

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127658.D
 Acq On : 06 Apr 2022 20:08
 Operator : CG\JU
 Sample : N2277-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-1MSD

Quant Time: Apr 07 02:39:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/07/2022
 Supervised By : Jagrut Upadhyay 04/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	89240	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	334471	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	194889	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	381999	20.000	ng	0.00
76) Chrysene-d12	14.157	240	322719	20.000	ng	0.00
86) Perylene-d12	15.680	264	281928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	579068	105.438	ng	0.00
7) Phenol-d6	6.581	99	752904	104.792	ng	0.00
23) Nitrobenzene-d5	7.528	82	525100	69.990	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	223662	107.846	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	927925	67.356	ng	0.00
79) Terphenyl-d14	13.092	244	1244252	63.639	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	110674	42.486	ng	87
3) Pyridine	3.599	79	287844	41.954	ng	89
4) n-Nitrosodimethylamine	3.563	42	176011	47.702	ng	98
6) Aniline	6.628	93	403719m	47.114	ng	
8) 2-Chlorophenol	6.745	128	284977	51.153	ng	96
9) Benzaldehyde	6.516	77	231282	69.670	ng	97
10) Phenol	6.592	94	369267	51.400	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	290576	48.977	ng	91
12) 1,3-Dichlorobenzene	6.904	146	307126	48.247	ng	98
13) 1,4-Dichlorobenzene	6.981	146	308757	47.981	ng	97
14) 1,2-Dichlorobenzene	7.134	146	296849	48.261	ng	97
15) Benzyl Alcohol	7.098	79	295272	47.009	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.234	45	441123	47.103	ng	99
17) 2-Methylphenol	7.204	107	243648	50.277	ng	98
18) Hexachloroethane	7.481	117	118236	48.152	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	229872	49.468	ng	96
20) 3+4-Methylphenols	7.357	107	305636	49.492	ng	# 60
22) Acetophenone	7.375	105	414782	46.149	ng	# 84
24) Nitrobenzene	7.545	77	349636	48.075	ng	97
25) Isophorone	7.786	82	645788	49.330	ng	99
26) 2-Nitrophenol	7.863	139	135640	51.897	ng	92
27) 2,4-Dimethylphenol	7.892	122	272601	53.272	ng	97
28) bis(2-Chloroethoxy)met...	7.992	93	360849	44.703	ng	99
29) 2,4-Dichlorophenol	8.098	162	253942	46.067	ng	97
30) 1,2,4-Trichlorobenzene	8.186	180	278104	43.836	ng	96
31) Naphthalene	8.269	128	806635	46.024	ng	98
32) Benzoic acid	7.998	122	171197	46.113	ng	96
33) 4-Chloroaniline	8.316	127	233671	33.853	ng	97
34) Hexachlorobutadiene	8.386	225	188984	43.304	ng	98
35) Caprolactam	8.681	113	81315m	49.910	ng	
36) 4-Chloro-3-methylphenol	8.792	107	274555	47.507	ng	98
37) 2-Methylnaphthalene	8.963	142	541583	46.202	ng	99
38) 1-Methylnaphthalene	9.063	142	524771	46.381	ng	98
40) 1,2,4,5-Tetrachloroben...	9.128	216	280521	43.885	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	378852	98.390	ng	97
43) 2,4,6-Trichlorophenol	9.233	196	190072	43.798	ng	99

