

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127328.D
 Acq On : 15 Mar 2022 17:06
 Operator : CG\JU
 Sample : PB143311BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143311BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 05:29:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	115101	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	418775	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	237667	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	423141	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	287761	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	220352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	838553	117.117	ng	0.02
7) Phenol-d6	6.510	99	1147394	116.491	ng	0.00
23) Nitrobenzene-d5	7.439	82	811090	79.987	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	302331	118.169	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1342907	79.884	ng	0.00
79) Terphenyl-d14	12.992	244	1477048	88.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	122238	32.926	ng	# 82
3) Pyridine	3.546	79	332433	33.650	ng	# 79
4) n-Nitrosodimethylamine	3.516	42	222011	40.560	ng	# 64
6) Aniline	6.534	93	415864	35.329	ng	92
8) 2-Chlorophenol	6.657	128	331462	44.749	ng	95
9) Benzaldehyde	6.422	77	222155	44.378	ng	92
10) Phenol	6.522	94	444365	41.069	ng	79
11) bis(2-Chloroethyl)ether	6.610	93	354361	44.102	ng	93
12) 1,3-Dichlorobenzene	6.810	146	345553	41.560	ng	97
13) 1,4-Dichlorobenzene	6.887	146	354267	42.472	ng	98
14) 1,2-Dichlorobenzene	7.039	146	335661	42.757	ng	98
15) Benzyl Alcohol	7.016	79	323121	43.768	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.139	45	628684	41.693	ng	98
17) 2-Methylphenol	7.128	107	273329	43.407	ng	# 88
18) Hexachloroethane	7.375	117	136918	42.732	ng	# 82
19) n-Nitroso-di-n-propyla...	7.287	70	262685	42.737	ng	89
20) 3+4-Methylphenols	7.281	107	319834	39.165	ng	90
22) Acetophenone	7.281	105	448388	39.106	ng	# 79
24) Nitrobenzene	7.457	77	407405	42.478	ng	94
25) Isophorone	7.692	82	757572	46.462	ng	# 97
26) 2-Nitrophenol	7.769	139	171870	43.272	ng	# 75
27) 2,4-Dimethylphenol	7.810	122	297401m	49.880	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	442605	42.841	ng	98
29) 2,4-Dichlorophenol	8.016	162	287148	42.053	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	329201	42.289	ng	98
31) Naphthalene	8.175	128	942244	42.179	ng	100
32) Benzoic acid	7.957	122	149905	37.803	ng	# 85
33) 4-Chloroaniline	8.222	127	160617	18.549	ng	# 92
34) Hexachlorobutadiene	8.281	225	209573	40.372	ng	98
35) Caprolactam	8.610	113	81952m	40.175	ng	
36) 4-Chloro-3-methylphenol	8.716	107	315031	42.568	ng	97
37) 2-Methylnaphthalene	8.869	142	617759	42.322	ng	96
38) 1-Methylnaphthalene	8.969	142	586551	41.799	ng	97
40) 1,2,4,5-Tetrachloroben...	9.033	216	321253	42.698	ng	# 95
41) Hexachlorocyclopentadiene	9.016	237	349558	109.015	ng	94
43) 2,4,6-Trichlorophenol	9.145	196	197294	41.548	ng	96

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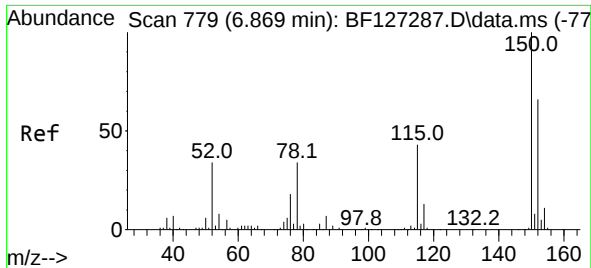
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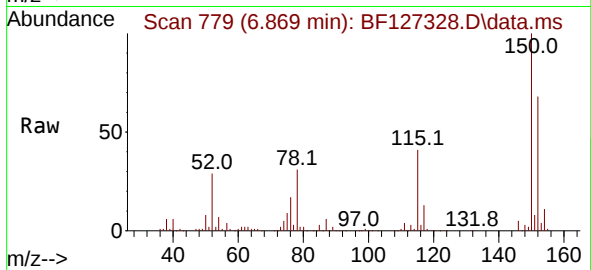
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214171	42.496	ng	# 89
46) 1,1'-Biphenyl	9.333	154	751756	41.909	ng	97
47) 2-Chloronaphthalene	9.357	162	584007	41.824	ng	99
48) 2-Nitroaniline	9.463	65	227279	42.304	ng	92
49) Acenaphthylene	9.775	152	941836	44.076	ng	98
50) Dimethylphthalate	9.639	163	704572	41.371	ng	# 99
51) 2,6-Dinitrotoluene	9.704	165	153149	44.456	ng	95
52) Acenaphthene	9.945	154	531616	41.736	ng	98
53) 3-Nitroaniline	9.875	138	100700	26.824	ng	97
54) 2,4-Dinitrophenol	9.986	184	144016	76.058	ng	93
55) Dibenzofuran	10.122	168	782605	39.549	ng	99
56) 4-Nitrophenol	10.045	139	190580	83.523	ng	# 68
57) 2,4-Dinitrotoluene	10.110	165	193471	42.685	ng	# 92
58) Fluorene	10.463	166	615882	40.138	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	171221	40.882	ng	# 78
60) Diethylphthalate	10.333	149	634439	40.841	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	329417	39.614	ng	90
62) 4-Nitroaniline	10.498	138	147049	39.308	ng	# 79
63) Azobenzene	10.616	77	716528	40.126	ng	89
65) 4,6-Dinitro-2-methylph...	10.522	198	103453	39.653	ng	86
66) n-Nitrosodiphenylamine	10.575	169	533120	40.567	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	208000	40.778	ng	# 90
68) Hexachlorobenzene	11.010	284	230049	41.383	ng	# 88
69) Atrazine	11.104	200	204570	45.111	ng	93
70) Pentachlorophenol	11.210	266	198585	88.478	ng	99
71) Phenanthrene	11.427	178	893257	39.990	ng	100
72) Anthracene	11.480	178	915241	41.374	ng	99
73) Carbazole	11.639	167	802037	38.501	ng	98
74) Di-n-butylphthalate	11.957	149	978778	40.170	ng	99
75) Fluoranthene	12.621	202	992443	39.737	ng	92
77) Benzidine	12.739	184	391748	53.534	ng	98
78) Pyrene	12.851	202	1010481	45.083	ng	99
80) Butylbenzylphthalate	13.457	149	379471	43.991	ng	# 97
81) Benzo(a)anthracene	14.039	228	830693	42.873	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	147342	24.457	ng	# 97
83) Chrysene	14.080	228	766745	42.546	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	501763	43.211	ng	# 97
85) Di-n-octyl phthalate	14.627	149	745671	42.427	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	574750	43.298	ng	# 85
88) Benzo(b)fluoranthene	15.098	252	630711	43.606	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	613257	45.093	ng	# 94
90) Benzo(a)pyrene	15.474	252	579634	50.891	ng	# 92
91) Dibenzo(a,h)anthracene	17.056	278	503369	45.562	ng	# 90
92) Benzo(g,h,i)perylene	17.498	276	505166	46.875	ng	# 86

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

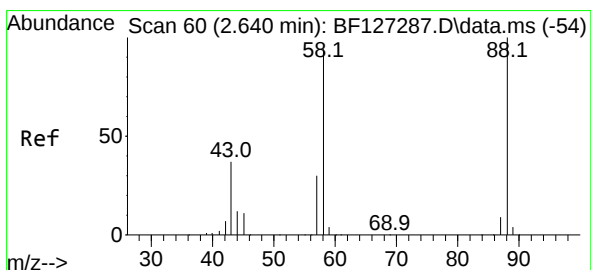
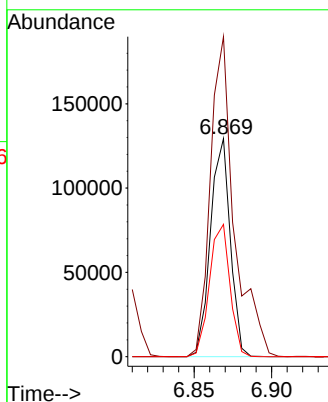
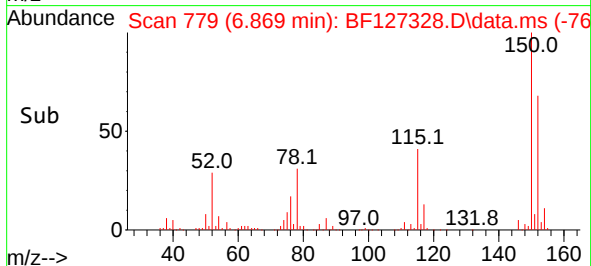
Instrument :
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ClientSampleId :
PB143311BS



Tgt Ion: 152 Resp: 11510
Ion Ratio Lower Upper
152 100
150 146.7 128.1 192.1
115 60.7 56.7 85.1

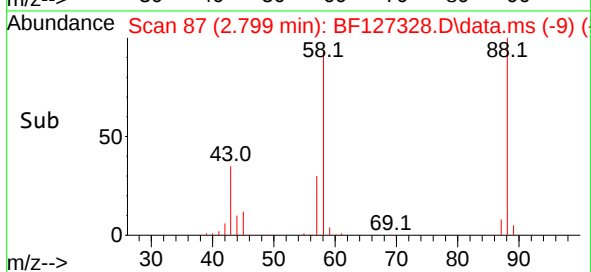
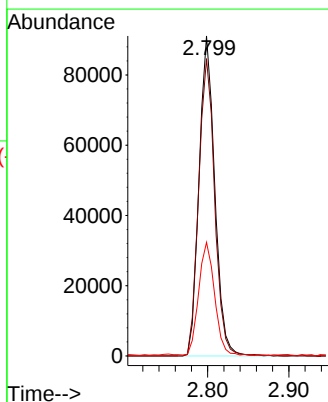
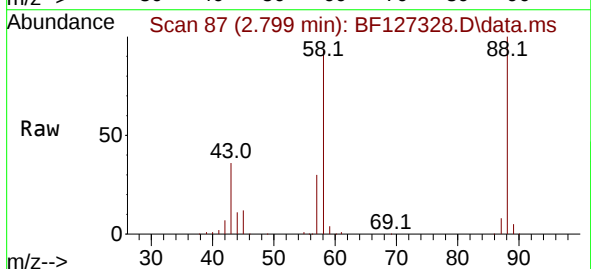
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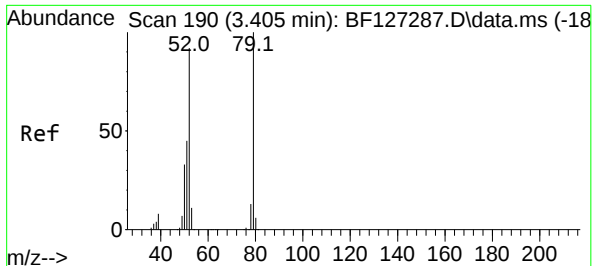
Reviewed By :Christian Giraldo 03/16/2022
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#2
1,4-Dioxane
Concen: 32.926 ng
RT: 2.799 min Scan# 87
Delta R.T. 0.159 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

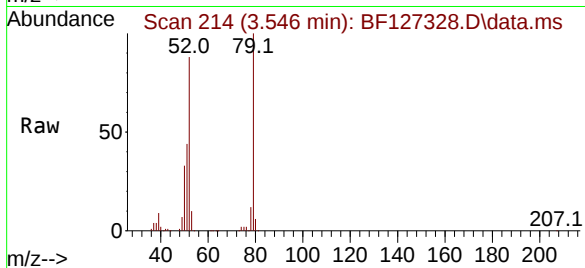
Tgt Ion: 88 Resp: 122238
Ion Ratio Lower Upper
88 100
58 95.0 62.8 94.2#
43 35.9 22.3 33.5#





#3
Pyridine
Concen: 33.650 ng
RT: 3.546 min Scan# 214
Delta R.T. 0.141 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

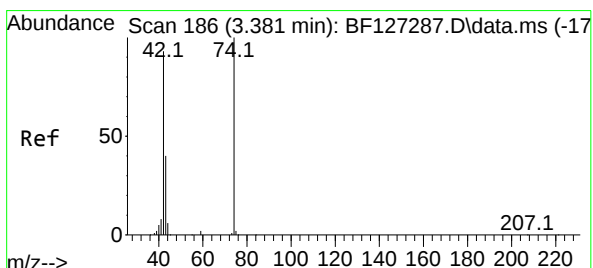
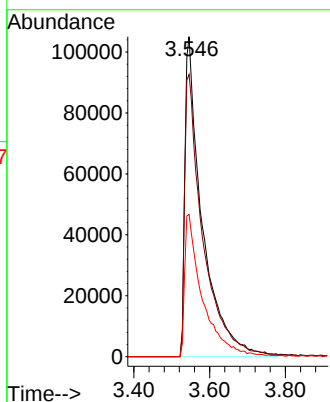
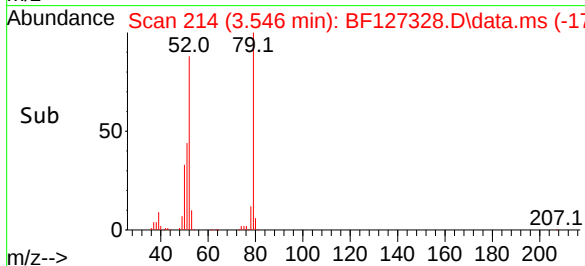
Instrument :
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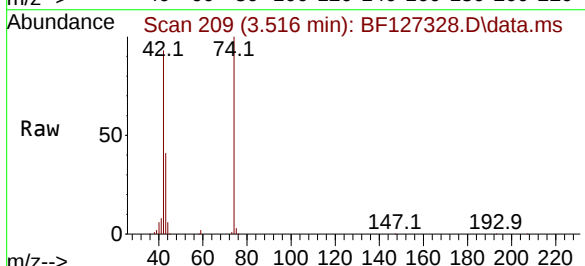
Tgt Ion: 79 Resp: 33243
Ion Ratio Lower Upper
79 100
52 88.2 56.2 84.4
51 44.4 26.7 40.1

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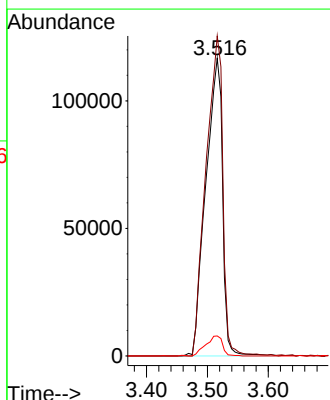
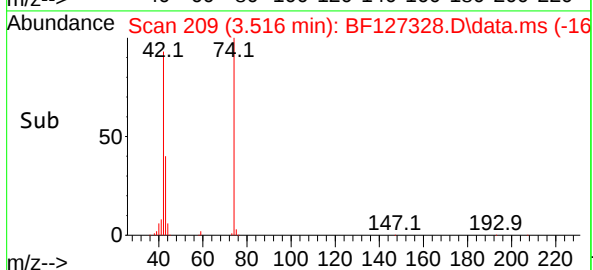
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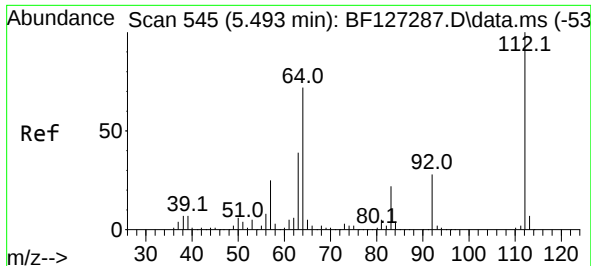


#4
n-Nitrosodimethylamine
Concen: 40.560 ng
RT: 3.516 min Scan# 209
Delta R.T. 0.135 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



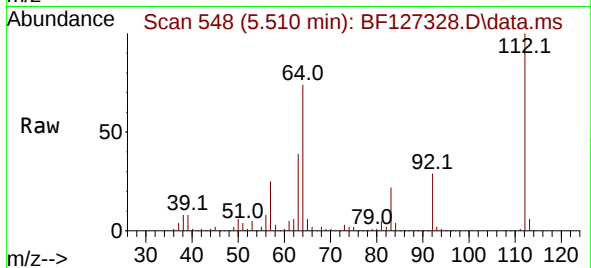
Tgt Ion: 42 Resp: 222011
Ion Ratio Lower Upper
42 100
74 107.5 125.6 188.4
44 6.7 5.7 8.5





#5
2-Fluorophenol
Concen: 117.117 ng
RT: 5.510 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

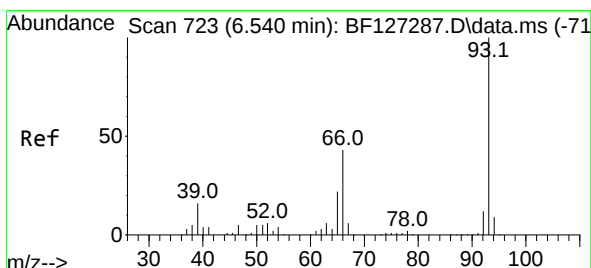
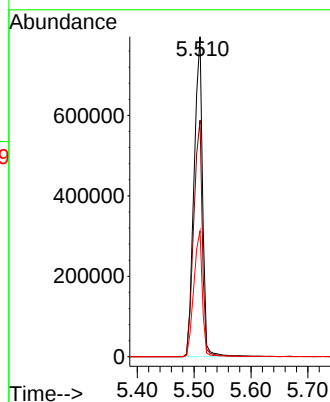
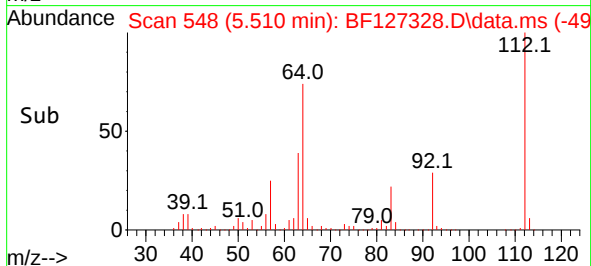
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Tgt Ion:112 Resp: 83855
Ion Ratio Lower Upper
112 100
64 73.9 49.5 74.3
63 39.2 23.9 35.9

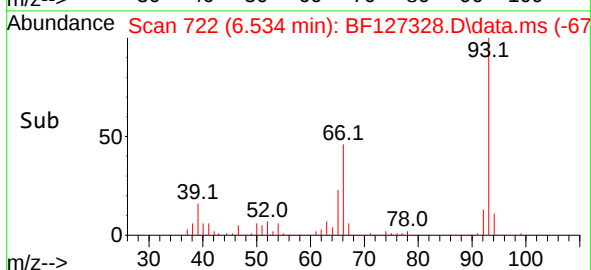
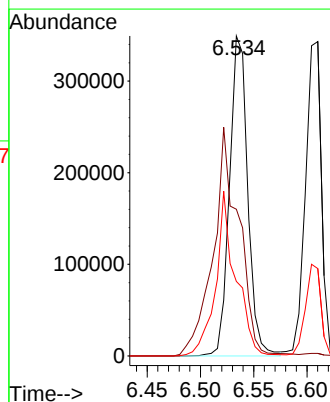
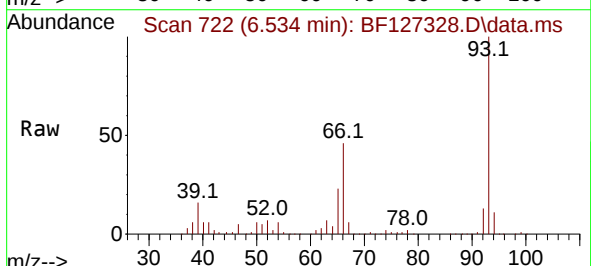
Manual Integrations
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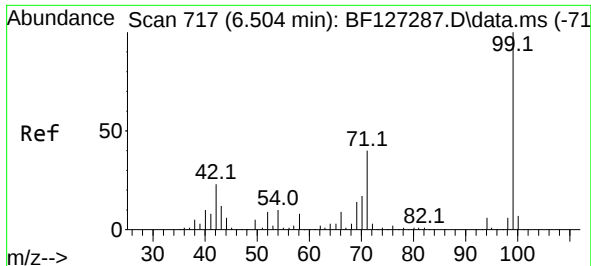
Reviewed By :Christian Giraldo 03/16/2022
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#6
Aniline
Concen: 35.329 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion: 93 Resp: 415864
Ion Ratio Lower Upper
93 100
66 45.8 32.2 48.4
65 23.3 16.3 24.5





#7

Phenol-d6

Concen: 116.491 ng

RT: 6.510 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion: 99 Resp: 1147394

Ion Ratio Lower Upper

99 100

42 23.4 14.2 21.4

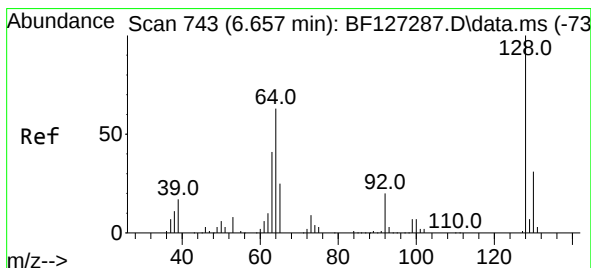
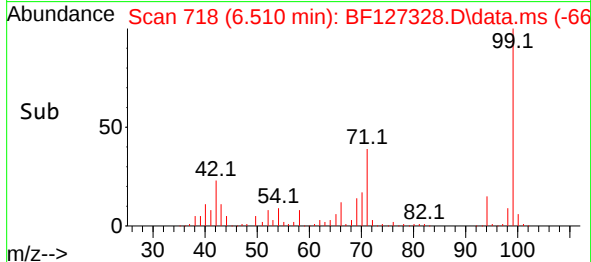
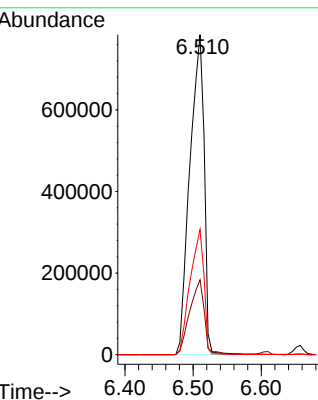
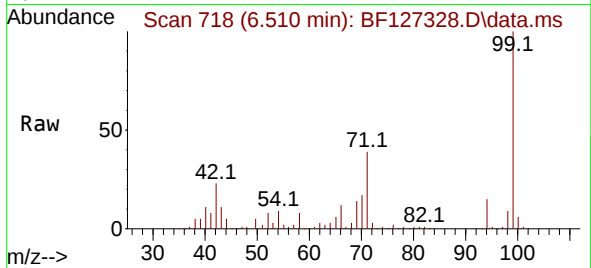
71 39.1 24.3 36.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.749 ng

RT: 6.657 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

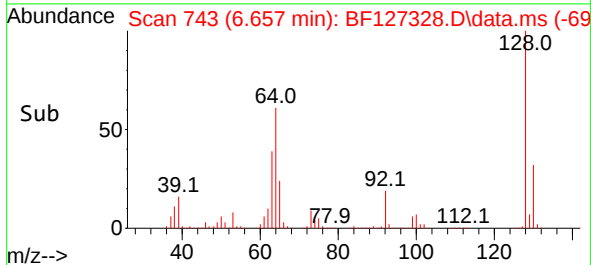
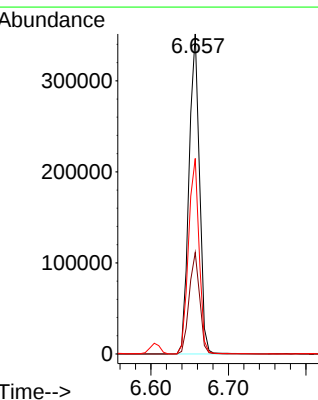
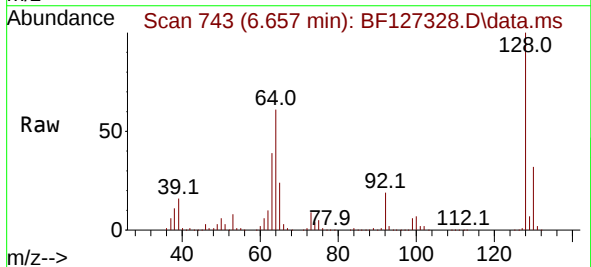
Tgt Ion:128 Resp: 331462

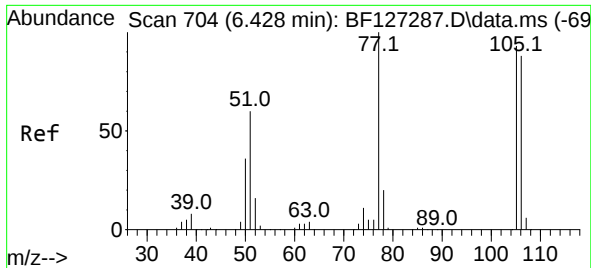
Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 61.1 35.6 75.6





#9
Benzaldehyde
Concen: 44.378 ng
RT: 6.422 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

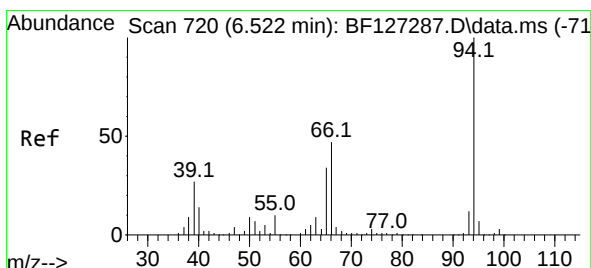
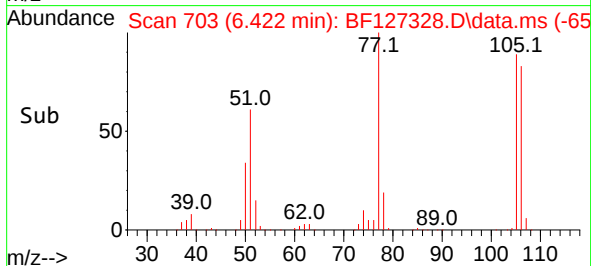
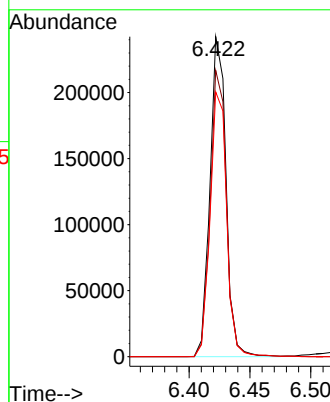
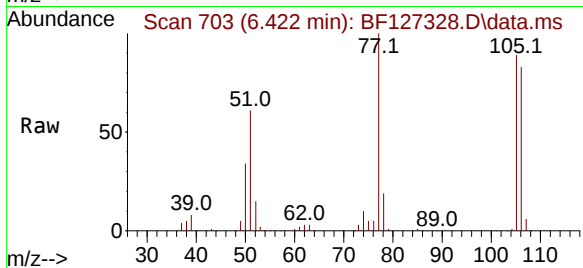
PB143311BS

