

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127335.D
 Acq On : 15 Mar 2022 20:41
 Operator : CG\JU
 Sample : N1948-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MS

Quant Time: Mar 16 05:30:48 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	93940	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	362484	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	220479	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	387387	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	211944	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	218419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	581262	99.469	ng	0.00
7) Phenol-d6	6.504	99	829816	103.226	ng	0.00
23) Nitrobenzene-d5	7.439	82	585914	66.754	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	214532	90.389	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1013056	64.961	ng	0.00
79) Terphenyl-d14	12.986	244	969551	78.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	107440	35.459	ng	# 82
3) Pyridine	3.481	79	292075	36.224	ng	# 73
4) n-Nitrosodimethylamine	3.457	42	191113	42.781	ng	# 63
6) Aniline	6.534	93	343170	35.721	ng	94
8) 2-Chlorophenol	6.657	128	300845	49.765	ng	96
9) Benzaldehyde	6.422	77	193202	49.088	ng	93
10) Phenol	6.522	94	429366	48.622	ng	82
11) bis(2-Chloroethyl)ether	6.604	93	320750	48.911	ng	92
12) 1,3-Dichlorobenzene	6.810	146	317228	46.748	ng	99
13) 1,4-Dichlorobenzene	6.886	146	322323	47.347	ng	98
14) 1,2-Dichlorobenzene	7.034	146	307490	47.992	ng	98
15) Benzyl Alcohol	7.016	79	302207	50.156	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.139	45	571520	46.440	ng	98
17) 2-Methylphenol	7.128	107	253660	49.357	ng	# 89
18) Hexachloroethane	7.375	117	122596	46.881	ng	# 81
19) n-Nitroso-di-n-propyla...	7.286	70	239707	47.784	ng	92
20) 3+4-Methylphenols	7.281	107	299169	44.887	ng	# 83
22) Acetophenone	7.281	105	408743	41.185	ng	# 82
24) Nitrobenzene	7.457	77	374206	45.076	ng	96
25) Isophorone	7.692	82	702826	49.798	ng	# 97
26) 2-Nitrophenol	7.769	139	159952	46.526	ng	# 73
27) 2,4-Dimethylphenol	7.804	122	275487	53.379	ng	92
28) bis(2-Chloroethoxy)met...	7.898	93	412982	46.181	ng	99
29) 2,4-Dichlorophenol	8.016	162	273013	46.192	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	297869	44.207	ng	99
31) Naphthalene	8.175	128	866227	44.798	ng	99
32) Benzoic acid	7.916	122	38716m	15.927	ng	
33) 4-Chloroaniline	8.222	127	119040	15.883	ng	# 92
34) Hexachlorobutadiene	8.280	225	191026	42.514	ng	99
35) Caprolactam	8.610	113	81505m	46.161	ng	
36) 4-Chloro-3-methylphenol	8.716	107	310066	48.403	ng	98
37) 2-Methylnaphthalene	8.869	142	589533	46.660	ng	98
38) 1-Methylnaphthalene	8.969	142	557097	45.865	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	304439	43.618	ng	# 95
41) Hexachlorocyclopentadiene	9.016	237	310286	104.568	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	195915	44.474	ng	97

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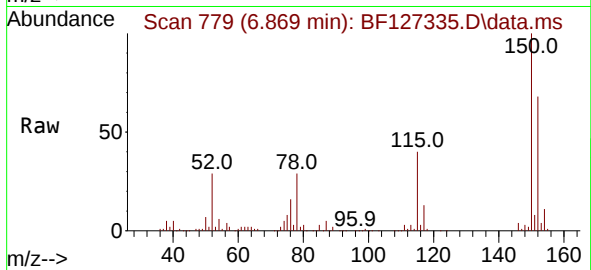
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	209443	44.798	ng	# 88
46) 1,1'-Biphenyl	9.333	154	729435	43.835	ng	98
47) 2-Chloronaphthalene	9.357	162	570465	44.040	ng	100
48) 2-Nitroaniline	9.463	65	225707	45.287	ng	95
49) Acenaphthylene	9.775	152	925199	46.673	ng	98
50) Dimethylphthalate	9.633	163	715325	45.277	ng	99
51) 2,6-Dinitrotoluene	9.704	165	151900	47.531	ng	91
52) Acenaphthene	9.945	154	520604	44.058	ng	96
53) 3-Nitroaniline	9.874	138	96544	27.722	ng	96
54) 2,4-Dinitrophenol	9.986	184	16832	12.944	ng	91
55) Dibenzofuran	10.122	168	773744	42.149	ng	99
56) 4-Nitrophenol	10.045	139	168579	79.640	ng	# 71
57) 2,4-Dinitrotoluene	10.110	165	189390	45.042	ng	# 90
58) Fluorene	10.463	166	624515	43.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	162364	41.789	ng	# 78
60) Diethylphthalate	10.333	149	643507	44.654	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	335192	43.451	ng	88
62) 4-Nitroaniline	10.492	138	140681	40.538	ng	# 78
63) Azobenzene	10.610	77	735484	44.398	ng	90
65) 4,6-Dinitro-2-methylph...	10.516	198	29178	12.216	ng	87
66) n-Nitrosodiphenylamine	10.574	169	543883	45.206	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	209721	44.910	ng	# 89
68) Hexachlorobenzene	11.010	284	225470	44.303	ng	# 87
69) Atrazine	11.104	200	205227	49.433	ng	95
70) Pentachlorophenol	11.210	266	125685	61.166	ng	98
71) Phenanthrene	11.427	178	884554	43.255	ng	100
72) Anthracene	11.480	178	906795	44.775	ng	100
73) Carbazole	11.639	167	752152	39.439	ng	98
74) Di-n-butylphthalate	11.957	149	951448	42.653	ng	99
75) Fluoranthene	12.616	202	864078	37.790	ng	93
77) Benzidine	12.739	184	264843	49.139	ng	98
78) Pyrene	12.851	202	838576	50.797	ng	99
80) Butylbenzylphthalate	13.457	149	305562	48.095	ng	# 97
81) Benzo(a)anthracene	14.039	228	647454	45.369	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	104603	23.574	ng	# 96
83) Chrysene	14.074	228	604524	45.544	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	427946	50.038	ng	# 98
85) Di-n-octyl phthalate	14.627	149	692927	53.530	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	685727	52.115	ng	# 85
88) Benzo(b)fluoranthene	15.098	252	623930	43.519	ng	# 92
89) Benzo(k)fluoranthene	15.127	252	618010	45.845	ng	# 94
90) Benzo(a)pyrene	15.474	252	622687	55.155	ng	# 93
91) Dibenzo(a,h)anthracene	17.062	278	612859	55.963	ng	# 89
92) Benzo(g,h,i)perylene	17.503	276	579870	54.283	ng	# 85

(#) = 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: BF127335.D
Acq: 15 Mar 2022 20:41

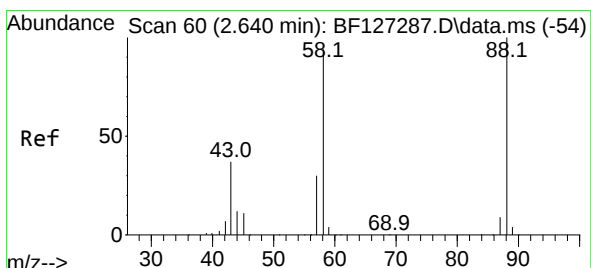
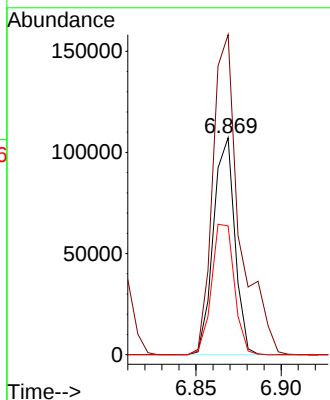
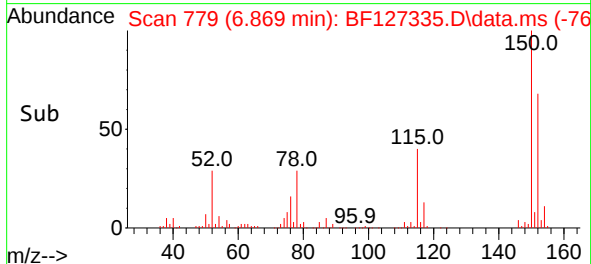
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:152 Resp: 93940
Ion Ratio Lower Upper
152 100
150 147.5 128.1 192.1
115 59.4 56.7 85.1

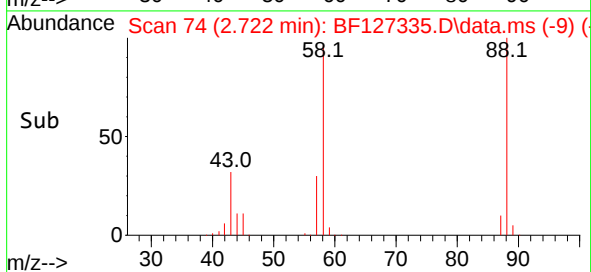
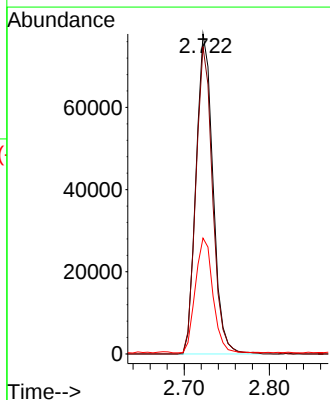
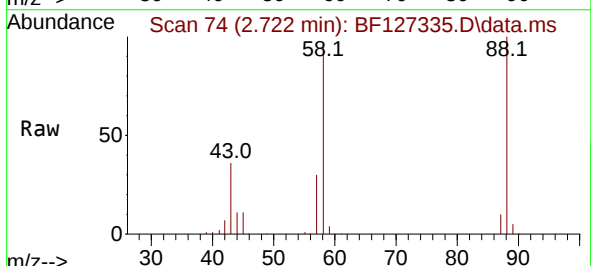
Manual Integrations
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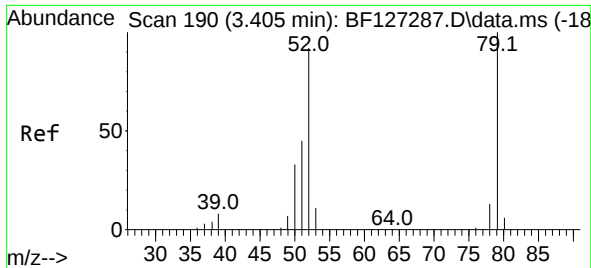
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#2
1,4-Dioxane
Concen: 35.459 ng
RT: 2.722 min Scan# 74
Delta R.T. 0.082 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion: 88 Resp: 107440
Ion Ratio Lower Upper
88 100
58 94.5 62.8 94.2#
43 37.3 22.3 33.5#





#3
Pyridine
Concen: 36.224 ng
RT: 3.481 min Scan# 20
Delta R.T. 0.076 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

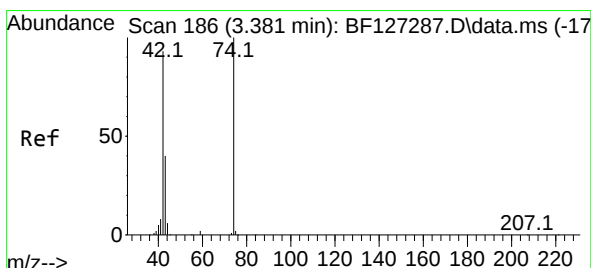
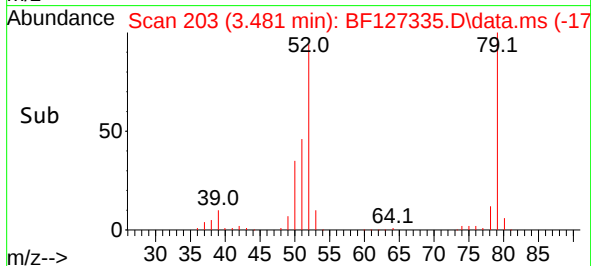
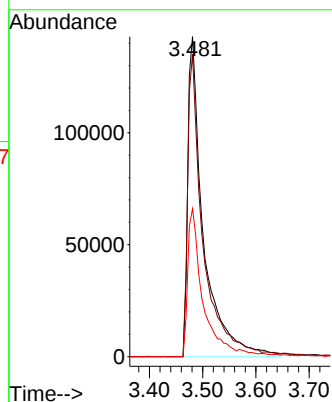
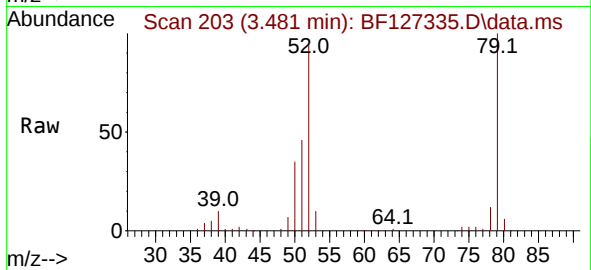
COMP-5MS

Tgt Ion: 79 Resp: 292075
Ion Ratio Lower Upper
79 100
52 94.4 56.2 84.4
51 46.2 26.7 40.1

Manual Integrations

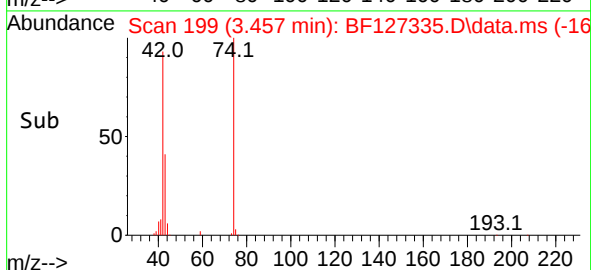
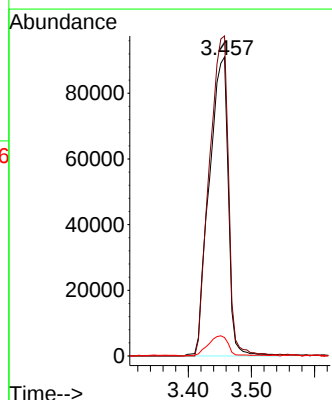
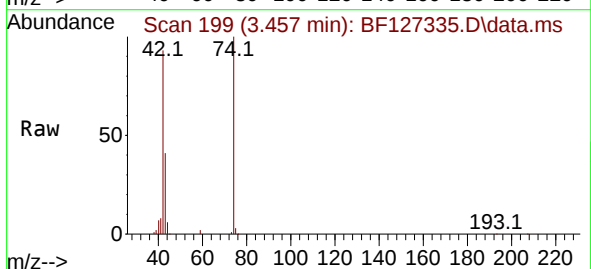
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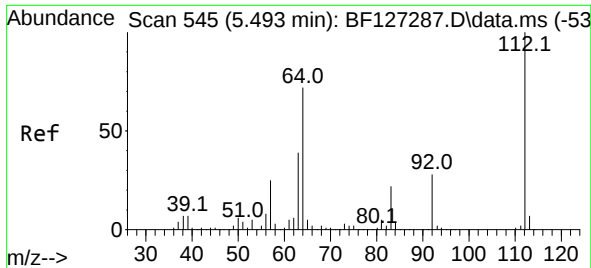
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#4
n-Nitrosodimethylamine
Concen: 42.781 ng
RT: 3.457 min Scan# 199
Delta R.T. 0.076 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion: 42 Resp: 191113
Ion Ratio Lower Upper
42 100
74 107.1 125.6 188.4
44 6.2 5.7 8.5





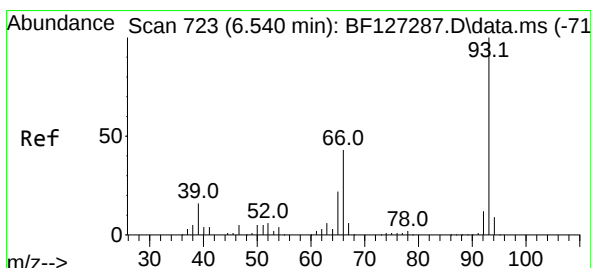
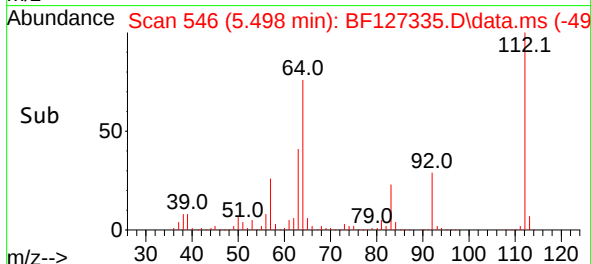
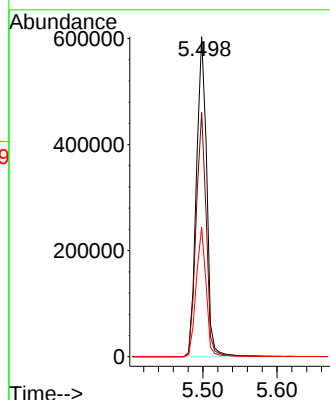
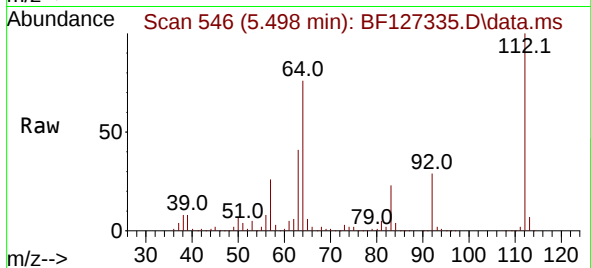
#5
2-Fluorophenol
Concen: 99.469 ng
RT: 5.498 min Scan# 545
Delta R.T. 0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Instrument :
BNA_F
ClientSampleId :
COMP-5MS

Tgt Ion:112 Resp: 581262
Ion Ratio Lower Upper
112 100
64 76.3 49.5 74.3
63 40.5 23.9 35.9

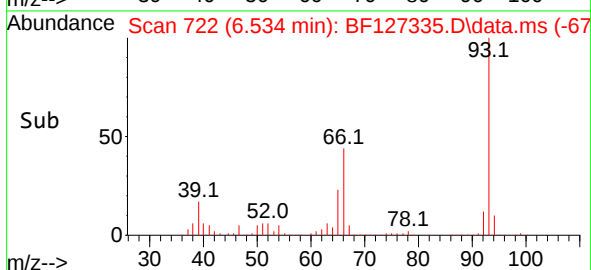
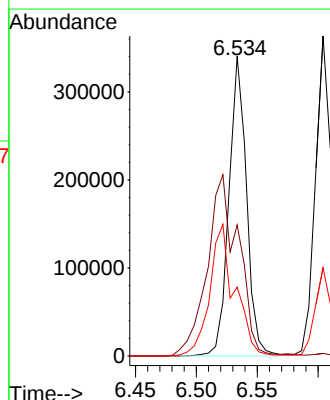
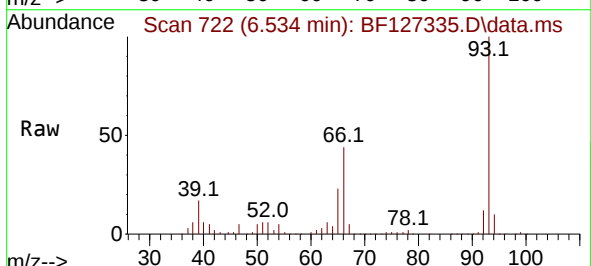
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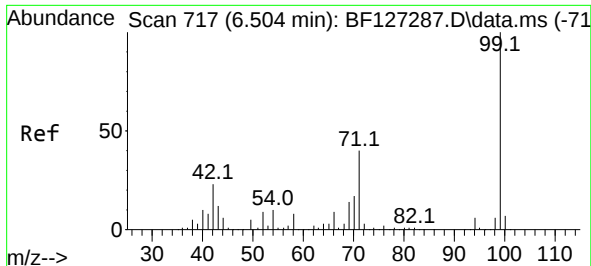
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#6
Aniline
Concen: 35.721 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

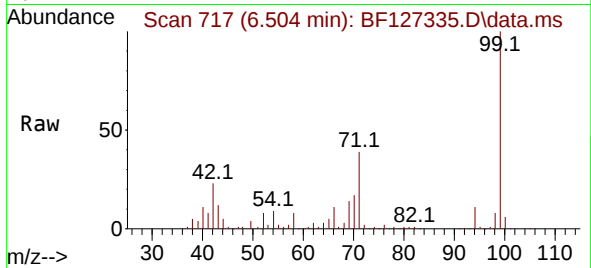
Tgt Ion: 93 Resp: 343170
Ion Ratio Lower Upper
93 100
66 43.7 32.2 48.4
65 23.0 16.3 24.5





#7
Phenol-d6
Concen: 103.226 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

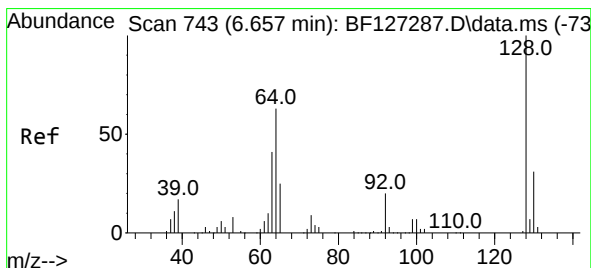
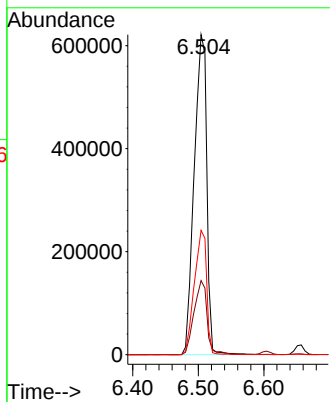
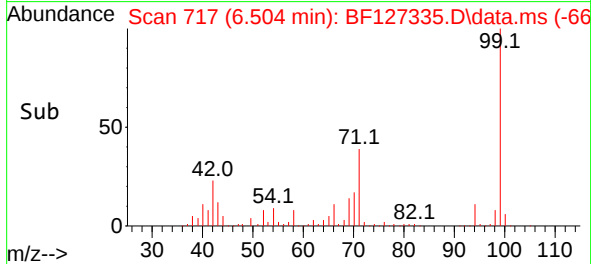
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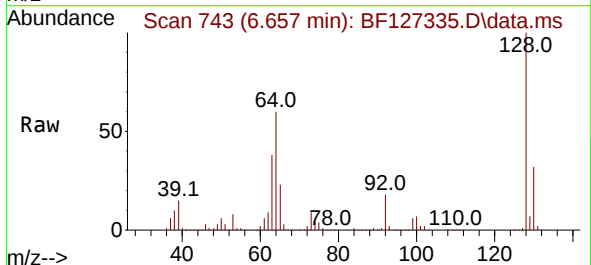
Tgt Ion: 99 Resp: 829810
Ion Ratio Lower Upper
99 100
42 23.2 14.2 21.4
71 38.8 24.3 36.5

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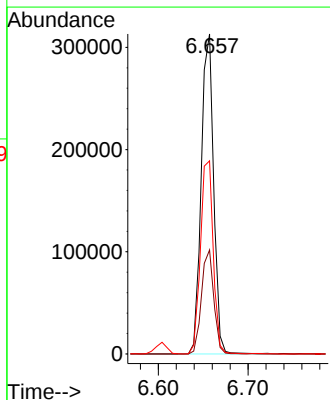
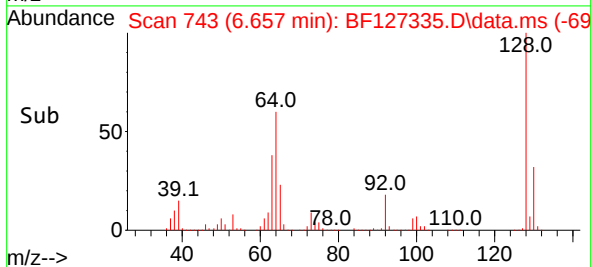
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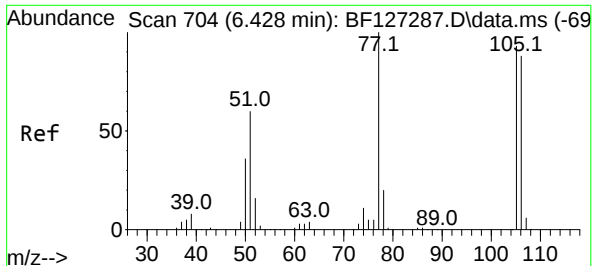


#8
2-Chlorophenol
Concen: 49.765 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



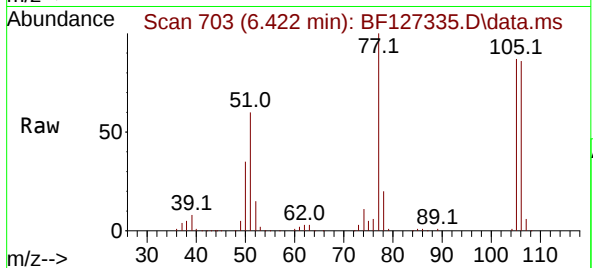
Tgt Ion:128 Resp: 300845
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 60.4 35.6 75.6





#9
Benzaldehyde
Concen: 49.088 ng
RT: 6.422 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

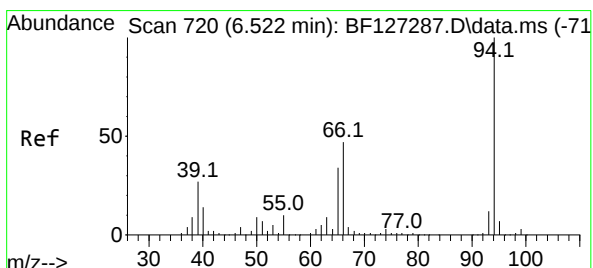
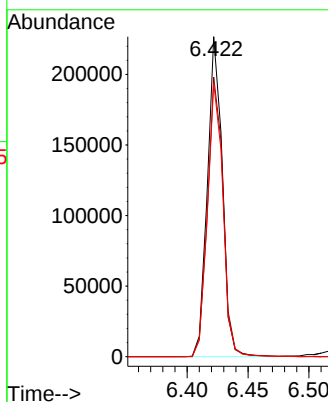
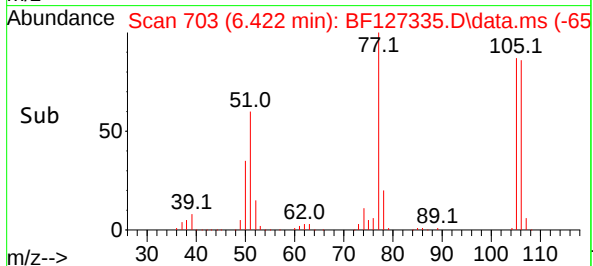
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion: 77 Resp: 19320
Ion Ratio Lower Upper
77 100
105 87.3 74.9 114.9
106 85.5 72.4 112.4