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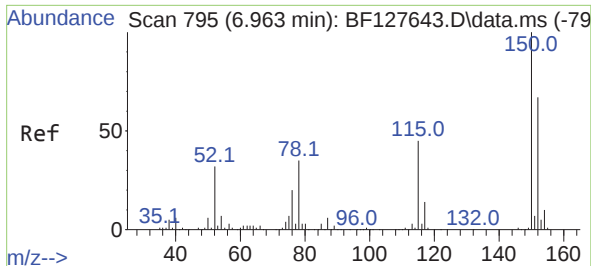
Quant Time: Apr 07 02:39:41 2022
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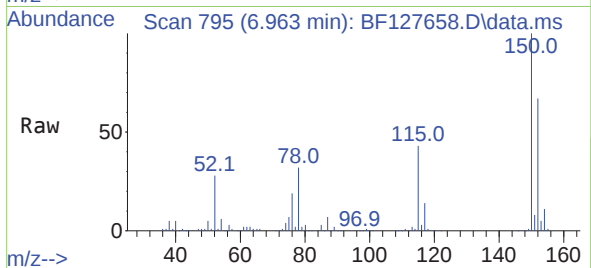
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	201916	46.109	ng	96
46) 1,1'-Biphenyl	9.428	154	683719	45.873	ng	99
47) 2-Chloronaphthalene	9.457	162	534423	45.120	ng	100
48) 2-Nitroaniline	9.551	65	193088	52.488	ng	90
49) Acenaphthylene	9.875	152	886879	49.227	ng	99
50) Dimethylphthalate	9.728	163	660751	46.774	ng	98
51) 2,6-Dinitrotoluene	9.792	165	138406	51.978	ng	95
52) Acenaphthene	10.045	154	571895	50.385	ng	98
53) 3-Nitroaniline	9.963	138	107821	38.329	ng	95
54) 2,4-Dinitrophenol	10.063	184	125444	94.051	ng	89
55) Dibenzofuran	10.222	168	757835	45.753	ng	98
56) 4-Nitrophenol	10.110	139	233154	105.521	ng	90
57) 2,4-Dinitrotoluene	10.192	165	184104	55.767	ng	95
58) Fluorene	10.563	166	588138	48.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	175430	45.974	ng	96
60) Diethylphthalate	10.433	149	637526	47.161	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	306900	45.640	ng	94
62) 4-Nitroaniline	10.580	138	145371	54.870	ng	91
63) Azobenzene	10.716	77	703534	46.575	ng	96
65) 4,6-Dinitro-2-methylph...	10.604	198	82272	44.590	ng	82
66) n-Nitrosodiphenylamine	10.675	169	528765	43.951	ng	98
67) 4-Bromophenyl-phenylether	11.045	248	199802	43.097	ng	# 91
68) Hexachlorobenzene	11.110	284	223665	44.134	ng	98
69) Atrazine	11.198	200	206757	51.725	ng	99
70) Pentachlorophenol	11.298	266	259192	85.631	ng	97
71) Phenanthrene	11.533	178	918069	45.360	ng	99
72) Anthracene	11.580	178	932319	46.568	ng	98
73) Carbazole	11.733	167	862682	45.986	ng	99
74) Di-n-butylphthalate	12.063	149	1055047	47.046	ng	99
75) Fluoranthene	12.721	202	1097333	49.684	ng	99
77) Benzidine	12.845	184	670080	79.552	ng	99
78) Pyrene	12.957	202	1122077	41.175	ng	99
80) Butylbenzylphthalate	13.568	149	462521	45.584	ng	97
81) Benzo(a)anthracene	14.145	228	1004359	46.597	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	216066	32.155	ng	98
83) Chrysene	14.186	228	936746	45.275	ng	97
84) Bis(2-ethylhexyl)phtha...	14.127	149	636871	44.530	ng	96
85) Di-n-octyl phthalate	14.751	149	1007415	48.174	ng	95
87) Indeno(1,2,3-cd)pyrene	17.251	276	889772	50.513	ng	100
88) Benzo(b)fluoranthene	15.227	252	922076	50.841	ng	99
89) Benzo(k)fluoranthene	15.262	252	790005	43.919	ng	98
90) Benzo(a)pyrene	15.615	252	822358	55.787	ng	98
91) Dibenzo(a,h)anthracene	17.274	278	766406	53.700	ng	97
92) Benzo(g,h,i)perylene	17.733	276	786377	53.746	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