Tgt Ion: 77 Resp: 22215
Ion Ratio Lower Upper
77 100
105 89.4 74.9 114.9
106 82.8 72.4 112.4

Manual Integrations

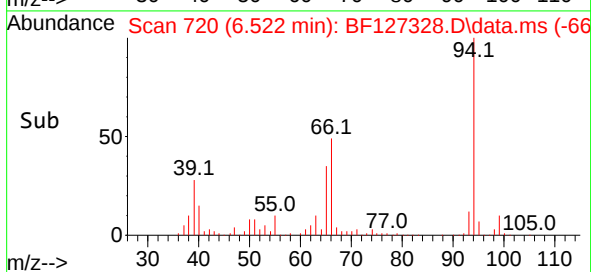
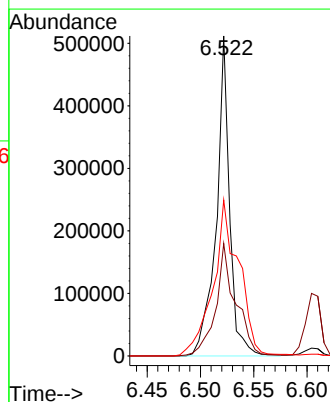
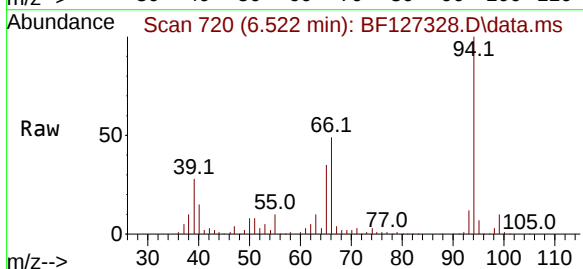
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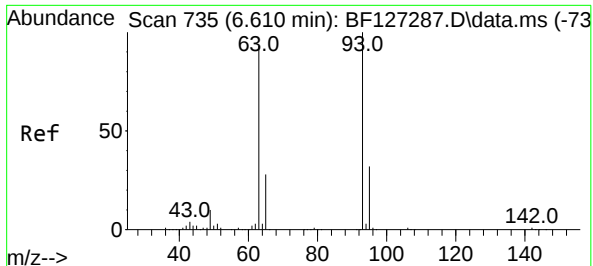
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#10
Phenol
Concen: 41.069 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion: 94 Resp: 444365
Ion Ratio Lower Upper
94 100
65 35.2 7.2 47.2
66 48.8 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 44.102 ng

RT: 6.610 min Scan# 735

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

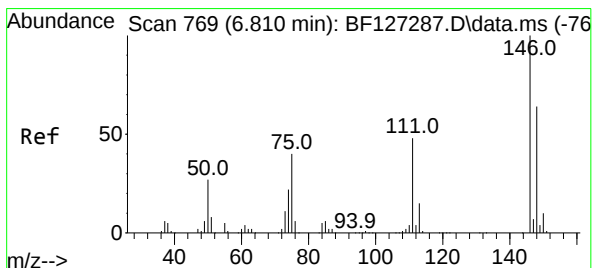
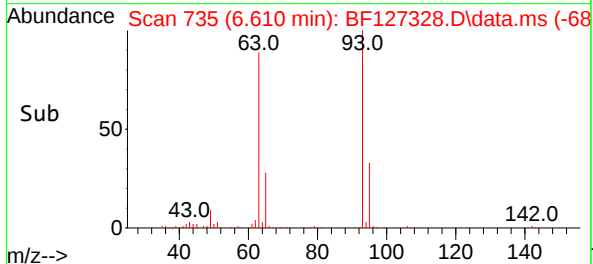
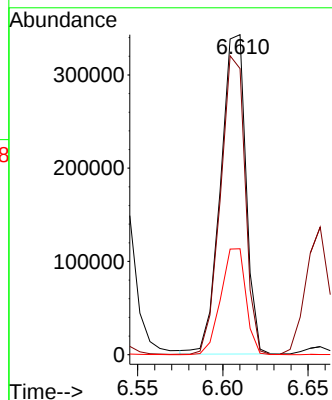
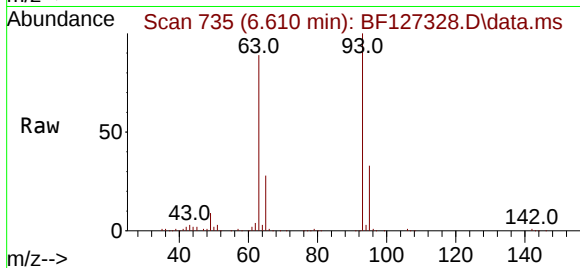
Tgt Ion: 93 Resp: 35436

Ion	Ratio	Lower	Upper
93	100		
63	89.4	60.5	100.5
95	33.1	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#12

1,3-Dichlorobenzene

Concen: 41.560 ng

RT: 6.810 min Scan# 769

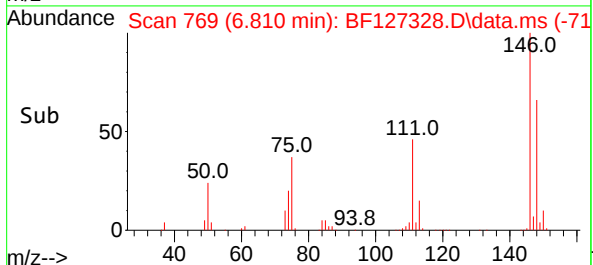
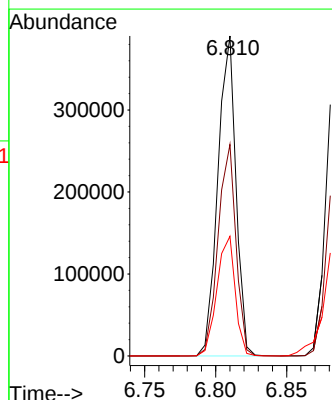
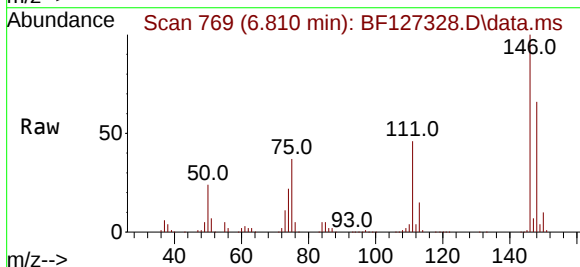
Delta R.T. -0.000 min

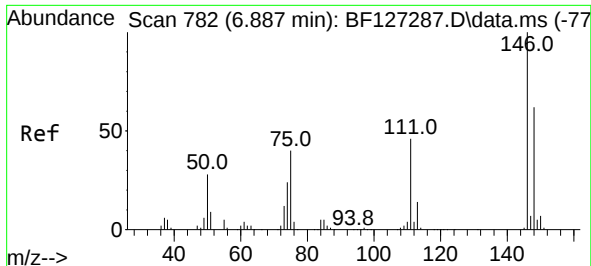
Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Tgt Ion:146 Resp: 345553

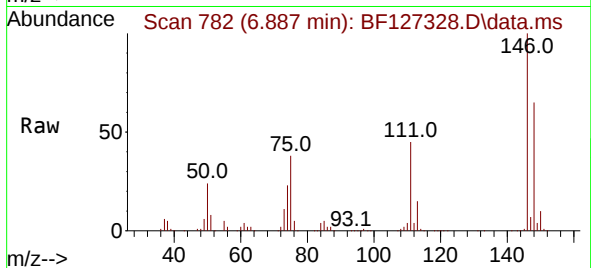
Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.9	76.3
75	37.4	28.4	42.6





#13
1,4-Dichlorobenzene
Concen: 42.472 ng
RT: 6.887 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

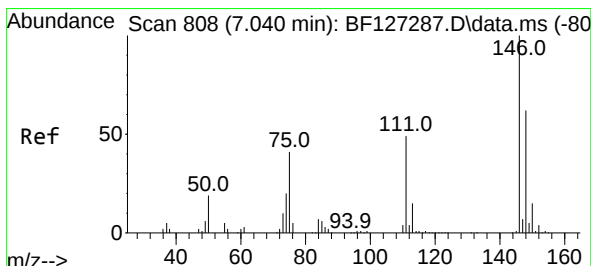
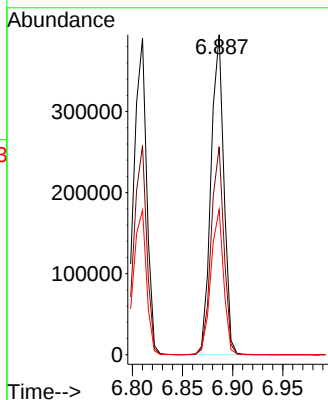
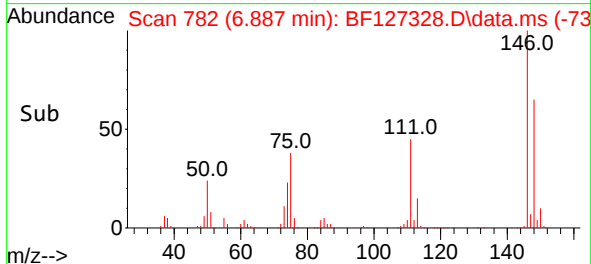
Instrument :
BNA_F
ClientSampleId :
PB143311BS



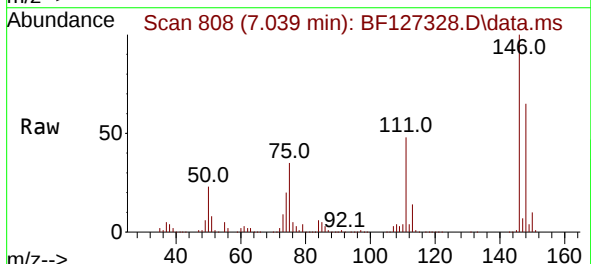
Tgt Ion:146 Resp: 35426
Ion Ratio Lower Upper
146 100
148 65.0 49.8 74.6
111 45.4 36.1 54.1

Manual Integrations
APPROVED

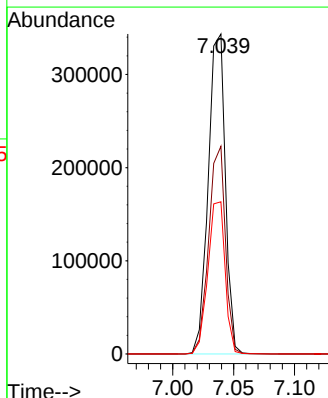
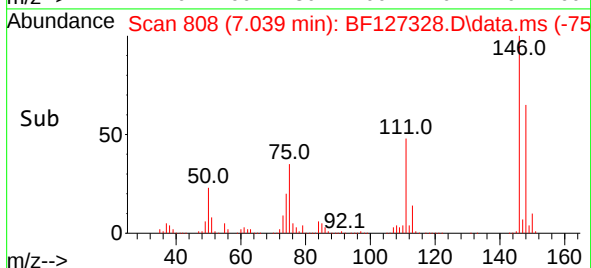
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

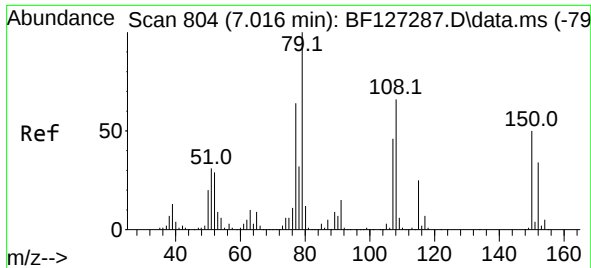


#14
1,2-Dichlorobenzene
Concen: 42.757 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:146 Resp: 335661
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 47.5 40.2 60.2





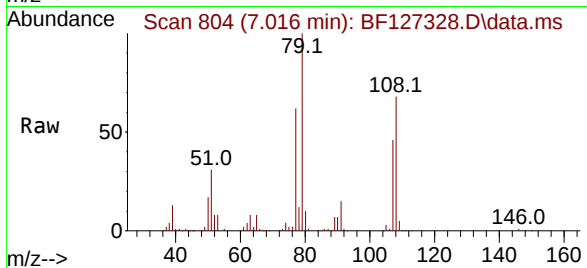
#15
Benzyl Alcohol
Concen: 43.768 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

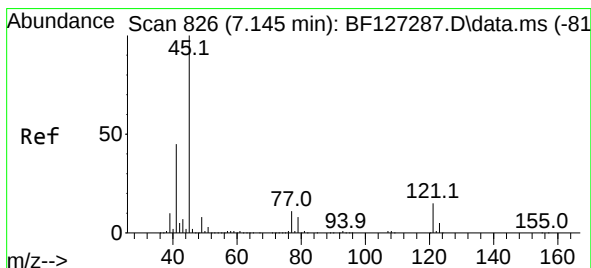
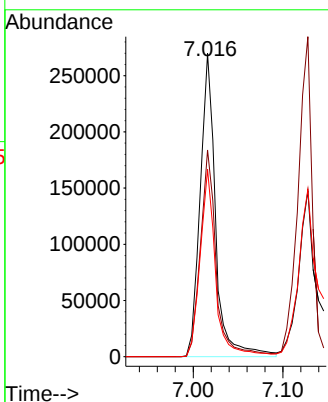
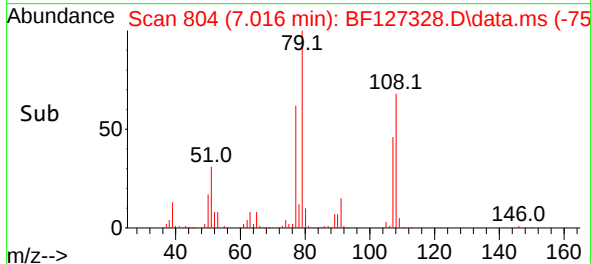


Tgt Ion: 79 Resp: 32312
Ion Ratio Lower Upper
79 100
108 68.2 63.2 94.8
77 61.8 49.4 74.2

Manual Integrations

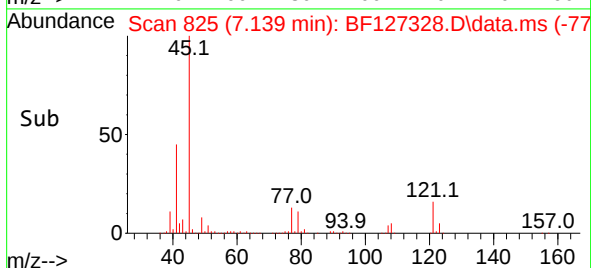
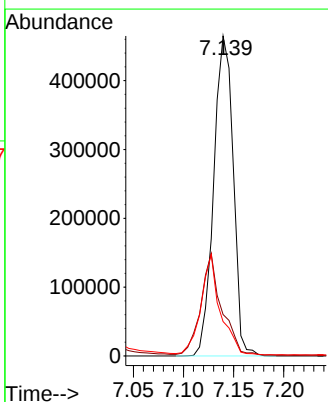
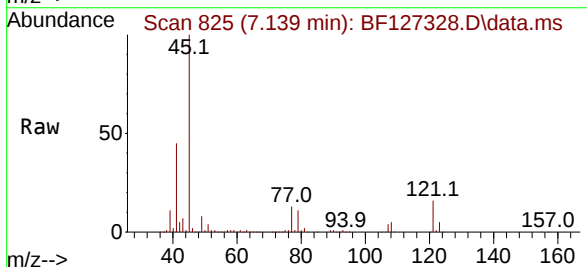
APPROVED

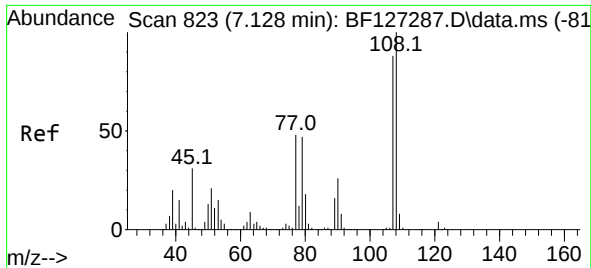
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.693 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

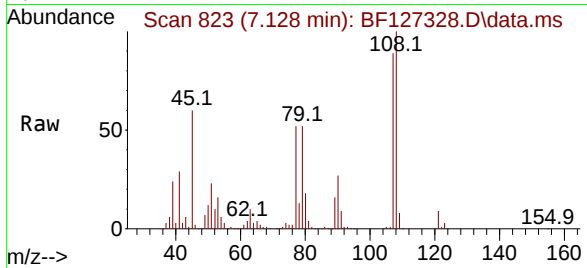
Tgt Ion: 45 Resp: 628684
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.4
79 10.8 0.0 29.8





#17
2-Methylphenol
Concen: 43.407 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

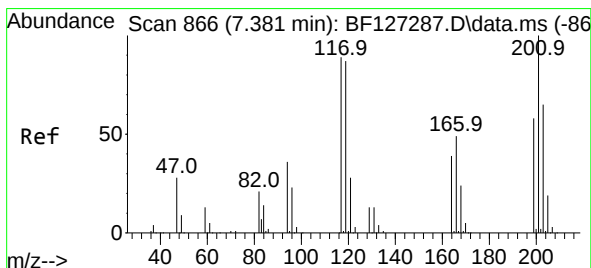
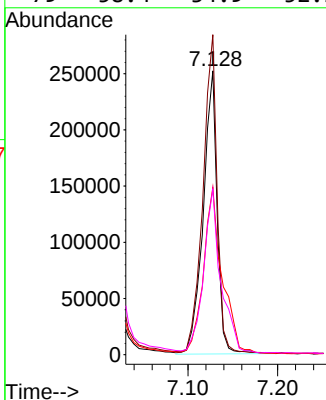
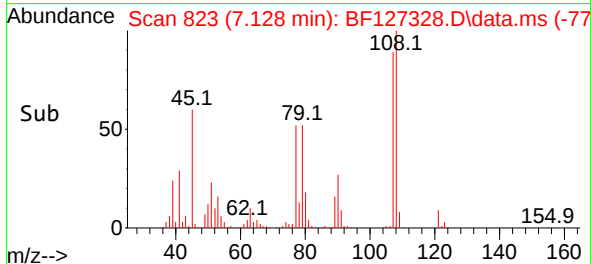
Instrument :
BNA_F
ClientSampleId :
PB143311BS



Tgt Ion:107 Resp: 273329
Ion Ratio Lower Upper
107 100
108 112.7 93.4 140.0
77 59.0 36.1 54.1
79 58.4 34.9 52.3#

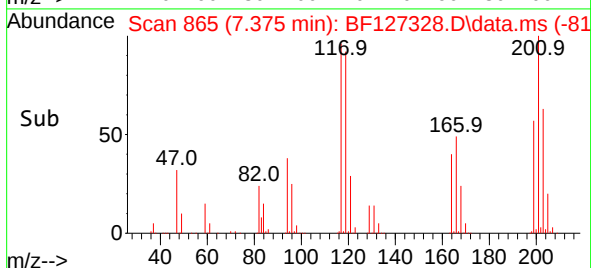
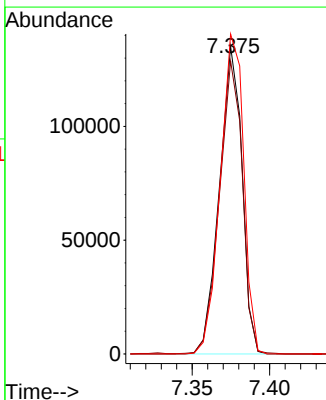
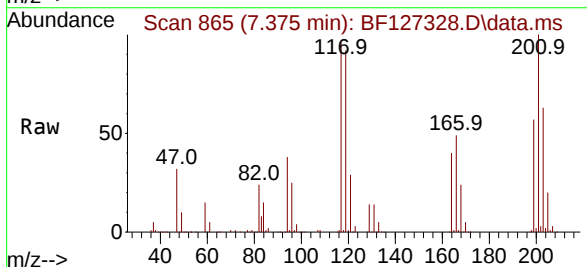
Manual Integrations
APPROVED

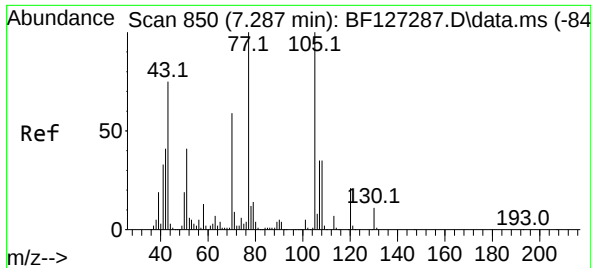
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#18
Hexachloroethane
Concen: 42.732 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion:117 Resp: 136918
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.0
201 104.0 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 42.737 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

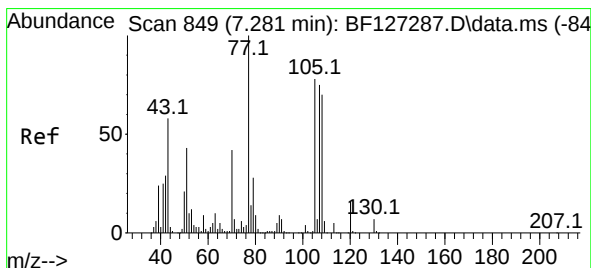
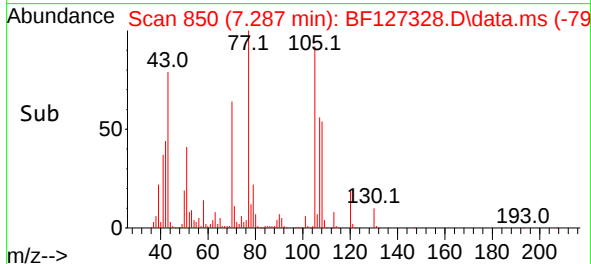
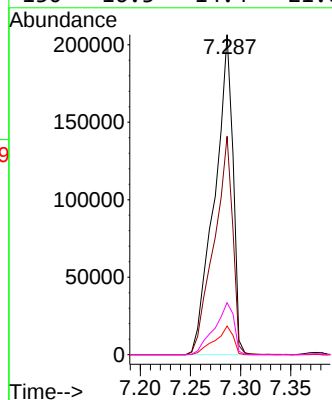
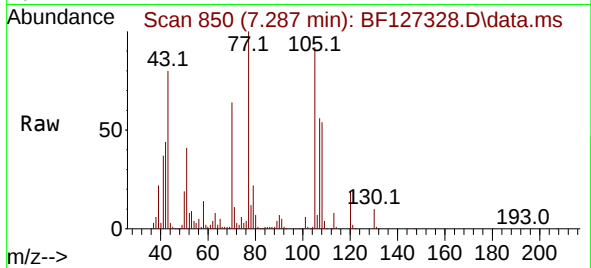
PB143311BS

Tgt Ion: 70 Resp: 26268
Ion Ratio Lower Upper
70 100
42 68.3 45.8 68.8
101 8.9 6.9 10.3
130 16.3 14.4 21.6

Manual Integrations

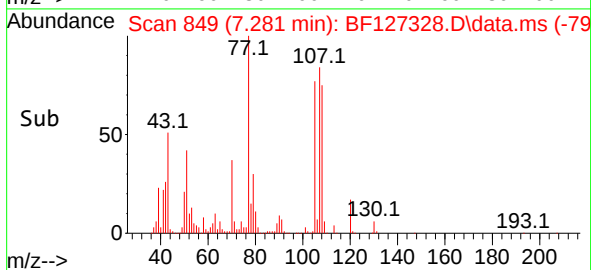
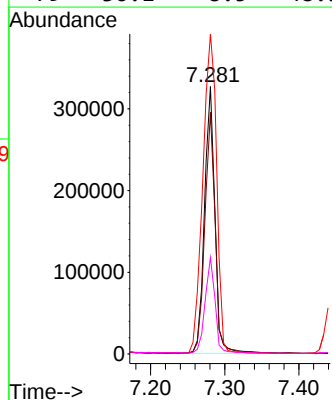
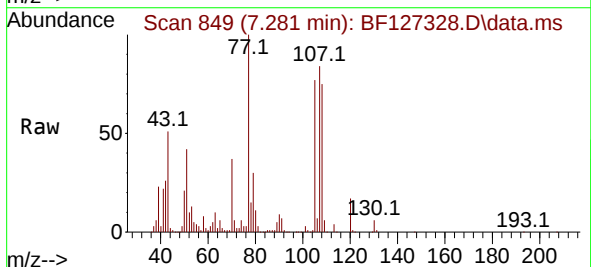
APPROVED

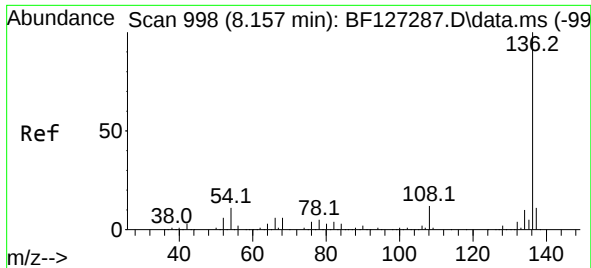
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#20
3+4-Methylphenols
Concen: 39.165 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion:107 Resp: 319834
Ion Ratio Lower Upper
107 100
108 90.3 72.4 112.4
77 119.7 83.8 123.8
79 36.1 8.5 48.5





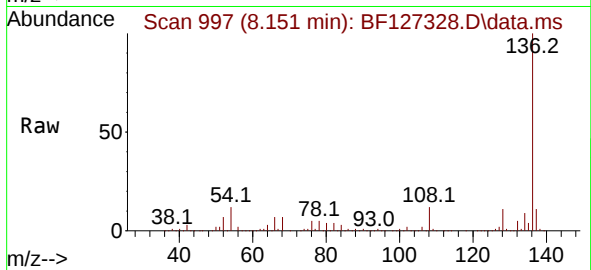
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