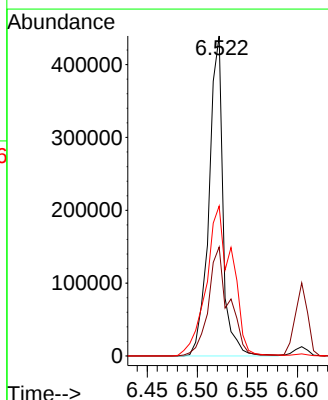
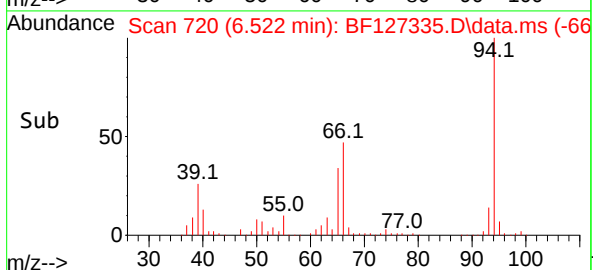
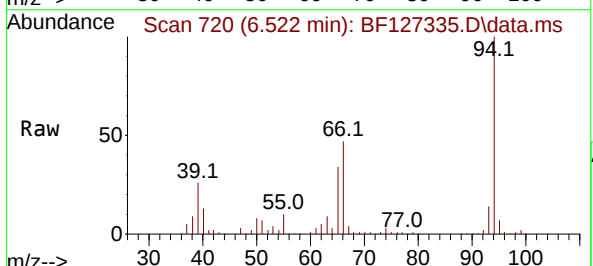
Manual Integrations
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#10
Phenol
Concen: 48.622 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion: 94 Resp: 429366
Ion Ratio Lower Upper
94 100
65 34.1 7.2 47.2
66 46.9 14.5 54.5





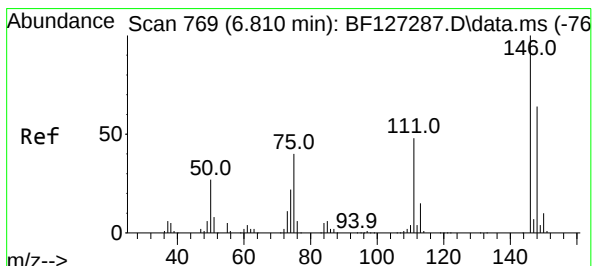
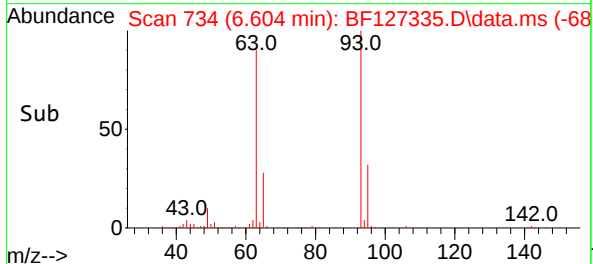
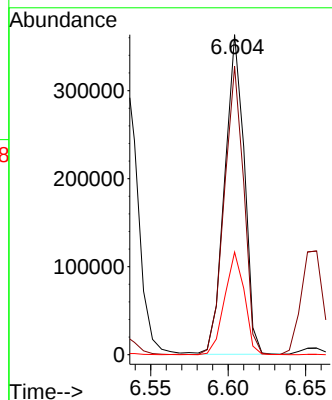
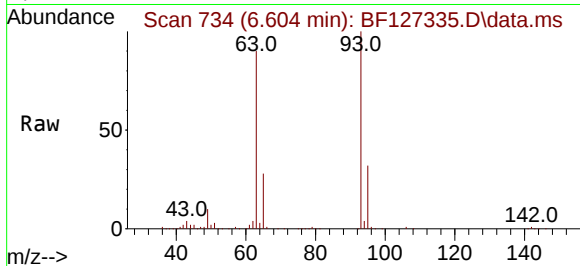
#11
bis(2-Chloroethyl)ether
Concen: 48.911 ng
RT: 6.604 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Instrument :
BNA_F
ClientSampleId :
COMP-5MS

Tgt Ion: 93 Resp: 320750
Ion Ratio Lower Upper
93 100
63 90.1 60.5 100.5
95 32.1 12.9 52.9

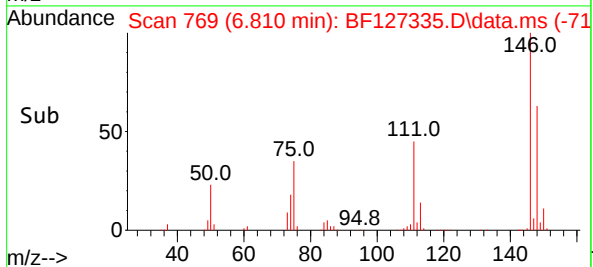
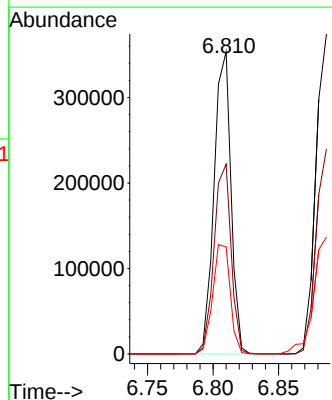
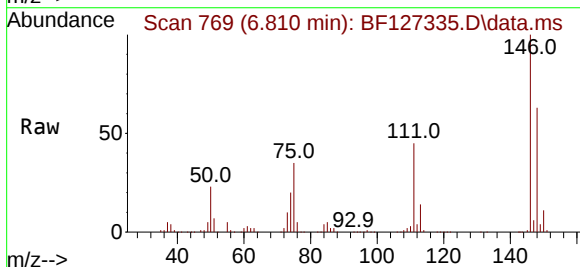
Manual Integrations
APPROVED

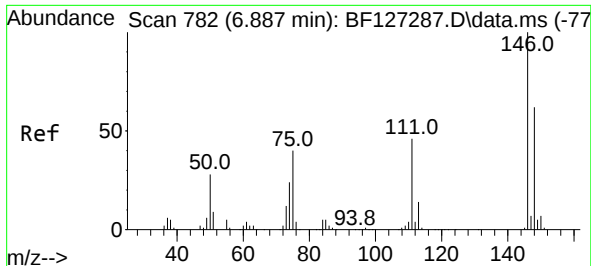
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#12
1,3-Dichlorobenzene
Concen: 46.748 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion:146 Resp: 317228
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
75 35.4 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 47.347 ng

RT: 6.886 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

Tgt Ion:146 Resp: 32232

Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

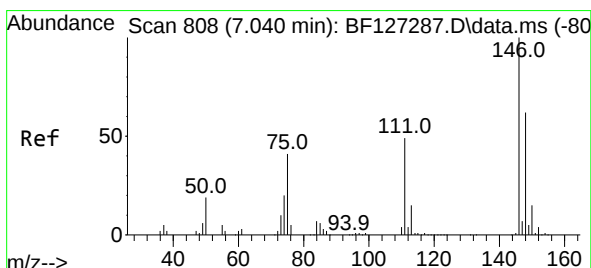
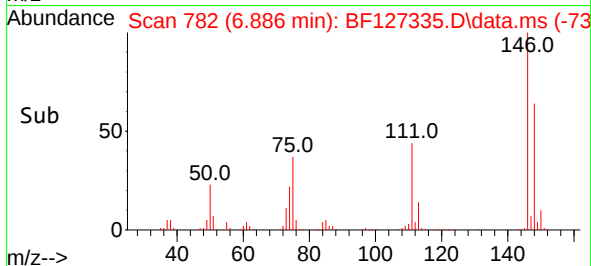
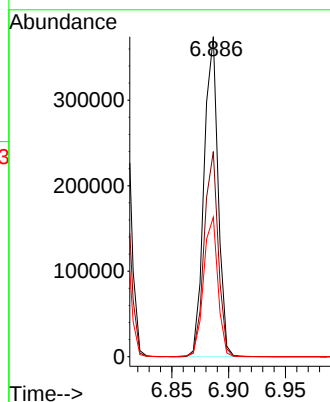
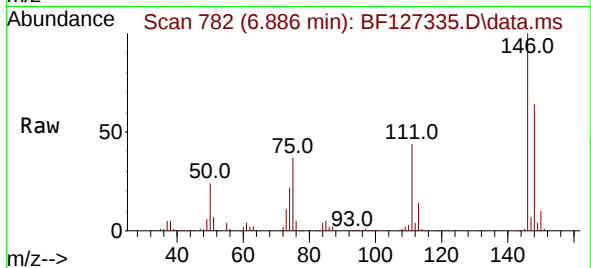
111 43.6 36.1 54.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#14

1,2-Dichlorobenzene

Concen: 47.992 ng

RT: 7.034 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

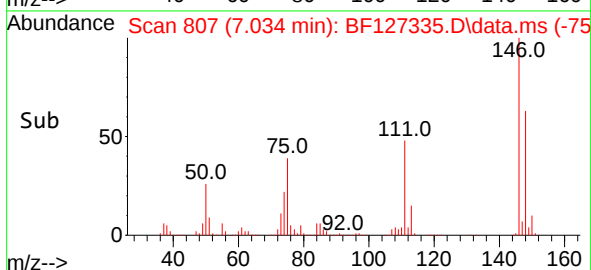
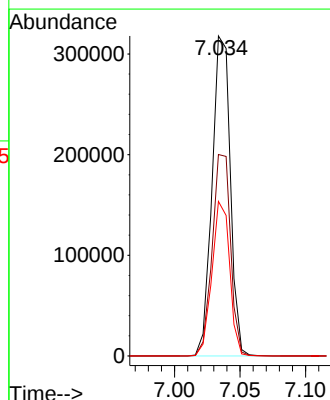
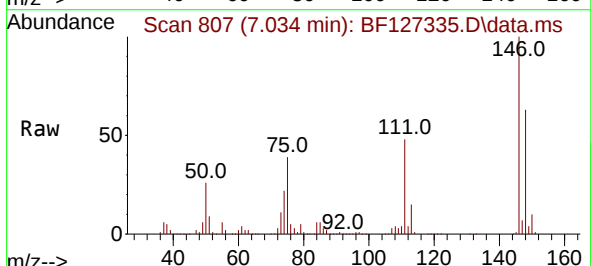
Tgt Ion:146 Resp: 307490

Ion Ratio Lower Upper

146 100

148 63.0 51.6 77.4

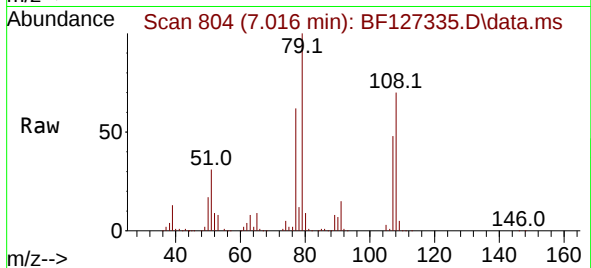
111 48.3 40.2 60.2





#15
Benzyl Alcohol
Concen: 50.156 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

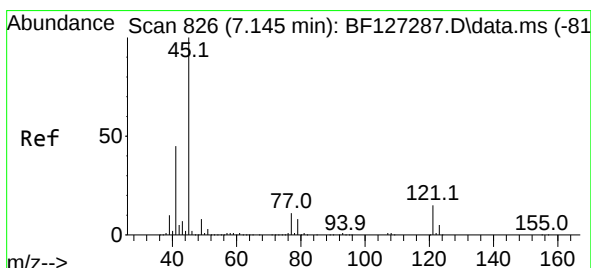
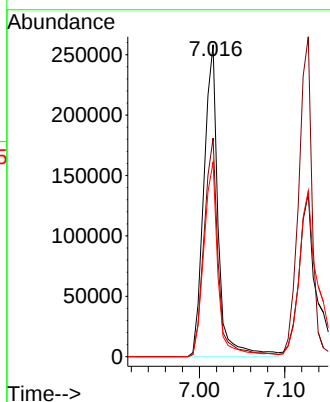
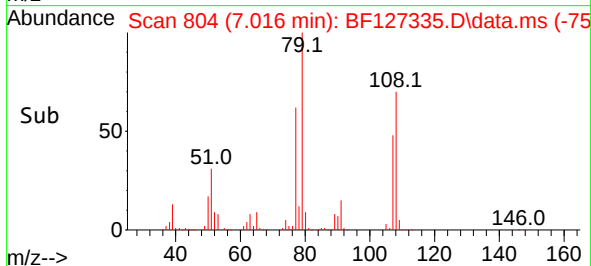
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion: 79 Resp: 30220
Ion Ratio Lower Upper
79 100
108 70.1 63.2 94.8
77 62.4 49.4 74.2

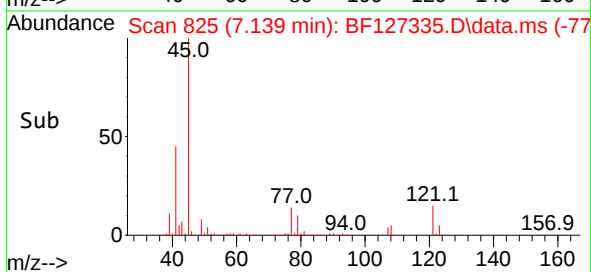
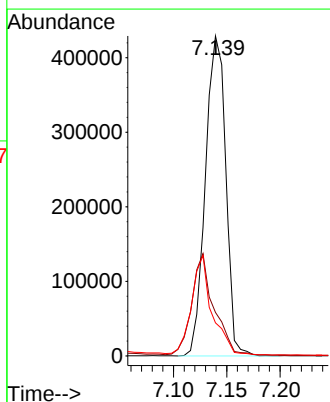
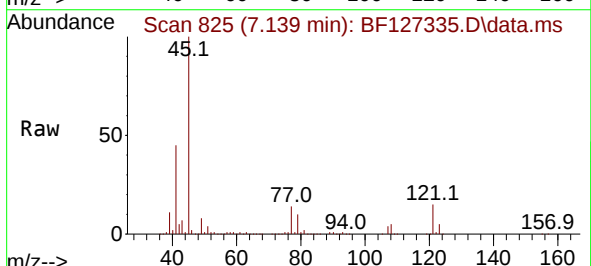
Manual Integrations
APPROVED

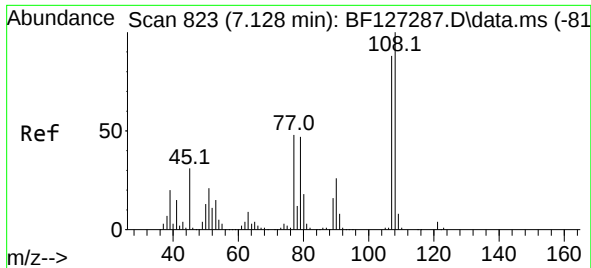
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.440 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

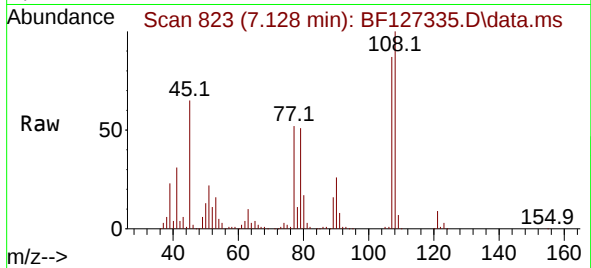
Tgt Ion: 45 Resp: 571520
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.4
79 10.3 0.0 29.8





#17
2-Methylphenol
Concen: 49.357 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

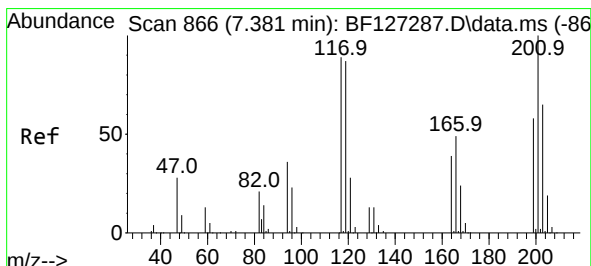
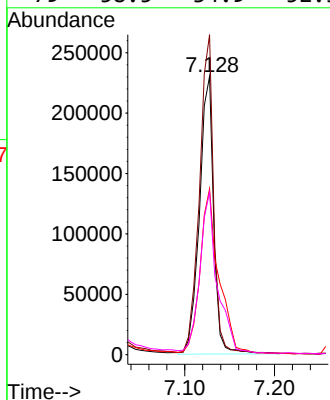
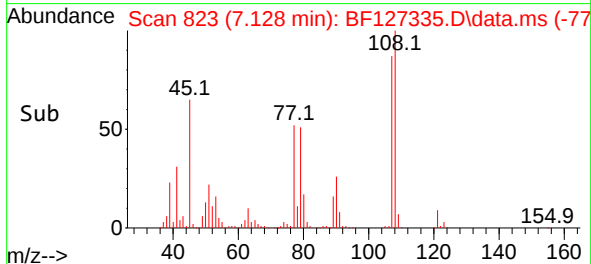
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:107 Resp: 253660
Ion Ratio Lower Upper
107 100
108 115.0 93.4 140.0
77 59.6 36.1 54.1
79 58.5 34.9 52.3#

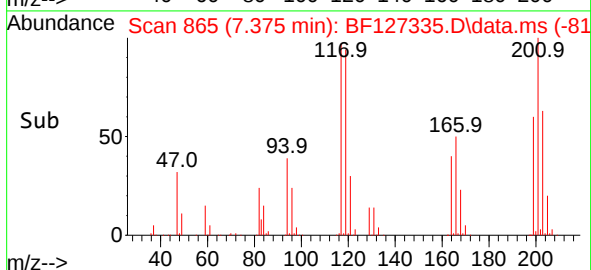
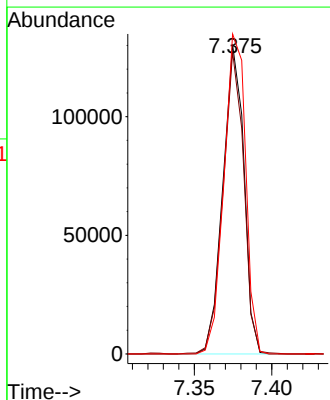
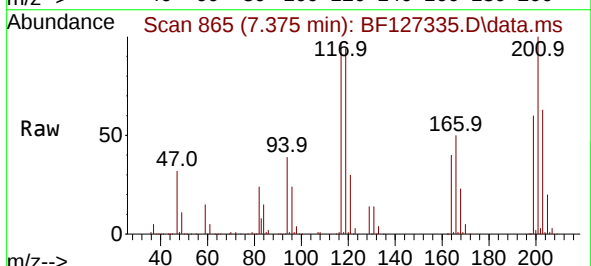
Manual Integrations
APPROVED

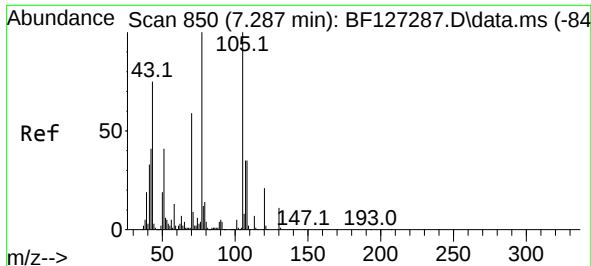
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#18
Hexachloroethane
Concen: 46.881 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

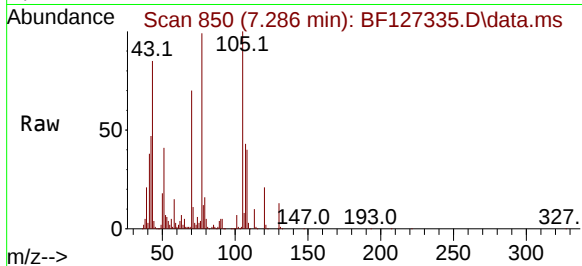
Tgt Ion:117 Resp: 122596
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.0
201 103.5 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 47.784 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

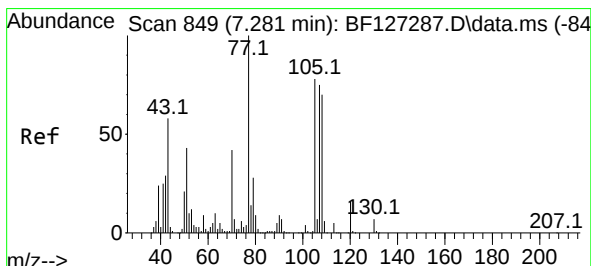
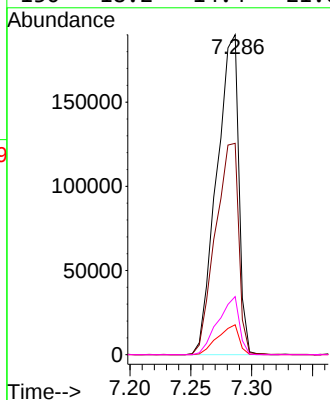
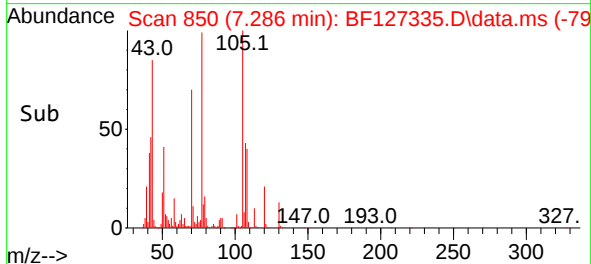
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



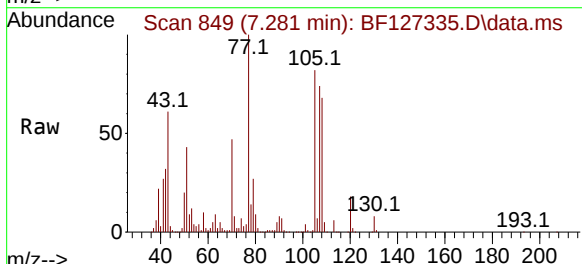
Tgt Ion: 70 Resp: 23970
Ion Ratio Lower Upper
70 100
42 66.0 45.8 68.8
101 9.4 6.9 10.3
130 18.2 14.4 21.6

Manual Integrations
APPROVED

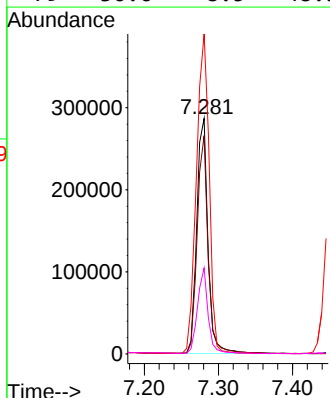
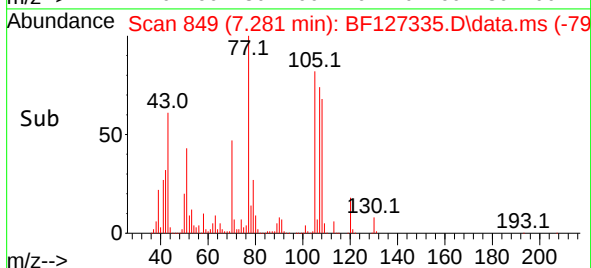
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

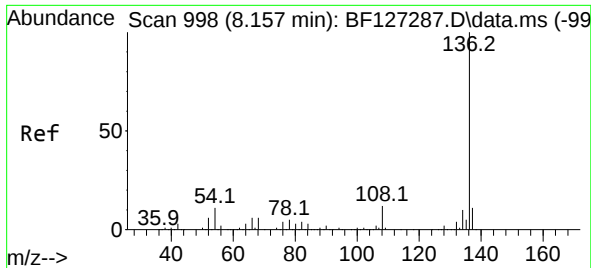


#20
3+4-Methylphenols
Concen: 44.887 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



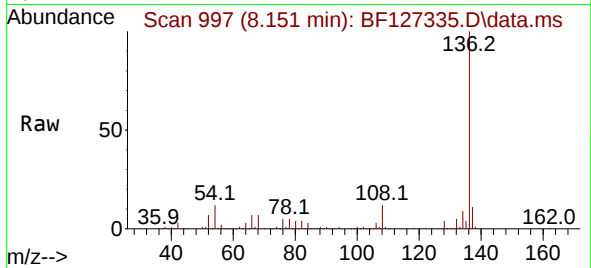
Tgt Ion:107 Resp: 299169
Ion Ratio Lower Upper
107 100
108 92.8 72.4 112.4
77 135.9 83.8 123.8#
79 36.6 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

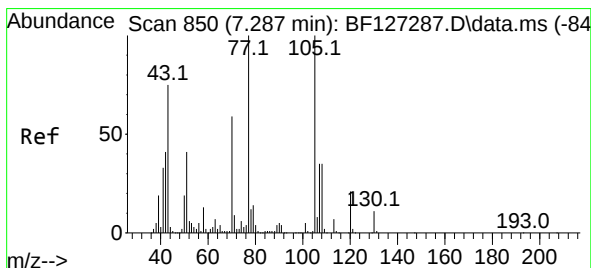
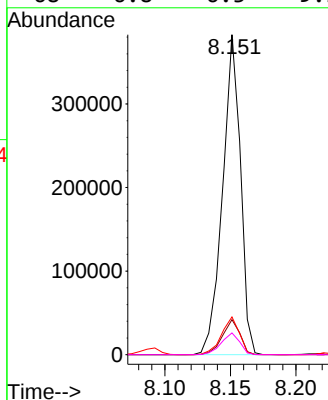
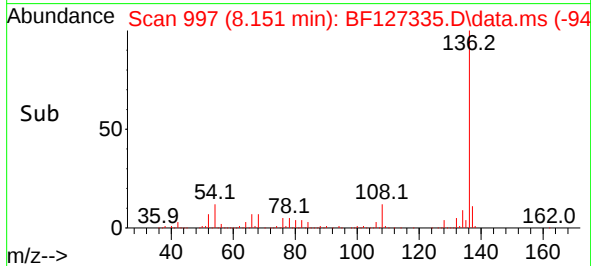
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



