

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127202.D
 Acq On : 04 Mar 2022 15:51
 Operator : CG\JU
 Sample : N1796-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AB1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2022
 Supervised By : Jagrut Upadhyay 03/07/2022

Quant Time: Mar 05 02:20:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	91542	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	357985	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	194492	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	325184	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	211997	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	171779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	622797	105.152	ng	0.01
7) Phenol-d6	6.516	99	822767	102.949	ng	0.00
23) Nitrobenzene-d5	7.445	82	548934	69.214	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	255917	114.284	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	919524	69.601	ng	0.00
79) Terphenyl-d14	13.004	244	1010083	70.042	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	112480	41.502	ng	99
3) Pyridine	3.499	79	298374	41.972	ng	96
4) n-Nitrosodimethylamine	3.469	42	161247	46.304	ng	# 74
6) Aniline	6.545	93	296017	31.261	ng	95
8) 2-Chlorophenol	6.669	128	321051	50.520	ng	93
9) Benzaldehyde	6.434	77	210284	43.225	ng	99
10) Phenol	6.528	94	402120m	49.796	ng	
11) bis(2-Chloroethyl)ether	6.616	93	300616	47.462	ng	100
12) 1,3-Dichlorobenzene	6.816	146	331408	48.344	ng	98
13) 1,4-Dichlorobenzene	6.898	146	337149	48.512	ng	98
14) 1,2-Dichlorobenzene	7.045	146	318038	47.987	ng	98
15) Benzyl Alcohol	7.022	79	301345	44.757	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	384773	38.579	ng	89
17) 2-Methylphenol	7.134	107	270154	49.135	ng	# 90
18) Hexachloroethane	7.387	117	128862	48.373	ng	93
19) n-Nitroso-di-n-propyla...	7.293	70	234044	45.447	ng	97
20) 3+4-Methylphenols	7.287	107	331502	46.431	ng	89
22) Acetophenone	7.293	105	448633	47.598	ng	# 99
24) Nitrobenzene	7.463	77	356769	47.618	ng	97
25) Isophorone	7.704	82	640280	48.788	ng	# 96
26) 2-Nitrophenol	7.781	139	161677	50.683	ng	# 82
27) 2,4-Dimethylphenol	7.816	122	276615	52.785	ng	90
28) bis(2-Chloroethoxy)met...	7.910	93	349267	43.898	ng	98
29) 2,4-Dichlorophenol	8.022	162	245232	49.775	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	261586	47.490	ng	97
31) Naphthalene	8.187	128	867202	46.406	ng	99
32) Benzoic acid	7.957	122	168342	45.296	ng	87
33) 4-Chloroaniline	8.234	127	101559	13.807	ng	98
34) Hexachlorobutadiene	8.292	225	154867	48.159	ng	97
35) Caprolactam	8.622	113	79603m	46.267	ng	
36) 4-Chloro-3-methylphenol	8.722	107	309528	49.157	ng	95
37) 2-Methylnaphthalene	8.881	142	592860	48.892	ng	97
38) 1-Methylnaphthalene	8.975	142	546971	47.105	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	250339	48.897	ng	99
41) Hexachlorocyclopentadiene	9.028	237	278020	100.124	ng	95
43) 2,4,6-Trichlorophenol	9.157	196	168563	44.890	ng	97

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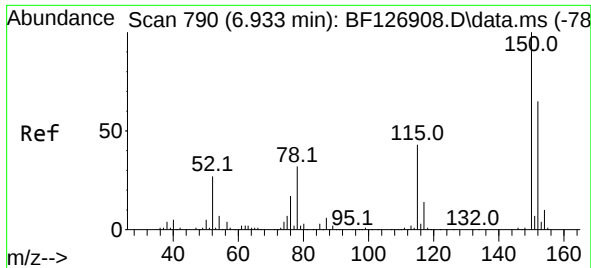
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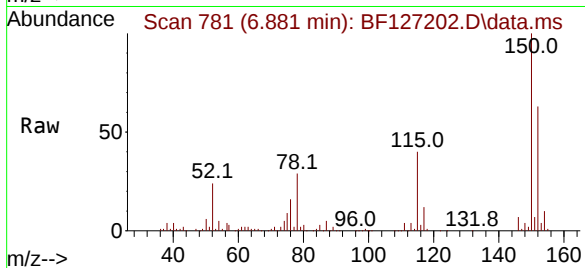
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	182540	46.196	ng	93
46) 1,1'-Biphenyl	9.345	154	706202	45.830	ng	97
47) 2-Chloronaphthalene	9.369	162	523706	45.831	ng	94
48) 2-Nitroaniline	9.469	65	203744	45.184	ng	96
49) Acenaphthylene	9.786	152	867941	46.760	ng	98
50) Dimethylphthalate	9.651	163	624119	44.894	ng	100
51) 2,6-Dinitrotoluene	9.716	165	136432	48.236	ng	94
52) Acenaphthene	9.963	154	629549m	52.152	ng	
53) 3-Nitroaniline	9.881	138	85222	24.649	ng	97
54) 2,4-Dinitrophenol	9.998	184	146127	97.609	ng	# 80
55) Dibenzofuran	10.134	168	738477	44.489	ng	91
56) 4-Nitrophenol	10.057	139	217005	84.981	ng	# 75
57) 2,4-Dinitrotoluene	10.122	165	181833	47.547	ng	# 94
58) Fluorene	10.475	166	584693	45.221	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	136550	43.590	ng	# 96
60) Diethylphthalate	10.345	149	648350	44.633	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	280826	46.061	ng	95
62) 4-Nitroaniline	10.510	138	153778	45.041	ng	# 77
63) Azobenzene	10.628	77	692478	42.810	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	96748	50.636	ng	90
66) n-Nitrosodiphenylamine	10.586	169	530044	49.709	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	182190	50.145	ng	93
68) Hexachlorobenzene	11.022	284	205188	52.459	ng	95
69) Atrazine	11.116	200	169268	51.182	ng	98
70) Pentachlorophenol	11.222	266	196169	91.876	ng	99
71) Phenanthrene	11.445	178	859694	47.233	ng	99
72) Anthracene	11.498	178	874049	48.238	ng	99
73) Carbazole	11.651	167	770447	46.366	ng	98
74) Di-n-butylphthalate	11.975	149	1025026	47.984	ng	99
75) Fluoranthene	12.633	202	832081	48.147	ng	94
77) Benzidine	12.757	184	356725	61.919	ng	96
78) Pyrene	12.863	202	843460	45.795	ng	100
80) Butylbenzylphthalate	13.474	149	389336	44.652	ng	91
81) Benzo(a)anthracene	14.051	228	684243	47.876	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	81962	18.197	ng	# 96
83) Chrysene	14.092	228	609421	45.344	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	521689	45.573	ng	# 97
85) Di-n-octyl phthalate	14.645	149	774183	46.971	ng	96
87) Indeno(1,2,3-cd)pyrene	17.068	276	566550	50.298	ng	# 85
88) Benzo(b)fluoranthene	15.116	252	558039	48.368	ng	# 92
89) Benzo(k)fluoranthene	15.145	252	555578	49.926	ng	# 95
90) Benzo(a)pyrene	15.492	252	509914	56.583	ng	# 93
91) Dibenzo(a,h)anthracene	17.086	278	491434	52.753	ng	# 92
92) Benzo(g,h,i)perylene	17.533	276	478027	52.050	ng	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127202.D
 Acq: 04 Mar 2022 15:51

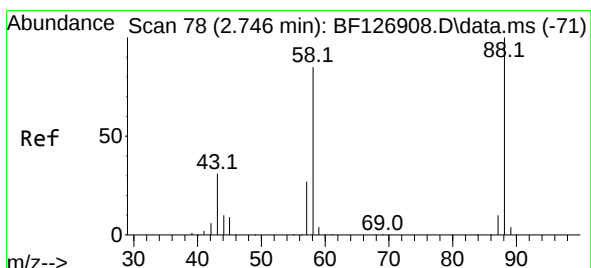
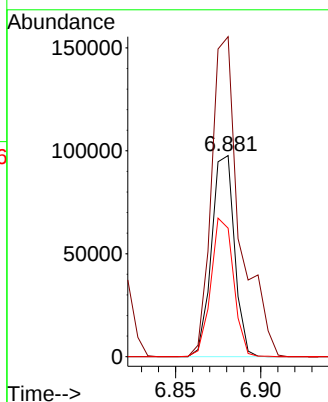
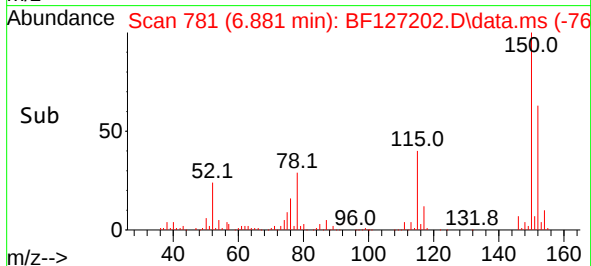
Instrument :
 BNA_F
 ClientSampleId :
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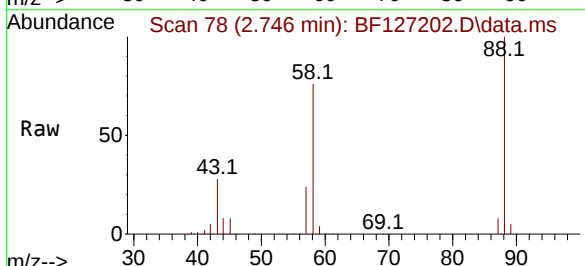
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 Ion Ratio Lower Upper
 152 100
 150 159.1 128.1 192.1
 115 63.9 56.7 85.1

Manual Integrations
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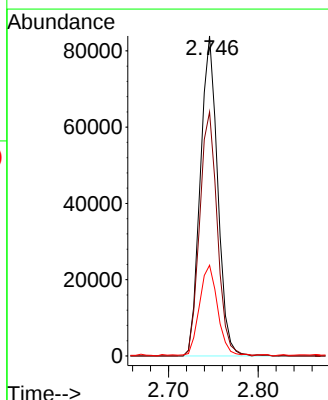
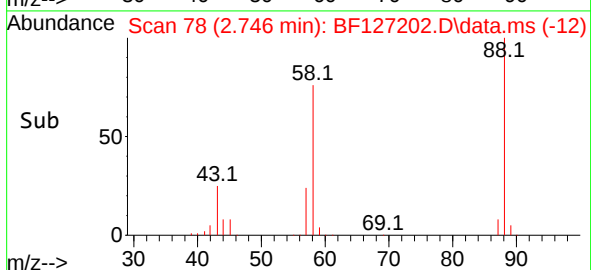
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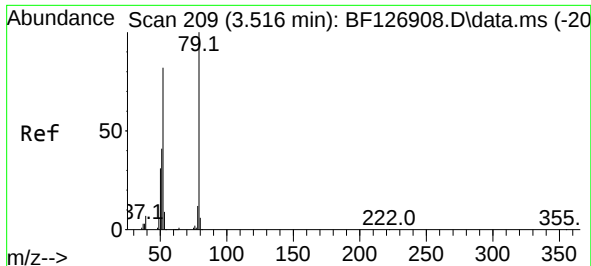


#2
 1,4-Dioxane
 Concen: 41.502 ng
 RT: 2.746 min Scan# 78
 Delta R.T. 0.088 min
 Lab File: BF127202.D
 Acq: 04 Mar 2022 15:51



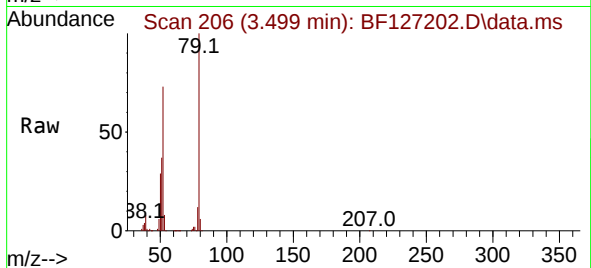
Tgt Ion: 88 Resp: 112480
 Ion Ratio Lower Upper
 88 100
 58 77.5 62.8 94.2
 43 29.1 22.3 33.5





#3
Pyridine
Concen: 41.972 ng
RT: 3.499 min Scan# 209
Delta R.T. 0.071 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

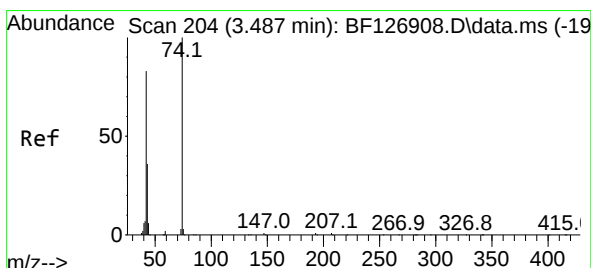
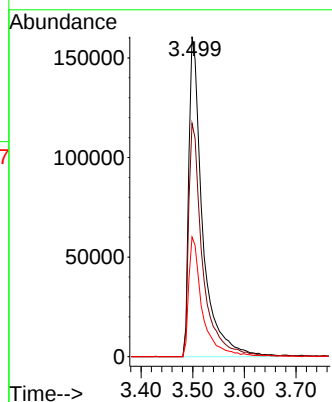
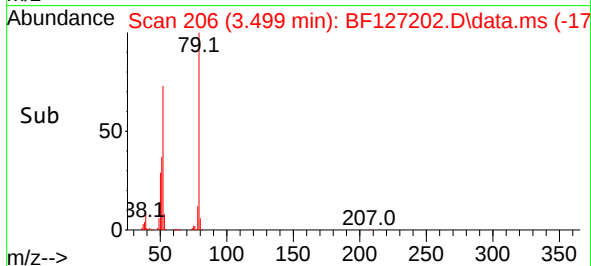
Instrument :
BNA_F
ClientSampleId :
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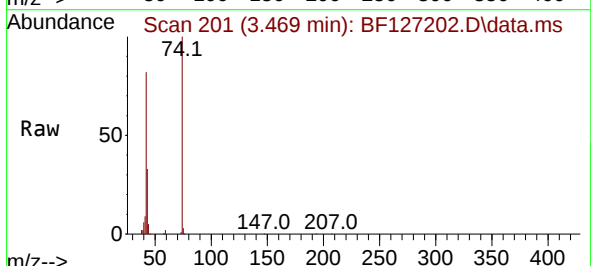
Tgt Ion: 79 Resp: 298374
Ion Ratio Lower Upper
79 100
52 72.9 56.2 84.4
51 37.4 26.7 40.1

Manual Integrations
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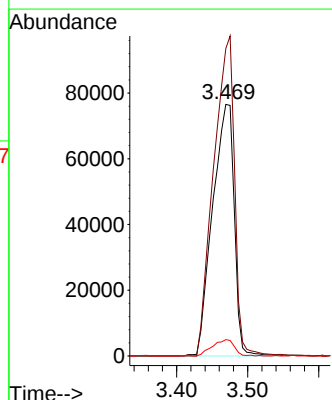
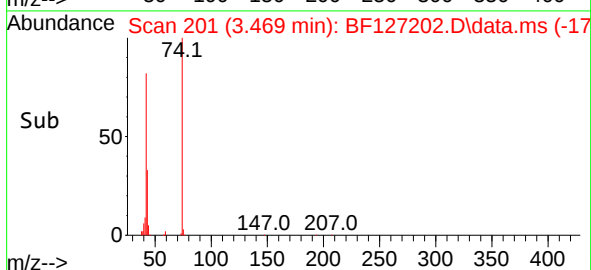
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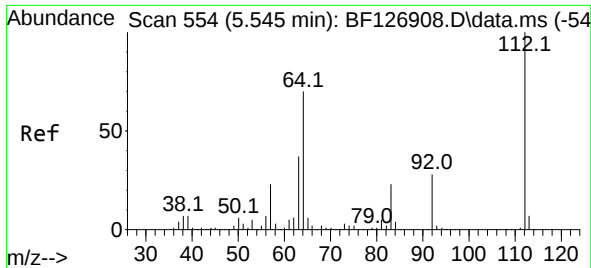


#4
n-Nitrosodimethylamine
Concen: 46.304 ng
RT: 3.469 min Scan# 201
Delta R.T. 0.071 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion: 42 Resp: 161247
Ion Ratio Lower Upper
42 100
74 122.2 125.6 188.4#
44 6.5 5.7 8.5





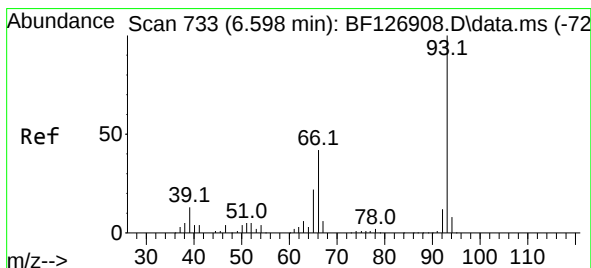
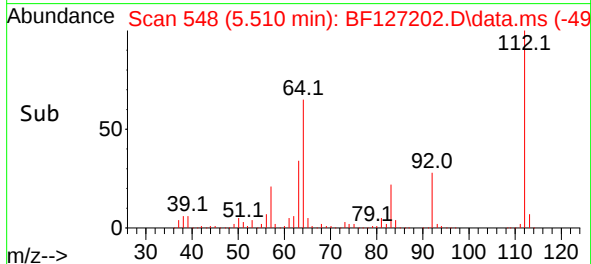
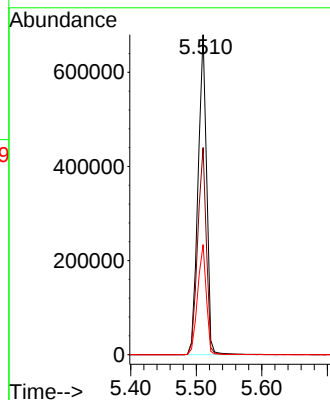
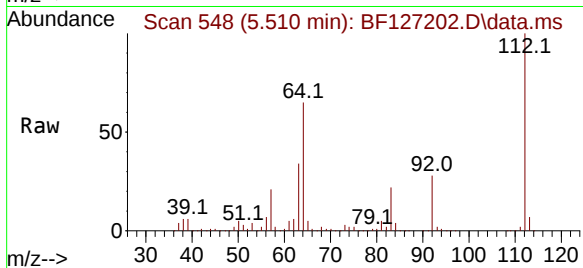
#5
2-Fluorophenol
Concen: 105.152 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:112 Resp: 62279
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 34.4 23.9 35.9

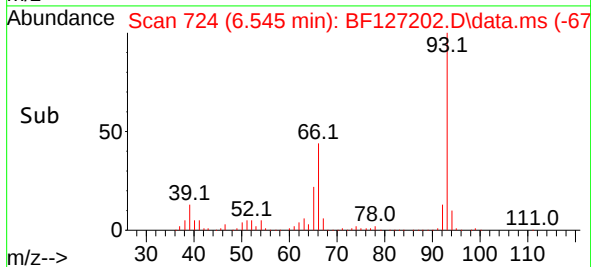
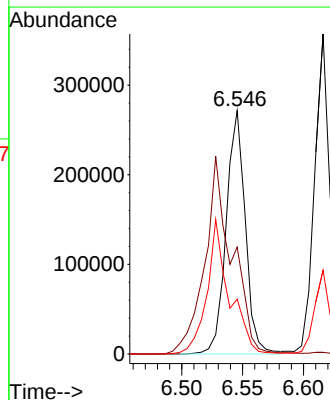
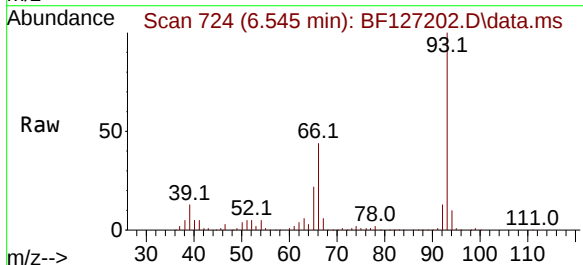
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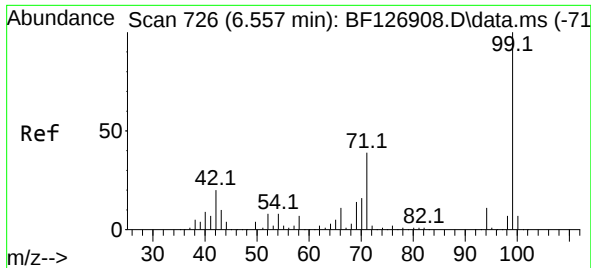
Reviewed By :Christian Giraldo 03/07/2022
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#6
Aniline
Concen: 31.261 ng
RT: 6.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion: 93 Resp: 296017
Ion Ratio Lower Upper
93 100
66 43.9 32.2 48.4
65 22.5 16.3 24.5





#7

Phenol-d6

Concen: 102.949 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion: 99 Resp: 82276

Ion Ratio Lower Upper

99 100

42 18.8 14.2 21.4

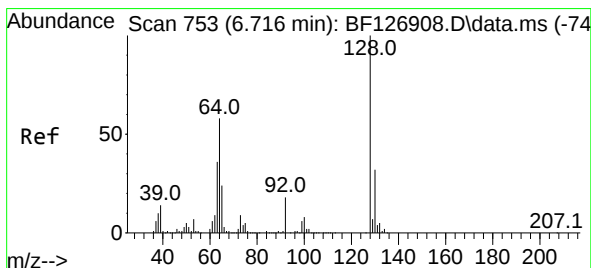
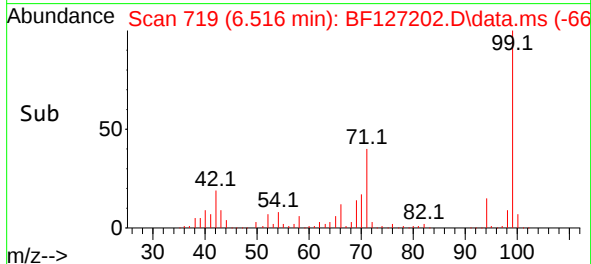
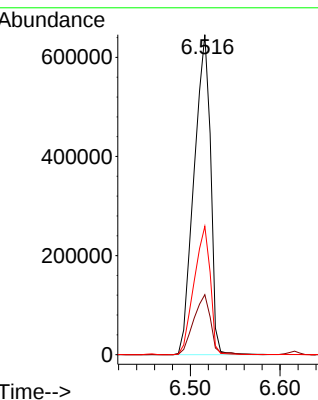
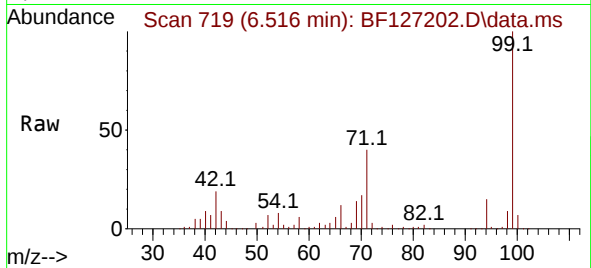
71 40.1 24.3 36.5

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#8

2-Chlorophenol

Concen: 50.520 ng

RT: 6.669 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF127202.D

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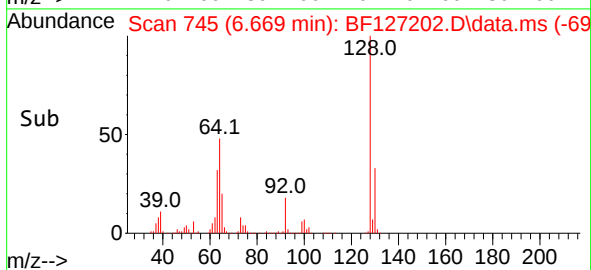
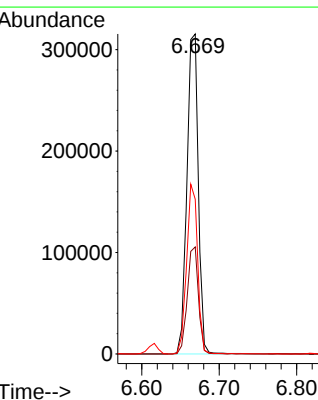
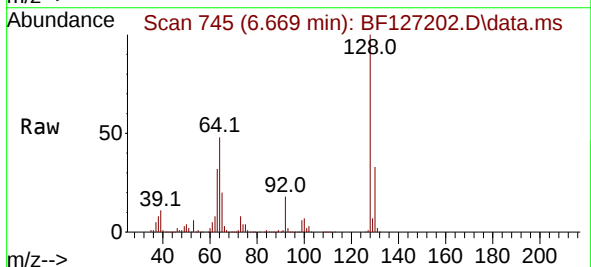
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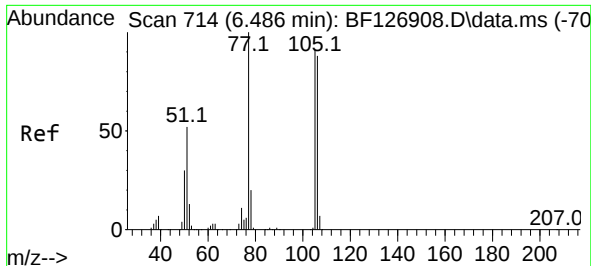
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

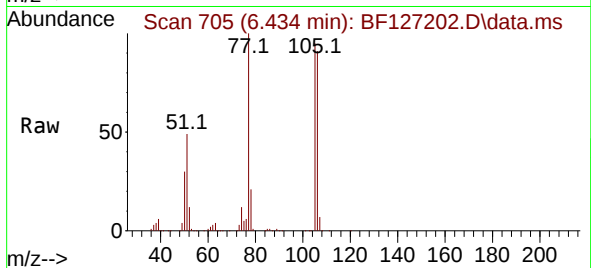
64 48.3 35.6 75.6





#9
Benzaldehyde
Concen: 43.225 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

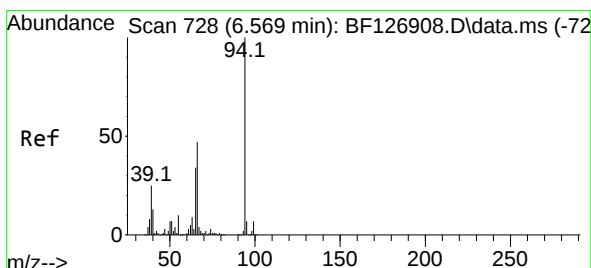
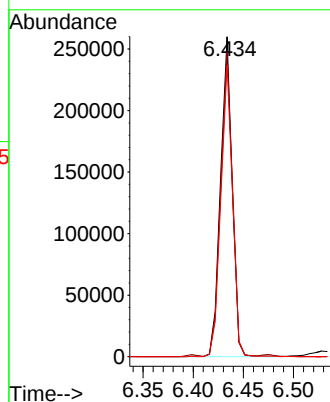
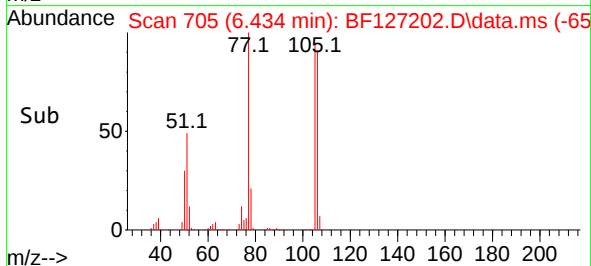
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