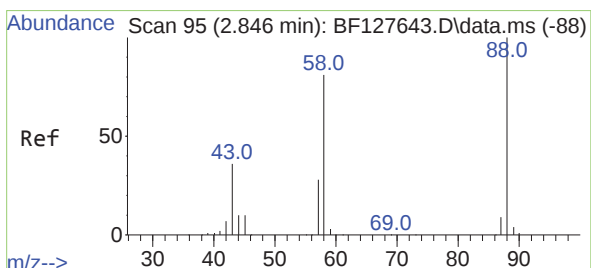
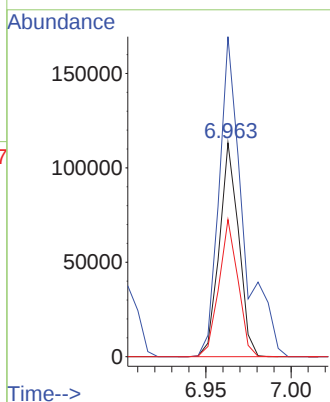
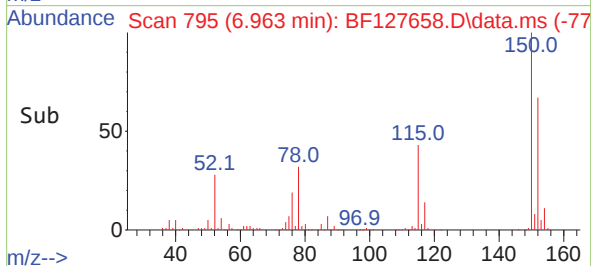
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



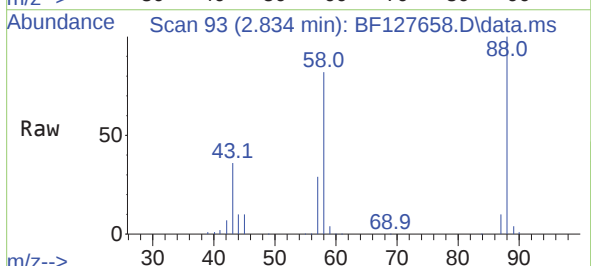
Tgt Ion:152 Resp: 89240
Ion Ratio Lower Upper
152 100
150 149.5 117.2 175.8
115 64.1 49.8 74.6

Manual Integrations
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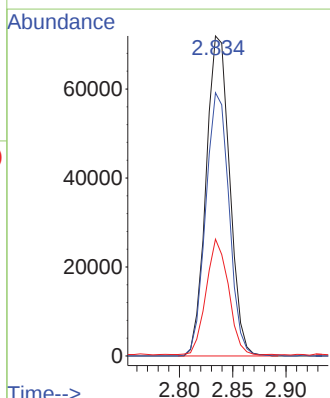
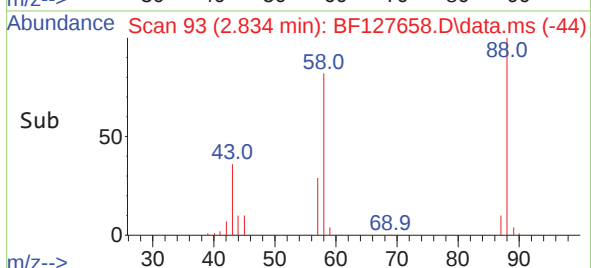
Reviewed By :Christian Giraldo 04/07/2022
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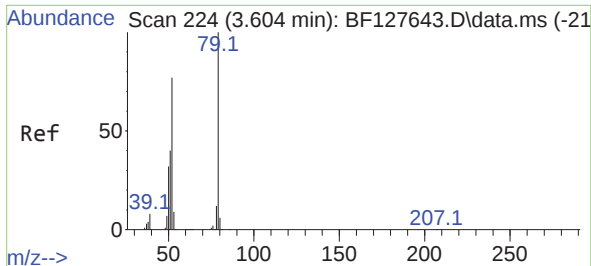