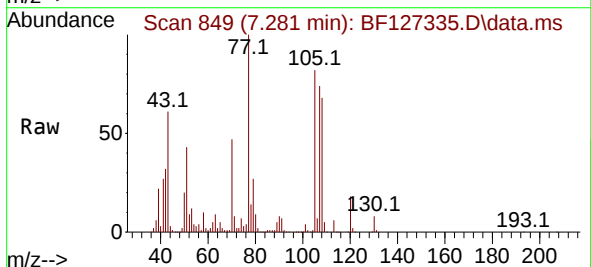
Tgt Ion:136 Resp: 362484
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.8 7.8 11.6
68 6.8 6.3 9.5

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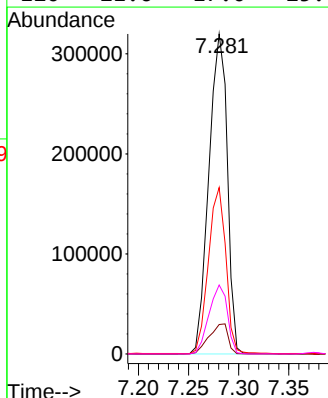
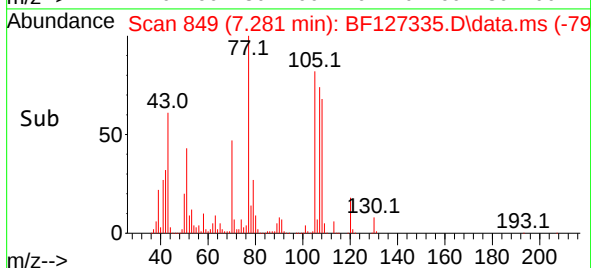
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

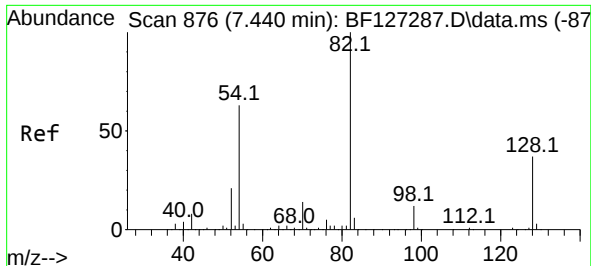


#22
Acetophenone
Concen: 41.185 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



Tgt Ion:105 Resp: 408743
Ion Ratio Lower Upper
105 100
71 9.2 5.4 8.0#
51 52.0 27.4 41.0#
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 66.754 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

Tgt Ion: 82 Resp: 585914

Ion Ratio Lower Upper

82 100

128 38.9 32.7 49.1

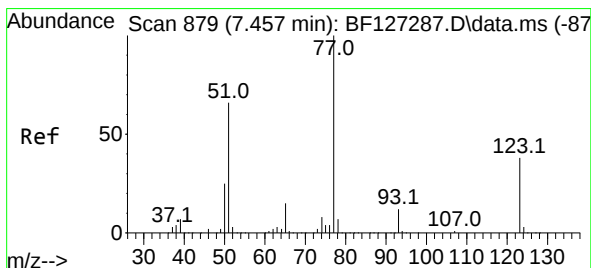
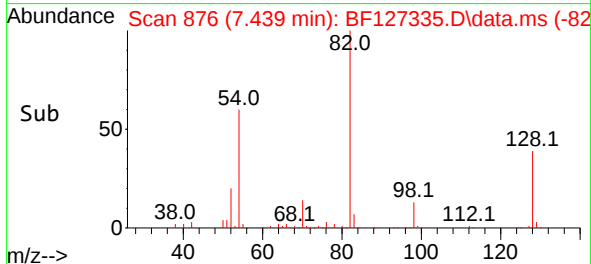
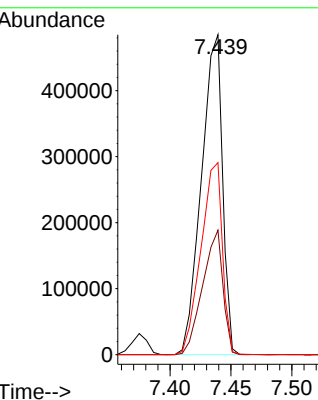
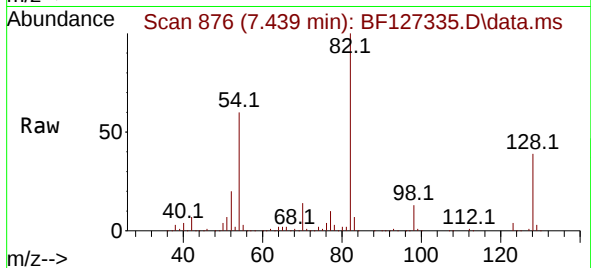
54 60.0 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#24

Nitrobenzene

Concen: 45.076 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

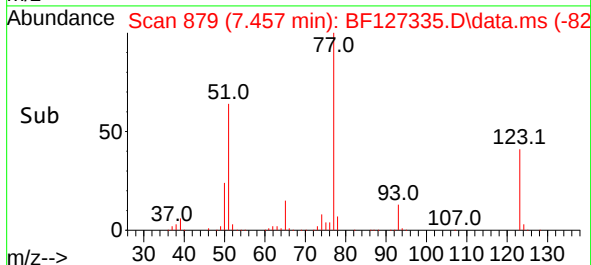
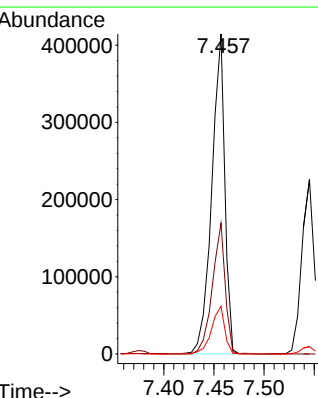
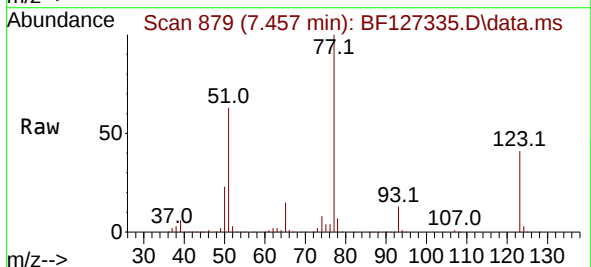
Tgt Ion: 77 Resp: 374206

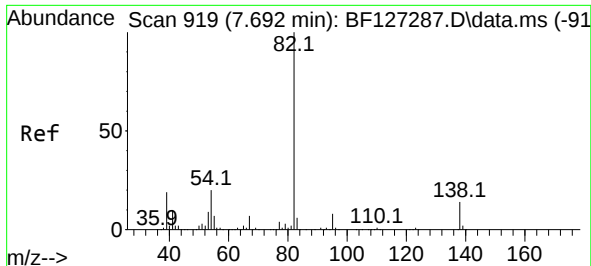
Ion Ratio Lower Upper

77 100

123 40.8 34.6 52.0

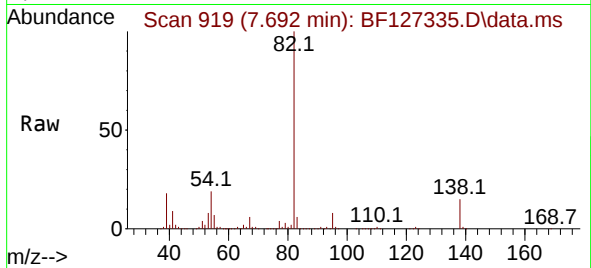
65 14.9 10.6 15.8





#25
Isophorone
Concen: 49.798 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

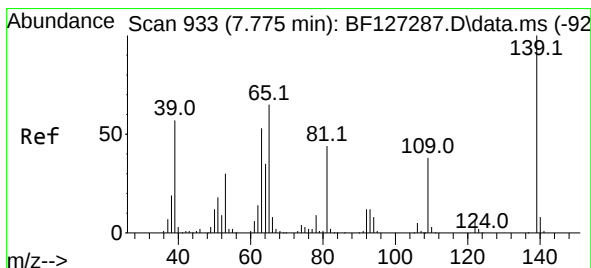
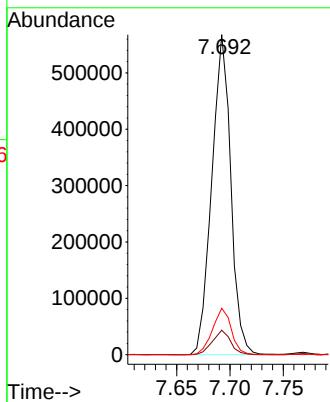
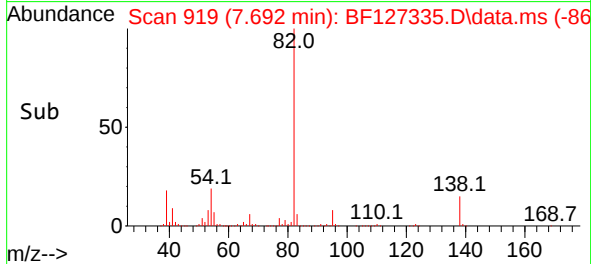
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion: 82 Resp: 702820
Ion Ratio Lower Upper
82 100
95 7.6 5.0 7.4#
138 14.5 12.3 18.5

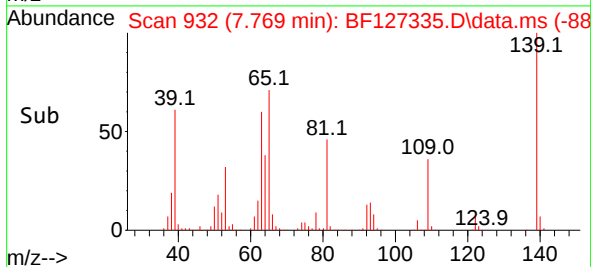
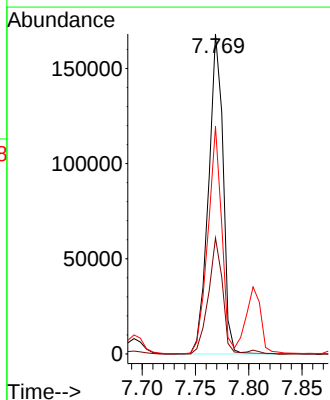
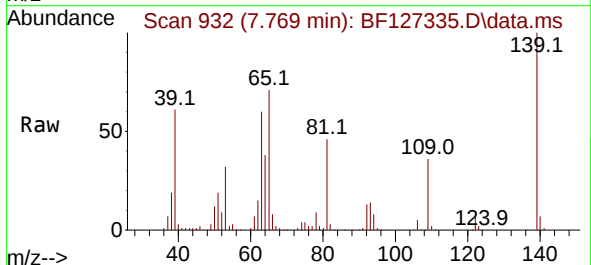
Manual Integrations
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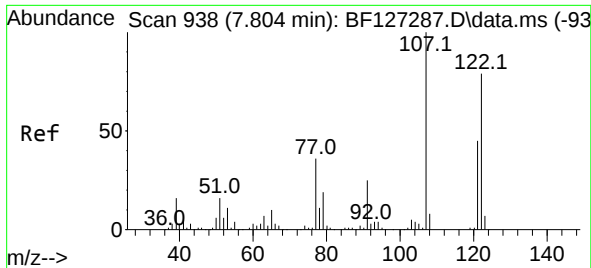
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#26
2-Nitrophenol
Concen: 46.526 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion:139 Resp: 159952
Ion Ratio Lower Upper
139 100
109 36.2 20.0 30.0#
65 71.1 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 53.379 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

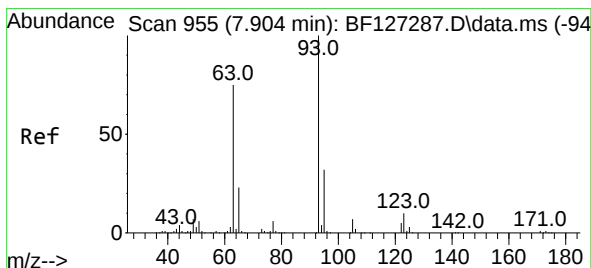
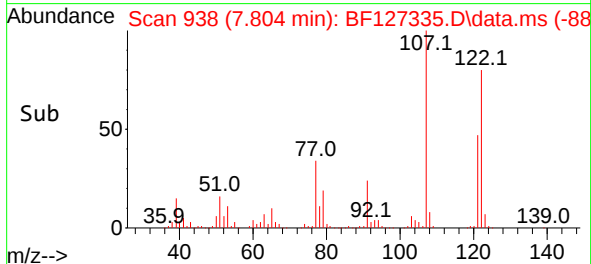
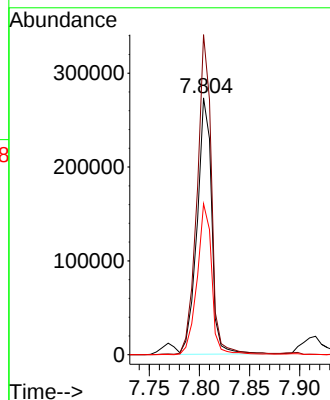
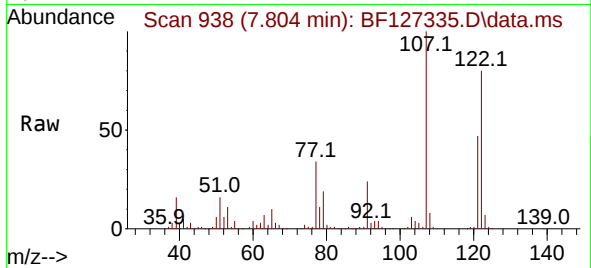
Tgt Ion:	122	Resp:	27548
Ion Ratio	Lower	Upper	
122	100		
107	124.6	91.2	136.8
121	58.7	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.181 ng

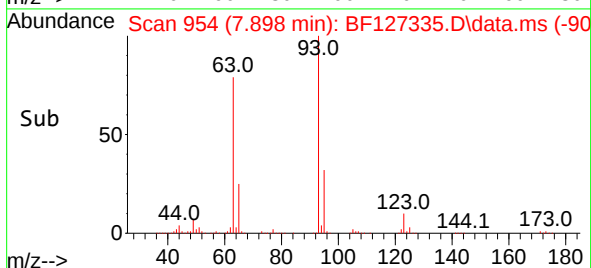
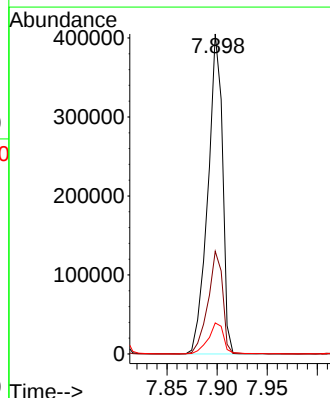
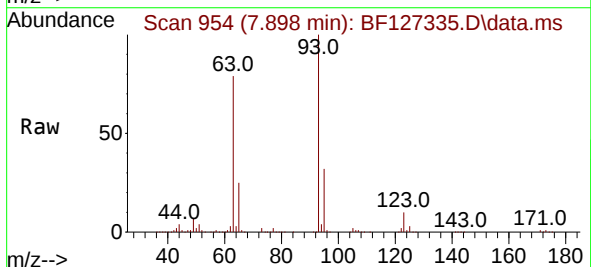
RT: 7.898 min Scan# 954

Delta R.T. -0.006 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Tgt Ion:	93	Resp:	412982
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.4	38.2
123	9.7	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 46.192 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

Tgt Ion:162 Resp: 27301

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

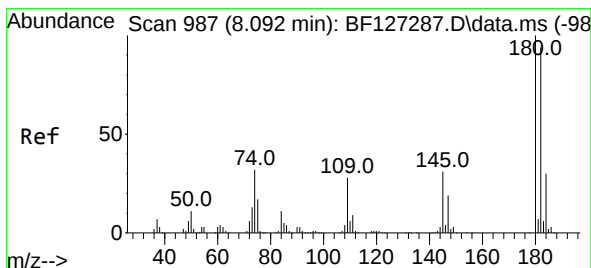
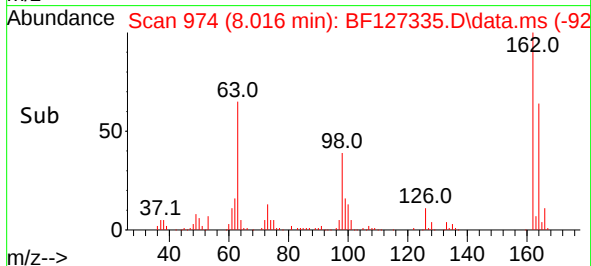
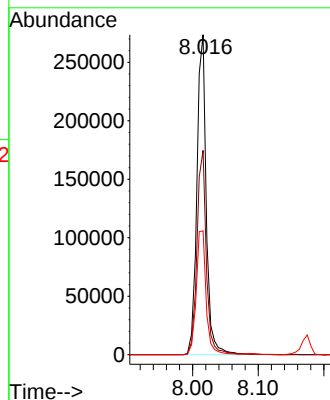
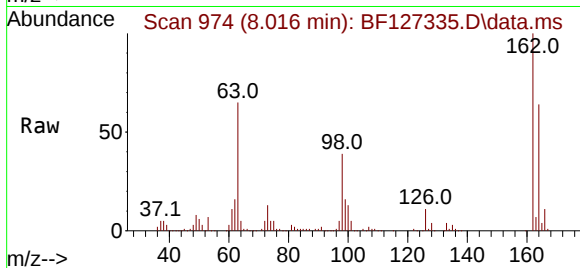
98 38.7 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.207 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

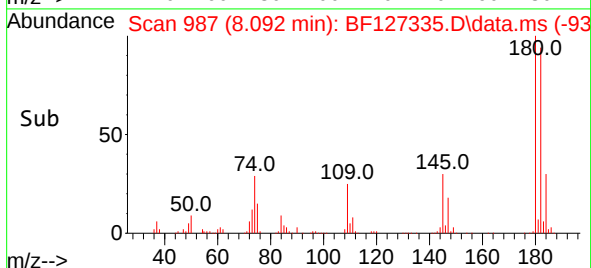
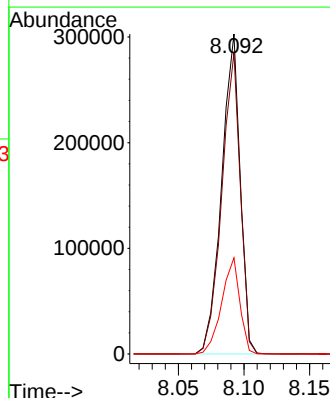
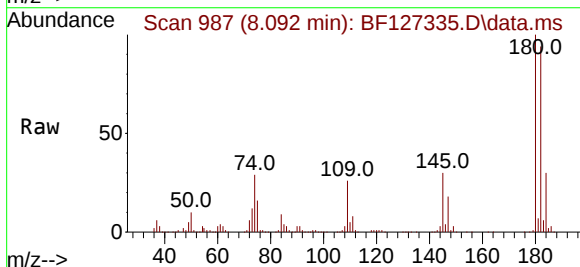
Tgt Ion:180 Resp: 297869

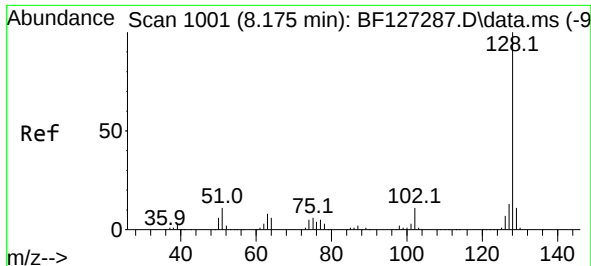
Ion Ratio Lower Upper

180 100

182 94.1 75.5 113.3

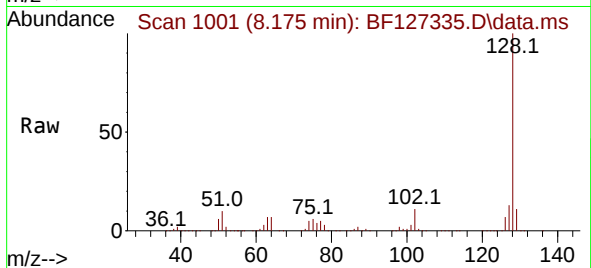
145 30.1 26.2 39.2





#31
Naphthalene
Concen: 44.798 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

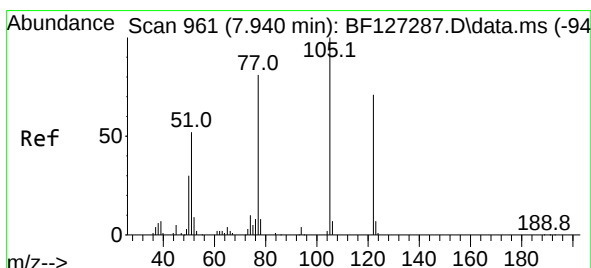
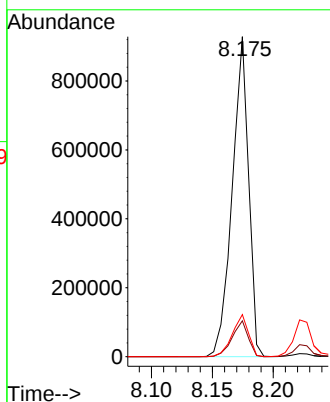
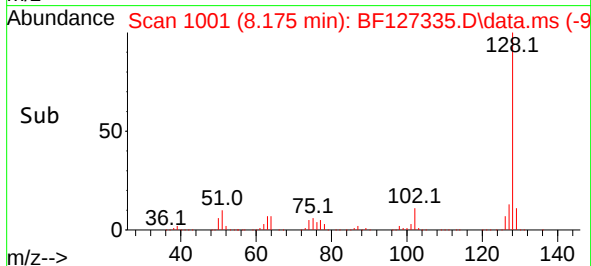
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:128 Resp: 866227
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.3 15.5

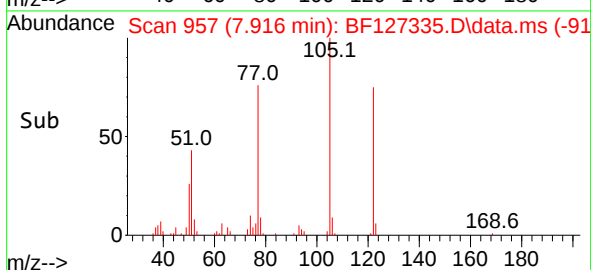
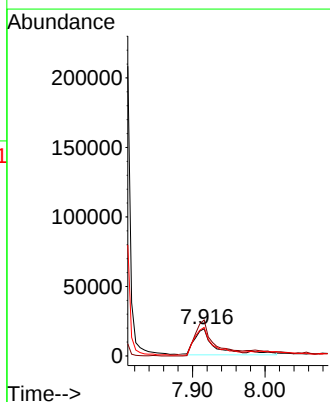
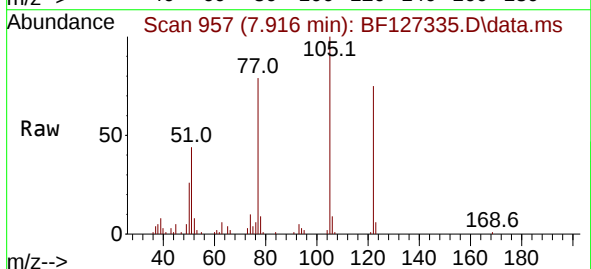
Manual Integrations
APPROVED

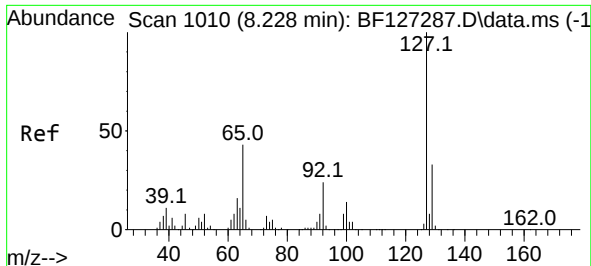
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#32
Benzoic acid
Concen: 15.927 ng m
RT: 7.916 min Scan# 957
Delta R.T. -0.024 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion:122 Resp: 38716
Ion Ratio Lower Upper
122 100
105 132.7 101.0 141.0
77 105.0 74.5 114.5





#33
4-Chloroaniline
Concen: 15.883 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

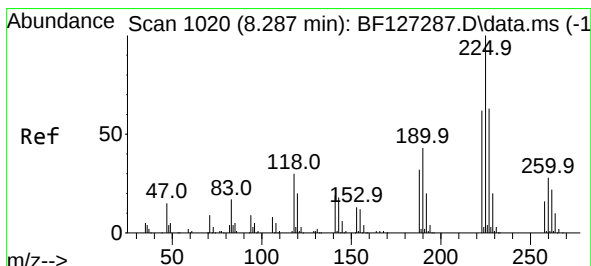
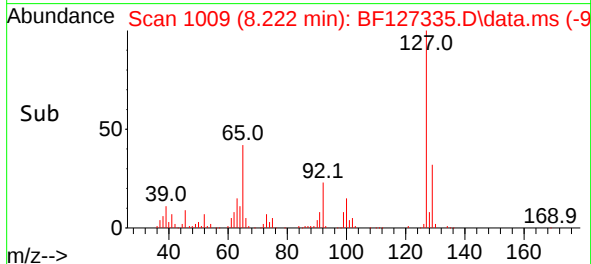
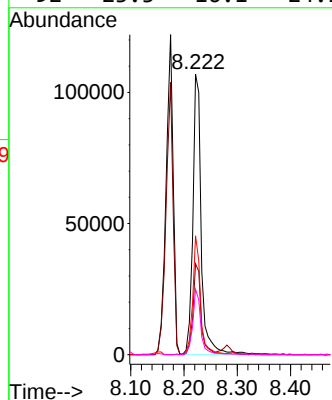
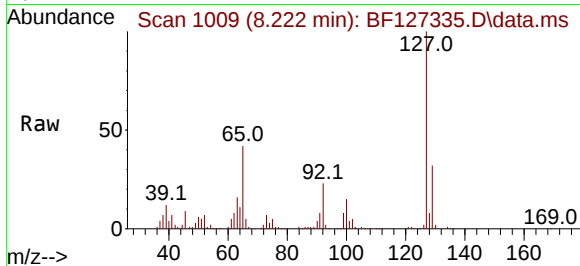
COMP-5MS