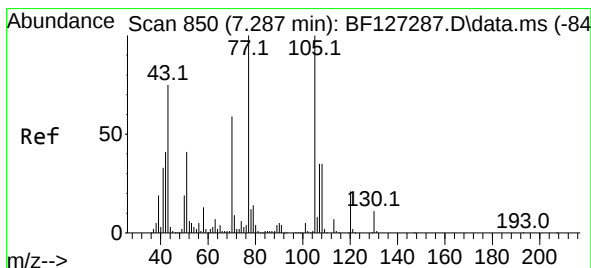
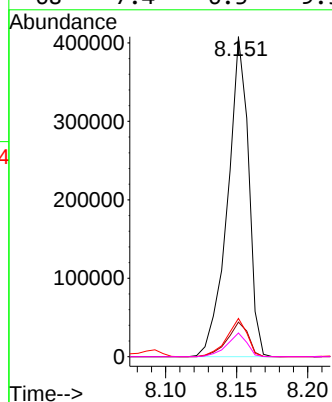
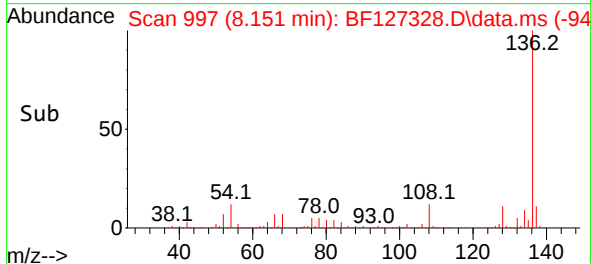


Tgt Ion:136 Resp: 418775
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.0 7.8 11.6
68 7.4 6.3 9.5

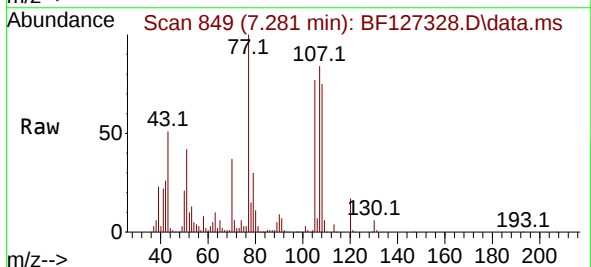
Manual Integrations

APPROVED

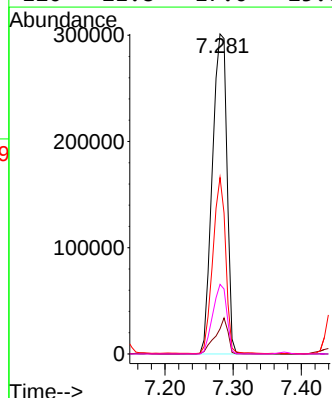
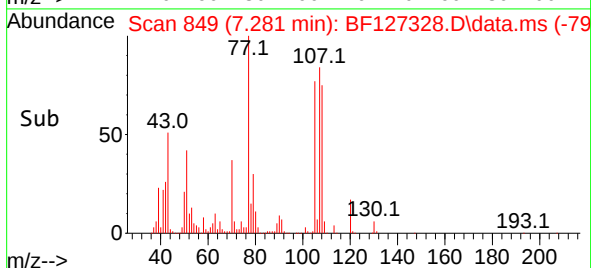
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

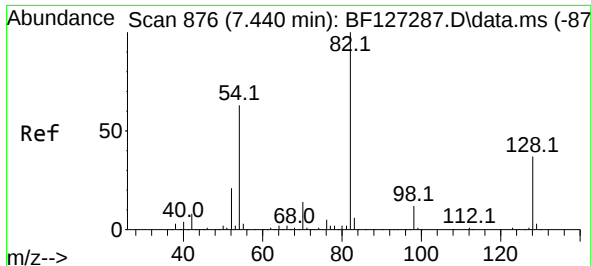


#22
Acetophenone
Concen: 39.106 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:105 Resp: 448388
Ion Ratio Lower Upper
105 100
71 7.8 5.4 8.0
51 55.2 27.4 41.0
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.987 ng

RT: 7.439 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion: 82 Resp: 811090

Ion Ratio Lower Upper

82 100

128 36.9 32.7 49.1

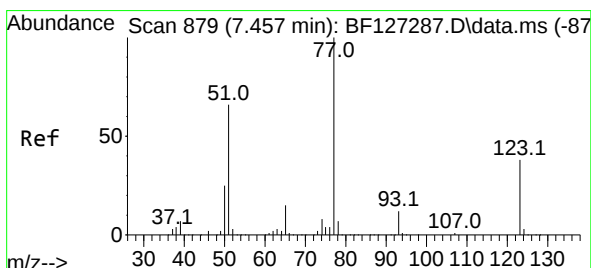
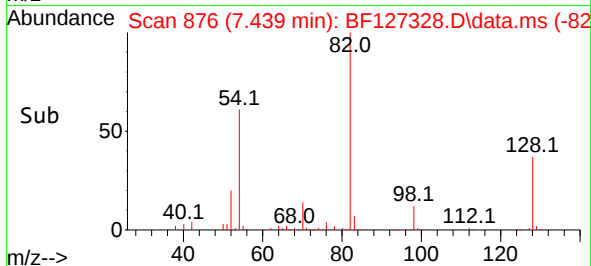
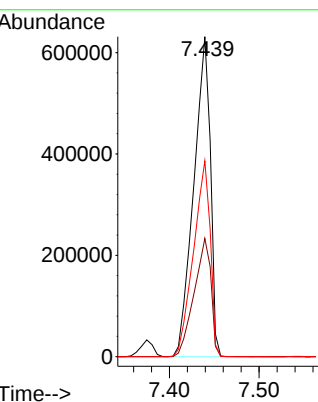
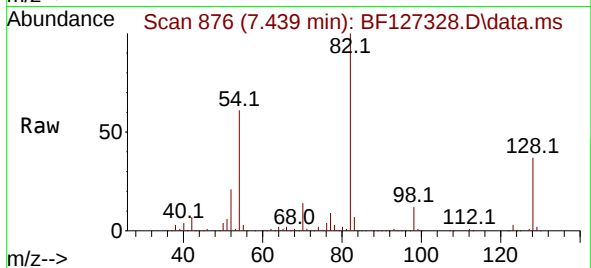
54 61.2 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#24

Nitrobenzene

Concen: 42.478 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

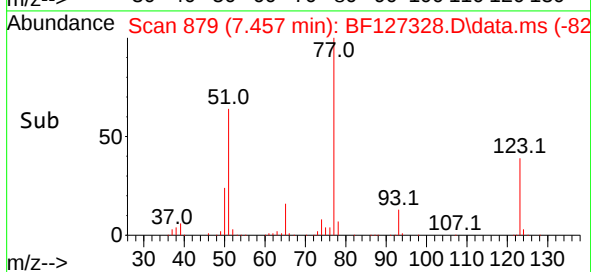
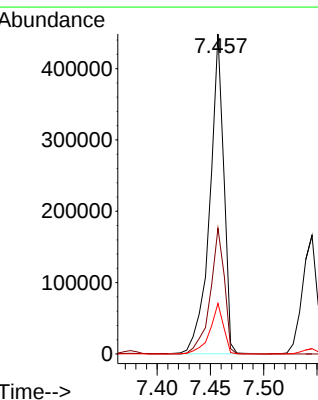
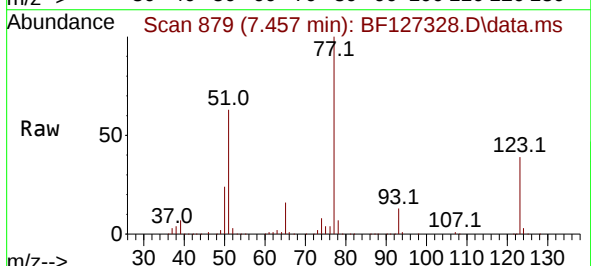
Tgt Ion: 77 Resp: 407405

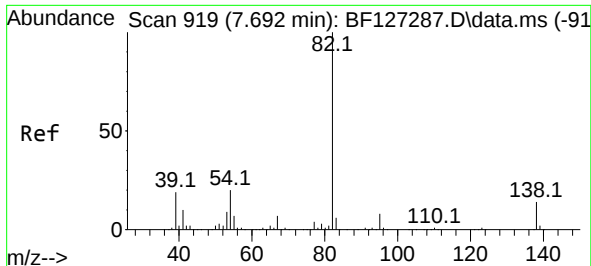
Ion Ratio Lower Upper

77 100

123 39.3 34.6 52.0

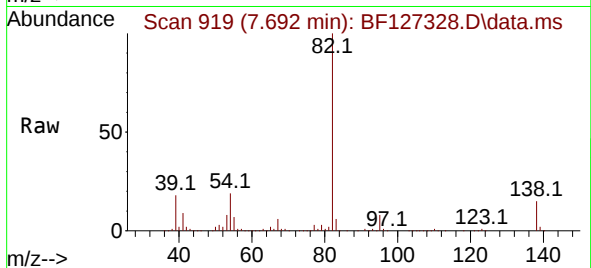
65 15.8 10.6 15.8





#25
Isophorone
Concen: 46.462 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

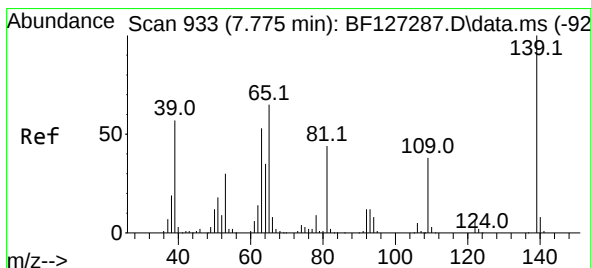
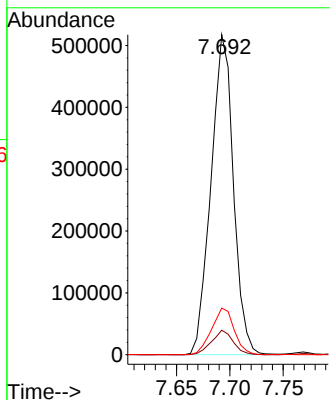
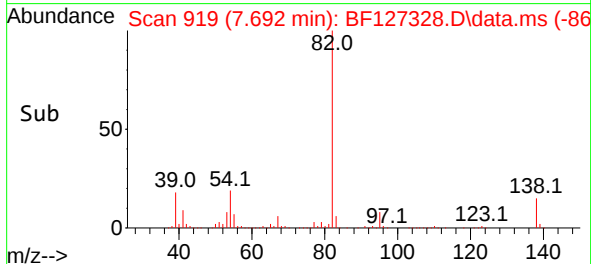
Instrument :
BNA_F
Client Sample Id :
PB143311BS



Tgt Ion: 82 Resp: 757572
Ion Ratio Lower Upper
82 100
95 7.6 5.0 7.4
138 14.6 12.3 18.5

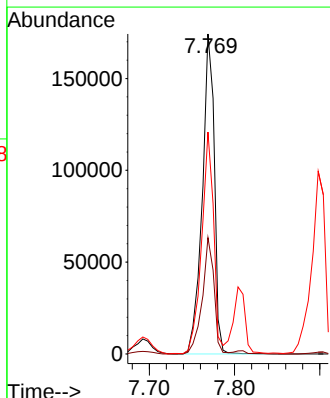
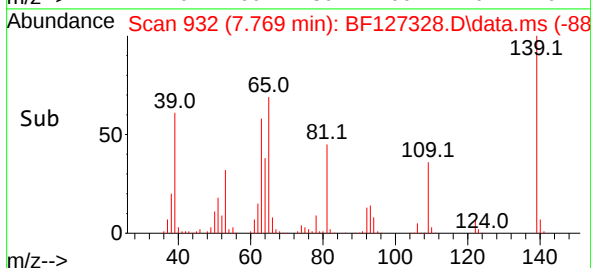
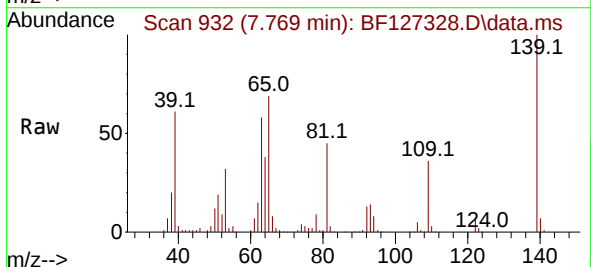
Manual Integrations
APPROVED

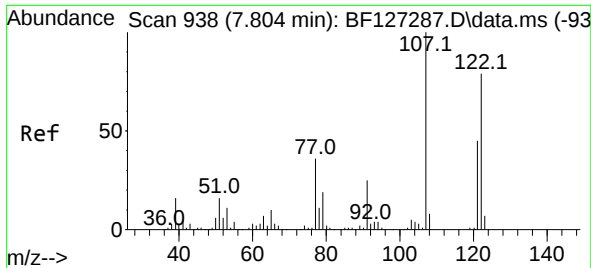
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#26
2-Nitrophenol
Concen: 43.272 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion:139 Resp: 171870
Ion Ratio Lower Upper
139 100
109 36.4 20.0 30.0#
65 69.4 40.8 61.2#





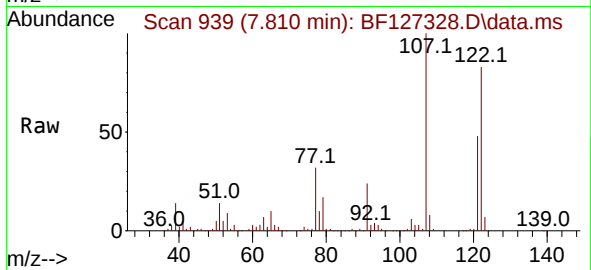
#27
2,4-Dimethylphenol
Concen: 49.880 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

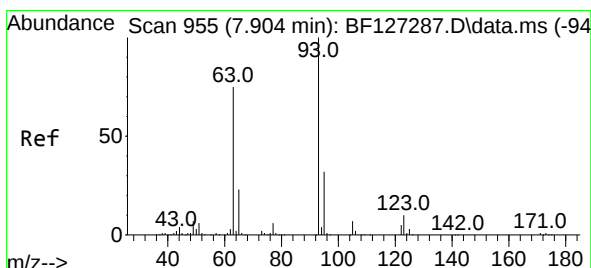
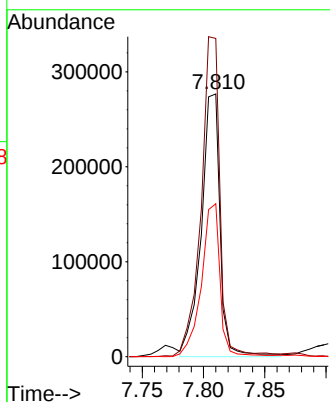
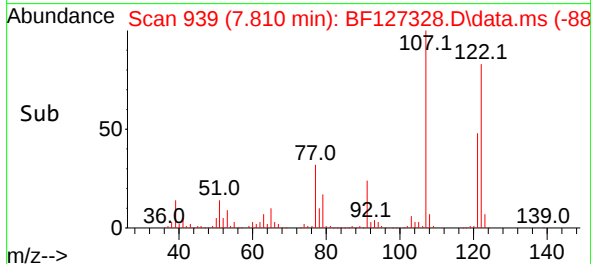
PB143311BS



Tgt Ion:122 Resp: 29740
Ion Ratio Lower Upper
122 100
107 121.1 91.2 136.8
121 58.2 44.4 66.6

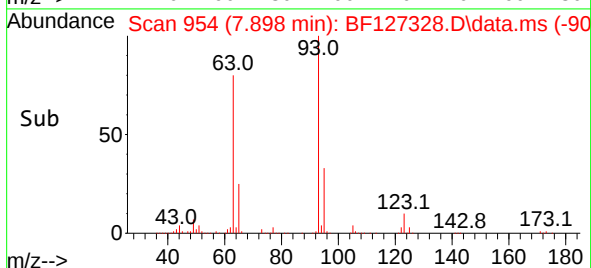
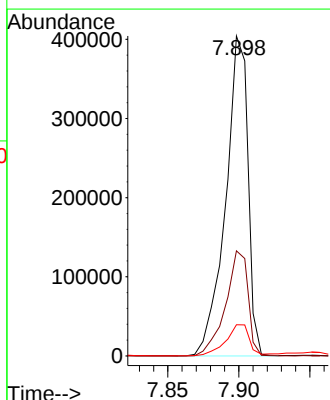
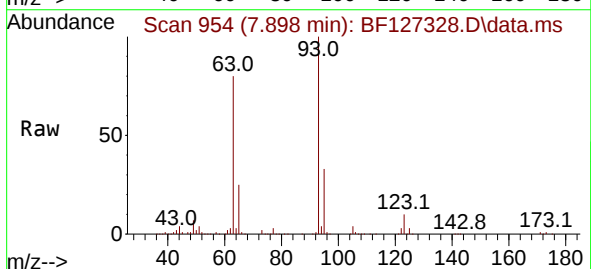
Manual Integrations
APPROVED

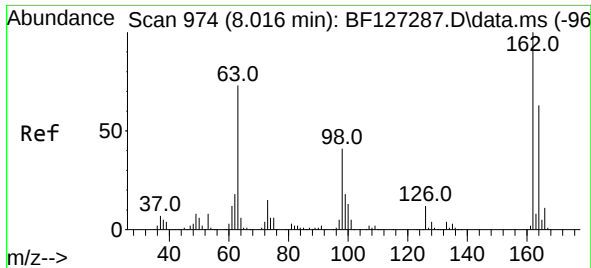
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.841 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion: 93 Resp: 442605
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.2
123 9.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.053 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:162 Resp: 28714

Ion Ratio Lower Upper

162 100

164 64.6 43.8 83.8

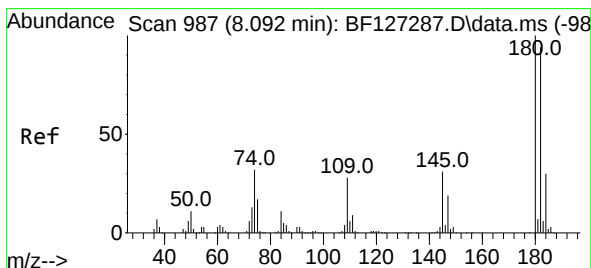
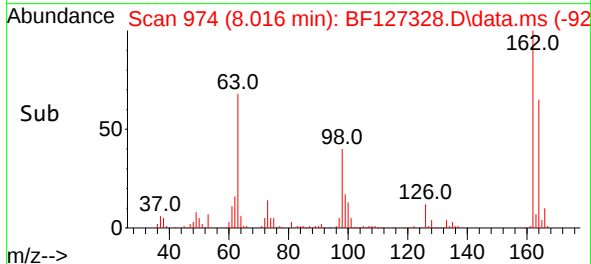
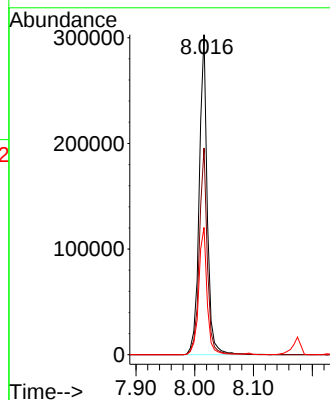
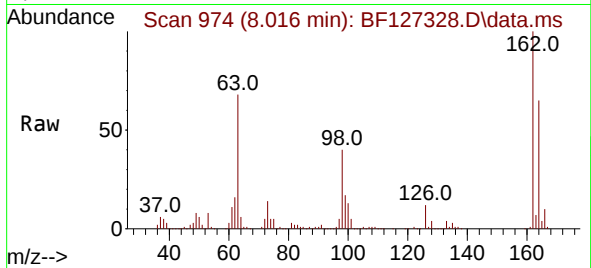
98 39.7 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.289 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

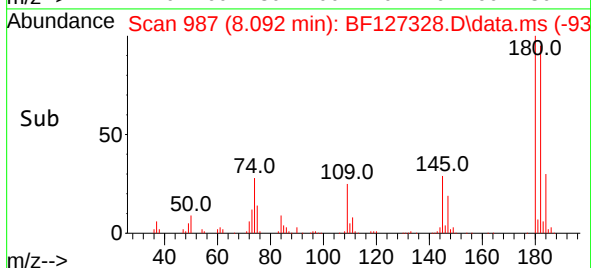
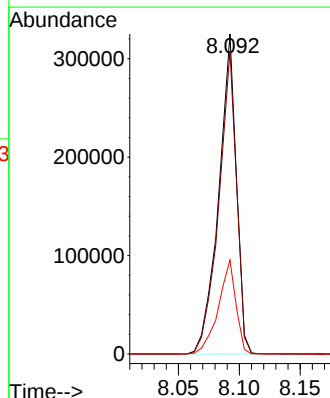
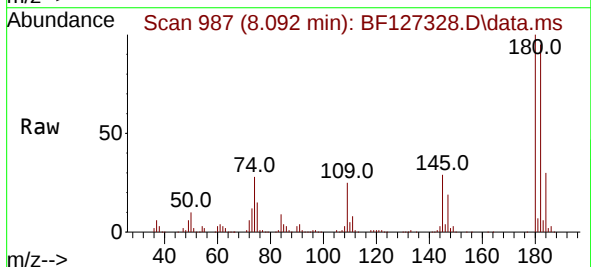
Tgt Ion:180 Resp: 329201

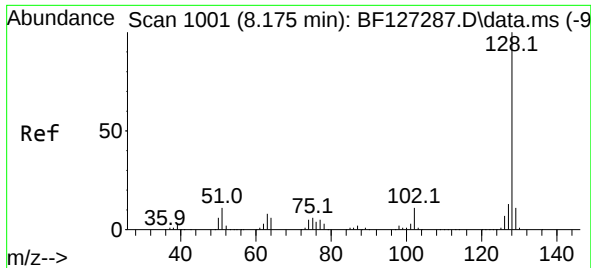
Ion Ratio Lower Upper

180 100

182 94.7 75.5 113.3

145 29.3 26.2 39.2





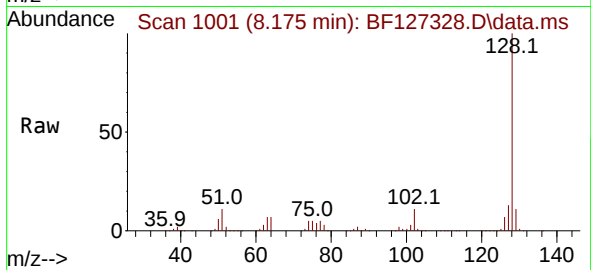
#31
Naphthalene
Concen: 42.179 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

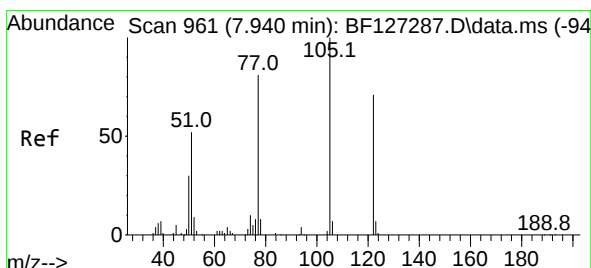
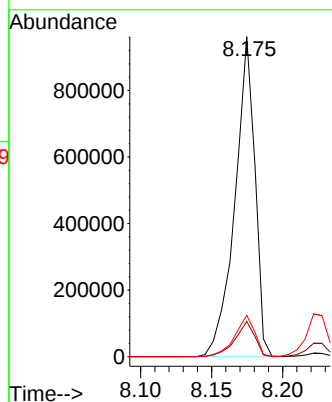
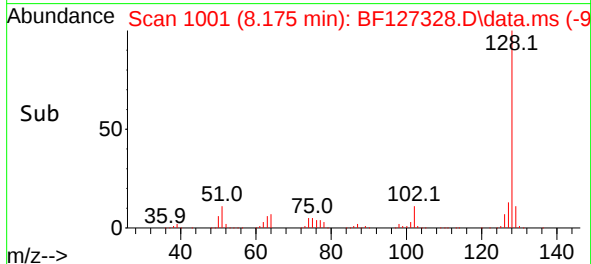


Tgt Ion:128 Resp: 942244
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.3 15.5

Manual Integrations

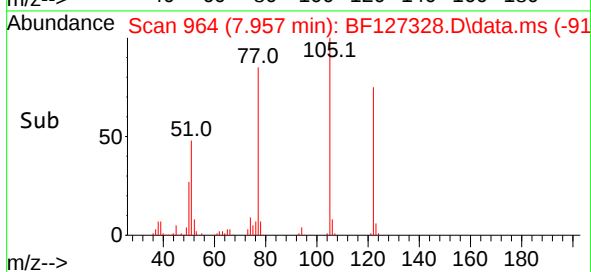
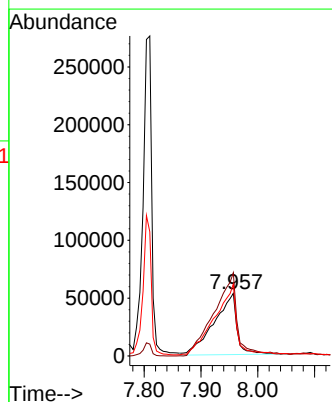
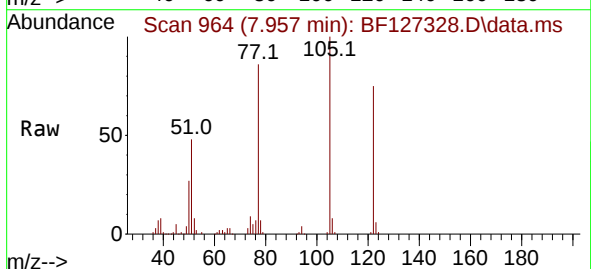
APPROVED

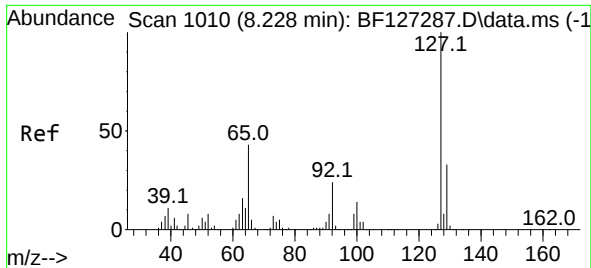
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#32
Benzoic acid
Concen: 37.803 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.017 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion:122 Resp: 149905
Ion Ratio Lower Upper
122 100
105 133.1 101.0 141.0
77 114.8 74.5 114.5#





#33
4-Chloroaniline
Concen: 18.549 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