#2
1,4-Dioxane
Concen: 42.486 ng
RT: 2.834 min Scan# 93
Delta R.T. -0.012 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



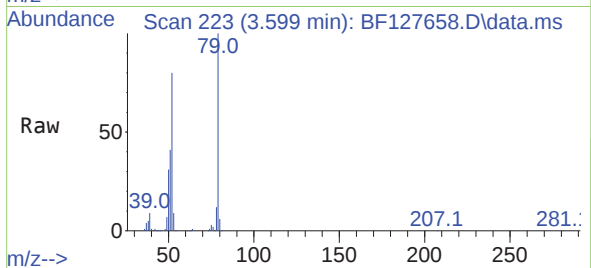
Tgt Ion: 88 Resp: 110674
Ion Ratio Lower Upper
88 100
58 81.7 77.0 115.4
43 34.4 31.3 46.9





#3
Pyridine
Concen: 41.954 ng
RT: 3.599 min Scan# 217
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

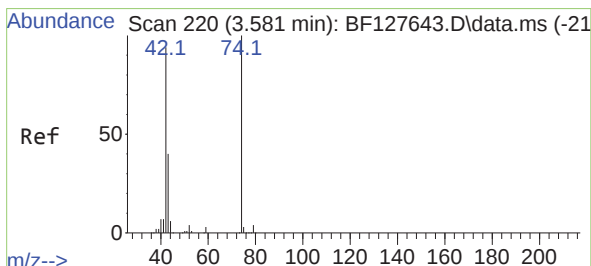
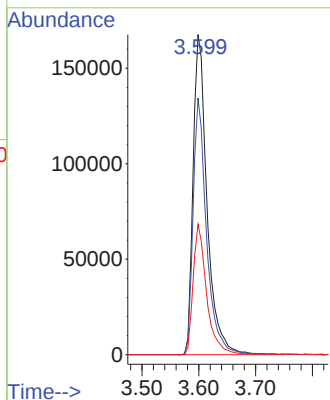
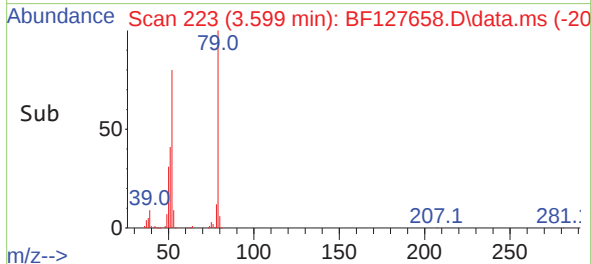
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



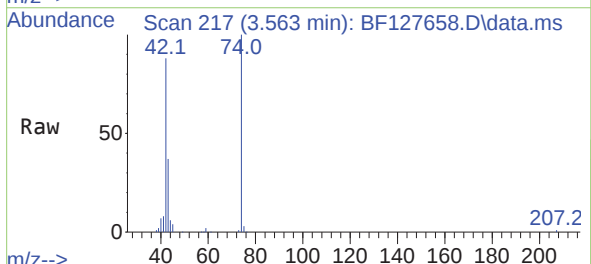
Tgt Ion: 79 Resp: 287844
Ion Ratio Lower Upper
79 100
52 80.2 74.2 111.4
51 40.7 36.7 55.1