Tgt Ion:127 Resp: 119040
Ion Ratio Lower Upper
127 100
129 32.4 26.5 39.7
65 42.4 26.6 39.8
92 23.3 16.1 24.1

Manual Integrations

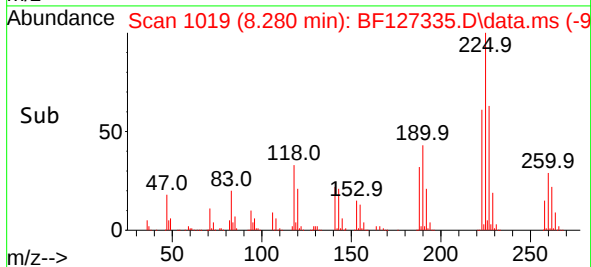
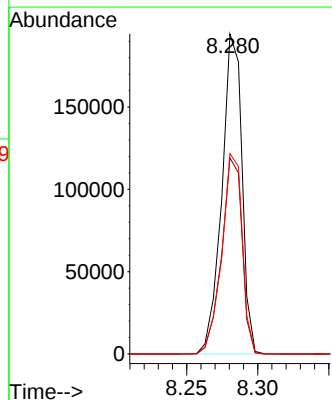
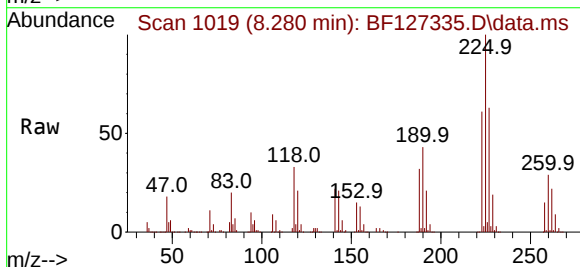
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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#34
Hexachlorobutadiene
Concen: 42.514 ng
RT: 8.280 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

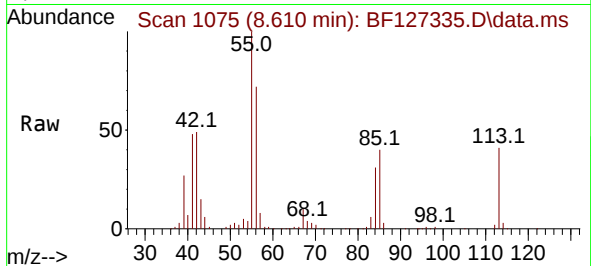
Tgt Ion:225 Resp: 191026
Ion Ratio Lower Upper
225 100
223 61.3 48.6 73.0
227 62.6 51.4 77.0





#35
Caprolactam
Concen: 46.161 ng m
RT: 8.610 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

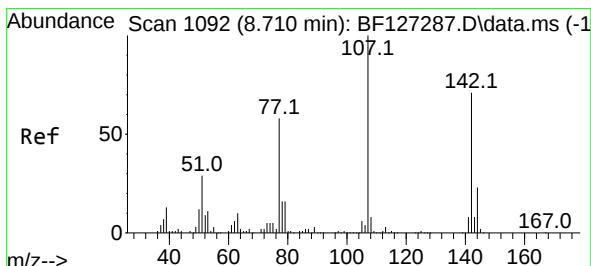
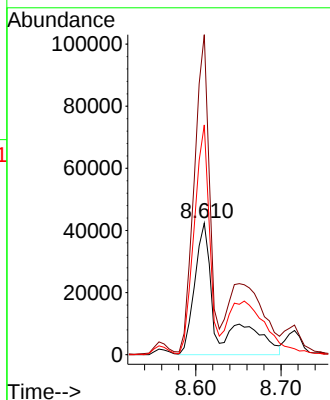
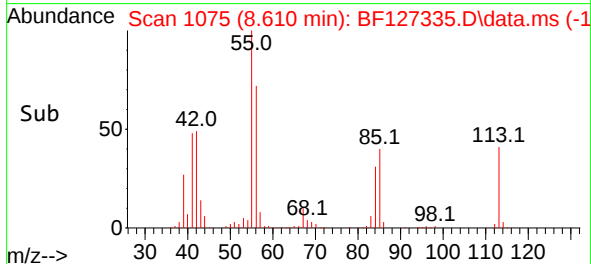
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:113 Resp: 8150
Ion Ratio Lower Upper
113 100
55 243.2 183.9 223.9
56 174.6 129.9 169.9

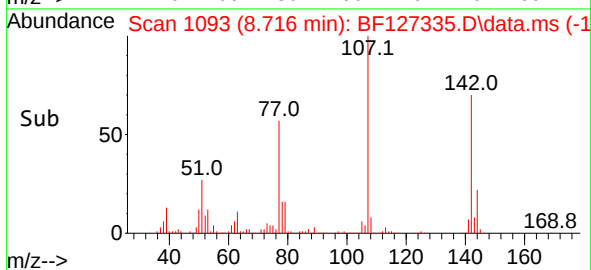
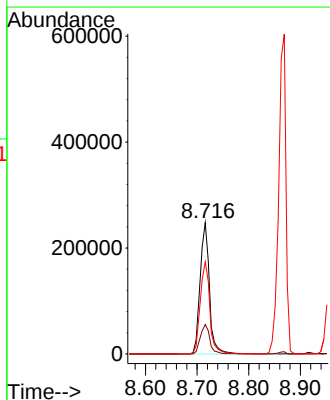
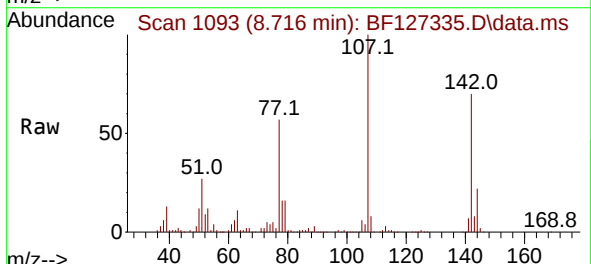
Manual Integrations
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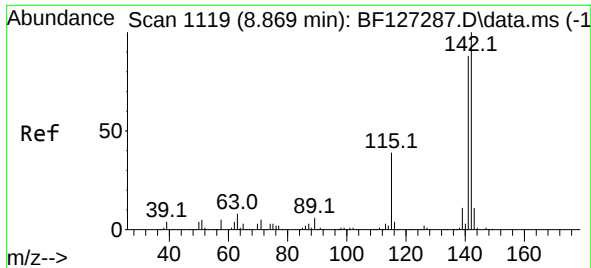
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#36
4-Chloro-3-methylphenol
Concen: 48.403 ng
RT: 8.716 min Scan# 1093
Delta R.T. 0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion:107 Resp: 310066
Ion Ratio Lower Upper
107 100
144 22.4 18.5 27.7
142 70.3 58.1 87.1





#37

2-Methylnaphthalene

Concen: 46.660 ng

RT: 8.869 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

Tgt Ion:142 Resp: 58953

Ion Ratio Lower Upper

142 100

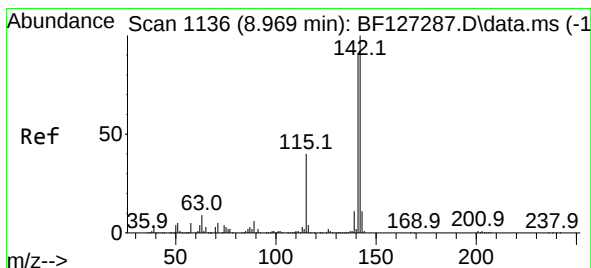
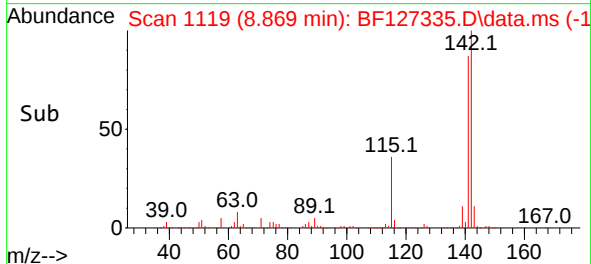
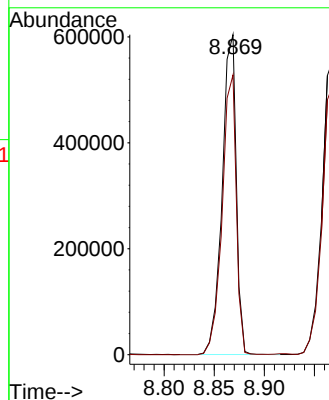
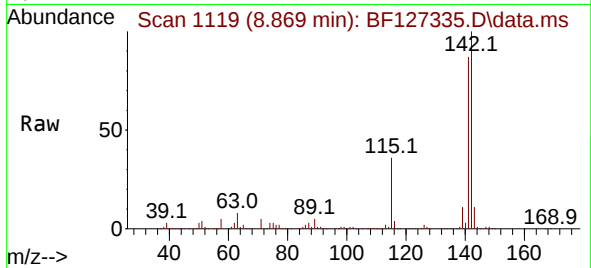
141 87.4 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#38

1-Methylnaphthalene

Concen: 45.865 ng

RT: 8.969 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF127335.D

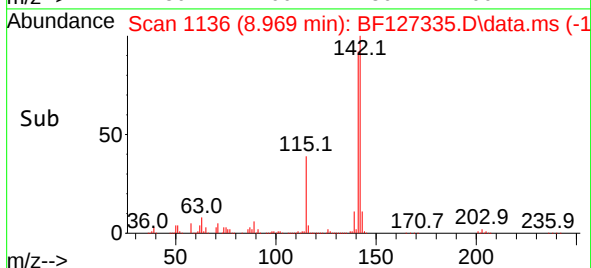
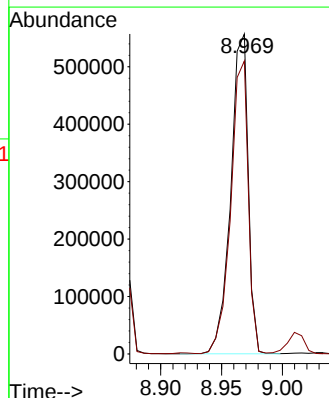
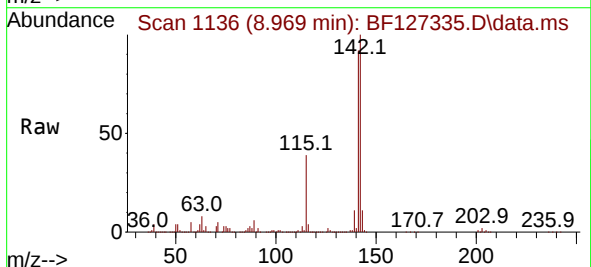
Acq: 15 Mar 2022 20:41

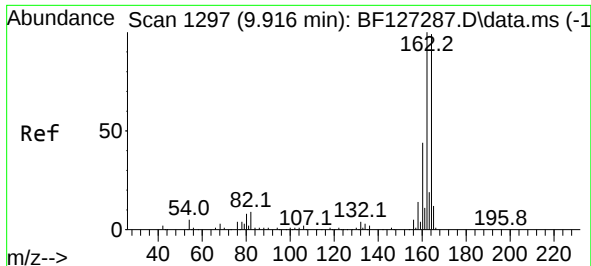
Tgt Ion:142 Resp: 557097

Ion Ratio Lower Upper

142 100

141 91.5 72.1 108.1





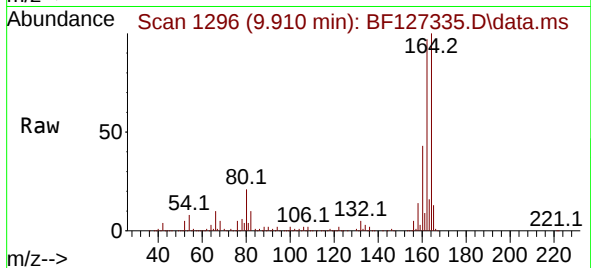
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

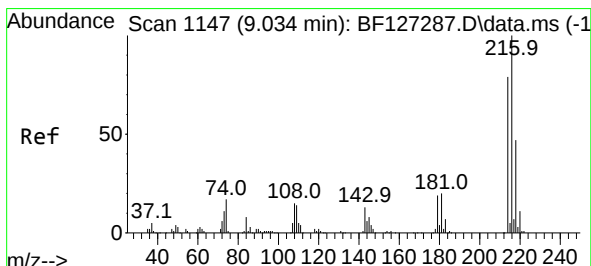
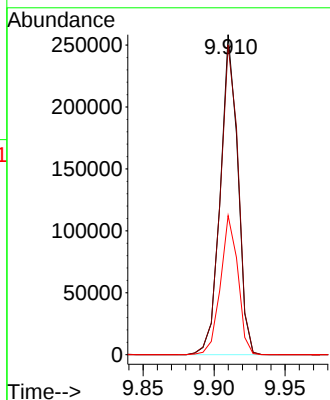
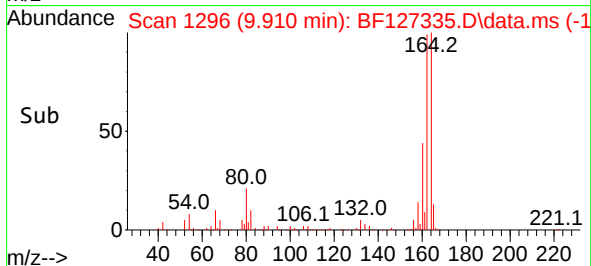


Tgt Ion:164 Resp: 220479
Ion Ratio Lower Upper
164 100
162 96.8 81.4 122.0
160 43.4 36.6 54.8

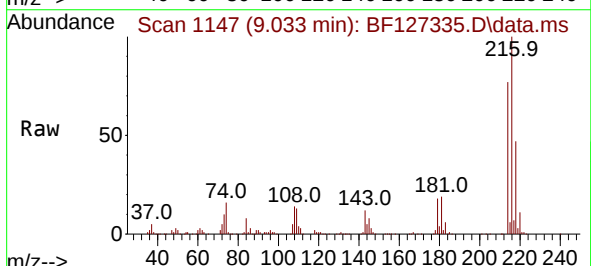
Manual Integrations

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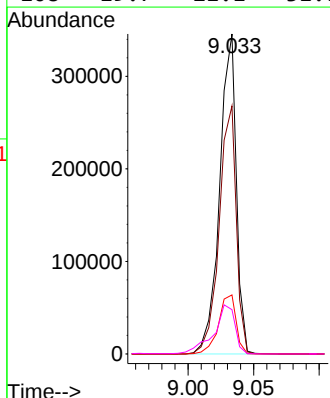
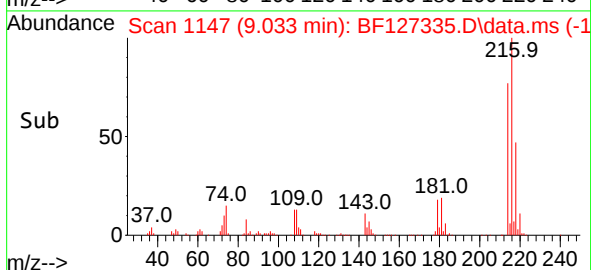
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

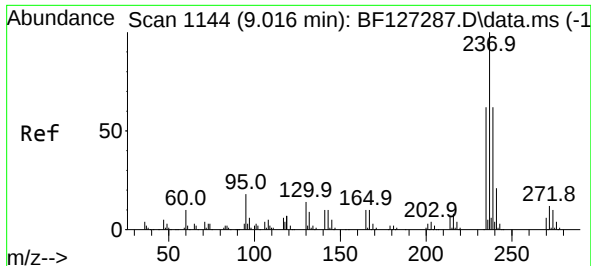


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.618 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



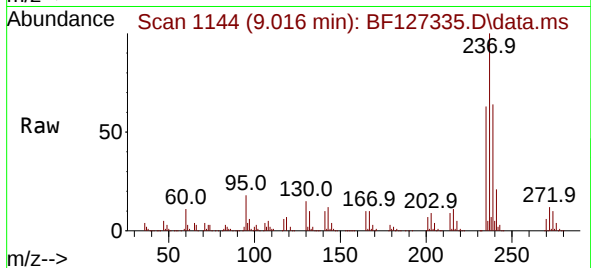
Tgt Ion:216 Resp: 304439
Ion Ratio Lower Upper
216 100
214 79.6 64.6 96.8
179 19.5 19.5 29.3
108 19.7 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 104.568 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

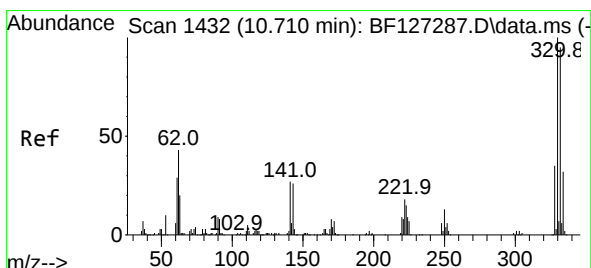
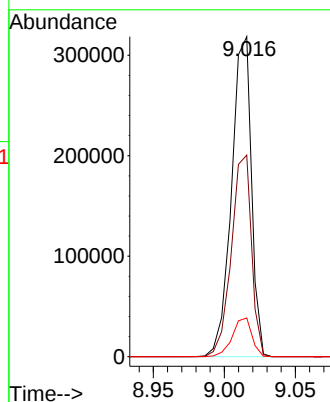
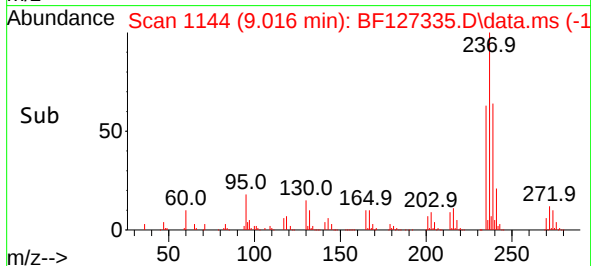
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



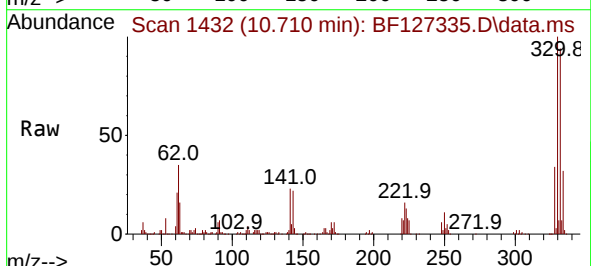
Tgt Ion:237 Resp: 310280
Ion Ratio Lower Upper
237 100
235 63.0 38.9 78.9
272 12.1 0.0 33.5

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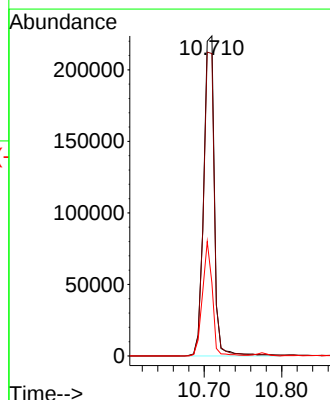
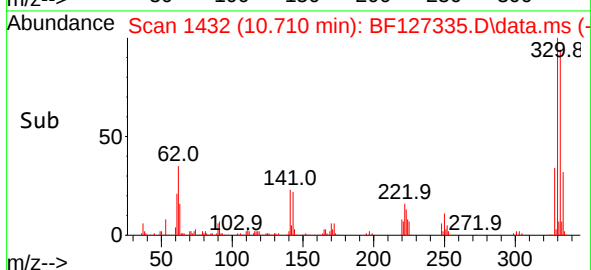
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

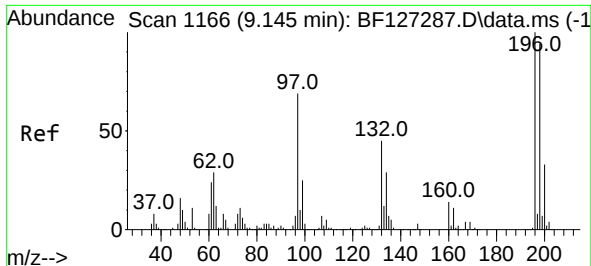


#42
2,4,6-Tribromophenol
Concen: 90.389 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



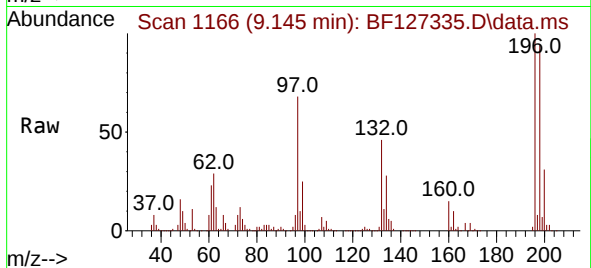
Tgt Ion:330 Resp: 214532
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 32.8 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 44.474 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

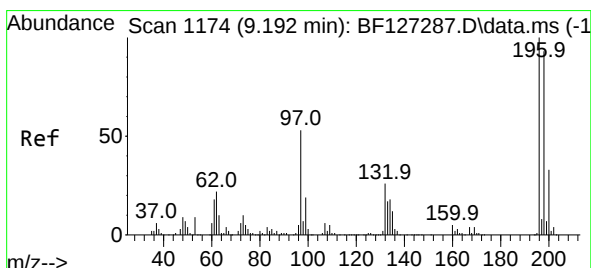
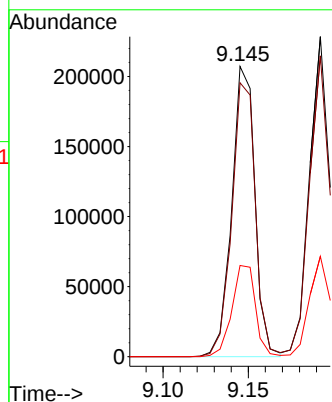
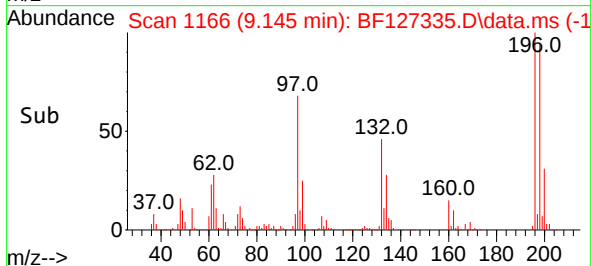
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:196 Resp: 195915
Ion Ratio Lower Upper
196 100
198 94.3 78.5 117.7
200 31.4 24.9 37.3

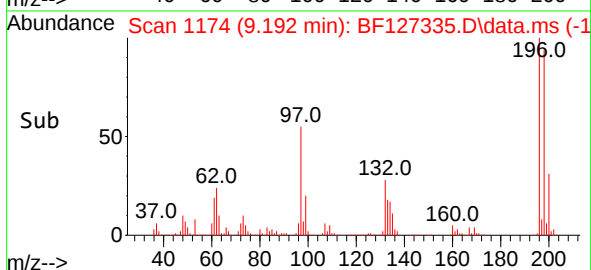
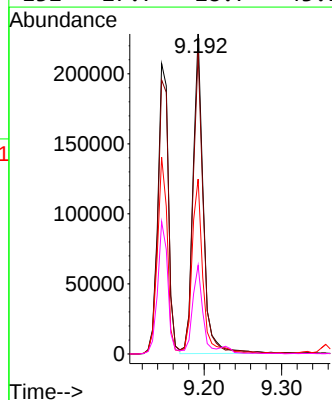
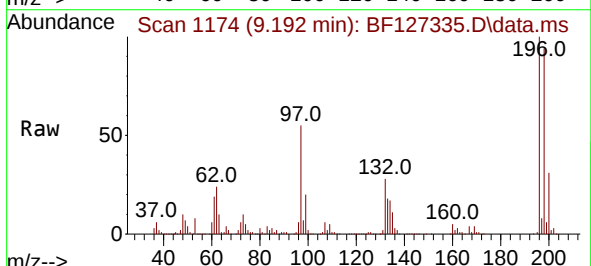
Manual Integrations
APPROVED

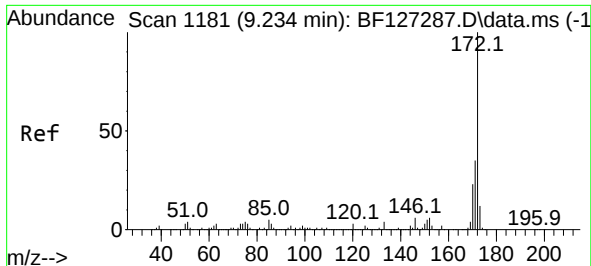
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#44
2,4,5-Trichlorophenol
Concen: 44.798 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion:196 Resp: 209443
Ion Ratio Lower Upper
196 100
198 94.0 82.0 123.0
97 54.6 53.5 80.3
132 27.7 28.7 43.1#





