

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129904.D
 Acq On : 19 Aug 2022 10:46
 Operator : CG\JU
 Sample : PB146894BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146894BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 01:08:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	141701	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	563649	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	293196	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	490503	20.000	ng	0.00
76) Chrysene-d12	13.974	240	311631	20.000	ng	0.00
86) Perylene-d12	15.439	264	258872	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1049001	122.570	ng	0.01
7) Phenol-d6	6.457	99	1269399	118.442	ng	0.00
23) Nitrobenzene-d5	7.363	82	818247	77.712	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	345330	117.353	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1475455	76.431	ng	0.00
79) Terphenyl-d14	12.910	244	1602045	85.540	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	124712	35.321	ng	99
3) Pyridine	3.346	79	333839	36.129	ng	99
4) n-Nitrosodimethylamine	3.287	42	190607	44.761	ng	97
6) Aniline	6.463	93	493146	40.372	ng	98
8) 2-Chlorophenol	6.593	128	411613	43.203	ng	99
9) Benzaldehyde	6.351	77	278786	50.307	ng	100
10) Phenol	6.463	94	493477	41.976	ng	96
11) bis(2-Chloroethyl)ether	6.534	93	381732	42.760	ng	99
12) 1,3-Dichlorobenzene	6.734	146	436354	42.424	ng	99
13) 1,4-Dichlorobenzene	6.810	146	444540	42.298	ng	98
14) 1,2-Dichlorobenzene	6.963	146	421492	43.182	ng	98
15) Benzyl Alcohol	6.945	79	350769	43.353	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	497435	41.583	ng	95
17) 2-Methylphenol	7.069	107	320762	41.930	ng	98
18) Hexachloroethane	7.298	117	165374	41.903	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	275177	40.620	ng	99
20) 3+4-Methylphenols	7.222	107	420995	40.997	ng	98
22) Acetophenone	7.210	105	575495	41.898	ng	99
24) Nitrobenzene	7.381	77	425251	40.053	ng	95
25) Isophorone	7.622	82	754209	41.617	ng	99
26) 2-Nitrophenol	7.698	139	219422	42.016	ng	99
27) 2,4-Dimethylphenol	7.740	122	338651	45.216	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	460768	43.546	ng	98
29) 2,4-Dichlorophenol	7.951	162	330232	40.323	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	337957	39.117	ng	98
31) Naphthalene	8.098	128	1159654	39.349	ng	100
32) Benzoic acid	7.892	122	139171	42.936	ng	88
33) 4-Chloroaniline	8.157	127	437873	37.782	ng	99
34) Hexachlorobutadiene	8.204	225	205330	39.031	ng	100
35) Caprolactam	8.540	113	104131m	40.888	ng	
36) 4-Chloro-3-methylphenol	8.657	107	356707	40.374	ng	95
37) 2-Methylnaphthalene	8.792	142	752982	38.928	ng	99
38) 1-Methylnaphthalene	8.887	142	710878	37.816	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	332013	40.714	ng	99
41) Hexachlorocyclopentadiene	8.939	237	223794	82.894	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	205209	38.731	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

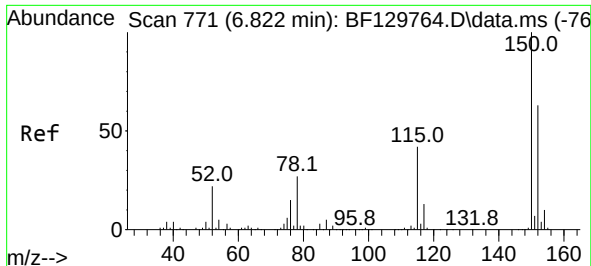
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	220544	38.690	ng	98
46) 1,1'-Biphenyl	9.257	154	909507	40.833	ng	99
47) 2-Chloronaphthalene	9.281	162	704925	39.999	ng	98
48) 2-Nitroaniline	9.392	65	229279	41.167	ng	94
49) Acenaphthylene	9.698	152	1058587	39.610	ng	100
50) Dimethylphthalate	9.563	163	809491	38.514	ng	99
51) 2,6-Dinitrotoluene	9.634	165	182365	39.998	ng	94
52) Acenaphthene	9.869	154	635432	39.190	ng	99
53) 3-Nitroaniline	9.804	138	170980	33.910	ng	93
54) 2,4-Dinitrophenol	9.928	184	167374	81.114	ng	93
55) Dibenzofuran	10.045	168	959977	39.409	ng	98
56) 4-Nitrophenol	9.998	139	197705	88.138	ng	97
57) 2,4-Dinitrotoluene	10.045	165	237752	40.170	ng	98
58) Fluorene	10.386	166	793201	38.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	169322	40.476	ng	# 82
60) Diethylphthalate	10.263	149	789827	37.687	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	350238	38.372	ng	96
62) 4-Nitroaniline	10.428	138	204799m	40.262	ng	
63) Azobenzene	10.539	77	782204	39.048	ng	96
65) 4,6-Dinitro-2-methylph...	10.457	198	118770	41.246	ng	93
66) n-Nitrosodiphenylamine	10.498	169	678509	40.984	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	226745	39.468	ng	98
68) Hexachlorobenzene	10.939	284	252325	40.546	ng	# 91
69) Atrazine	11.033	200	221993	43.688	ng	98
70) Pentachlorophenol	11.145	266	151354	81.063	ng	96
71) Phenanthrene	11.351	178	1114887	40.698	ng	100
72) Anthracene	11.404	178	1131038	41.517	ng	100
73) Carbazole	11.569	167	1062224	42.953	ng	99
74) Di-n-butylphthalate	11.880	149	1229181	38.620	ng	99
75) Fluoranthene	12.545	202	1143108	40.778	ng	98
77) Benzidine	12.669	184	627175	89.100	ng	99
78) Pyrene	12.775	202	1170707	43.231	ng	99
80) Butylbenzylphthalate	13.380	149	447304	39.035	ng	94
81) Benzo(a)anthracene	13.969	228	861707	40.197	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	243833	36.726	ng	98
83) Chrysene	14.004	228	784181	39.078	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	522129	38.406	ng	98
85) Di-n-octyl phthalate	14.545	149	698935	37.243	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	848840	47.763	ng	99
88) Benzo(b)fluoranthene	15.016	252	718528	40.534	ng	99
89) Benzo(k)fluoranthene	15.045	252	656130	38.596	ng	99
90) Benzo(a)pyrene	15.380	252	609886	43.690	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	736043	50.194	ng	100
92) Benzo(g,h,i)perylene	17.362	276	769813	52.621	ng	98

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

Manual Integrations

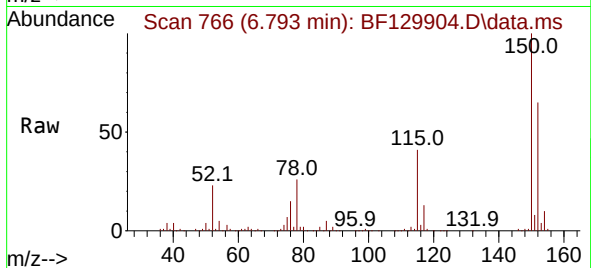
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 70
 Delta R.T. 0.001 min
 Lab File: BF129904.D
 Acq: 19 Aug 2022 10:46

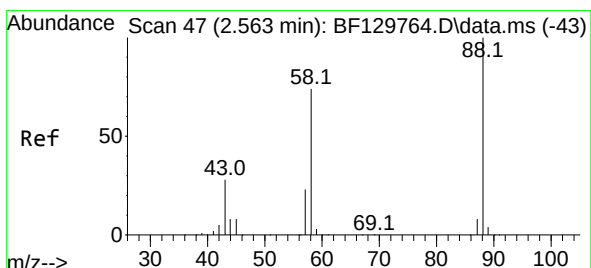
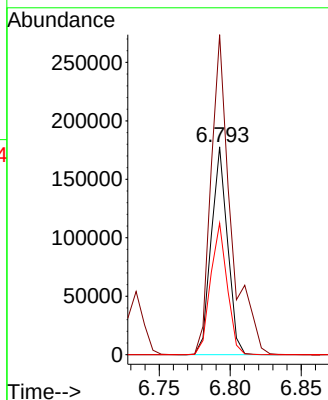
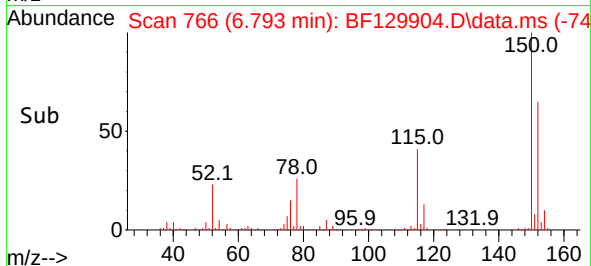
Instrument :
 BNA_F
 ClientSampleId :
 PB146894BS



Tgt Ion: 152 Resp: 14170
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.9 190.3
 115 63.3 53.4 80.0

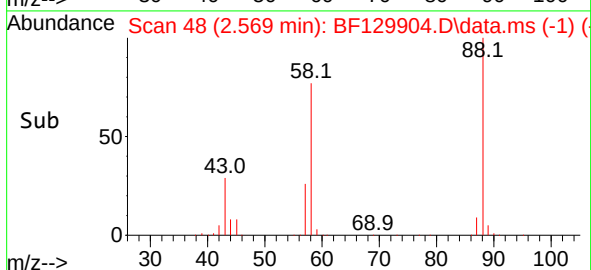
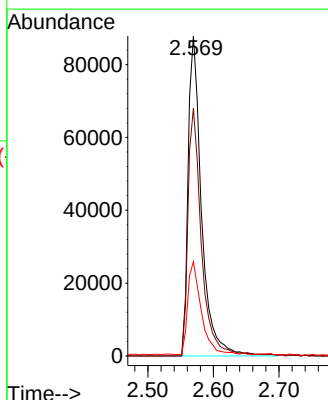
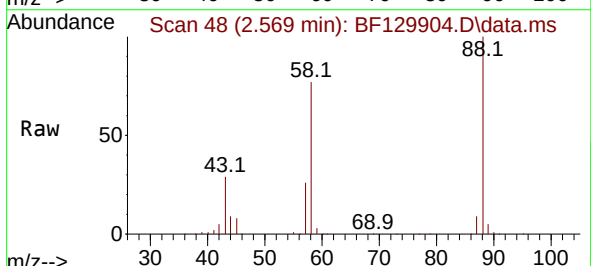
Manual Integrations
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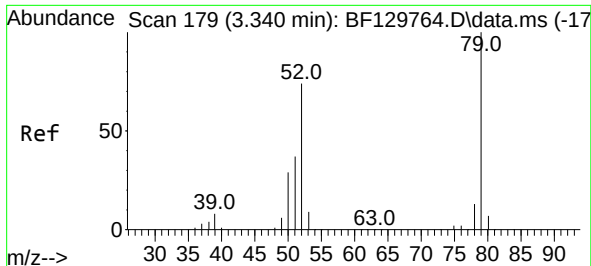
Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022



#2
 1,4-Dioxane
 Concen: 35.321 ng
 RT: 2.569 min Scan# 48
 Delta R.T. 0.071 min
 Lab File: BF129904.D
 Acq: 19 Aug 2022 10:46

Tgt Ion: 88 Resp: 124712
 Ion Ratio Lower Upper
 88 100
 58 77.7 60.9 91.3
 43 29.3 23.6 35.4





#3
Pyridine
Concen: 36.129 ng
RT: 3.346 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

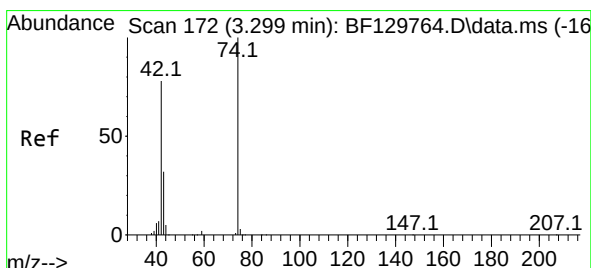
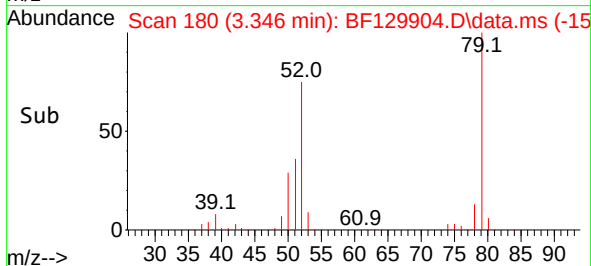
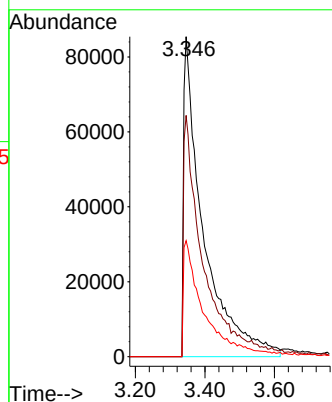
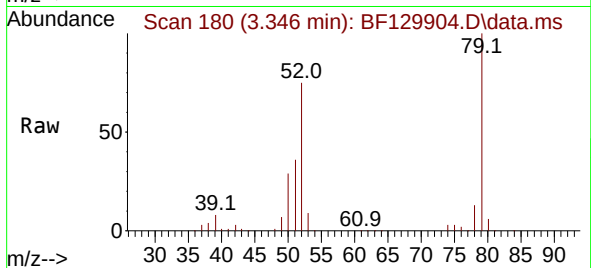
ClientSampleId :

PB146894BS

Tgt Ion: 79 Resp: 333839
Ion Ratio Lower Upper
79 100
52 75.4 59.4 89.2
51 36.2 29.5 44.3

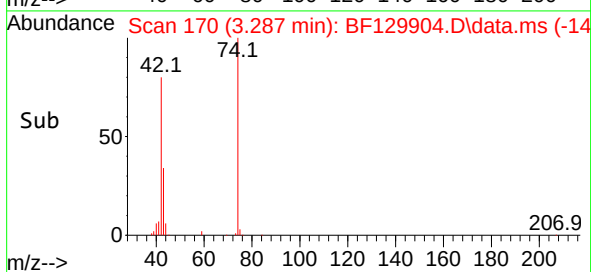
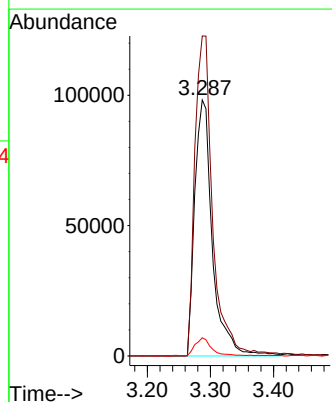
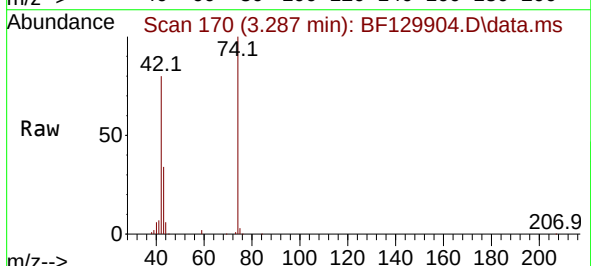
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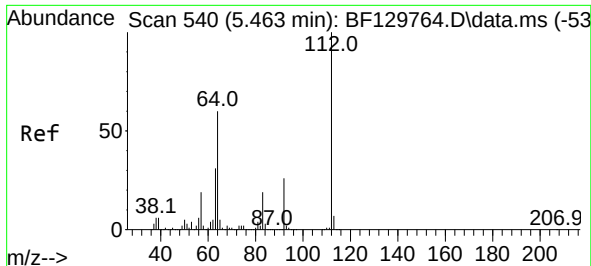
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#4
n-Nitrosodimethylamine
Concen: 44.761 ng
RT: 3.287 min Scan# 170
Delta R.T. 0.059 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

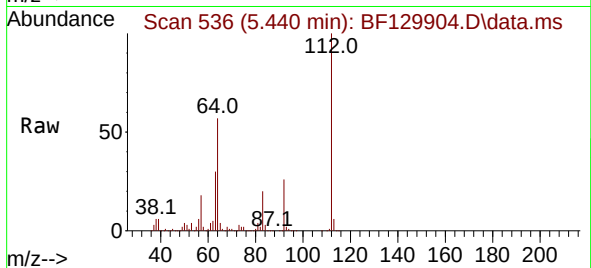
Tgt Ion: 42 Resp: 190607
Ion Ratio Lower Upper
42 100
74 125.0 103.1 154.7
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 122.570 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

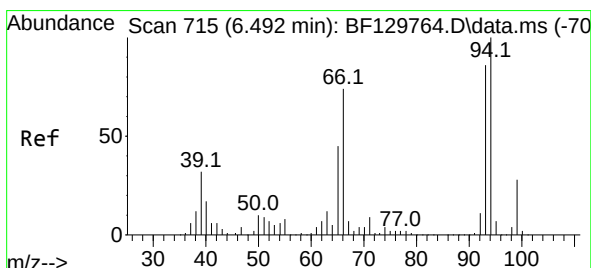
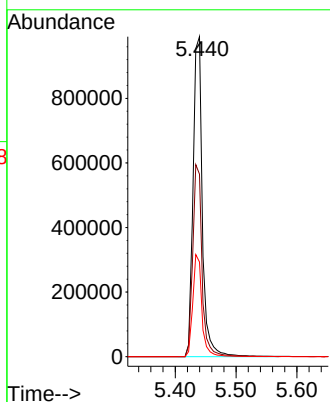
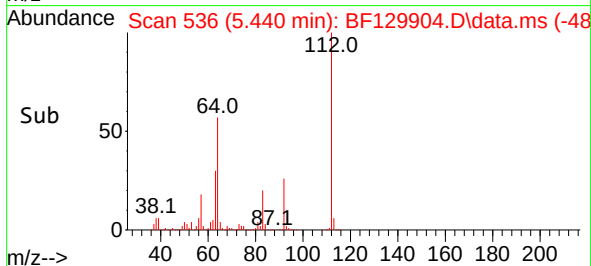
Instrument :
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Tgt Ion:112 Resp: 104900
Ion Ratio Lower Upper
112 100
64 57.0 47.6 71.4
63 29.6 24.6 37.0

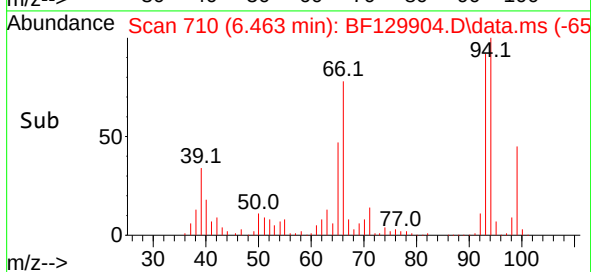
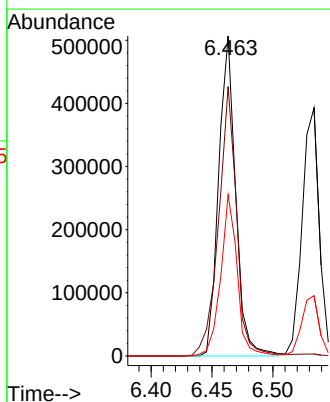
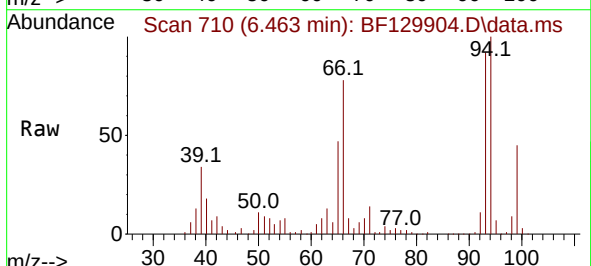
Manual Integrations
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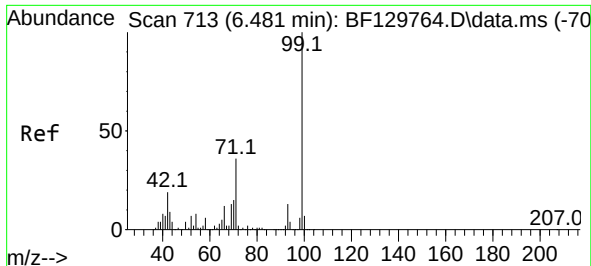
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#6
Aniline
Concen: 40.372 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

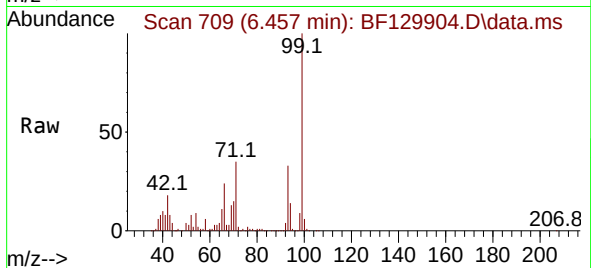
Tgt Ion: 93 Resp: 493146
Ion Ratio Lower Upper
93 100
66 84.2 68.7 103.1
65 50.4 41.6 62.4





#7
Phenol-d6
Concen: 118.442 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

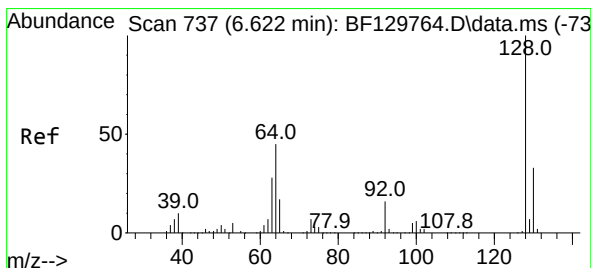
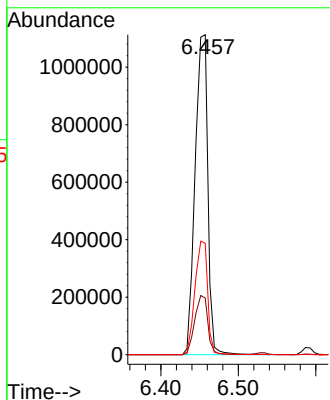
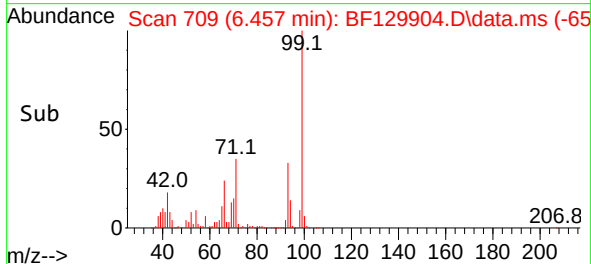
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion: 99 Resp: 1269399
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 34.8 28.8 43.2

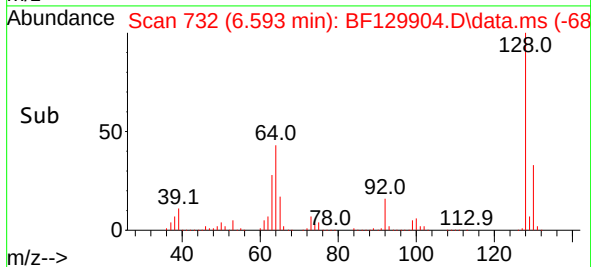
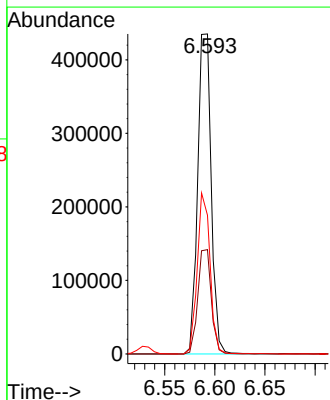
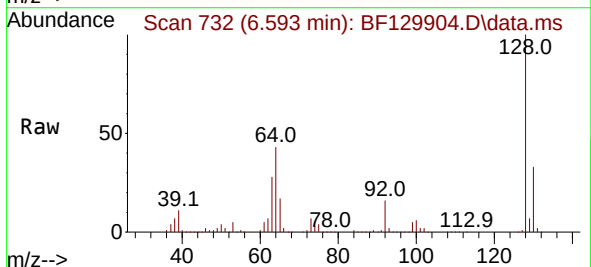
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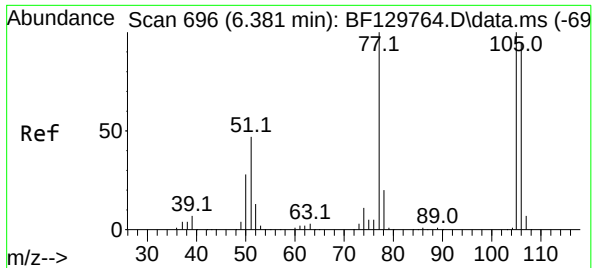
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#8
2-Chlorophenol
Concen: 43.203 ng
RT: 6.593 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:128 Resp: 411613
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 43.4 24.9 64.9





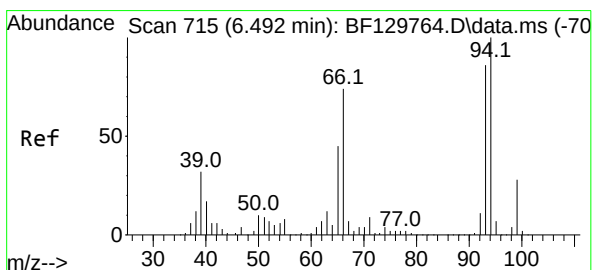
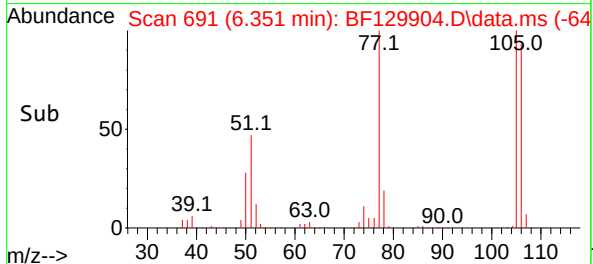
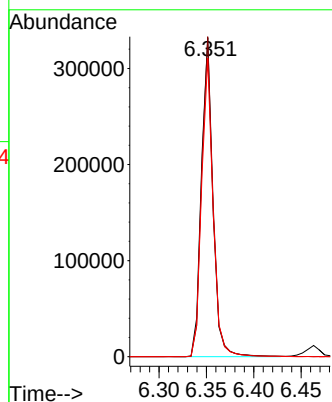
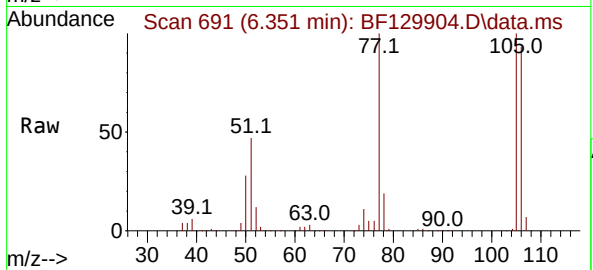
#9
Benzaldehyde
Concen: 50.307 ng
RT: 6.351 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :
BNA_F
ClientSampleId :
PB146894BS