Manual Integrations
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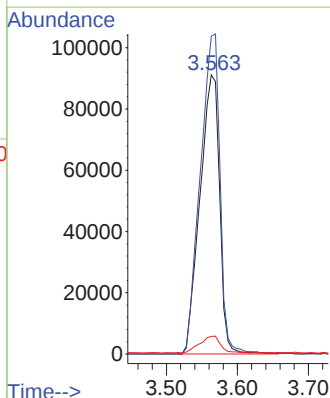
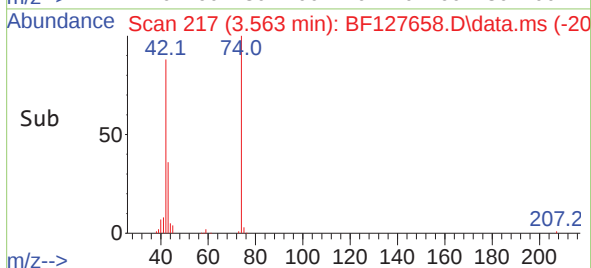
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

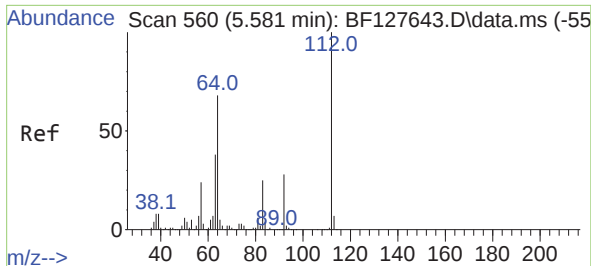


#4
n-Nitrosodimethylamine
Concen: 47.702 ng
RT: 3.563 min Scan# 217
Delta R.T. -0.018 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion: 42 Resp: 176011
Ion Ratio Lower Upper
42 100
74 113.9 92.4 138.6
44 6.3 6.0 9.0





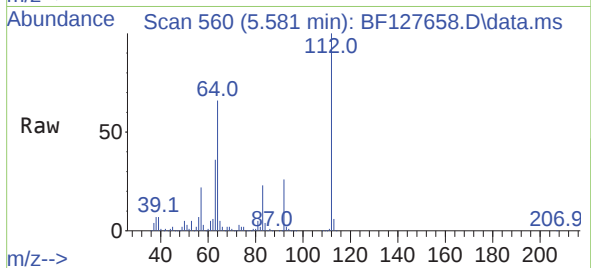
#5
2-Fluorophenol
Concen: 105.438 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

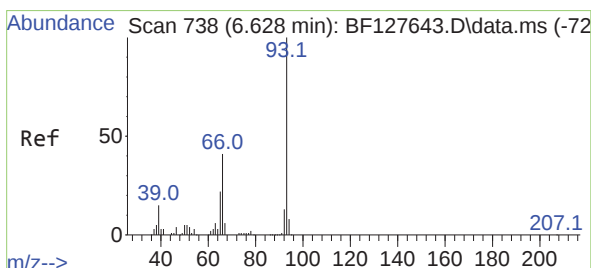
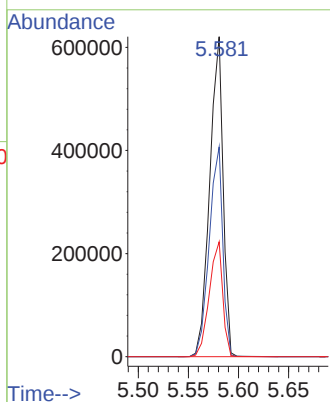
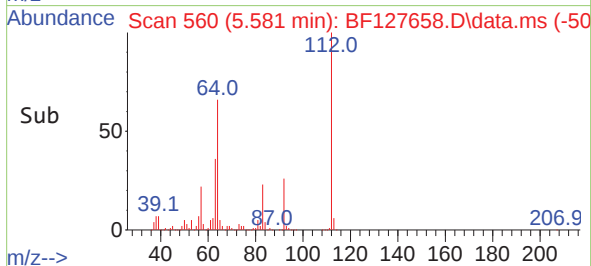
PF-1MSD