Tgt Ion: 77 Resp: 210284
Ion Ratio Lower Upper
77 100
105 95.2 74.9 114.9
106 91.1 72.4 112.4

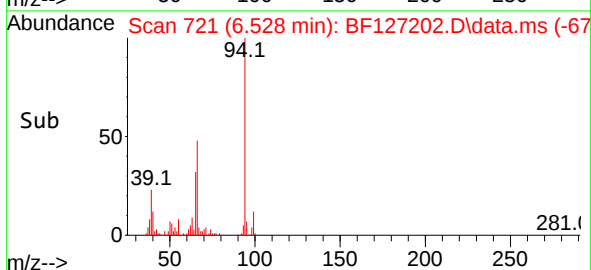
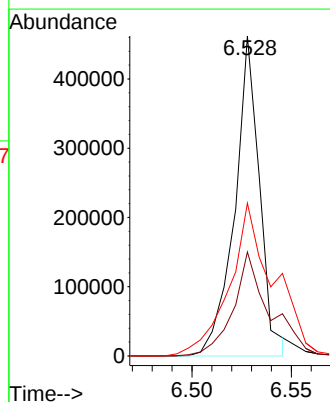
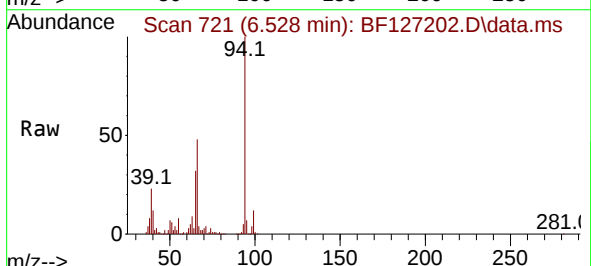
Manual Integrations
APPROVED

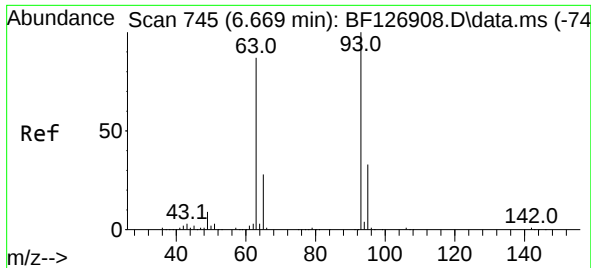
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#10
Phenol
Concen: 49.796 ng m
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion: 94 Resp: 402120
Ion Ratio Lower Upper
94 100
65 32.5 7.2 47.2
66 47.7 14.5 54.5





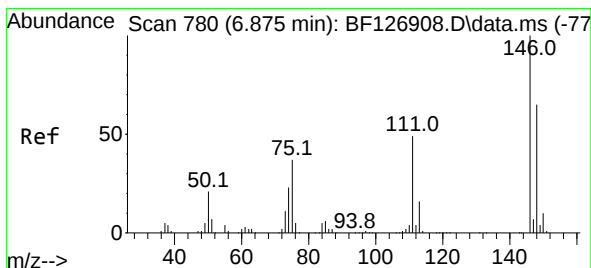
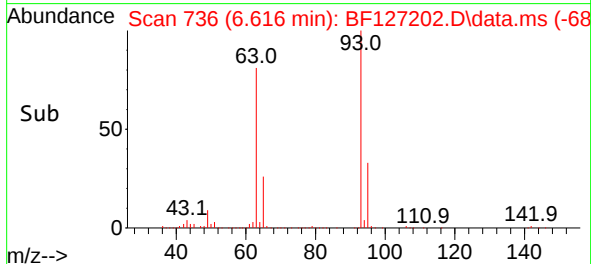
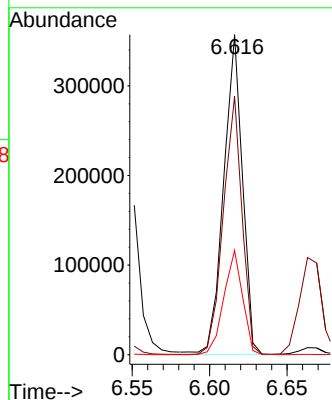
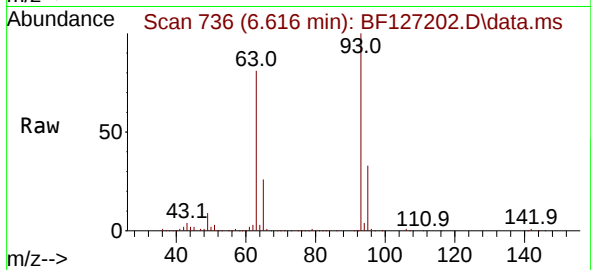
#11
bis(2-Chloroethyl)ether
Concen: 47.462 ng
RT: 6.616 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion: 93 Resp: 300610
Ion Ratio Lower Upper
93 100
63 80.7 60.5 100.5
95 32.6 12.9 52.9

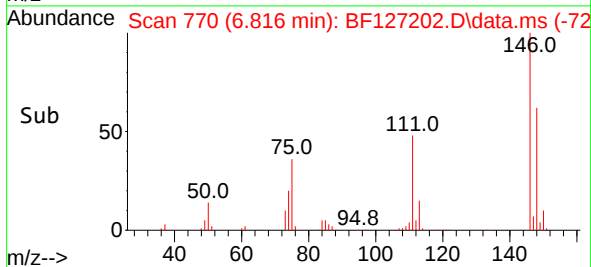
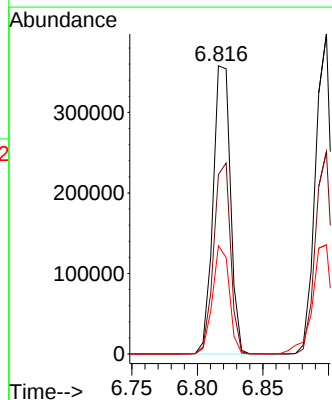
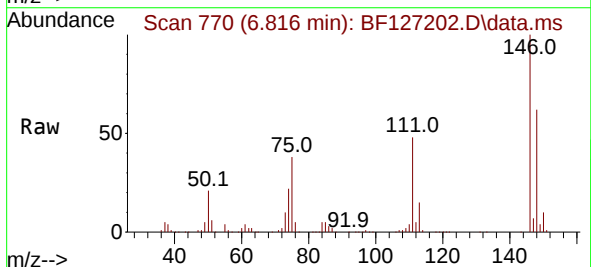
Manual Integrations
APPROVED

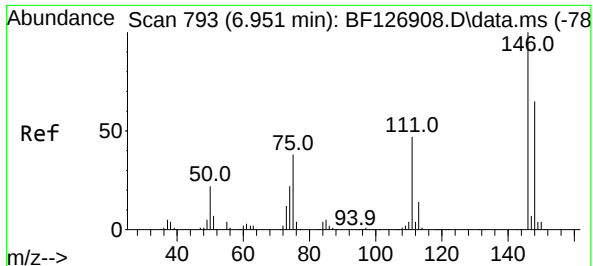
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#12
1,3-Dichlorobenzene
Concen: 48.344 ng
RT: 6.816 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion:146 Resp: 331408
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
75 37.5 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 48.512 ng

RT: 6.898 min Scan# 709

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:146 Resp: 337149

Ion Ratio Lower Upper

146 100

148 63.3 49.8 74.6

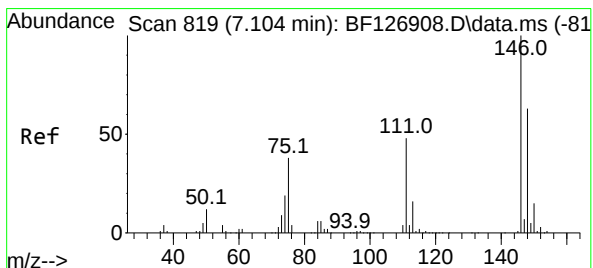
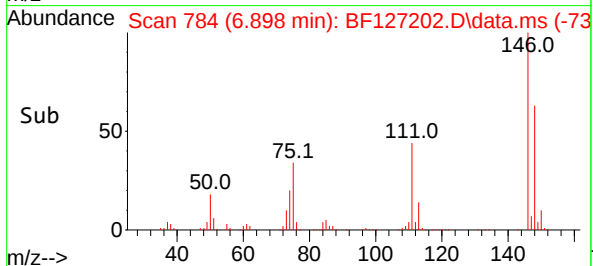
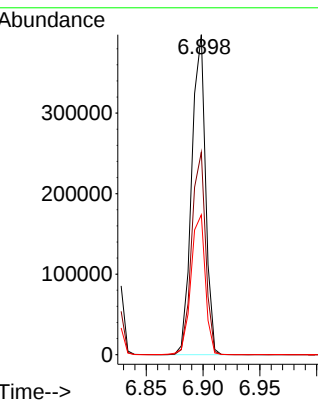
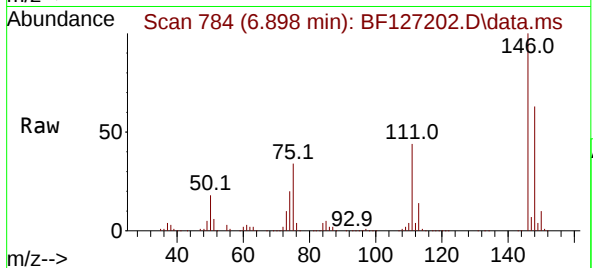
111 43.7 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#14

1,2-Dichlorobenzene

Concen: 47.987 ng

RT: 7.045 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

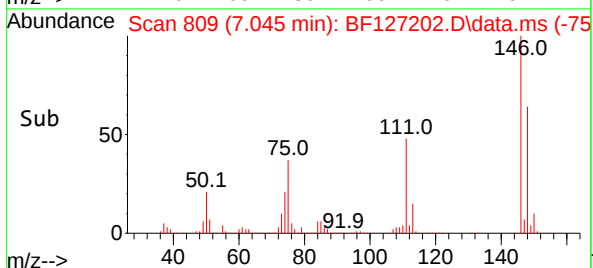
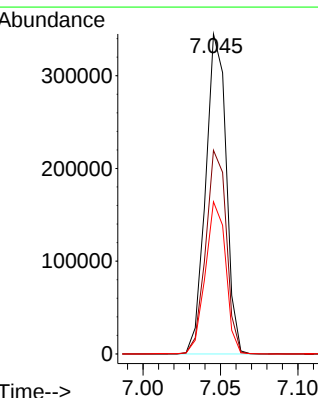
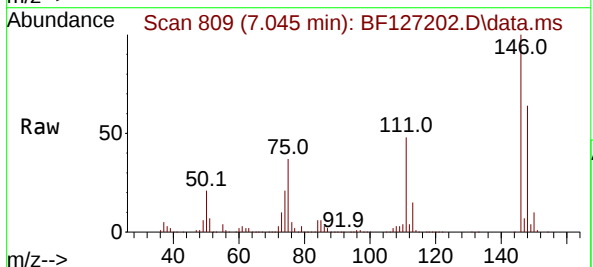
Tgt Ion:146 Resp: 318038

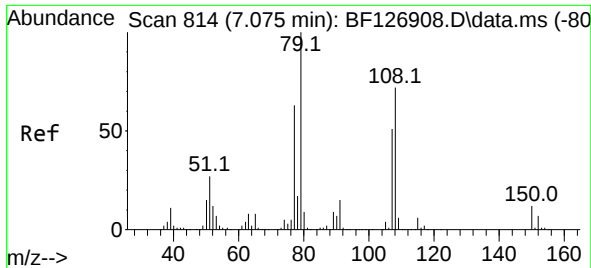
Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

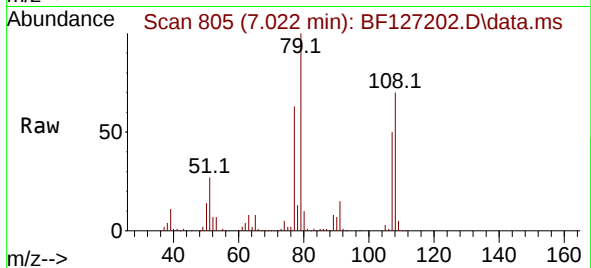
111 47.6 40.2 60.2





#15
Benzyl Alcohol
Concen: 44.757 ng
RT: 7.022 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

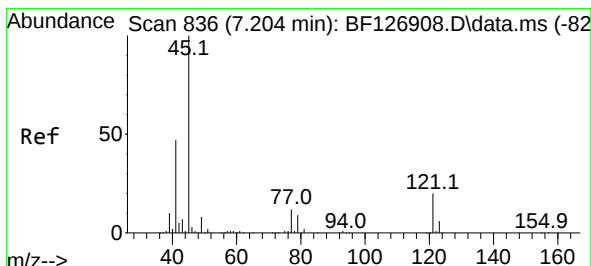
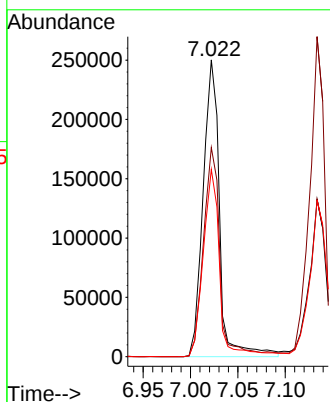
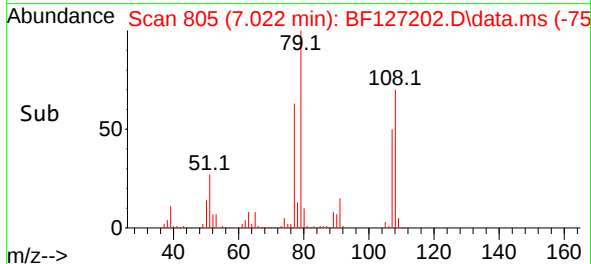
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



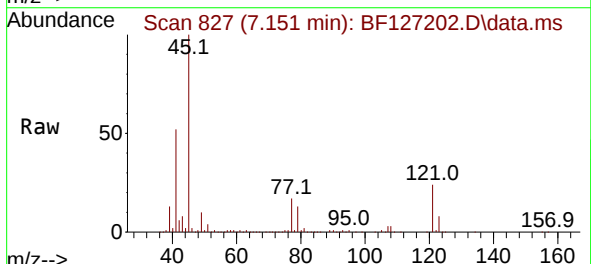
Tgt Ion: 79 Resp: 30134
Ion Ratio Lower Upper
79 100
108 70.4 63.2 94.8
77 63.1 49.4 74.2

Manual Integrations
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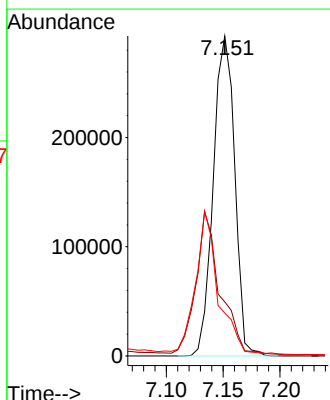
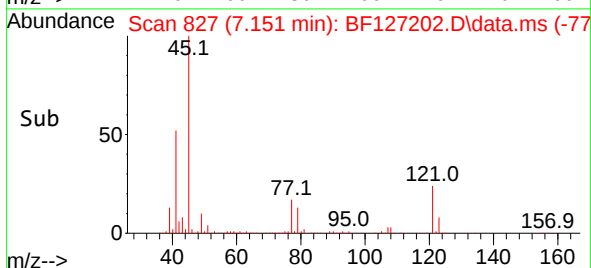
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

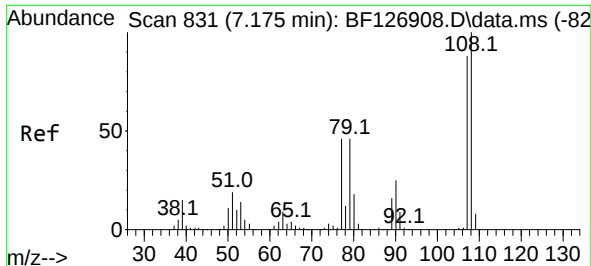


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.579 ng
RT: 7.151 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion: 45 Resp: 384773
Ion Ratio Lower Upper
45 100
77 16.9 0.0 32.4
79 13.4 0.0 29.8





#17

2-Methylphenol

Concen: 49.135 ng

RT: 7.134 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

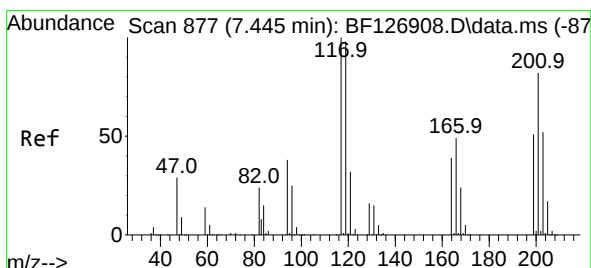
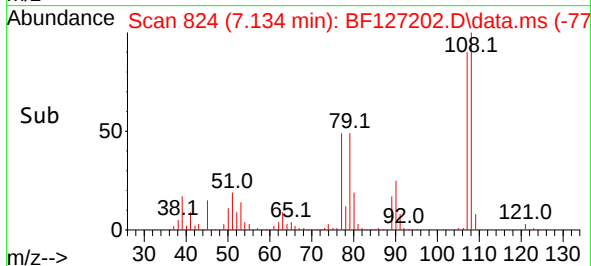
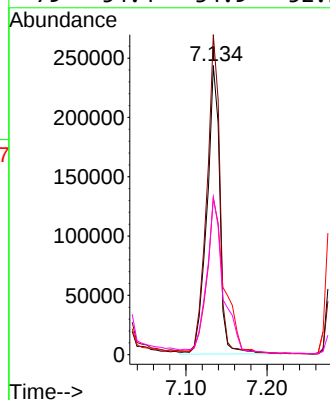
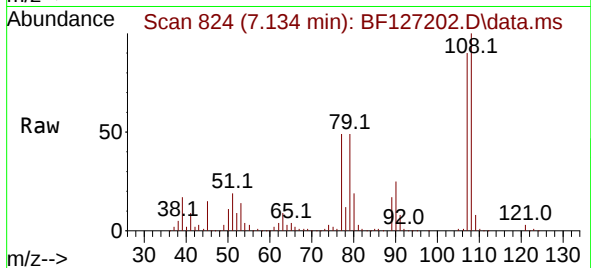
Tgt Ion:107 Resp: 270154

Ion	Ratio	Lower	Upper
107	100		
108	110.7	93.4	140.0
77	54.2	36.1	54.1
79	54.4	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#18

Hexachloroethane

Concen: 48.373 ng

RT: 7.387 min Scan# 867

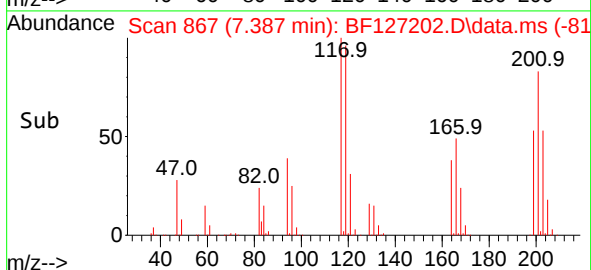
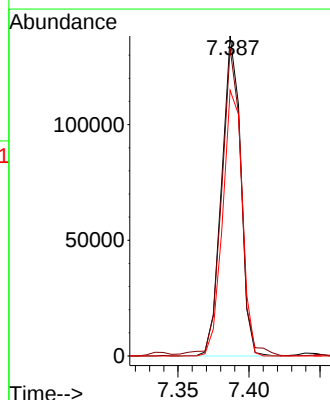
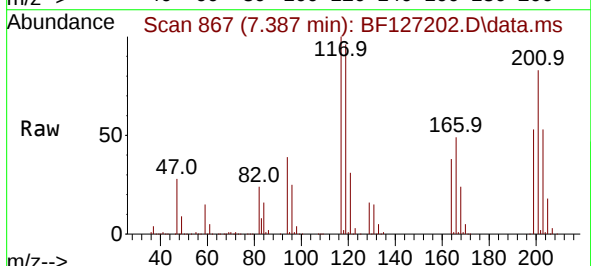
Delta R.T. -0.006 min

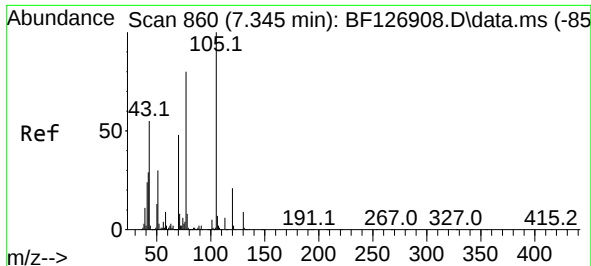
Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Tgt Ion:117 Resp: 128862

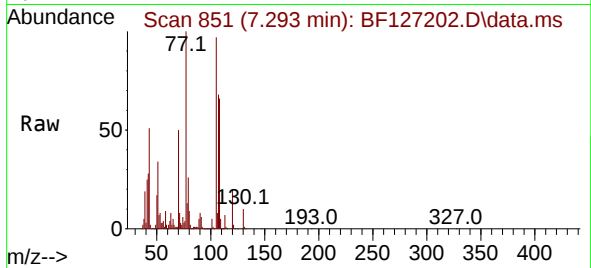
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.0
201	83.0	56.8	85.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.447 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

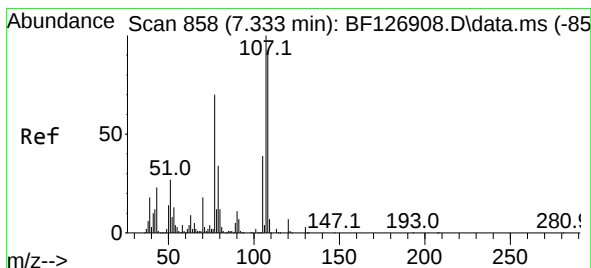
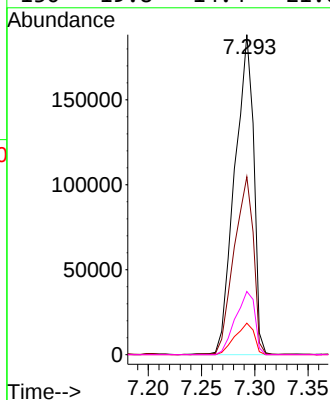
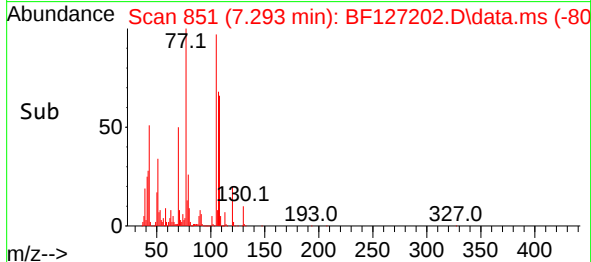
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



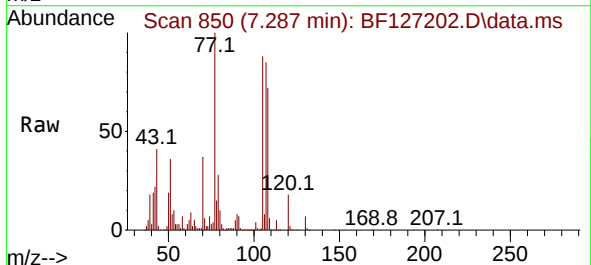
Tgt Ion: 70 Resp: 234044
Ion Ratio Lower Upper
70 100
42 55.6 45.8 68.8
101 9.8 6.9 10.3
130 19.8 14.4 21.6

Manual Integrations
APPROVED

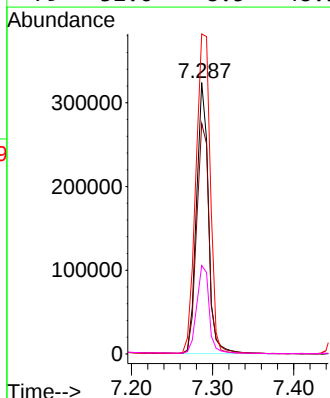
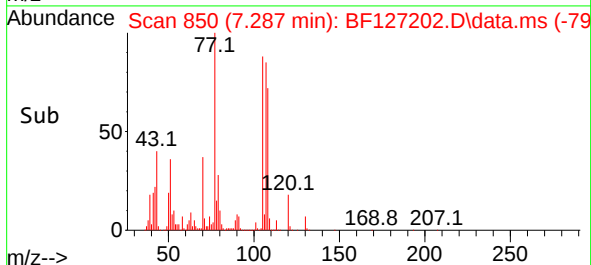
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

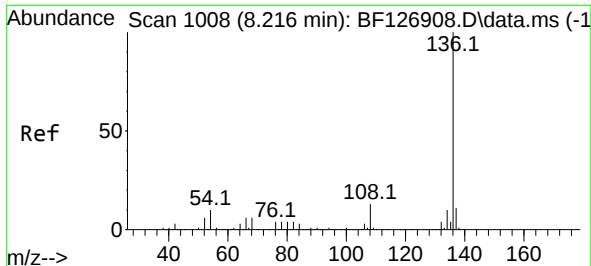


#20
3+4-Methylphenols
Concen: 46.431 ng
RT: 7.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



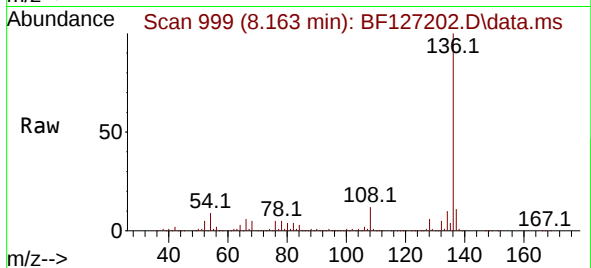
Tgt Ion:107 Resp: 331502
Ion Ratio Lower Upper
107 100
108 85.0 72.4 112.4
77 117.9 83.8 123.8
79 32.6 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