#45

2-Fluorobiphenyl

Concen: 64.961 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

Tgt Ion:172 Resp: 1013050

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

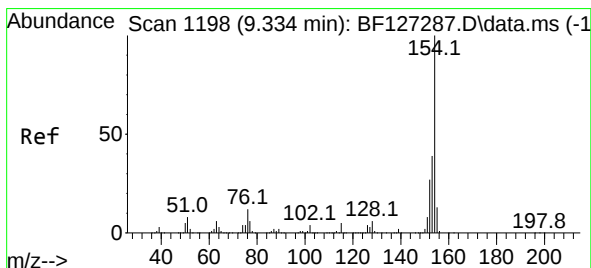
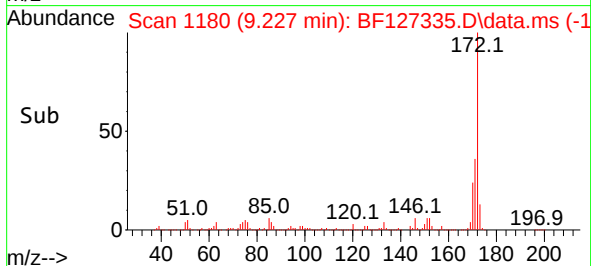
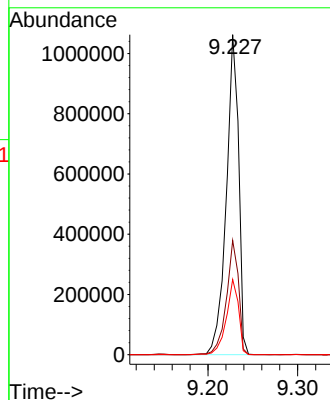
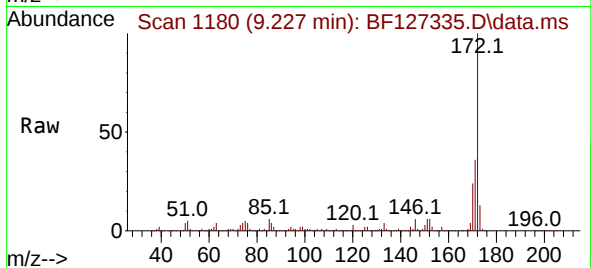
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#46

1,1'-Biphenyl

Concen: 43.835 ng

RT: 9.333 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

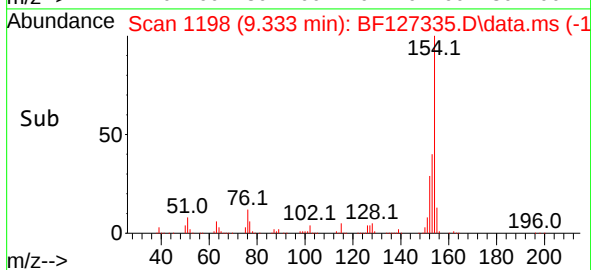
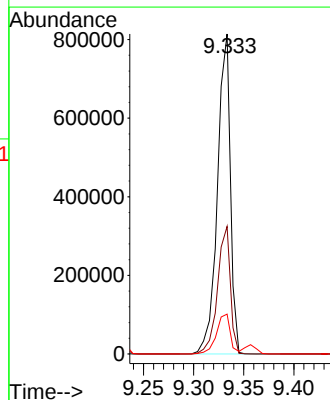
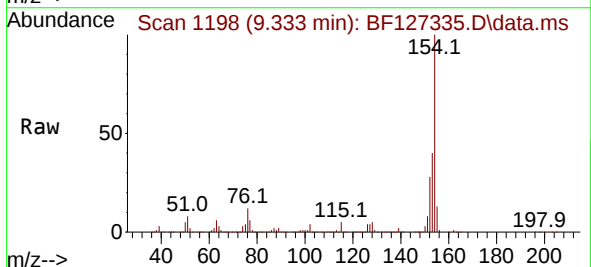
Tgt Ion:154 Resp: 729435

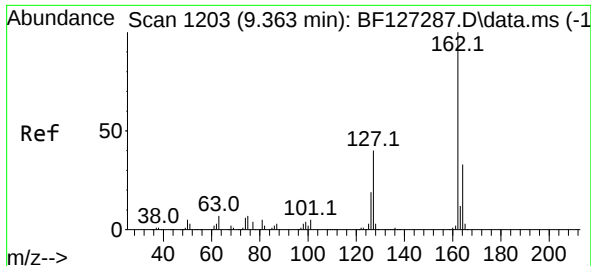
Ion Ratio Lower Upper

154 100

153 39.8 19.0 59.0

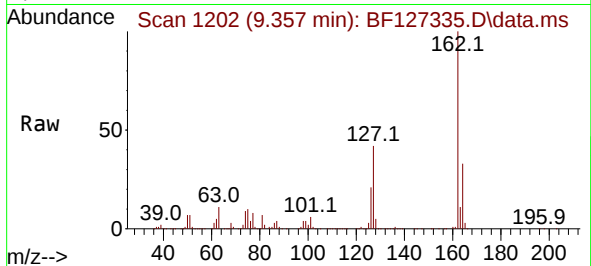
76 12.5 0.0 34.5





#47
2-Chloronaphthalene
Concen: 44.040 ng
RT: 9.357 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

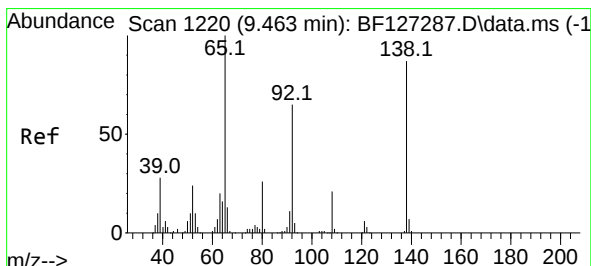
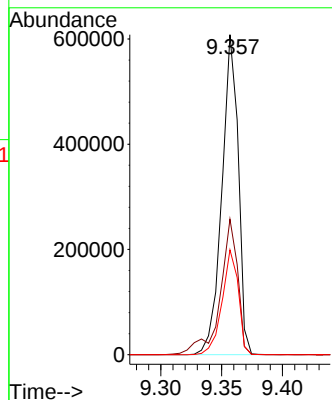
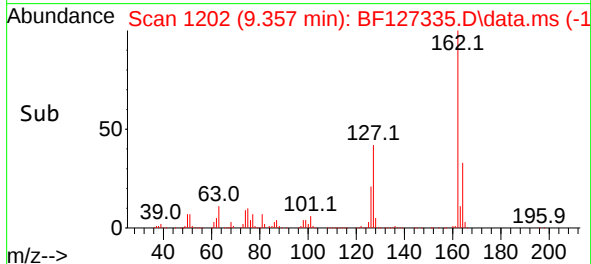
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:162 Resp: 57046
Ion Ratio Lower Upper
162 100
127 42.4 33.5 50.3
164 32.7 26.2 39.4

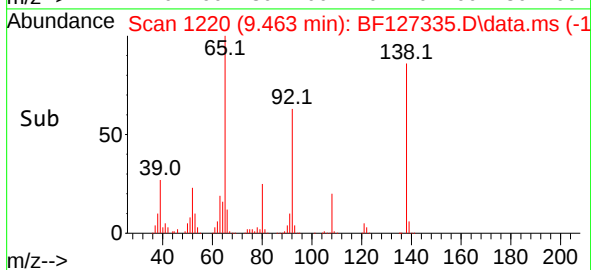
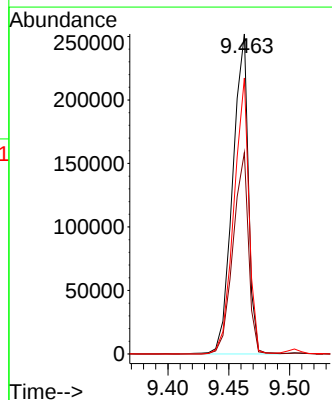
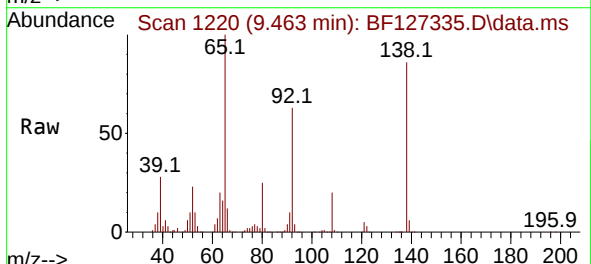
Manual Integrations
APPROVED

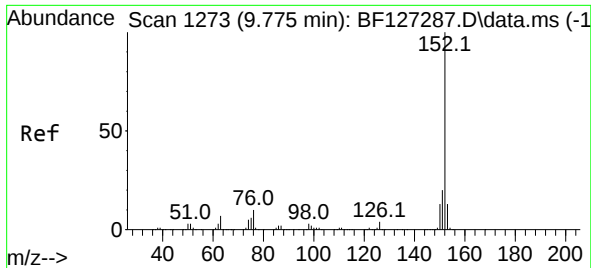
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#48
2-Nitroaniline
Concen: 45.287 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

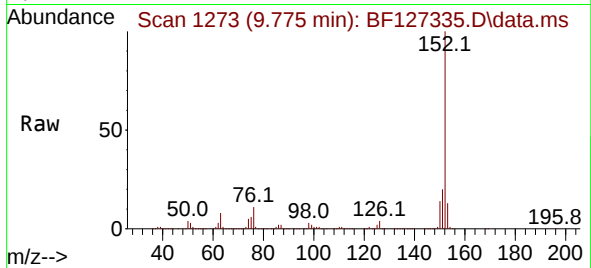
Tgt Ion: 65 Resp: 225707
Ion Ratio Lower Upper
65 100
92 62.9 54.4 81.6
138 86.3 72.5 108.7





#49
Acenaphthylene
Concen: 46.673 ng
RT: 9.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

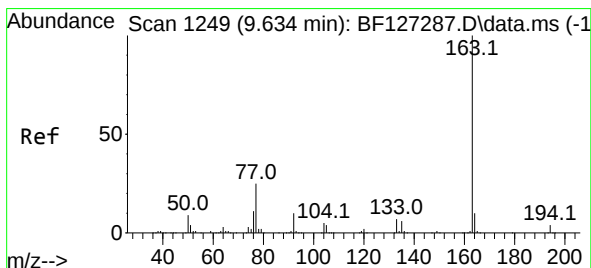
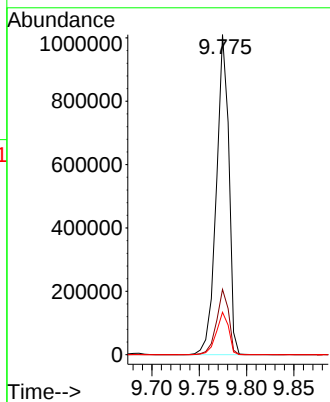
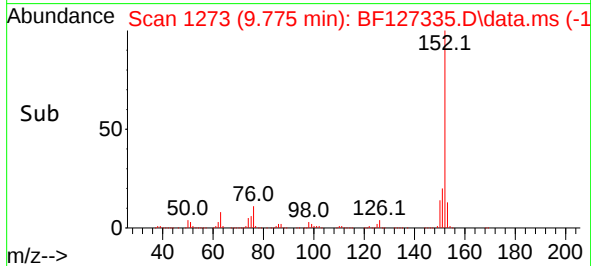
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



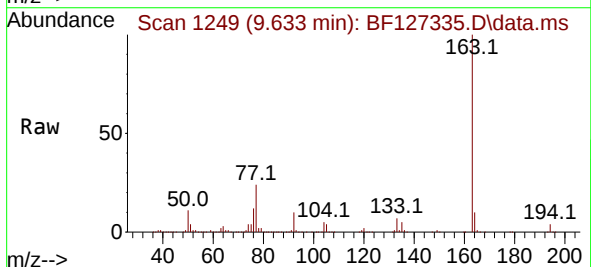
Tgt Ion:152 Resp: 92519
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.3 11.4 17.0

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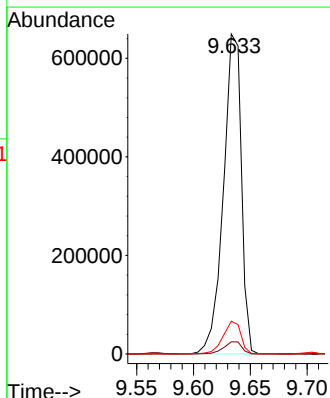
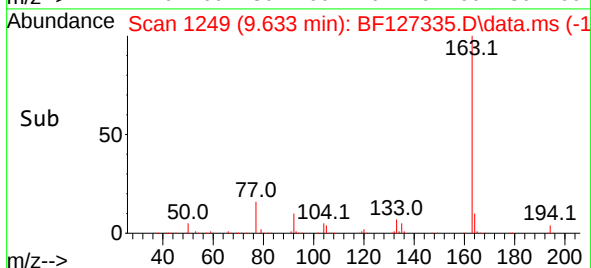
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

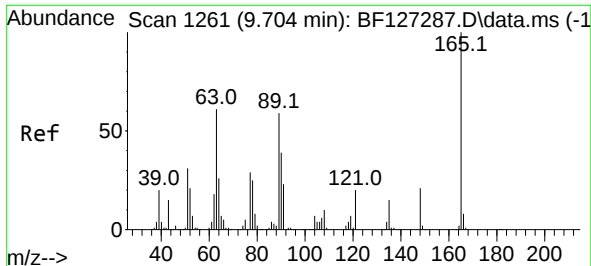


#50
Dimethylphthalate
Concen: 45.277 ng
RT: 9.633 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



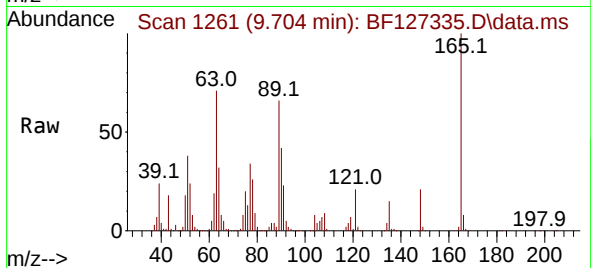
Tgt Ion:163 Resp: 715325
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 47.531 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

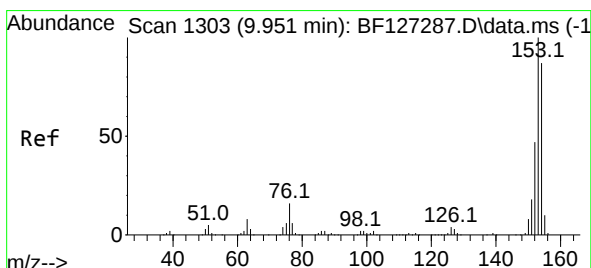
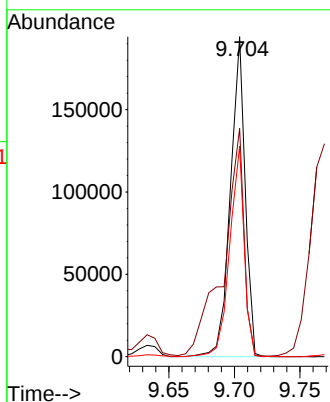
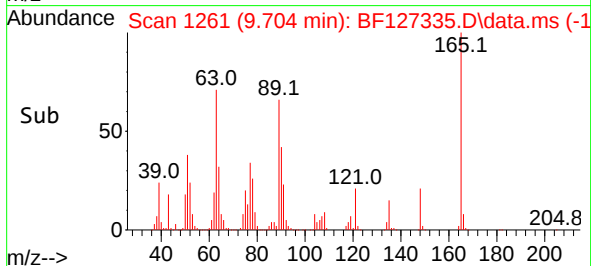
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



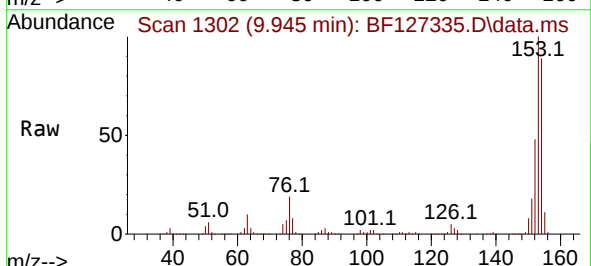
Tgt Ion:165 Resp: 151900
Ion Ratio Lower Upper
165 100
63 71.4 48.4 72.6
89 65.8 50.5 75.7

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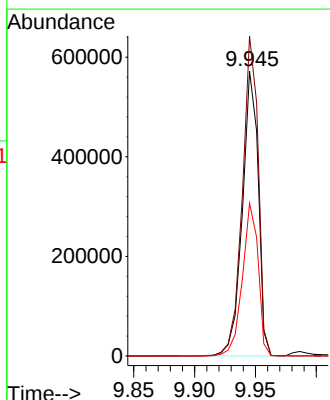
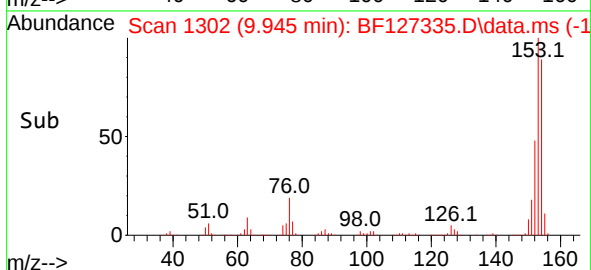
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

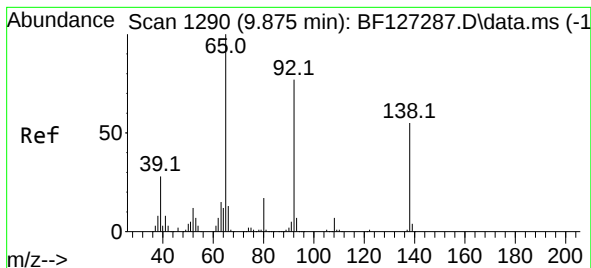


#52
Acenaphthene
Concen: 44.058 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



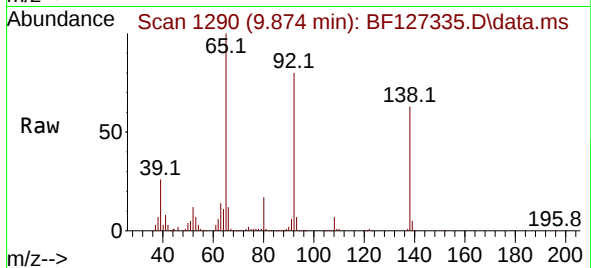
Tgt Ion:154 Resp: 520604
Ion Ratio Lower Upper
154 100
153 112.4 87.8 131.6
152 53.6 39.4 59.2





#53
3-Nitroaniline
Concen: 27.722 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

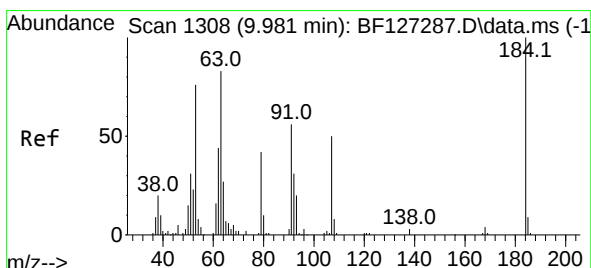
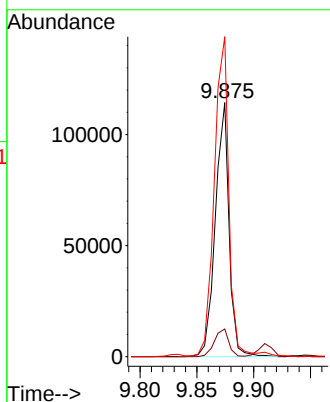
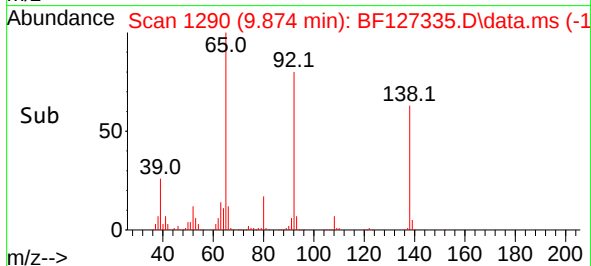
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:138 Resp: 96544
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 125.9 105.0 157.6

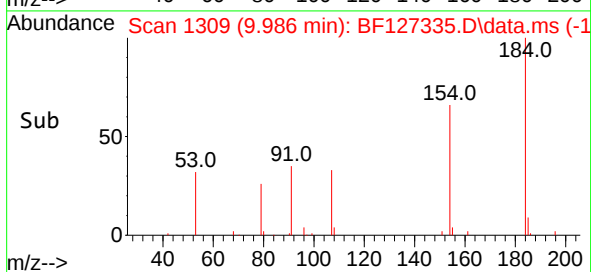
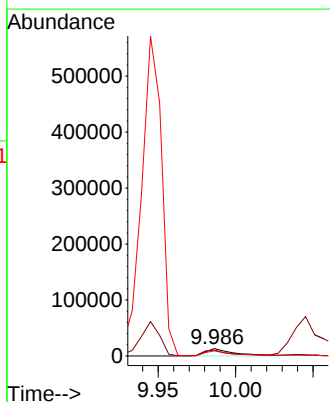
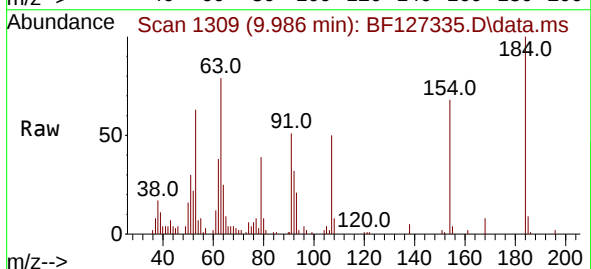
Manual Integrations
APPROVED

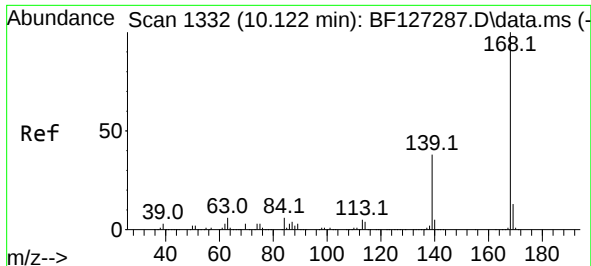
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#54
2,4-Dinitrophenol
Concen: 12.944 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

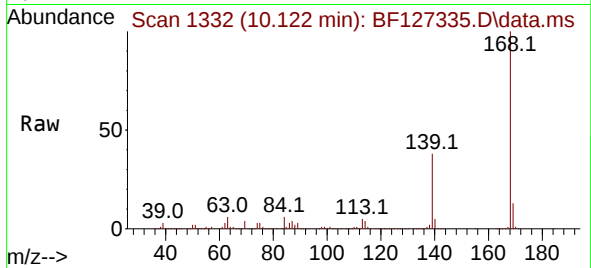
Tgt Ion:184 Resp: 16832
Ion Ratio Lower Upper
184 100
63 79.1 70.4 105.6
154 68.4 49.7 74.5





#55
Dibenzenofuran
Concen: 42.149 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

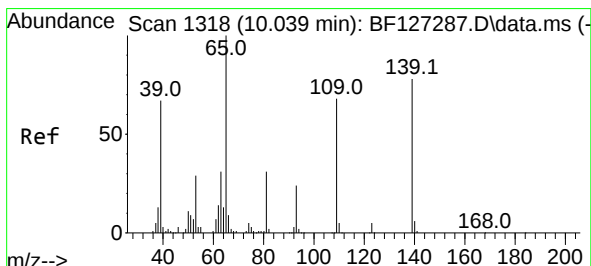
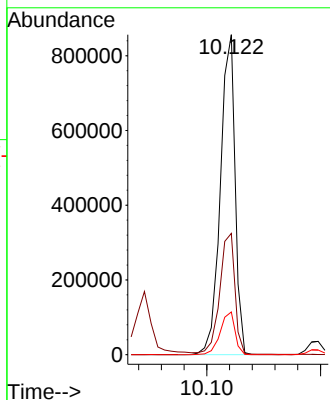
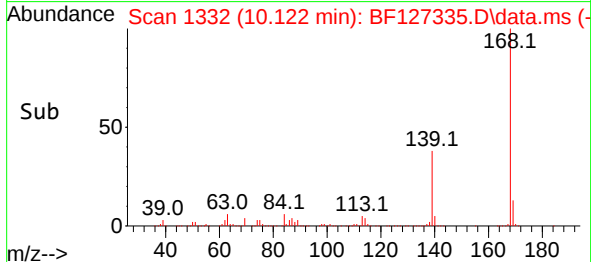
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



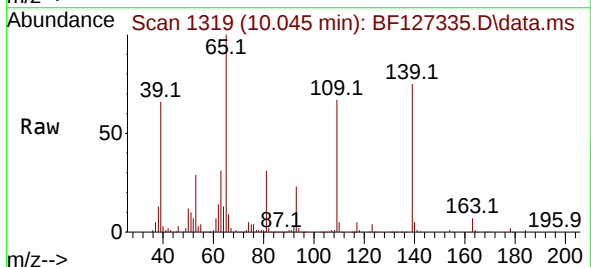
Tgt Ion:168 Resp: 773744
Ion Ratio Lower Upper
168 100
139 37.9 30.6 46.0
169 13.4 10.0 15.0

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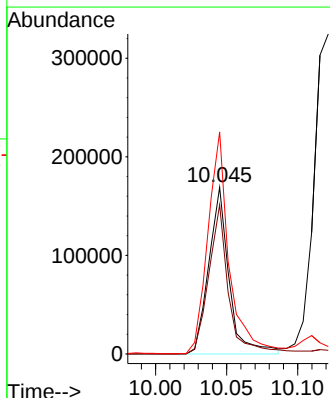
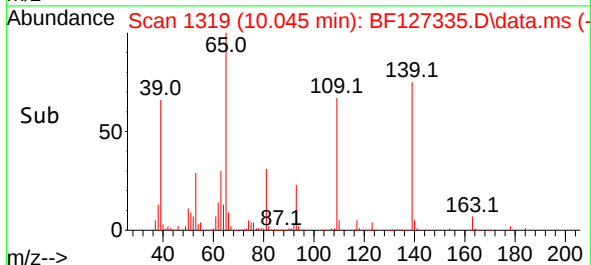
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

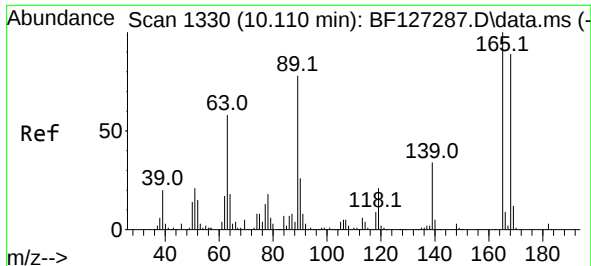


#56
4-Nitrophenol
Concen: 79.640 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