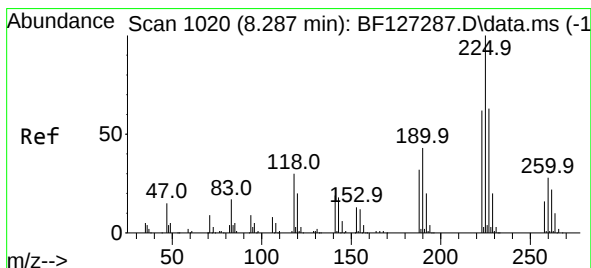
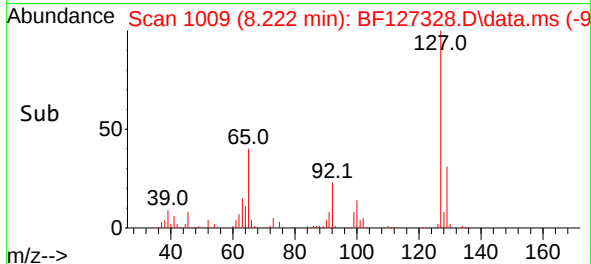
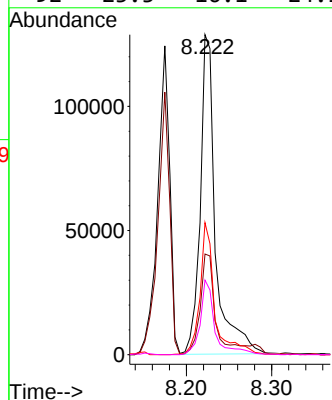
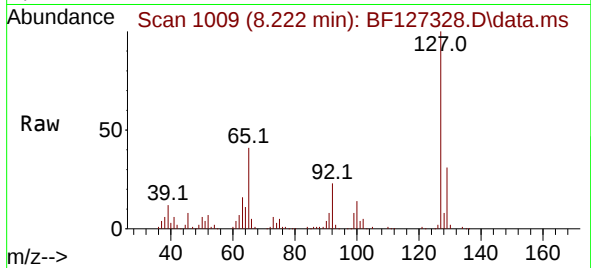
PB143311BS

Tgt Ion:127 Resp: 16061
Ion Ratio Lower Upper
127 100
129 31.4 26.5 39.7
65 41.2 26.6 39.8
92 23.3 16.1 24.1

Manual Integrations

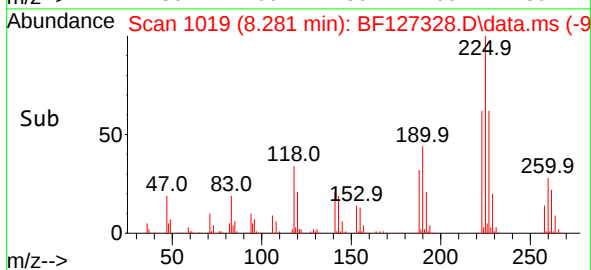
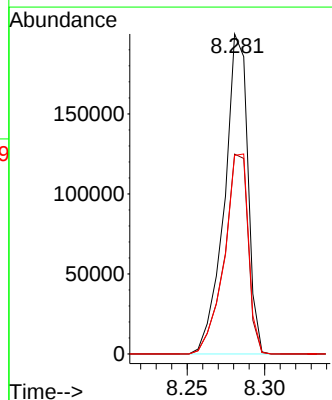
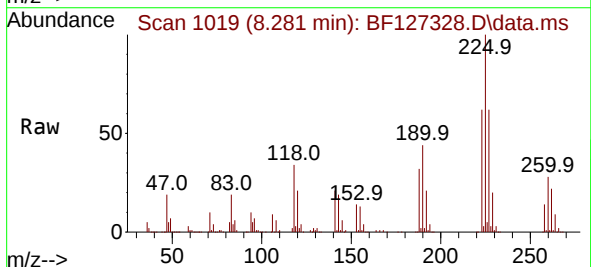
APPROVED

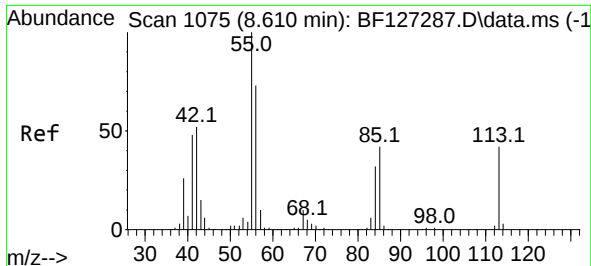
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#34
Hexachlorobutadiene
Concen: 40.372 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

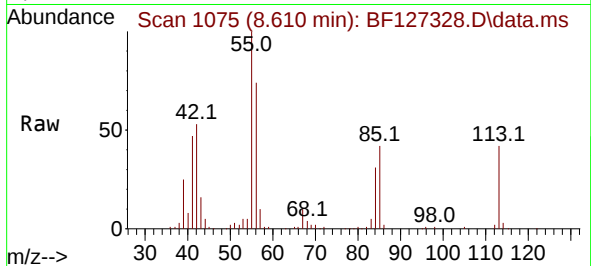
Tgt Ion:225 Resp: 209573
Ion Ratio Lower Upper
225 100
223 62.5 48.6 73.0
227 62.0 51.4 77.0





#35
Caprolactam
Concen: 40.175 ng m
RT: 8.610 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

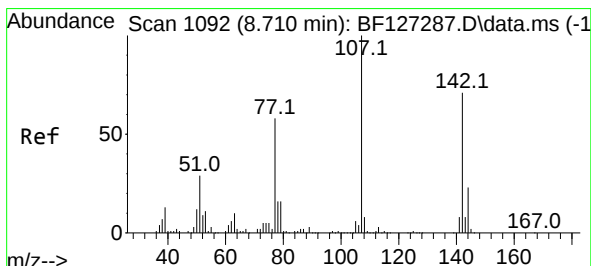
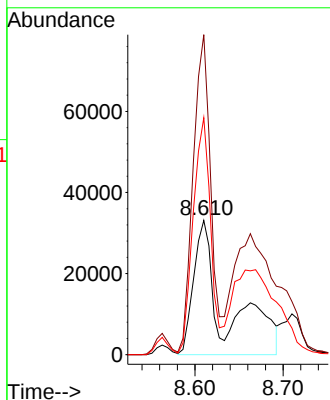
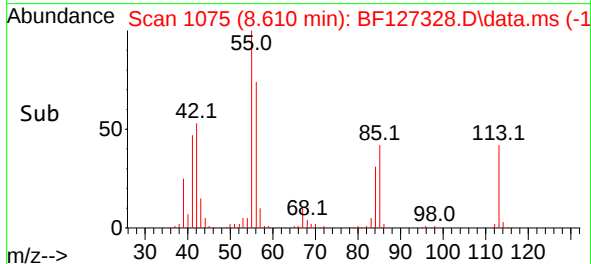
Instrument :
BNA_F
ClientSampleId :
PB143311BS



Tgt Ion:113 Resp: 81952
Ion Ratio Lower Upper
113 100
55 238.3 183.9 223.9
56 176.5 129.9 169.9

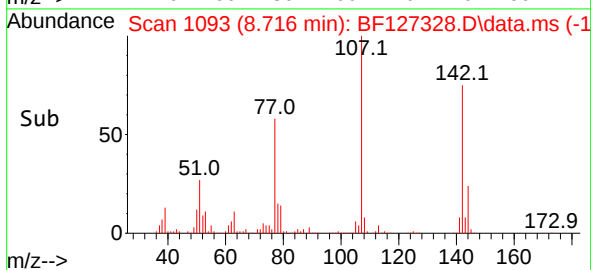
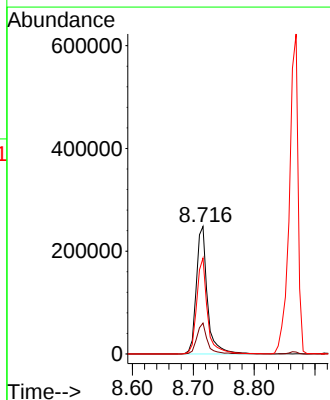
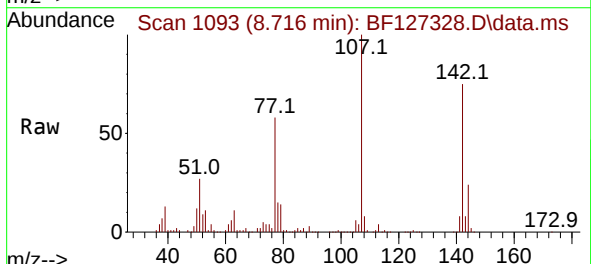
Manual Integrations
APPROVED

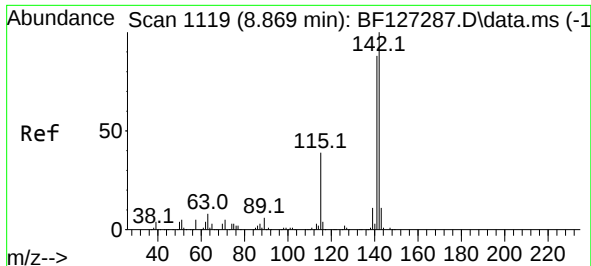
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#36
4-Chloro-3-methylphenol
Concen: 42.568 ng
RT: 8.716 min Scan# 1093
Delta R.T. 0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion:107 Resp: 315031
Ion Ratio Lower Upper
107 100
144 24.2 18.5 27.7
142 75.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 42.322 ng

RT: 8.869 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:142 Resp: 61775

Ion Ratio Lower Upper

142 100

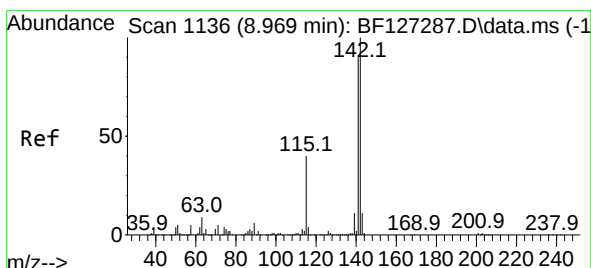
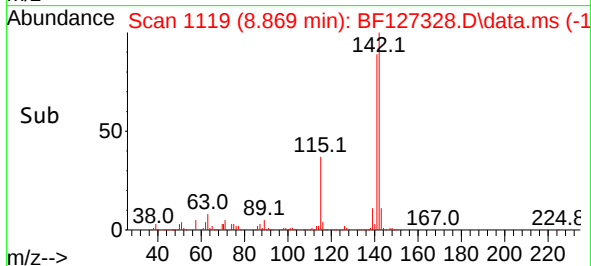
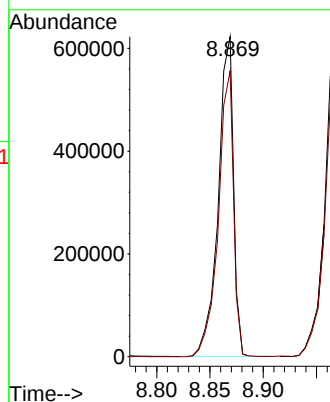
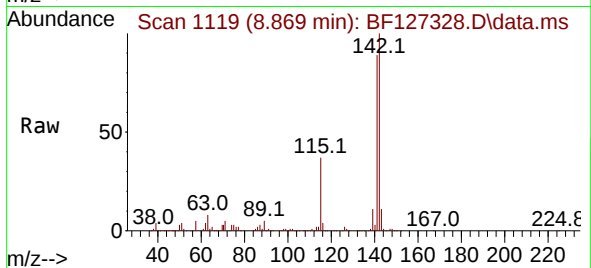
141 89.3 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#38

1-Methylnaphthalene

Concen: 41.799 ng

RT: 8.969 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF127328.D

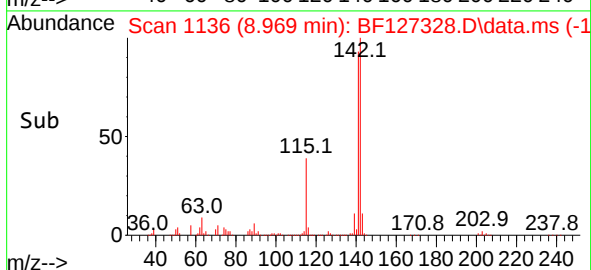
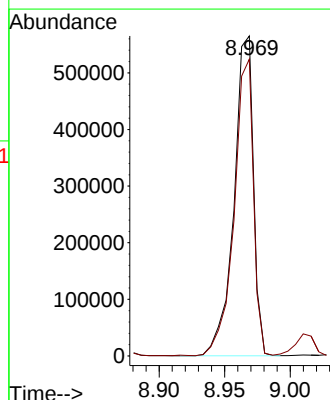
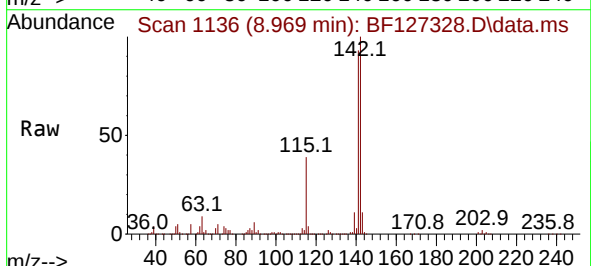
Acq: 15 Mar 2022 17:06

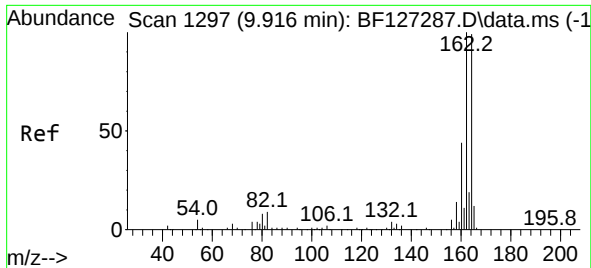
Tgt Ion:142 Resp: 586551

Ion Ratio Lower Upper

142 100

141 92.8 72.1 108.1





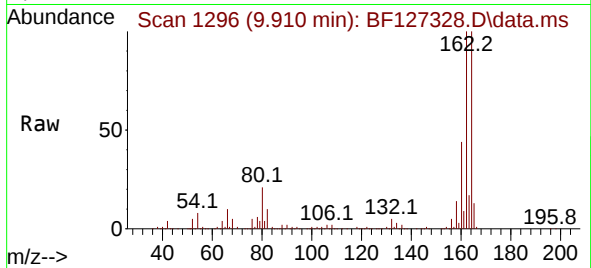
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

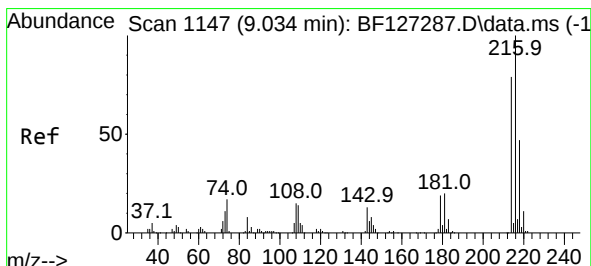
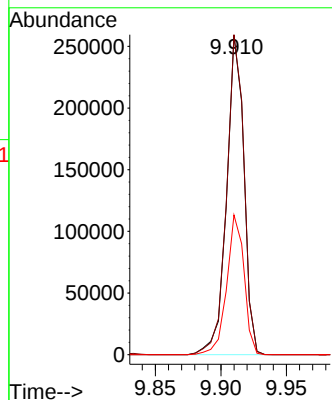
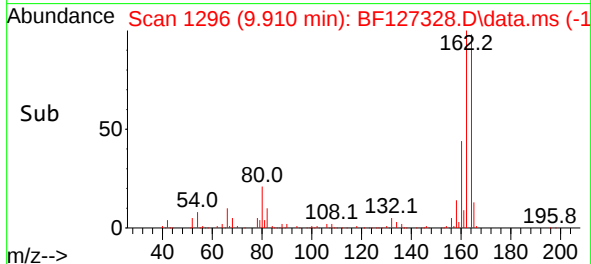


Tgt Ion:164 Resp: 23766
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.8 36.6 54.8

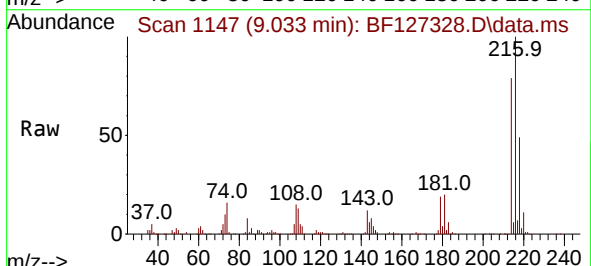
Manual Integrations

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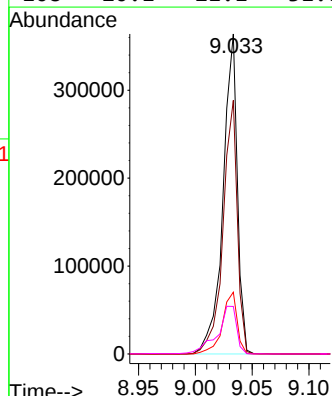
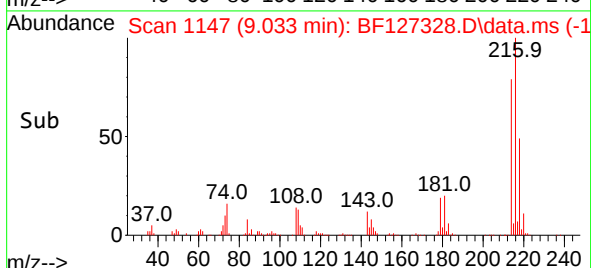
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

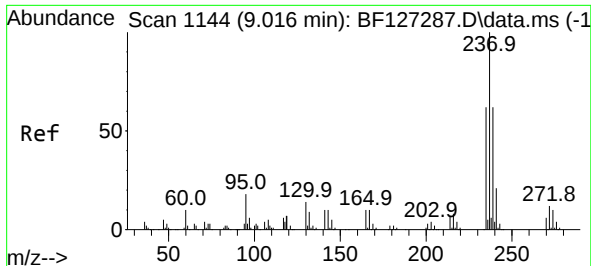


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.698 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



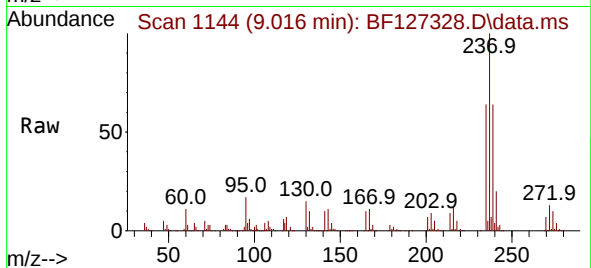
Tgt Ion:216 Resp: 321253
Ion Ratio Lower Upper
216 100
214 79.0 64.6 96.8
179 19.9 19.5 29.3
108 20.1 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 109.015 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

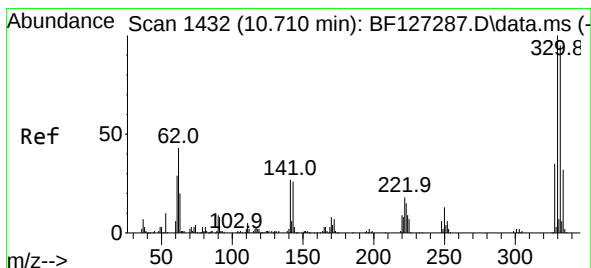
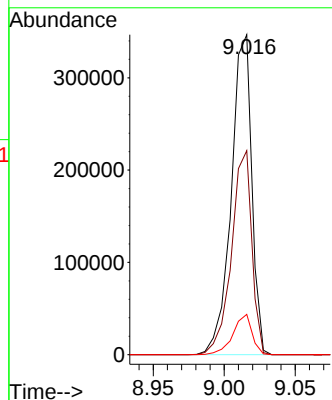
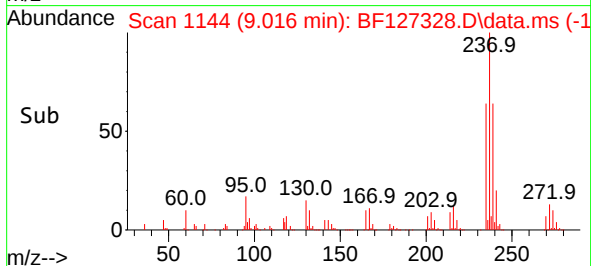
Instrument :
BNA_F
ClientSampleId :
PB143311BS



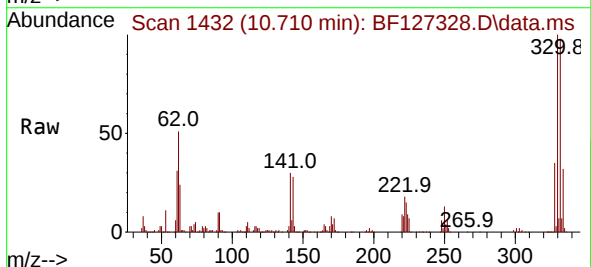
Tgt Ion:237 Resp: 349558
Ion Ratio Lower Upper
237 100
235 63.8 38.9 78.9
272 12.6 0.0 33.5

Manual Integrations
APPROVED

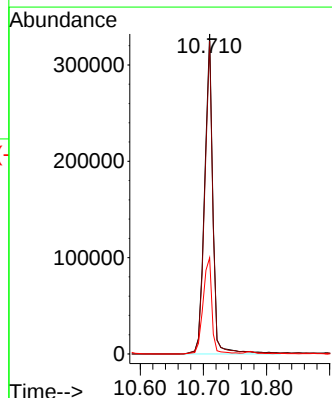
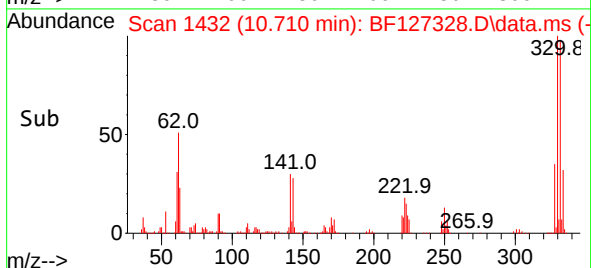
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

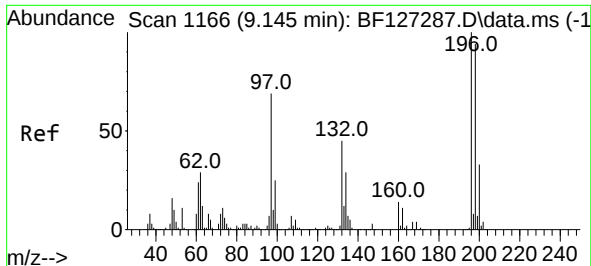


#42
2,4,6-Tribromophenol
Concen: 118.169 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:330 Resp: 302331
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 32.3 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 41.548 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:196 Resp: 197294

Ion Ratio Lower Upper

196 100

198 92.4 78.5 117.7

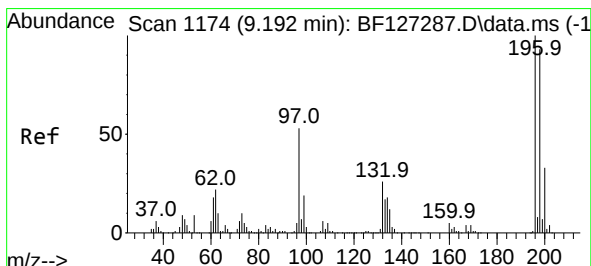
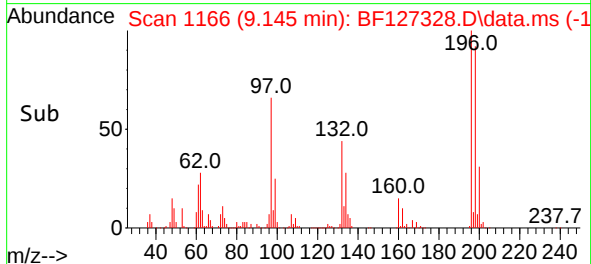
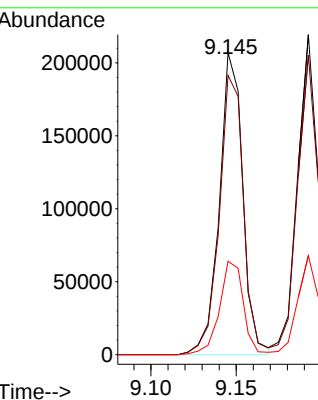
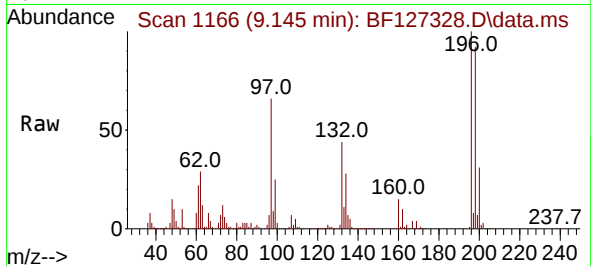
200 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#44

2,4,5-Trichlorophenol

Concen: 42.496 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Tgt Ion:196 Resp: 214171

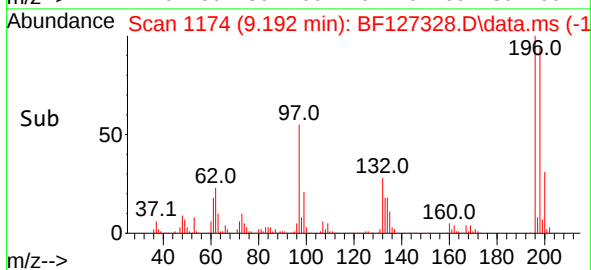
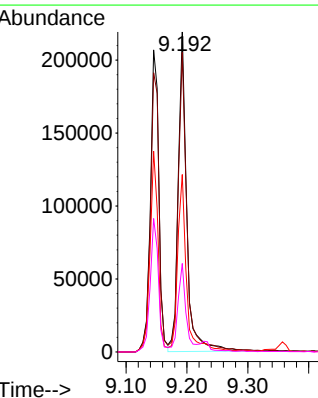
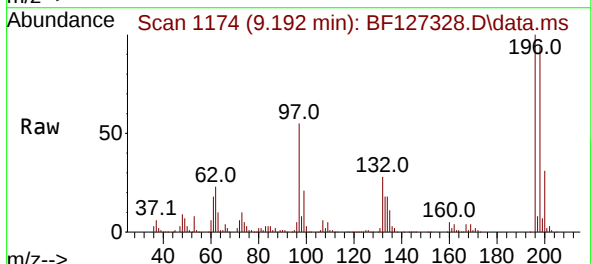
Ion Ratio Lower Upper

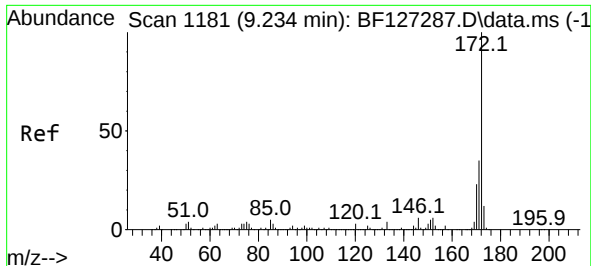
196 100

198 93.6 82.0 123.0

97 55.5 53.5 80.3

132 27.7 28.7 43.1#





#45

2-Fluorobiphenyl

Concen: 79.884 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF127328.D

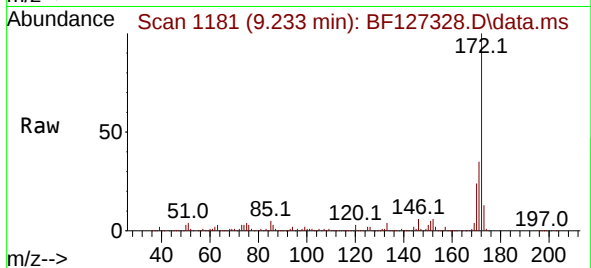
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS