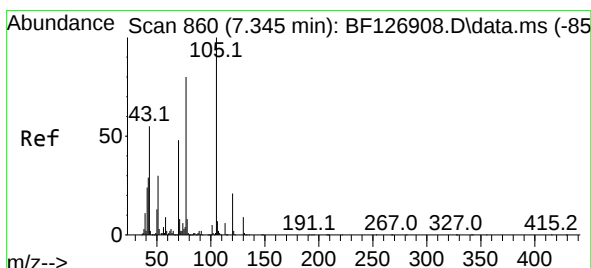
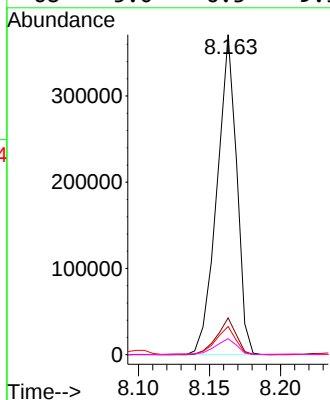
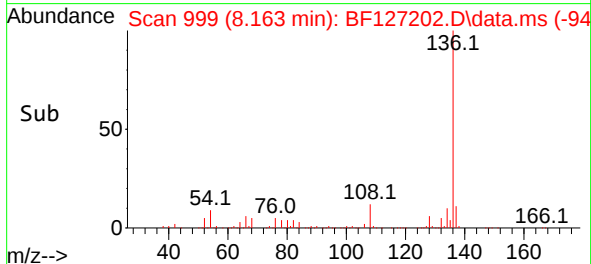
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



Tgt Ion:136 Resp: 357985
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.8 7.8 11.6
68 5.0 6.3 9.5#

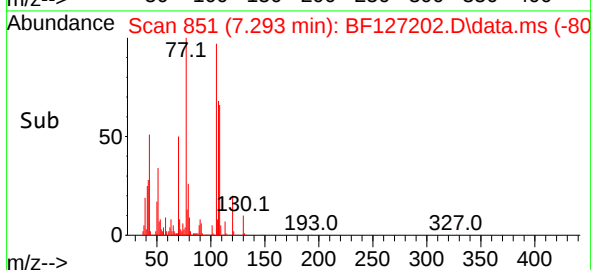
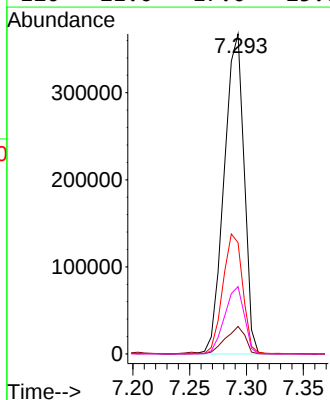
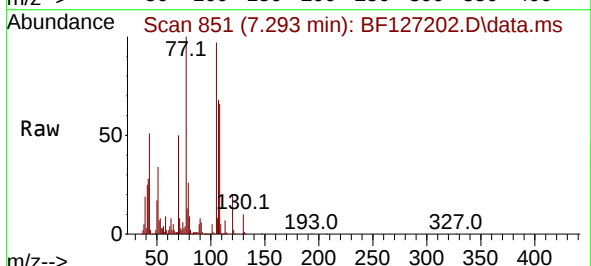
Manual Integrations
APPROVED

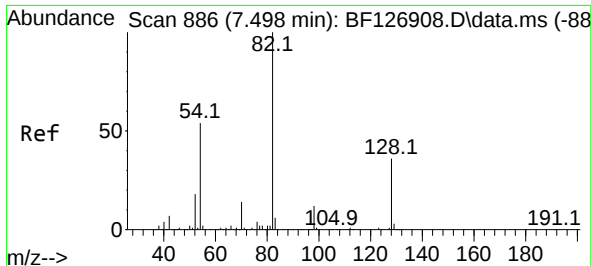
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#22
Acetophenone
Concen: 47.598 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion:105 Resp: 448633
Ion Ratio Lower Upper
105 100
71 8.6 5.4 8.0#
51 34.8 27.4 41.0
120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 69.214 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127202.D

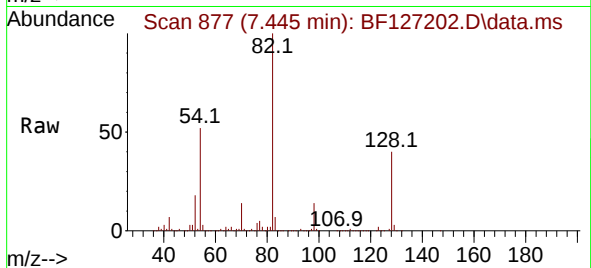
Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD



Tgt Ion: 82 Resp: 548934

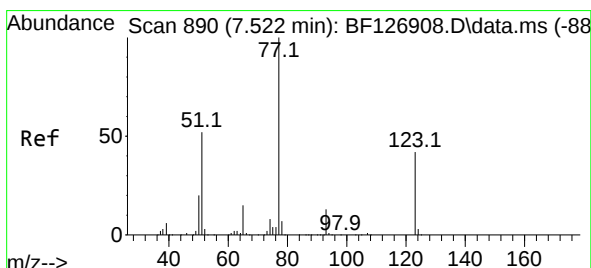
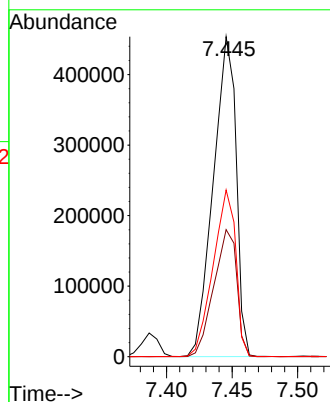
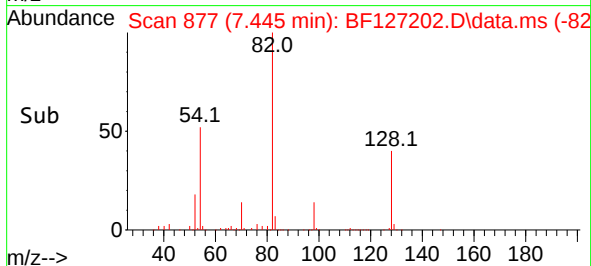
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.7	49.1
54	52.1	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#24

Nitrobenzene

Concen: 47.618 ng

RT: 7.463 min Scan# 880

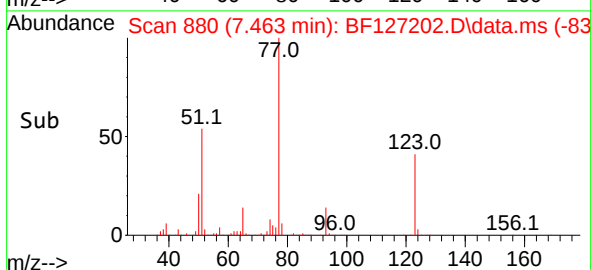
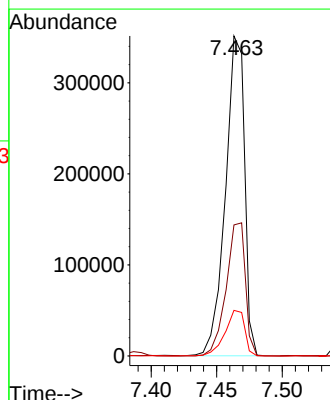
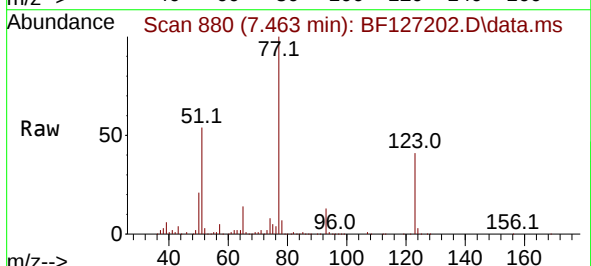
Delta R.T. -0.006 min

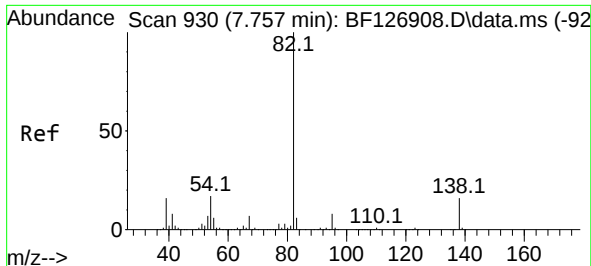
Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Tgt Ion: 77 Resp: 356769

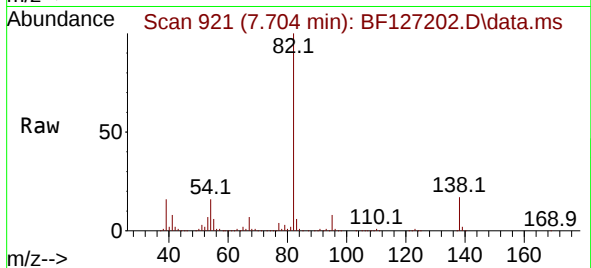
Ion	Ratio	Lower	Upper
77	100		
123	41.0	34.6	52.0
65	14.3	10.6	15.8





#25
Isophorone
Concen: 48.788 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

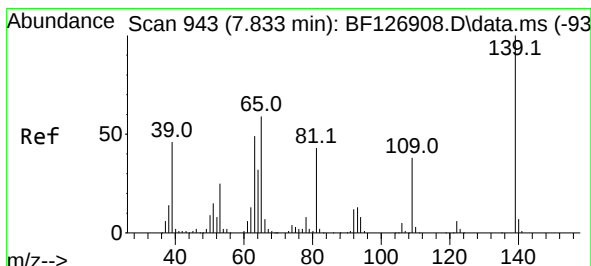
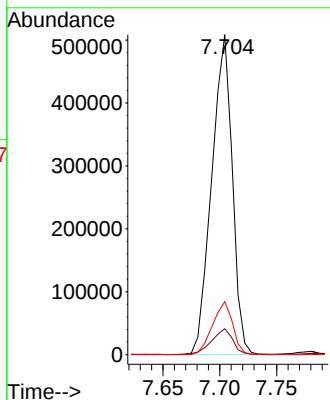
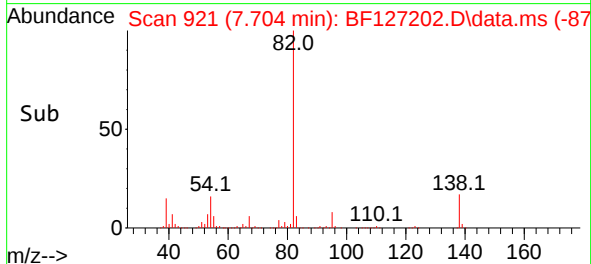
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



Tgt Ion: 82 Resp: 640280
Ion Ratio Lower Upper
82 100
95 8.1 5.0 7.4
138 16.6 12.3 18.5

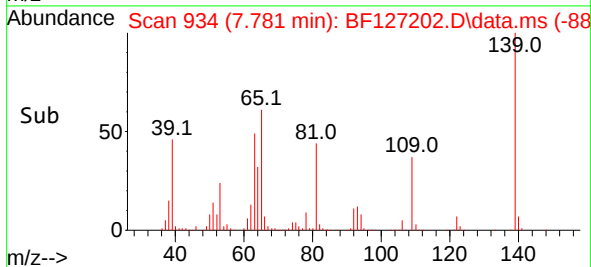
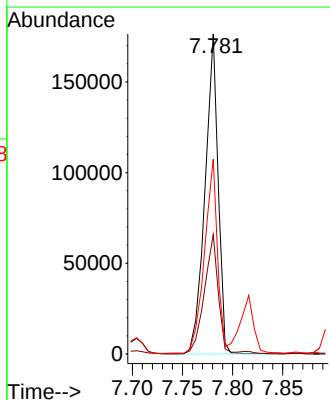
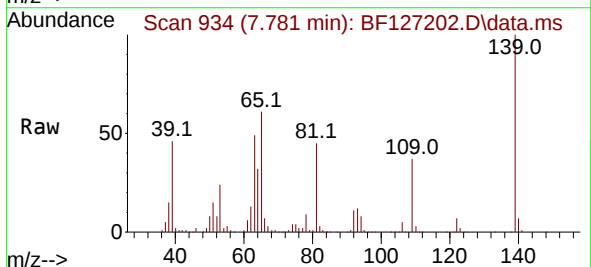
Manual Integrations
APPROVED

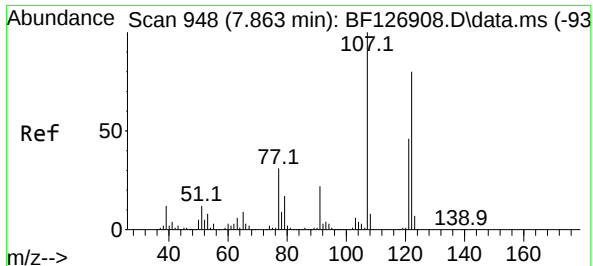
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#26
2-Nitrophenol
Concen: 50.683 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion:139 Resp: 161677
Ion Ratio Lower Upper
139 100
109 37.3 20.0 30.0
65 60.9 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 52.785 ng

RT: 7.816 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

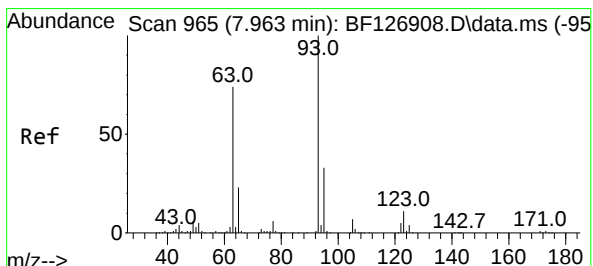
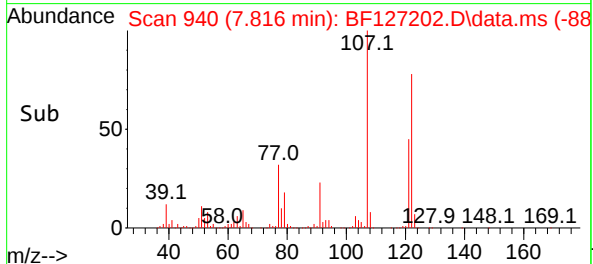
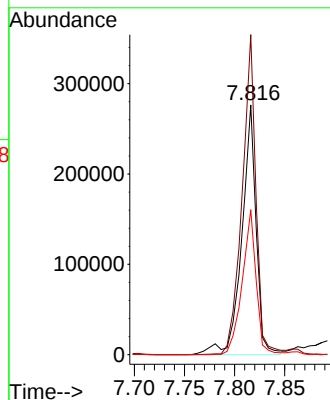
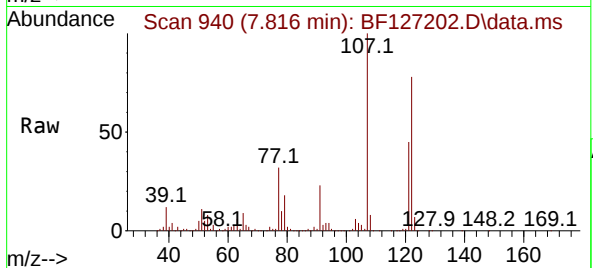
Tgt Ion:122 Resp: 276615
 Ion Ratio Lower Upper
 122 100
 107 128.1 91.2 136.8
 121 58.0 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.898 ng

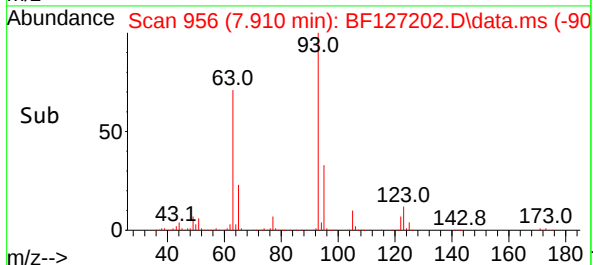
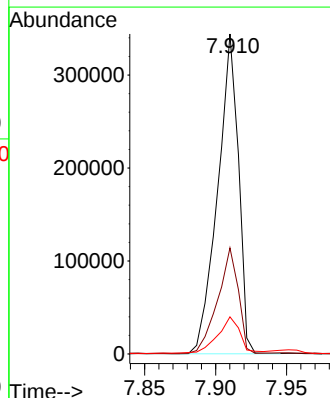
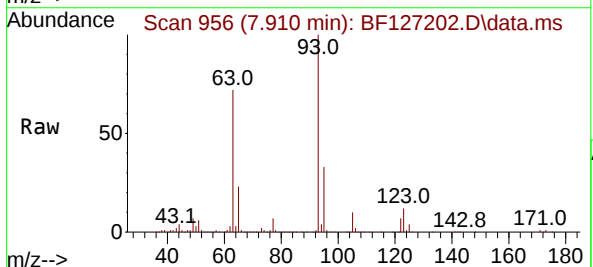
RT: 7.910 min Scan# 956

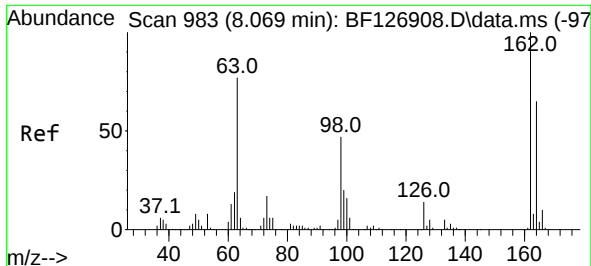
Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Tgt Ion: 93 Resp: 349267
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.4 38.2
 123 11.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.775 ng

RT: 8.022 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:162 Resp: 24523

Ion Ratio Lower Upper

162 100

164 61.8 43.8 83.8

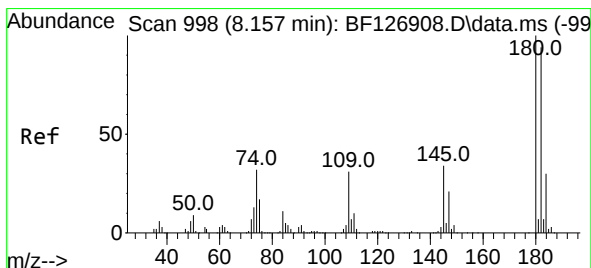
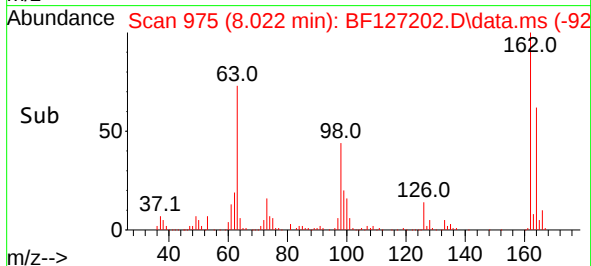
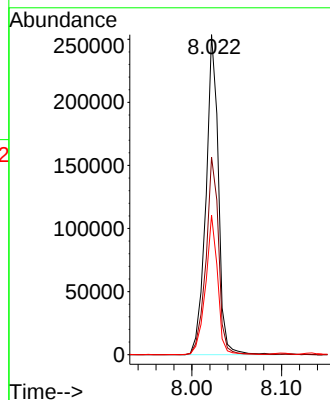
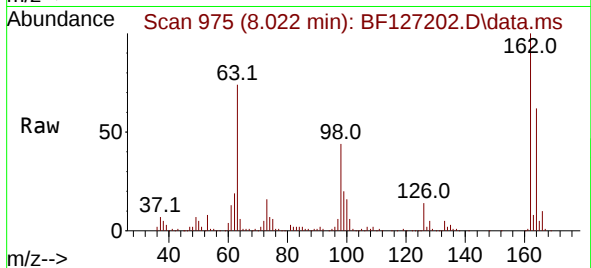
98 43.6 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.490 ng

RT: 8.104 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

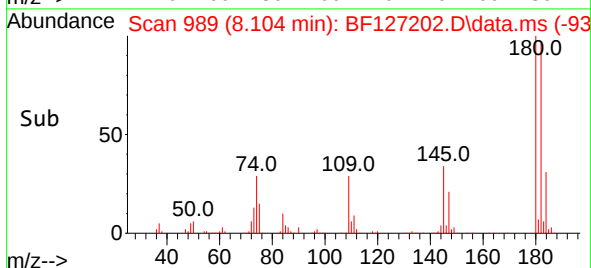
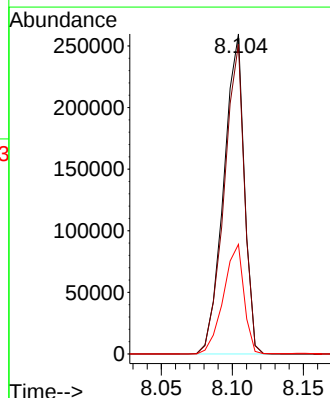
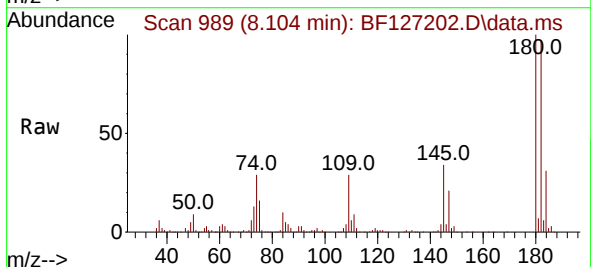
Tgt Ion:180 Resp: 261586

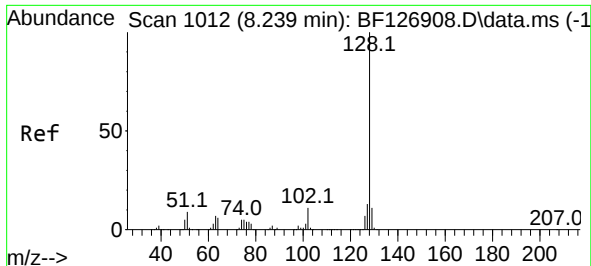
Ion Ratio Lower Upper

180 100

182 96.8 75.5 113.3

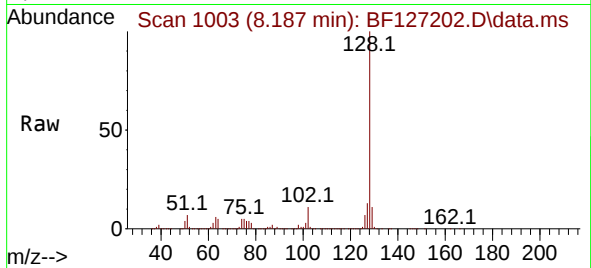
145 34.3 26.2 39.2





#31
Naphthalene
Concen: 46.406 ng
RT: 8.187 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

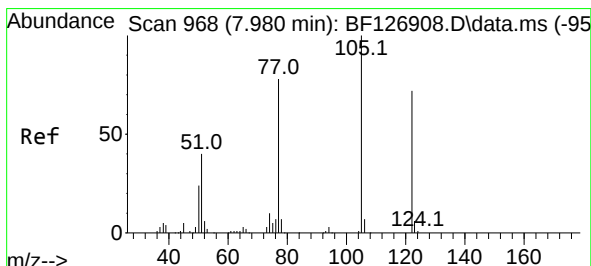
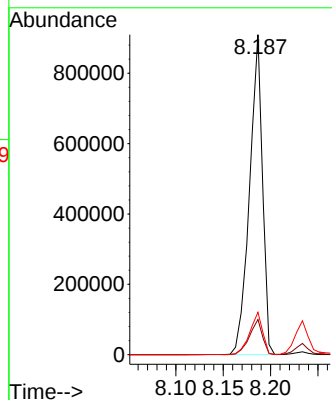
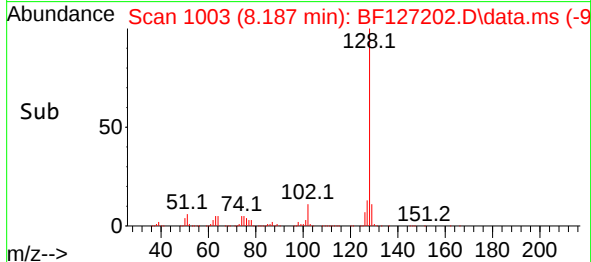
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



Tgt Ion:128 Resp: 86720
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.3 15.5

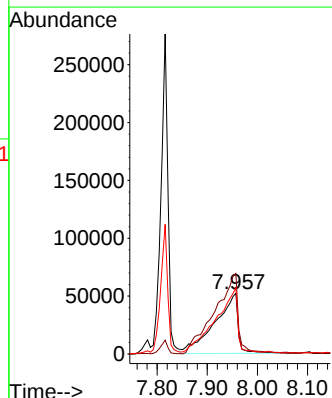
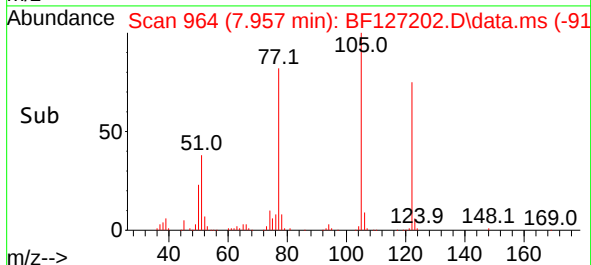
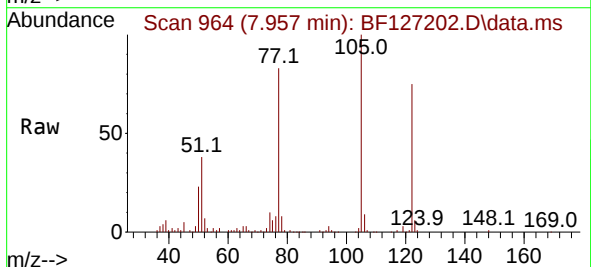
Manual Integrations
APPROVED

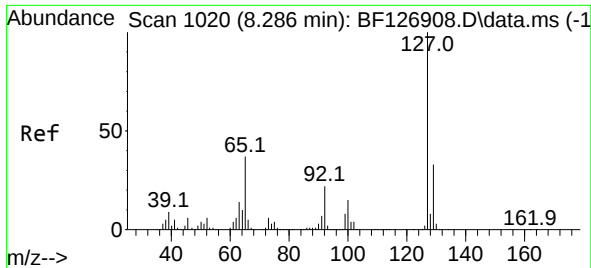
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#32
Benzoic acid
Concen: 45.296 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.018 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion:122 Resp: 168342
Ion Ratio Lower Upper
122 100
105 132.7 101.0 141.0
77 109.7 74.5 114.5