Tgt Ion:139 Resp: 168579
Ion Ratio Lower Upper
139 100
109 89.4 44.1 84.1#
65 133.2 85.5 125.5#





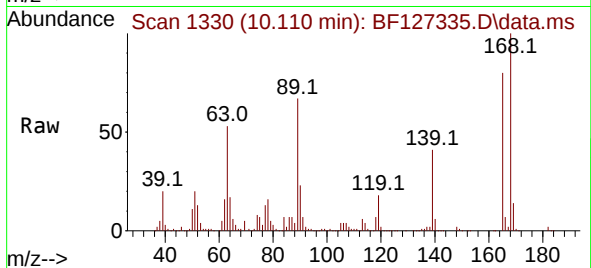
#57
2,4-Dinitrotoluene
Concen: 45.042 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

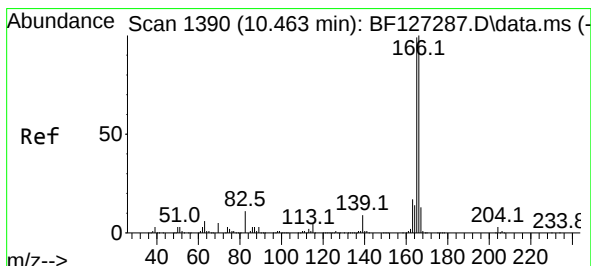
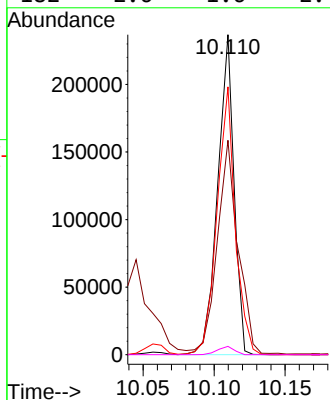
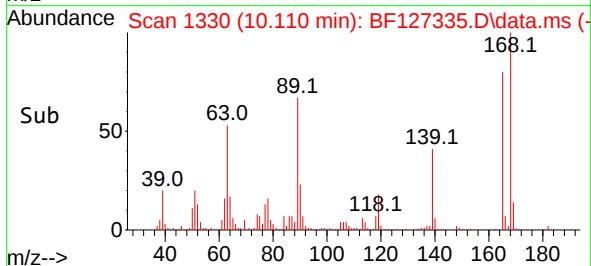


Tgt Ion:165 Resp: 189390
Ion Ratio Lower Upper
165 100
63 67.0 43.0 64.6
89 83.7 71.0 106.4
182 2.6 1.6 2.4#

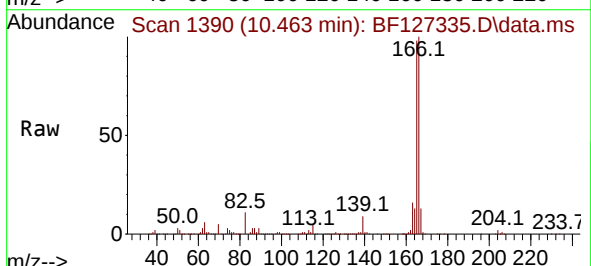
Manual Integrations

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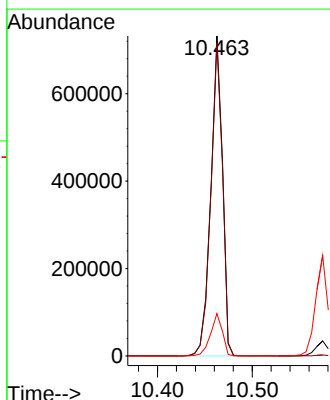
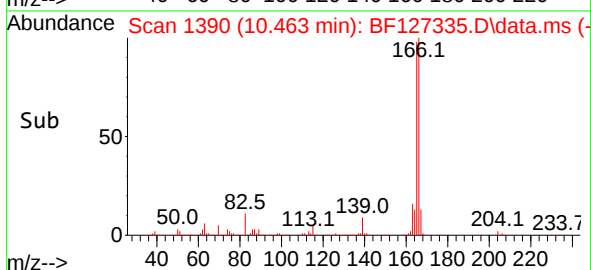
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#58
Fluorene
Concen: 43.873 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



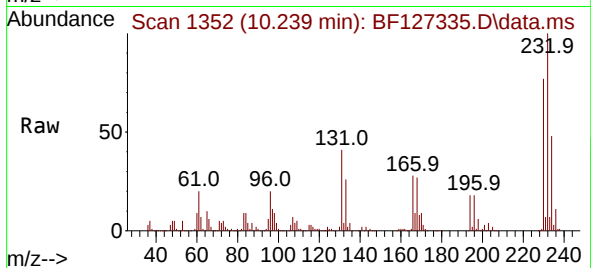
Tgt Ion:166 Resp: 624515
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.789 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

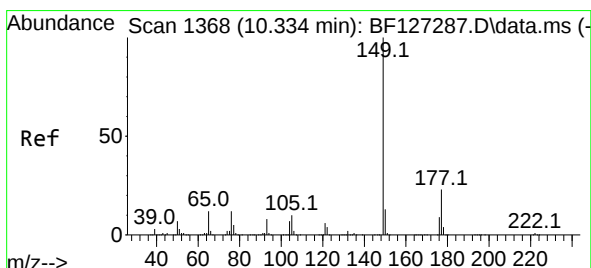
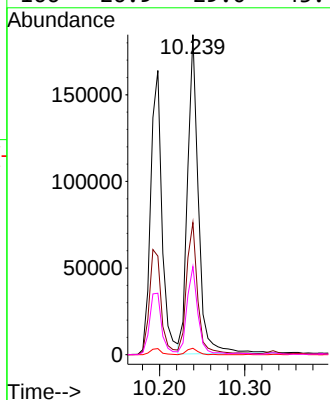
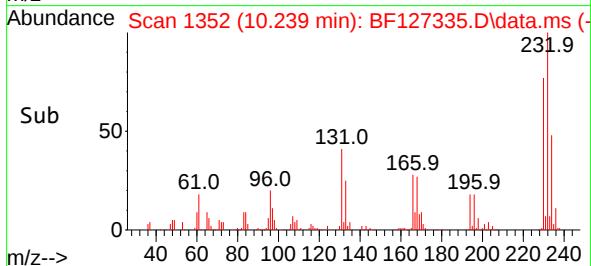
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



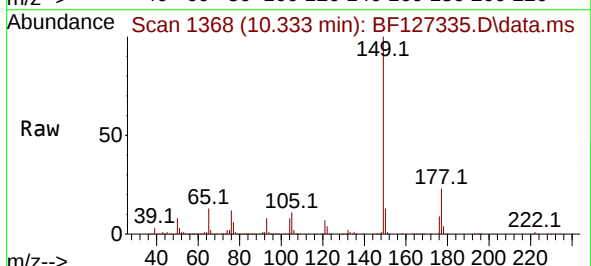
Tgt Ion:232 Resp: 162364
Ion Ratio Lower Upper
232 100
131 41.9 50.0 75.0
130 2.1 2.2 3.2
166 26.9 29.0 43.4

Manual Integrations
APPROVED

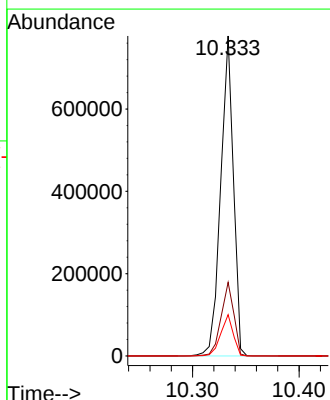
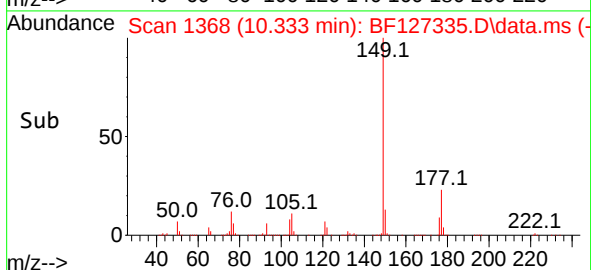
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

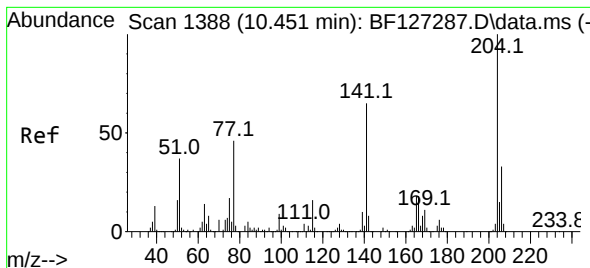


#60
Diethylphthalate
Concen: 44.654 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



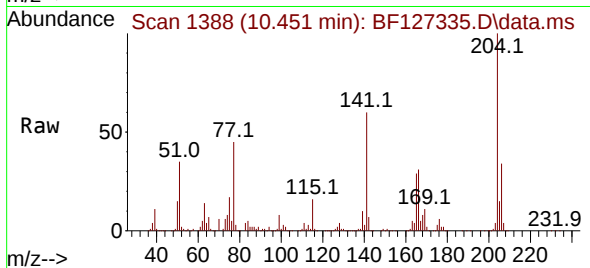
Tgt Ion:149 Resp: 643507
Ion Ratio Lower Upper
149 100
177 23.0 16.7 25.1
150 12.9 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.451 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

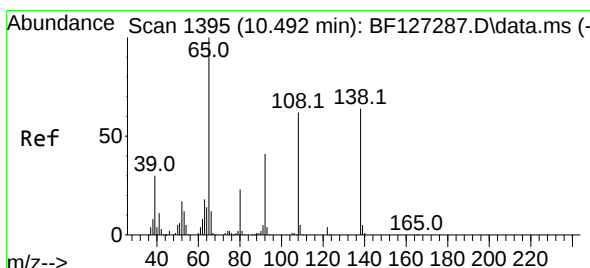
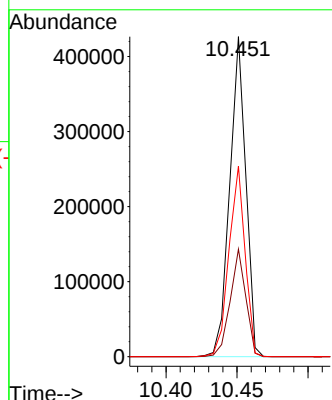
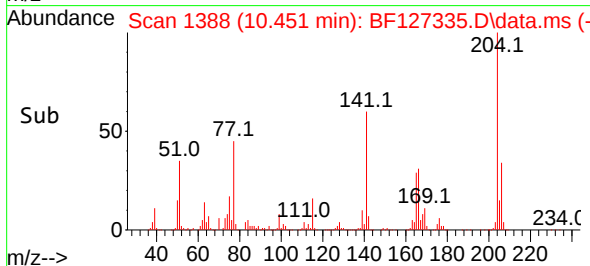
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:204 Resp: 335192
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 59.6 59.0 88.6

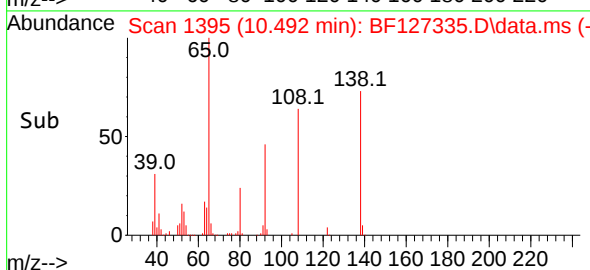
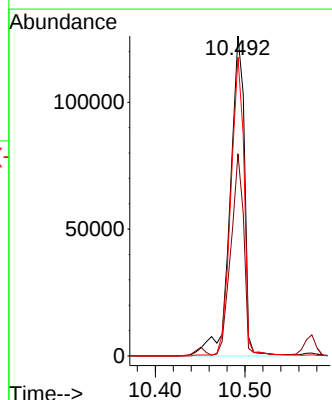
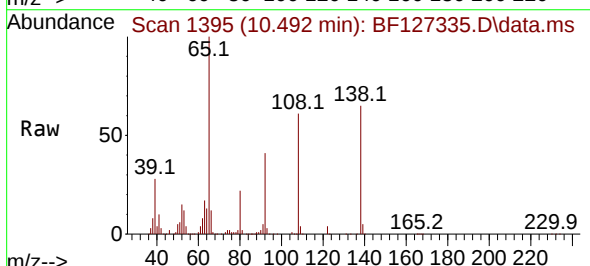
Manual Integrations
APPROVED

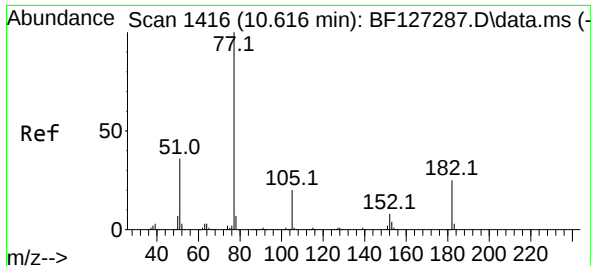
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#62
4-Nitroaniline
Concen: 40.538 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

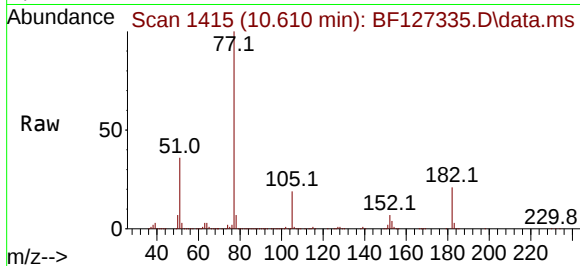
Tgt Ion:138 Resp: 140681
Ion Ratio Lower Upper
138 100
92 63.2 36.2 76.2
108 93.3 46.7 86.7#





#63
Azobenzene
Concen: 44.398 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

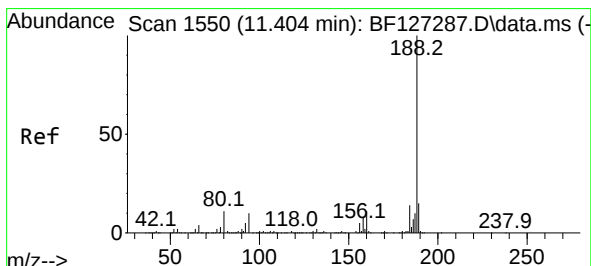
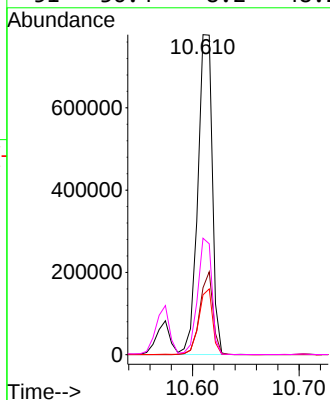
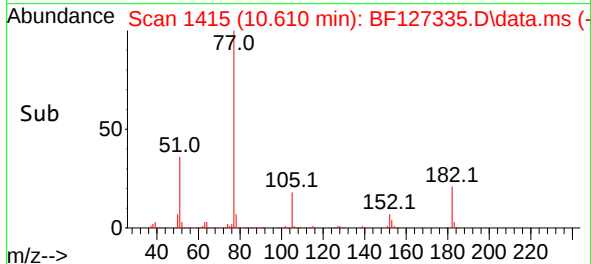
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



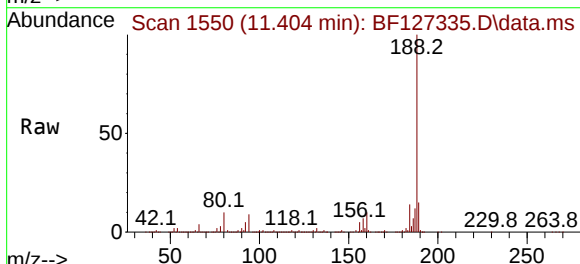
Tgt Ion: 77 Resp: 735484
Ion Ratio Lower Upper
77 100
182 20.9 0.0 39.0
105 18.7 3.2 43.2
51 36.4 8.2 48.2

Manual Integrations
APPROVED

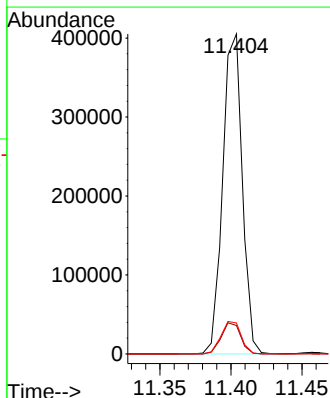
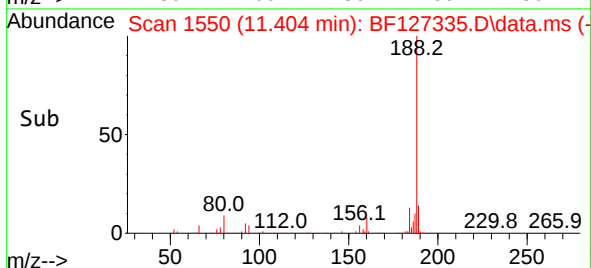
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

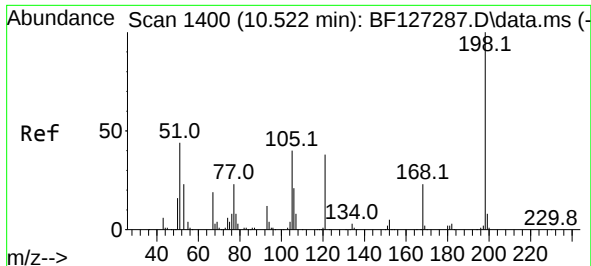


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



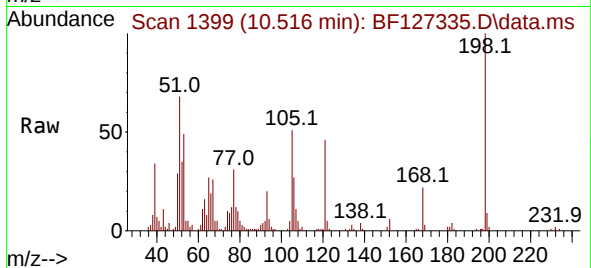
Tgt Ion:188 Resp: 387387
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 9.7 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 12.216 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

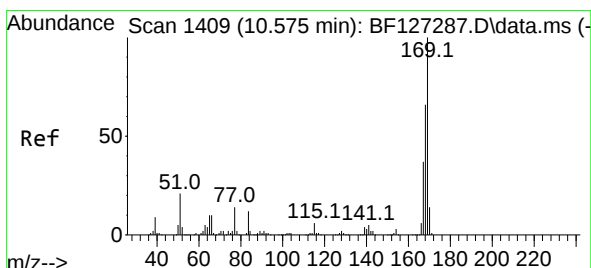
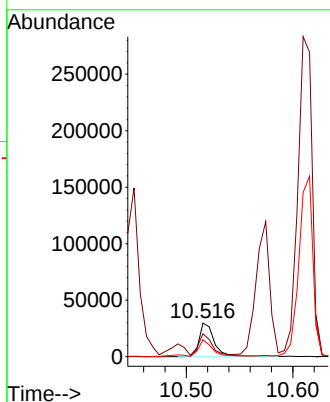
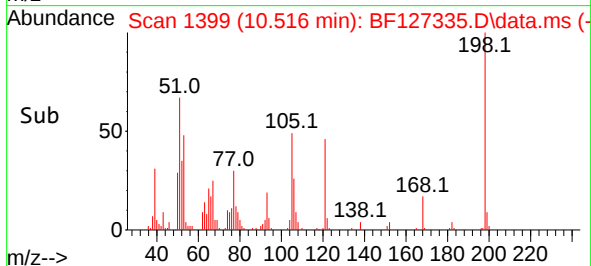
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



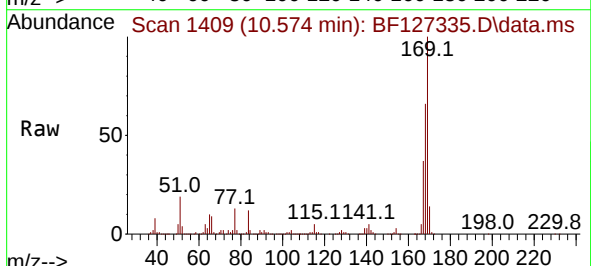
Tgt Ion:198 Resp: 29178
Ion Ratio Lower Upper
198 100
51 67.9 32.0 72.0
105 50.6 32.7 72.7

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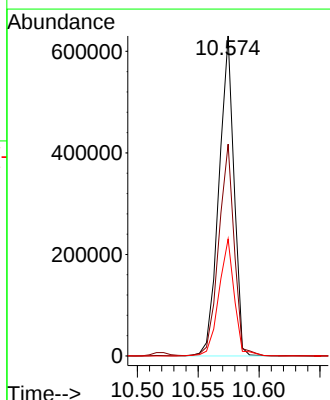
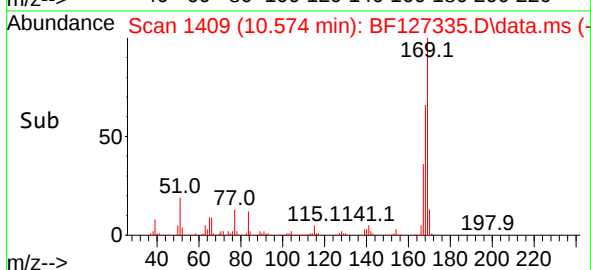
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

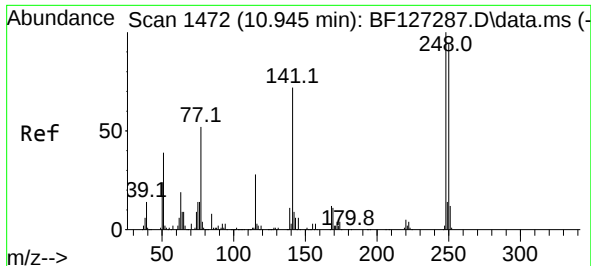


#66
n-Nitrosodiphenylamine
Concen: 45.206 ng
RT: 10.574 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



Tgt Ion:169 Resp: 543883
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.5 29.4 44.0





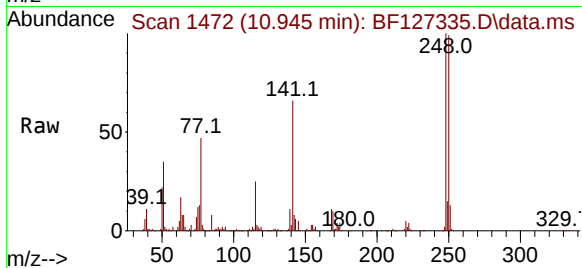
#67
4-Bromophenyl-phenylether
Concen: 44.910 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

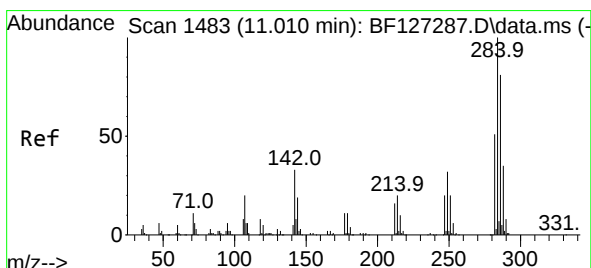
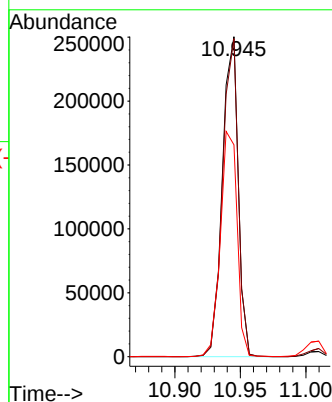
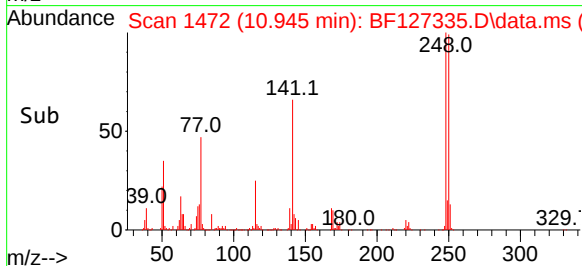


Tgt Ion:248 Resp: 20972
Ion Ratio Lower Upper
248 100
250 99.4 76.2 114.4
141 66.2 66.2 99.4

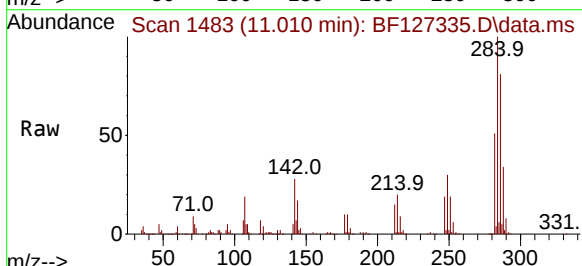
Manual Integrations

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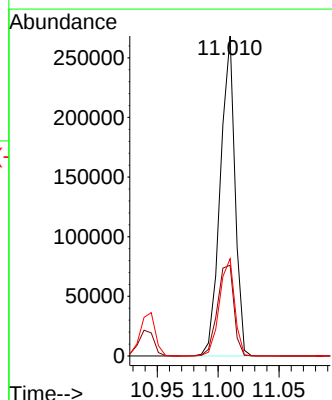
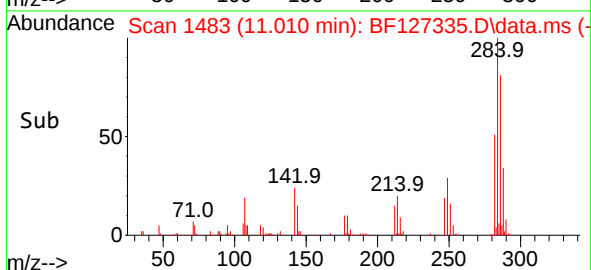
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

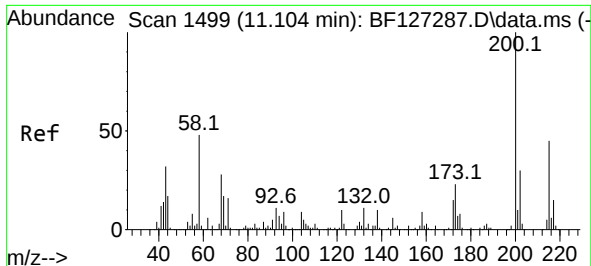


#68
Hexachlorobenzene
Concen: 44.303 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