Tgt Ion:172 Resp: 134290

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

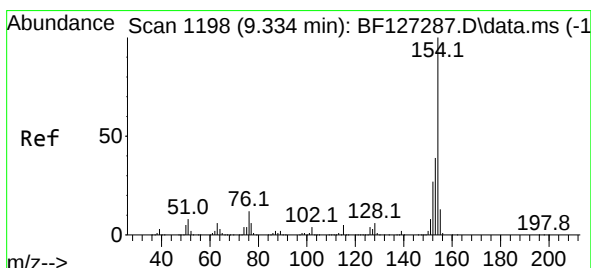
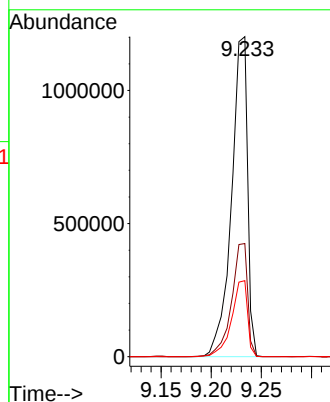
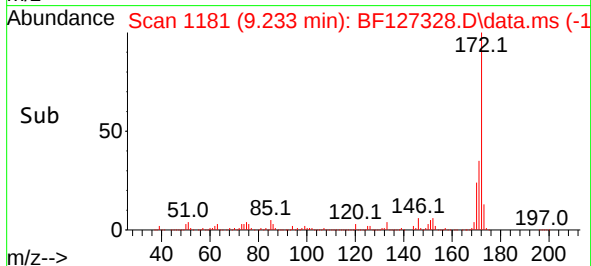
170 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#46

1,1'-Biphenyl

Concen: 41.909 ng

RT: 9.333 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

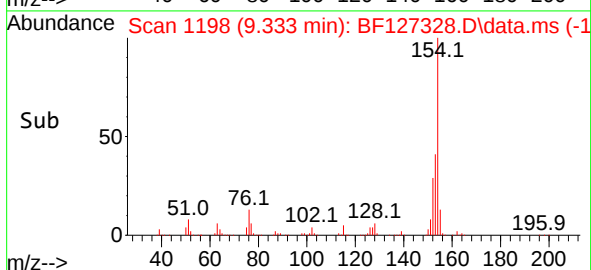
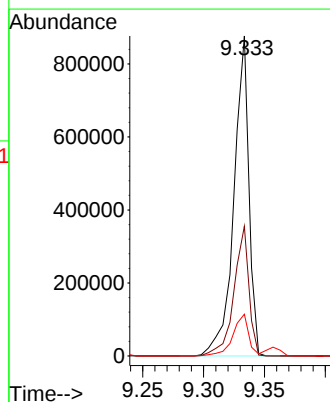
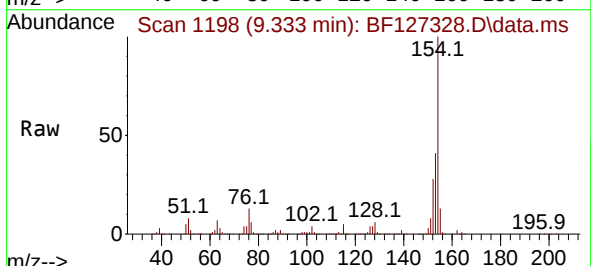
Tgt Ion:154 Resp: 751756

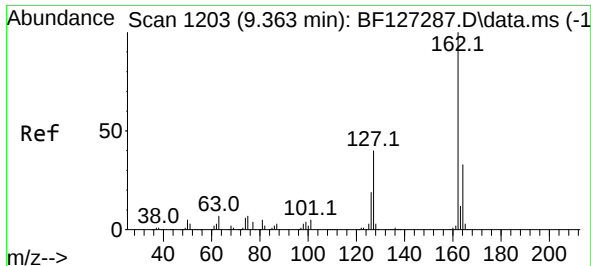
Ion Ratio Lower Upper

154 100

153 40.5 19.0 59.0

76 13.0 0.0 34.5





#47
2-Chloronaphthalene
Concen: 41.824 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

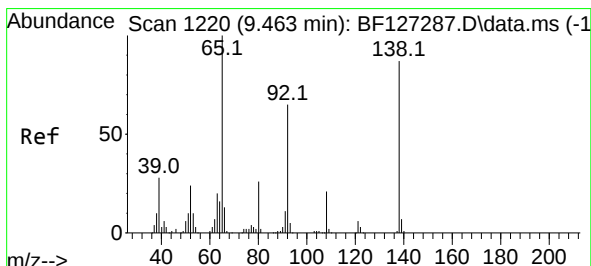
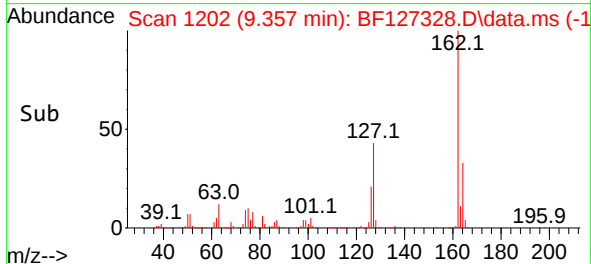
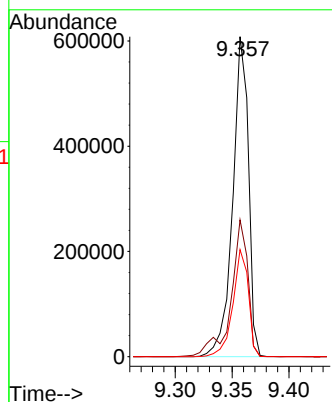
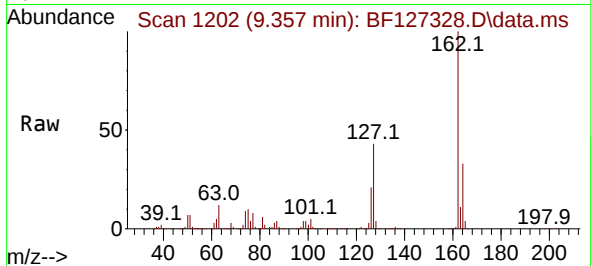
ClientSampleId :

PB143311BS

Tgt Ion:162 Resp: 58400
Ion Ratio Lower Upper
162 100
127 42.7 33.5 50.3
164 33.4 26.2 39.4

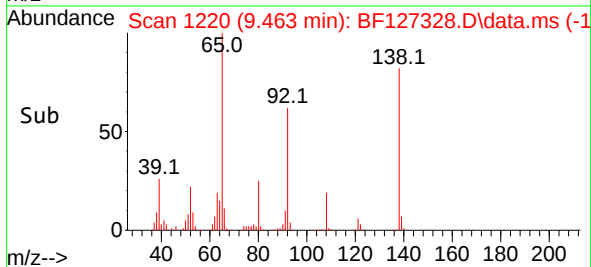
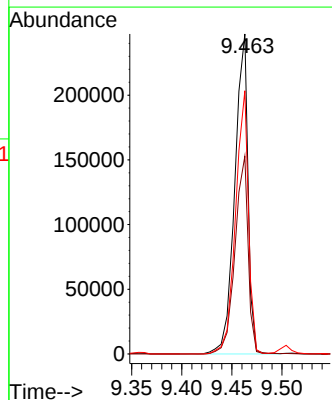
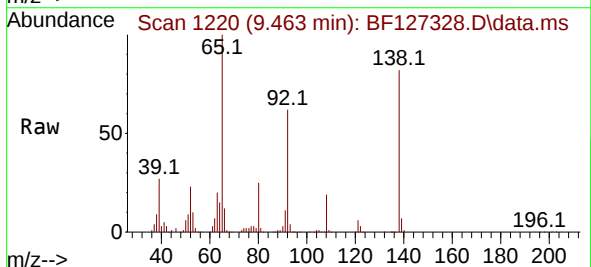
Manual Integrations
APPROVED

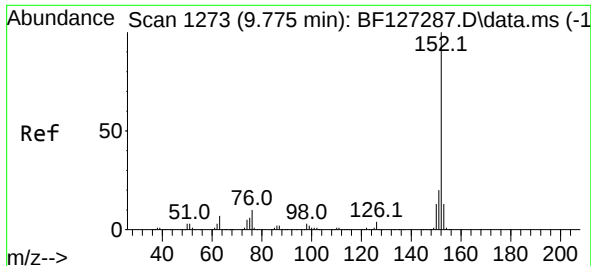
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#48
2-Nitroaniline
Concen: 42.304 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion: 65 Resp: 227279
Ion Ratio Lower Upper
65 100
92 61.8 54.4 81.6
138 82.2 72.5 108.7





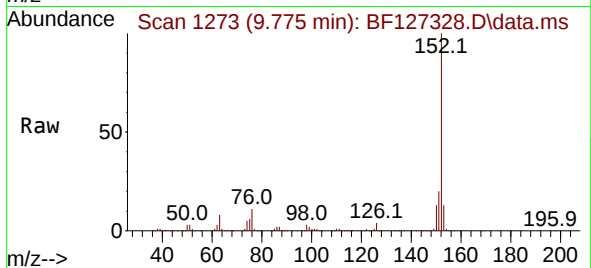
#49
Acenaphthylene
Concen: 44.076 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

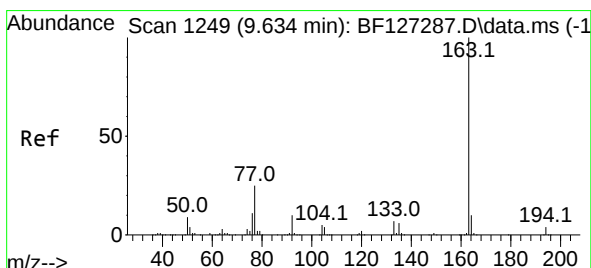
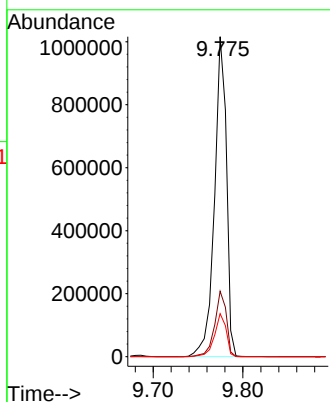
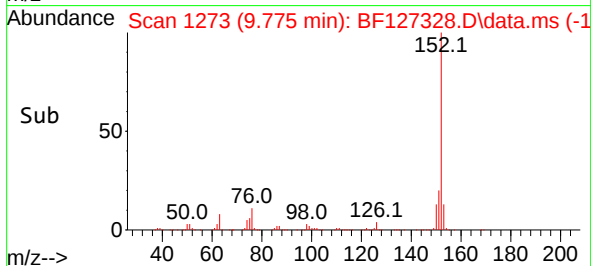


Tgt Ion:152 Resp: 941830
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.4 11.4 17.0

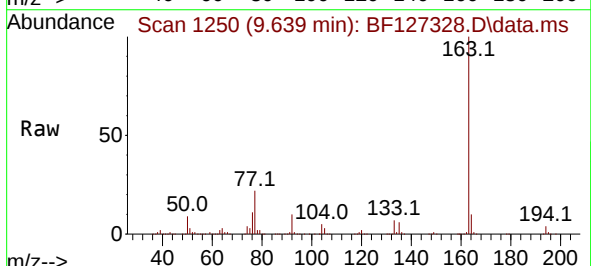
Manual Integrations

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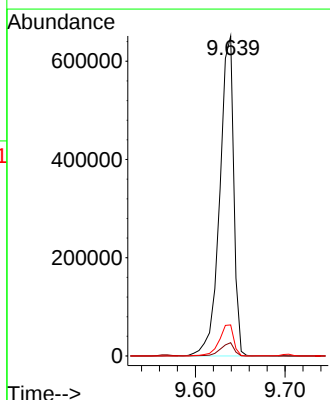
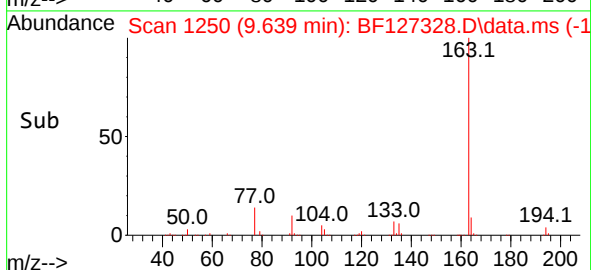
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

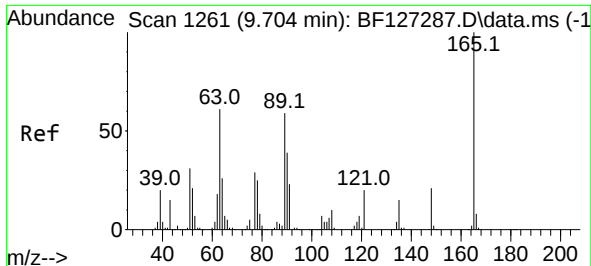


#50
Dimethylphthalate
Concen: 41.371 ng
RT: 9.639 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:163 Resp: 704572
Ion Ratio Lower Upper
163 100
194 4.2 2.6 3.8#
164 9.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 44.456 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:165 Resp: 153149

Ion Ratio Lower Upper

165 100

63 68.6 48.4 72.6

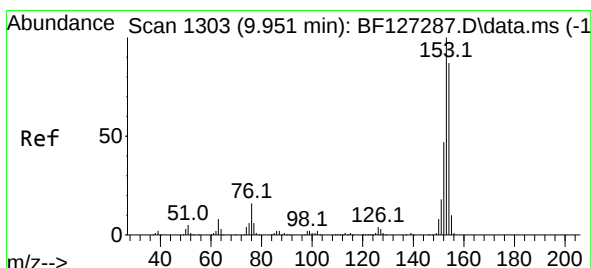
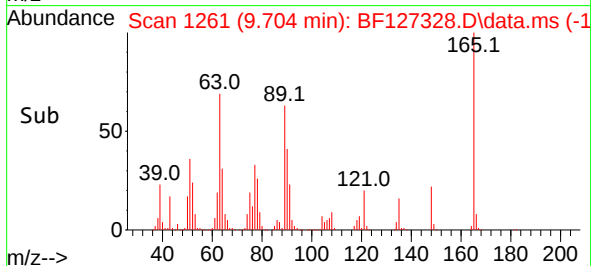
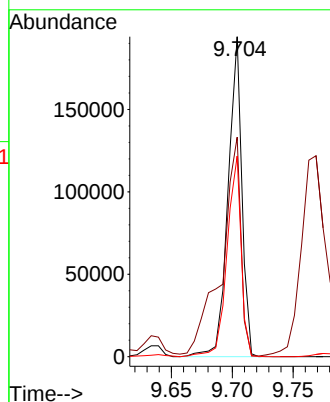
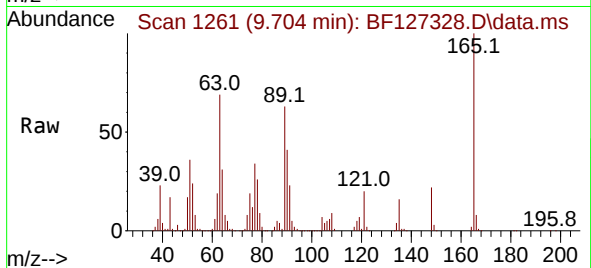
89 62.7 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#52

Acenaphthene

Concen: 41.736 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

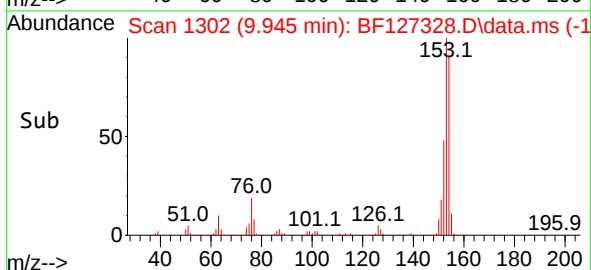
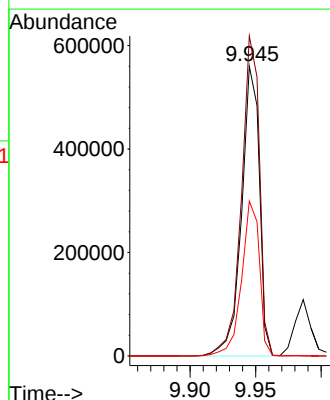
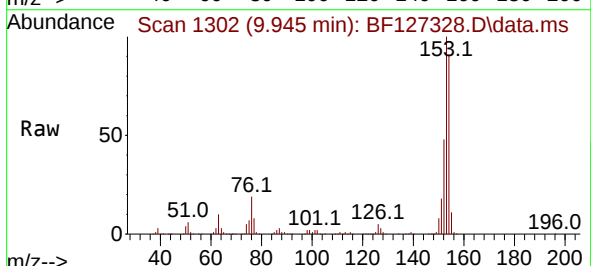
Tgt Ion:154 Resp: 531616

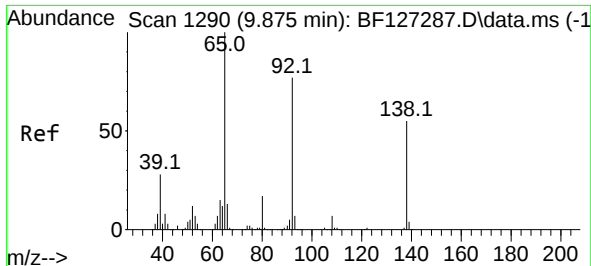
Ion Ratio Lower Upper

154 100

153 110.4 87.8 131.6

152 53.4 39.4 59.2





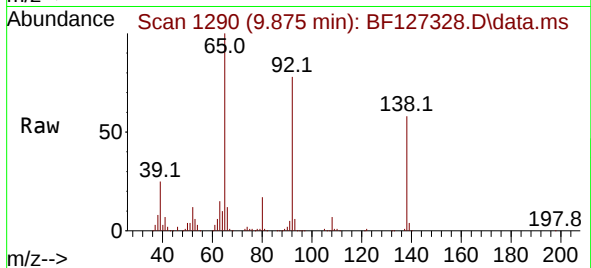
#53
3-Nitroaniline
Concen: 26.824 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

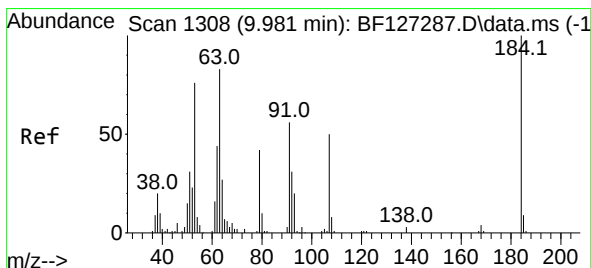
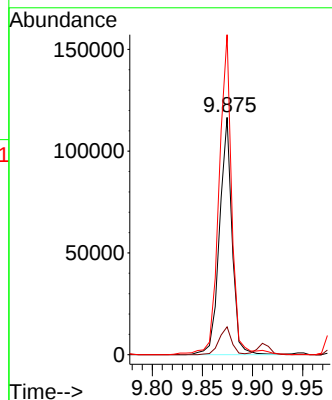
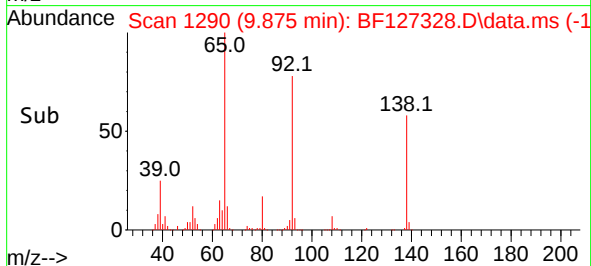


Tgt Ion:138 Resp: 100700
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 134.8 105.0 157.6

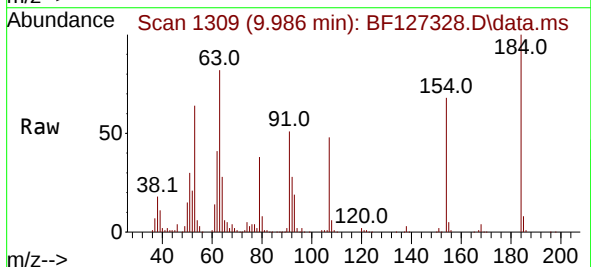
Manual Integrations

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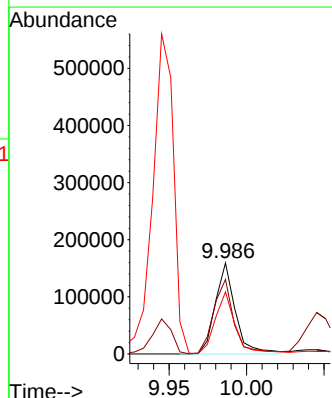
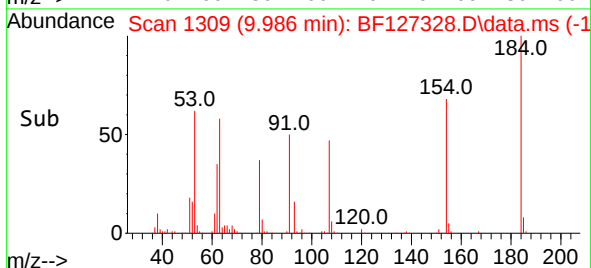
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

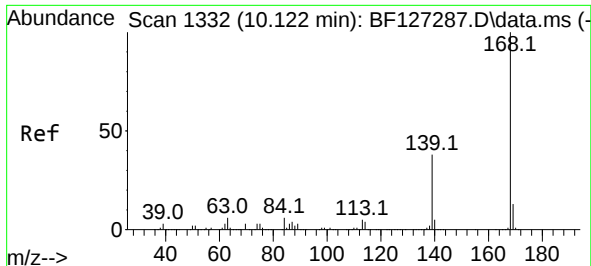


#54
2,4-Dinitrophenol
Concen: 76.058 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



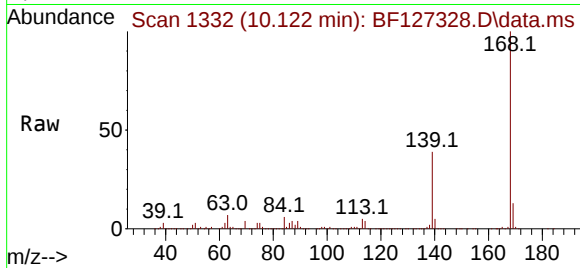
Tgt Ion:184 Resp: 144016
Ion Ratio Lower Upper
184 100
63 82.0 70.4 105.6
154 68.3 49.7 74.5





#55
Dibenzenofuran
Concen: 39.549 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

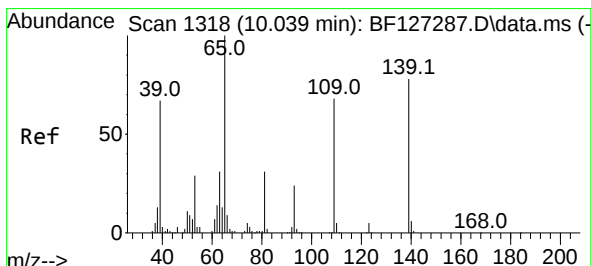
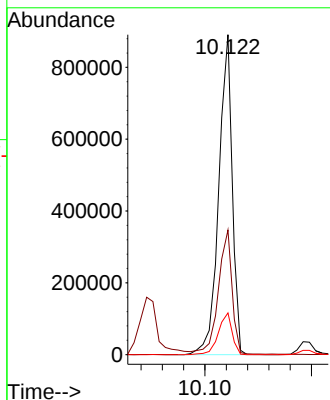
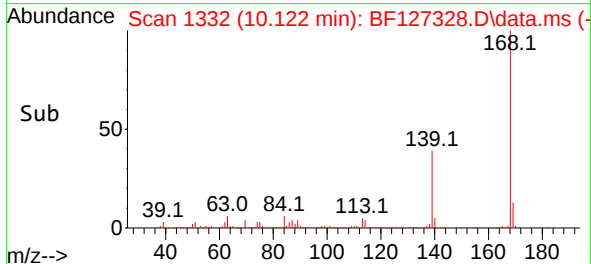
Instrument :
BNA_F
ClientSampleId :
PB143311BS



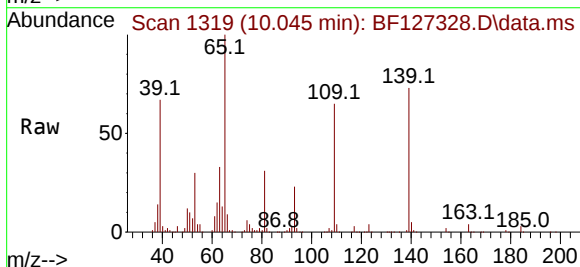
Tgt Ion:168 Resp: 782609
Ion Ratio Lower Upper
168 100
139 38.9 30.6 46.0
169 13.1 10.0 15.0

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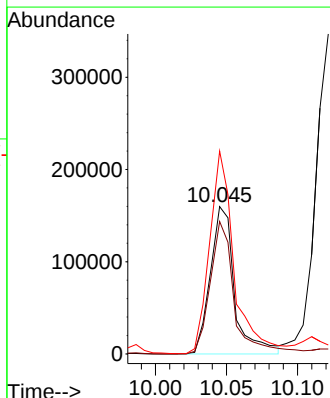
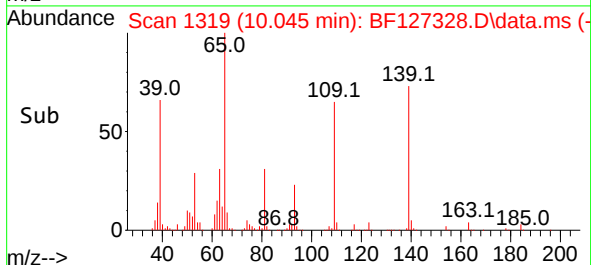
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