Tgt Ion: 77 Resp: 278780
Ion Ratio Lower Upper
77 100
105 100.3 80.3 120.3
106 93.6 74.3 114.3

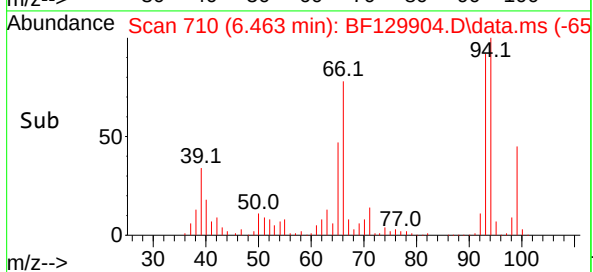
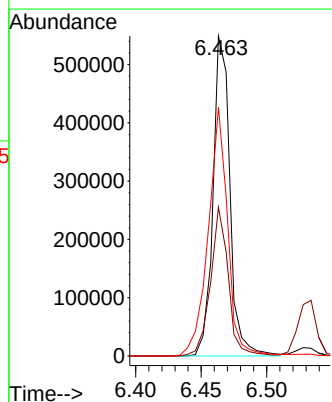
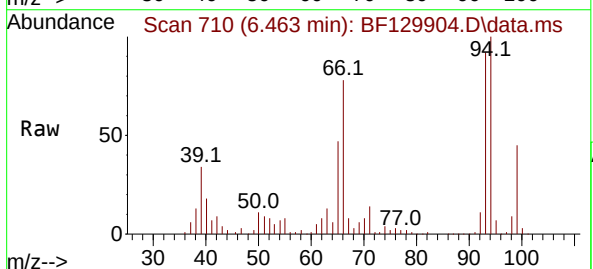
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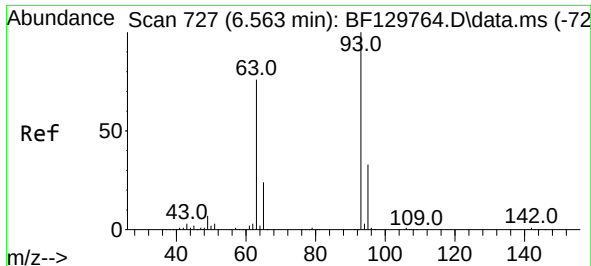
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 41.976 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion: 94 Resp: 493477
Ion Ratio Lower Upper
94 100
65 46.5 24.9 64.9
66 77.7 54.2 94.2





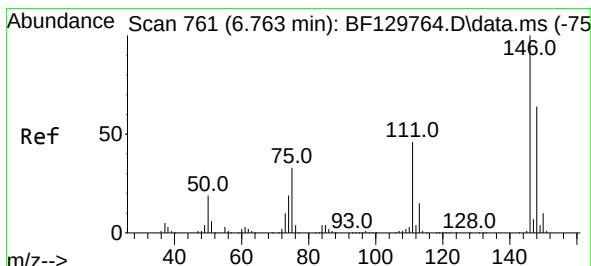
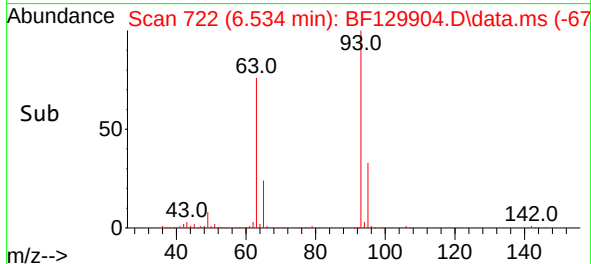
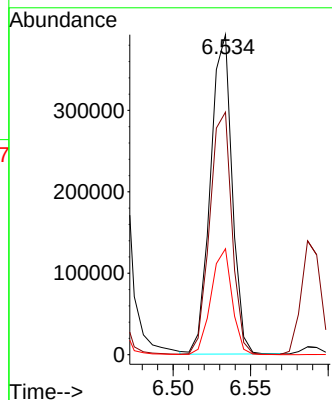
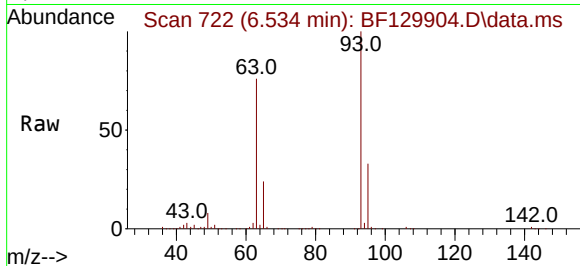
#11
bis(2-Chloroethyl)ether
Concen: 42.760 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :
BNA_F
ClientSampleId :
PB146894BS

Tgt Ion: 93 Resp: 381732
Ion Ratio Lower Upper
93 100
63 75.8 55.9 95.9
95 33.1 12.3 52.3

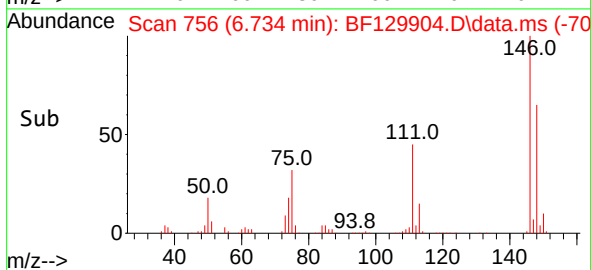
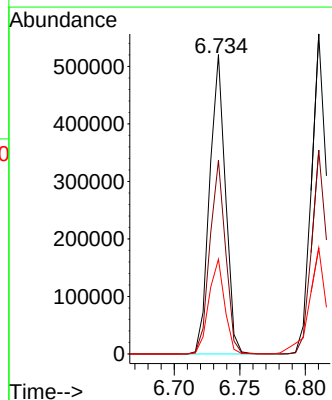
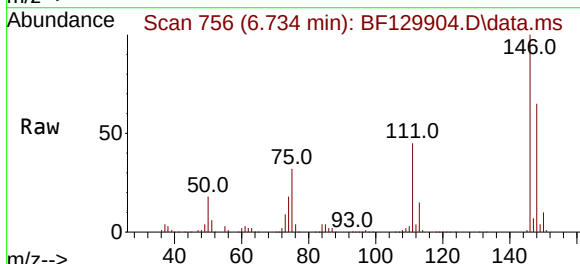
Manual Integrations
APPROVED

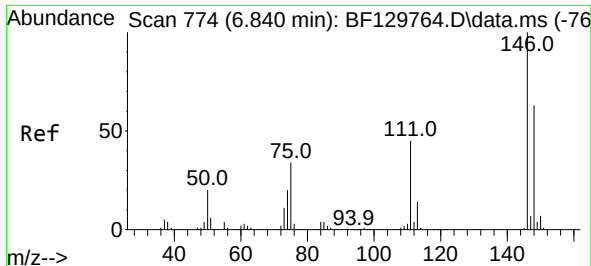
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 42.424 ng
RT: 6.734 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:146 Resp: 436354
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 31.7 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.298 ng

RT: 6.810 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:146 Resp: 444540

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

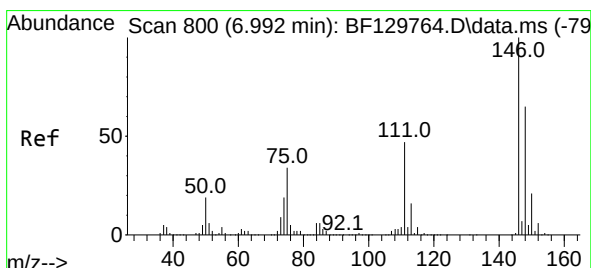
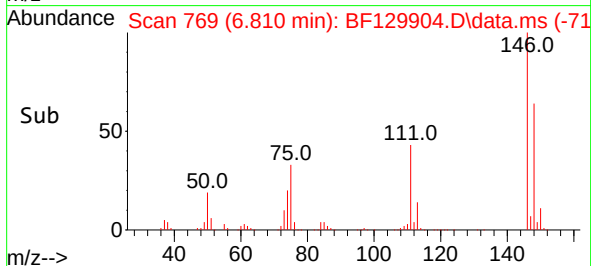
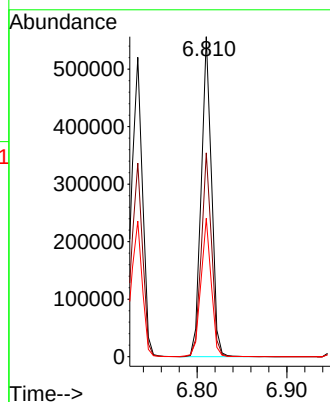
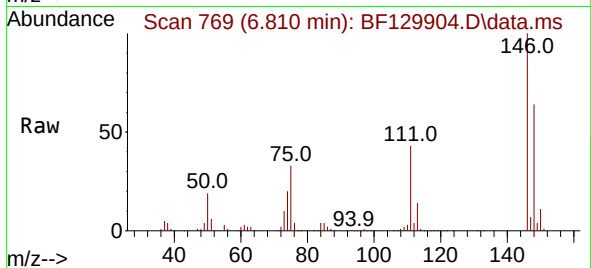
111 43.2 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#14

1,2-Dichlorobenzene

Concen: 43.182 ng

RT: 6.963 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

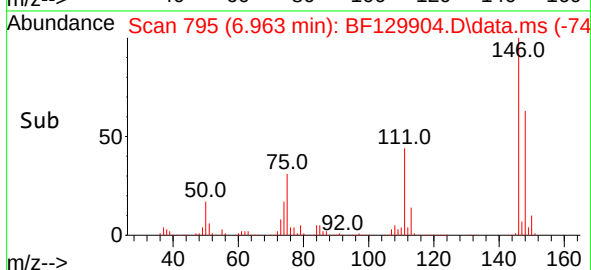
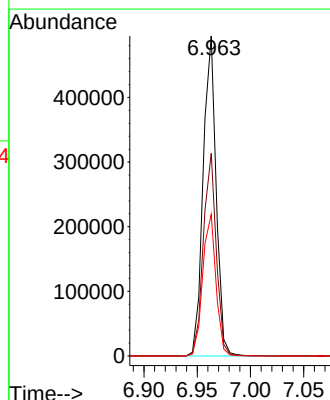
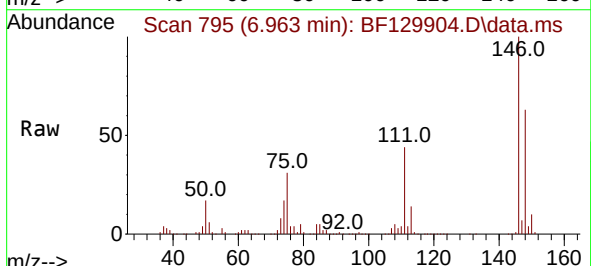
Tgt Ion:146 Resp: 421492

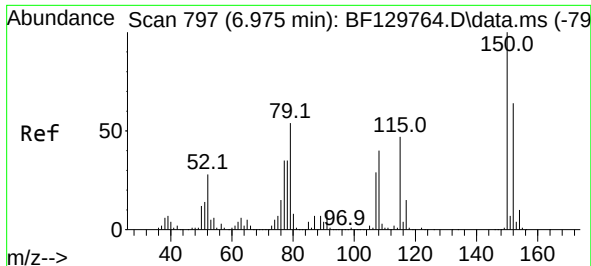
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

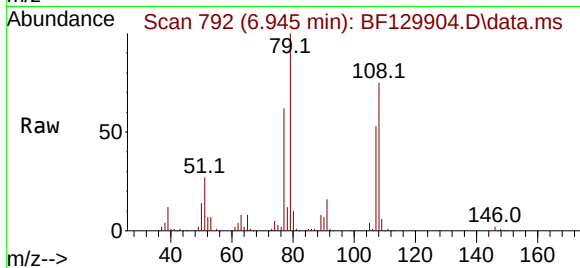
111 44.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.353 ng
RT: 6.945 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

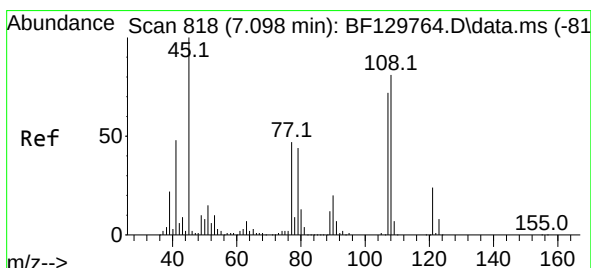
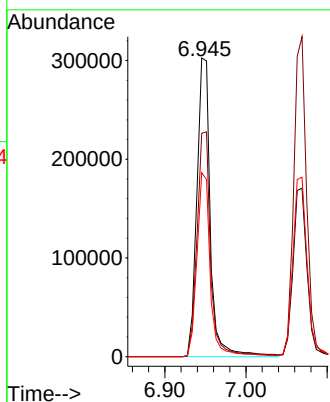
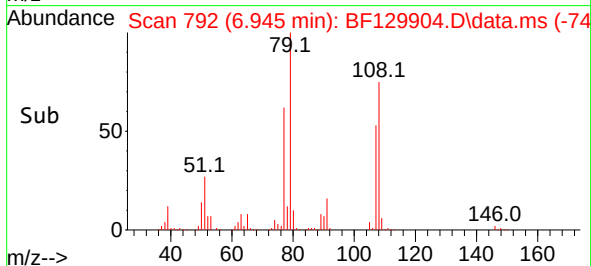
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion: 79 Resp: 350769
Ion Ratio Lower Upper
79 100
108 74.8 59.2 88.8
77 61.6 51.9 77.9

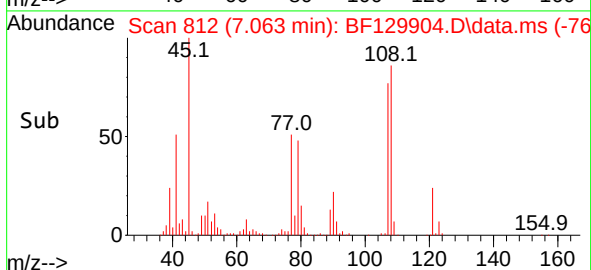
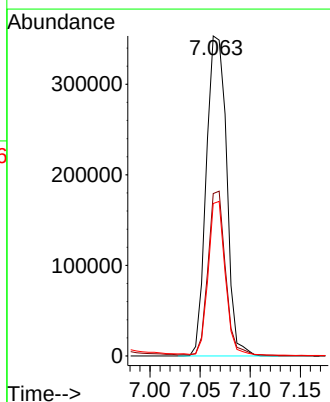
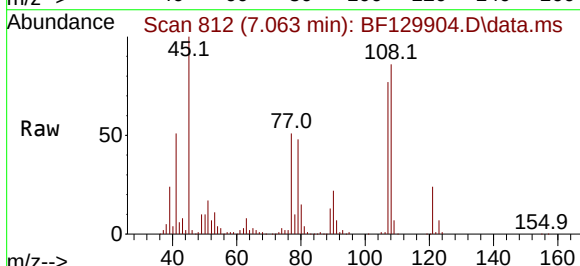
Manual Integrations
APPROVED

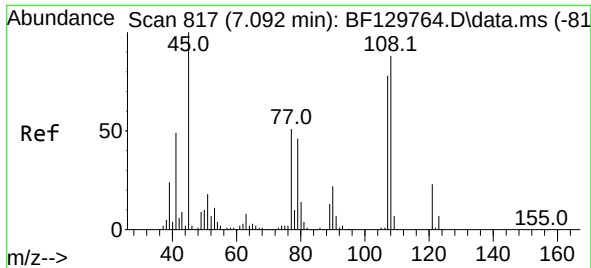
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.583 ng
RT: 7.063 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

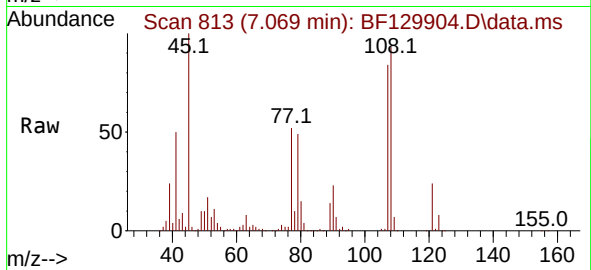
Tgt Ion: 45 Resp: 497435
Ion Ratio Lower Upper
45 100
77 50.8 27.4 67.4
79 47.7 24.4 64.4





#17
2-Methylphenol
Concen: 41.930 ng
RT: 7.069 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

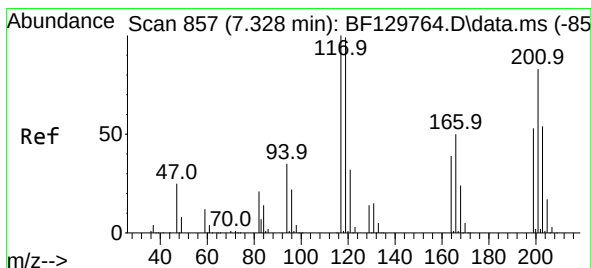
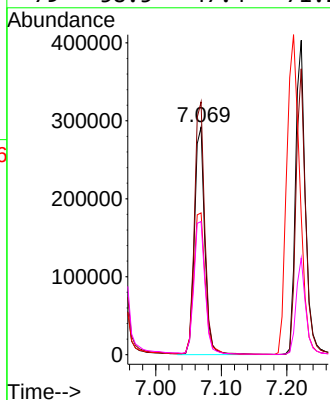
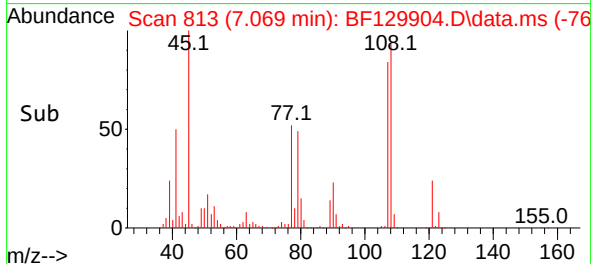
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion:107 Resp: 320762
Ion Ratio Lower Upper
107 100
108 111.1 90.2 135.2
77 62.3 51.8 77.8
79 58.5 47.4 71.2

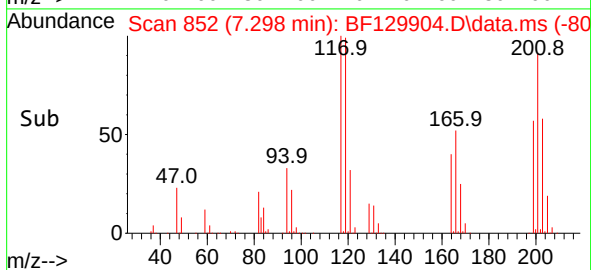
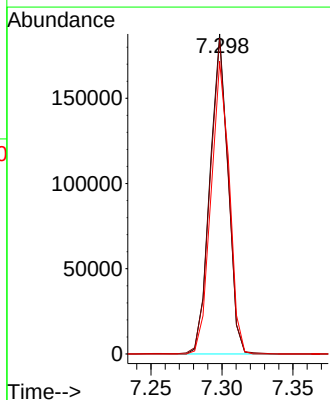
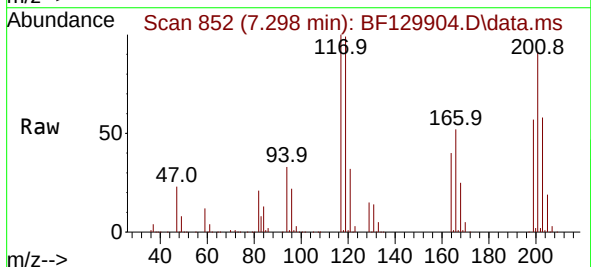
Manual Integrations
APPROVED

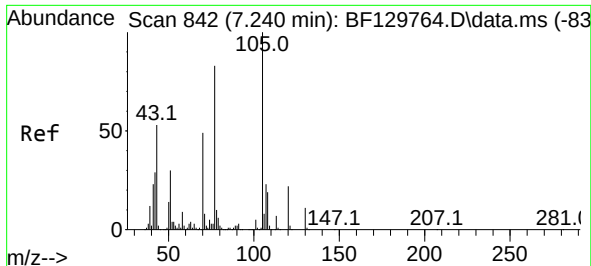
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

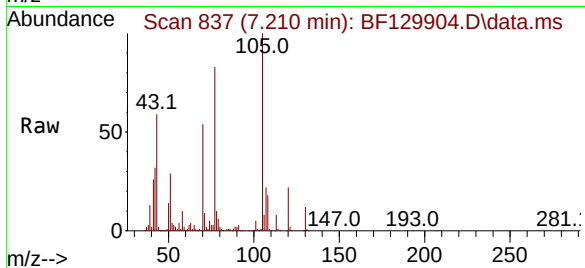
Tgt Ion:117 Resp: 165374
Ion Ratio Lower Upper
117 100
119 98.6 79.1 118.7
201 91.4 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.620 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

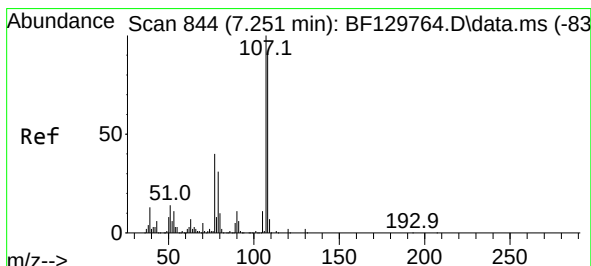
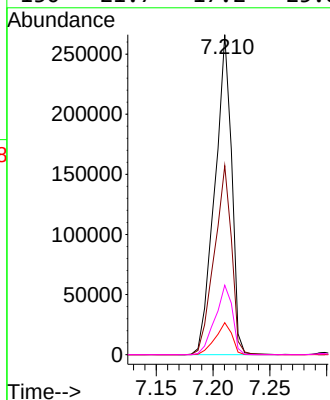
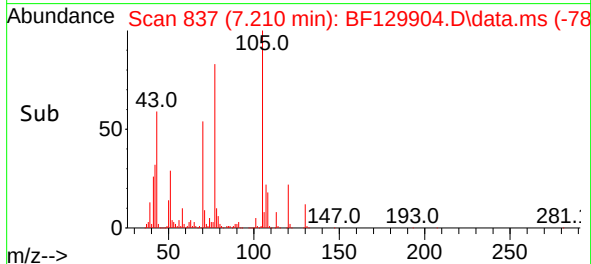
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion: 70 Resp: 27517
Ion Ratio Lower Upper
70 100
42 59.1 47.6 71.4
101 10.0 8.1 12.1
130 21.7 17.2 25.8

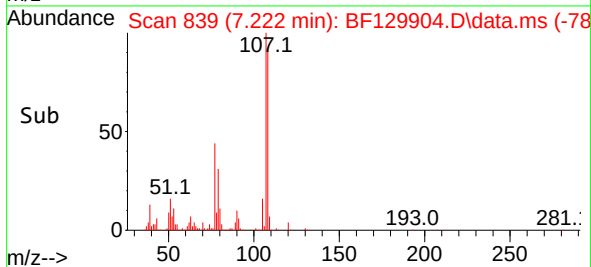
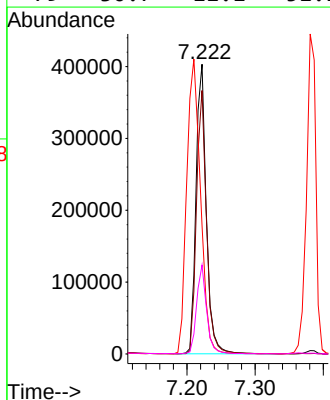
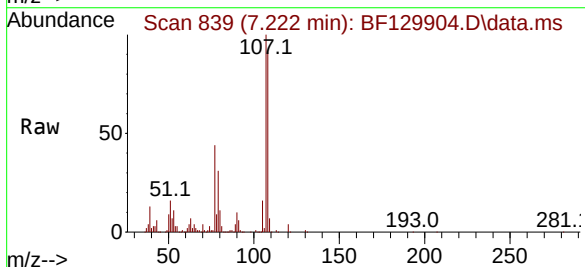
Manual Integrations
APPROVED

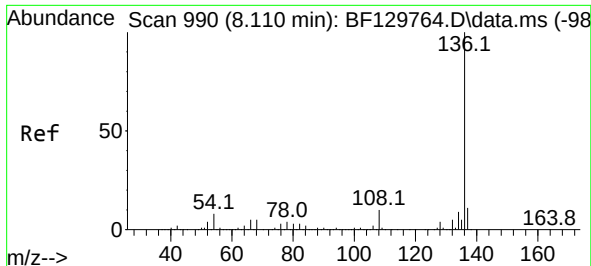
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#20
3+4-Methylphenols
Concen: 40.997 ng
RT: 7.222 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:107 Resp: 420995
Ion Ratio Lower Upper
107 100
108 90.9 71.3 111.3
77 44.3 20.4 60.4
79 30.7 11.1 51.1





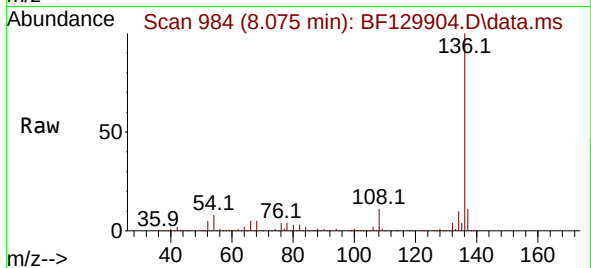
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