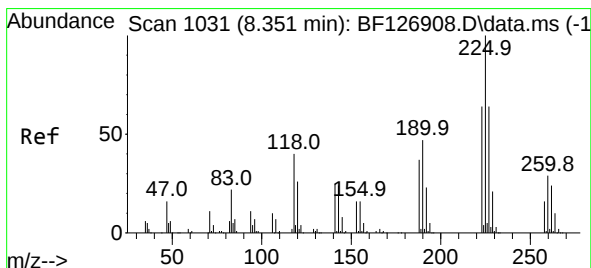
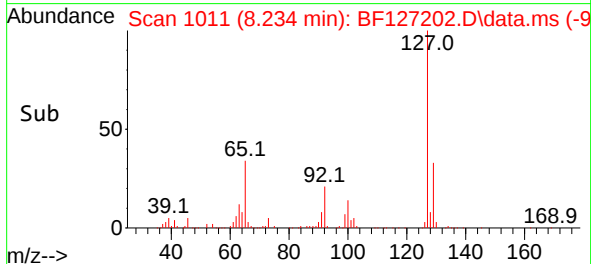
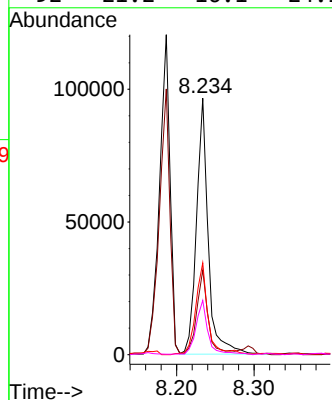
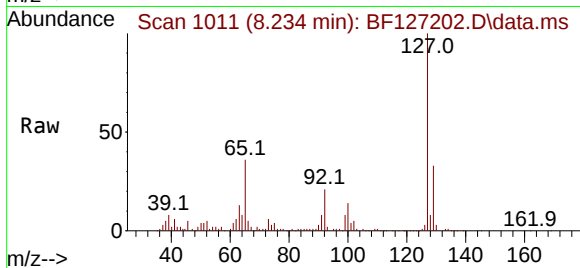
#33
4-Chloroaniline
Concen: 13.807 ng
RT: 8.234 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:	127	Resp:	101559
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.5	39.7
65	35.8	26.6	39.8
92	21.2	16.1	24.1

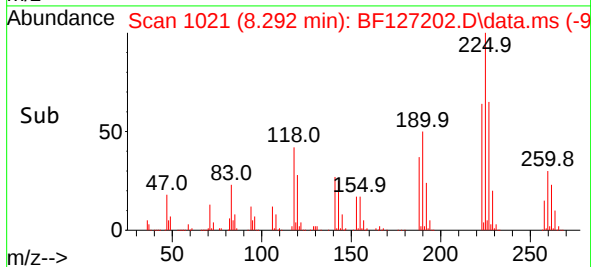
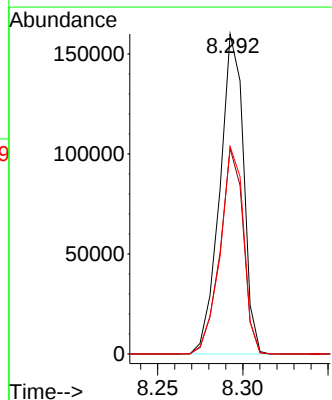
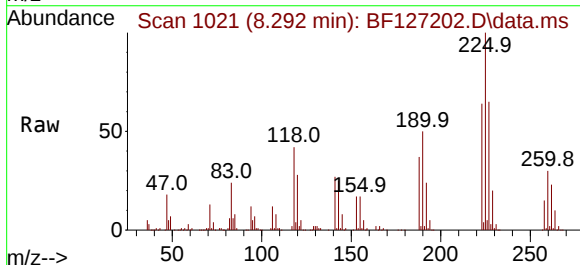
Manual Integrations
APPROVED

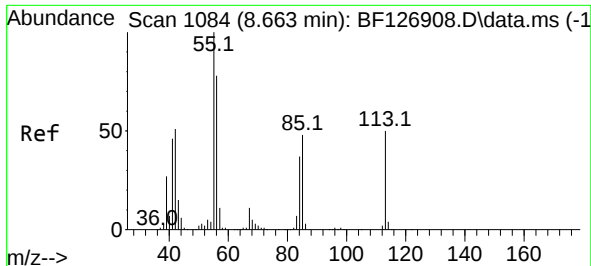
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#34
Hexachlorobutadiene
Concen: 48.159 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

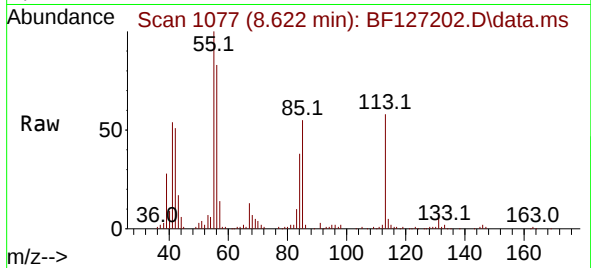
Tgt Ion:	225	Resp:	154867
Ion Ratio	Lower	Upper	
225	100		
223	64.3	48.6	73.0
227	64.8	51.4	77.0





#35
Caprolactam
Concen: 46.267 ng m
RT: 8.622 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

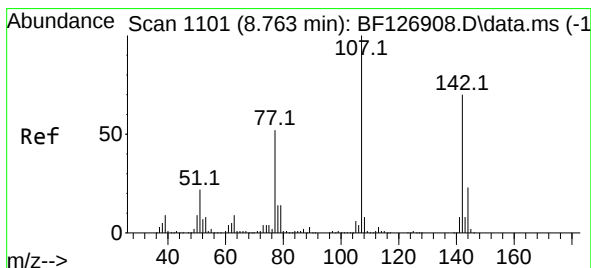
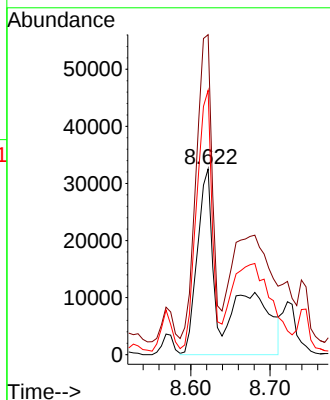
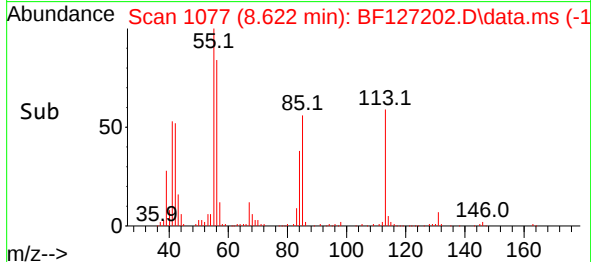
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



Tgt Ion:113 Resp: 7960
Ion Ratio Lower Upper
113 100
55 172.3 183.9 223.9
56 142.3 129.9 169.9

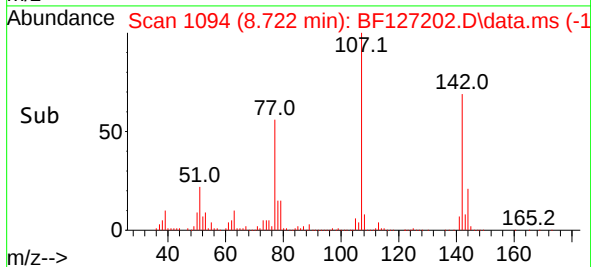
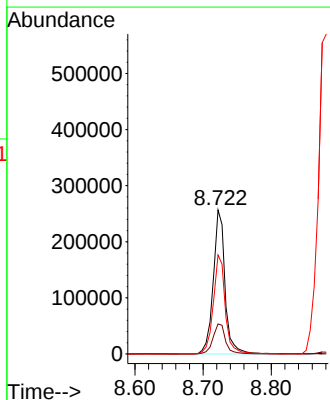
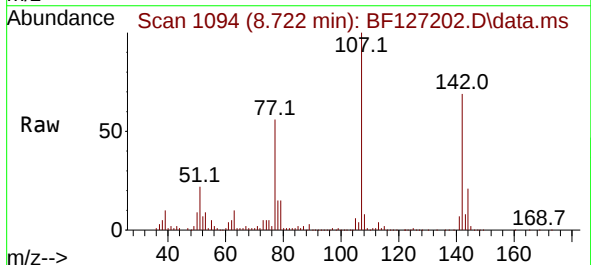
Manual Integrations
APPROVED

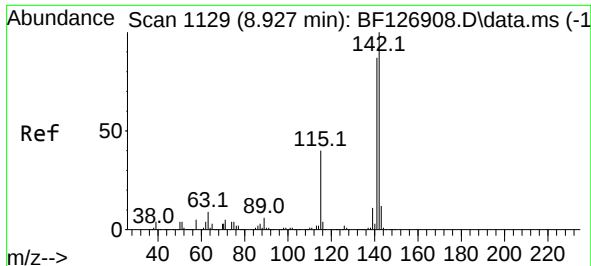
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#36
4-Chloro-3-methylphenol
Concen: 49.157 ng
RT: 8.722 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion:107 Resp: 309528
Ion Ratio Lower Upper
107 100
144 20.9 18.5 27.7
142 68.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 48.892 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:142 Resp: 592860

Ion Ratio Lower Upper

142 100

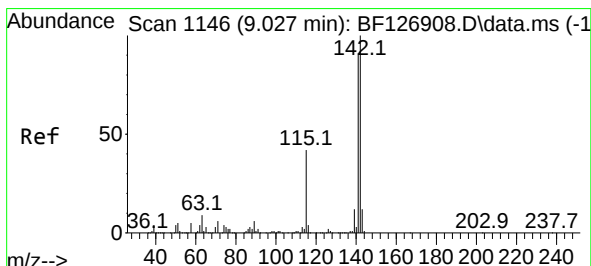
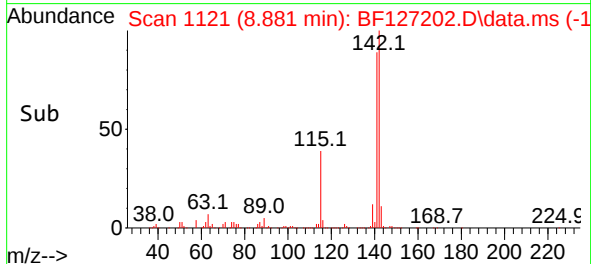
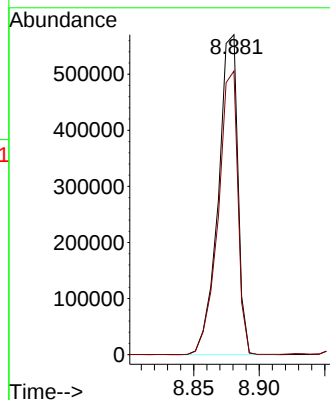
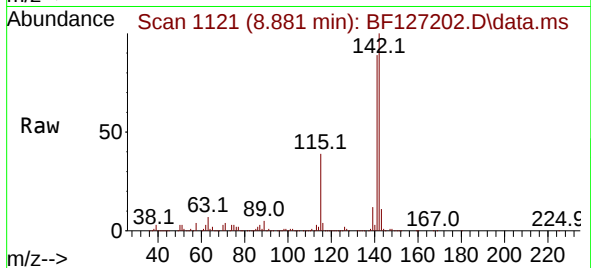
141 88.7 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#38

1-Methylnaphthalene

Concen: 47.105 ng

RT: 8.975 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF127202.D

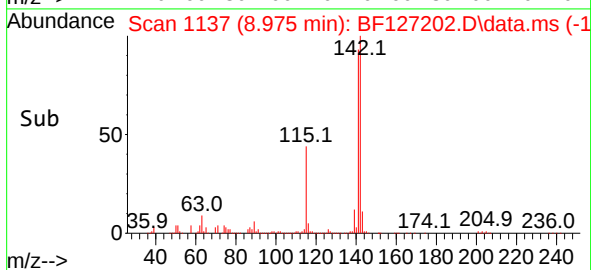
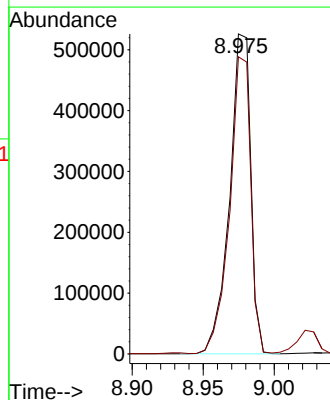
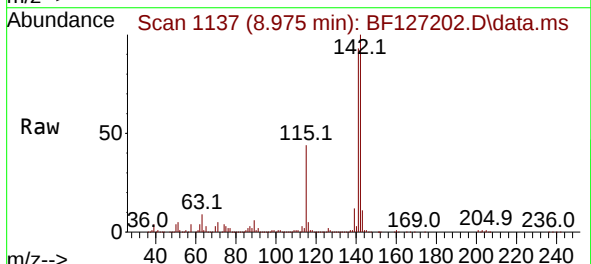
Acq: 04 Mar 2022 15:51

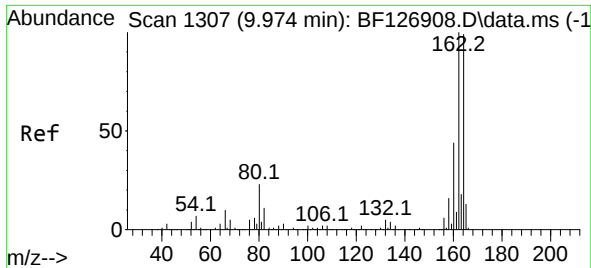
Tgt Ion:142 Resp: 546971

Ion Ratio Lower Upper

142 100

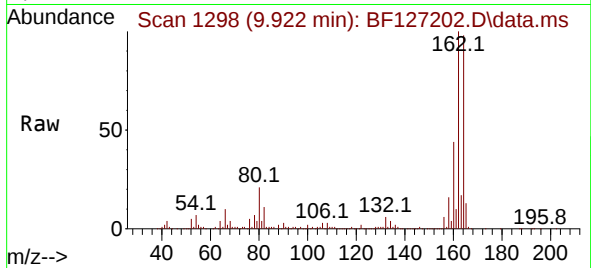
141 92.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

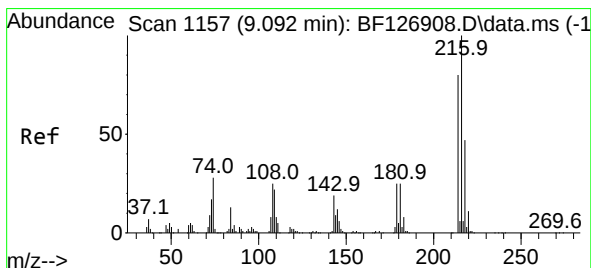
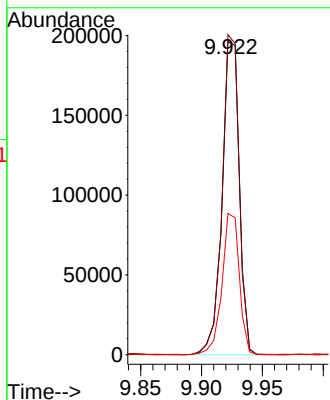
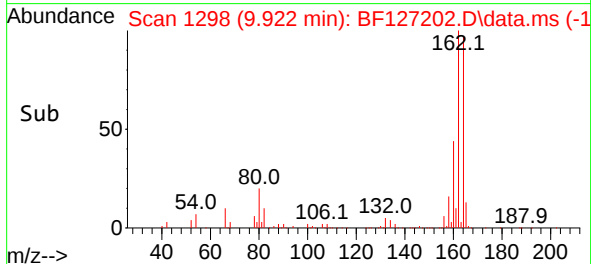
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



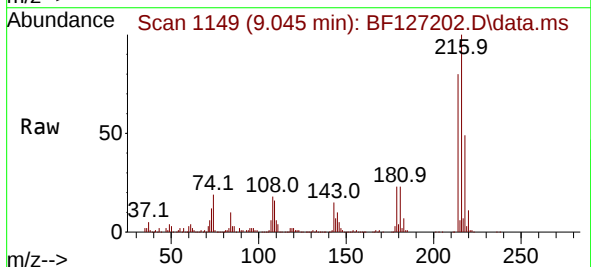
Tgt Ion:164 Resp: 194492
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 45.1 36.6 54.8

Manual Integrations
APPROVED

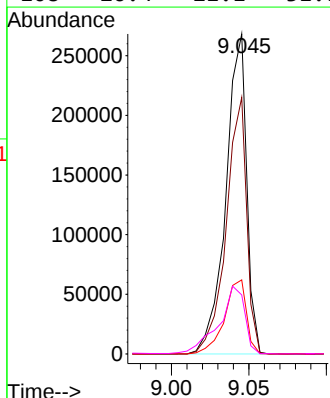
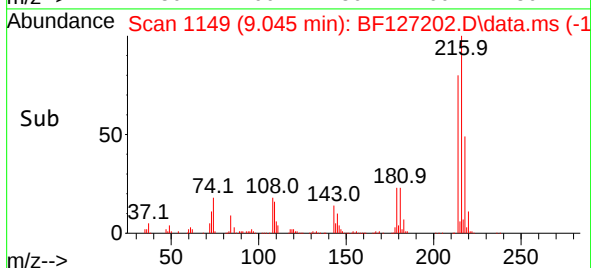
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

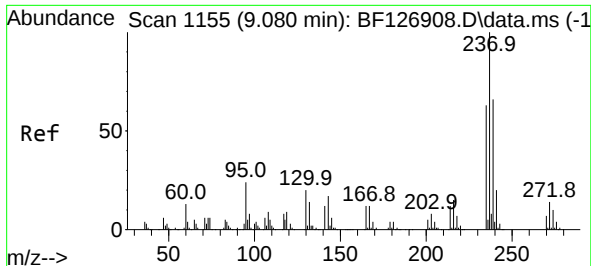


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.897 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



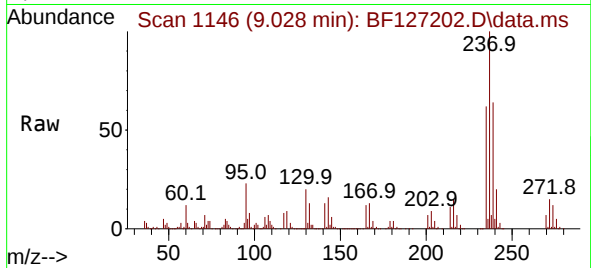
Tgt Ion:216 Resp: 250339
Ion Ratio Lower Upper
216 100
214 78.7 64.6 96.8
179 24.4 19.5 29.3
108 26.4 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 100.124 ng
RT: 9.028 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

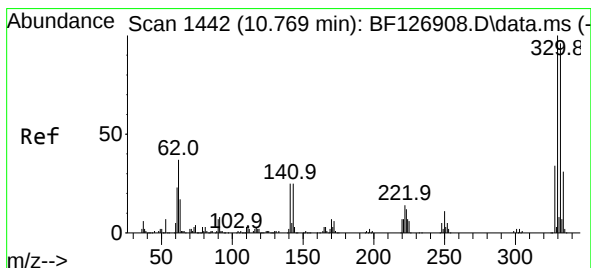
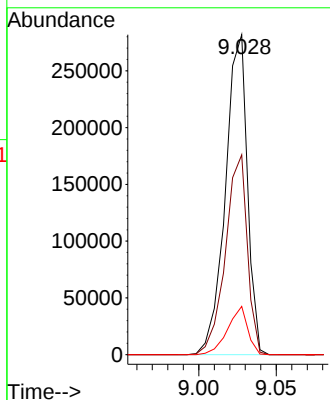
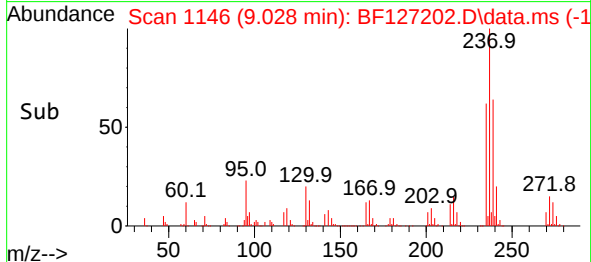
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



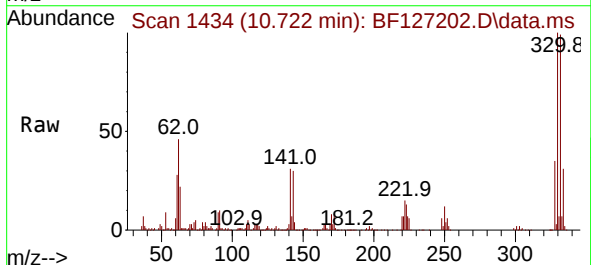
Tgt Ion:237 Resp: 278020
Ion Ratio Lower Upper
237 100
235 62.5 38.9 78.9
272 15.1 0.0 33.5

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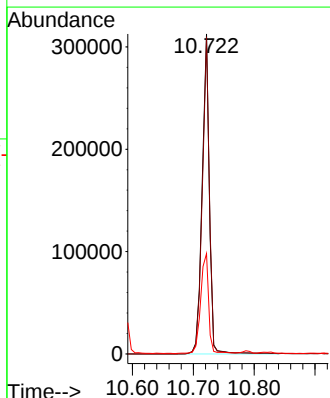
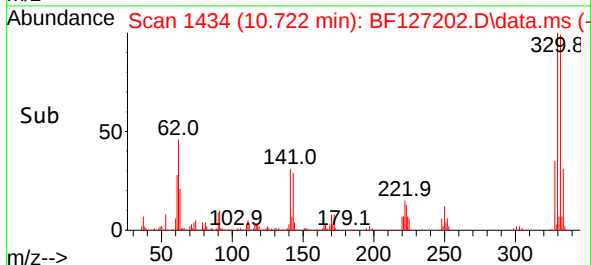
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

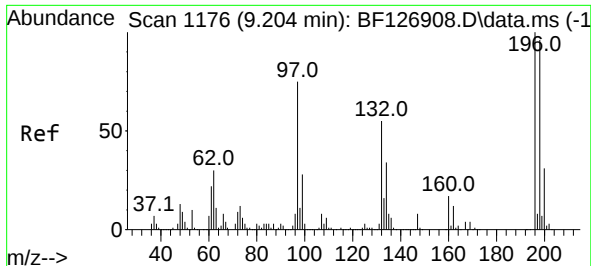


#42
2,4,6-Tribromophenol
Concen: 114.284 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion:330 Resp: 255917
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 34.8 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 44.890 ng

RT: 9.157 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:196 Resp: 16856

Ion Ratio Lower Upper

196 100

198 95.0 78.5 117.7

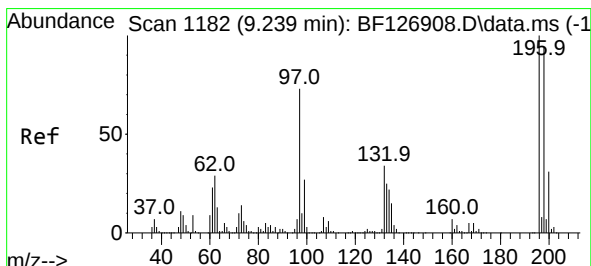
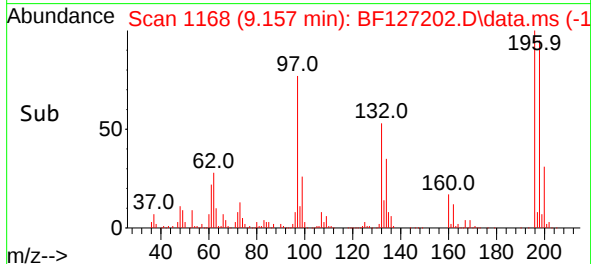
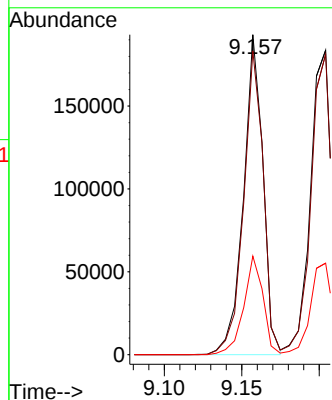
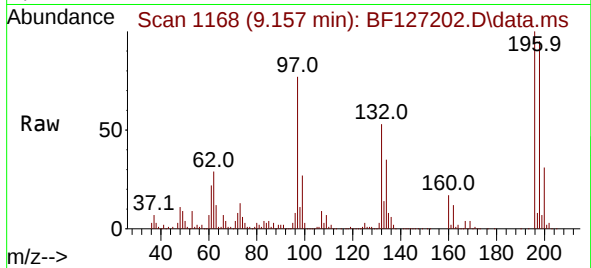
200 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#44

2,4,5-Trichlorophenol

Concen: 46.196 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Tgt Ion:196 Resp: 182540

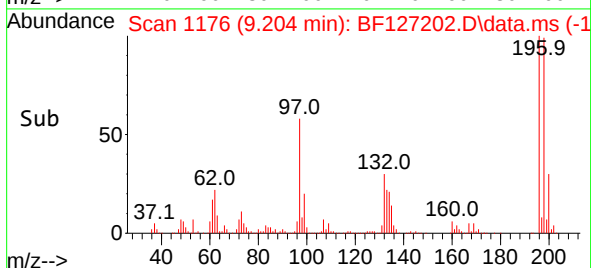
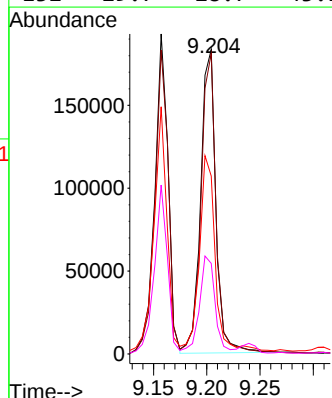
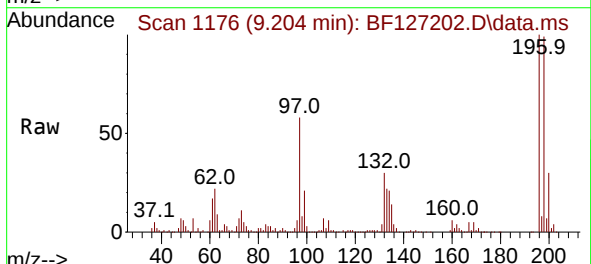
Ion Ratio Lower Upper