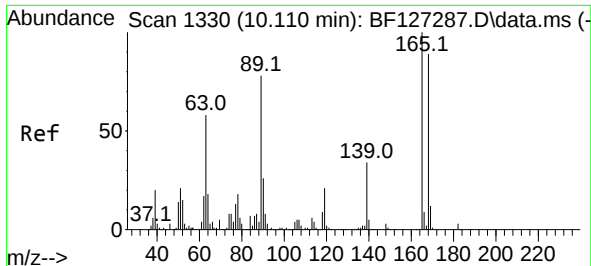


#56
4-Nitrophenol
Concen: 83.523 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:139 Resp: 190580
Ion Ratio Lower Upper
139 100
109 89.9 44.1 84.1#
65 137.7 85.5 125.5#





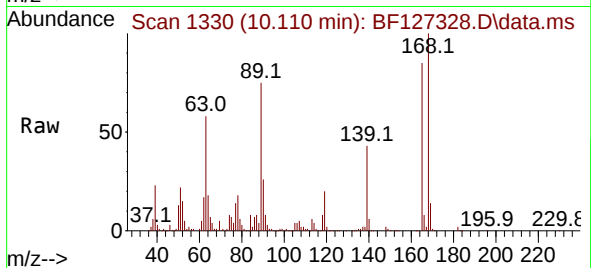
#57
2,4-Dinitrotoluene
Concen: 42.685 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

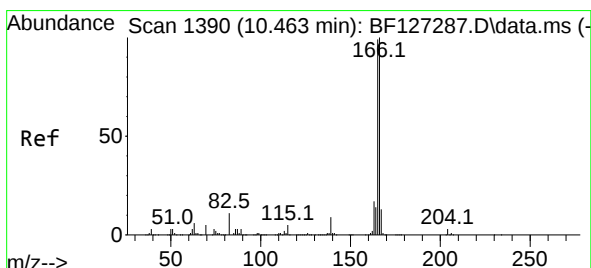
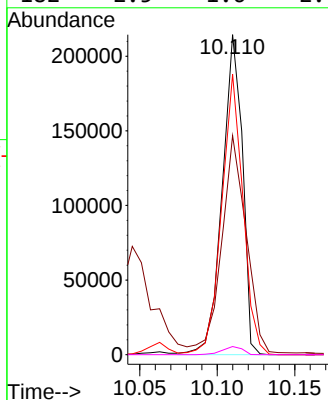
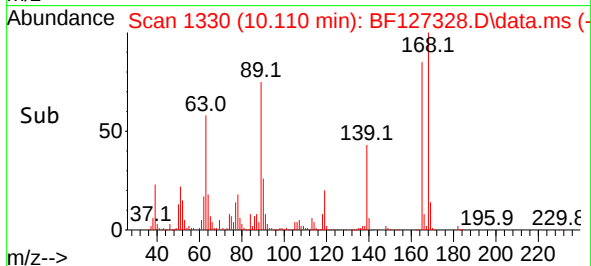


Tgt Ion:165 Resp: 19347
Ion Ratio Lower Upper
165 100
63 68.5 43.0 64.6
89 87.6 71.0 106.4
182 2.5 1.6 2.4#

Manual Integrations

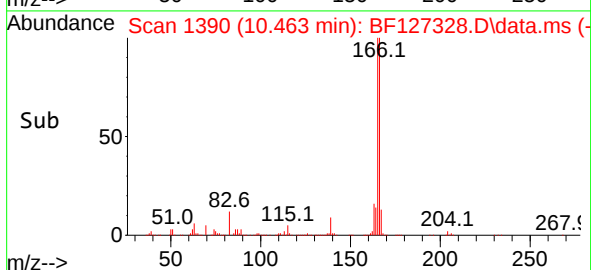
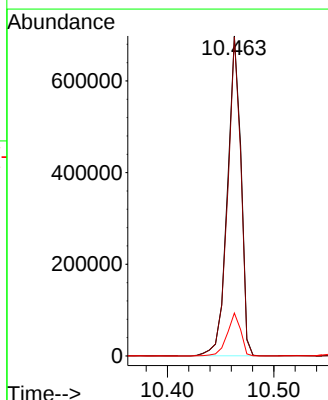
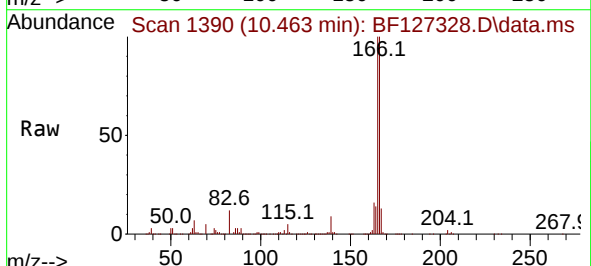
APPROVED

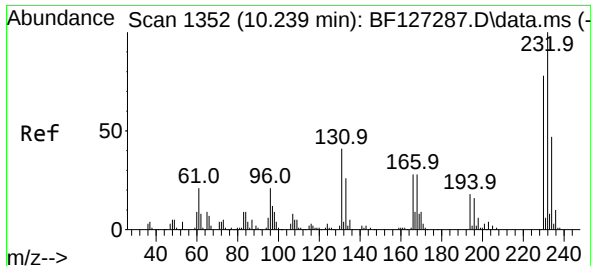
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#58
Fluorene
Concen: 40.138 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

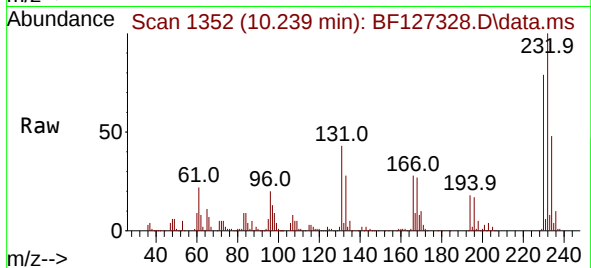
Tgt Ion:166 Resp: 615882
Ion Ratio Lower Upper
166 100
165 99.7 77.7 116.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.882 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

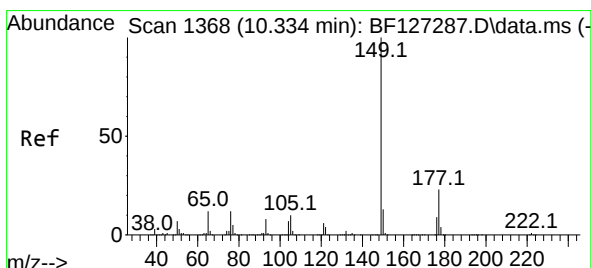
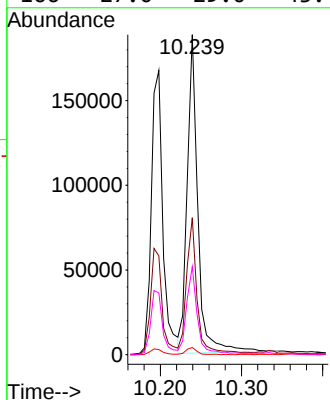
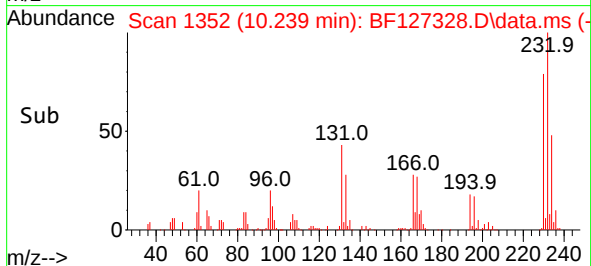
Instrument :
BNA_F
ClientSampleId :
PB143311BS



Tgt Ion:232 Resp: 17122
Ion Ratio Lower Upper
232 100
131 41.4 50.0 75.0
130 2.4 2.2 3.2
166 27.0 29.0 43.4#

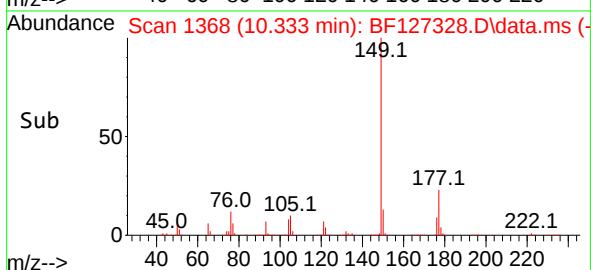
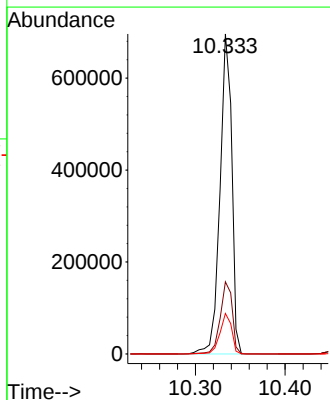
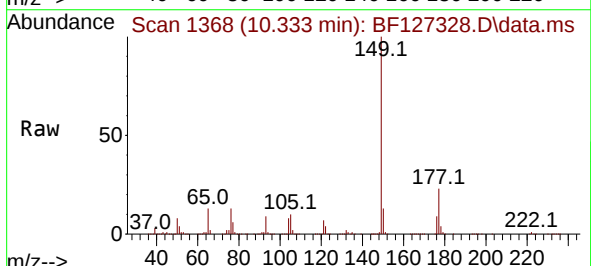
Manual Integrations
APPROVED

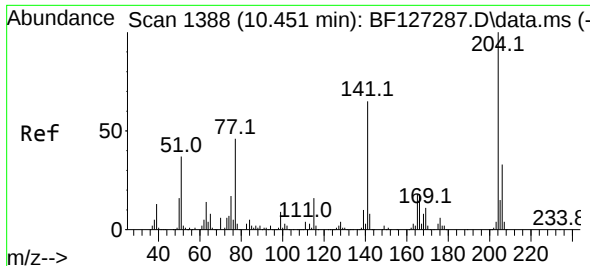
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#60
Diethylphthalate
Concen: 40.841 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

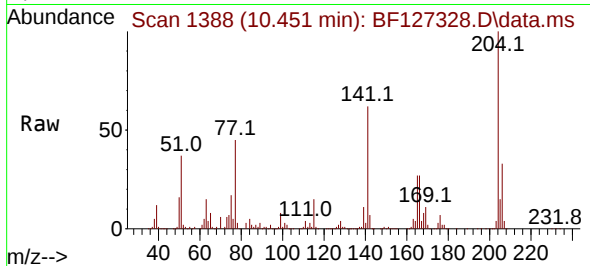
Tgt Ion:149 Resp: 634439
Ion Ratio Lower Upper
149 100
177 22.6 16.7 25.1
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 39.614 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

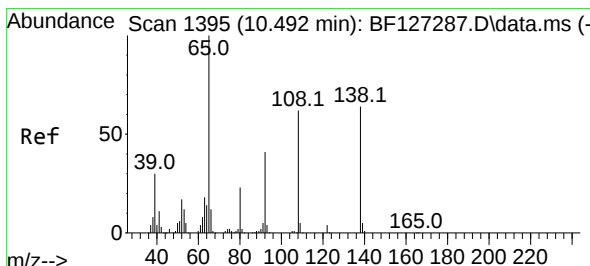
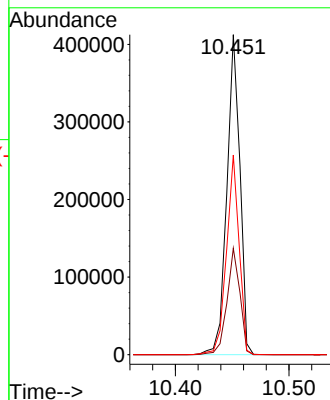
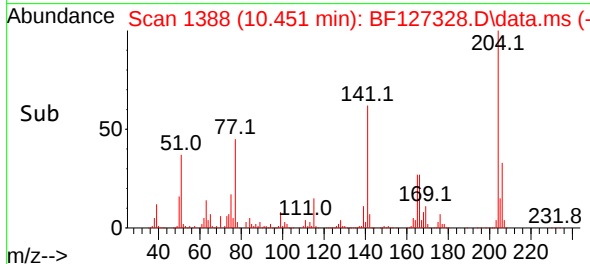
Instrument :
BNA_F
ClientSampleId :
PB143311BS



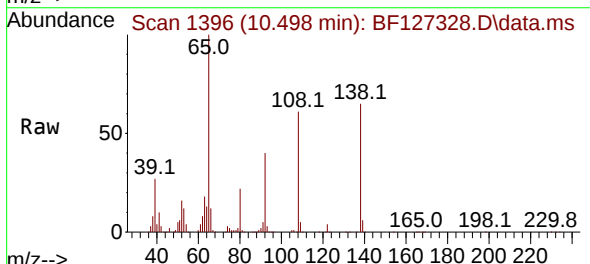
Tgt Ion:204 Resp: 329417
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 62.4 59.0 88.6

Manual Integrations
APPROVED

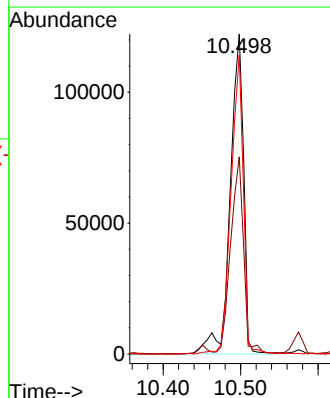
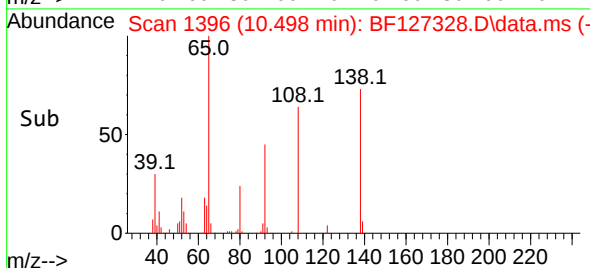
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

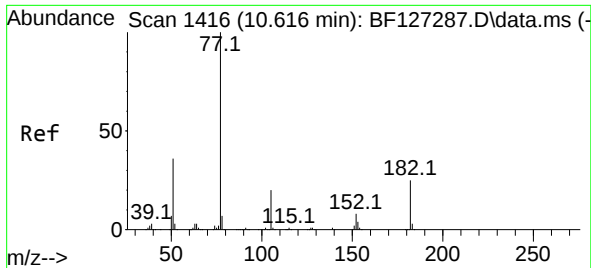


#62
4-Nitroaniline
Concen: 39.308 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



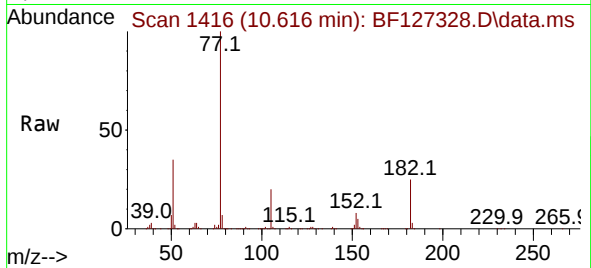
Tgt Ion:138 Resp: 147049
Ion Ratio Lower Upper
138 100
92 61.6 36.2 76.2
108 93.4 46.7 86.7#





#63
Azobenzene
Concen: 40.126 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

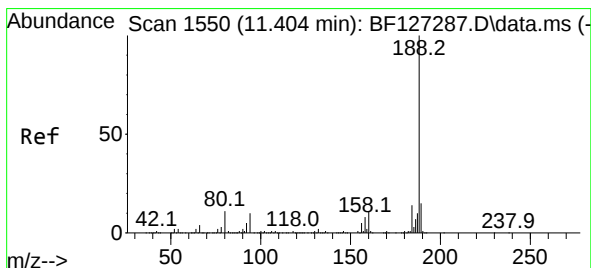
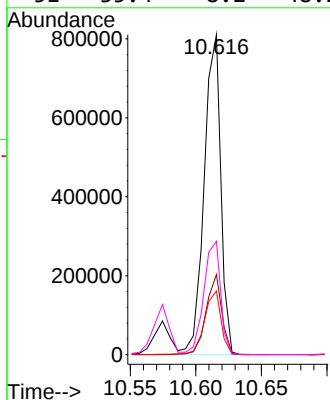
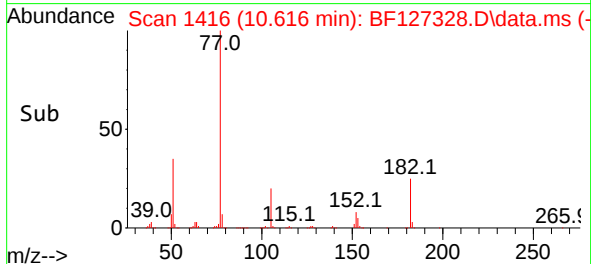
Instrument :
BNA_F
ClientSampleId :
PB143311BS



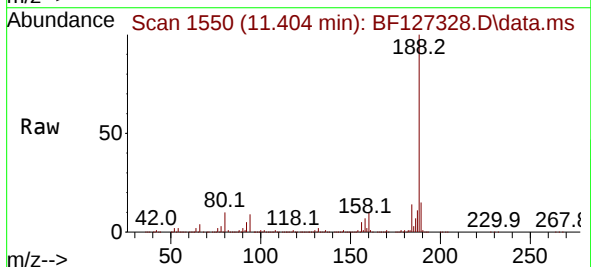
Tgt Ion: 77 Resp: 716528
Ion Ratio Lower Upper
77 100
182 25.0 0.0 39.0
105 19.9 3.2 43.2
51 35.4 8.2 48.2

Manual Integrations
APPROVED

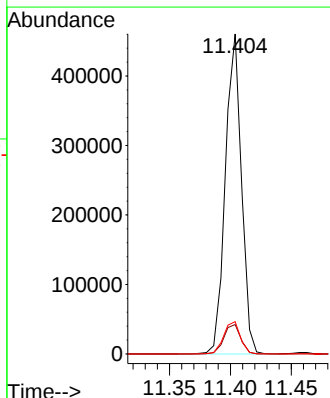
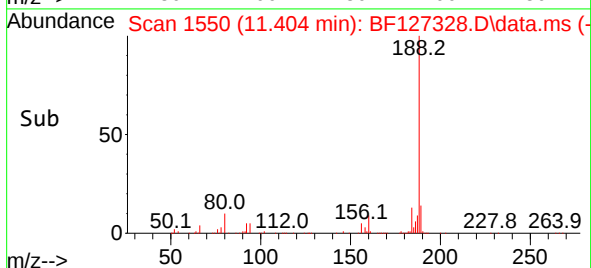
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

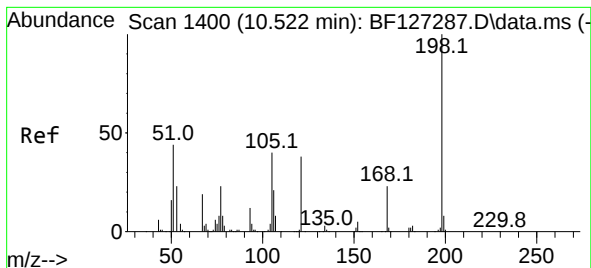


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:188 Resp: 423141
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.1 11.8 17.6#





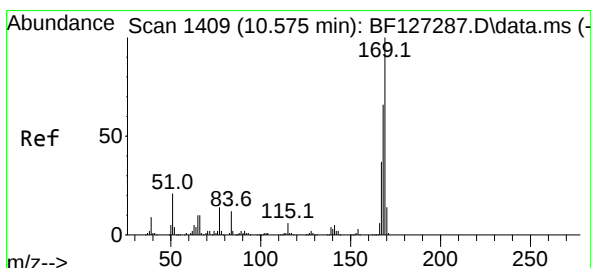
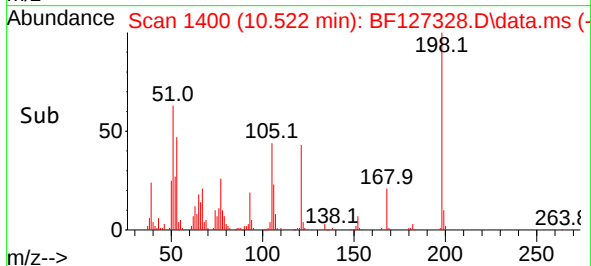
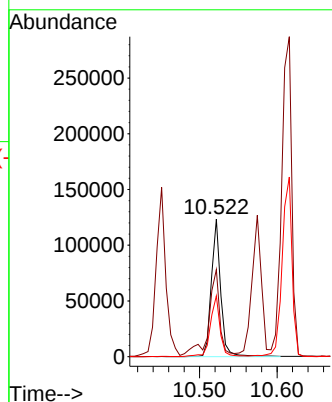
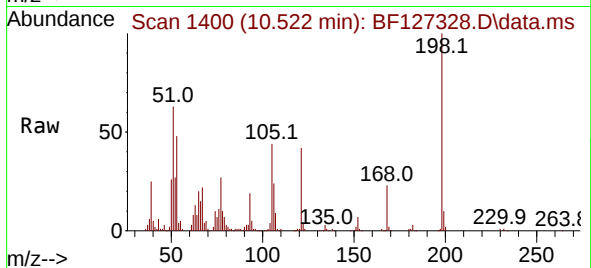
#65
4,6-Dinitro-2-methylphenol
Concen: 39.653 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :
BNA_F
ClientSampleId :
PB143311BS

Tgt Ion:198 Resp: 10345
Ion Ratio Lower Upper
198 100
51 63.3 32.0 72.0
105 44.2 32.7 72.7

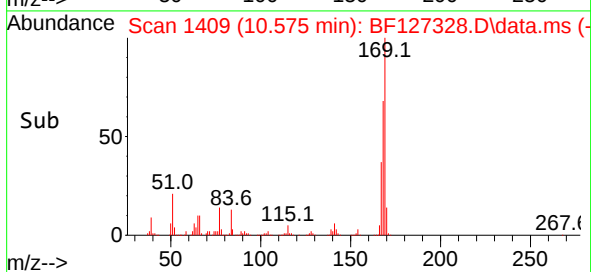
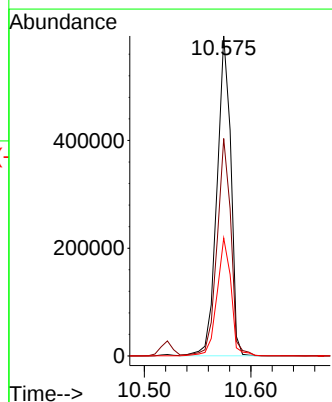
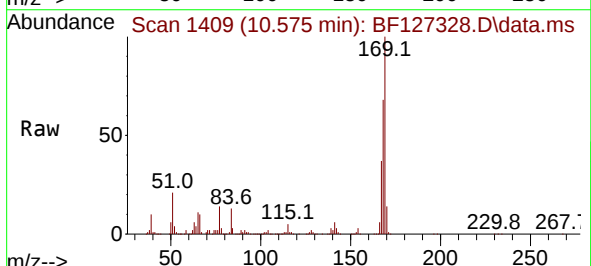
Manual Integrations
APPROVED

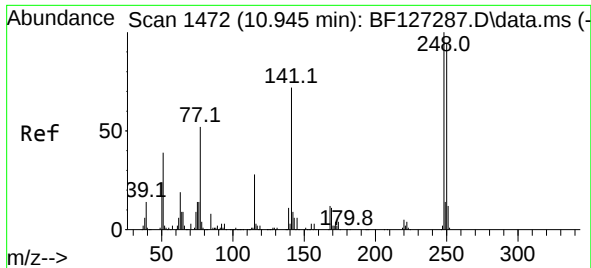
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#66
n-Nitrosodiphenylamine
Concen: 40.567 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion:169 Resp: 533120
Ion Ratio Lower Upper
169 100
168 68.0 53.4 80.0
167 36.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.778 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

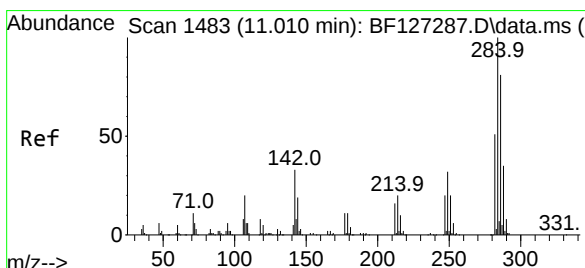
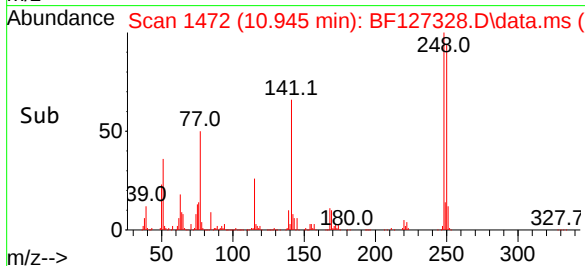
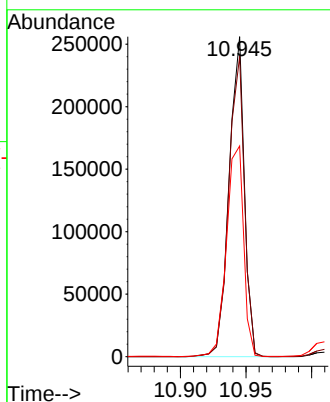
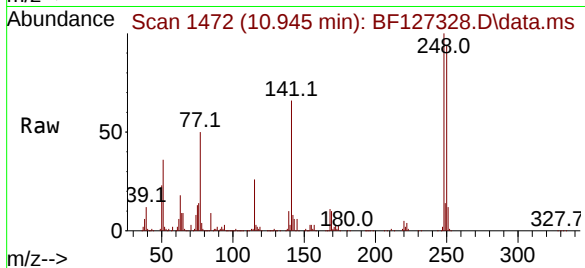
PB143311BS

Tgt Ion:248 Resp: 208000
Ion Ratio Lower Upper
248 100
250 93.8 76.2 114.4
141 65.8 66.2 99.4

Manual Integrations

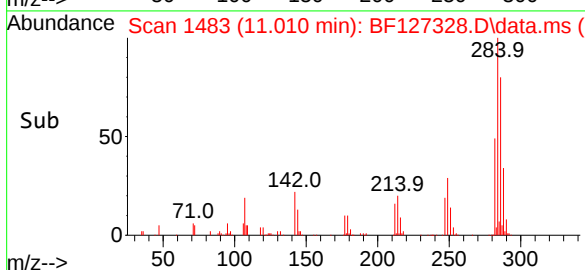
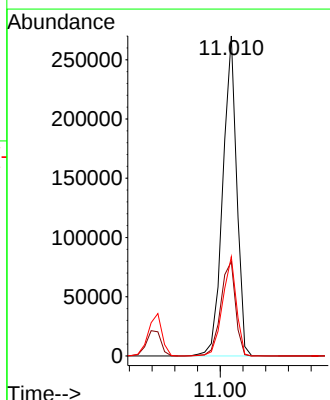
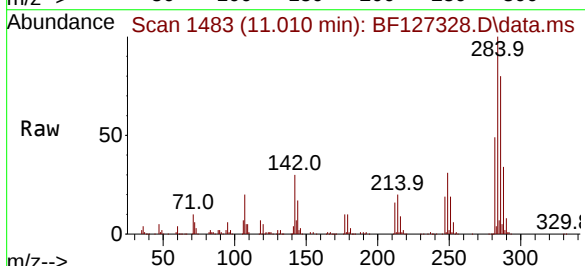
APPROVED