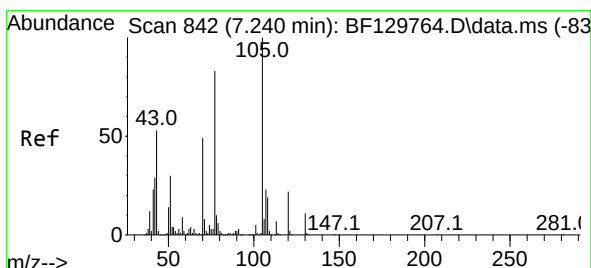
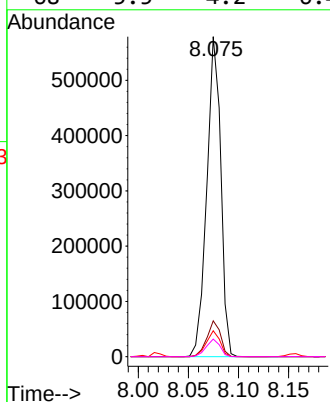
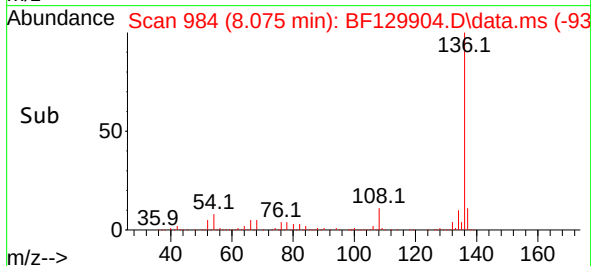
PB146894BS



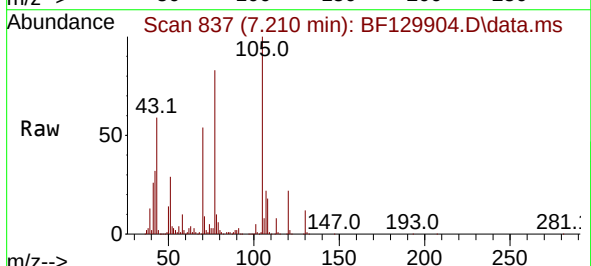
Tgt Ion:136 Resp: 563649
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.1 6.2 9.2
68 5.5 4.2 6.4

Manual Integrations
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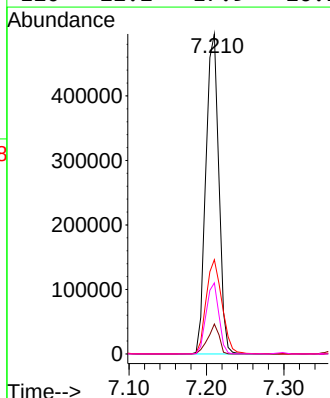
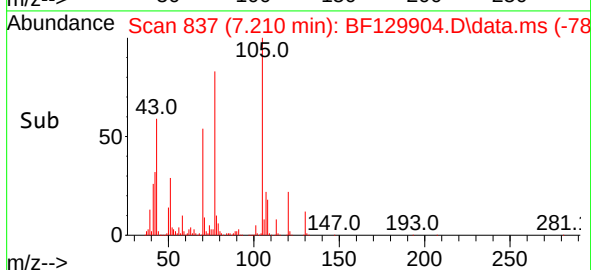
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

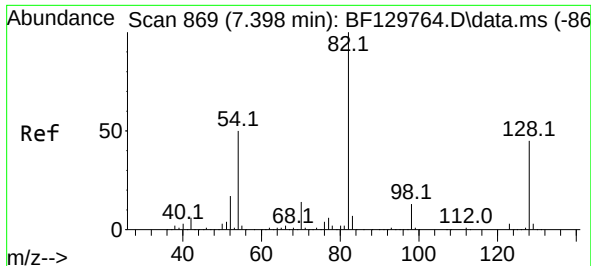


#22
Acetophenone
Concen: 41.898 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



Tgt Ion:105 Resp: 575495
Ion Ratio Lower Upper
105 100
71 9.4 6.6 9.8
51 29.5 23.8 35.8
120 22.2 17.9 26.9





#23

Nitrobenzene-d5

Concen: 77.712 ng

RT: 7.363 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

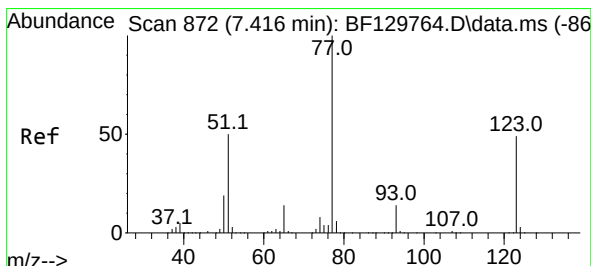
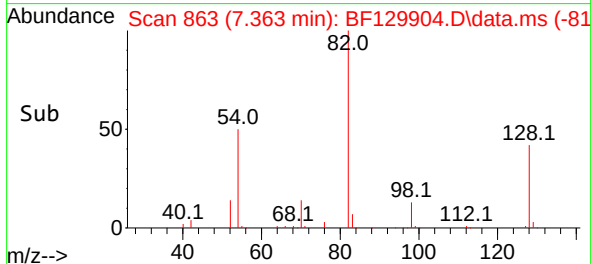
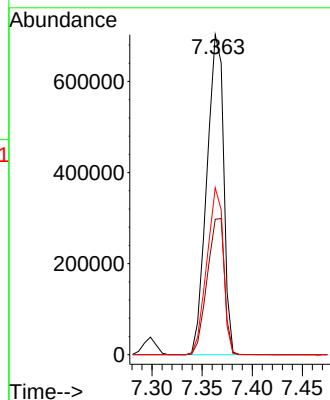
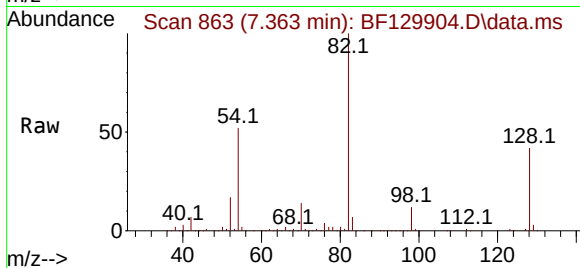
PB146894BS

Tgt Ion: 82 Resp: 81824
 Ion Ratio Lower Upper
 82 100
 128 42.3 36.1 54.1
 54 52.1 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#24

Nitrobenzene

Concen: 40.053 ng

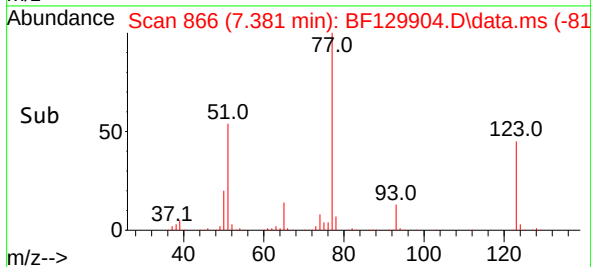
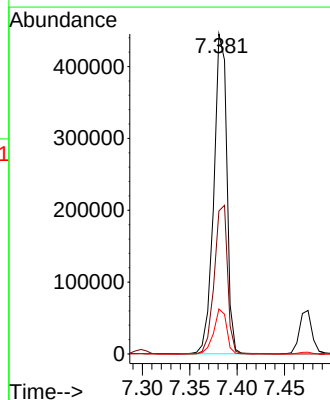
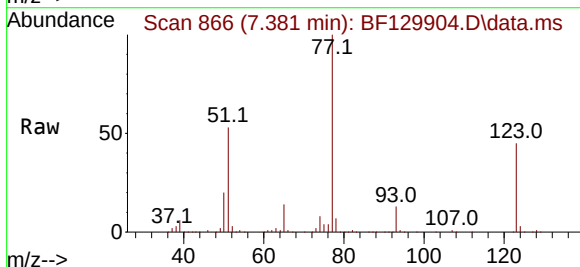
RT: 7.381 min Scan# 866

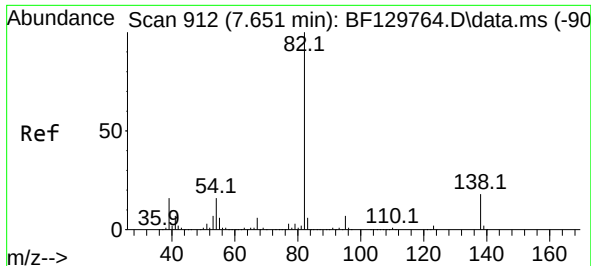
Delta R.T. -0.006 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

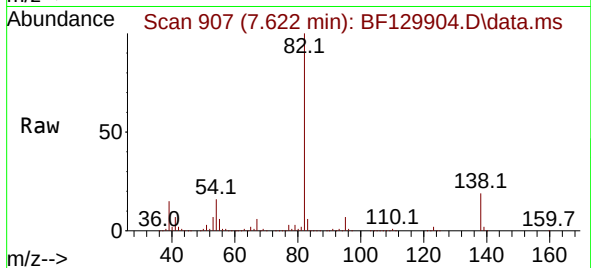
Tgt Ion: 77 Resp: 425251
 Ion Ratio Lower Upper
 77 100
 123 44.7 39.2 58.8
 65 14.1 11.1 16.7





#25
Isophorone
Concen: 41.617 ng
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

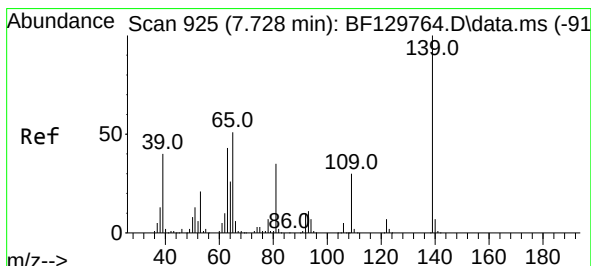
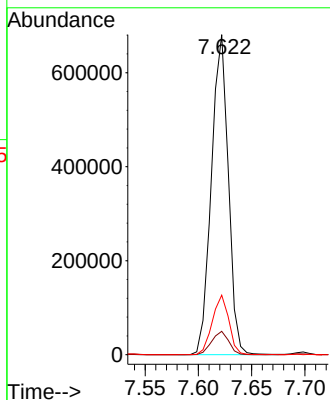
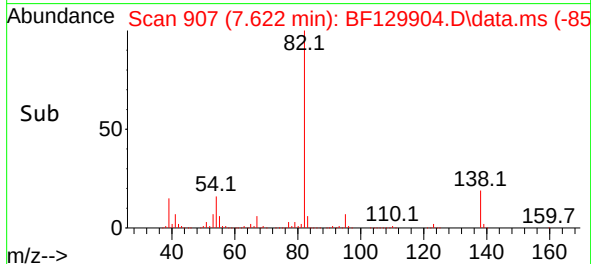
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion: 82 Resp: 754209
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.6 14.6 21.8

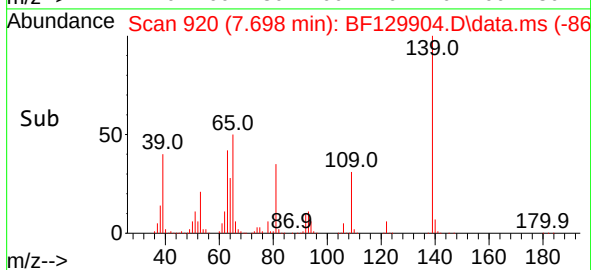
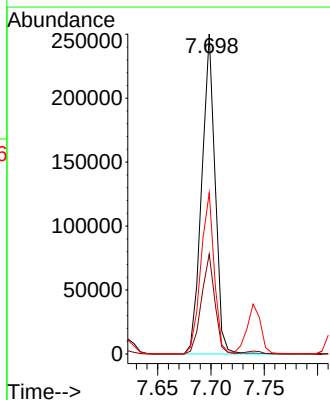
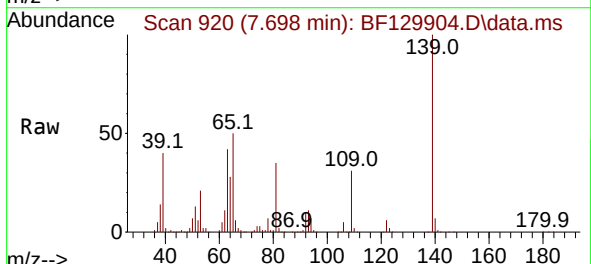
Manual Integrations
APPROVED

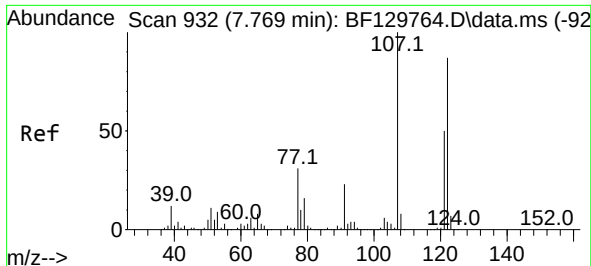
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#26
2-Nitrophenol
Concen: 42.016 ng
RT: 7.698 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:139 Resp: 219422
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 50.4 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 45.216 ng

RT: 7.740 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129904.D

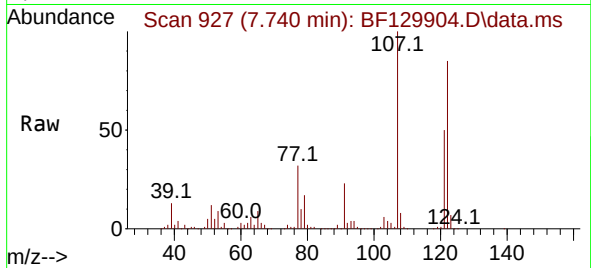
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS



Tgt Ion:122 Resp: 33865

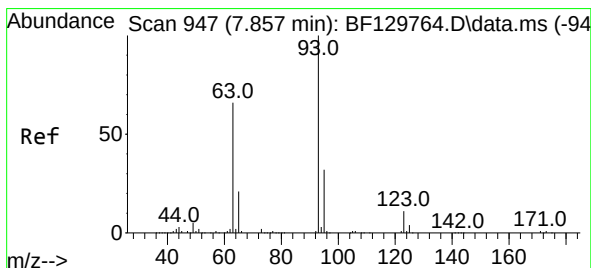
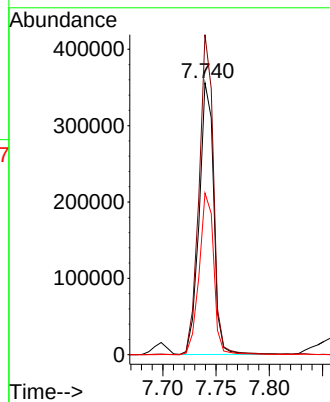
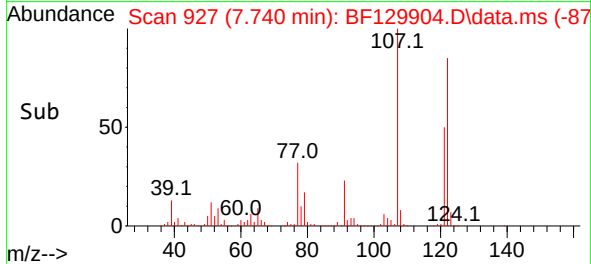
Ion	Ratio	Lower	Upper
122	100		
107	117.7	92.2	138.4
121	59.4	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.546 ng

RT: 7.828 min Scan# 942

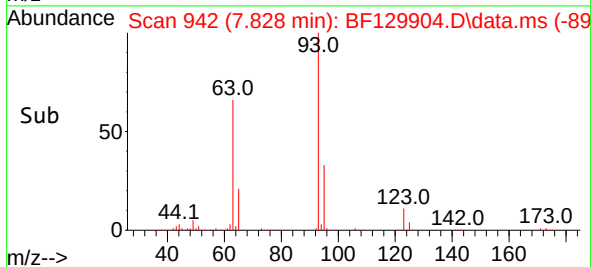
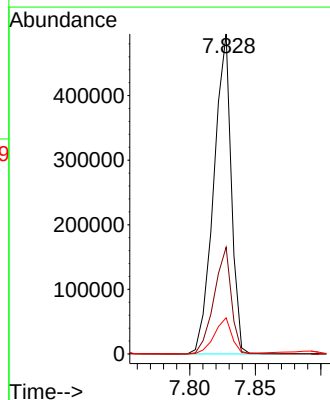
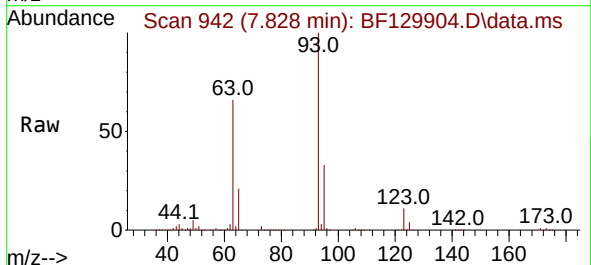
Delta R.T. 0.000 min

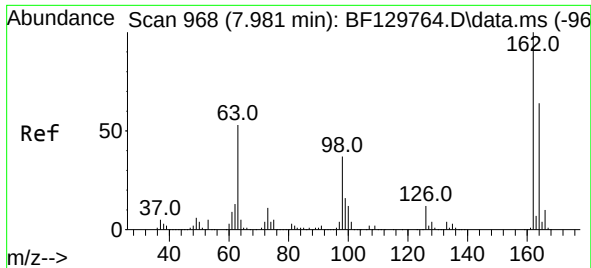
Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Tgt Ion: 93 Resp: 460768

Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.6	38.4
123	11.3	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 40.323 ng

RT: 7.951 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:162 Resp: 33023

Ion Ratio Lower Upper

162 100

164 65.5 43.7 83.7

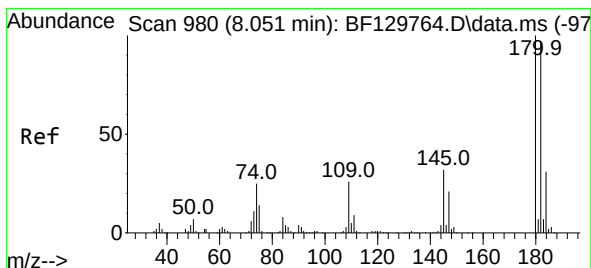
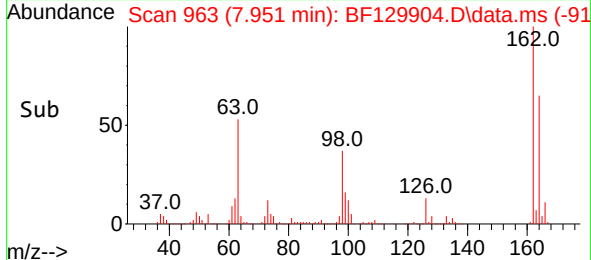
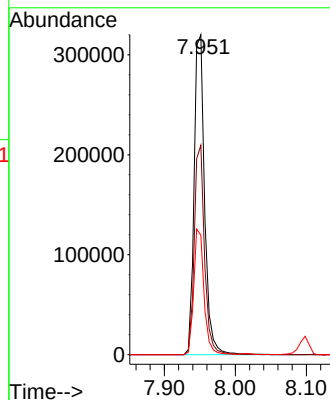
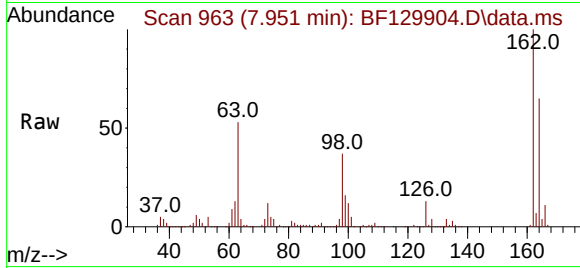
98 37.3 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.117 ng

RT: 8.016 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

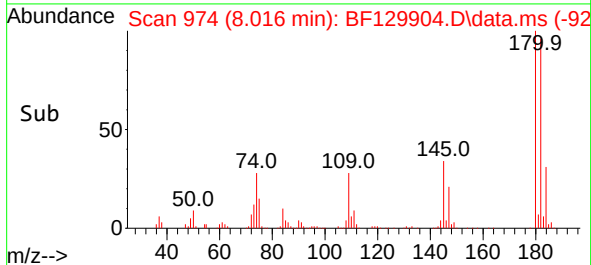
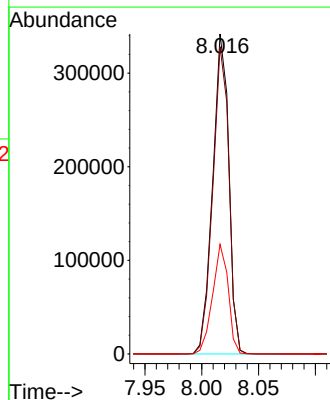
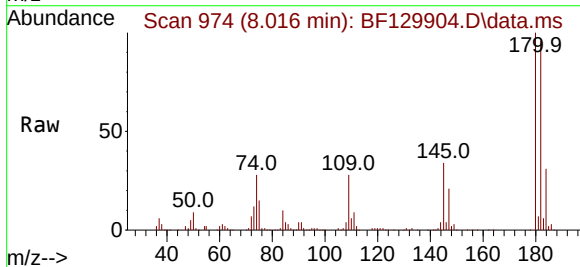
Tgt Ion:180 Resp: 337957

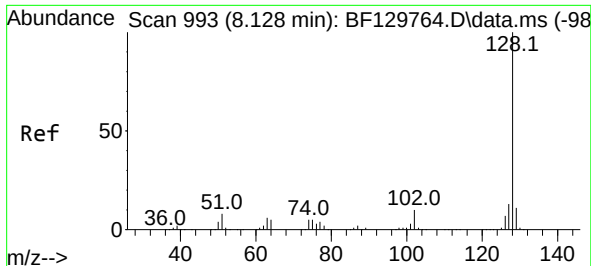
Ion Ratio Lower Upper

180 100

182 96.1 77.6 116.4

145 34.2 25.6 38.4





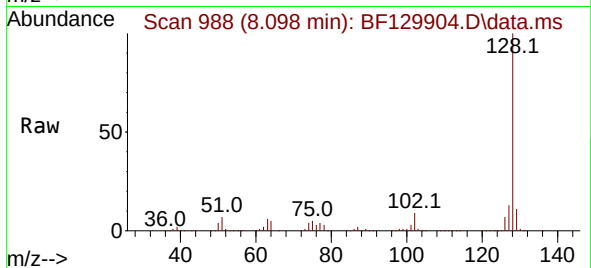
#31
Naphthalene
Concen: 39.349 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

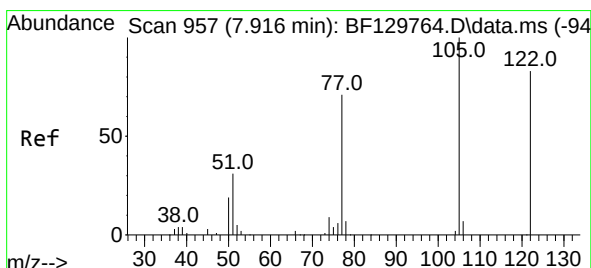
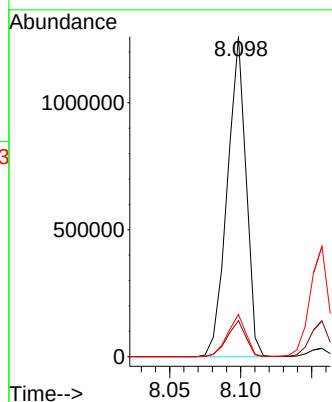
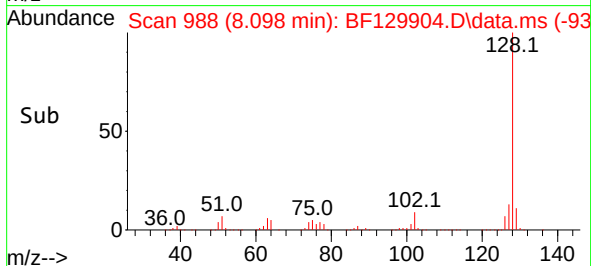


Tgt Ion:128 Resp: 1159654
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.7 16.1

Manual Integrations

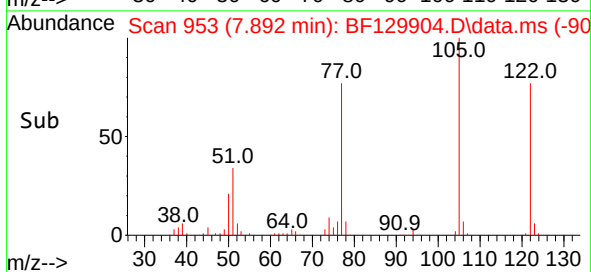
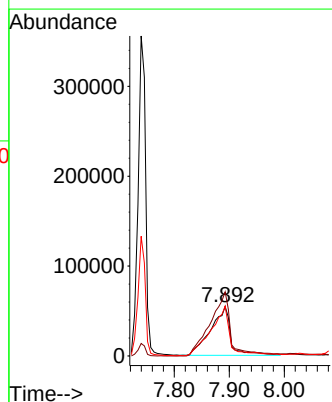
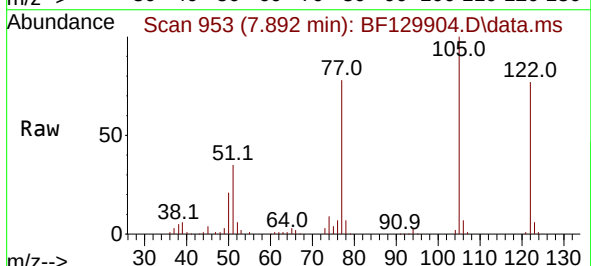
APPROVED

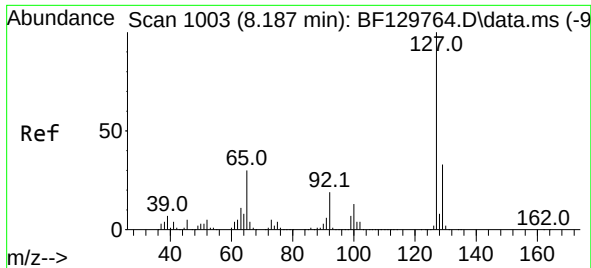
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#32
Benzoic acid
Concen: 42.936 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:122 Resp: 139171
Ion Ratio Lower Upper
122 100
105 129.9 99.9 139.9
77 100.8 65.9 105.9





#33
4-Chloroaniline
Concen: 37.782 ng
RT: 8.157 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