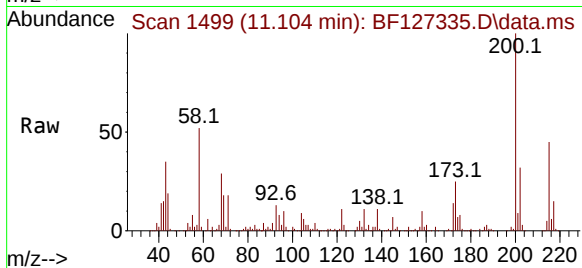
Tgt Ion:284 Resp: 225470
Ion Ratio Lower Upper
284 100
142 28.4 30.7 46.1#
249 30.4 21.1 31.7





#69
 Atrazine
 Concen: 49.433 ng
 RT: 11.104 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: BF127335.D
 Acq: 15 Mar 2022 20:41

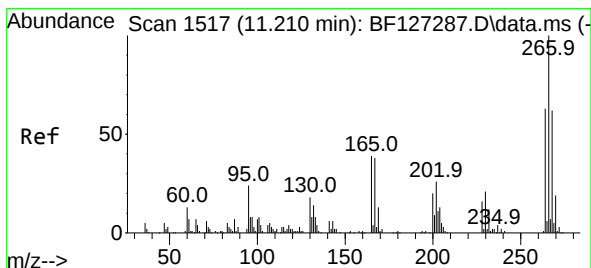
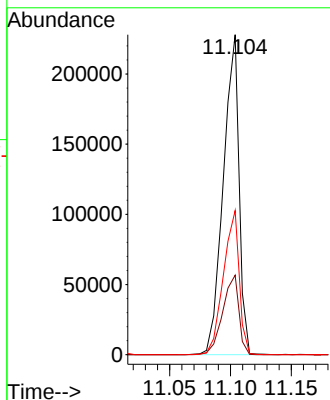
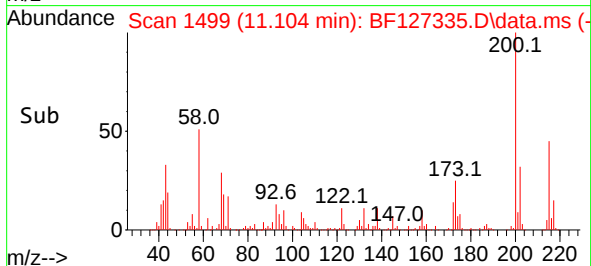
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MS



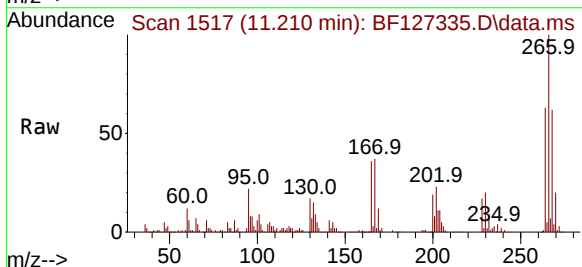
Tgt Ion:200 Resp: 205227
 Ion Ratio Lower Upper
 200 100
 173 24.8 9.2 49.2
 215 45.1 23.2 63.2

Manual Integrations
 APPROVED

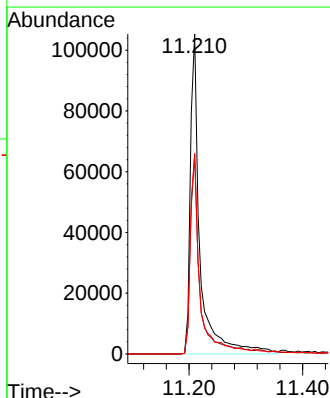
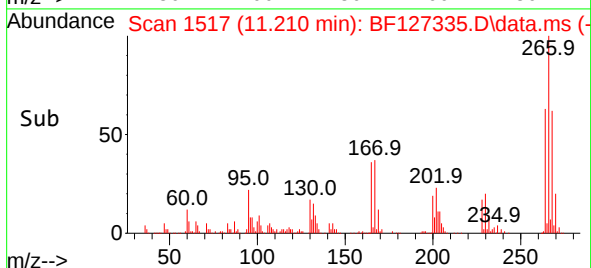
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

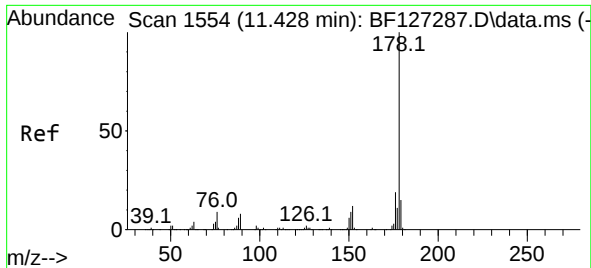


#70
 Pentachlorophenol
 Concen: 61.166 ng
 RT: 11.210 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: BF127335.D
 Acq: 15 Mar 2022 20:41



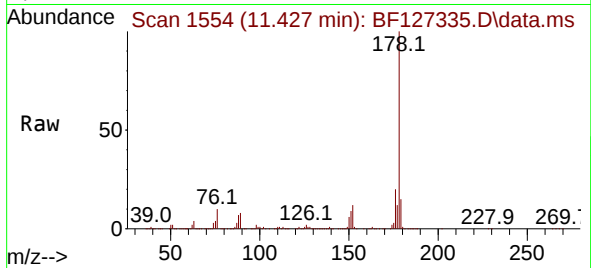
Tgt Ion:266 Resp: 125685
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.3 78.5
 264 62.6 50.4 75.6





#71
Phenanthrene
Concen: 43.255 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

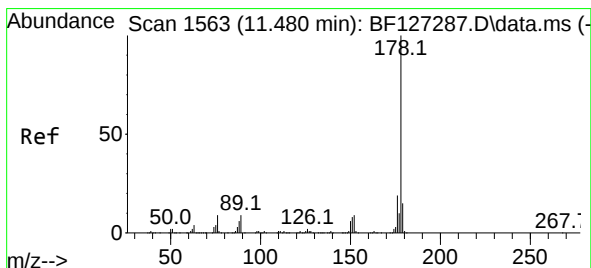
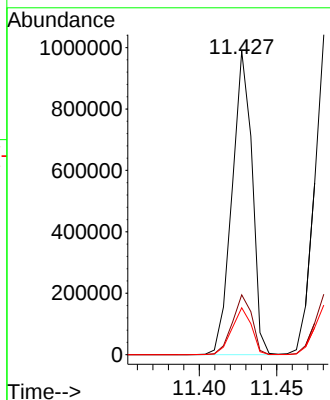
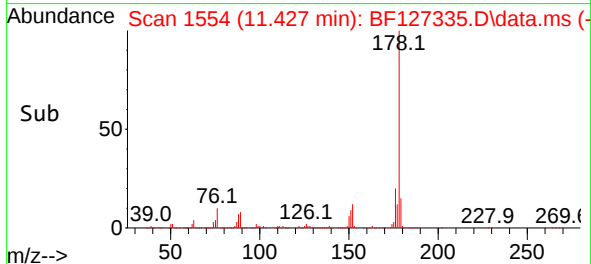
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



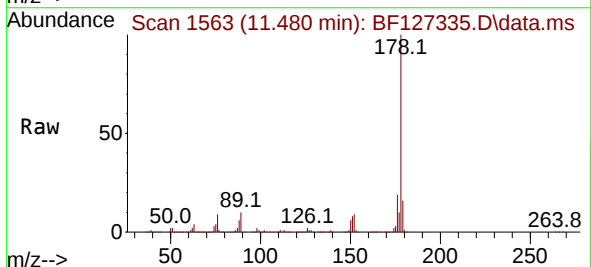
Tgt Ion:178 Resp: 884554
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.4 12.3 18.5

Manual Integrations
APPROVED

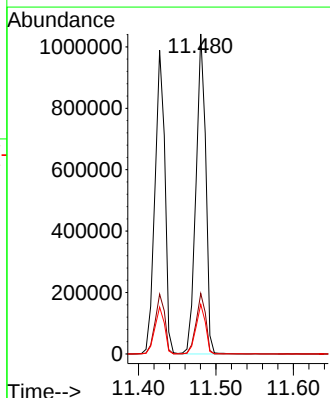
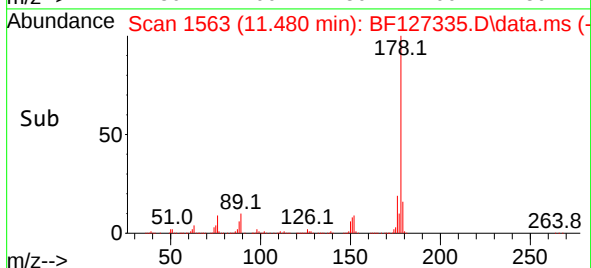
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

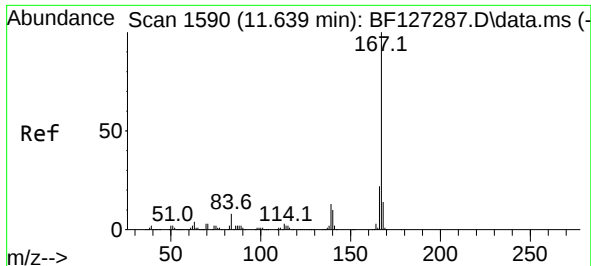


#72
Anthracene
Concen: 44.775 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



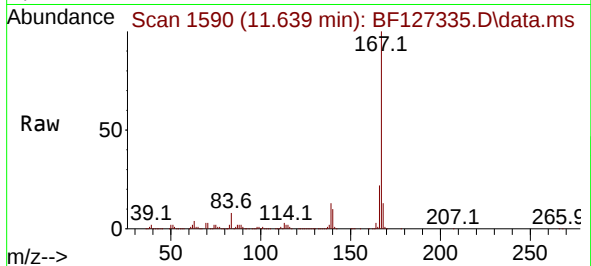
Tgt Ion:178 Resp: 906795
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 39.439 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127335.D
 Acq: 15 Mar 2022 20:41

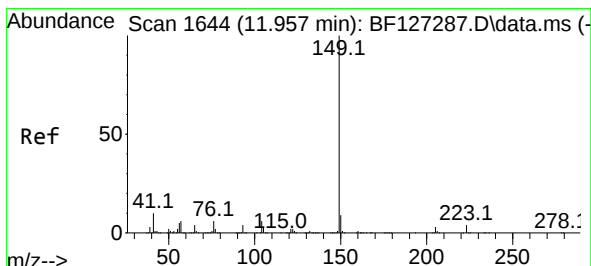
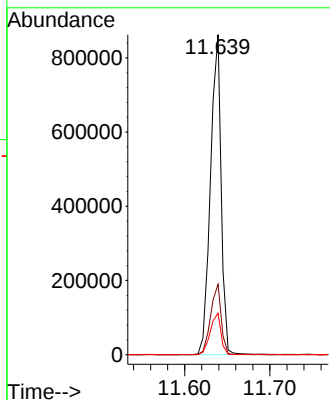
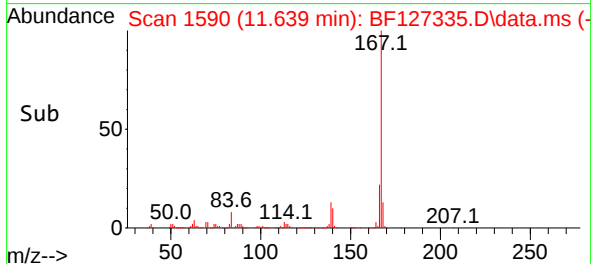
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MS



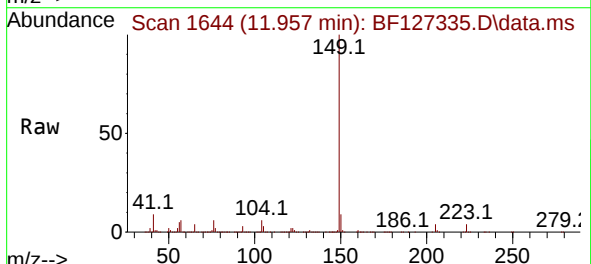
Tgt Ion:167 Resp: 752152
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.9 25.3
 139 12.9 11.3 16.9

Manual Integrations
 APPROVED

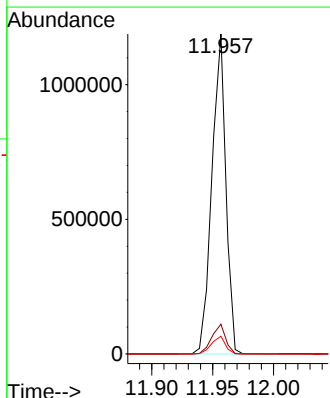
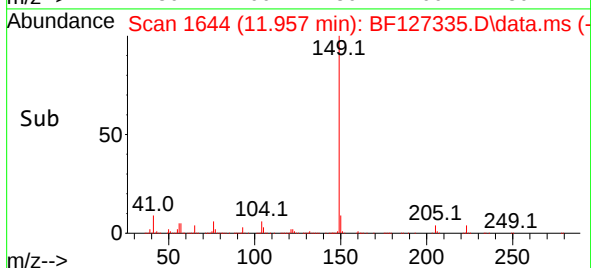
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

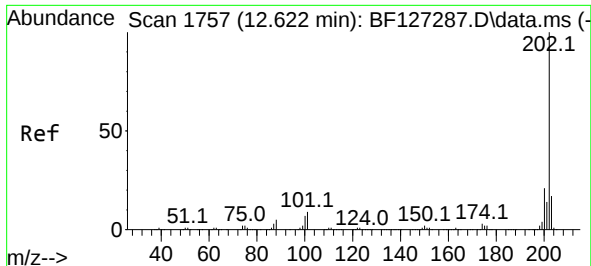


#74
 Di-n-butylphthalate
 Concen: 42.653 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127335.D
 Acq: 15 Mar 2022 20:41



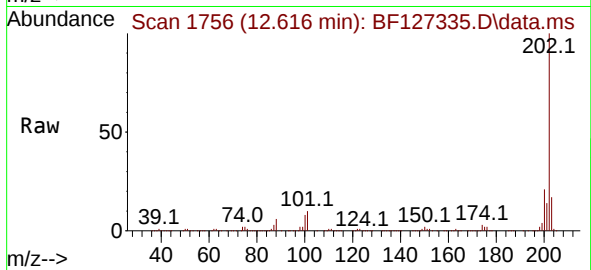
Tgt Ion:149 Resp: 951448
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.6 4.2 6.2





#75
Fluoranthene
Concen: 37.790 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

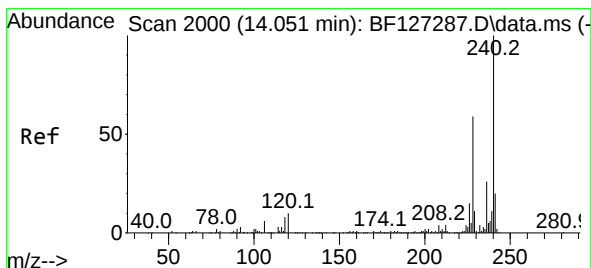
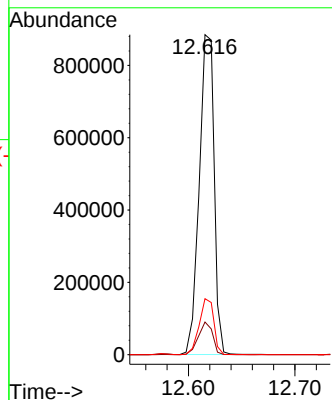
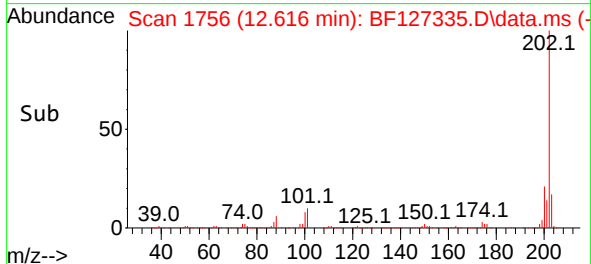
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



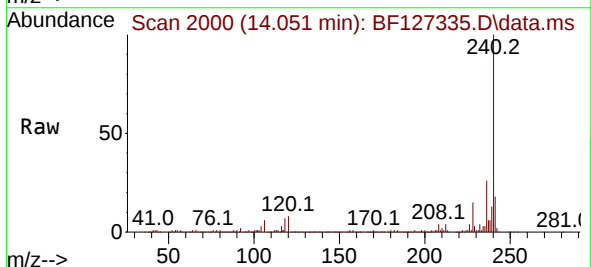
Tgt Ion:202 Resp: 864078
Ion Ratio Lower Upper
202 100
101 10.2 0.0 35.7
203 17.5 0.0 37.1

Manual Integrations
APPROVED

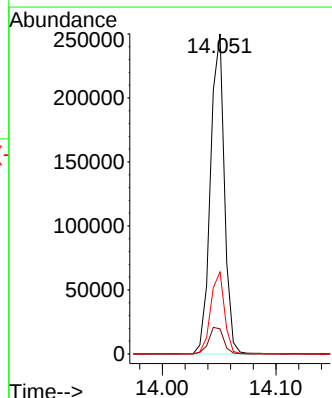
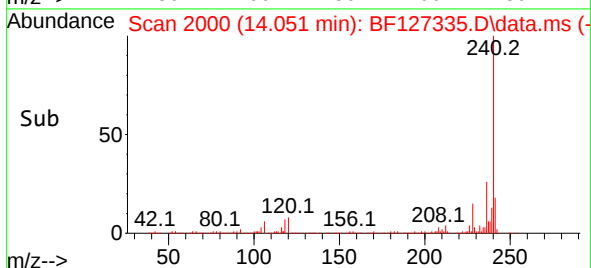
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

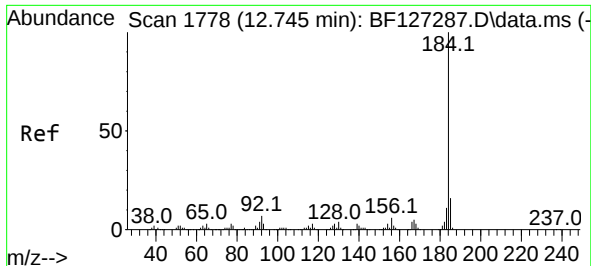


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



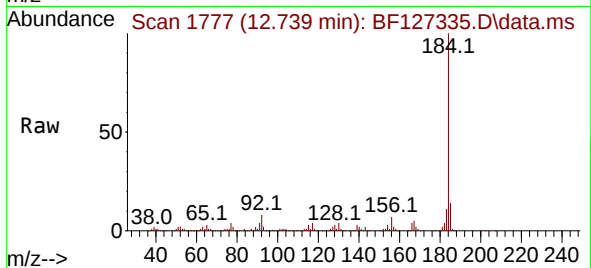
Tgt Ion:240 Resp: 211944
Ion Ratio Lower Upper
240 100
120 7.9 14.4 21.6#
236 25.6 20.5 30.7





#77
Benzidine
Concen: 49.139 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

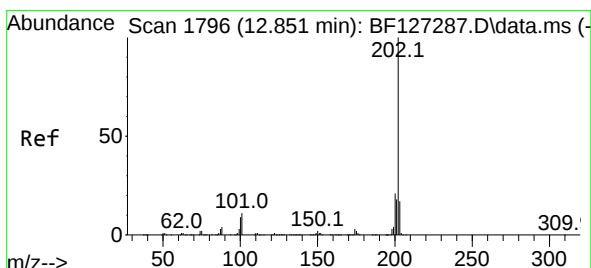
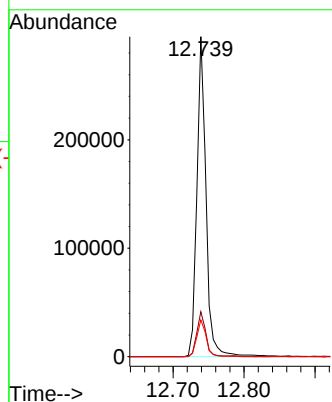
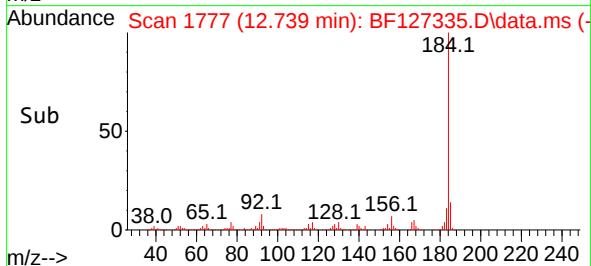
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:184 Resp: 26484
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.5 8.2 12.2

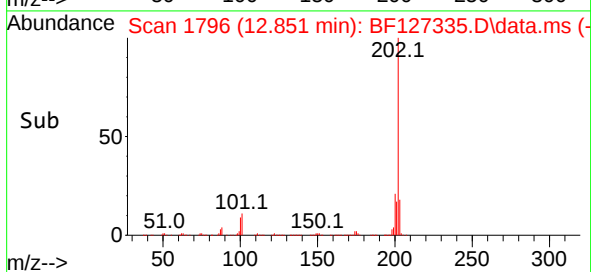
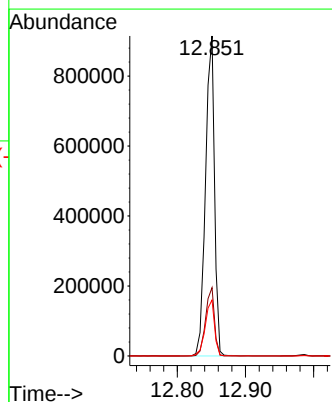
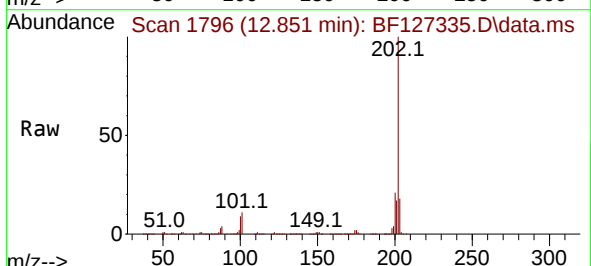
Manual Integrations
APPROVED

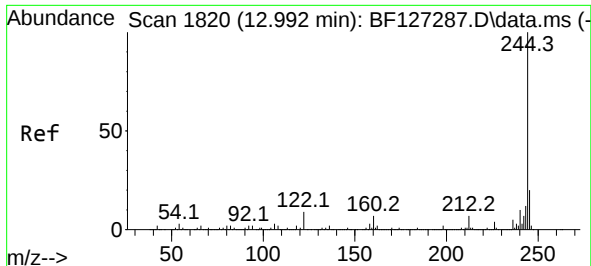
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#78
Pyrene
Concen: 50.797 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

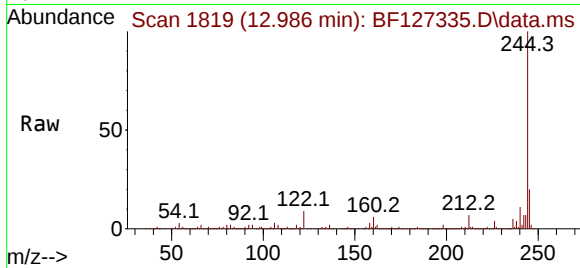
Tgt Ion:202 Resp: 838576
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.5 13.8 20.8





#79
 Terphenyl-d14
 Concen: 78.772 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127335.D
 Acq: 15 Mar 2022 20:41

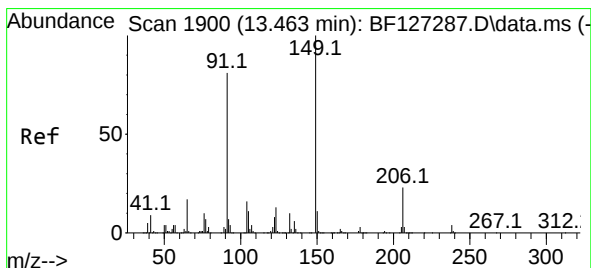
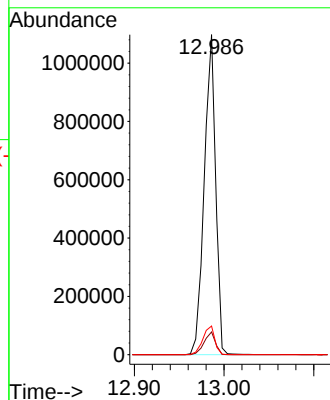
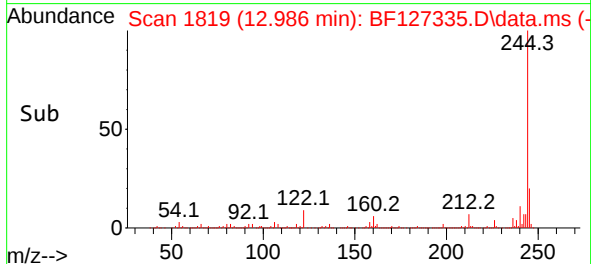
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MS



Tgt Ion:244 Resp: 96955
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 9.0 13.3 19.9

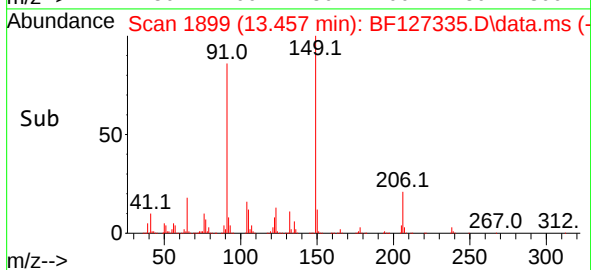
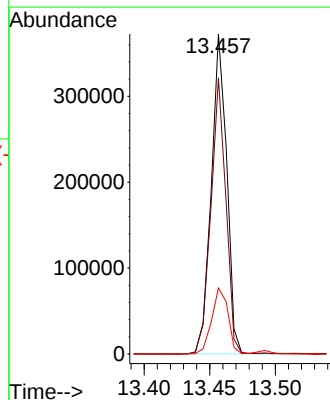
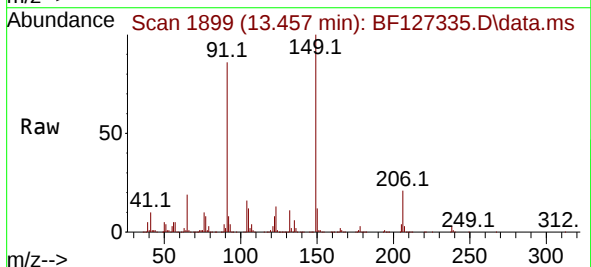
Manual Integrations
 APPROVED