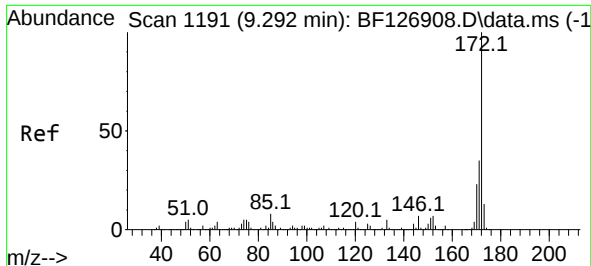
196 100

198 98.7 82.0 123.0

97 58.4 53.5 80.3

132 29.7 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 69.601 ng

RT: 9.239 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

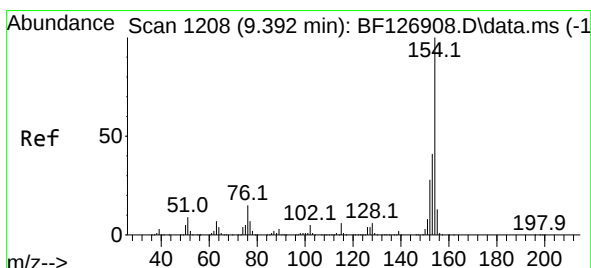
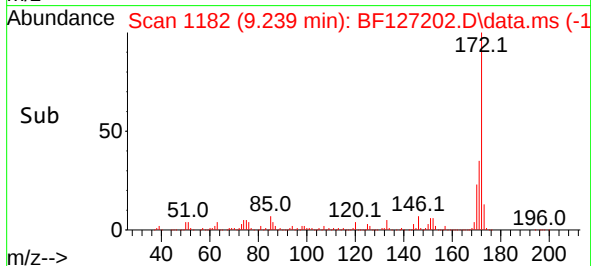
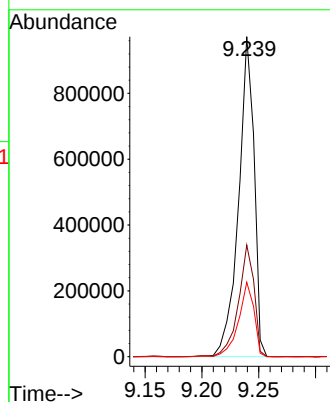
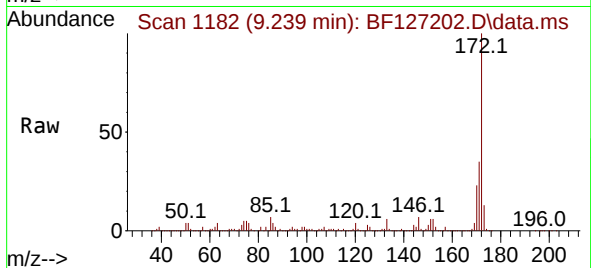
Tgt Ion:	172	Resp:	919524
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.3	42.5
170	23.3	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#46

1,1'-Biphenyl

Concen: 45.830 ng

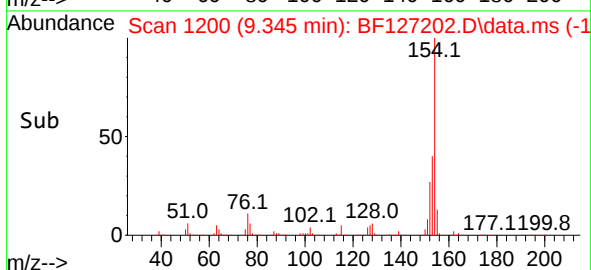
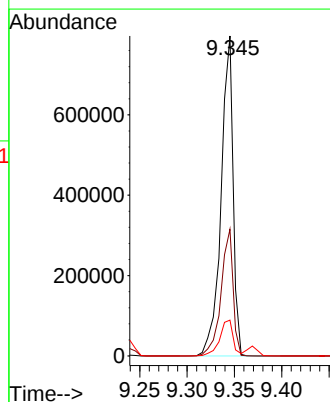
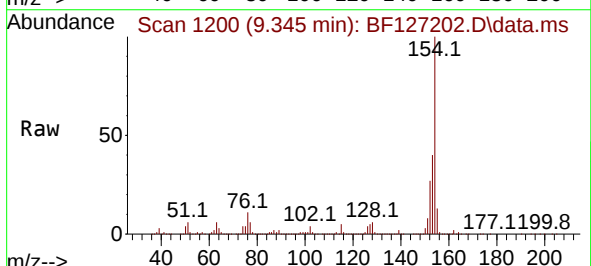
RT: 9.345 min Scan# 1200

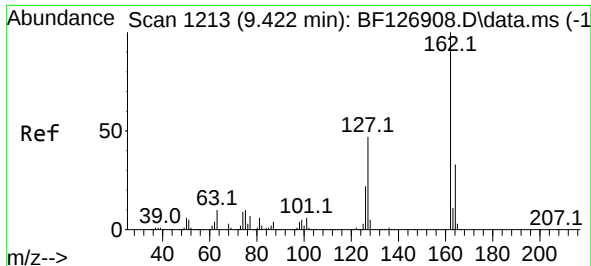
Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

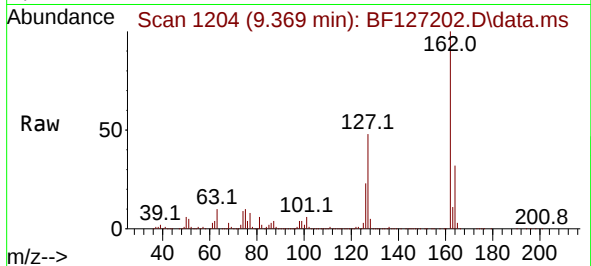
Tgt Ion:	154	Resp:	706202
Ion Ratio	Lower	Upper	
154	100		
153	39.6	19.0	59.0
76	11.2	0.0	34.5





#47
2-Chloronaphthalene
Concen: 45.831 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

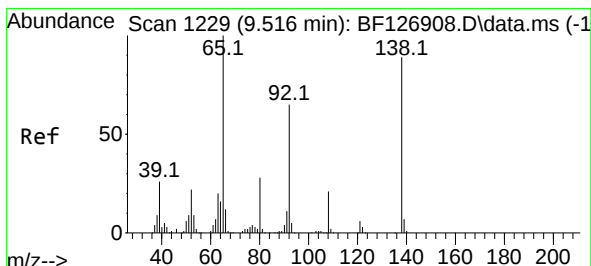
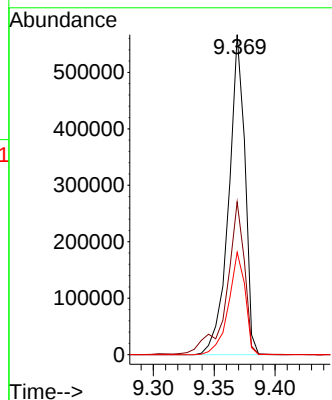
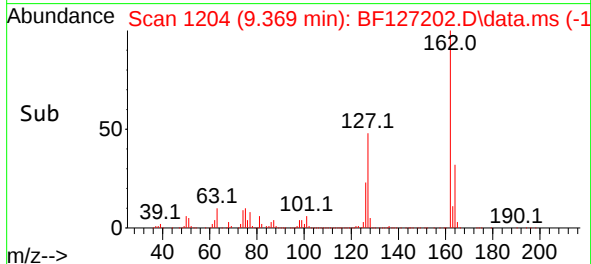
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



Tgt Ion:162 Resp: 523700
Ion Ratio Lower Upper
162 100
127 47.7 33.5 50.3
164 32.0 26.2 39.4

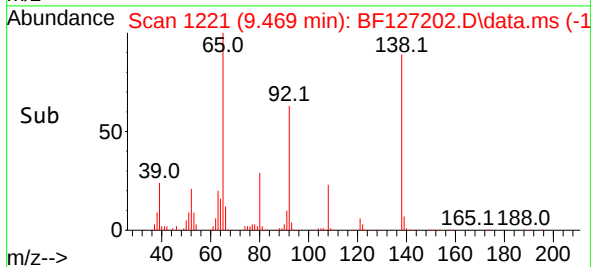
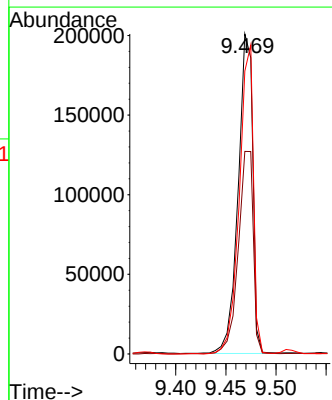
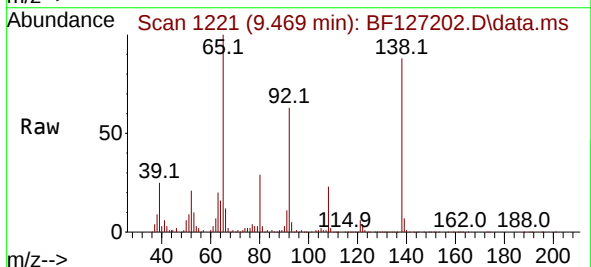
Manual Integrations
APPROVED

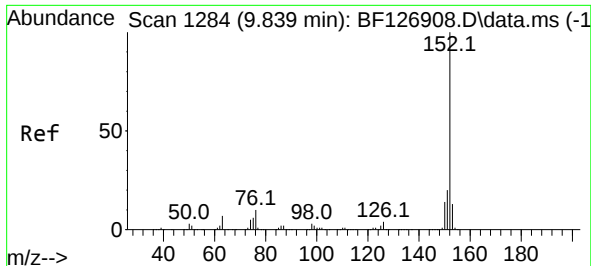
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#48
2-Nitroaniline
Concen: 45.184 ng
RT: 9.469 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion: 65 Resp: 203744
Ion Ratio Lower Upper
65 100
92 63.3 54.4 81.6
138 88.4 72.5 108.7





#49

Acenaphthylene

Concen: 46.760 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

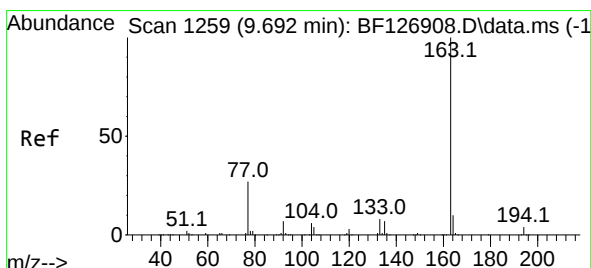
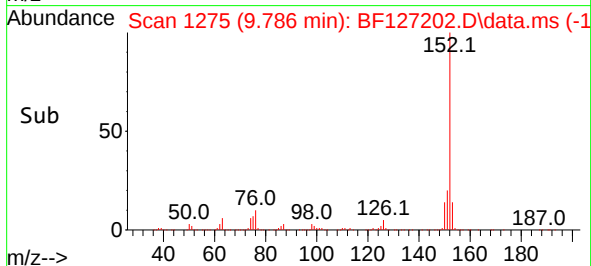
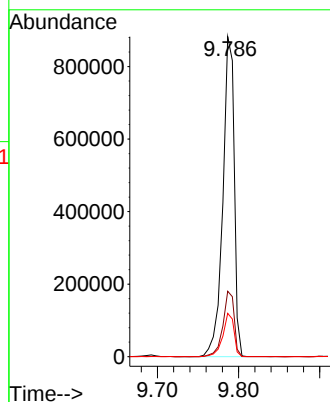
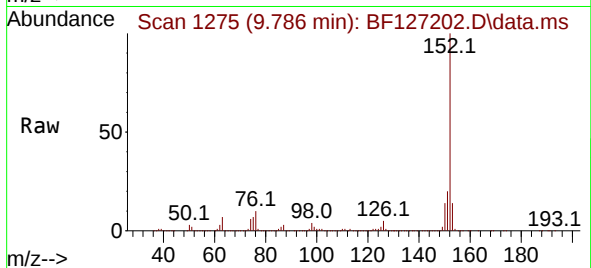
C0AB1MSD

Tgt Ion:152 Resp: 86794
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.7 23.5
 153 13.6 11.4 17.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2022
 Supervised By :Jagrut Upadhyay 03/07/2022



#50

Dimethylphthalate

Concen: 44.894 ng

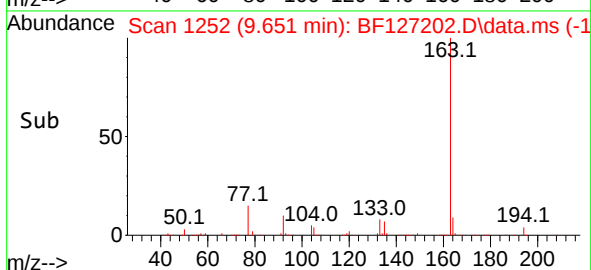
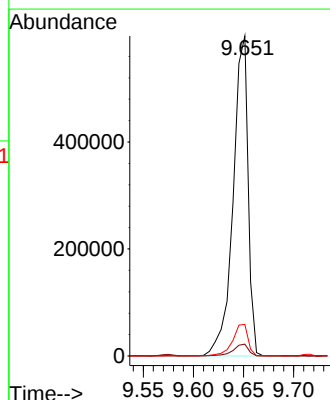
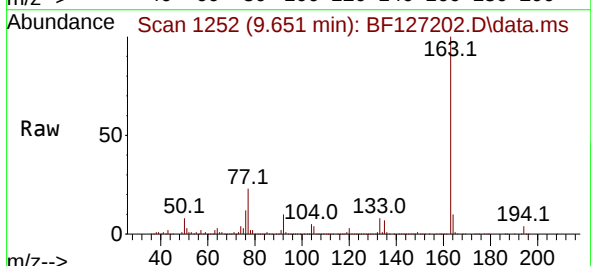
RT: 9.651 min Scan# 1252

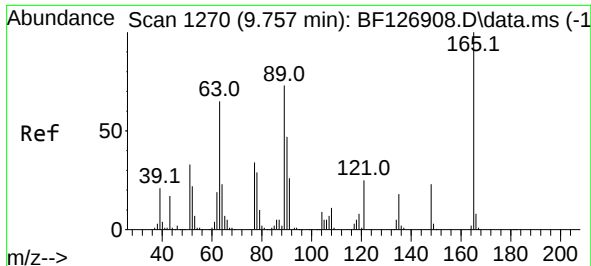
Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

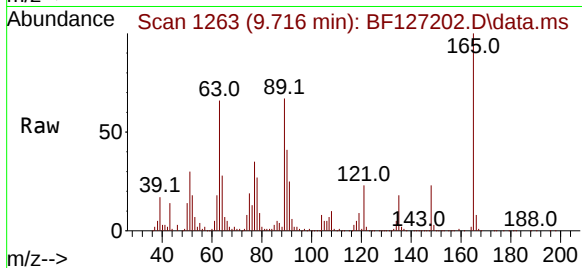
Tgt Ion:163 Resp: 624119
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 3.8
 164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 48.236 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

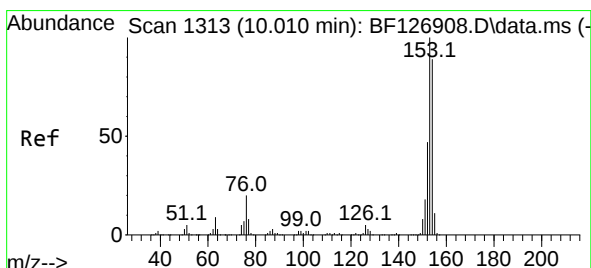
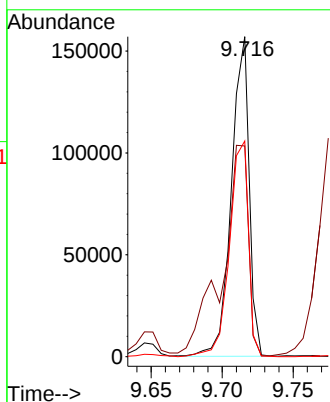
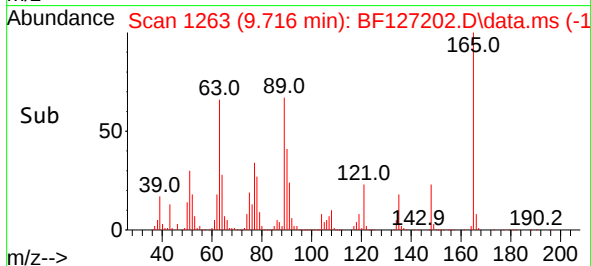
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



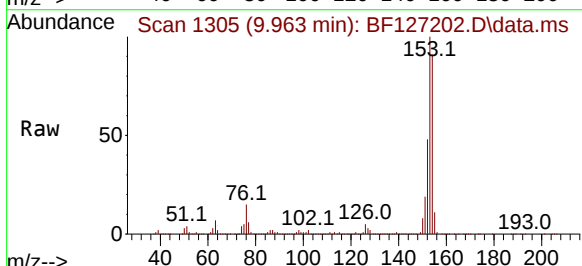
Tgt Ion:165 Resp: 13643
Ion Ratio Lower Upper
165 100
63 65.8 48.4 72.6
89 67.4 50.5 75.7

Manual Integrations
APPROVED

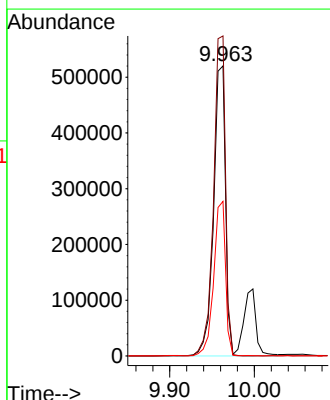
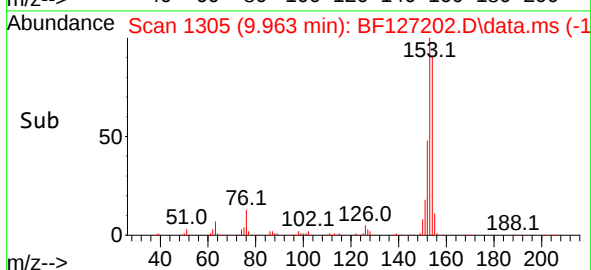
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

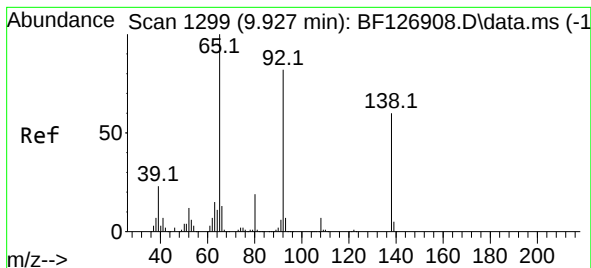


#52
Acenaphthene
Concen: 52.152 ng m
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion:154 Resp: 629549
Ion Ratio Lower Upper
154 100
153 110.3 87.8 131.6
152 53.3 39.4 59.2





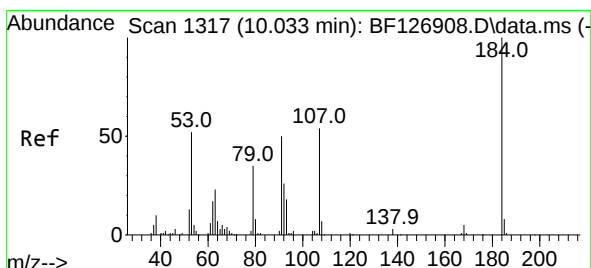
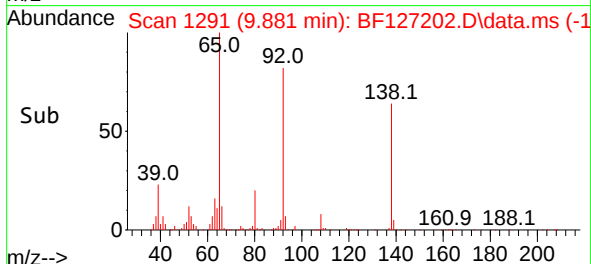
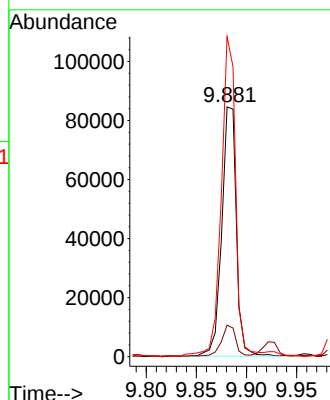
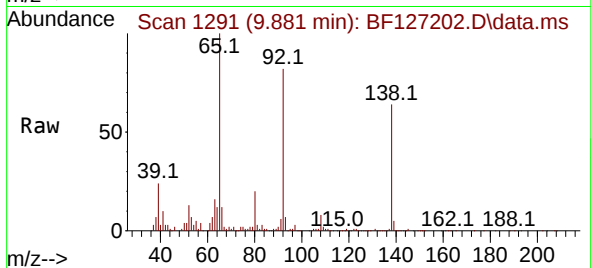
#53
3-Nitroaniline
Concen: 24.649 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:138 Resp: 8522
Ion Ratio Lower Upper
138 100
108 12.7 8.6 13.0
92 128.1 105.0 157.6

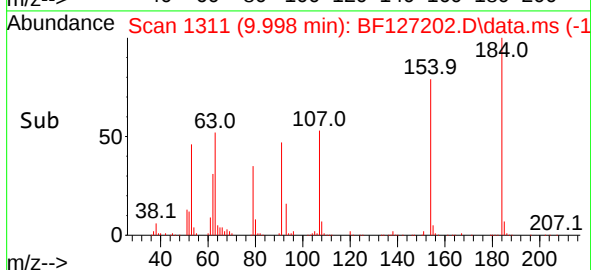
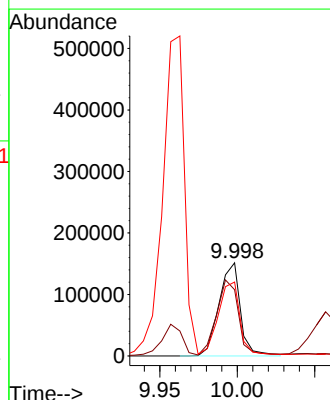
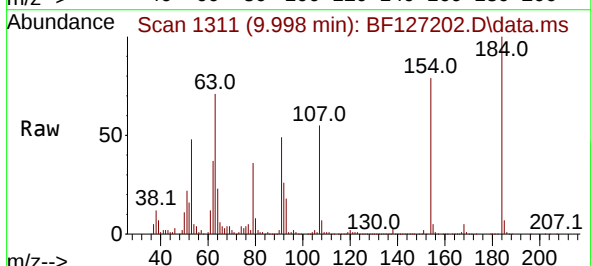
Manual Integrations
APPROVED

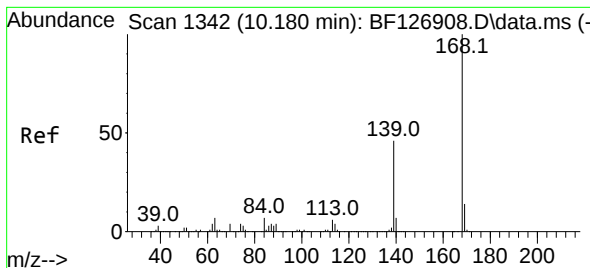
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#54
2,4-Dinitrophenol
Concen: 97.609 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Tgt Ion:184 Resp: 146127
Ion Ratio Lower Upper
184 100
63 71.1 70.4 105.6
154 79.4 49.7 74.5#





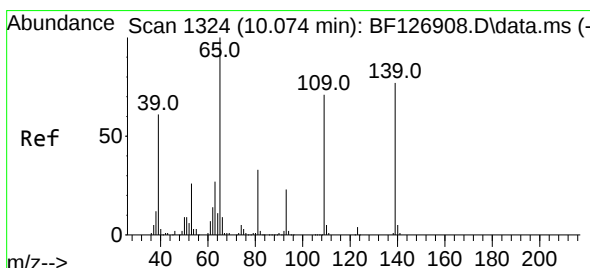
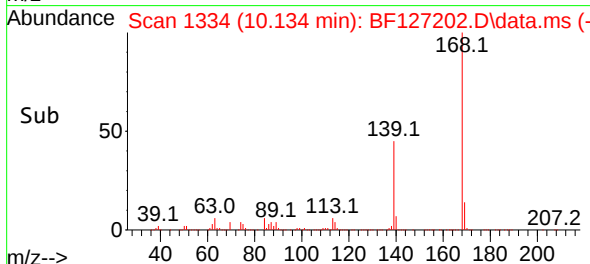
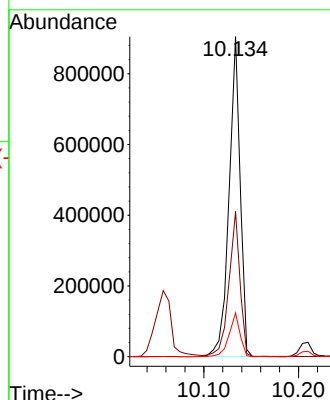
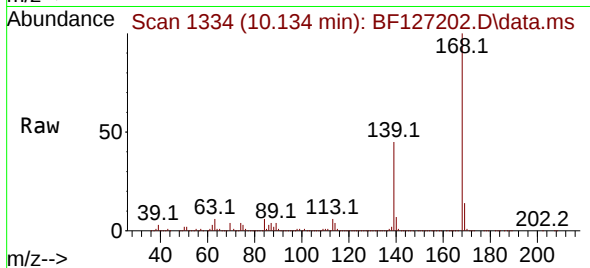
#55
Dibenzenofuran
Concen: 44.489 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:168 Resp: 73847
Ion Ratio Lower Upper
168 100
139 45.3 30.6 46.0
169 13.6 10.0 15.0

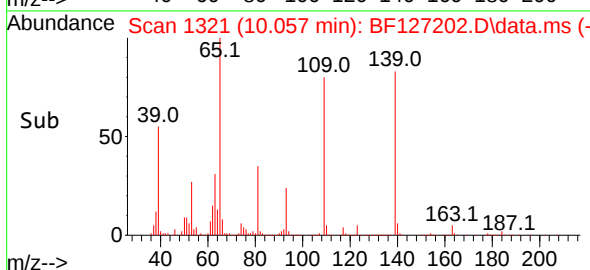
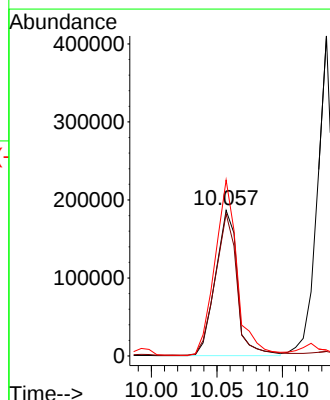
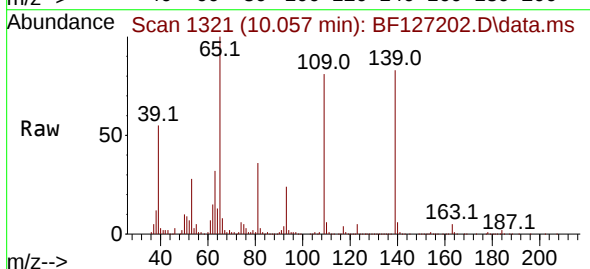
Manual Integrations
APPROVED

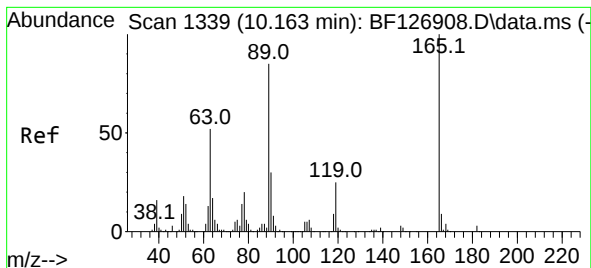
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#56
4-Nitrophenol
Concen: 84.981 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