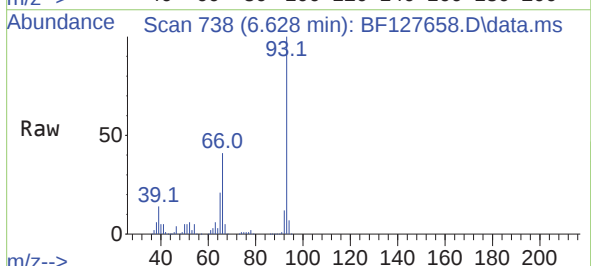
Tgt Ion: 112 Resp: 579068
Ion Ratio Lower Upper
112 100
64 65.5 58.4 87.6
63 35.9 30.1 45.1

Manual Integrations
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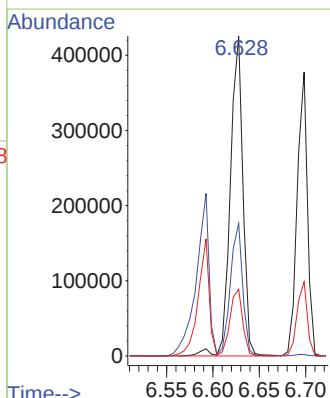
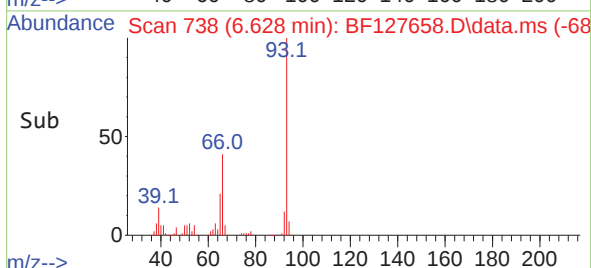
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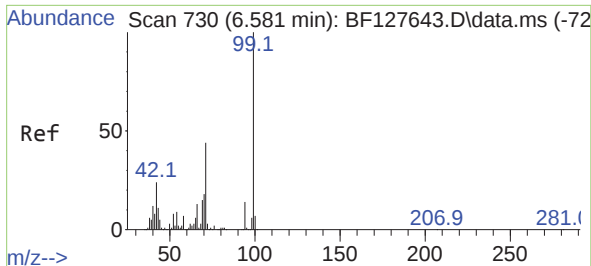


#6
Aniline
Concen: 47.114 ng m
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



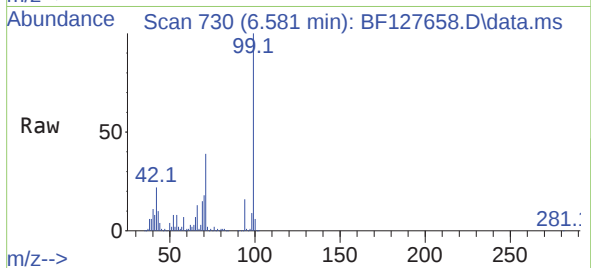
Tgt Ion: 93 Resp: 403719
Ion Ratio Lower Upper
93 100
66 41.4 36.2 54.4
65 20.9 18.4 27.6





#7
Phenol-d6
Concen: 104.792 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

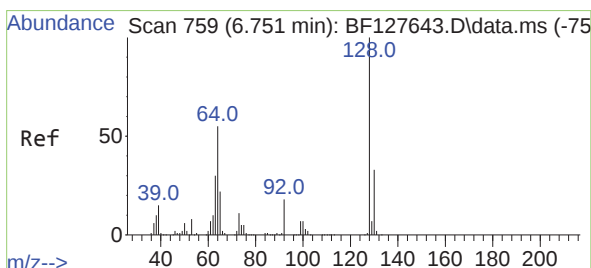
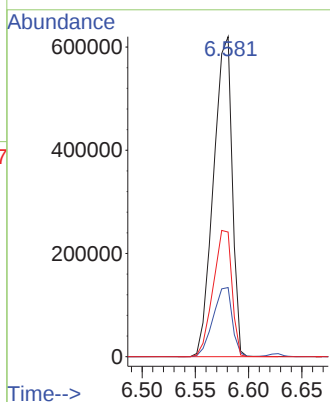
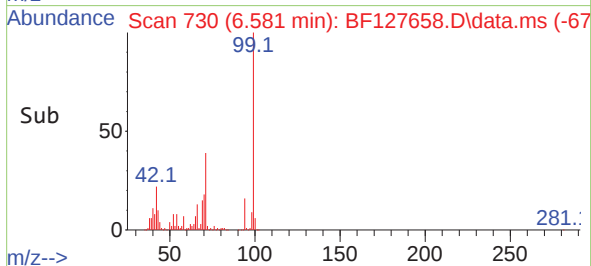
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion: 99 Resp: 752904
Ion Ratio Lower Upper
99 100
42 21.6 17.8 26.6
71 38.9 29.6 44.4