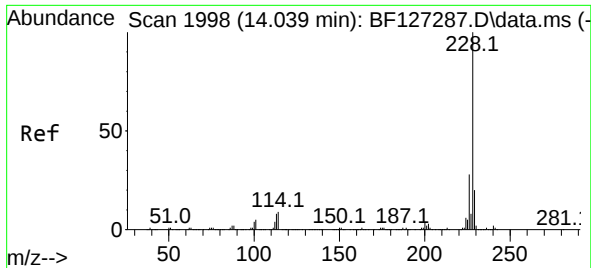
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#80
 Butylbenzylphthalate
 Concen: 48.095 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127335.D
 Acq: 15 Mar 2022 20:41

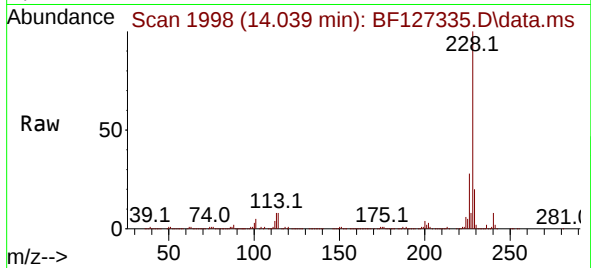
Tgt Ion:149 Resp: 305562
 Ion Ratio Lower Upper
 149 100
 91 86.3 70.5 105.7
 206 20.6 12.6 19.0





#81
Benzo(a)anthracene
Concen: 45.369 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

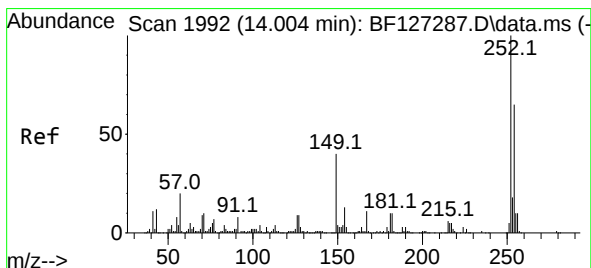
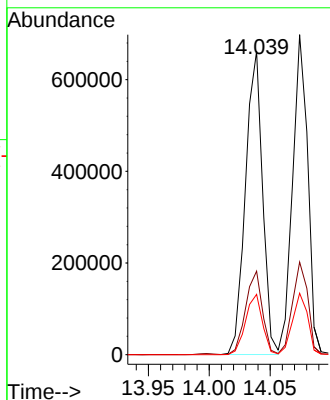
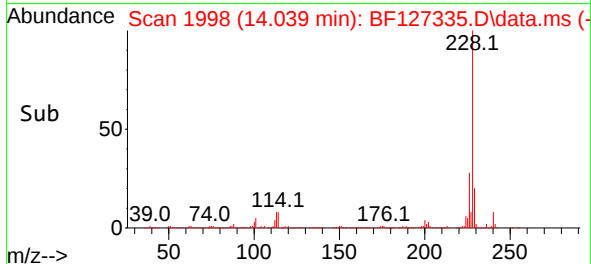
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



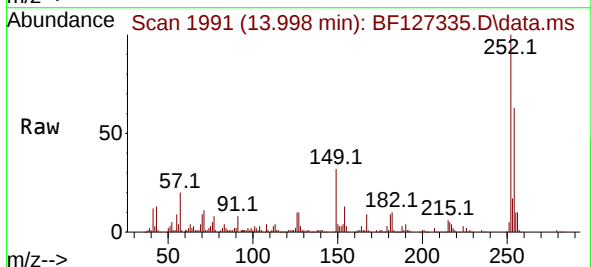
Tgt Ion:228 Resp: 647454
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.9 15.4 23.2

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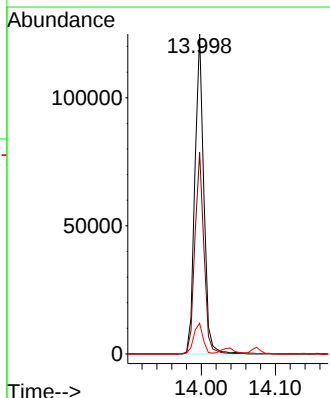
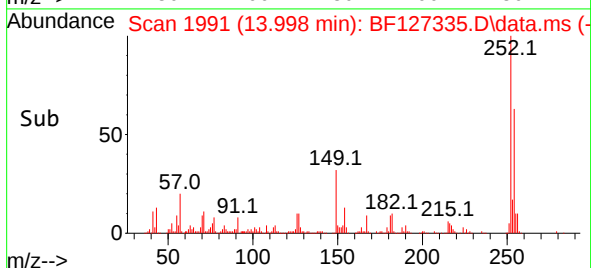
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

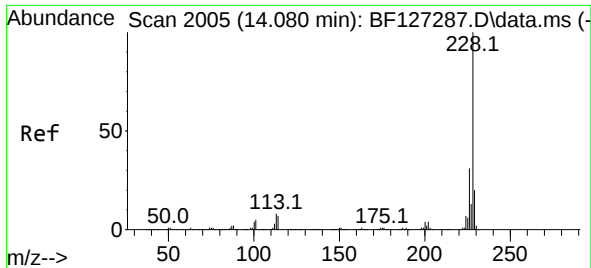


#82
3,3'-Dichlorobenzidine
Concen: 23.574 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41



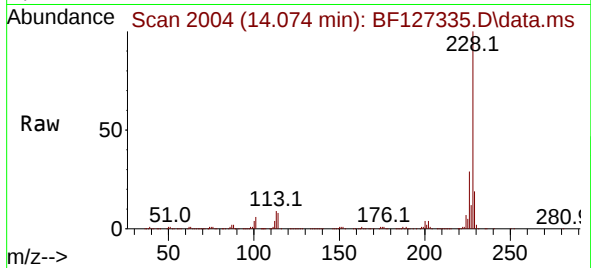
Tgt Ion:252 Resp: 104603
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 9.6 13.4 20.0#





#83
Chrysene
Concen: 45.544 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

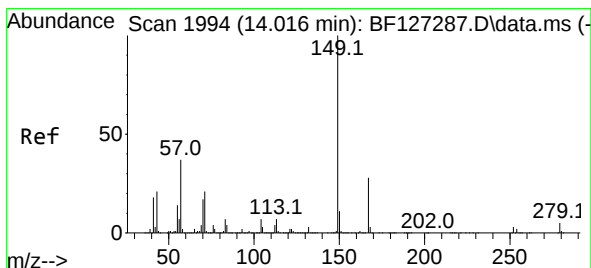
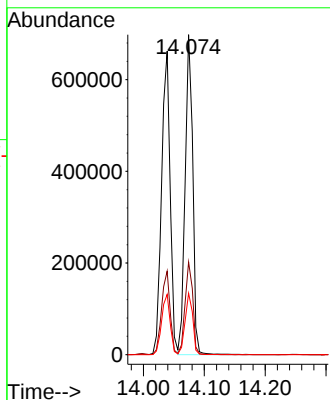
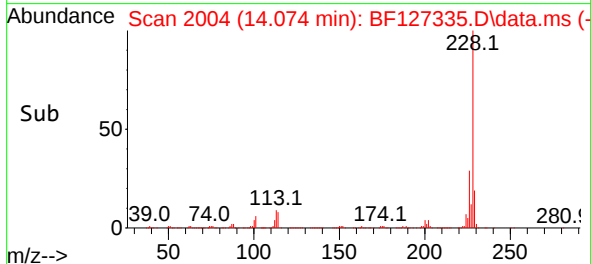
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:228 Resp: 604524
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 19.2 15.5 23.3

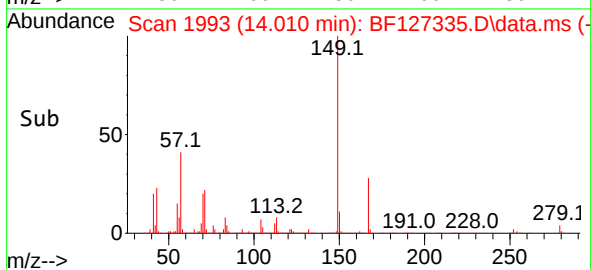
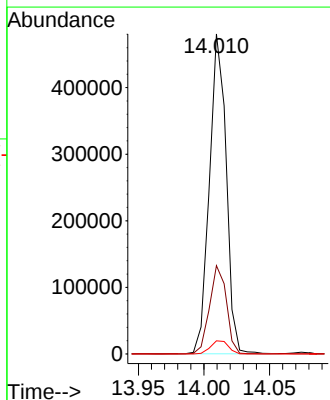
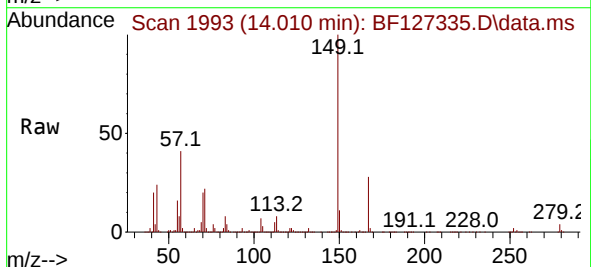
Manual Integrations
APPROVED

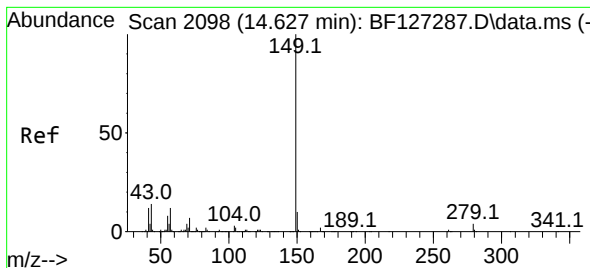
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.038 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

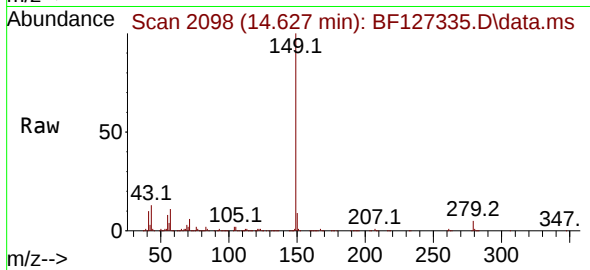
Tgt Ion:149 Resp: 427946
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.2
279 4.1 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 53.530 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

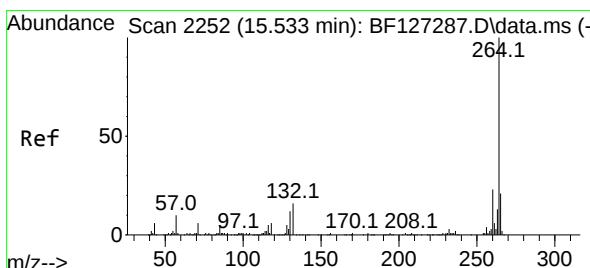
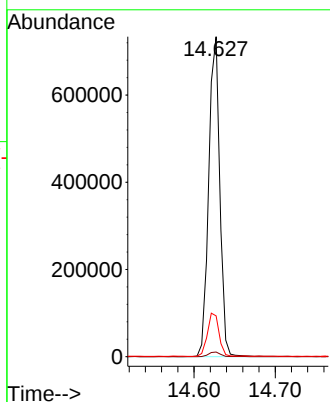
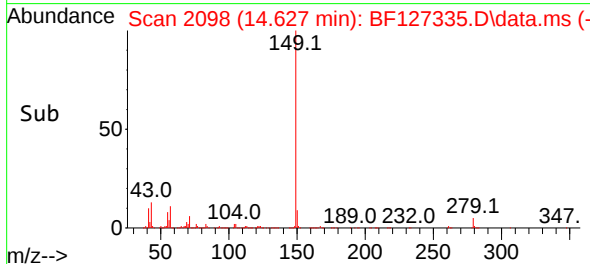
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:149 Resp: 69292
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.0 9.9 14.9

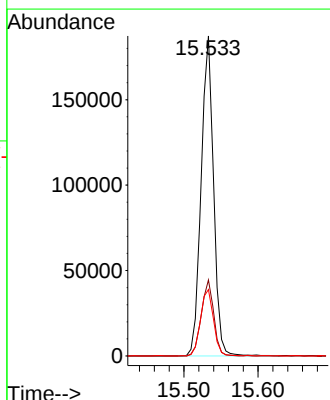
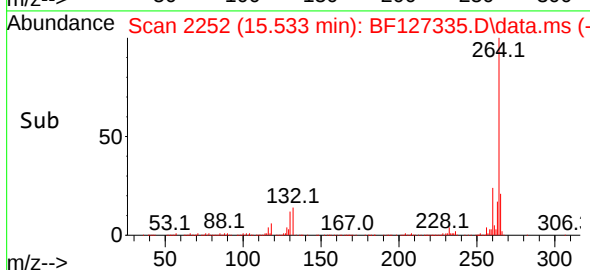
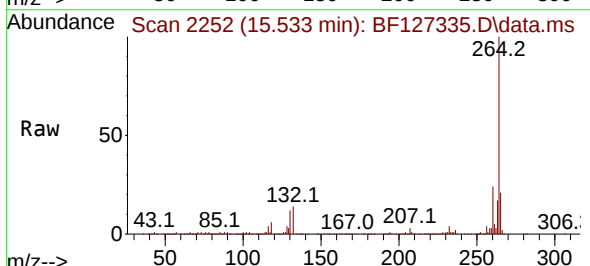
Manual Integrations
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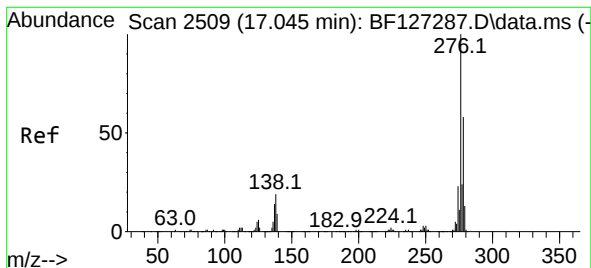
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion:264 Resp: 218419
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.115 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS

Tgt Ion:276 Resp: 68572

Ion Ratio Lower Upper

276 100

138 21.7 29.2 43.8

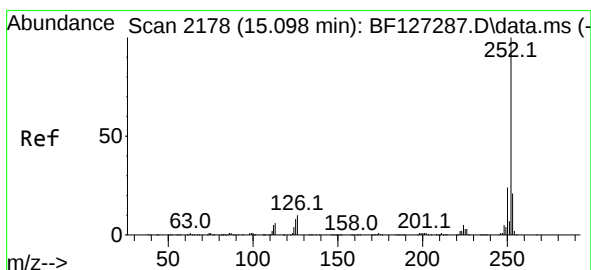
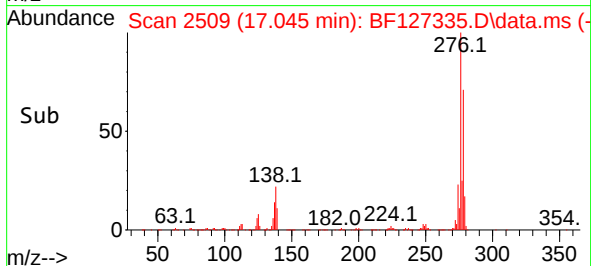
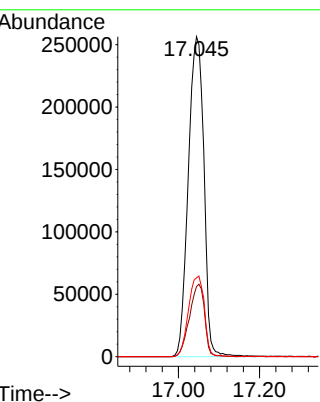
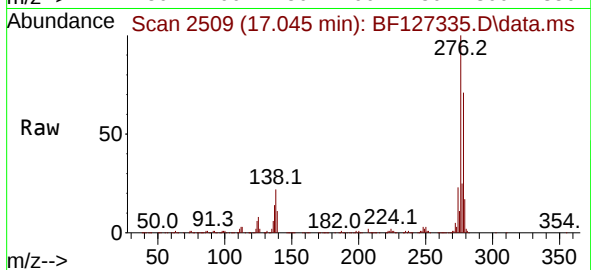
277 25.5 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#88

Benzo(b)fluoranthene

Concen: 43.519 ng

RT: 15.098 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

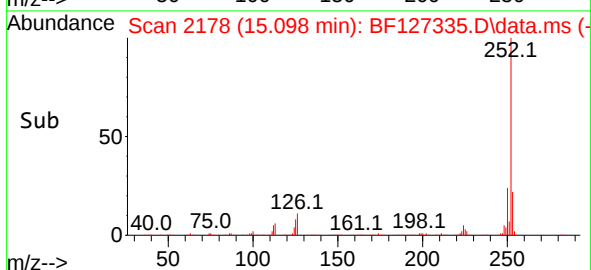
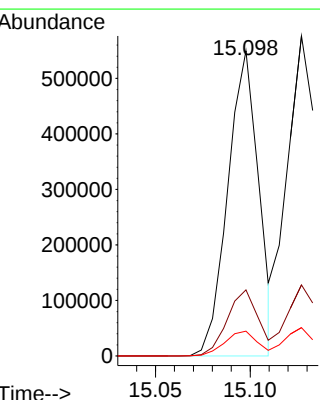
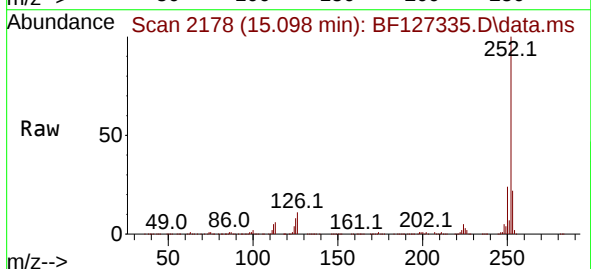
Tgt Ion:252 Resp: 623930

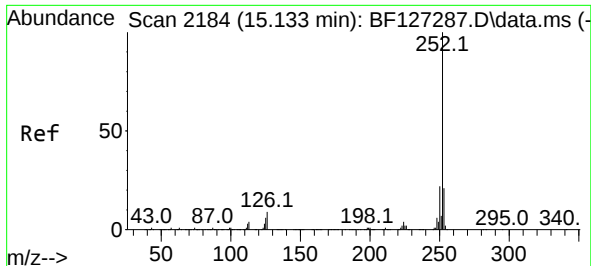
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.2 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 45.845 ng

RT: 15.127 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BF127335.D

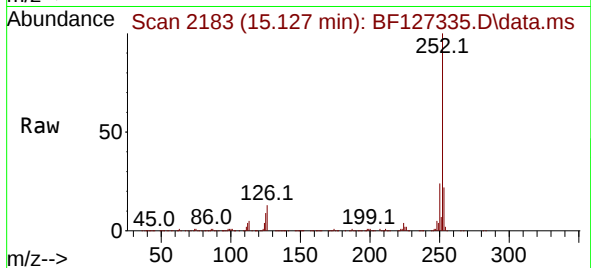
Acq: 15 Mar 2022 20:41

Instrument :

BNA_F

ClientSampleId :

COMP-5MS



Tgt Ion:252 Resp: 618010

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

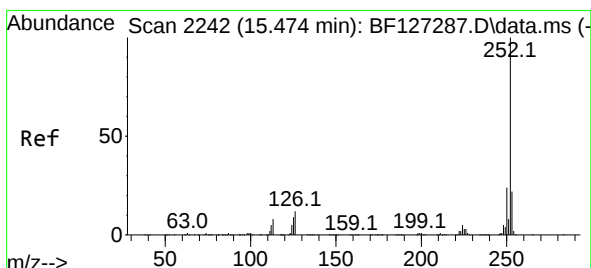
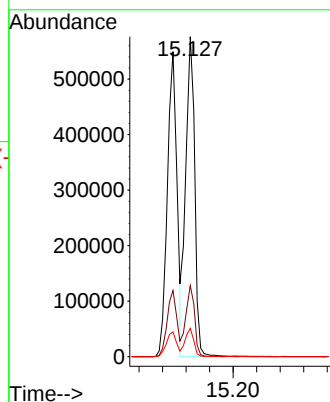
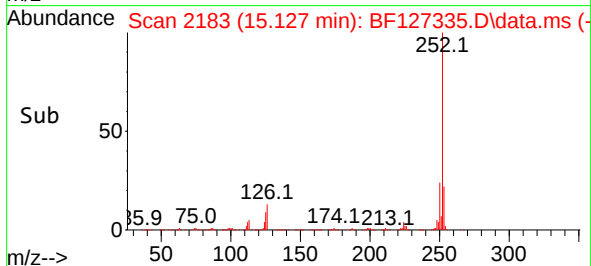
125 8.9 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#90

Benzo(a)pyrene

Concen: 55.155 ng

RT: 15.474 min Scan# 2242

Delta R.T. -0.000 min

Lab File: BF127335.D

Acq: 15 Mar 2022 20:41

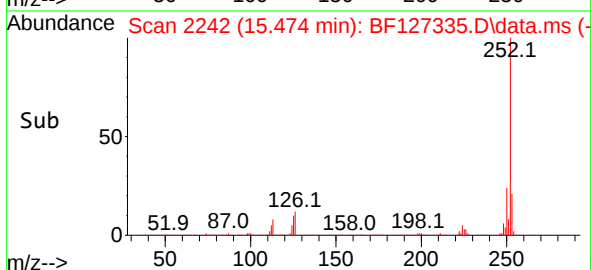
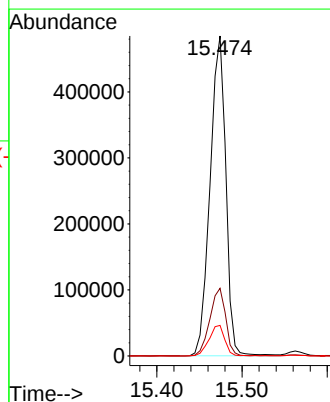
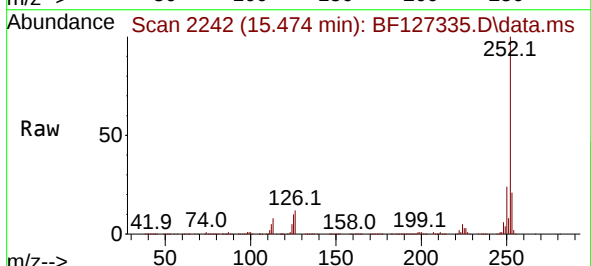
Tgt Ion:252 Resp: 622687

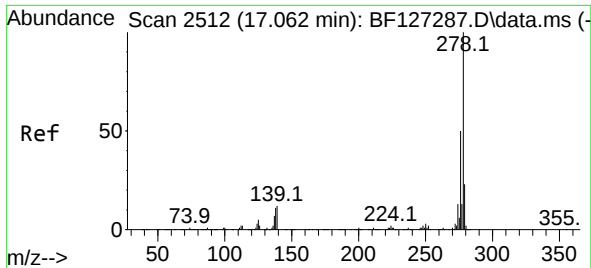
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

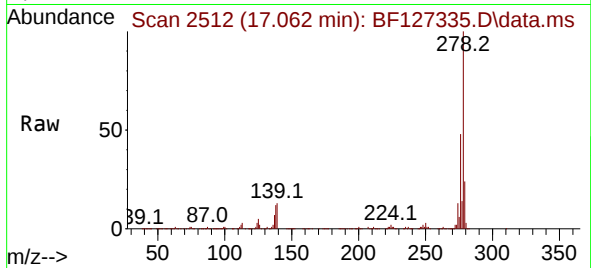
125 9.6 13.0 19.6#





#91
Dibenzo(a,h)anthracene
Concen: 55.963 ng
RT: 17.062 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

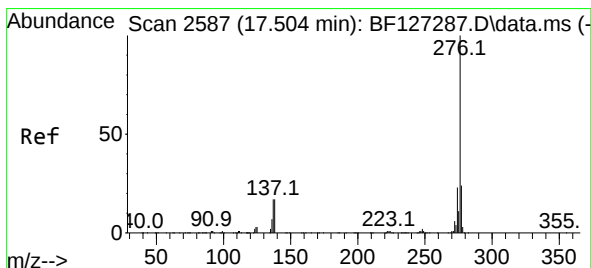
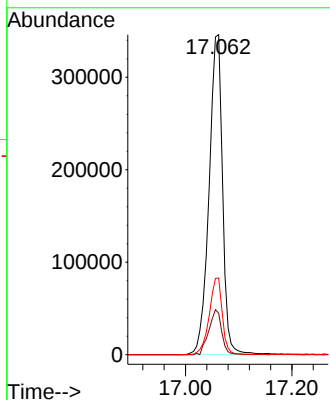
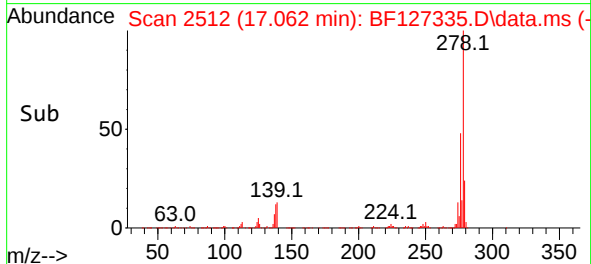
Instrument :
BNA_F
ClientSampleId :
COMP-5MS



Tgt Ion:278 Resp: 612859
Ion Ratio Lower Upper
278 100
139 13.0 18.0 27.0
279 24.0 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: 54.283 ng
RT: 17.503 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BF127335.D
Acq: 15 Mar 2022 20:41

Tgt Ion:276 Resp: 579870
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 18.4 25.9 38.9