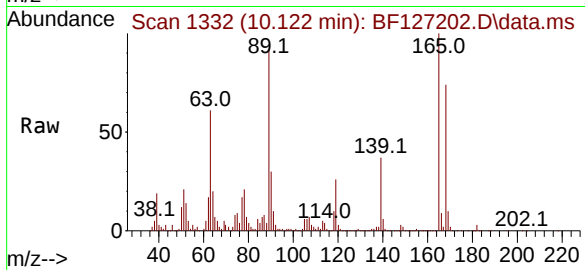
Tgt Ion:139 Resp: 217005
Ion Ratio Lower Upper
139 100
109 97.5 44.1 84.1#
65 120.8 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 47.547 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

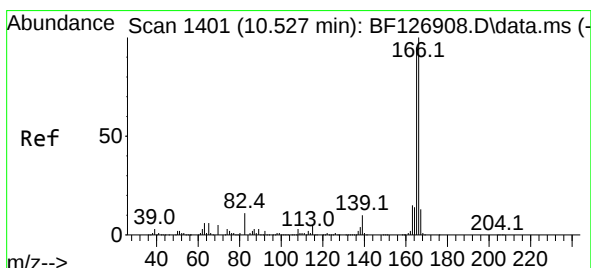
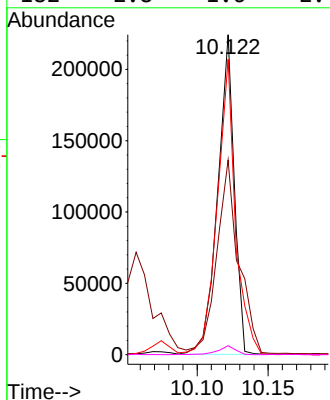
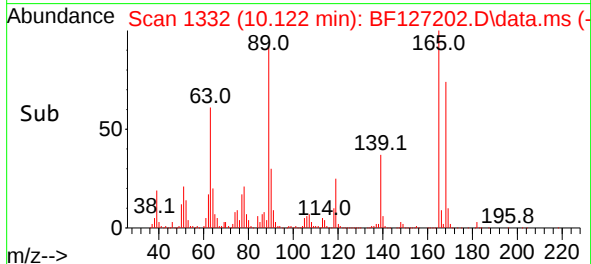
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



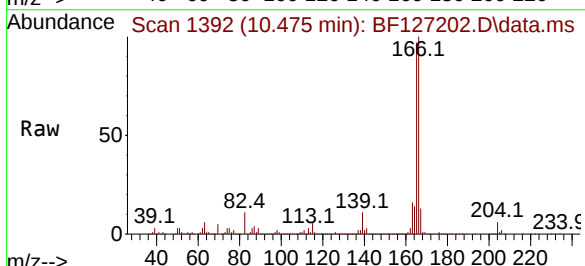
Tgt Ion:165 Resp: 18183
Ion Ratio Lower Upper
165 100
63 60.9 43.0 64.6
89 92.3 71.0 106.4
182 2.8 1.6 2.4#

Manual Integrations
APPROVED

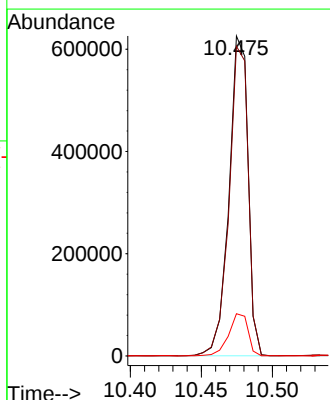
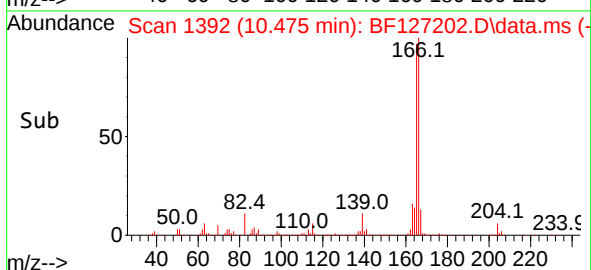
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

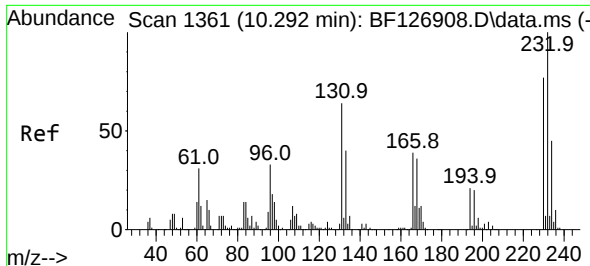


#58
Fluorene
Concen: 45.221 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



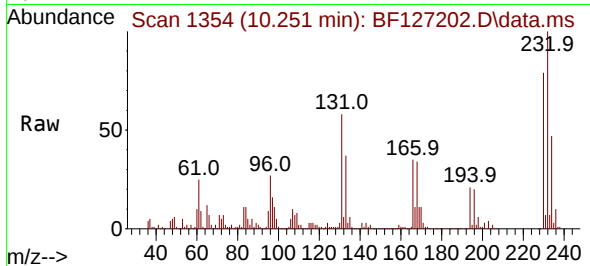
Tgt Ion:166 Resp: 584693
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.590 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

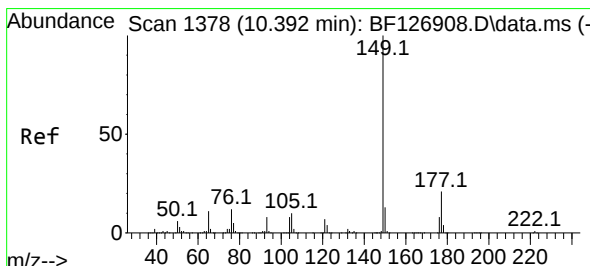
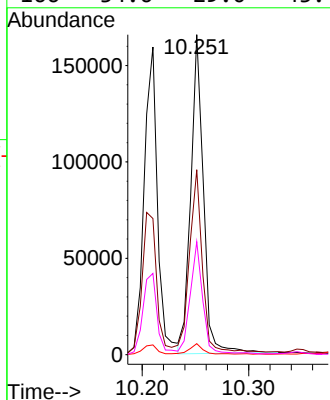
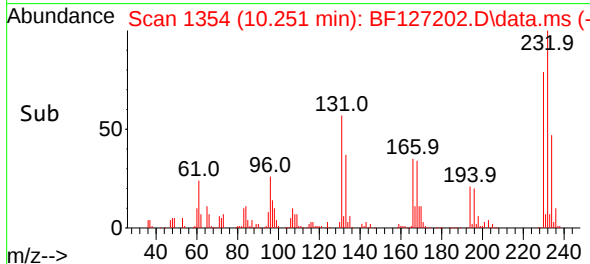
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



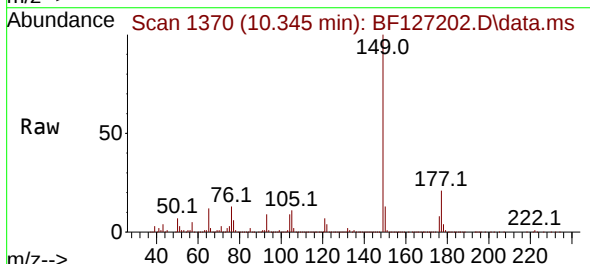
Tgt Ion:232 Resp: 136550
Ion Ratio Lower Upper
232 100
131 58.4 50.0 75.0
130 3.4 2.2 3.2
166 34.6 29.0 43.4

Manual Integrations
APPROVED

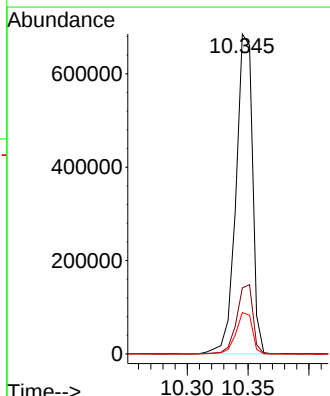
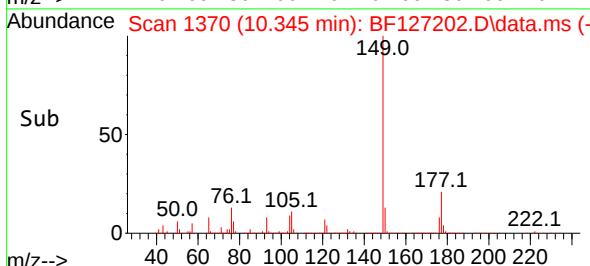
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

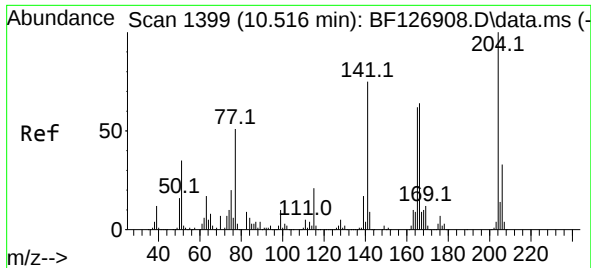


#60
Diethylphthalate
Concen: 44.633 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion:149 Resp: 648350
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.9 9.8 14.8





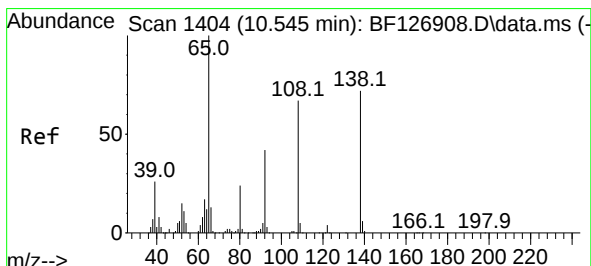
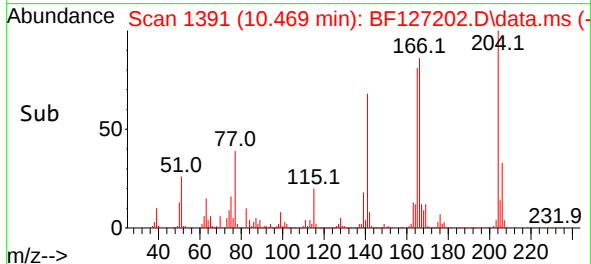
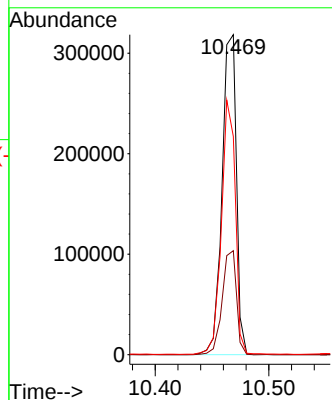
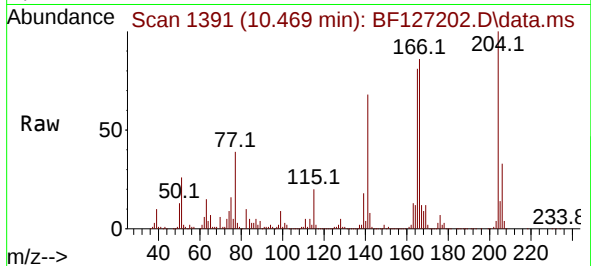
#61
4-Chlorophenyl-phenylether
Concen: 46.061 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:204 Resp: 280820
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 68.2 59.0 88.6

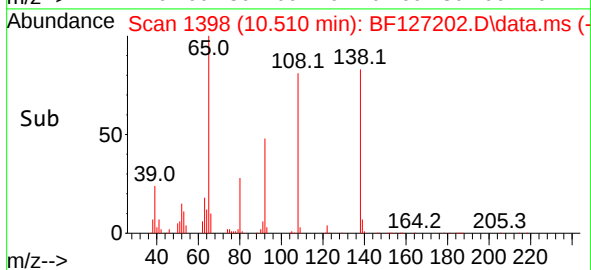
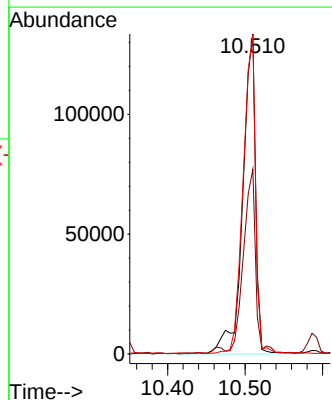
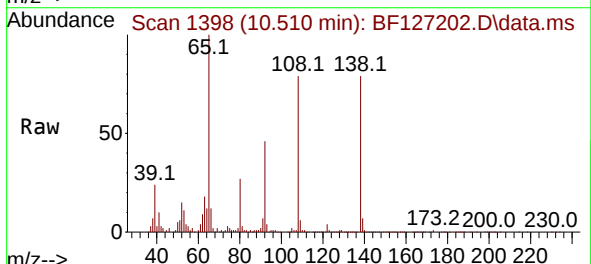
Manual Integrations
APPROVED

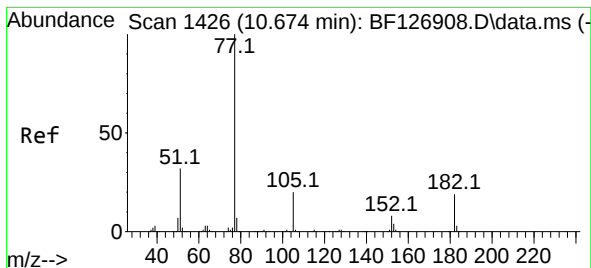
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#62
4-Nitroaniline
Concen: 45.041 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.012 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

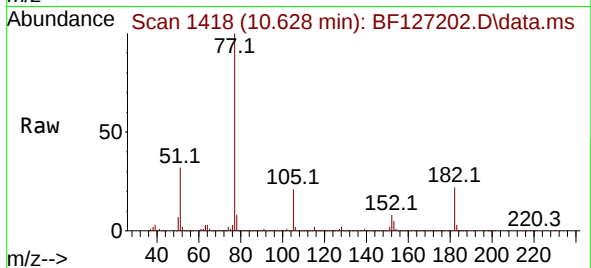
Tgt Ion:138 Resp: 153778
Ion Ratio Lower Upper
138 100
92 57.7 36.2 76.2
108 99.8 46.7 86.7#





#63
Azobenzene
Concen: 42.810 ng
RT: 10.628 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

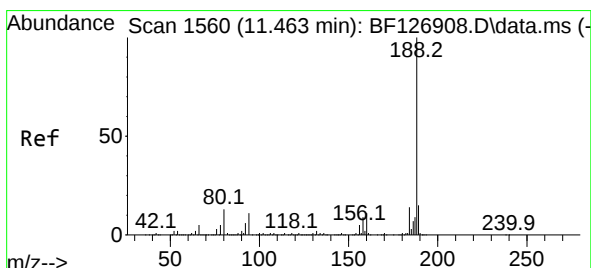
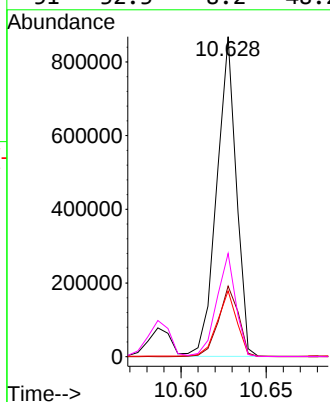
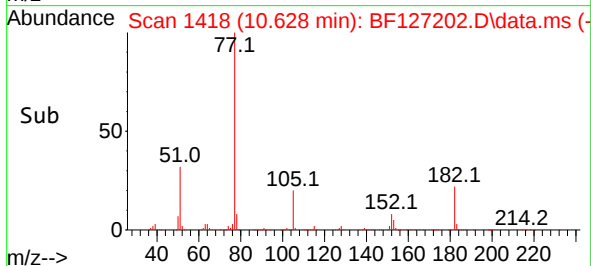
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



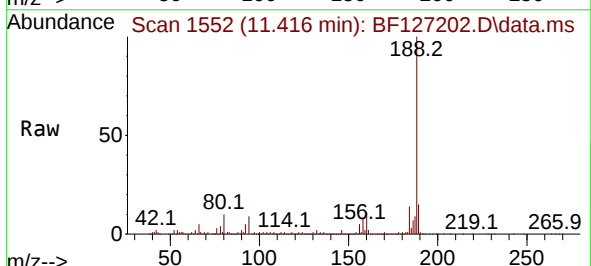
Tgt Ion: 77 Resp: 692478
Ion Ratio Lower Upper
77 100
182 22.0 0.0 39.0
105 20.6 3.2 43.2
51 32.3 8.2 48.2

Manual Integrations
APPROVED

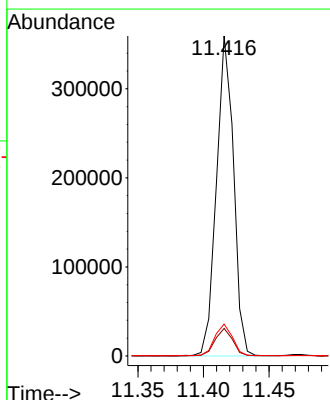
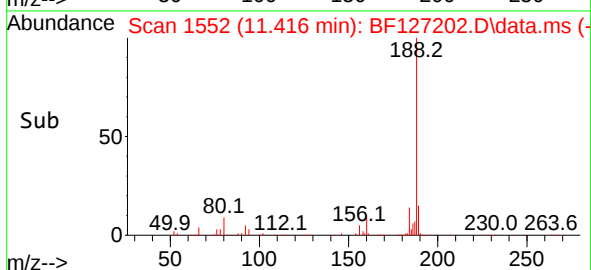
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

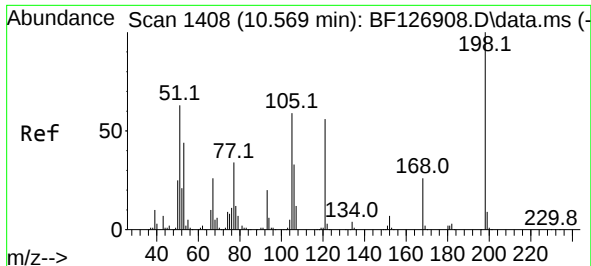


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion:188 Resp: 325184
Ion Ratio Lower Upper
188 100
94 8.6 10.1 15.1#
80 10.0 11.8 17.6#





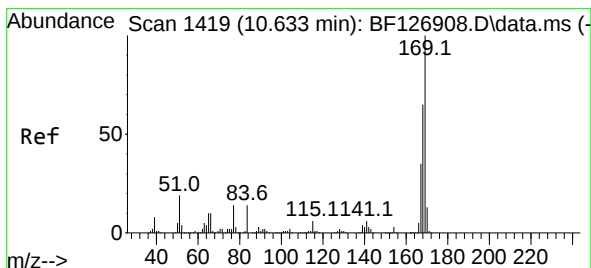
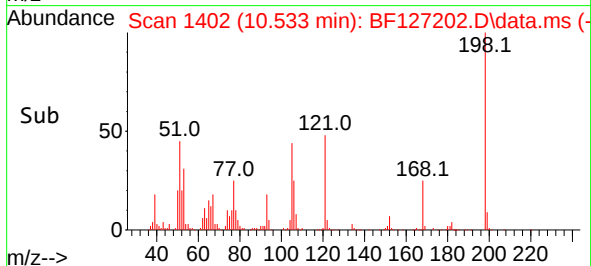
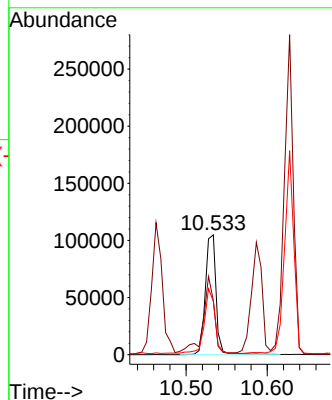
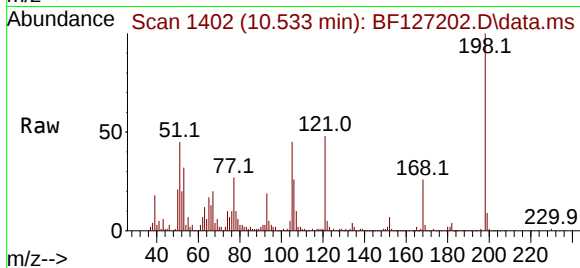
#65
4,6-Dinitro-2-methylphenol
Concen: 50.636 ng
RT: 10.533 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:198 Resp: 96748
Ion Ratio Lower Upper
198 100
51 45.3 32.0 72.0
105 44.6 32.7 72.7

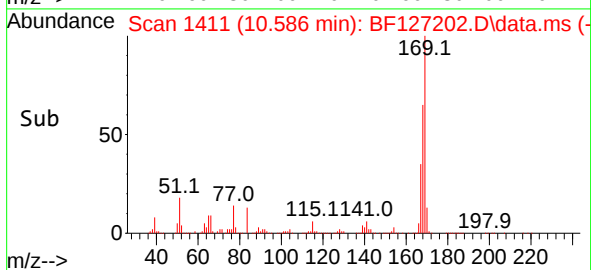
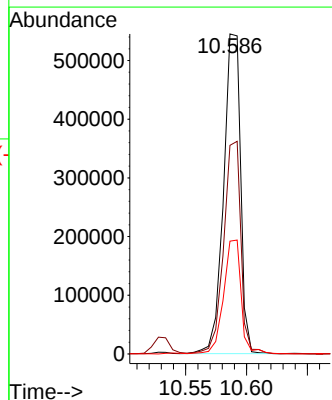
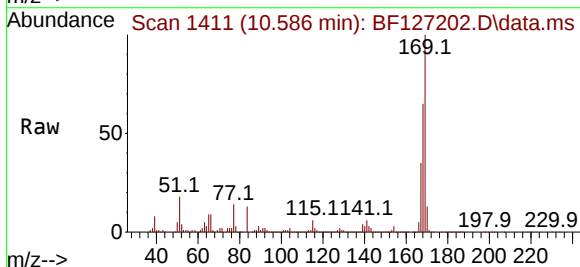
Manual Integrations
APPROVED

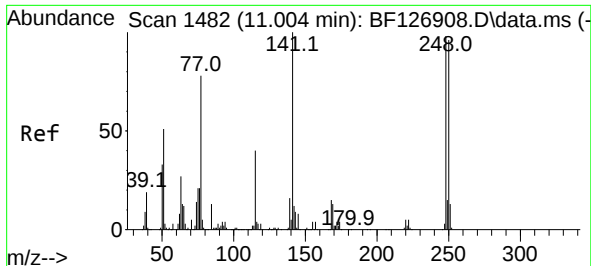
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#66
n-Nitrosodiphenylamine
Concen: 49.709 ng
RT: 10.586 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

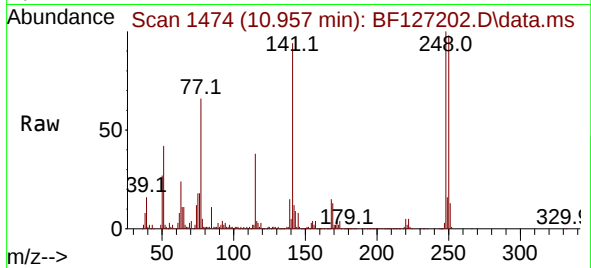
Tgt Ion:169 Resp: 530044
Ion Ratio Lower Upper
169 100
168 65.2 53.4 80.0
167 35.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 50.145 ng
RT: 10.957 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

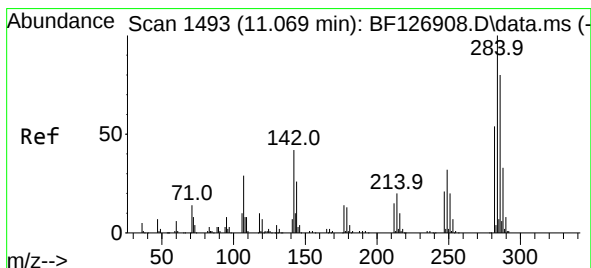
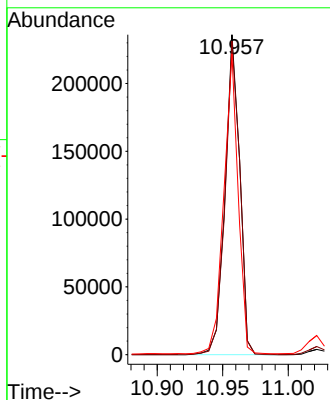
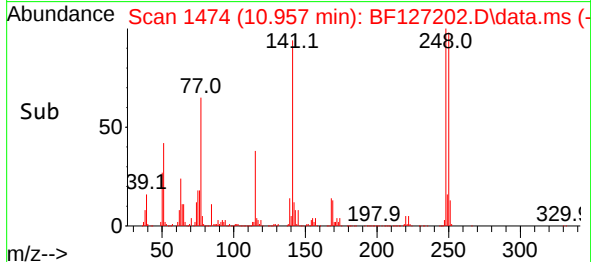
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



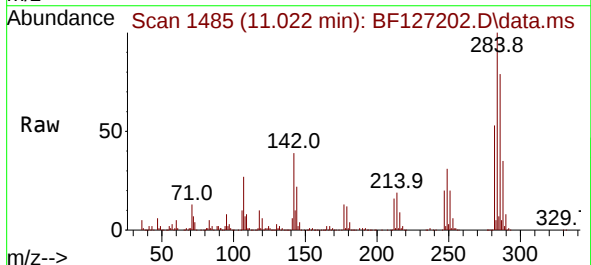
Tgt Ion:248 Resp: 182190
Ion Ratio Lower Upper
248 100
250 98.0 76.2 114.4
141 94.0 66.2 99.4

Manual Integrations
APPROVED

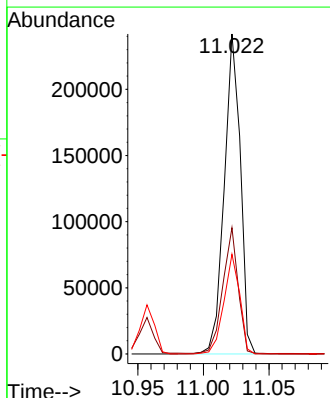
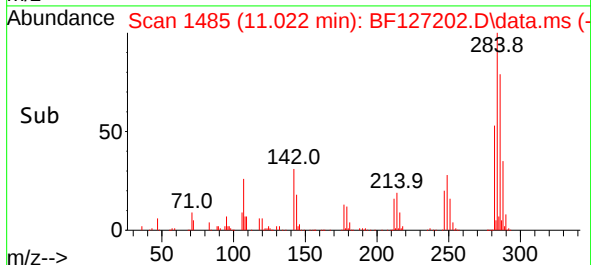
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