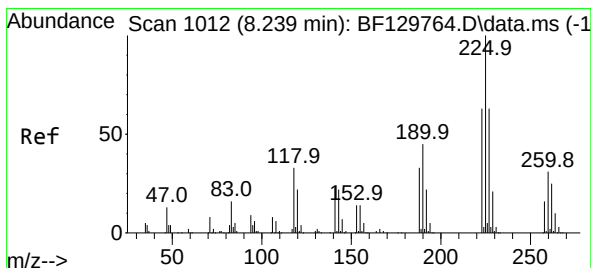
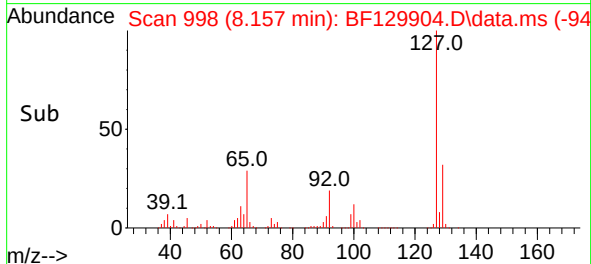
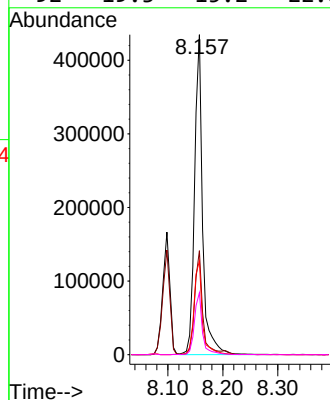
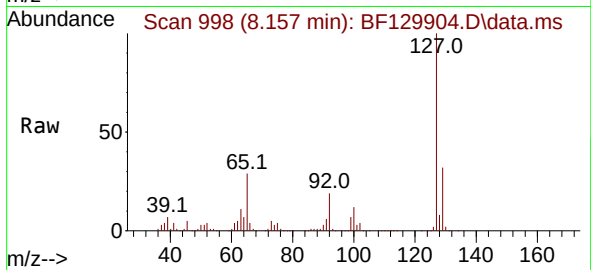
PB146894BS

Tgt Ion:127 Resp: 43787
Ion Ratio Lower Upper
127 100
129 32.5 26.7 40.1
65 29.3 24.2 36.2
92 19.3 15.2 22.8

Manual Integrations

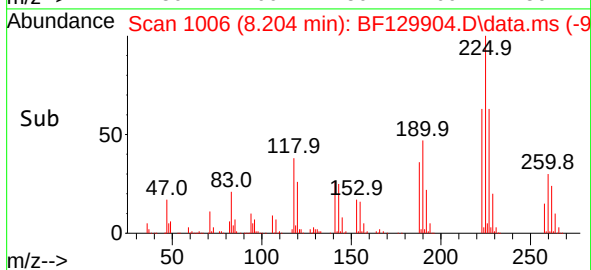
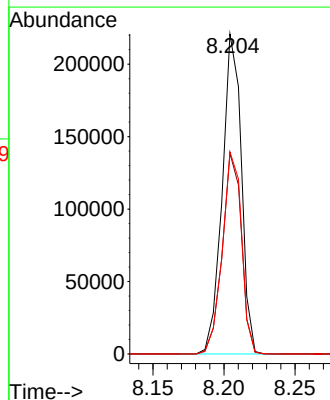
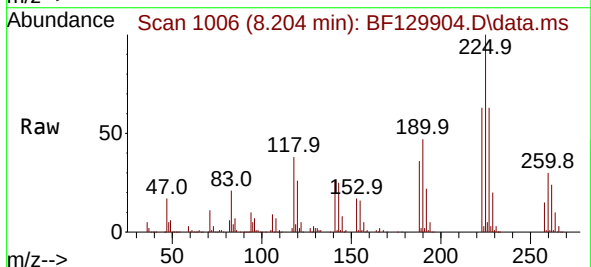
APPROVED

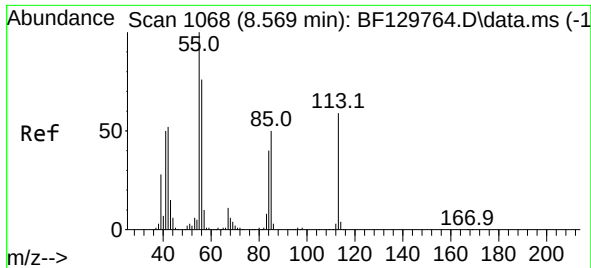
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#34
Hexachlorobutadiene
Concen: 39.031 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

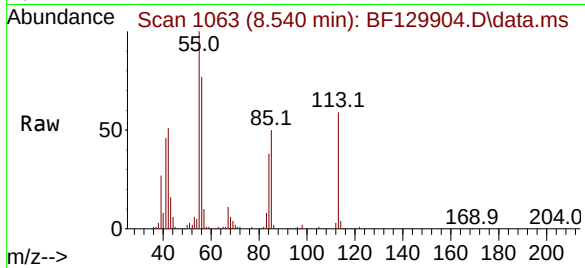
Tgt Ion:225 Resp: 205330
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.1 50.6 75.8





#35
Caprolactam
Concen: 40.888 ng m
RT: 8.540 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

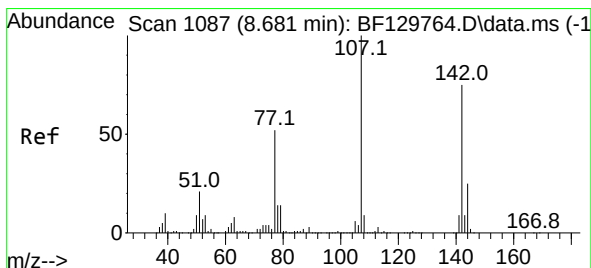
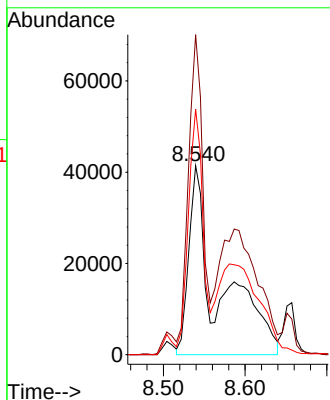
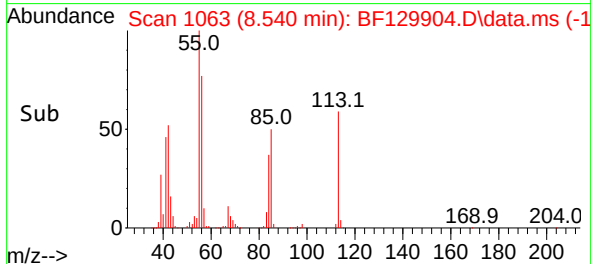
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion:113 Resp: 10413
Ion Ratio Lower Upper
113 100
55 169.4 148.8 188.8
56 129.9 109.1 149.1

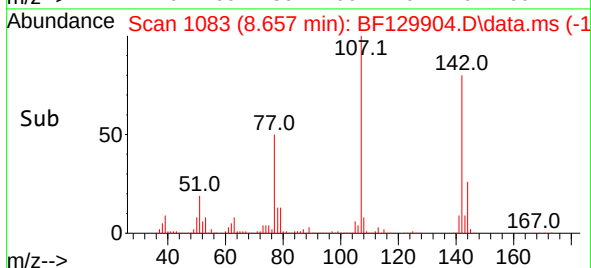
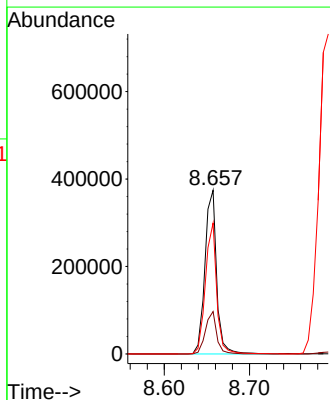
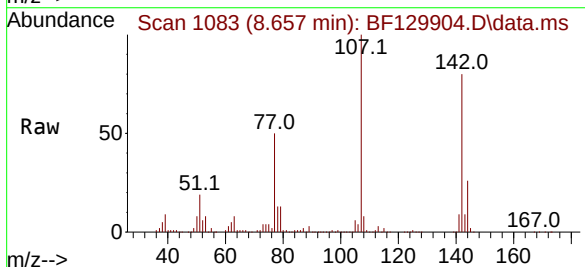
Manual Integrations
APPROVED

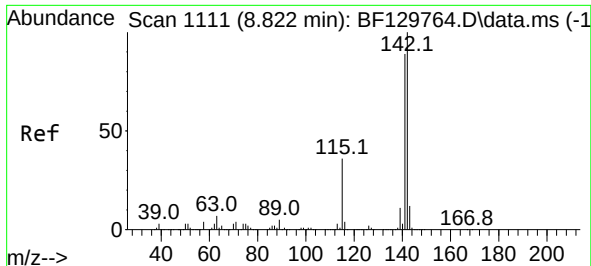
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#36
4-Chloro-3-methylphenol
Concen: 40.374 ng
RT: 8.657 min Scan# 1083
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:107 Resp: 356707
Ion Ratio Lower Upper
107 100
144 25.9 19.9 29.9
142 79.9 60.2 90.4





#37

2-Methylnaphthalene

Concen: 38.928 ng

RT: 8.792 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:142 Resp: 75298

Ion Ratio Lower Upper

142 100

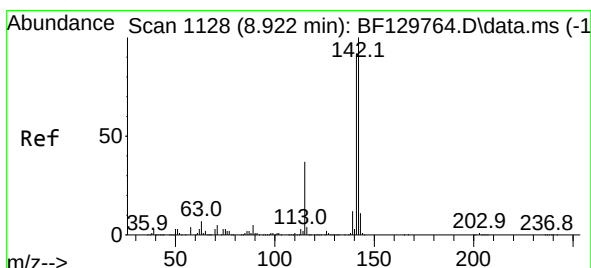
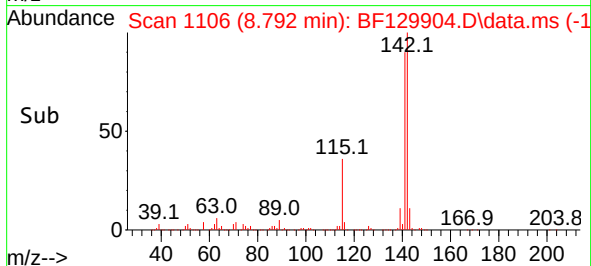
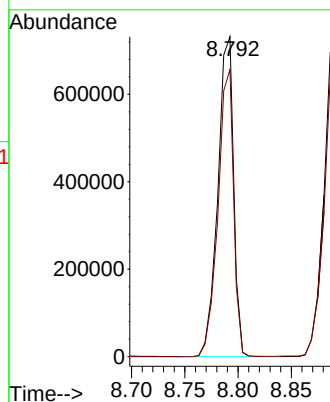
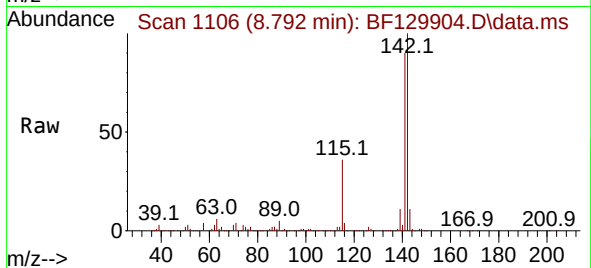
141 89.7 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#38

1-Methylnaphthalene

Concen: 37.816 ng

RT: 8.887 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF129904.D

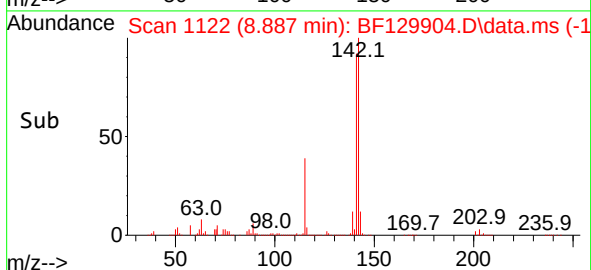
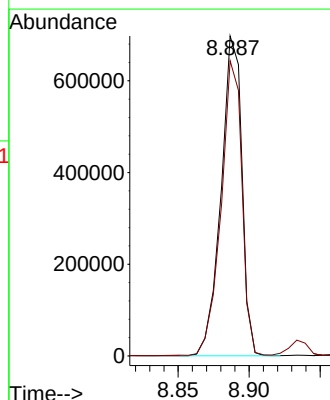
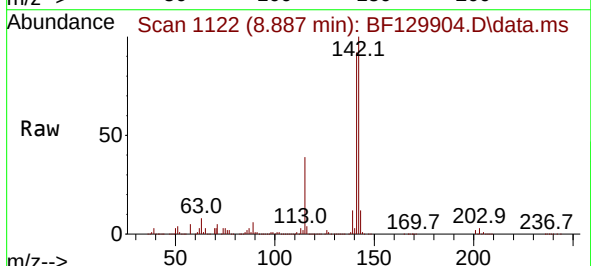
Acq: 19 Aug 2022 10:46

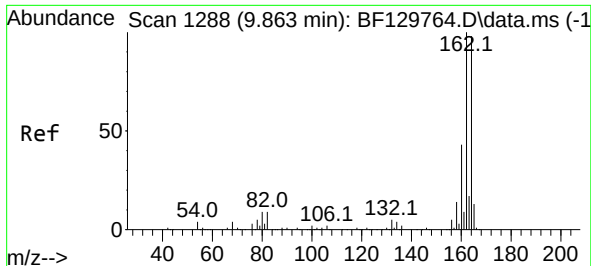
Tgt Ion:142 Resp: 710878

Ion Ratio Lower Upper

142 100

141 92.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF129904.D

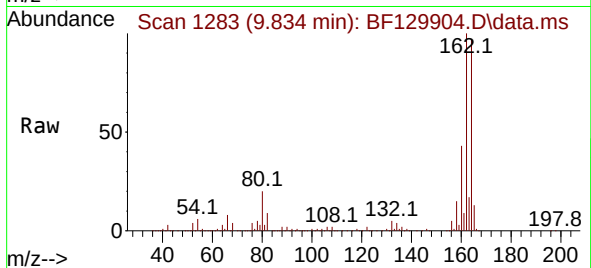
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS



Tgt Ion:164 Resp: 293190

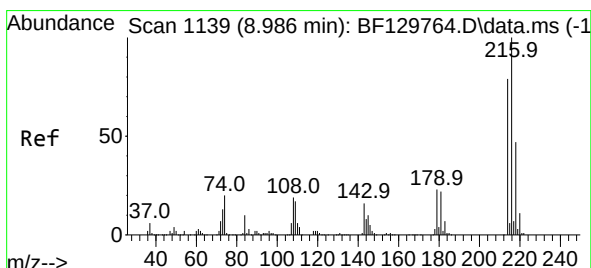
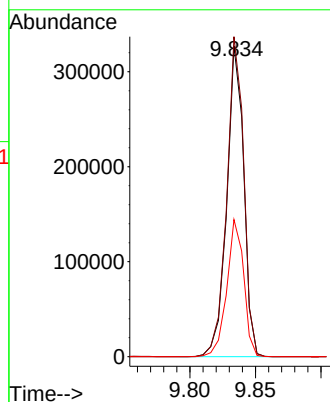
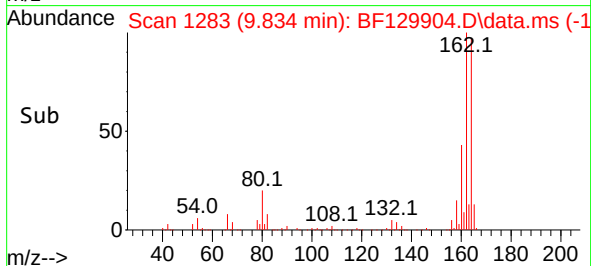
Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.0	123.0
160	44.1	35.4	53.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.714 ng

RT: 8.957 min Scan# 1134

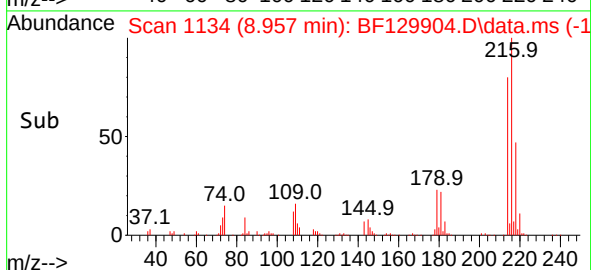
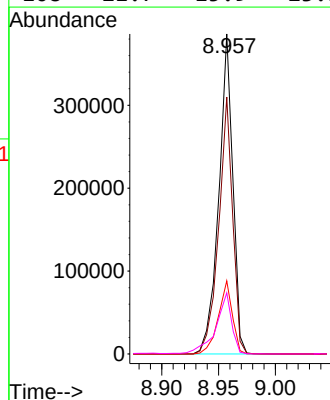
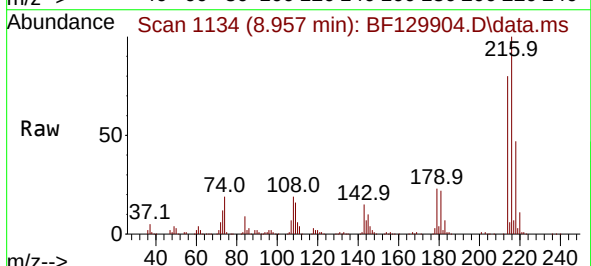
Delta R.T. 0.000 min

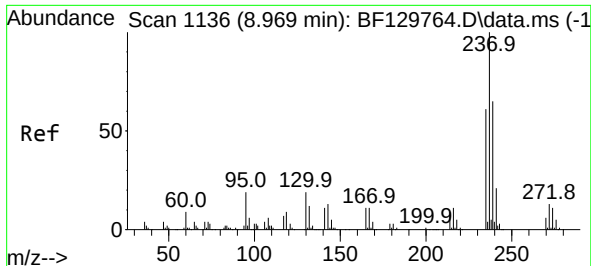
Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Tgt Ion:216 Resp: 332013

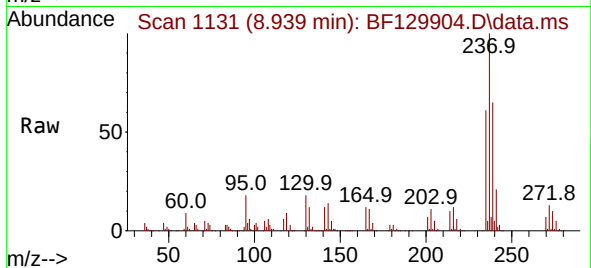
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.1	94.7
179	22.9	18.1	27.1
108	21.7	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 82.894 ng
RT: 8.939 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

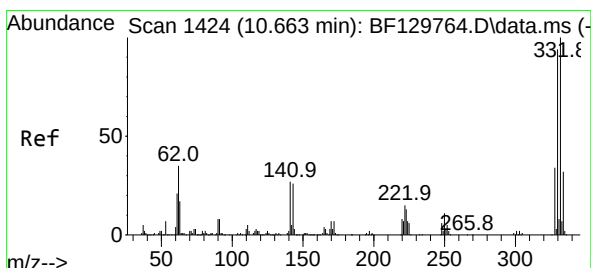
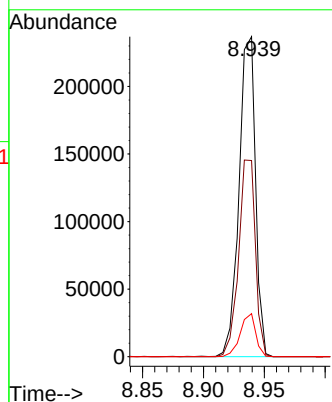
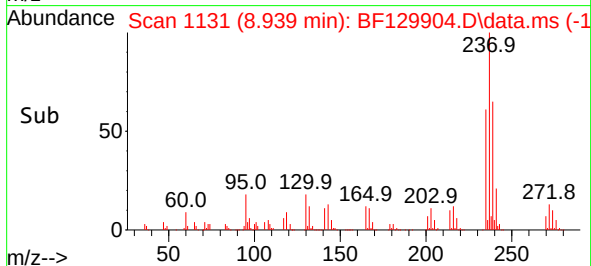
Instrument :
BNA_F
ClientSampleId :
PB146894BS



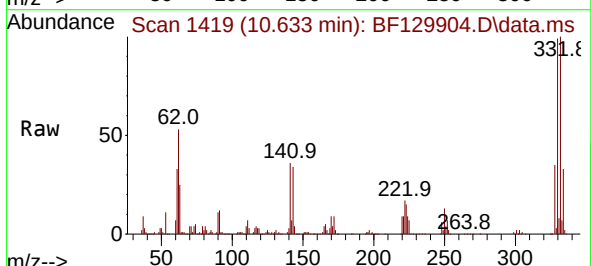
Tgt Ion:237 Resp: 223794
Ion Ratio Lower Upper
237 100
235 61.3 41.5 81.5
272 13.5 0.0 33.3

Manual Integrations
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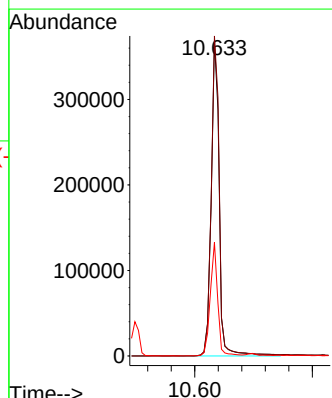
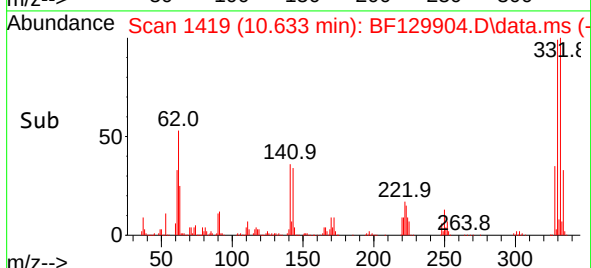
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

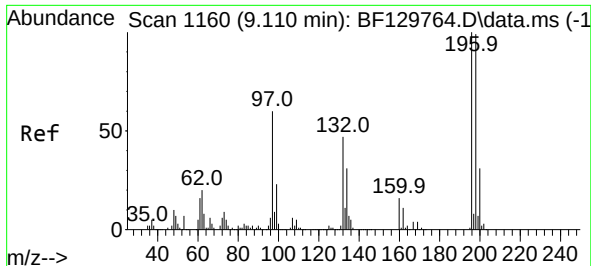


#42
2,4,6-Tribromophenol
Concen: 117.353 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



Tgt Ion:330 Resp: 345330
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 33.8 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 38.731 ng

RT: 9.081 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:196 Resp: 205209

Ion Ratio Lower Upper

196 100

198 96.5 79.0 118.4

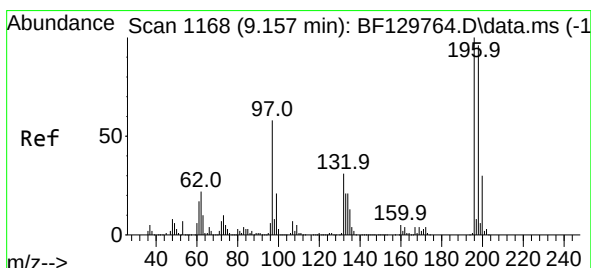
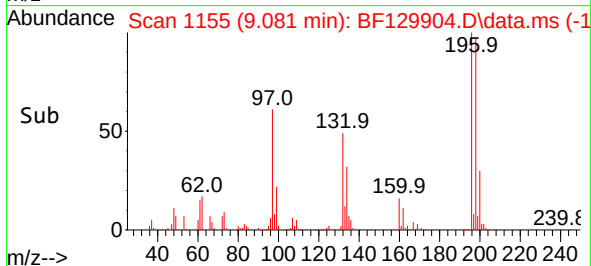
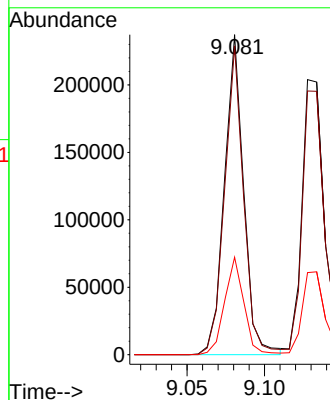
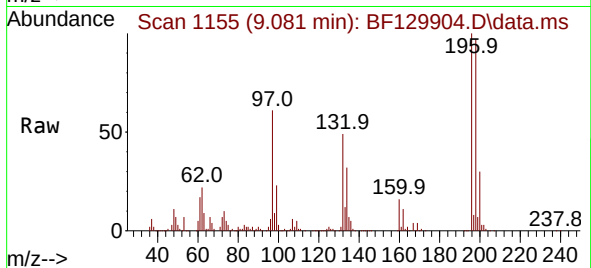
200 30.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#44

2,4,5-Trichlorophenol

Concen: 38.690 ng

RT: 9.128 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Tgt Ion:196 Resp: 220544

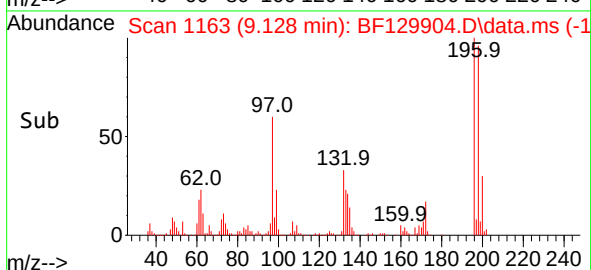
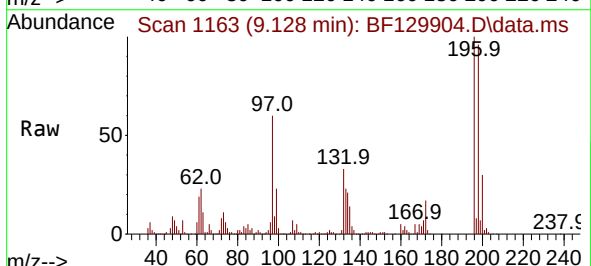
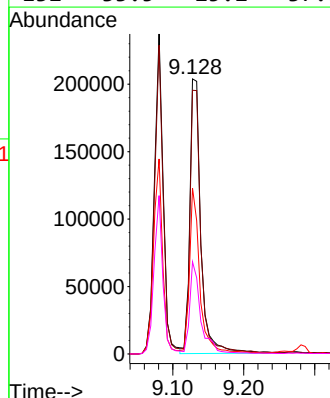
Ion Ratio Lower Upper

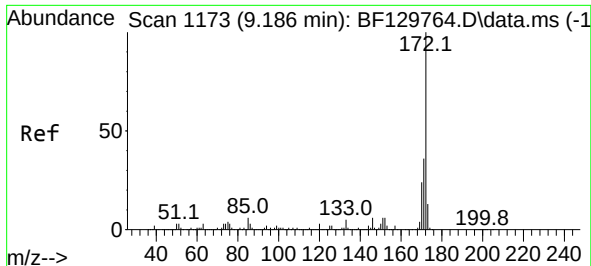
196 100

198 95.9 76.4 114.6

97 60.3 46.5 69.7

132 33.5 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 76.431 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