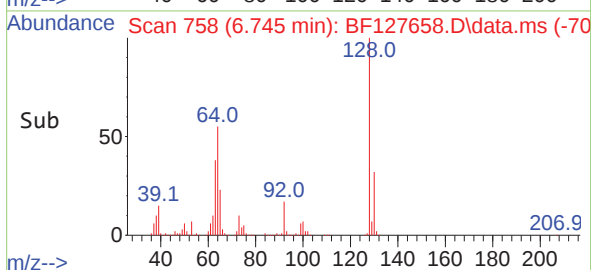
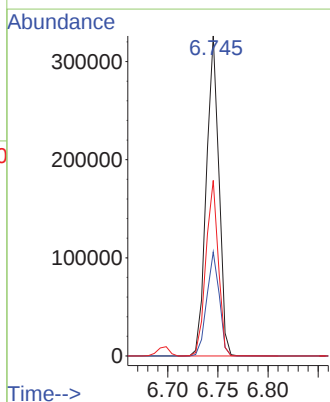
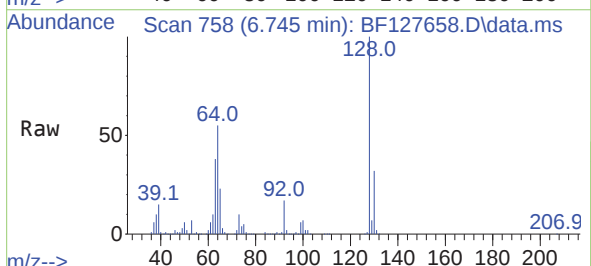
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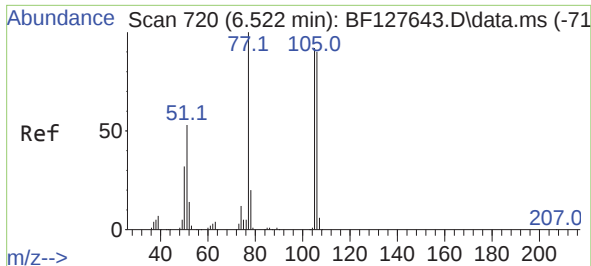
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#8
2-Chlorophenol
Concen: 51.153 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

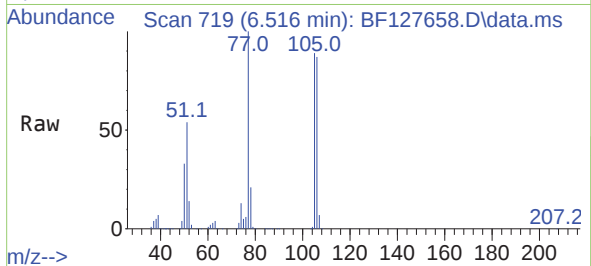
Tgt Ion:128 Resp: 284977
Ion Ratio Lower Upper
128 100
130 32.5 11.3 51.3
64 54.9 38.4 78.4





#9
Benzaldehyde
Concen: 69.670 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