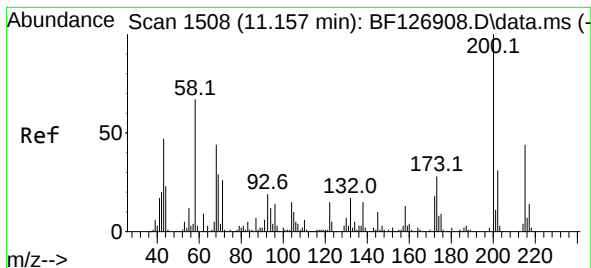


#68
Hexachlorobenzene
Concen: 52.459 ng
RT: 11.022 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion:284 Resp: 205188
Ion Ratio Lower Upper
284 100
142 39.4 30.7 46.1
249 31.1 21.1 31.7





#69

Atrazine

Concen: 51.182 ng

RT: 11.116 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:200 Resp: 16926

Ion Ratio Lower Upper

200 100

173 27.0 9.2 49.2

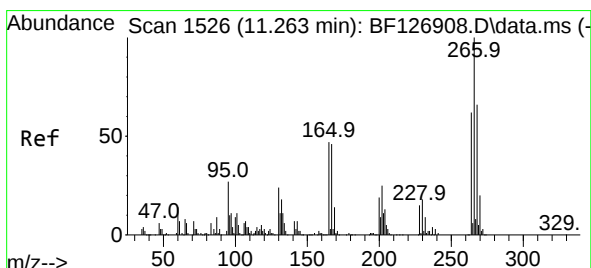
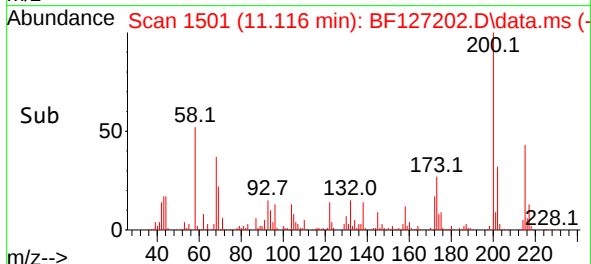
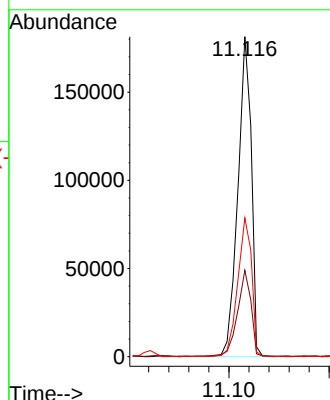
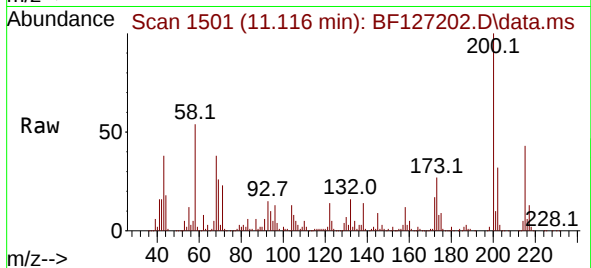
215 43.4 23.2 63.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#70

Pentachlorophenol

Concen: 91.876 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

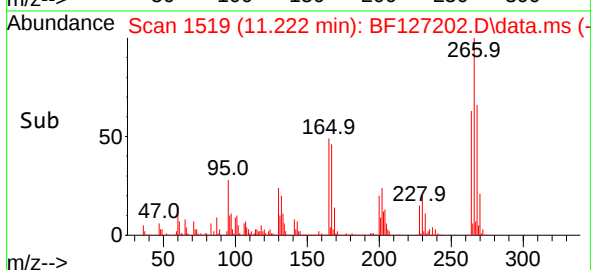
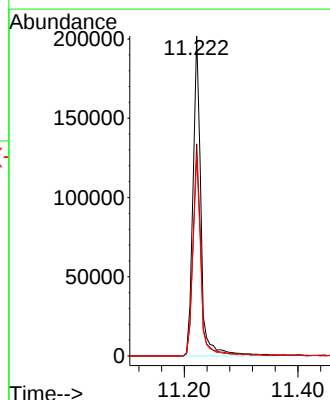
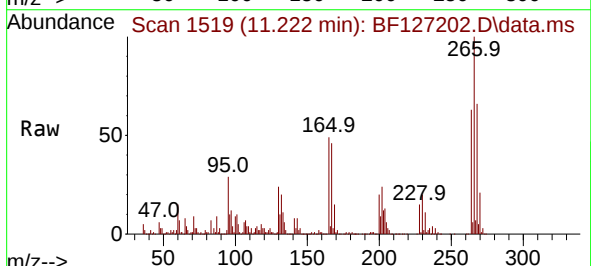
Tgt Ion:266 Resp: 196169

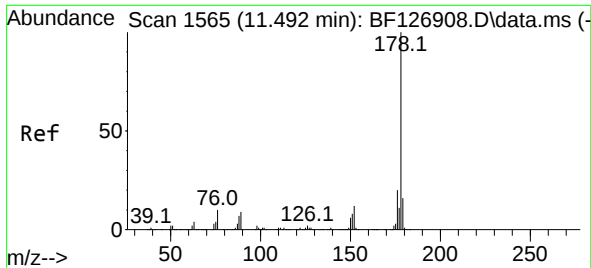
Ion Ratio Lower Upper

266 100

268 66.3 52.3 78.5

264 62.7 50.4 75.6





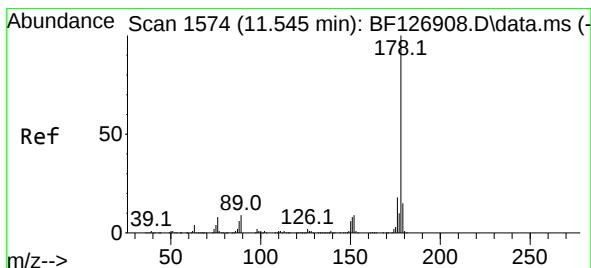
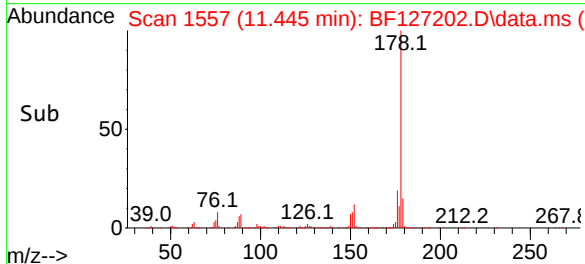
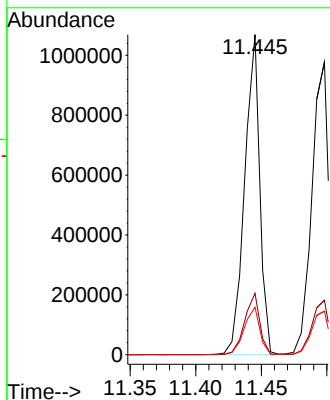
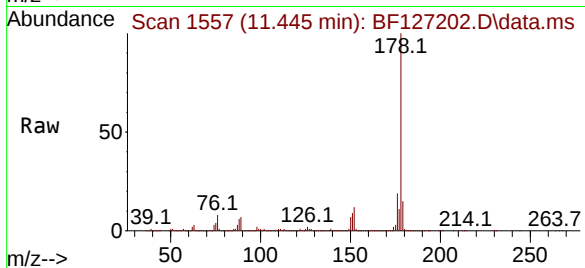
#71
Phenanthrene
Concen: 47.233 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:178 Resp: 859694
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.8 12.3 18.5

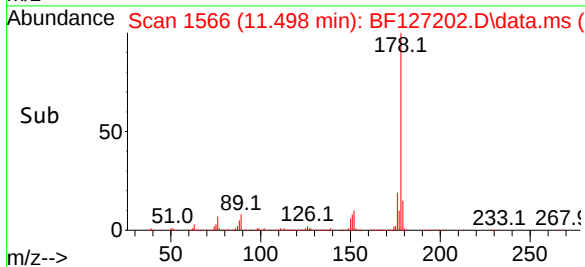
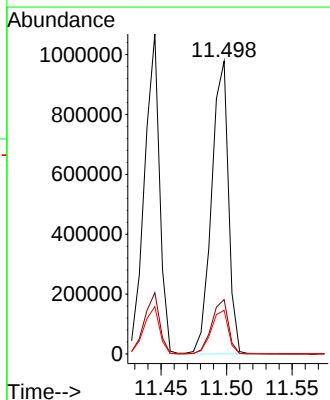
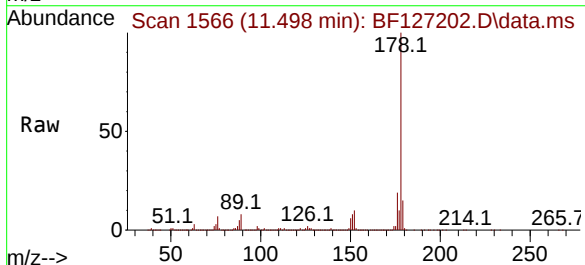
Manual Integrations
APPROVED

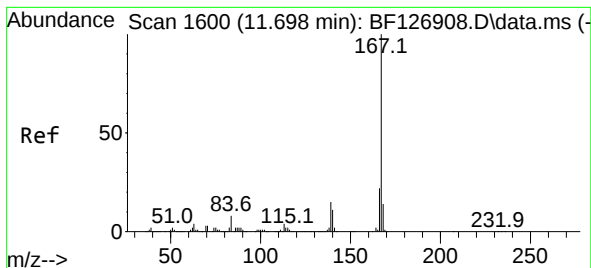
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#72
Anthracene
Concen: 48.238 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

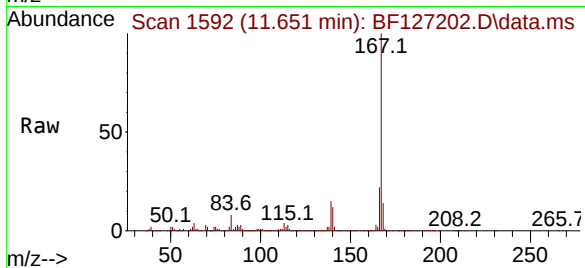
Tgt Ion:178 Resp: 874049
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 14.9 12.5 18.7





#73
 Carbazole
 Concen: 46.366 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: BF127202.D
 Acq: 04 Mar 2022 15:51

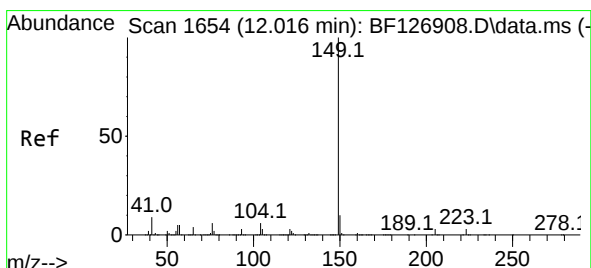
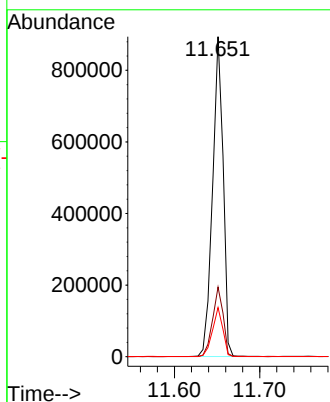
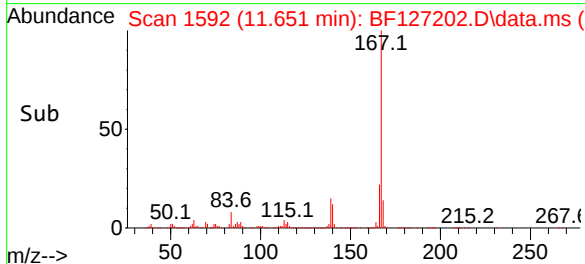
Instrument :
 BNA_F
 ClientSampleId :
 C0AB1MSD



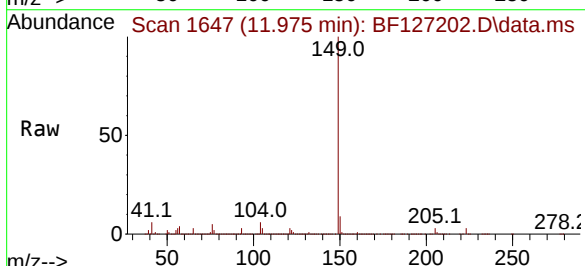
Tgt Ion:167 Resp: 77044
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 15.4 11.3 16.9

Manual Integrations
 APPROVED

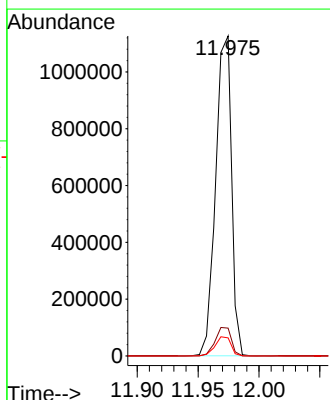
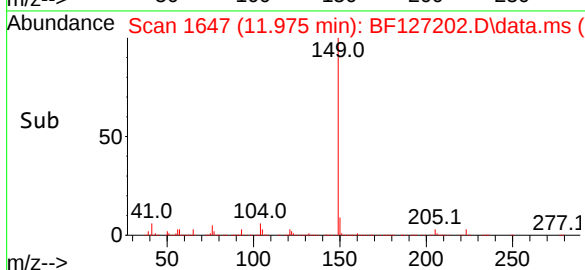
Reviewed By :Christian Giraldo 03/07/2022
 Supervised By :Jagrut Upadhyay 03/07/2022

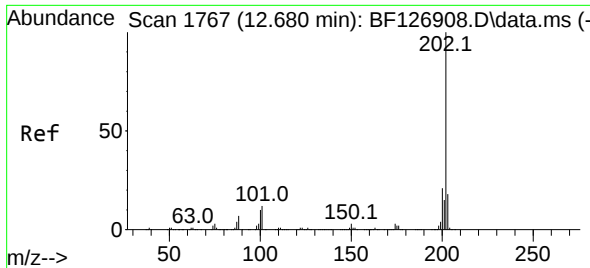


#74
 Di-n-butylphthalate
 Concen: 47.984 ng
 RT: 11.975 min Scan# 1647
 Delta R.T. 0.006 min
 Lab File: BF127202.D
 Acq: 04 Mar 2022 15:51



Tgt Ion:149 Resp: 1025026
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.2 10.8
 104 5.6 4.2 6.2





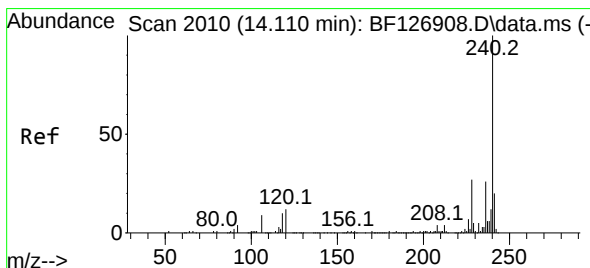
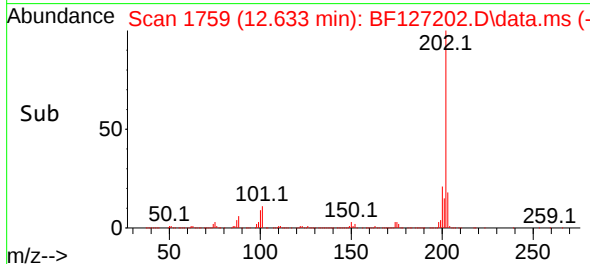
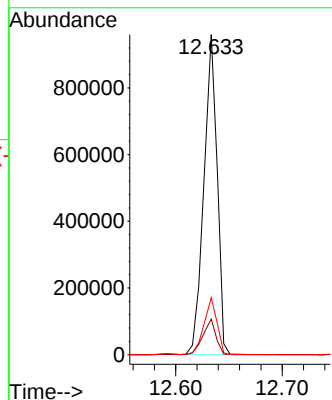
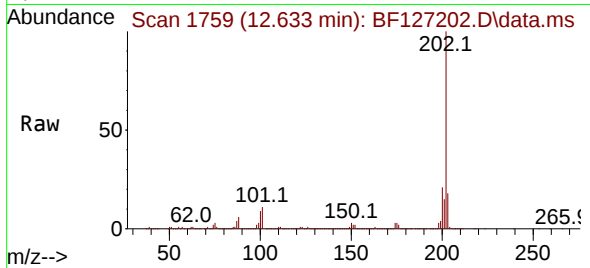
#75
Fluoranthene
Concen: 48.147 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
C0AB1MSD

Tgt Ion:202 Resp: 83208
Ion Ratio Lower Upper
202 100
101 11.2 0.0 35.7
203 17.8 0.0 37.1

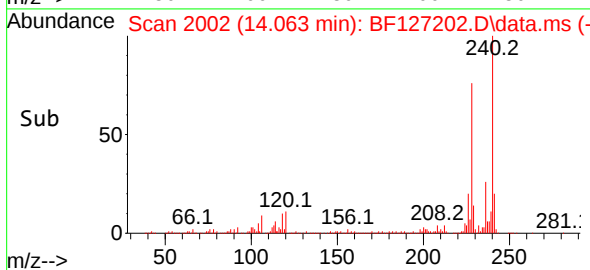
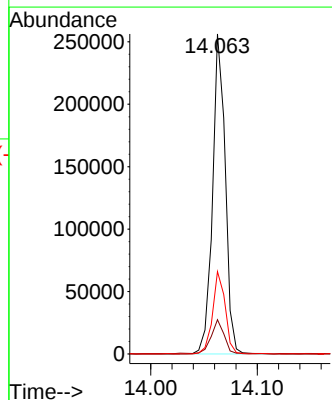
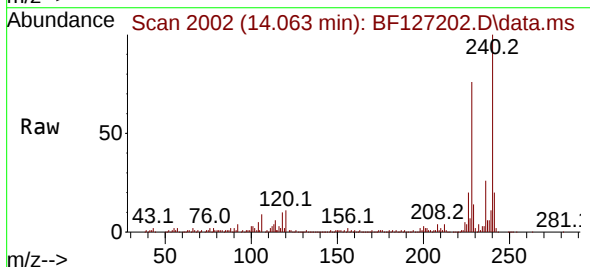
Manual Integrations
APPROVED

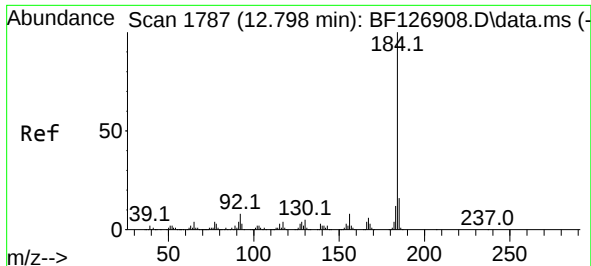
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

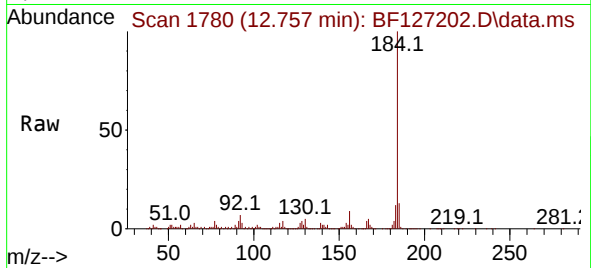
Tgt Ion:240 Resp: 211997
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 25.8 20.5 30.7





#77
Benzidine
Concen: 61.919 ng
RT: 12.757 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

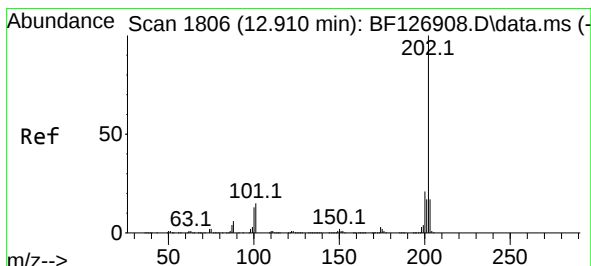
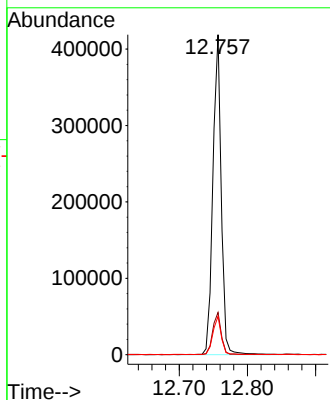
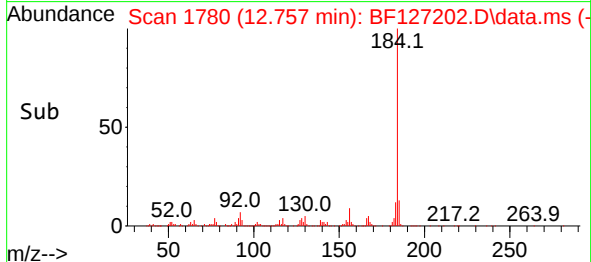
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



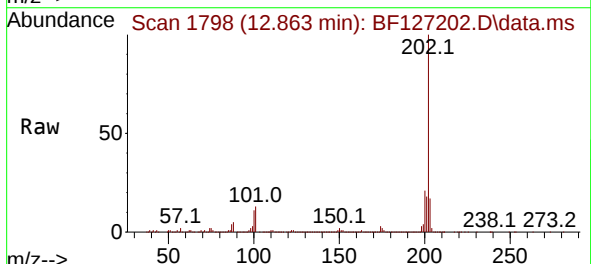
Tgt Ion:184 Resp: 356725
Ion Ratio Lower Upper
184 100
185 13.2 11.8 17.8
183 12.0 8.2 12.2

Manual Integrations
APPROVED

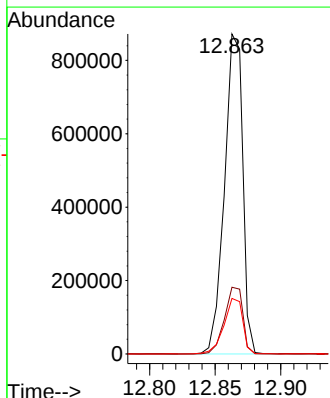
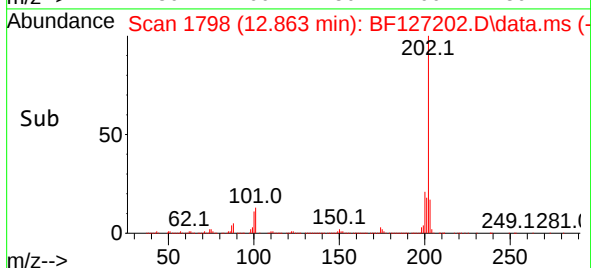
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

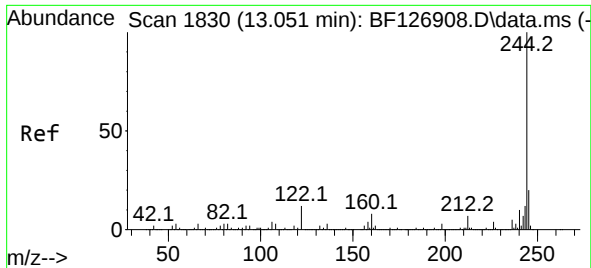


#78
Pyrene
Concen: 45.795 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



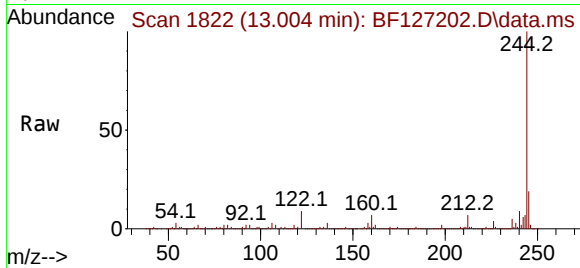
Tgt Ion:202 Resp: 843460
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.4 13.8 20.8





#79
Terphenyl-d14
Concen: 70.042 ng
RT: 13.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

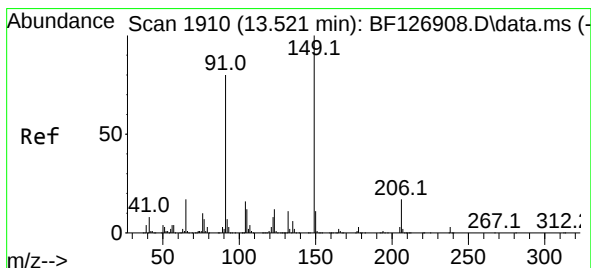
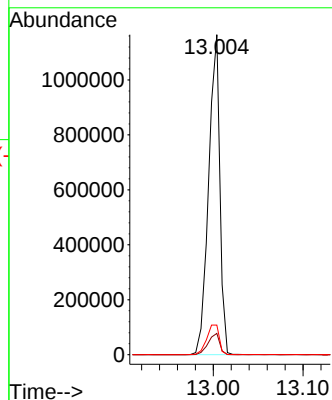
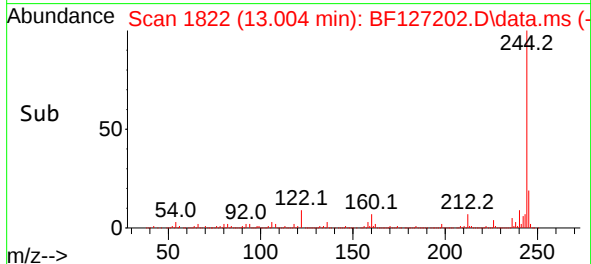
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



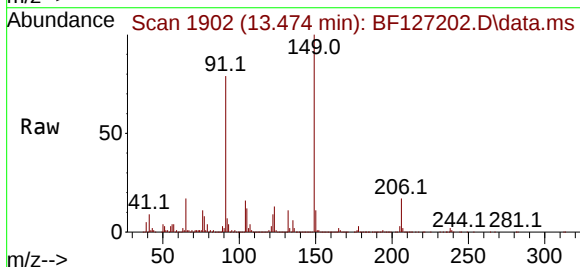
Tgt Ion:244 Resp: 1010083
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 9.2 13.3 19.9