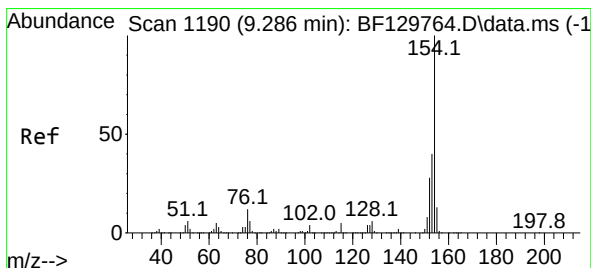
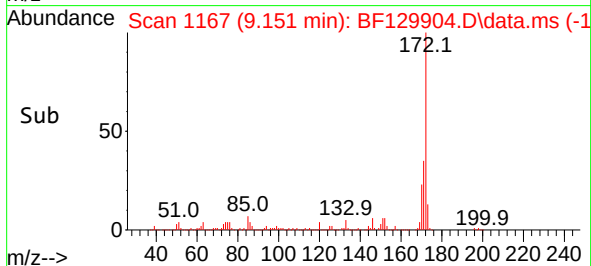
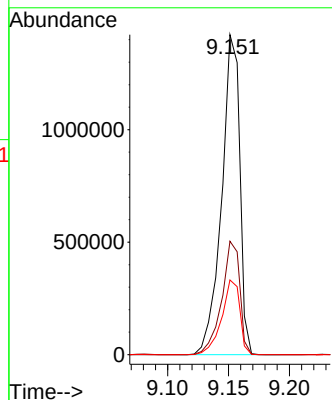
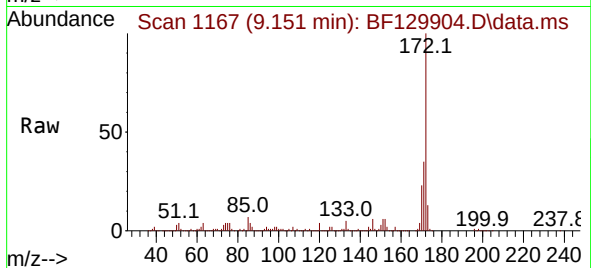
PB146894BS

Tgt Ion:172 Resp: 147545
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.1 28.7

Manual Integrations

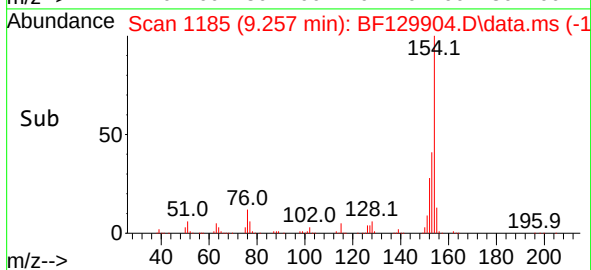
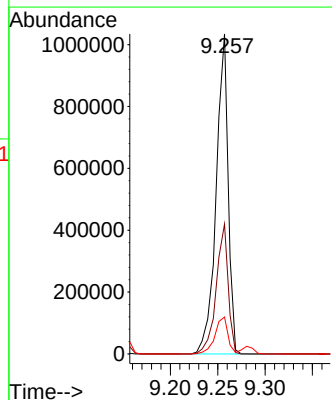
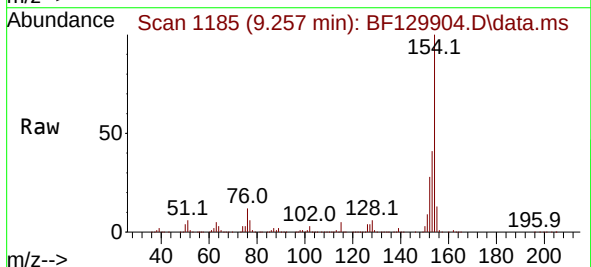
APPROVED

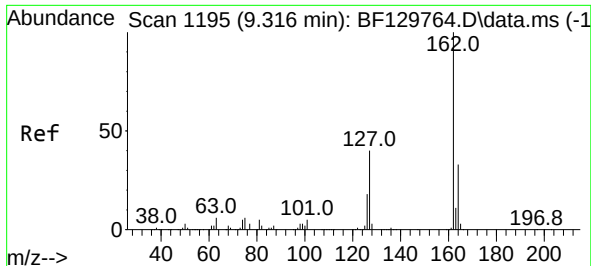
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#46
1,1'-Biphenyl
Concen: 40.833 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:154 Resp: 909507
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 11.5 0.0 32.1





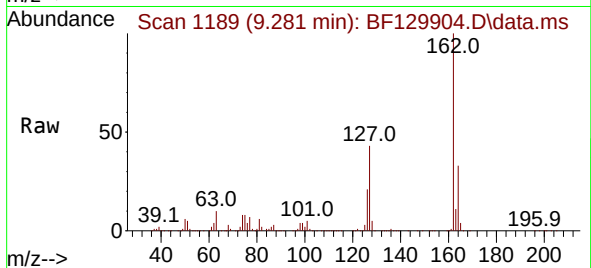
#47
2-Chloronaphthalene
Concen: 39.999 ng
RT: 9.281 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

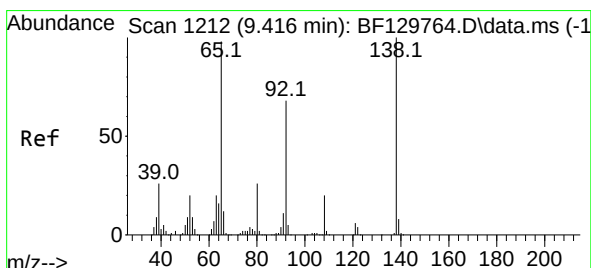
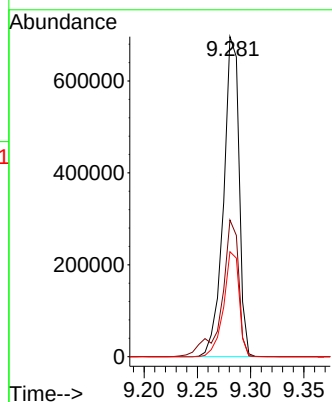
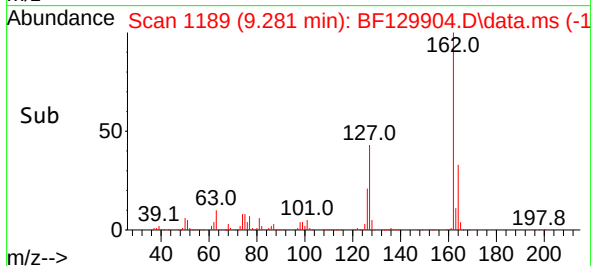


Tgt Ion:162 Resp: 704925
Ion Ratio Lower Upper
162 100
127 42.7 33.1 49.7
164 32.8 26.7 40.1

Manual Integrations

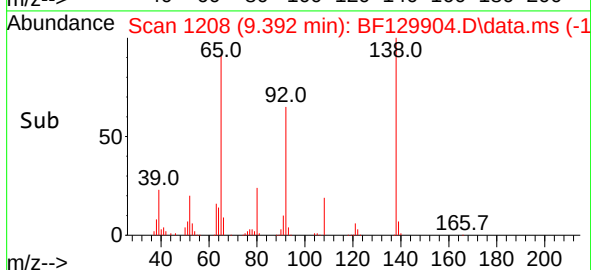
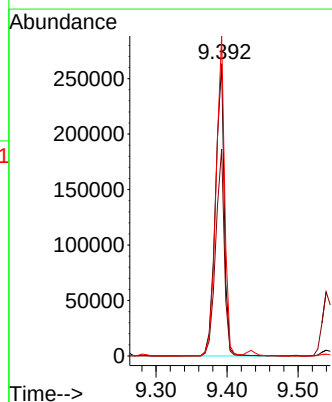
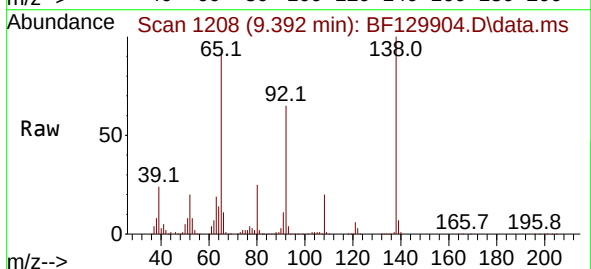
APPROVED

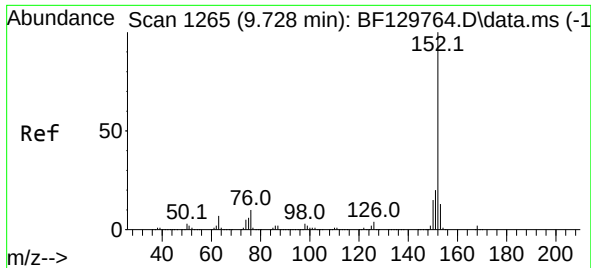
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#48
2-Nitroaniline
Concen: 41.167 ng
RT: 9.392 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

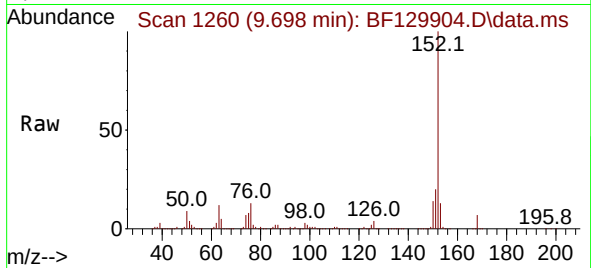
Tgt Ion: 65 Resp: 229279
Ion Ratio Lower Upper
65 100
92 70.8 55.0 82.4
138 109.5 81.3 121.9





#49
Acenaphthylene
Concen: 39.610 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

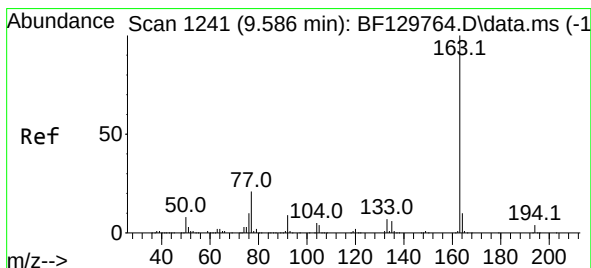
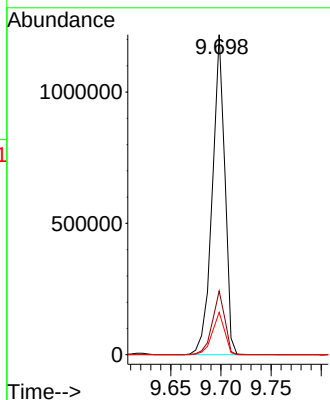
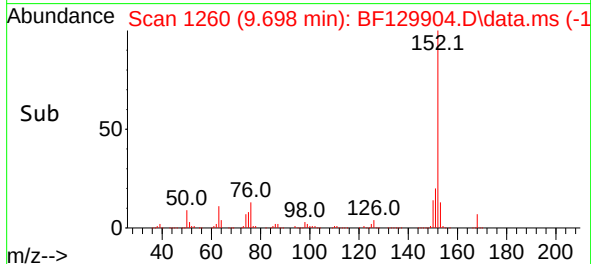
Instrument :
BNA_F
ClientSampleId :
PB146894BS



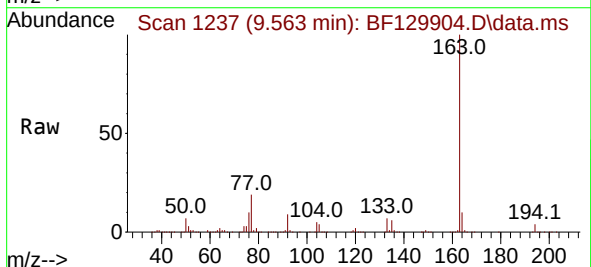
Tgt Ion:152 Resp: 105858
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.3 10.6 16.0

Manual Integrations
APPROVED

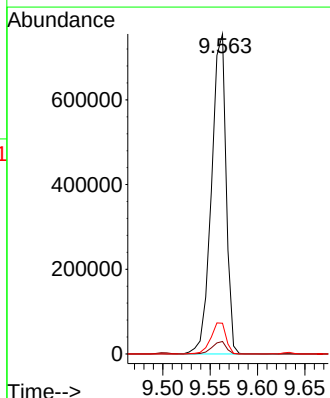
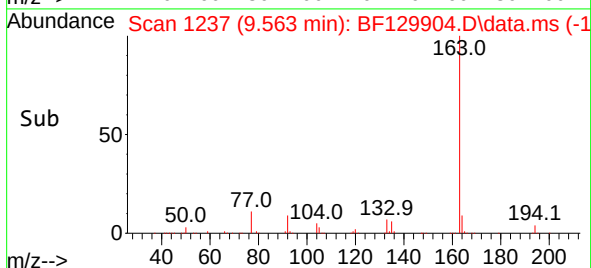
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

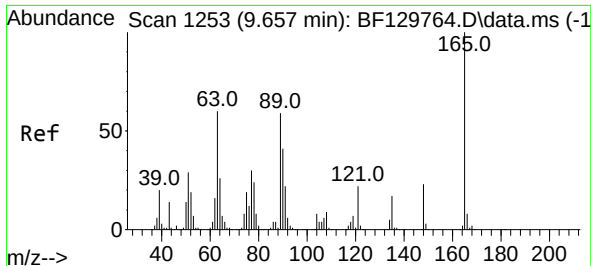


#50
Dimethylphthalate
Concen: 38.514 ng
RT: 9.563 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



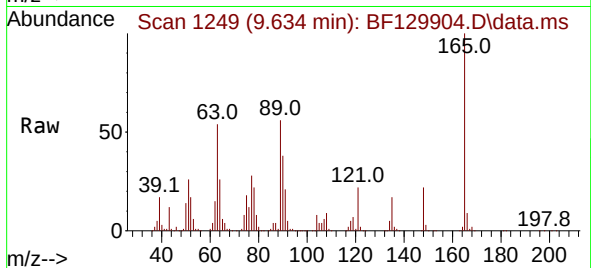
Tgt Ion:163 Resp: 809491
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 39.998 ng
RT: 9.634 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

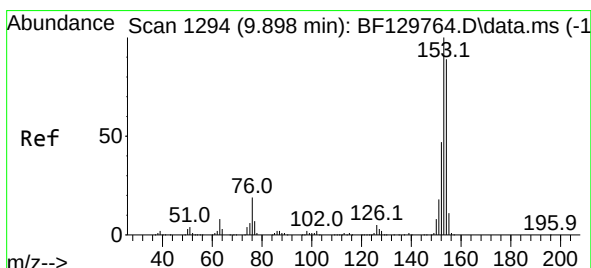
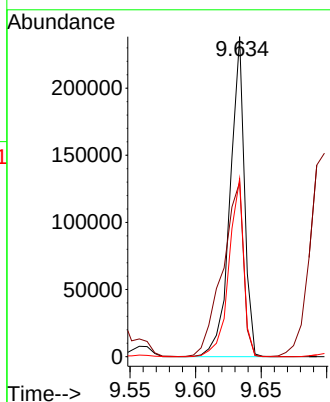
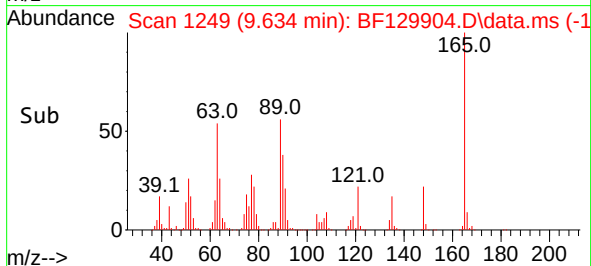
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion:165 Resp: 18236
Ion Ratio Lower Upper
165 100
63 54.5 47.8 71.8
89 55.6 47.2 70.8

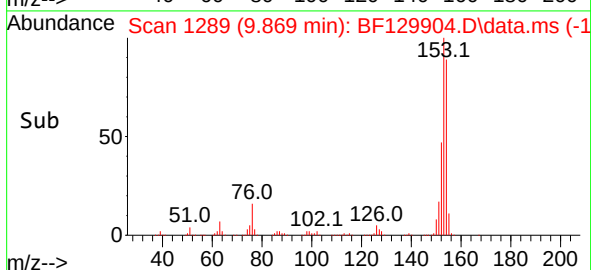
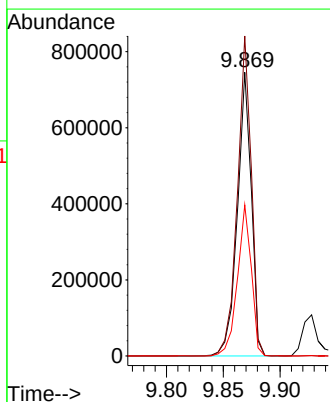
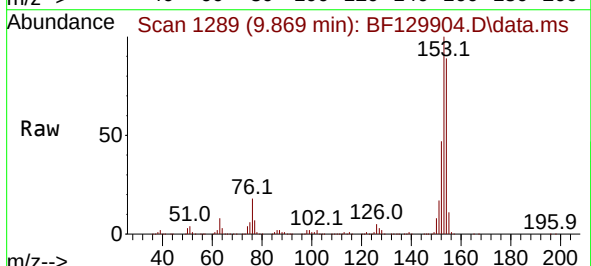
Manual Integrations
APPROVED

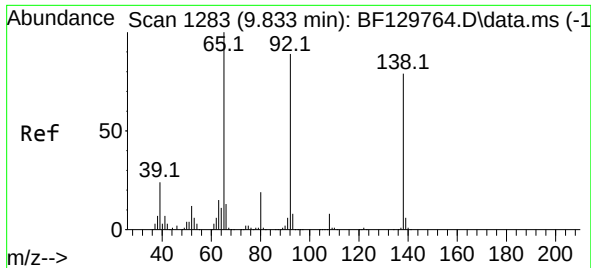
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#52
Acenaphthene
Concen: 39.190 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:154 Resp: 635432
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 53.3 42.1 63.1





#53
3-Nitroaniline
Concen: 33.910 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

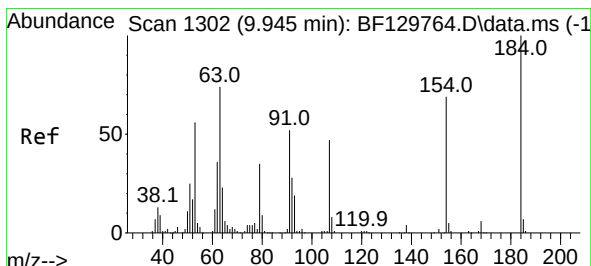
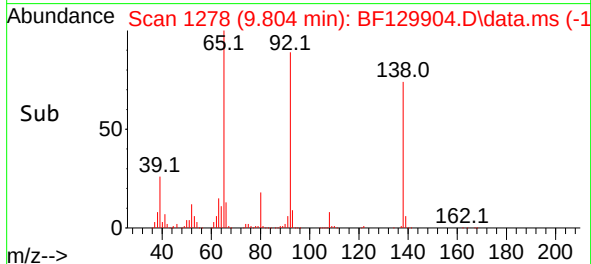
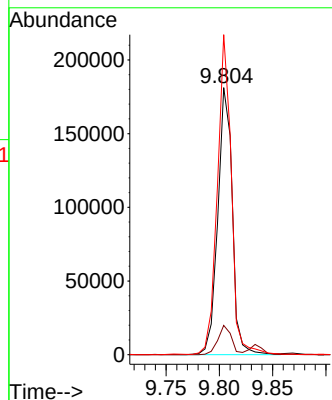
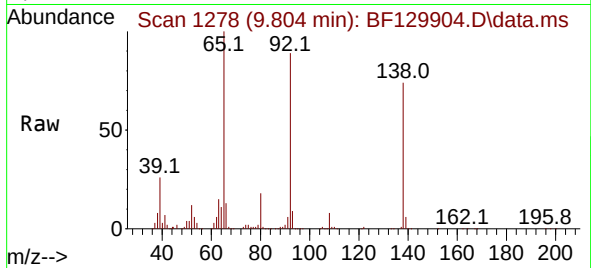
PB146894BS

Tgt Ion:138 Resp: 170980
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 119.9 89.8 134.8

Manual Integrations

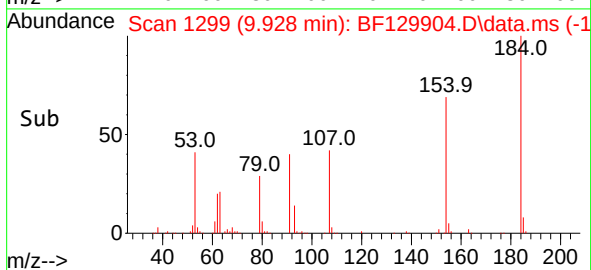
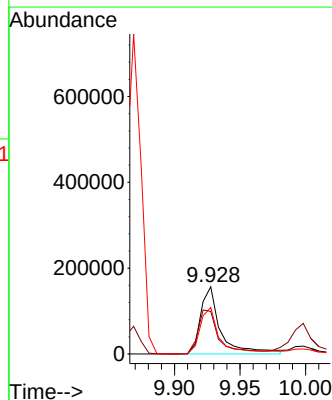
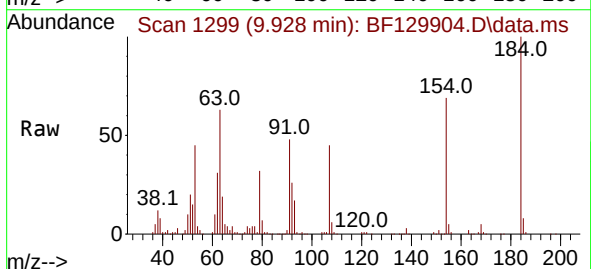
APPROVED

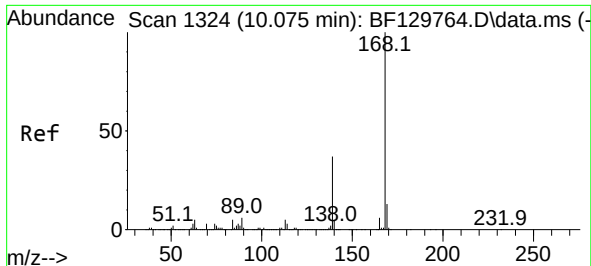
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 81.114 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

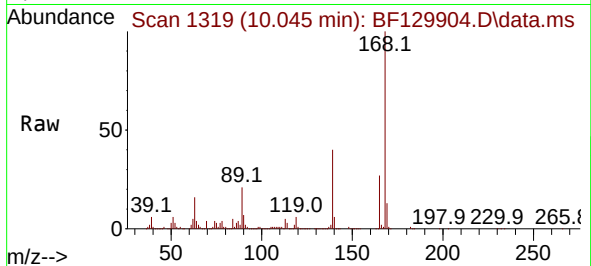
Tgt Ion:184 Resp: 167374
Ion Ratio Lower Upper
184 100
63 63.4 59.6 89.4
154 69.0 55.3 82.9





#55
Dibenzofuran
Concen: 39.409 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

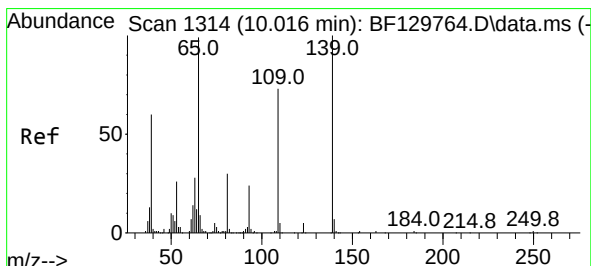
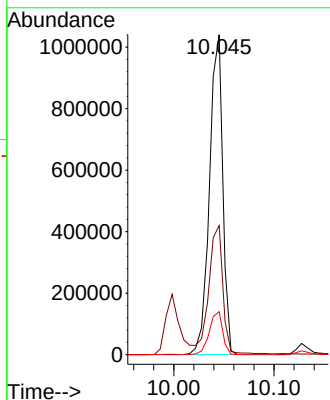
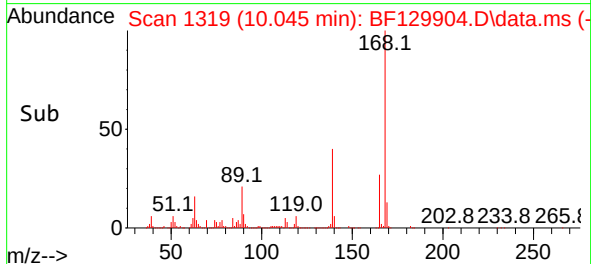
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion:168 Resp: 95997
Ion Ratio Lower Upper
168 100
139 40.3 31.3 46.9
169 13.5 10.7 16.1

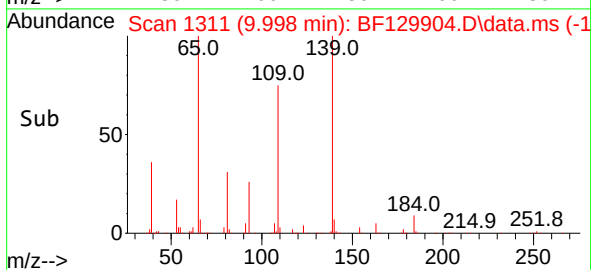
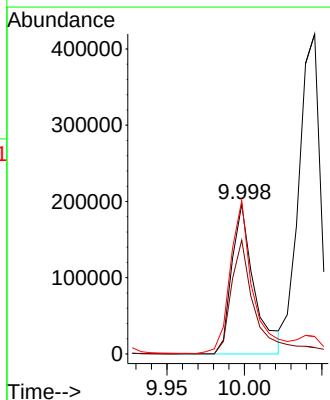
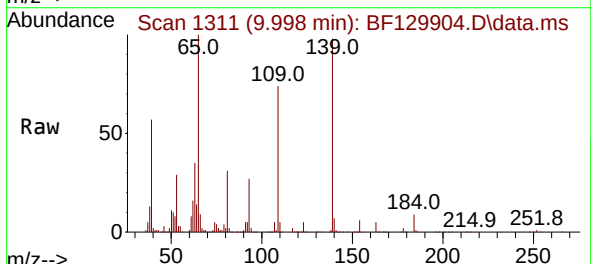
Manual Integrations
APPROVED

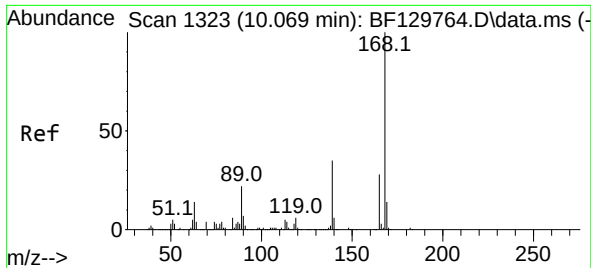
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#56
4-Nitrophenol
Concen: 88.138 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