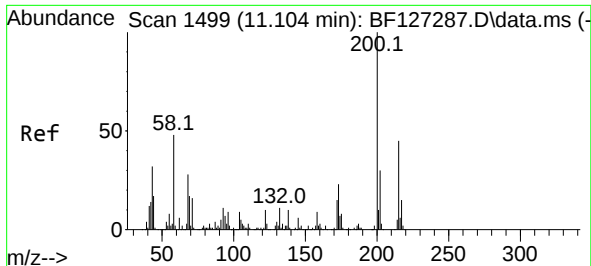
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#68
Hexachlorobenzene
Concen: 41.383 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

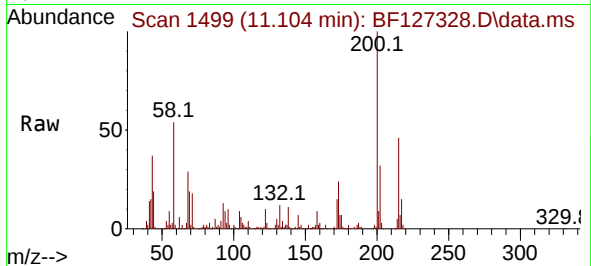
Tgt Ion:284 Resp: 230049
Ion Ratio Lower Upper
284 100
142 29.5 30.7 46.1#
249 31.0 21.1 31.7





#69
 Atrazine
 Concen: 45.111 ng
 RT: 11.104 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: BF127328.D
 Acq: 15 Mar 2022 17:06

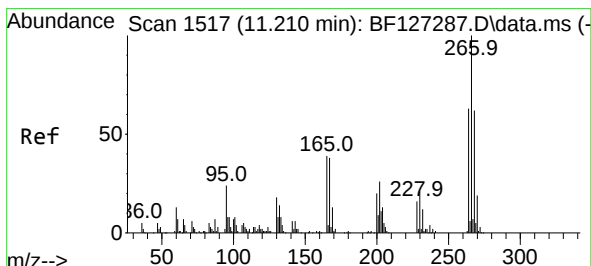
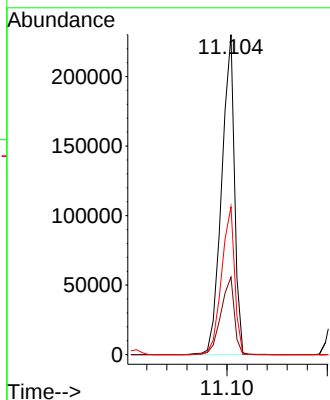
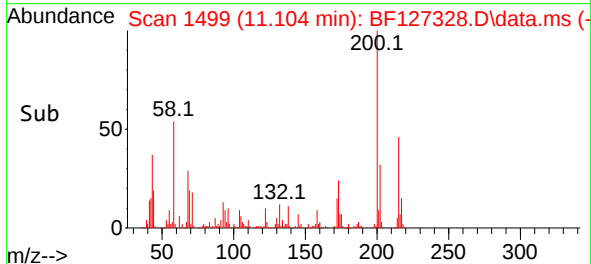
Instrument :
 BNA_F
 ClientSampleId :
 PB143311BS



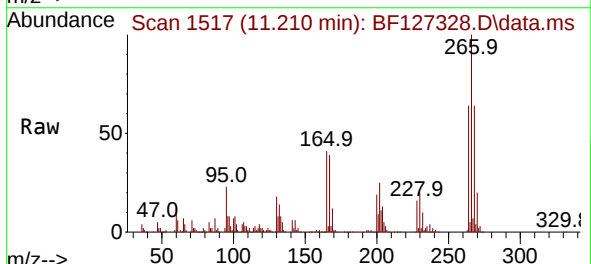
Tgt Ion:200 Resp: 204570
 Ion Ratio Lower Upper
 200 100
 173 24.2 9.2 49.2
 215 46.2 23.2 63.2

Manual Integrations
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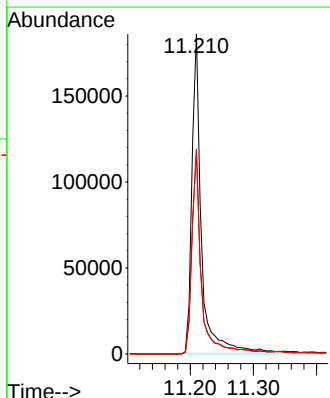
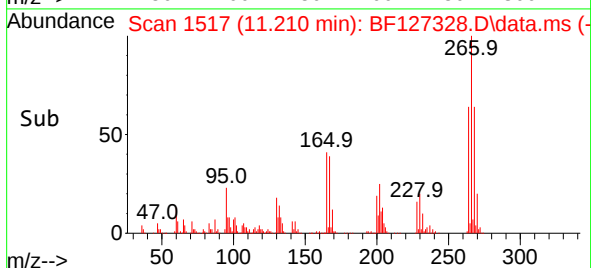
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

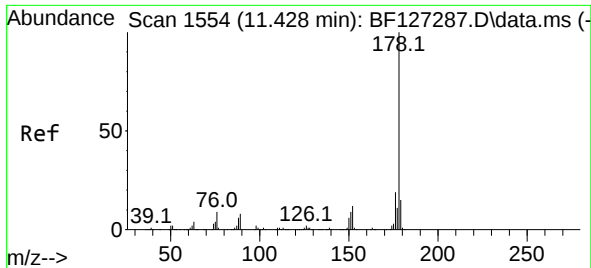


#70
 Pentachlorophenol
 Concen: 88.478 ng
 RT: 11.210 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: BF127328.D
 Acq: 15 Mar 2022 17:06



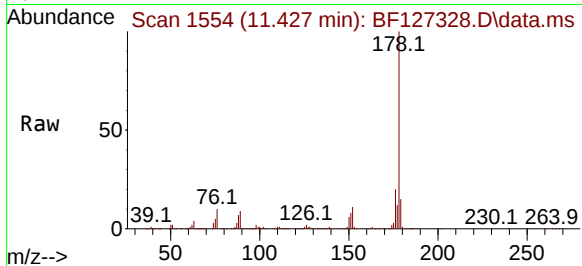
Tgt Ion:266 Resp: 198585
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.3 78.5
 264 63.8 50.4 75.6





#71
Phenanthrene
Concen: 39.990 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

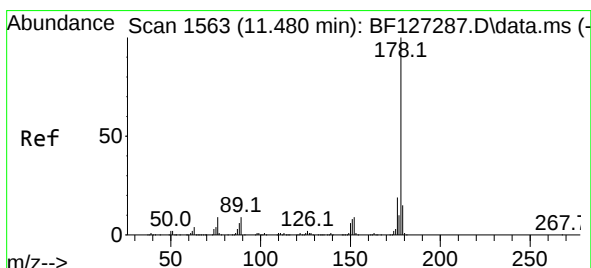
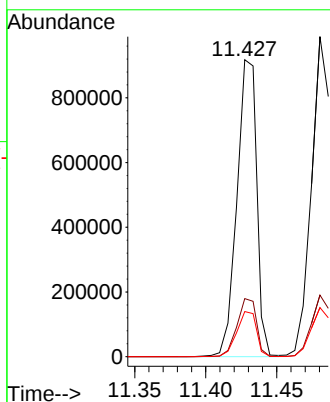
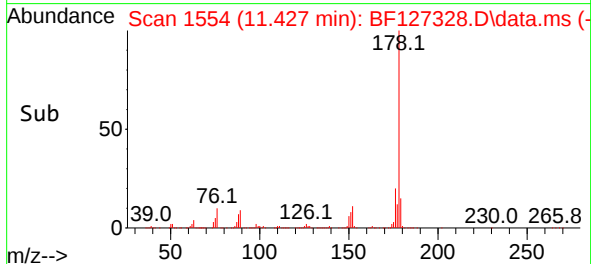
Instrument :
BNA_F
ClientSampleId :
PB143311BS



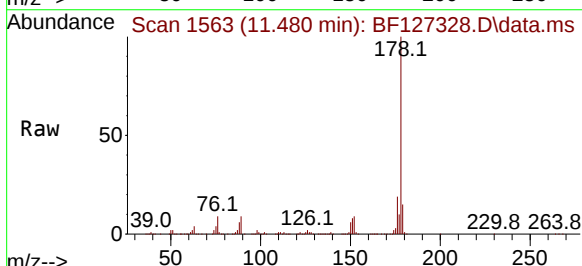
Tgt Ion:178 Resp: 89325
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.2 12.3 18.5

Manual Integrations
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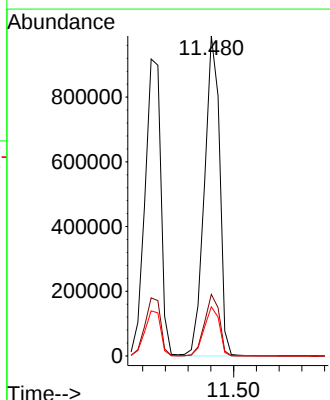
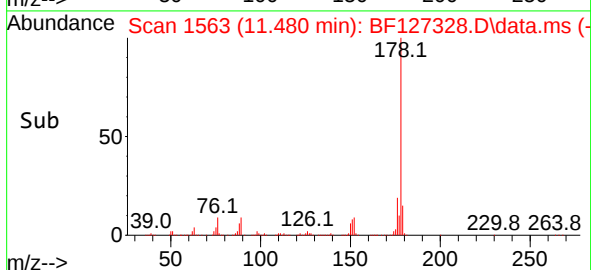
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

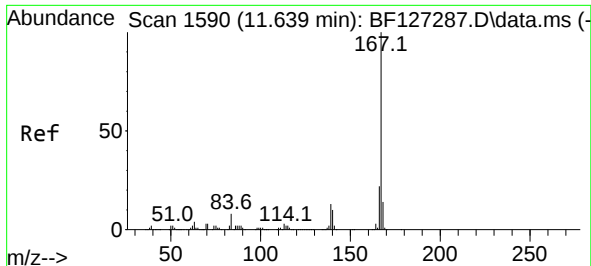


#72
Anthracene
Concen: 41.374 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



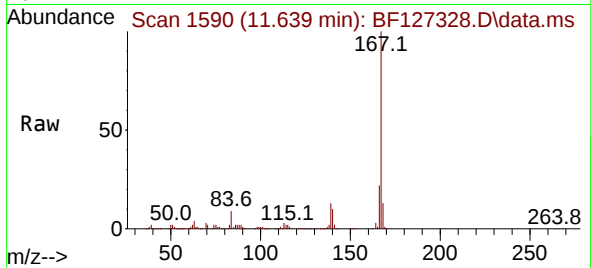
Tgt Ion:178 Resp: 915241
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 38.501 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127328.D
 Acq: 15 Mar 2022 17:06

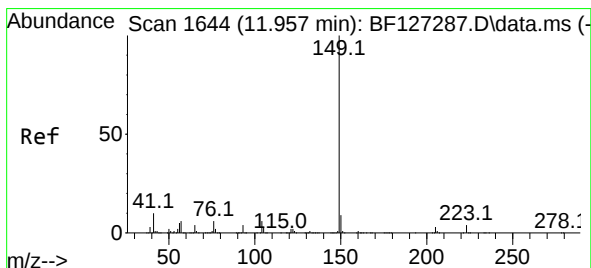
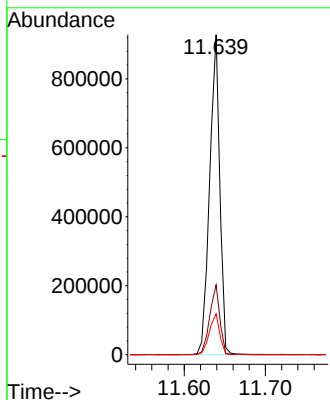
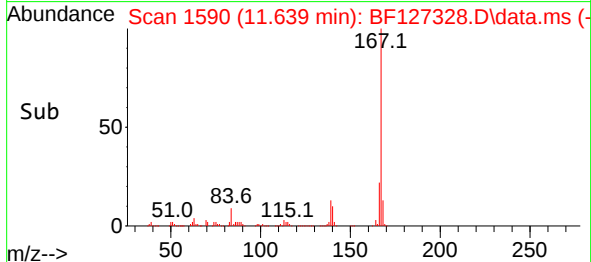
Instrument :
 BNA_F
 ClientSampleId :
 PB143311BS



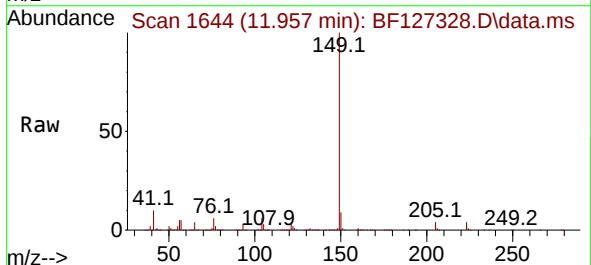
Tgt Ion:167 Resp: 80203
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.9 25.3
 139 12.8 11.3 16.9

Manual Integrations
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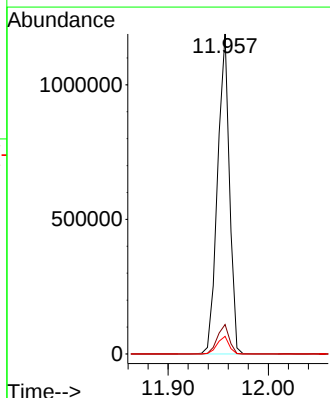
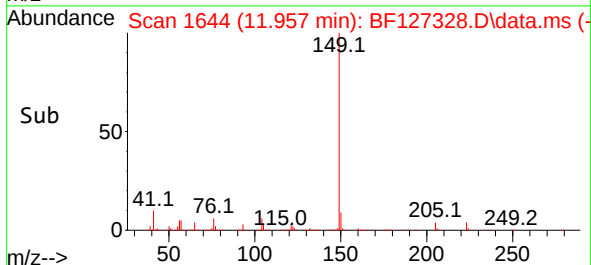
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

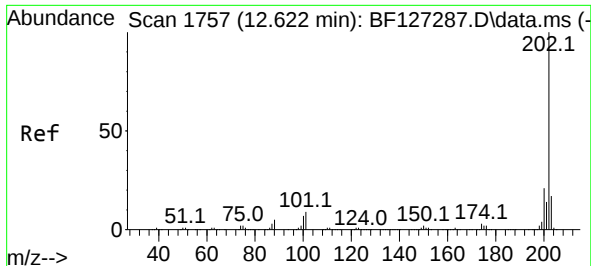


#74
 Di-n-butylphthalate
 Concen: 40.170 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127328.D
 Acq: 15 Mar 2022 17:06



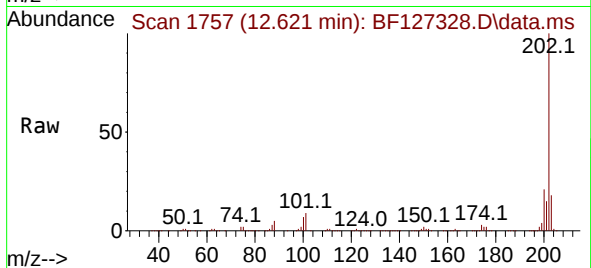
Tgt Ion:149 Resp: 978778
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.5 4.2 6.2





#75
Fluoranthene
Concen: 39.737 ng
RT: 12.621 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

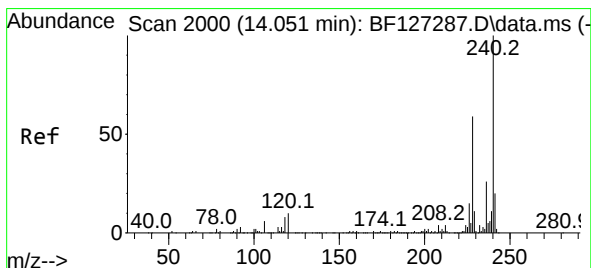
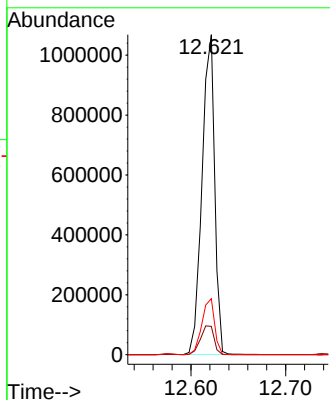
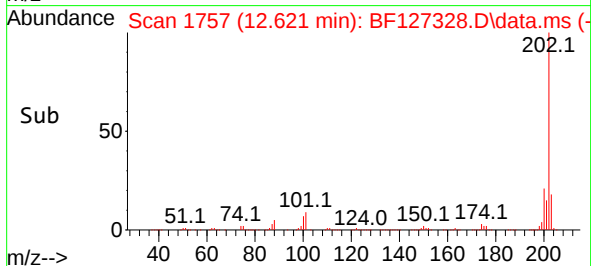
Instrument :
BNA_F
ClientSampleId :
PB143311BS



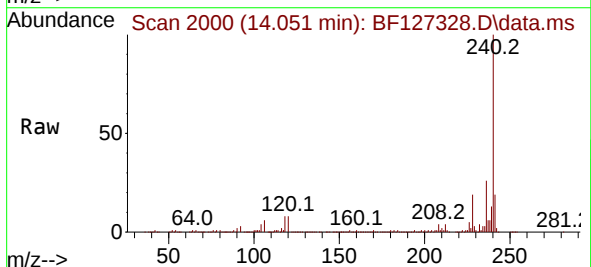
Tgt Ion:202 Resp: 99244
Ion Ratio Lower Upper
202 100
101 8.9 0.0 35.7
203 17.5 0.0 37.1

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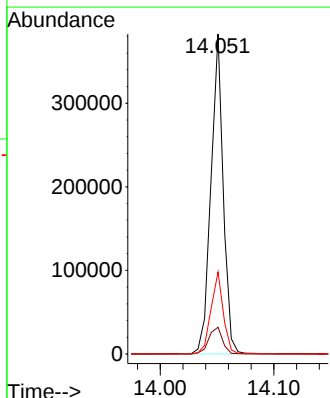
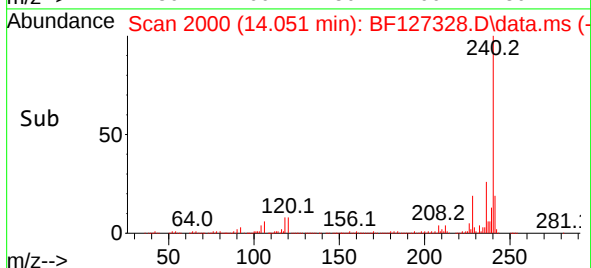
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

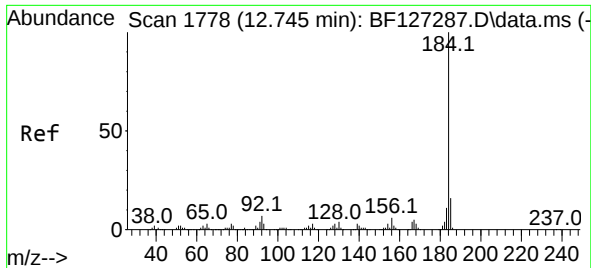


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



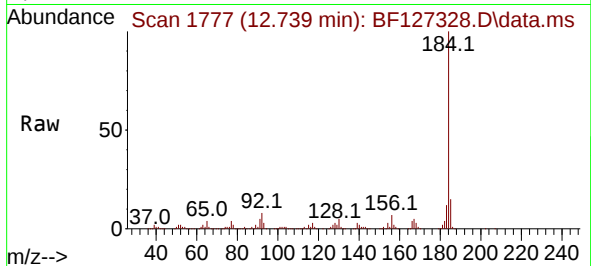
Tgt Ion:240 Resp: 287761
Ion Ratio Lower Upper
240 100
120 8.4 14.4 21.6#
236 25.7 20.5 30.7





#77
Benzidine
Concen: 53.534 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

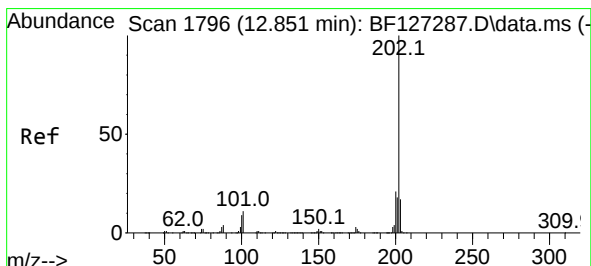
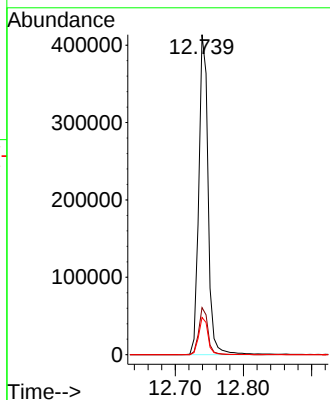
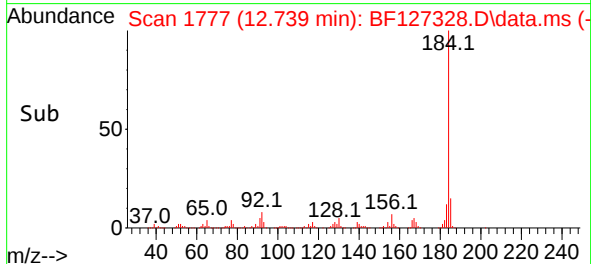
Instrument :
BNA_F
ClientSampleId :
PB143311BS



Tgt Ion:184 Resp: 391744
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 11.6 8.2 12.2

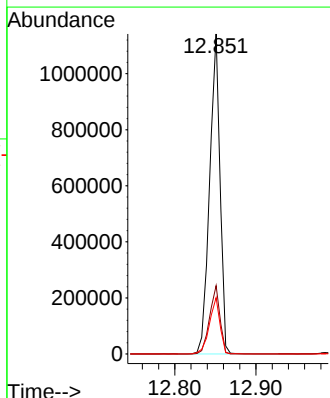
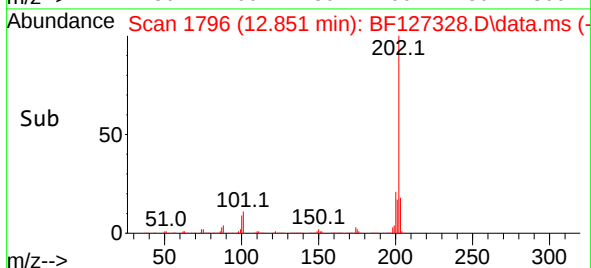
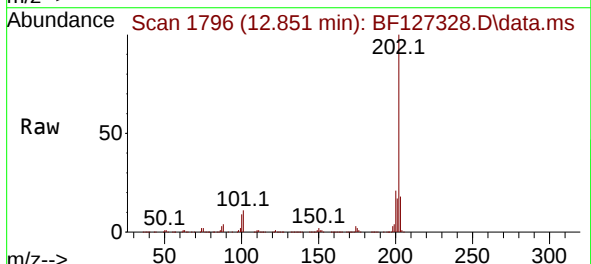
Manual Integrations
APPROVED

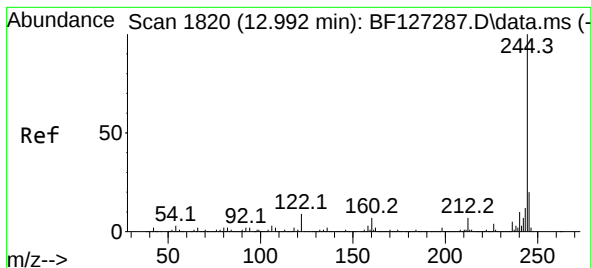
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#78
Pyrene
Concen: 45.083 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Tgt Ion:202 Resp: 1010481
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 88.386 ng

RT: 12.992 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF127328.D

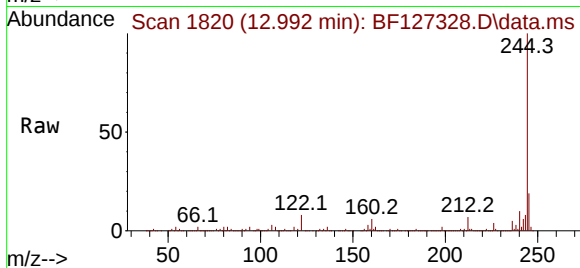
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS



Tgt Ion:244 Resp: 1477048

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

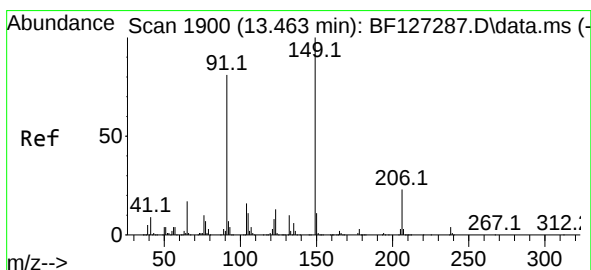
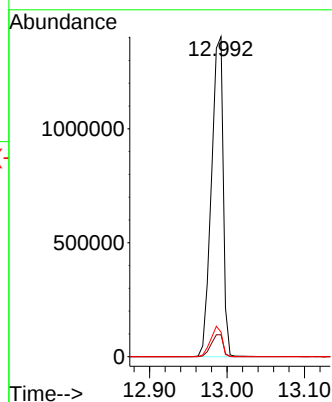
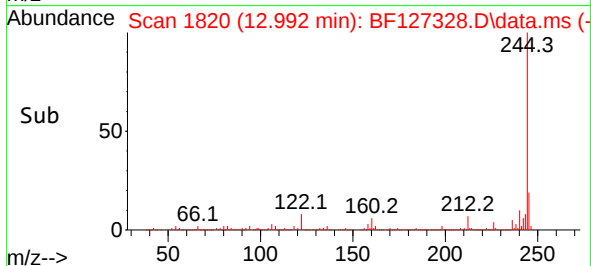
122 7.7 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#80