Manual Integrations
APPROVED

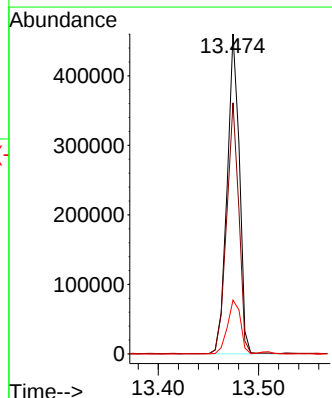
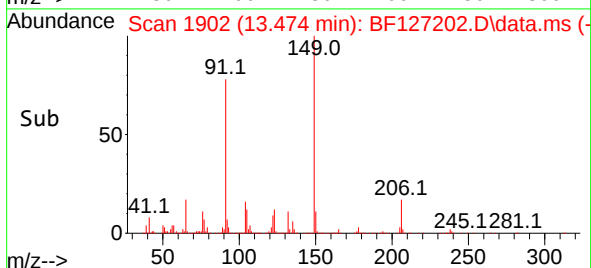
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

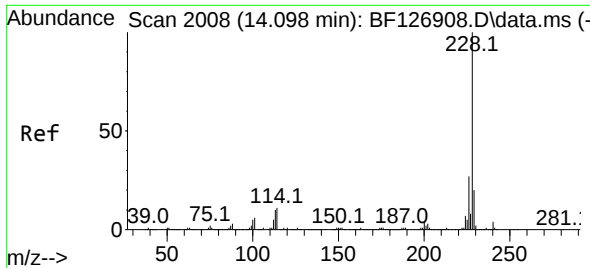


#80
Butylbenzylphthalate
Concen: 44.652 ng
RT: 13.474 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



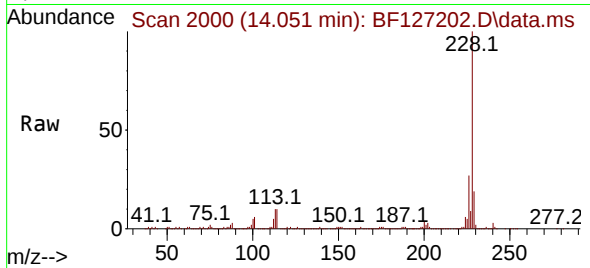
Tgt Ion:149 Resp: 389336
Ion Ratio Lower Upper
149 100
91 78.5 70.5 105.7
206 16.8 12.6 19.0





#81
Benzo(a)anthracene
Concen: 47.876 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

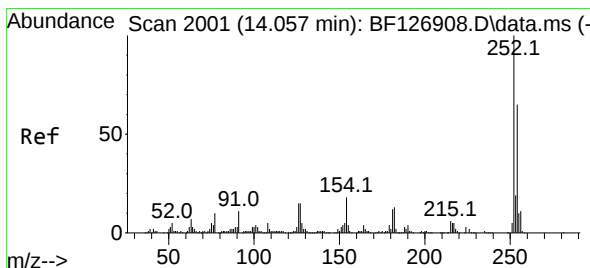
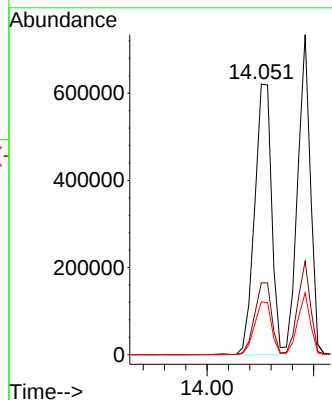
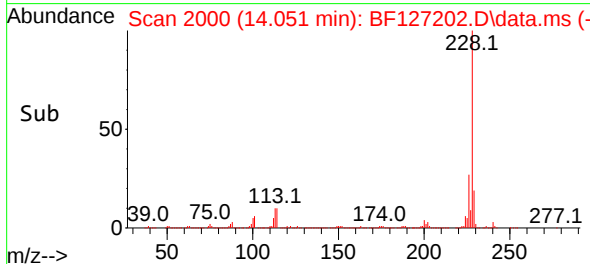
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



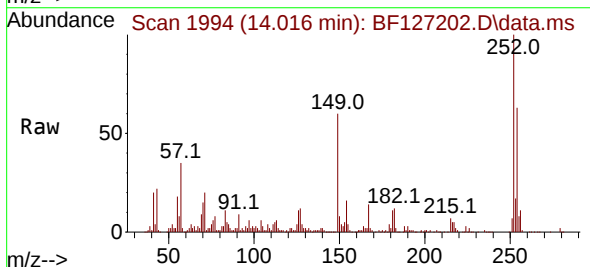
Tgt Ion:228 Resp: 68424
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.5 15.4 23.2

Manual Integrations
APPROVED

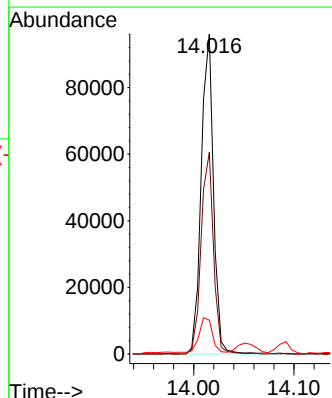
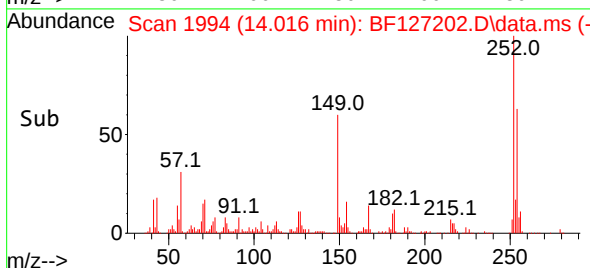
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

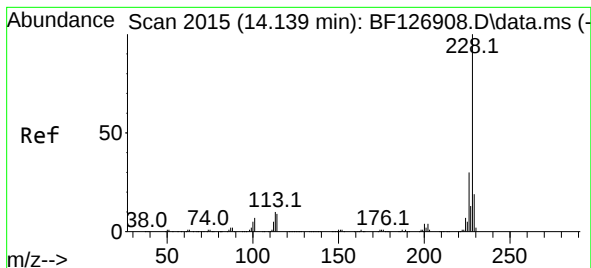


#82
3,3'-Dichlorobenzidine
Concen: 18.197 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion:252 Resp: 81962
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 10.6 13.4 20.0#





#83

Chrysene

Concen: 45.344 ng

RT: 14.092 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:228 Resp: 60942

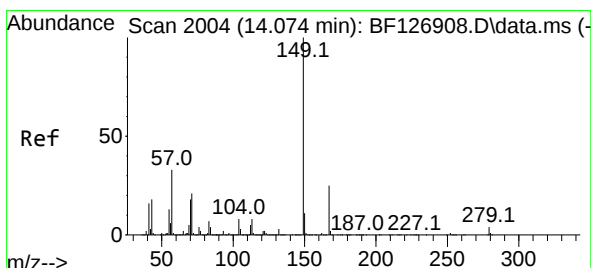
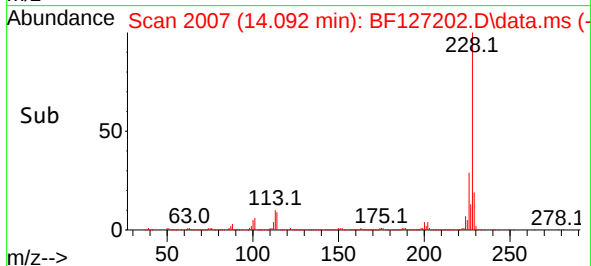
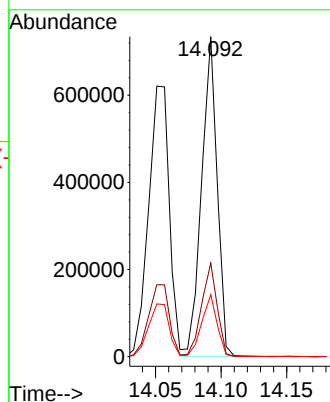
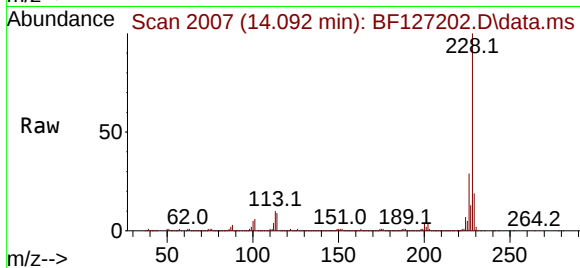
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	19.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.573 ng

RT: 14.027 min Scan# 1996

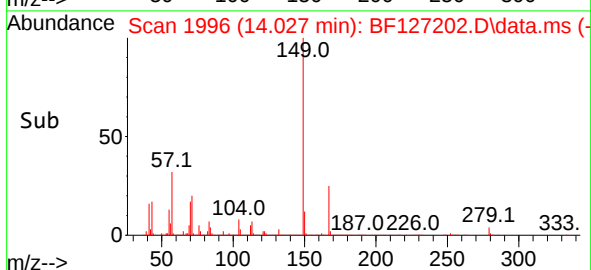
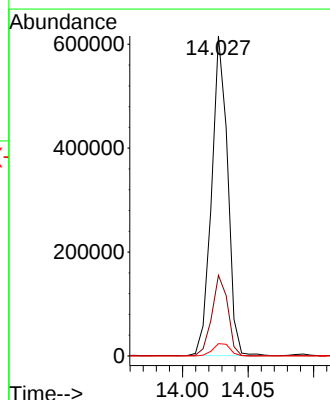
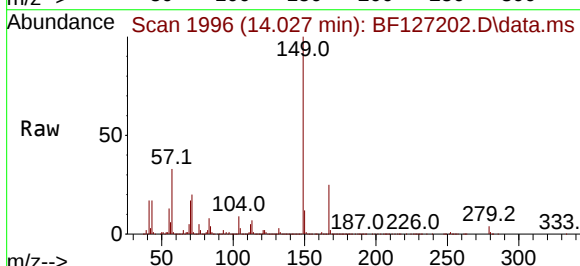
Delta R.T. 0.000 min

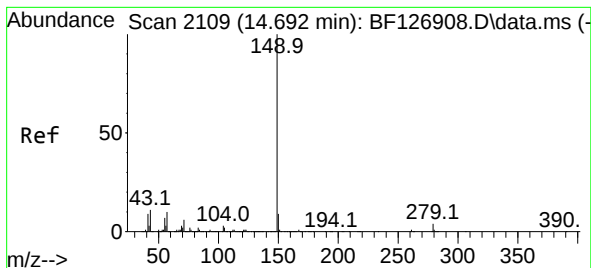
Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Tgt Ion:149 Resp: 521689

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.4	32.2
279	3.8	2.4	3.6





#85

Di-n-octyl phthalate

Concen: 46.971 ng

RT: 14.645 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:149 Resp: 77418

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

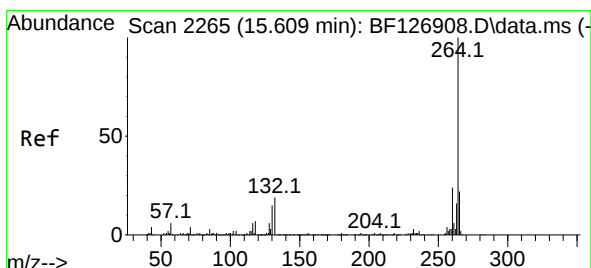
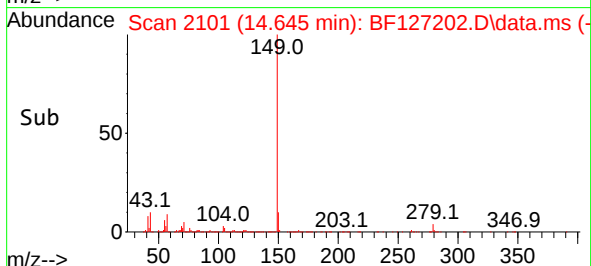
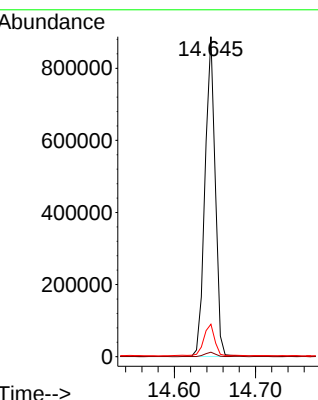
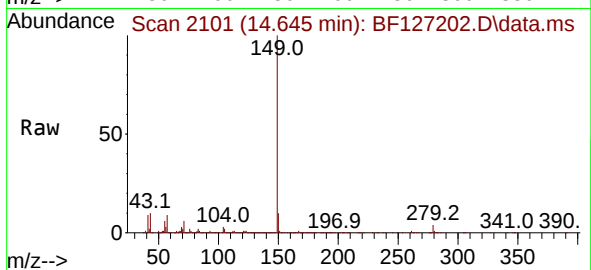
43 10.7 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

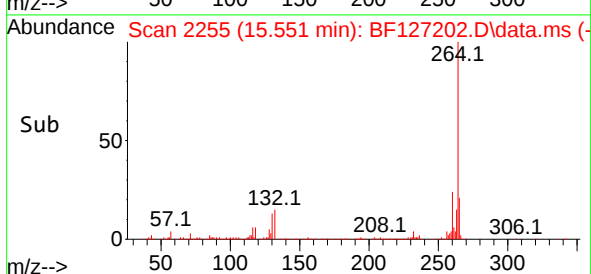
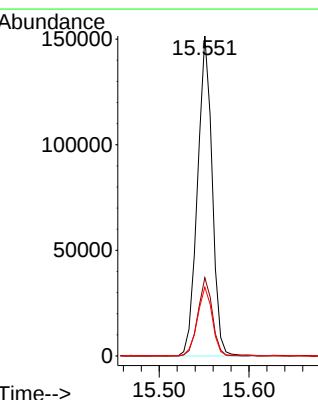
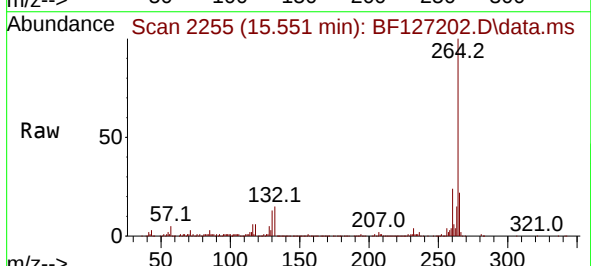
Tgt Ion:264 Resp: 171779

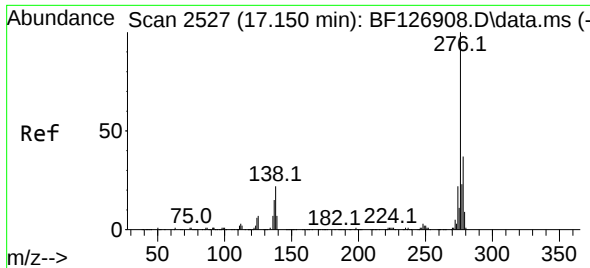
Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

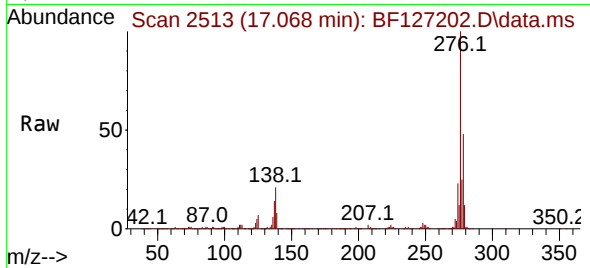
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.298 ng
RT: 17.068 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

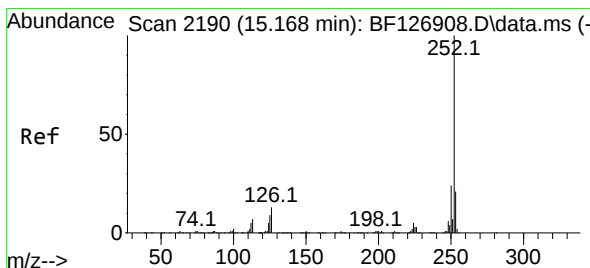
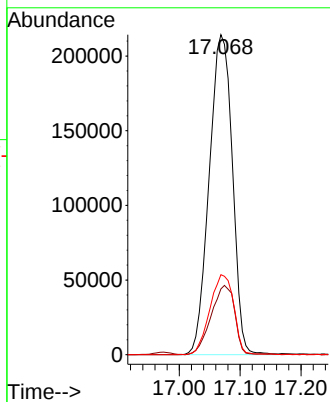
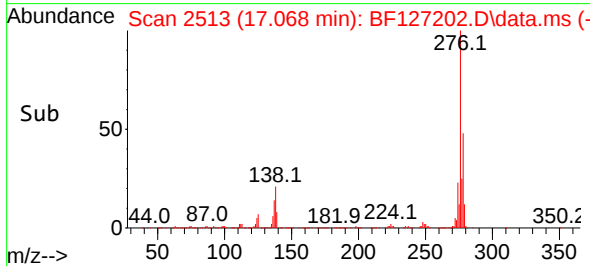
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



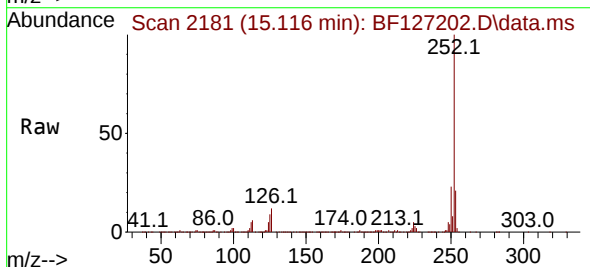
Tgt Ion:276 Resp: 566550
Ion Ratio Lower Upper
276 100
138 22.0 29.2 43.8
277 25.8 19.8 29.8

Manual Integrations
APPROVED

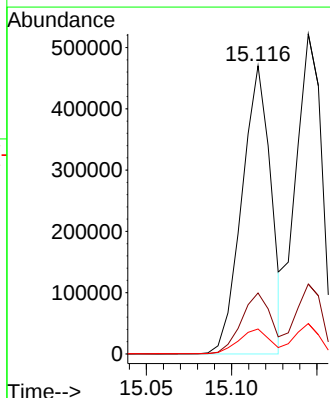
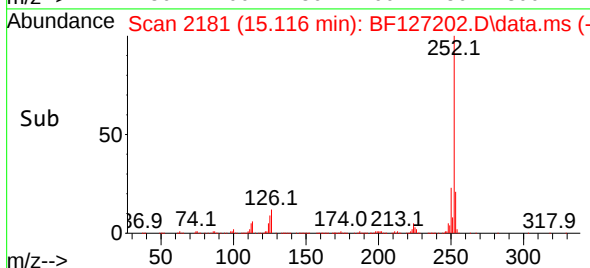
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

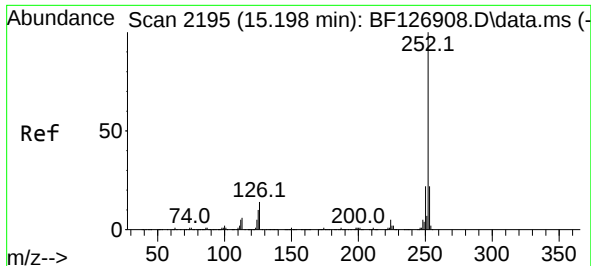


#88
Benzo(b)fluoranthene
Concen: 48.368 ng
RT: 15.116 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion:252 Resp: 558039
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 8.6 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 49.926 ng

RT: 15.145 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

C0AB1MSD

Tgt Ion:252 Resp: 555578

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

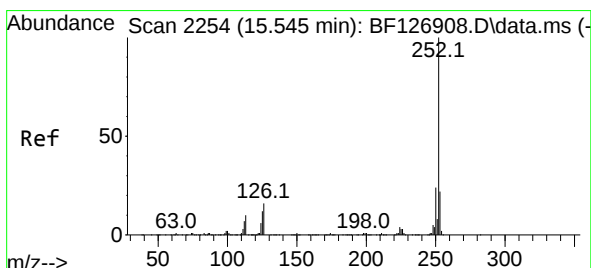
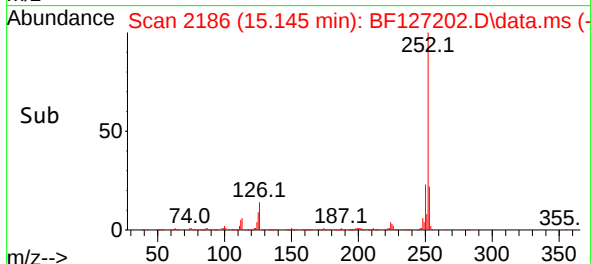
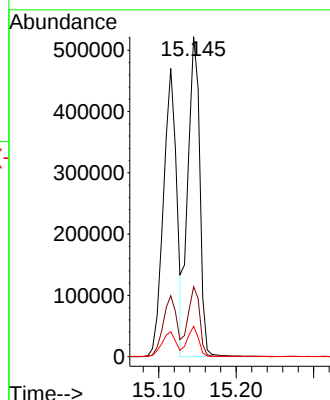
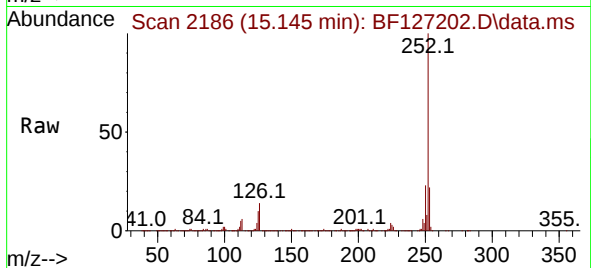
125 9.5 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#90

Benzo(a)pyrene

Concen: 56.583 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.006 min

Lab File: BF127202.D

Acq: 04 Mar 2022 15:51

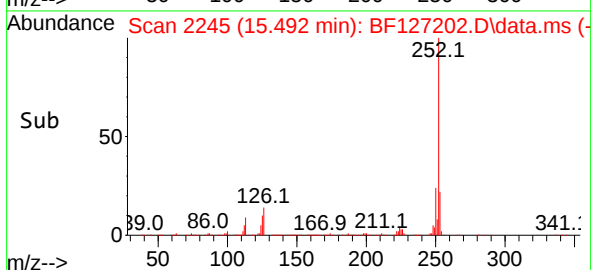
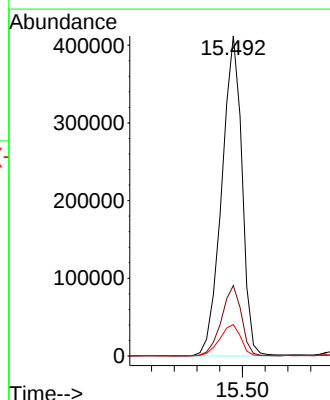
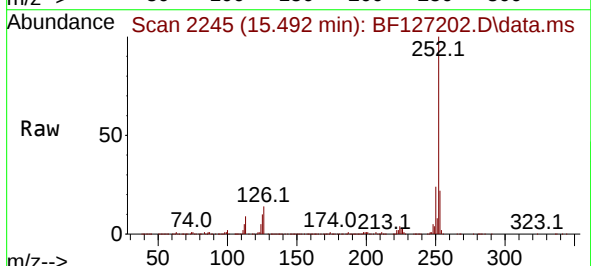
Tgt Ion:252 Resp: 509914

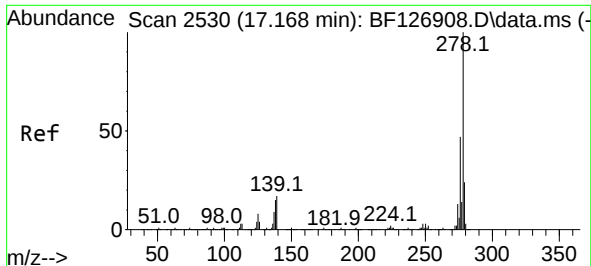
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

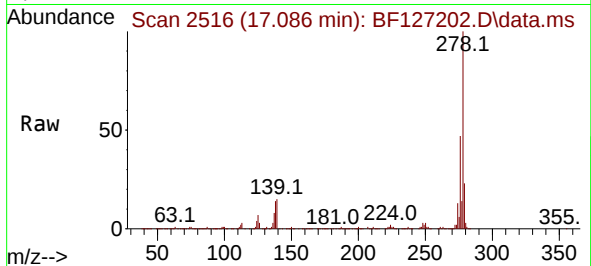
125 9.8 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 52.753 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.012 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51

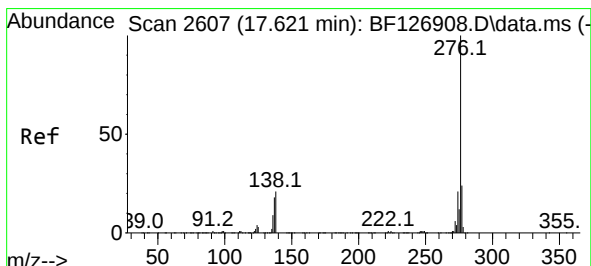
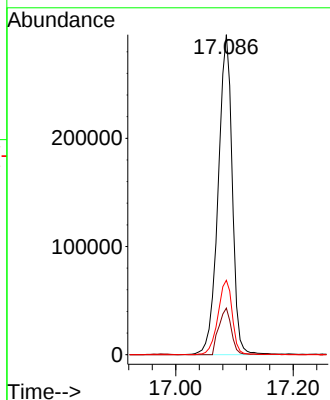
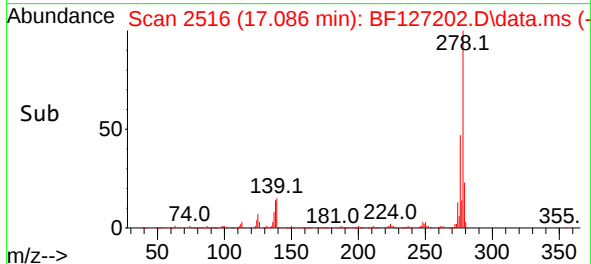
Instrument :
BNA_F
ClientSampleId :
C0AB1MSD



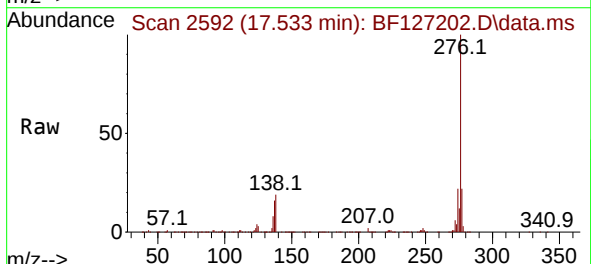
Tgt Ion: 278 Resp: 491434
Ion Ratio Lower Upper
278 100
139 14.6 18.0 27.0
279 23.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/07/2022
Supervised By : Jagrut Upadhyay 03/07/2022



#92
Benzo(g,h,i)perylene
Concen: 52.050 ng
RT: 17.533 min Scan# 2592
Delta R.T. 0.012 min
Lab File: BF127202.D
Acq: 04 Mar 2022 15:51



Tgt Ion: 276 Resp: 478027
Ion Ratio Lower Upper
276 100
277 22.4 18.5 27.7
138 18.8 25.9 38.9