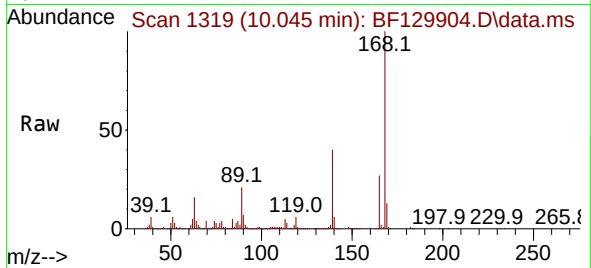
Tgt Ion:139 Resp: 197705
Ion Ratio Lower Upper
139 100
109 76.1 52.9 92.9
65 102.4 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 40.170 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

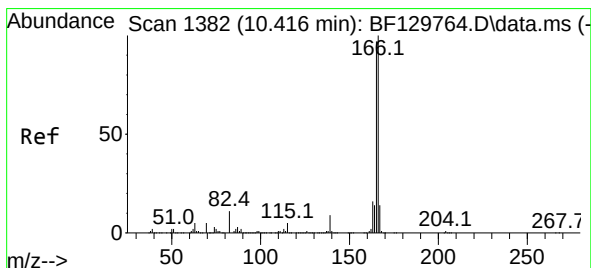
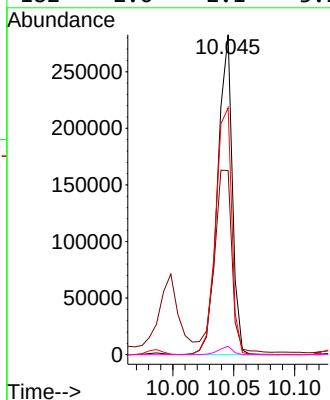
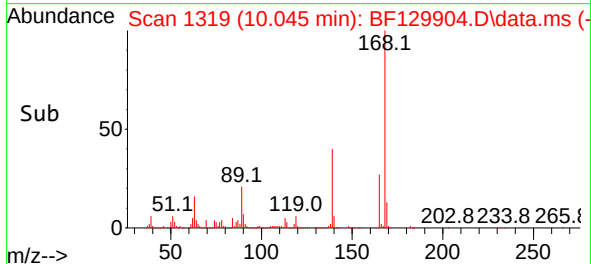
Instrument :
BNA_F
ClientSampleId :
PB146894BS



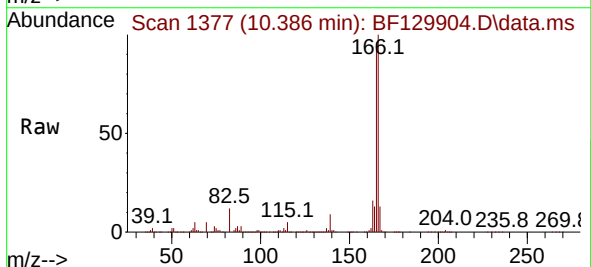
Tgt Ion:165 Resp: 237752
Ion Ratio Lower Upper
165 100
63 57.6 48.4 72.6
89 77.2 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

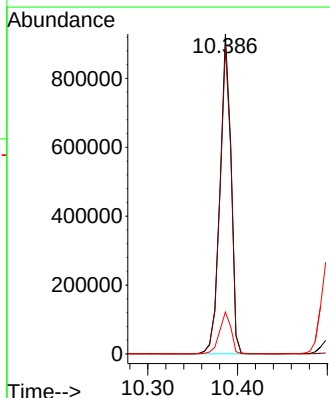
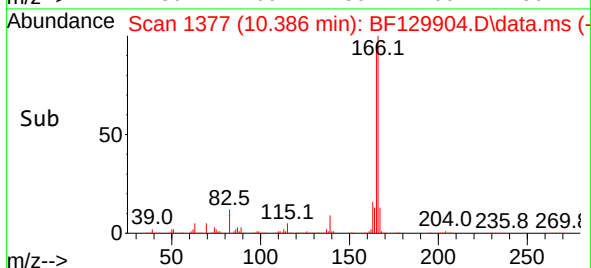
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

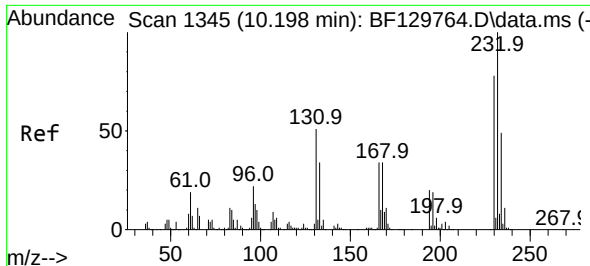


#58
Fluorene
Concen: 38.999 ng
RT: 10.386 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



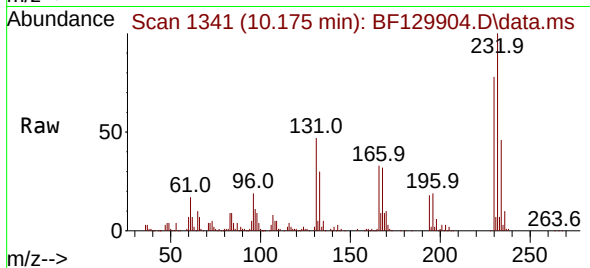
Tgt Ion:166 Resp: 793201
Ion Ratio Lower Upper
166 100
165 96.2 77.9 116.9
167 13.1 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.476 ng
RT: 10.175 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

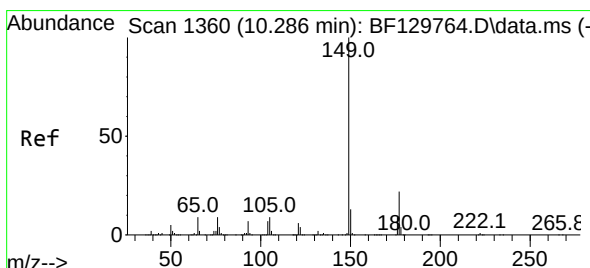
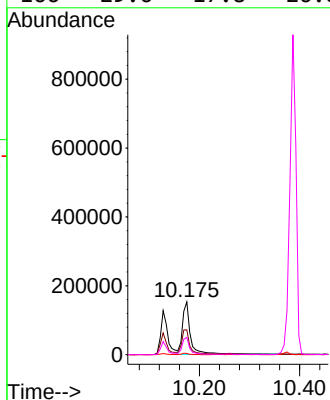
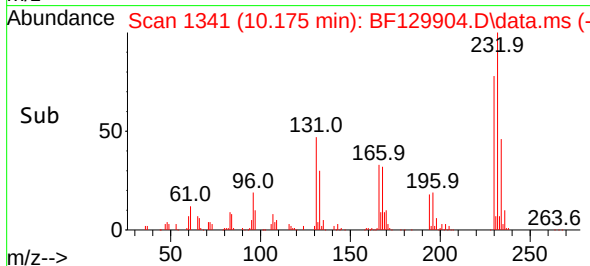
Instrument :
BNA_F
ClientSampleId :
PB146894BS



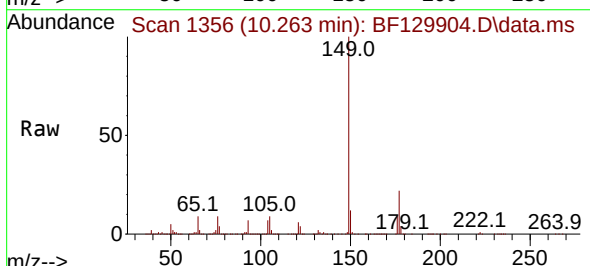
Tgt Ion:232 Resp: 16932
Ion Ratio Lower Upper
232 100
131 50.0 29.9 44.9
130 2.3 1.5 2.3
166 29.6 17.8 26.8

Manual Integrations
APPROVED

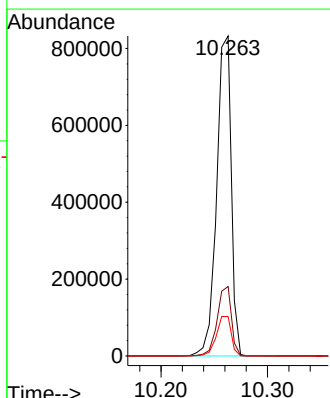
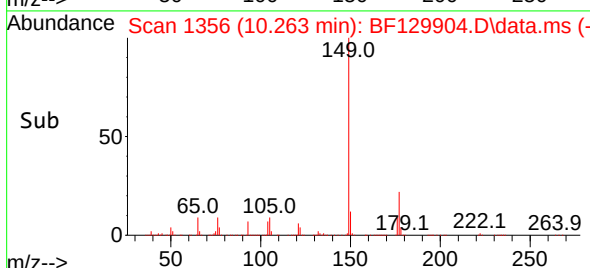
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

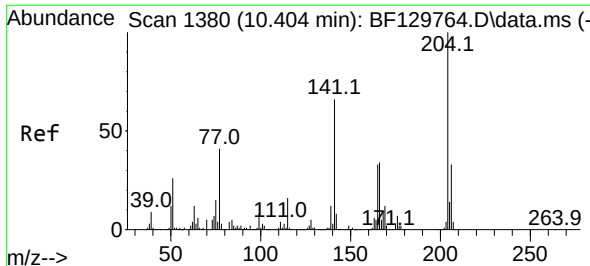


#60
Diethylphthalate
Concen: 37.687 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



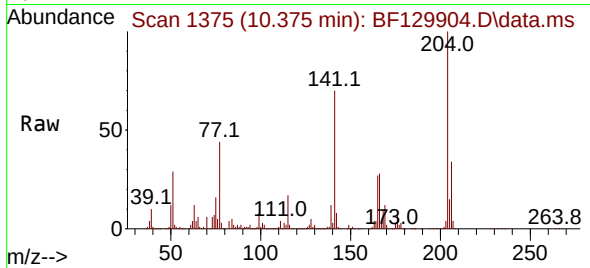
Tgt Ion:149 Resp: 789827
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.372 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

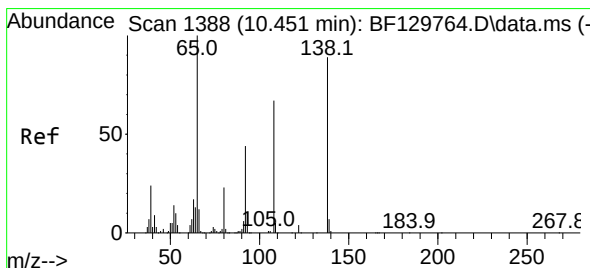
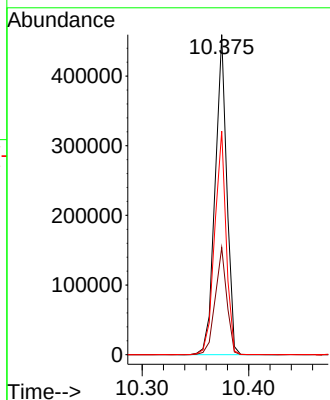
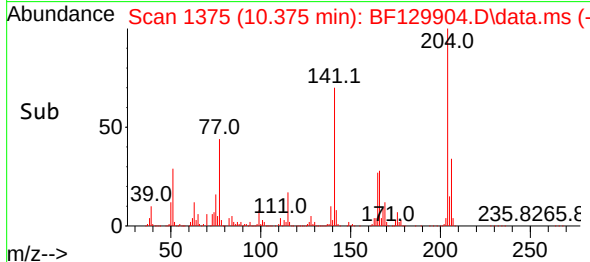
Instrument :
BNA_F
ClientSampleId :
PB146894BS



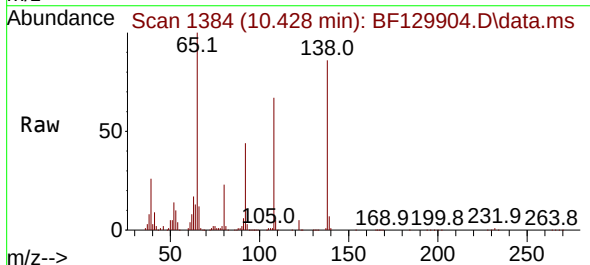
Tgt Ion:204 Resp: 350238
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 69.9 52.6 79.0

Manual Integrations
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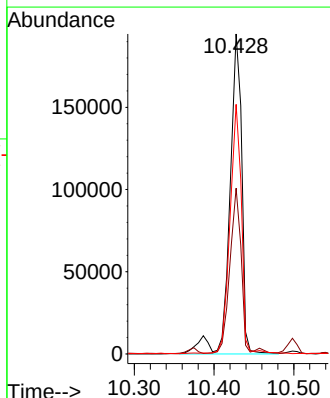
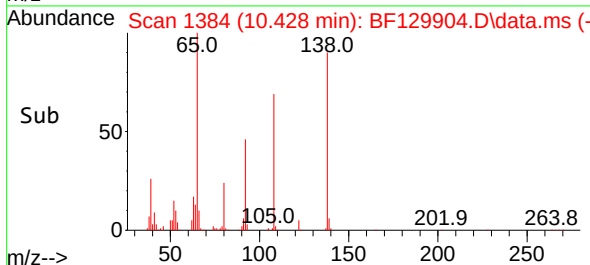
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

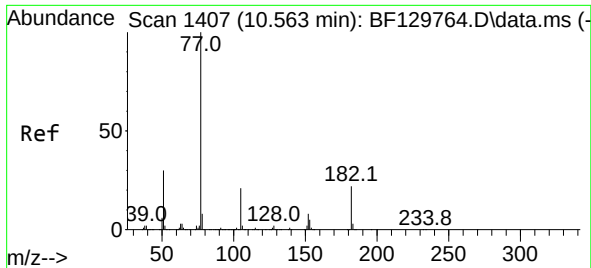


#62
4-Nitroaniline
Concen: 40.262 ng m
RT: 10.428 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



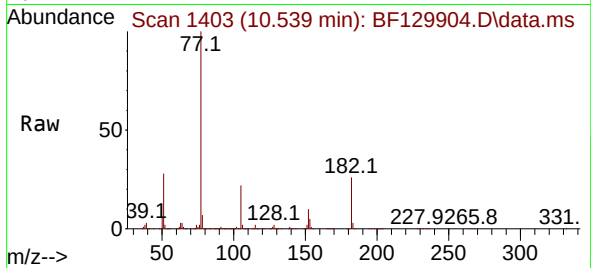
Tgt Ion:138 Resp: 204799
Ion Ratio Lower Upper
138 100
92 51.8 30.3 70.3
108 78.0 55.7 95.7





#63
Azobenzene
Concen: 39.048 ng
RT: 10.539 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

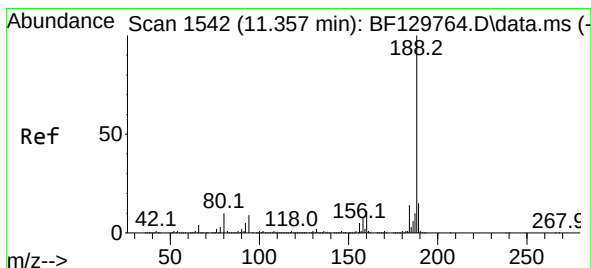
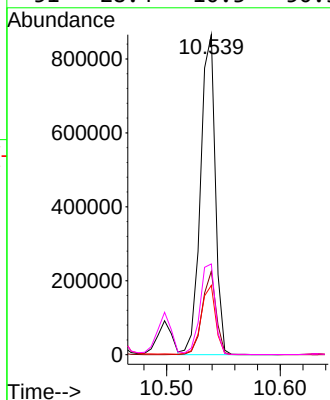
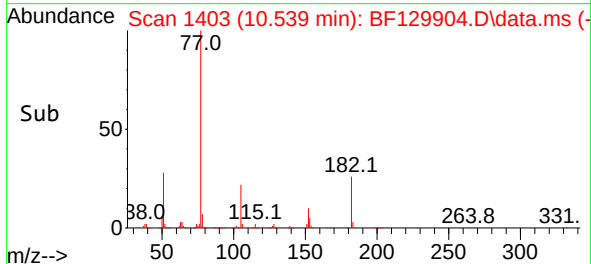
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion: 77 Resp: 782204
Ion Ratio Lower Upper
77 100
182 26.1 2.2 42.2
105 21.7 0.8 40.8
51 28.4 10.3 50.3

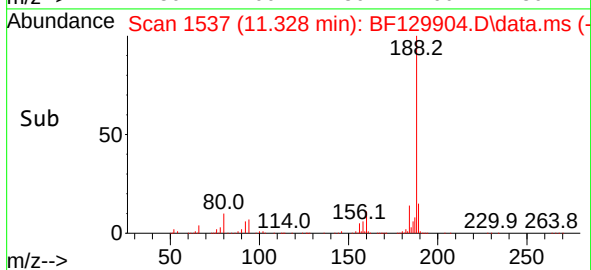
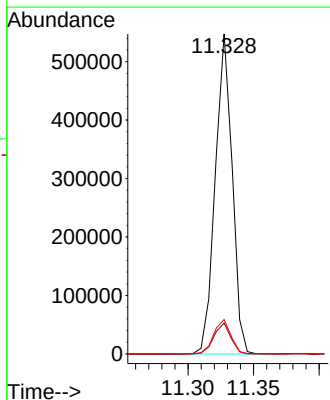
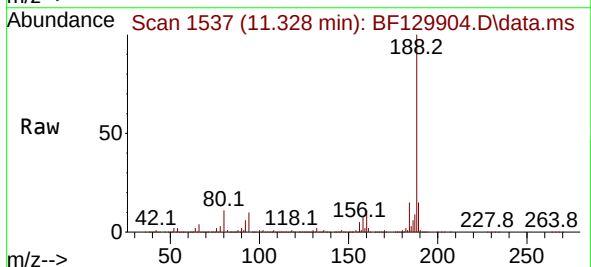
Manual Integrations
APPROVED

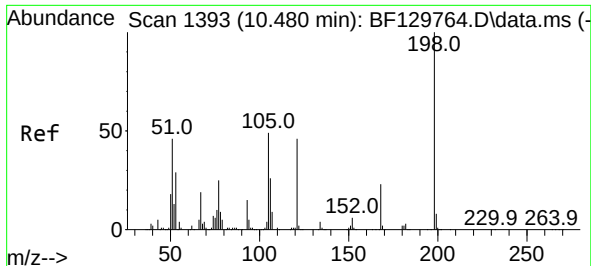
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

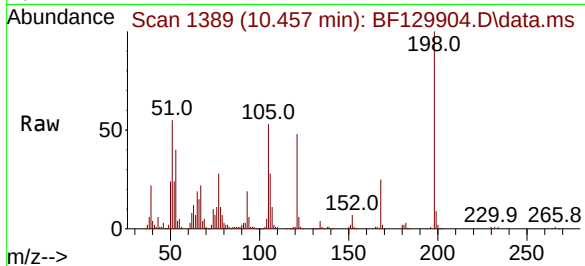
Tgt Ion:188 Resp: 490503
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 41.246 ng
RT: 10.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

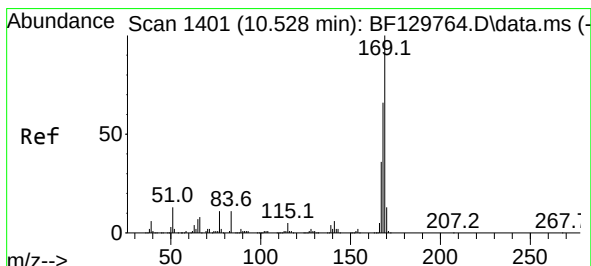
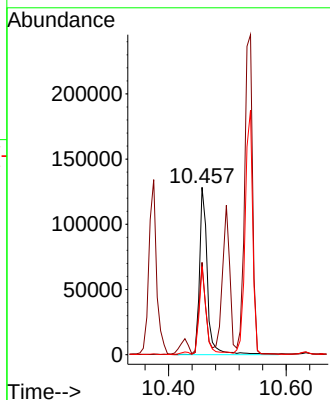
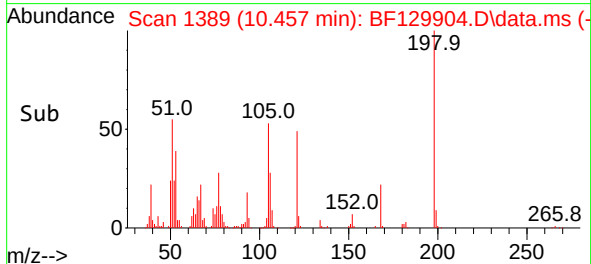
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion:198 Resp: 118770
Ion Ratio Lower Upper
198 100
51 55.1 29.4 69.4
105 52.6 29.2 69.2

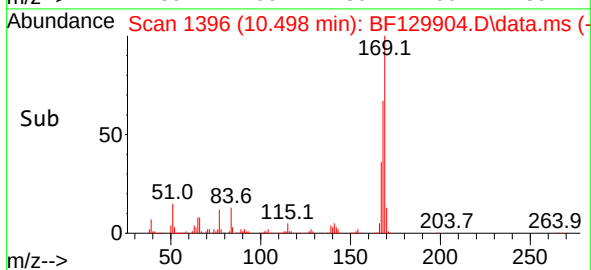
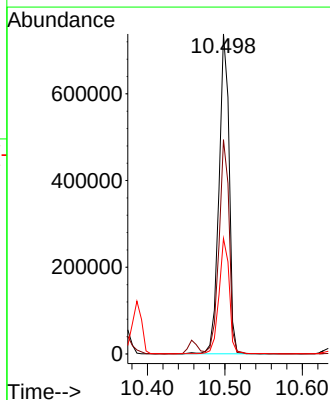
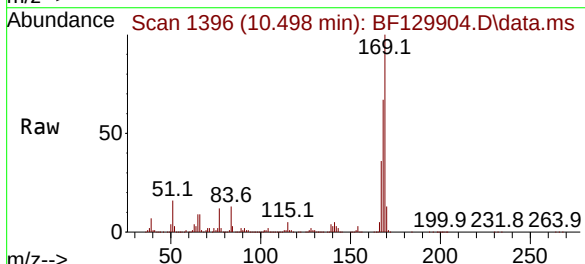
Manual Integrations
APPROVED

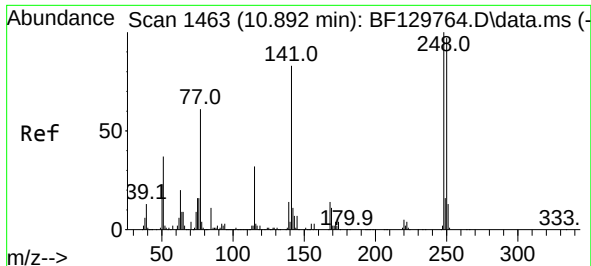
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#66
n-Nitrosodiphenylamine
Concen: 40.984 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

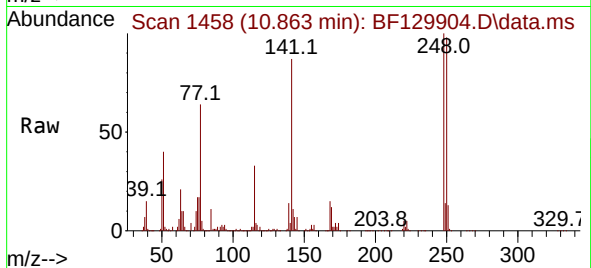
Tgt Ion:169 Resp: 678509
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.1 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 39.468 ng
RT: 10.863 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

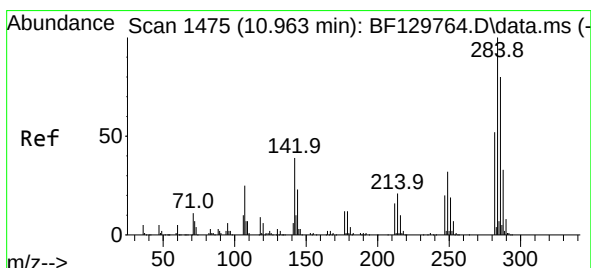
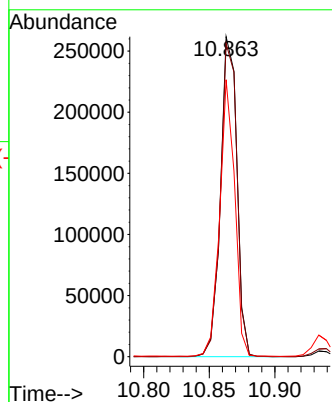
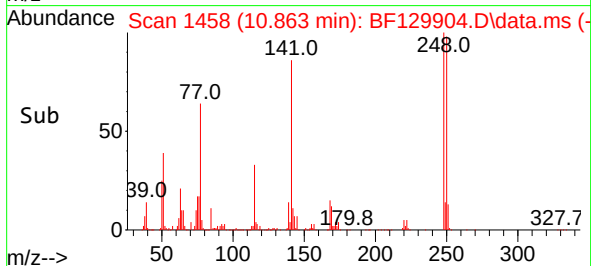
Instrument :
BNA_F
ClientSampleId :
PB146894BS



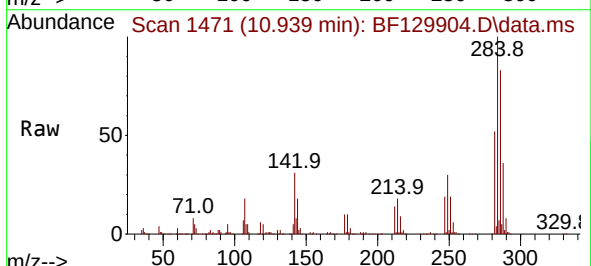
Tgt Ion:248 Resp: 226749
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 86.5 66.2 99.2

Manual Integrations
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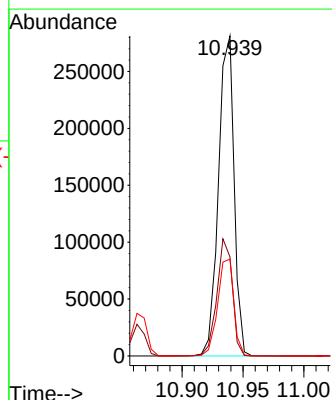
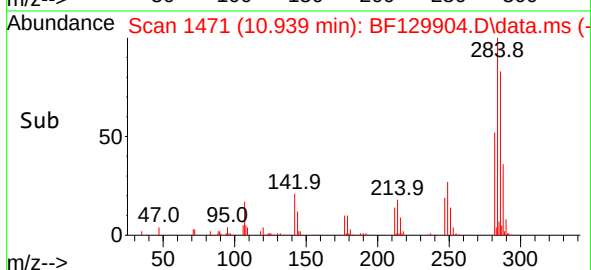
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