Butylbenzylphthalate

Concen: 43.991 ng

RT: 13.457 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

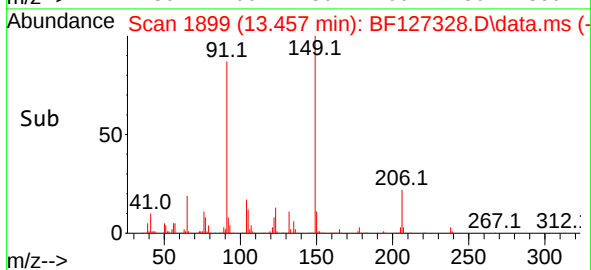
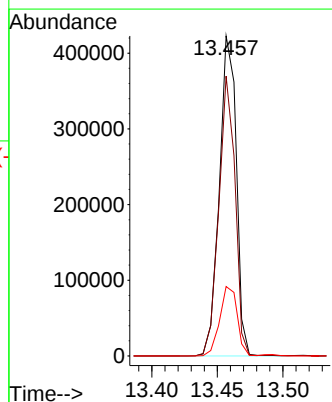
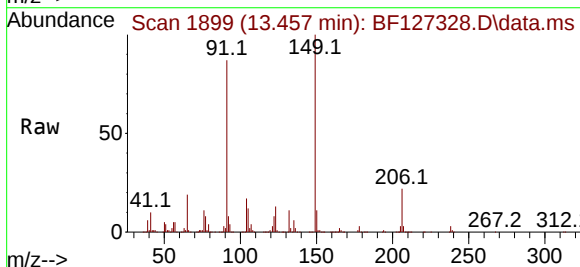
Tgt Ion:149 Resp: 379471

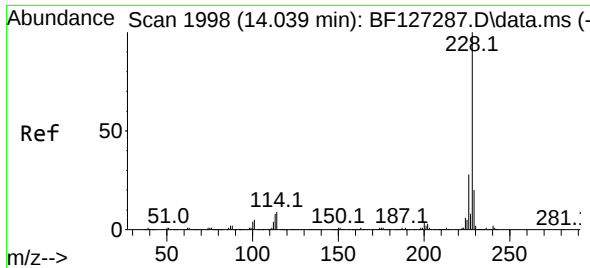
Ion Ratio Lower Upper

149 100

91 87.5 70.5 105.7

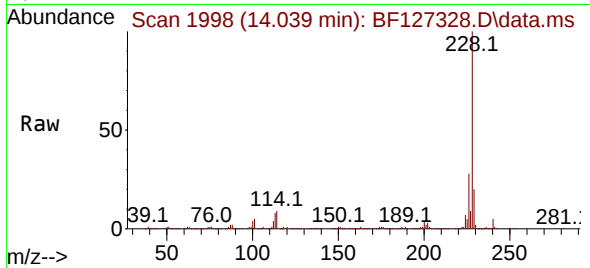
206 21.7 12.6 19.0





#81
Benzo(a)anthracene
Concen: 42.873 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

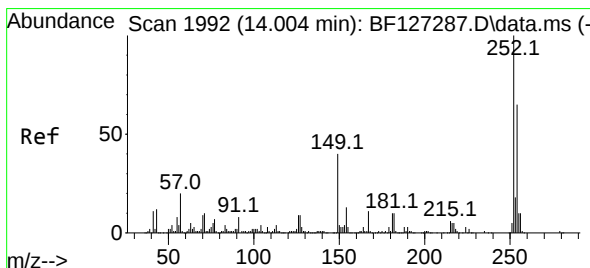
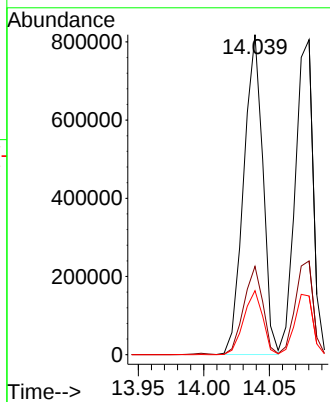
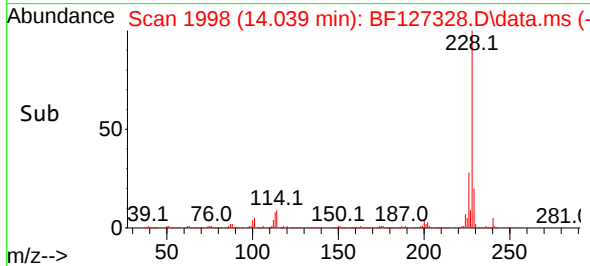
Instrument :
BNA_F
ClientSampleId :
PB143311BS



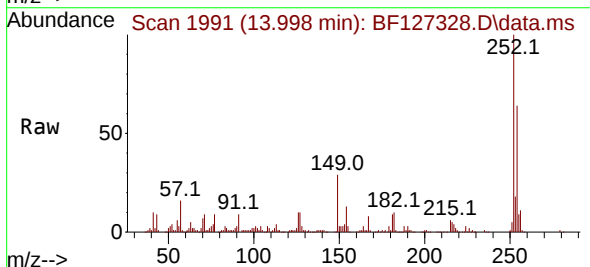
Tgt Ion:228 Resp: 83069
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.0 15.4 23.2

Manual Integrations
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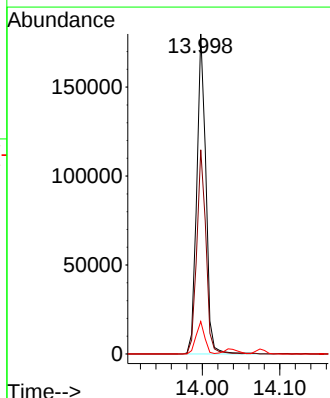
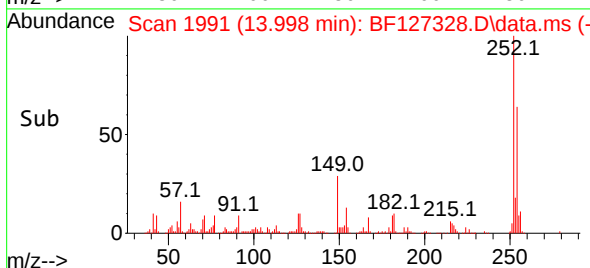
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

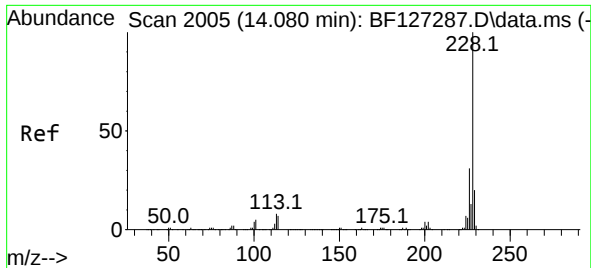


#82
3,3'-Dichlorobenzidine
Concen: 24.457 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:252 Resp: 147342
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.4
126 10.1 13.4 20.0#





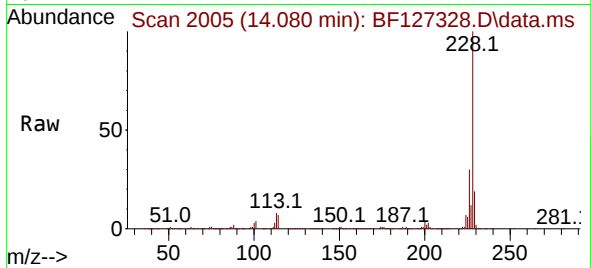
#83
Chrysene
Concen: 42.546 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

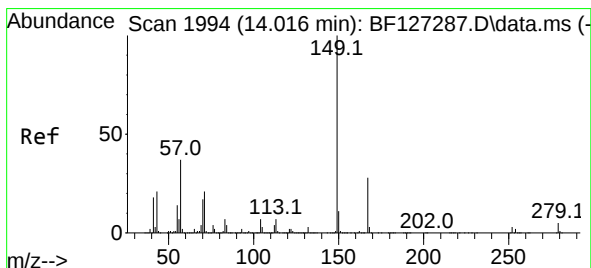
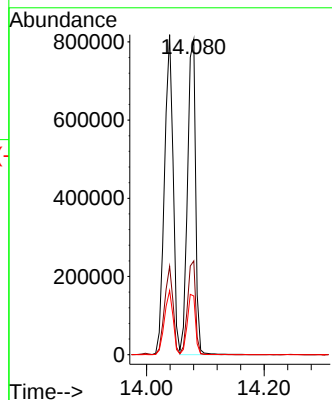
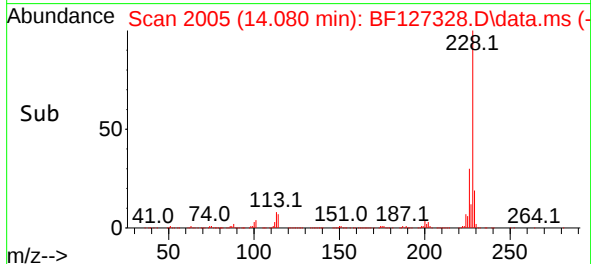


Tgt Ion:228 Resp: 766749
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 18.6 15.5 23.3

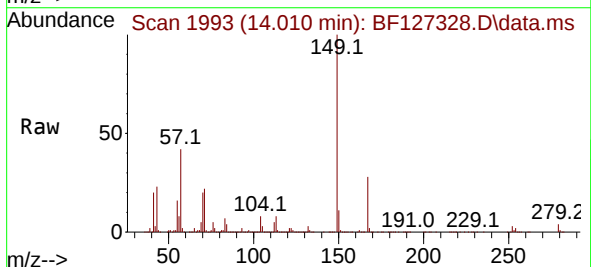
Manual Integrations

APPROVED

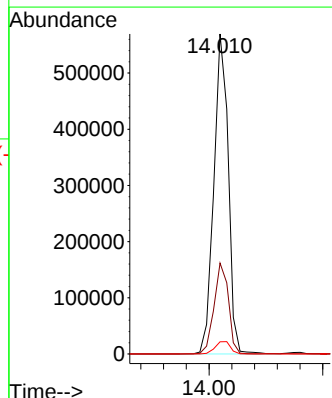
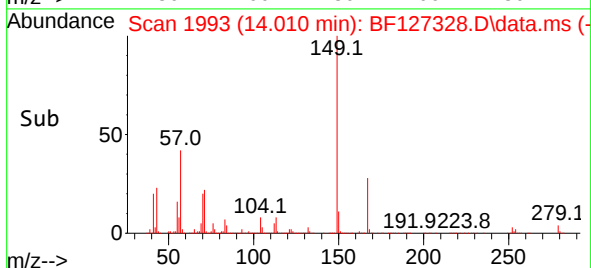
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

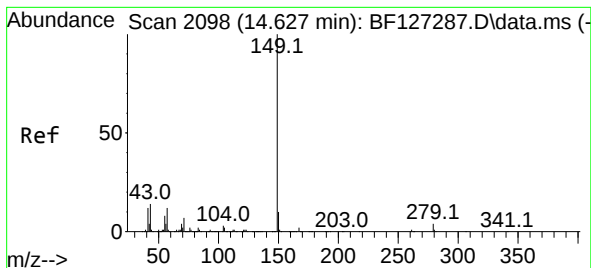


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.211 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127328.D
Acq: 15 Mar 2022 17:06



Tgt Ion:149 Resp: 501763
Ion Ratio Lower Upper
149 100
167 28.4 21.4 32.2
279 3.8 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 42.427 ng

RT: 14.627 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:149 Resp: 74567

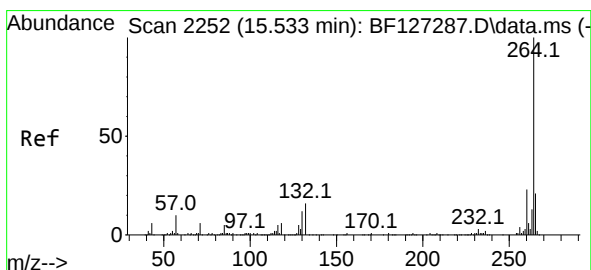
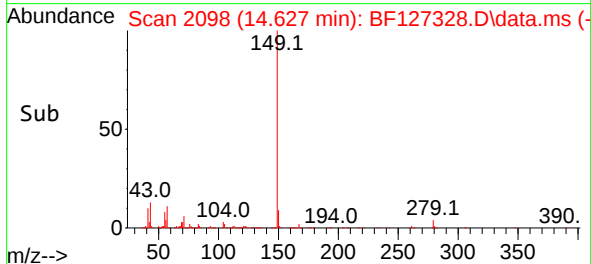
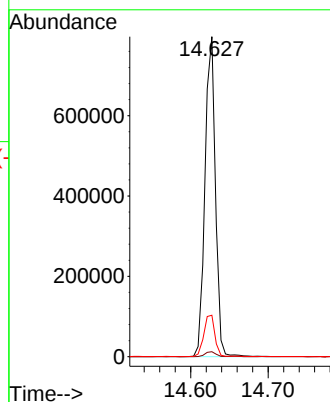
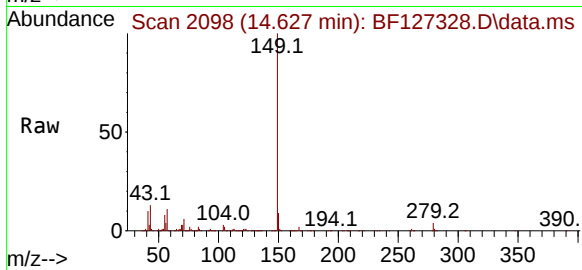
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	13.8	9.9	14.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

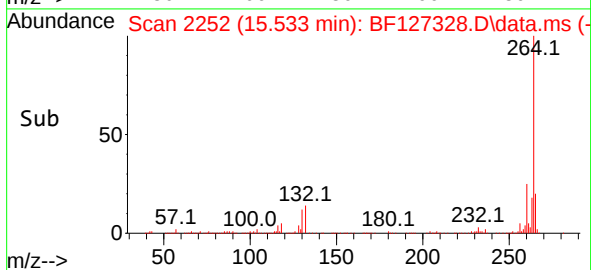
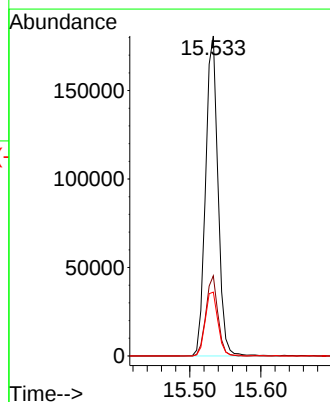
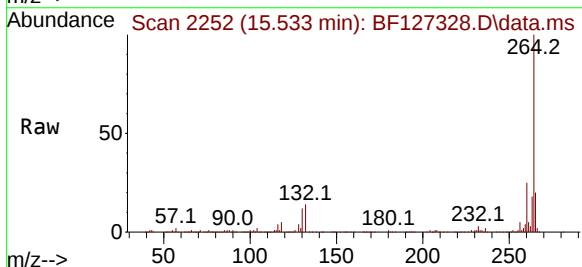
Delta R.T. -0.000 min

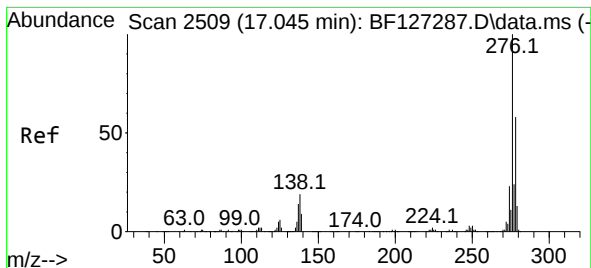
Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Tgt Ion:264 Resp: 220352

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	20.0	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.298 ng

RT: 17.039 min Scan# 2178

Delta R.T. -0.006 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:276 Resp: 574750

Ion Ratio Lower Upper

276 100

138 21.9 29.2 43.8

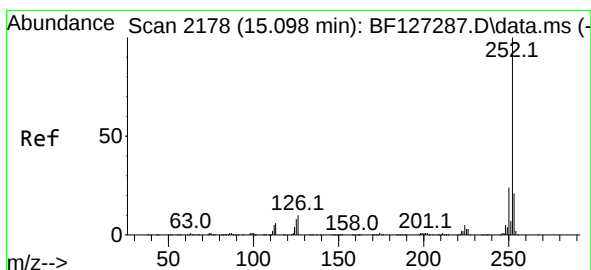
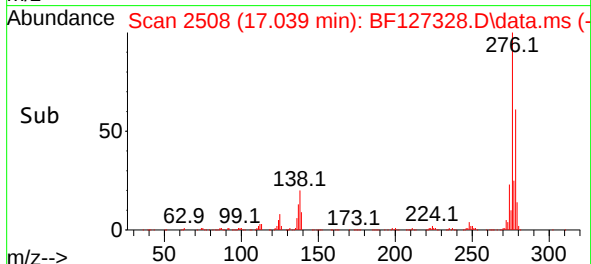
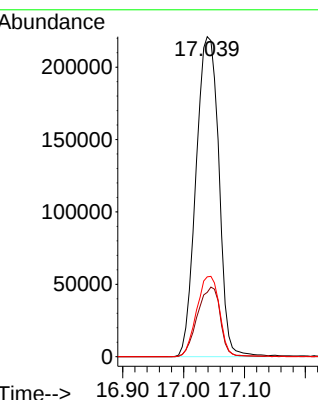
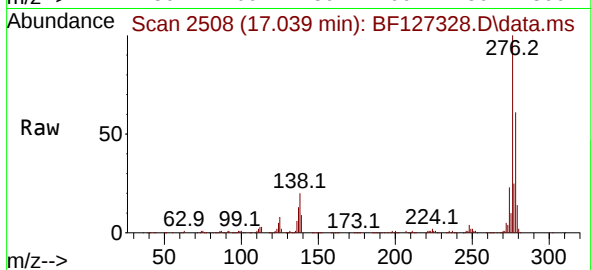
277 25.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#88

Benzo(b)fluoranthene

Concen: 43.606 ng

RT: 15.098 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

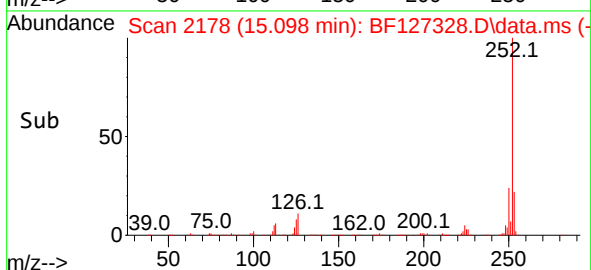
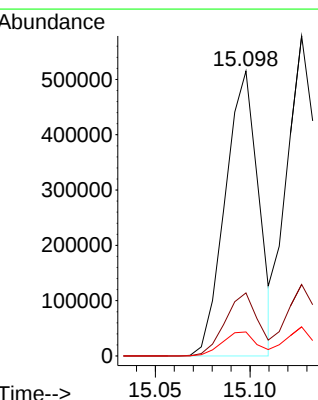
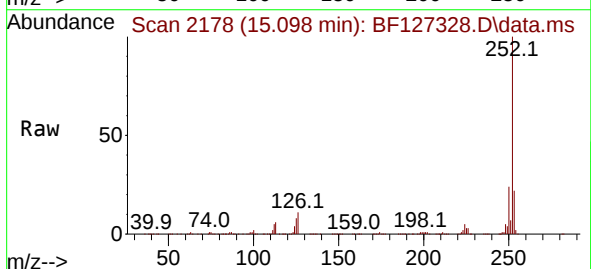
Tgt Ion:252 Resp: 630711

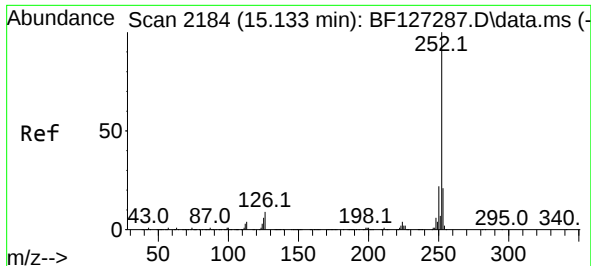
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.4 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 45.093 ng

RT: 15.127 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:252 Resp: 61325

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

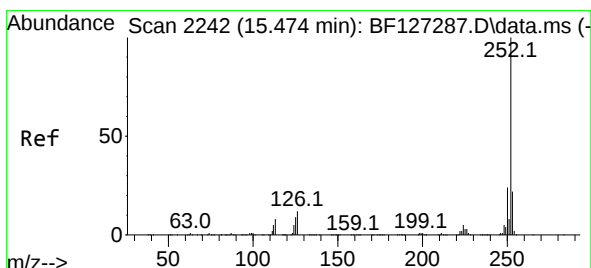
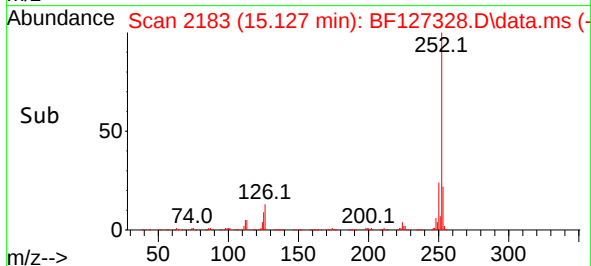
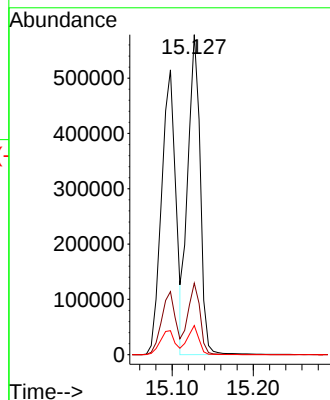
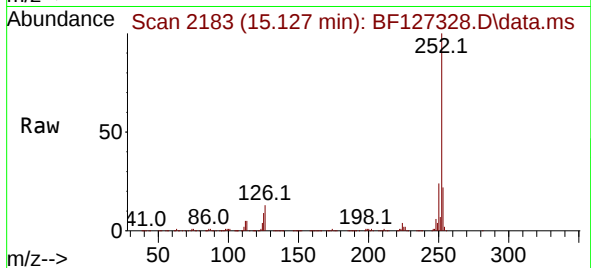
125 9.1 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#90

Benzo(a)pyrene

Concen: 50.891 ng

RT: 15.474 min Scan# 2242

Delta R.T. -0.000 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

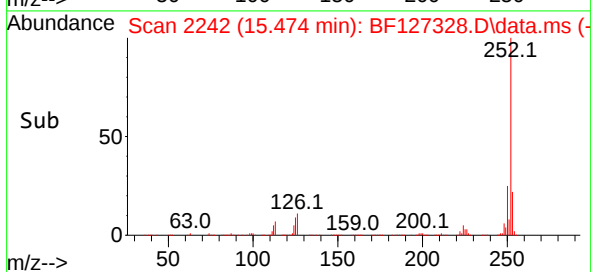
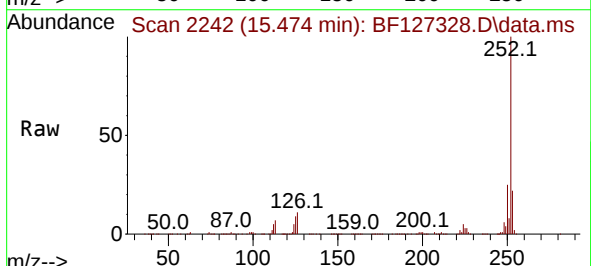
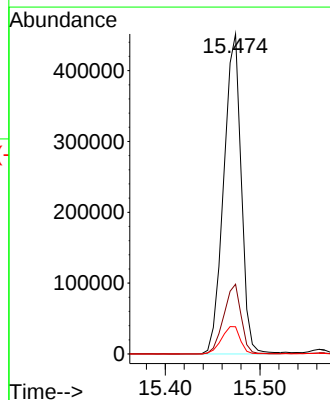
Tgt Ion:252 Resp: 579634

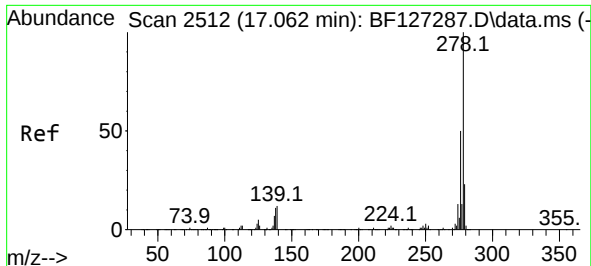
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 8.5 13.0 19.6#





#91

Dibenzo(a,h)anthracene

Concen: 45.562 ng

RT: 17.056 min Scan# 2511

Delta R.T. -0.006 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Instrument :

BNA_F

ClientSampleId :

PB143311BS

Tgt Ion:278 Resp: 503369

Ion Ratio Lower Upper

278 100

139 12.8 18.0 27.0

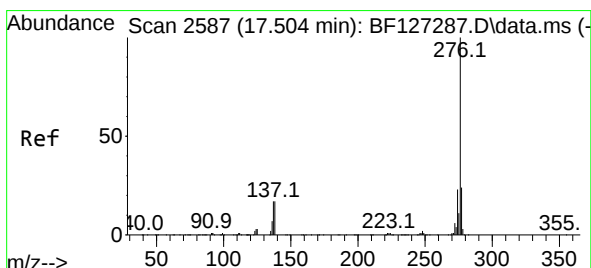
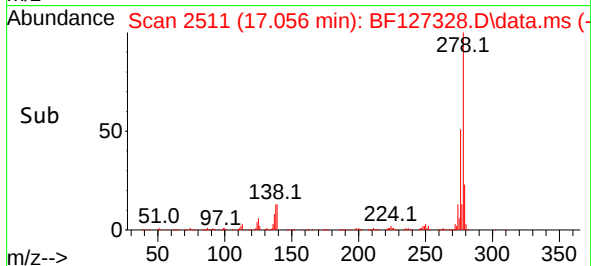
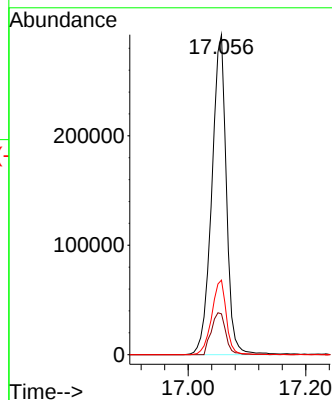
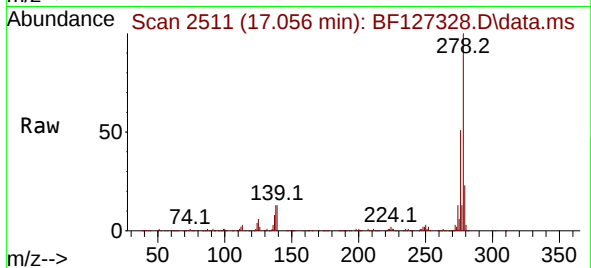
279 23.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#92

Benzo(g,h,i)perylene

Concen: 46.875 ng

RT: 17.498 min Scan# 2586

Delta R.T. -0.006 min

Lab File: BF127328.D

Acq: 15 Mar 2022 17:06

Tgt Ion:276 Resp: 505166

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 19.1 25.9 38.9