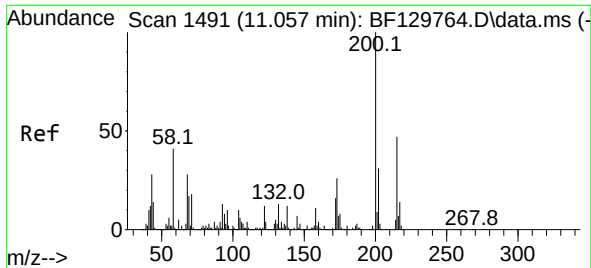


#68
Hexachlorobenzene
Concen: 40.546 ng
RT: 10.939 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



Tgt Ion:284 Resp: 252325
Ion Ratio Lower Upper
284 100
142 31.0 31.4 47.0#
249 30.3 25.7 38.5





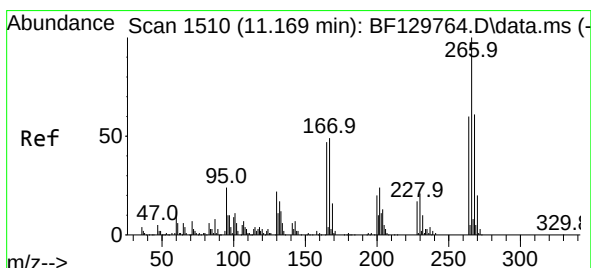
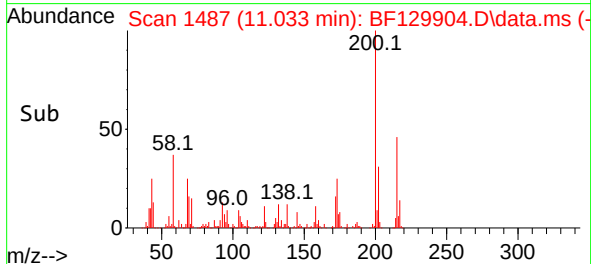
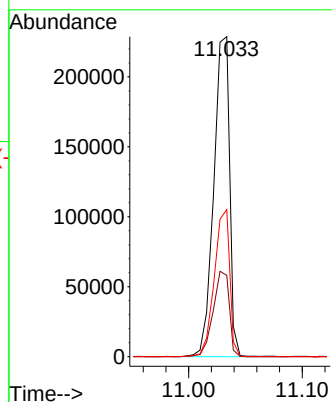
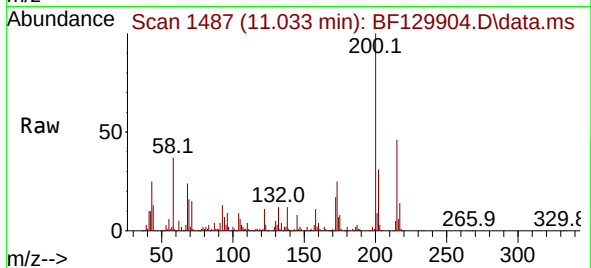
#69
Atrazine
Concen: 43.688 ng
RT: 11.033 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :
BNA_F
ClientSampleId :
PB146894BS

Tgt Ion:200 Resp: 22199
Ion Ratio Lower Upper
200 100
173 25.4 6.4 46.4
215 46.0 27.1 67.1

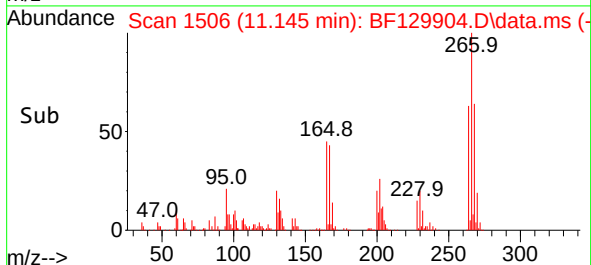
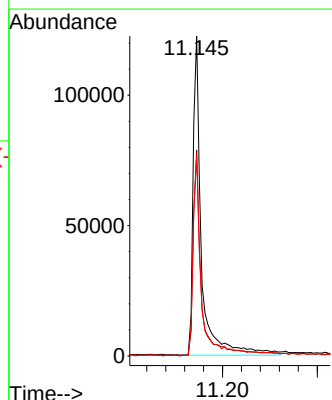
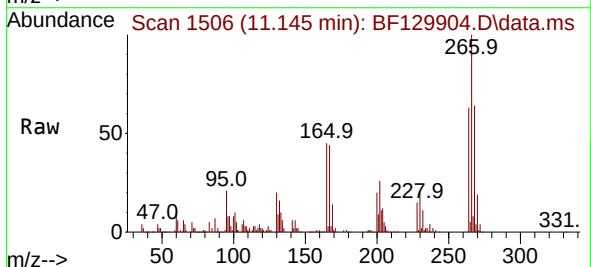
Manual Integrations
APPROVED

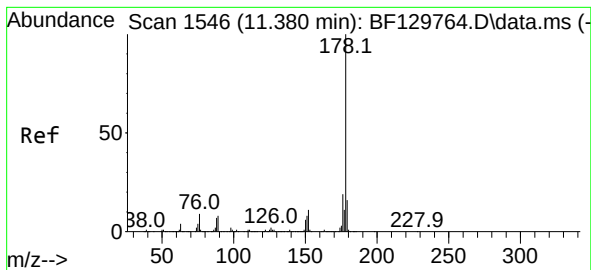
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#70
Pentachlorophenol
Concen: 81.063 ng
RT: 11.145 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion:266 Resp: 151354
Ion Ratio Lower Upper
266 100
268 64.3 49.0 73.4
264 62.6 47.9 71.9





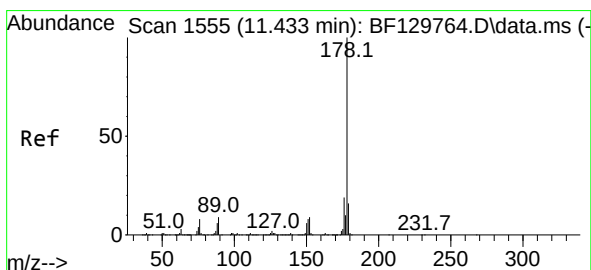
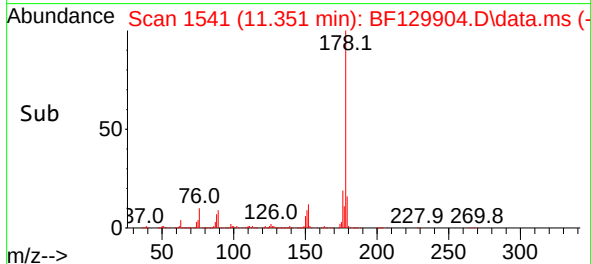
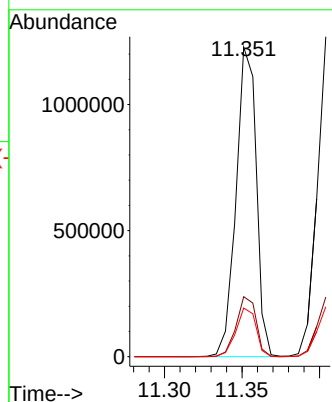
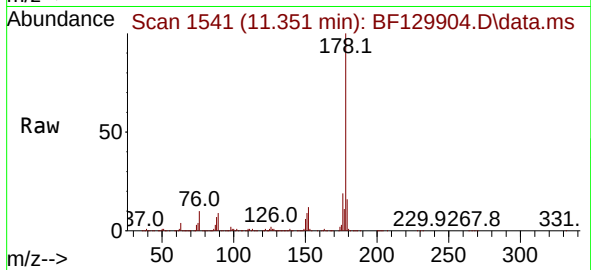
#71
Phenanthrene
Concen: 40.698 ng
RT: 11.351 min Scan# 111488
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :
BNA_F
ClientSampleId :
PB146894BS

Tgt Ion:178 Resp: 111488
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7

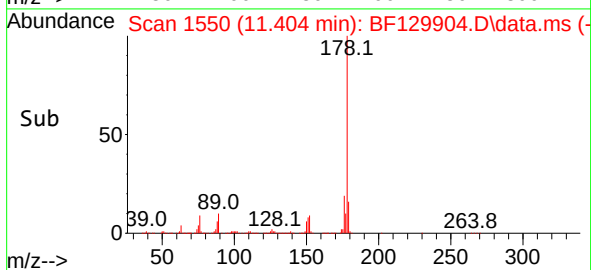
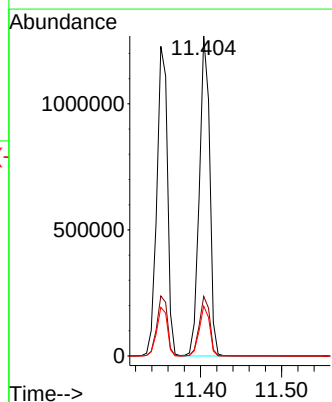
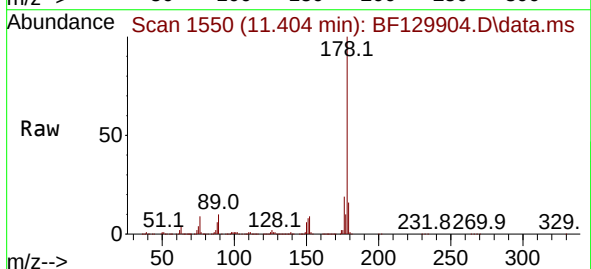
Manual Integrations
APPROVED

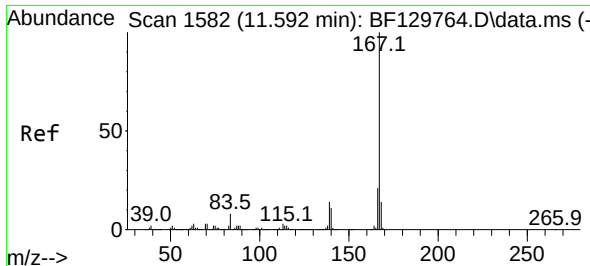
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#72
Anthracene
Concen: 41.517 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

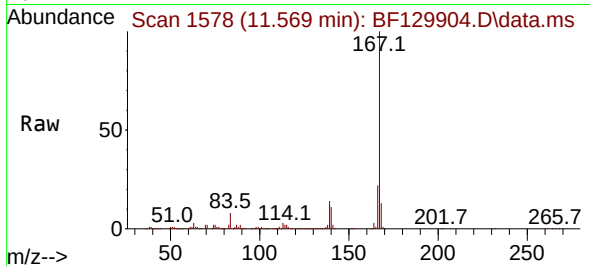
Tgt Ion:178 Resp: 1131038
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 42.953 ng
 RT: 11.569 min Scan# 1578
 Delta R.T. 0.006 min
 Lab File: BF129904.D
 Acq: 19 Aug 2022 10:46

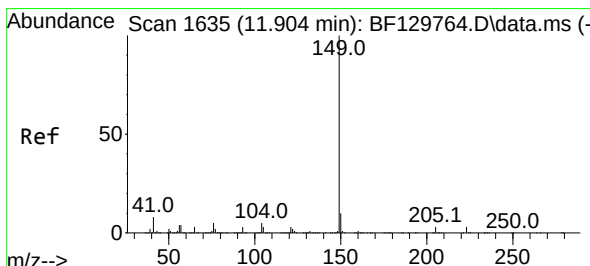
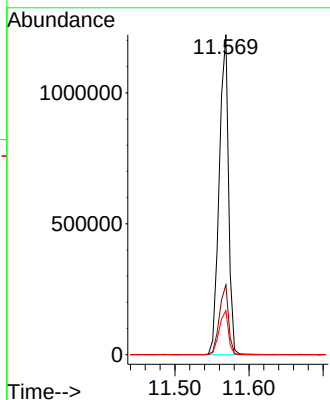
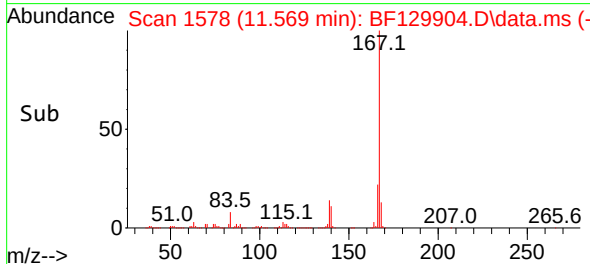
Instrument :
 BNA_F
 ClientSampleId :
 PB146894BS



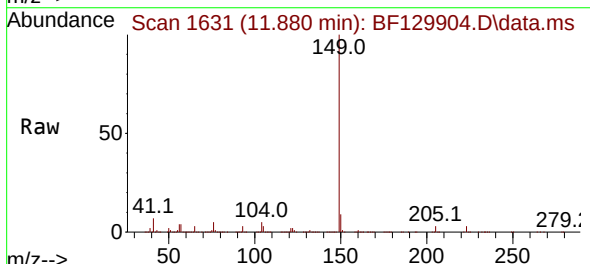
Tgt Ion:167 Resp: 1062224
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.7 11.0 16.6

Manual Integrations
 APPROVED

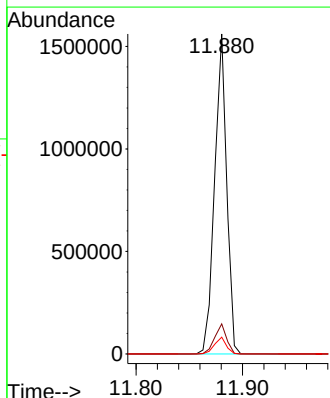
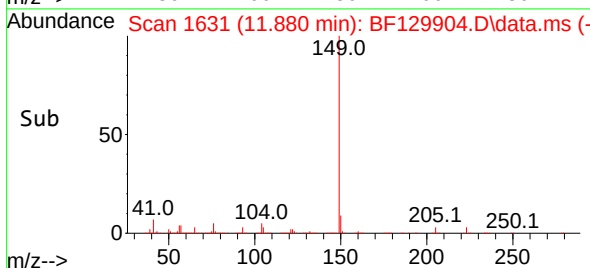
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

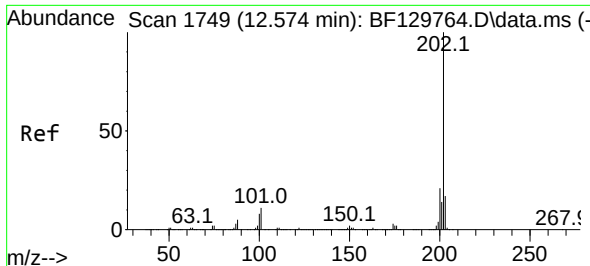


#74
 Di-n-butylphthalate
 Concen: 38.620 ng
 RT: 11.880 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: BF129904.D
 Acq: 19 Aug 2022 10:46



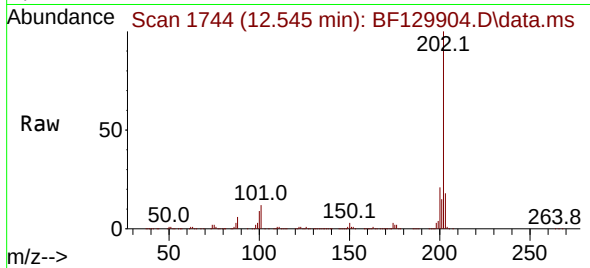
Tgt Ion:149 Resp: 1229181
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 40.778 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

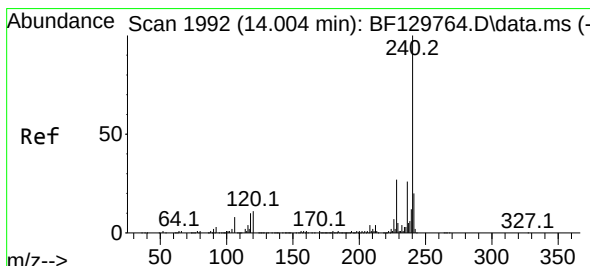
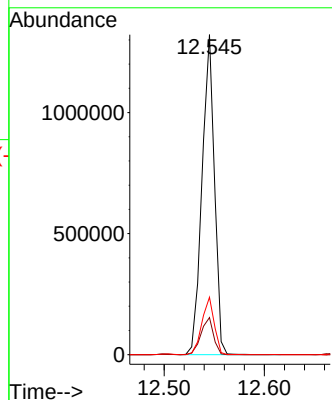
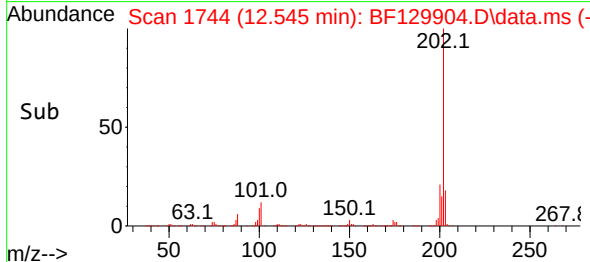
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion:202 Resp: 1143108
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 18.0 0.0 37.5

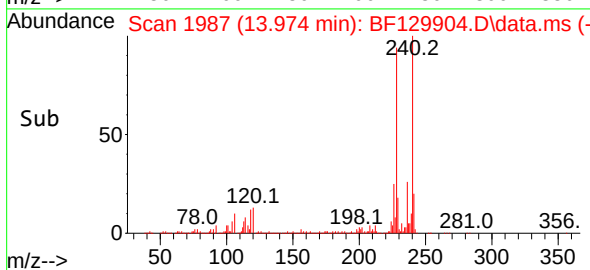
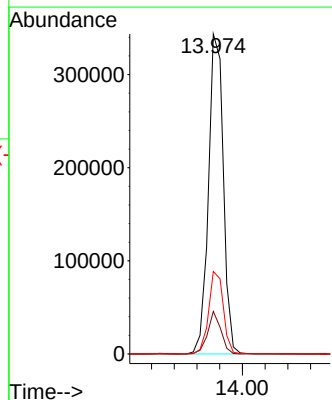
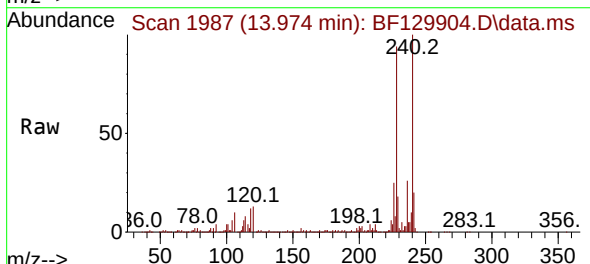
Manual Integrations
APPROVED

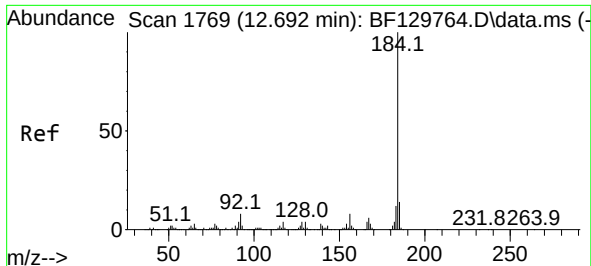
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

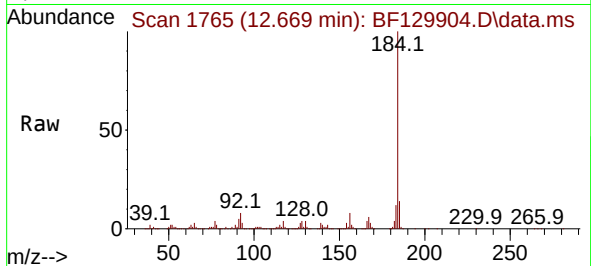
Tgt Ion:240 Resp: 311631
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 25.8 20.7 31.1





#77
Benzidine
Concen: 89.100 ng
RT: 12.669 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

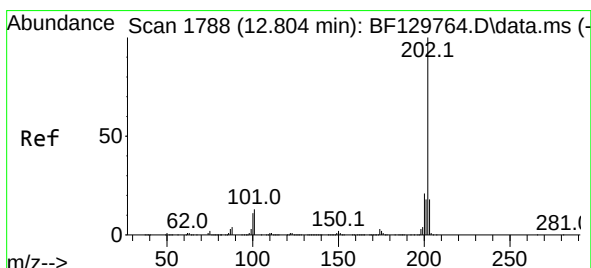
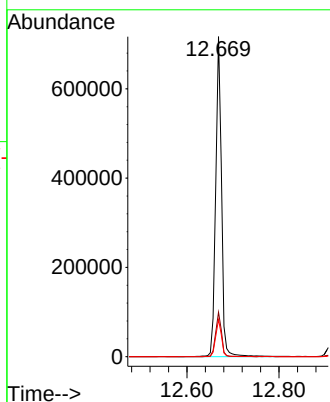
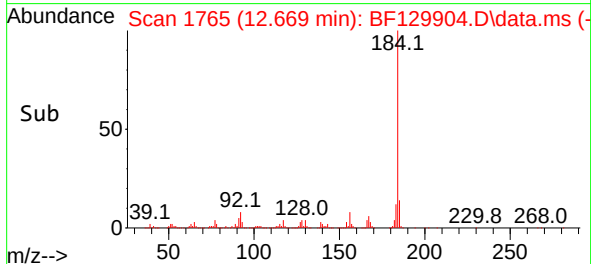
Instrument :
BNA_F
ClientSampleId :
PB146894BS



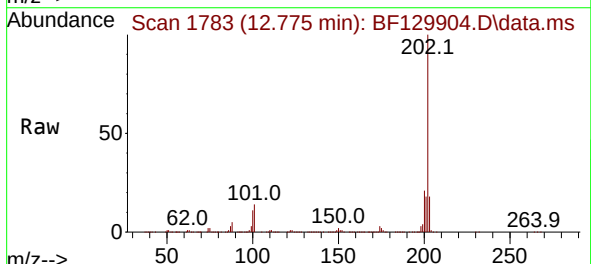
Tgt Ion:184 Resp: 62717
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.6 9.4 14.2

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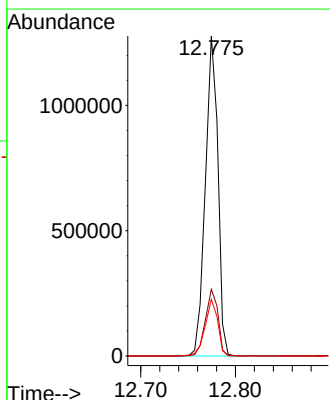
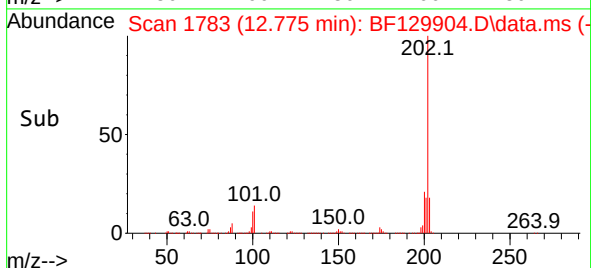
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

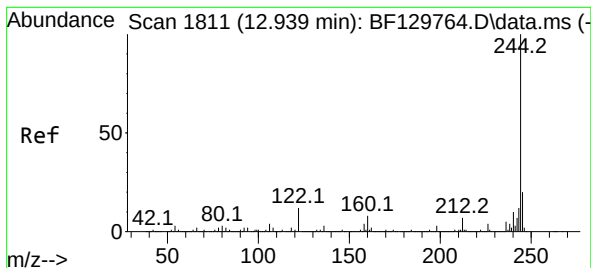


#78
Pyrene
Concen: 43.231 ng
RT: 12.775 min Scan# 1783
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



Tgt Ion:202 Resp: 1170707
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 85.540 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:244 Resp: 160204

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

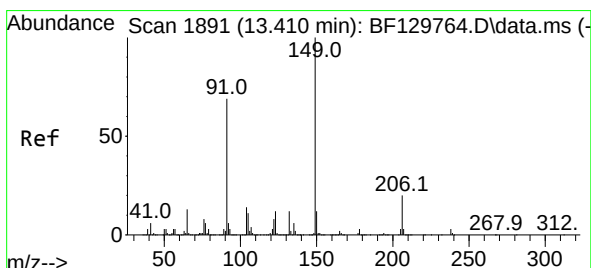
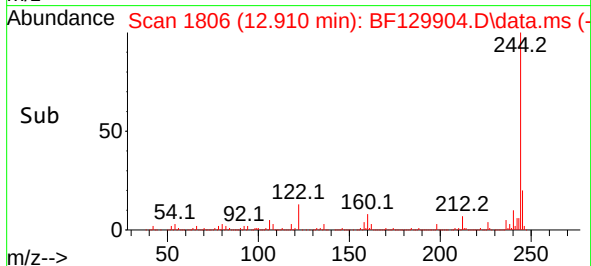
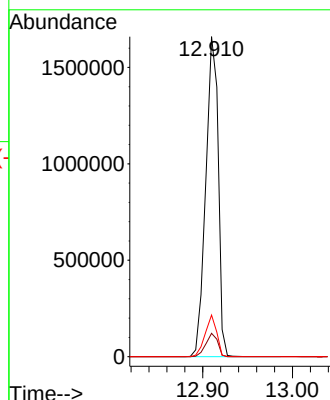
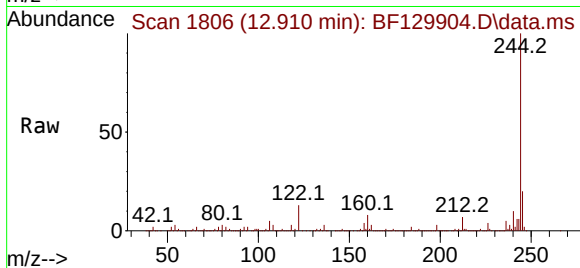
122 13.0 9.9 14.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#80

Butylbenzylphthalate

Concen: 39.035 ng

RT: 13.380 min Scan# 1886

Delta R.T. 0.000 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

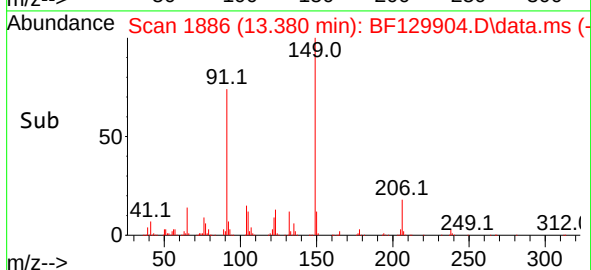
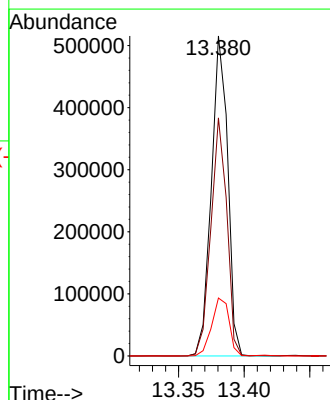
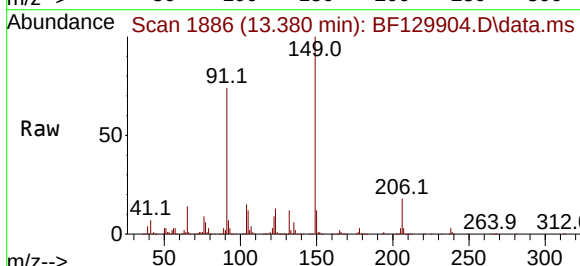
Tgt Ion:149 Resp: 447304

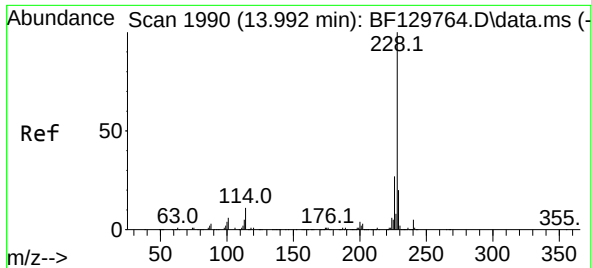
Ion Ratio Lower Upper

149 100

91 74.4 55.4 83.0

206 18.1 15.8 23.6





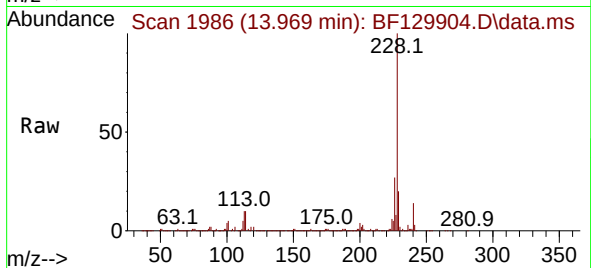
#81
Benzo(a)anthracene
Concen: 40.197 ng
RT: 13.969 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

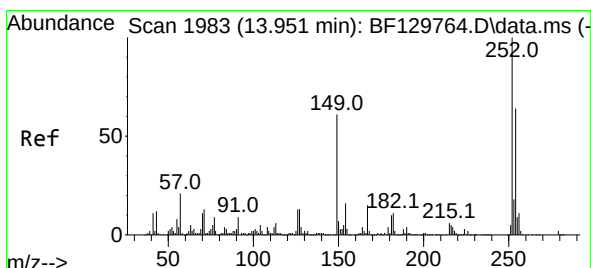
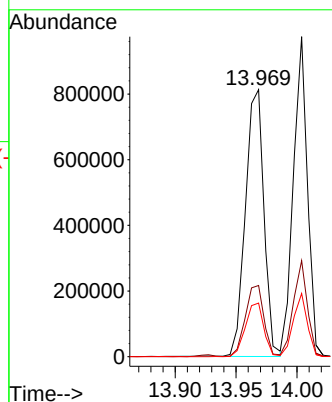
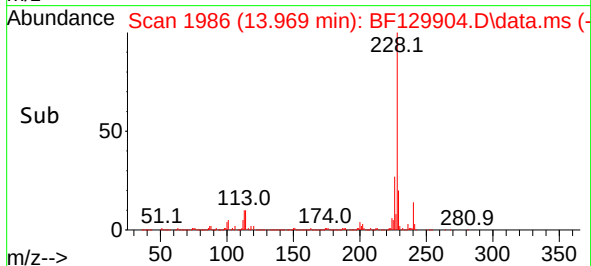


Tgt Ion:228 Resp: 86170
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 20.1 16.1 24.1

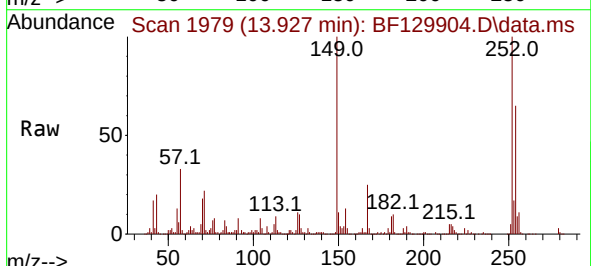
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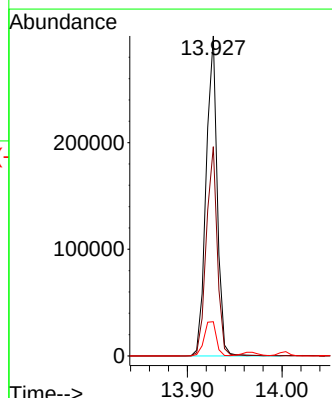
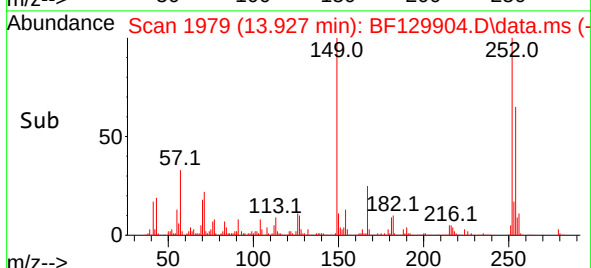
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

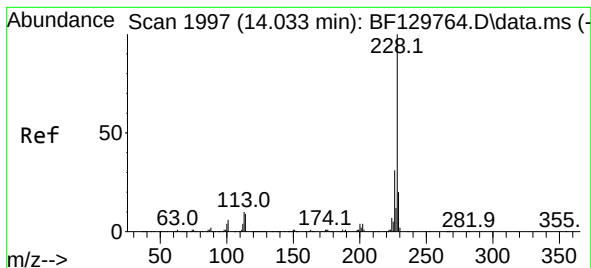


#82
3,3'-Dichlorobenzidine
Concen: 36.726 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46



Tgt Ion:252 Resp: 243833
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 10.7 10.2 15.4





#83

Chrysene

Concen: 39.078 ng

RT: 14.004 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:228 Resp: 78418

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

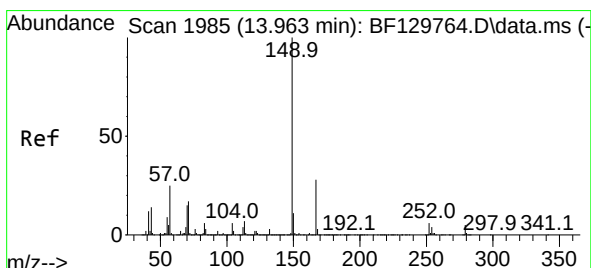
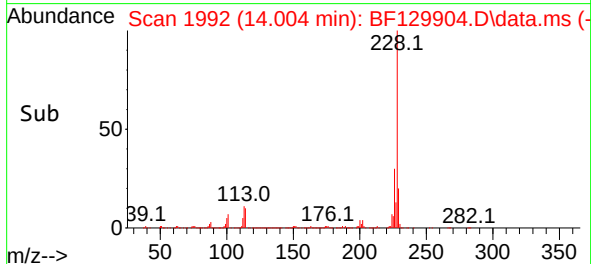
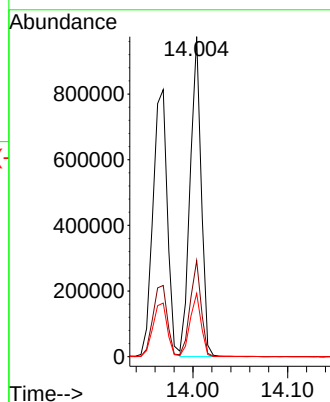
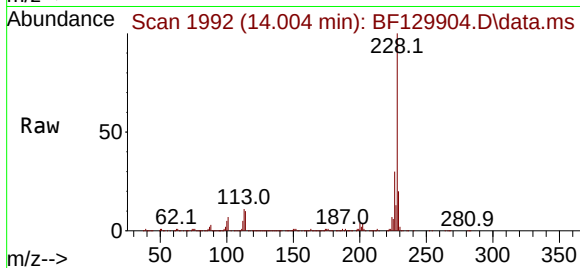
229 19.8 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.406 ng

RT: 13.933 min Scan# 1980

Delta R.T. 0.006 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

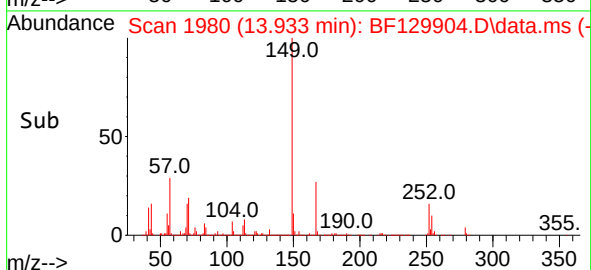
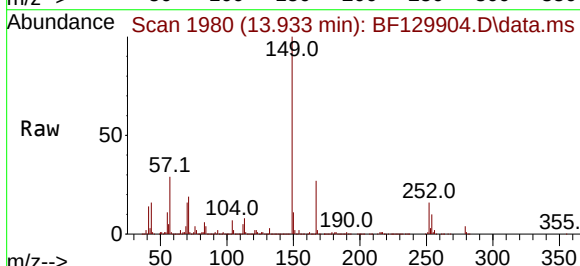
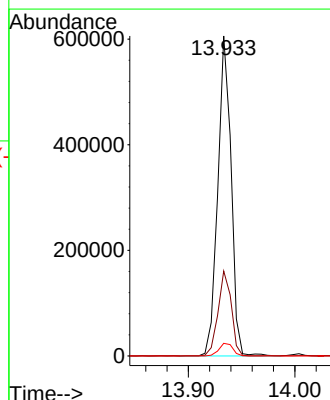
Tgt Ion:149 Resp: 522129

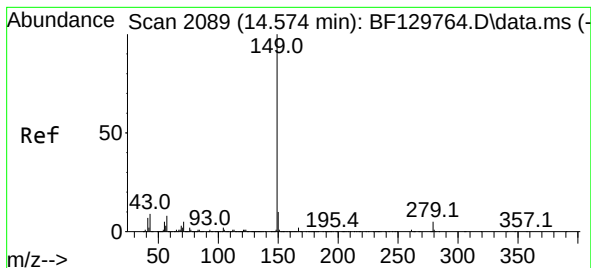
Ion Ratio Lower Upper

149 100

167 26.6 22.0 33.0

279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 37.243 ng

RT: 14.545 min Scan# 2084

Delta R.T. 0.006 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:149 Resp: 698935

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

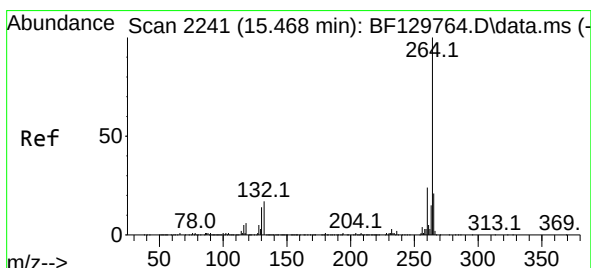
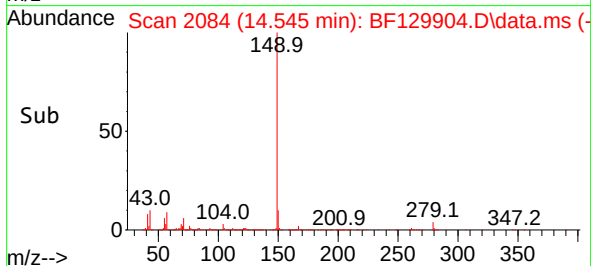
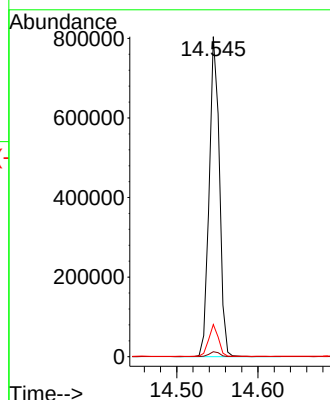
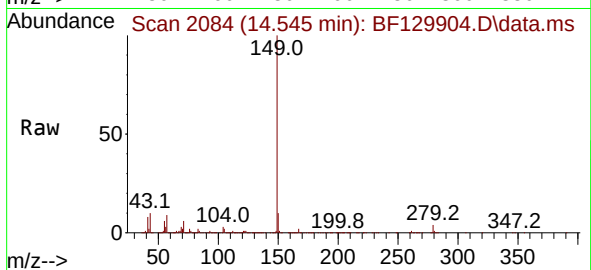
43 9.6 7.8 11.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/22/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

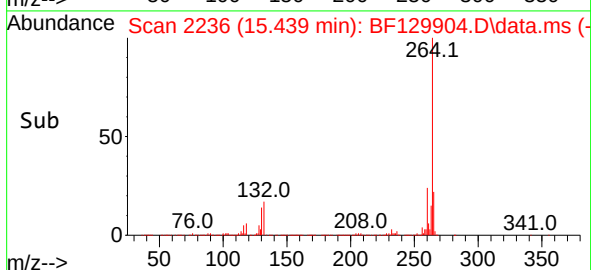
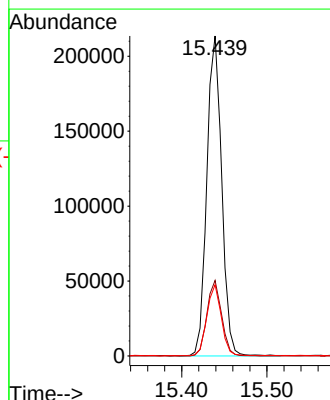
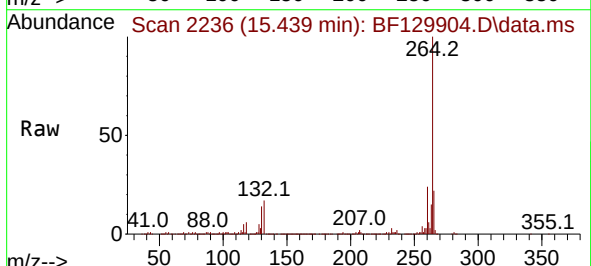
Tgt Ion:264 Resp: 258872

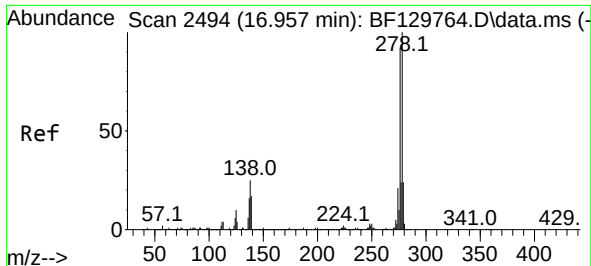
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 22.2 16.7 25.1





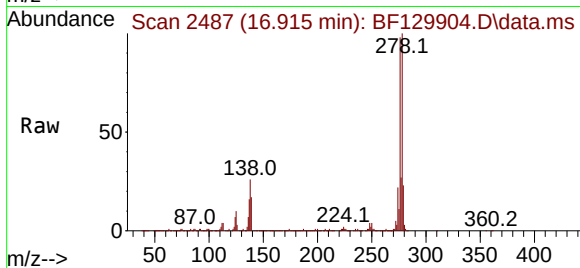
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.763 ng
RT: 16.915 min Scan# 2494
Delta R.T. 0.012 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

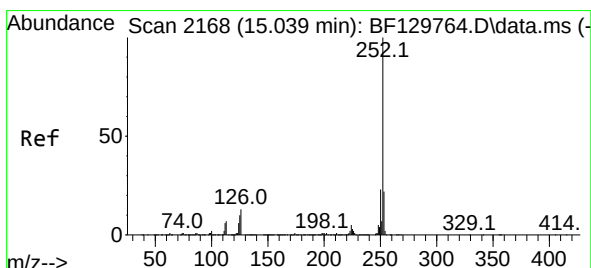
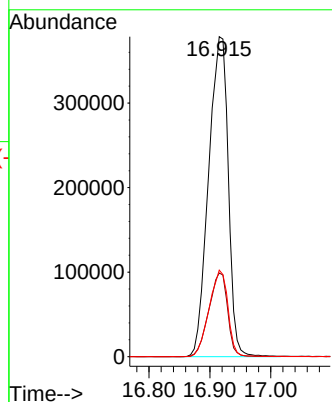
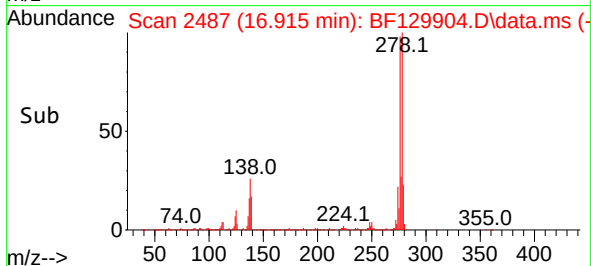


Tgt Ion: 276 Resp: 848840
Ion Ratio Lower Upper
276 100
138 25.1 19.8 29.8
277 25.9 20.4 30.6

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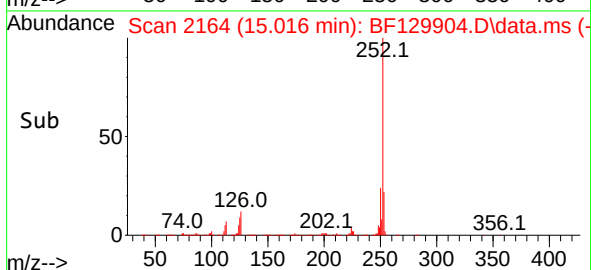
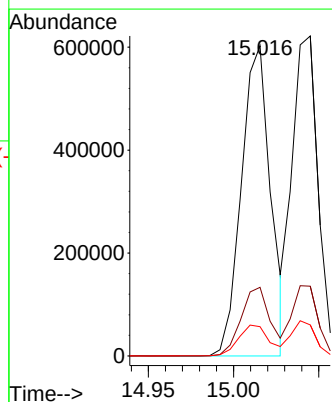
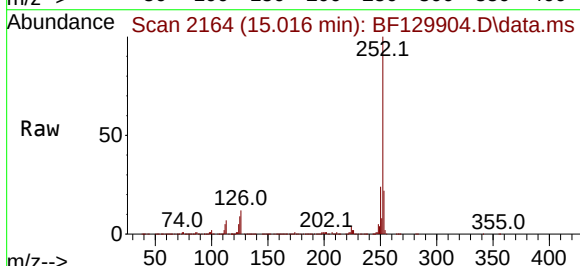
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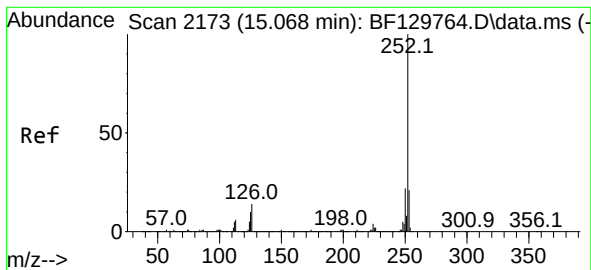
Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022



#88
Benzo(b)fluoranthene
Concen: 40.534 ng
RT: 15.016 min Scan# 2164
Delta R.T. 0.012 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion: 252 Resp: 718528
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.4 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 38.596 ng

RT: 15.045 min Scan# 2169

Delta R.T. 0.012 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

Instrument :

BNA_F

ClientSampleId :

PB146894BS

Tgt Ion:252 Resp: 656130

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

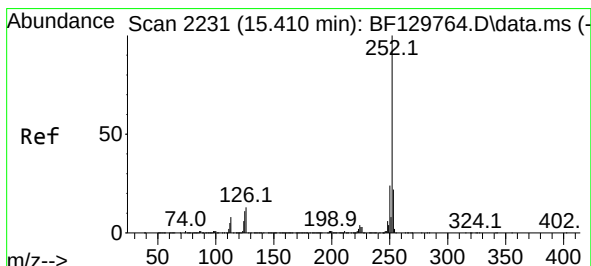
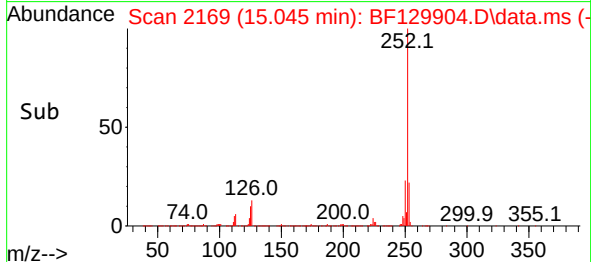
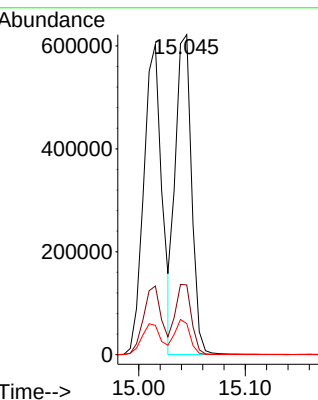
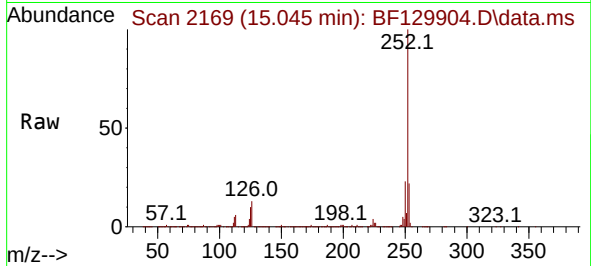
125 9.7 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#90

Benzo(a)pyrene

Concen: 43.690 ng

RT: 15.380 min Scan# 2226

Delta R.T. 0.012 min

Lab File: BF129904.D

Acq: 19 Aug 2022 10:46

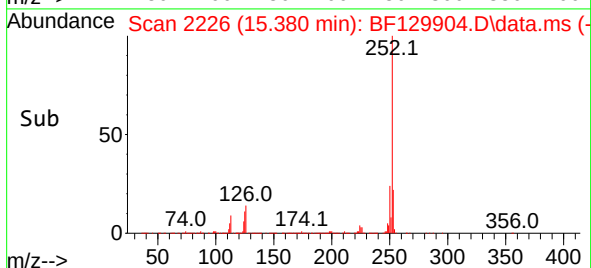
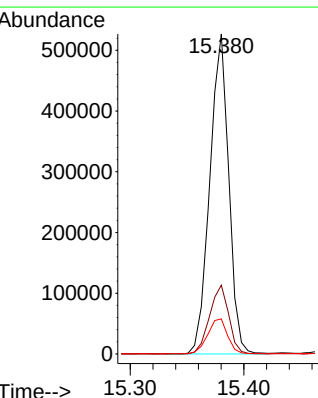
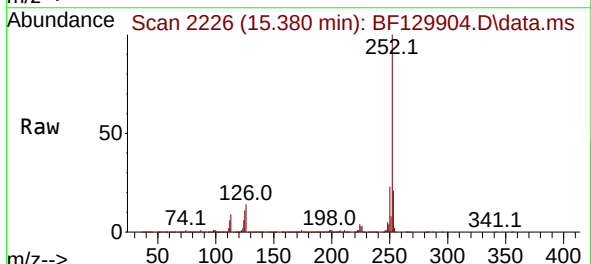
Tgt Ion:252 Resp: 609886

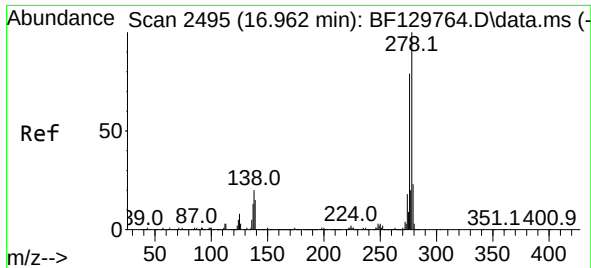
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

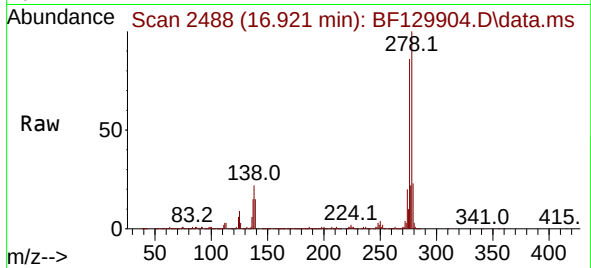
125 11.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 50.194 ng
RT: 16.921 min Scan# 2495
Delta R.T. 0.018 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

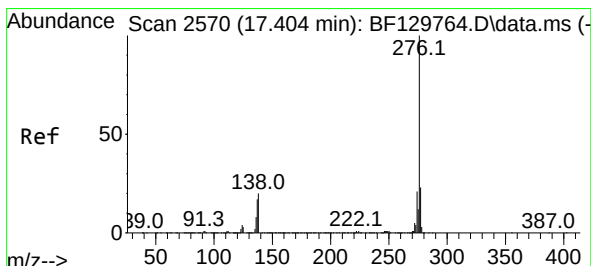
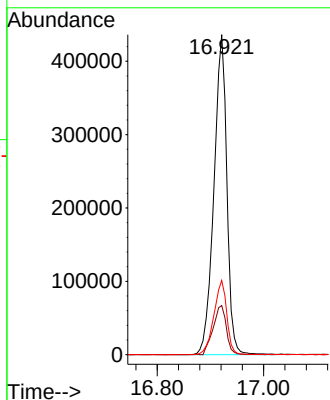
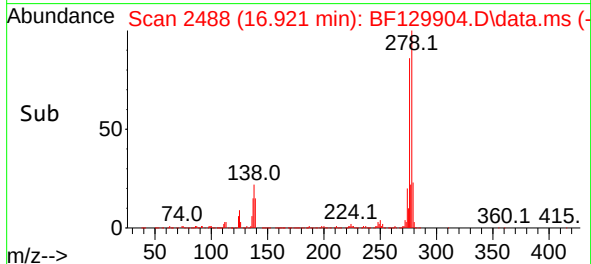
Instrument :
BNA_F
ClientSampleId :
PB146894BS



Tgt Ion: 278 Resp: 73604
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.2 18.7 28.1

Manual Integrations
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Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022



#92
Benzo(g,h,i)perylene
Concen: 52.621 ng
RT: 17.362 min Scan# 2563
Delta R.T. 0.018 min
Lab File: BF129904.D
Acq: 19 Aug 2022 10:46

Tgt Ion: 276 Resp: 769813
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.4
138 21.0 15.8 23.8