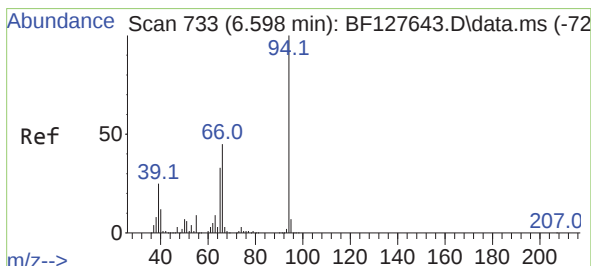
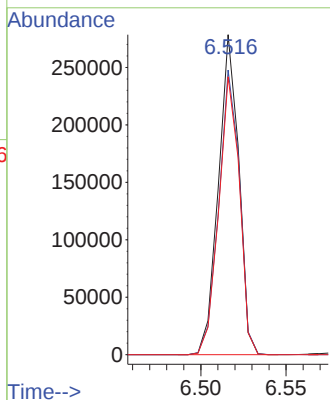
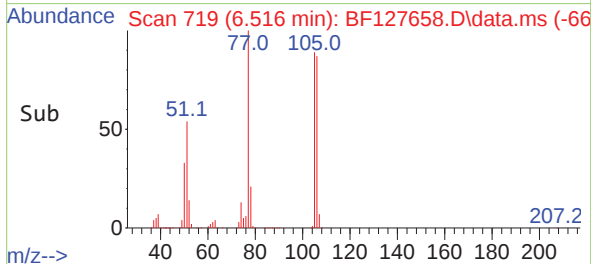
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion: 77 Resp: 23128
Ion Ratio Lower Upper
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105 89.0 66.8 106.8
106 86.8 64.3 104.3

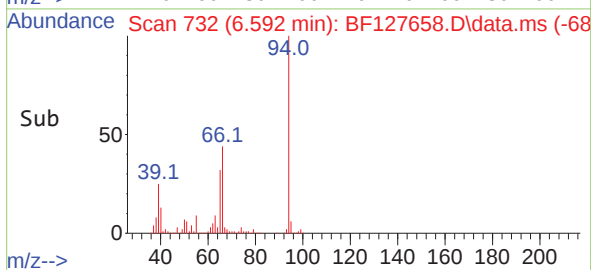
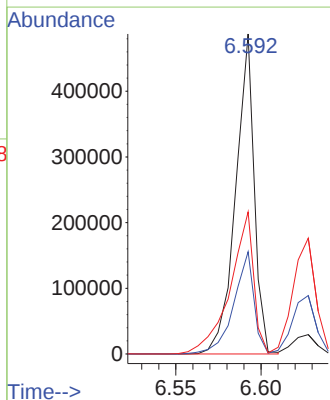
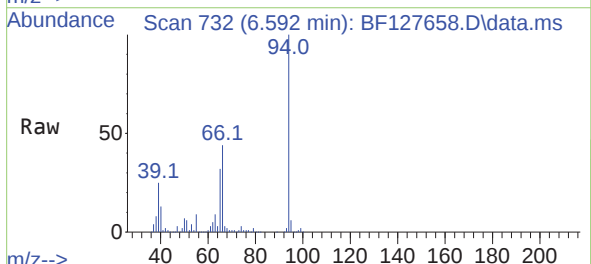
Manual Integrations
APPROVED

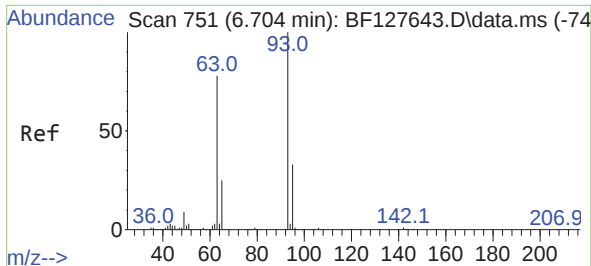
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#10
Phenol
Concen: 51.400 ng
RT: 6.592 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

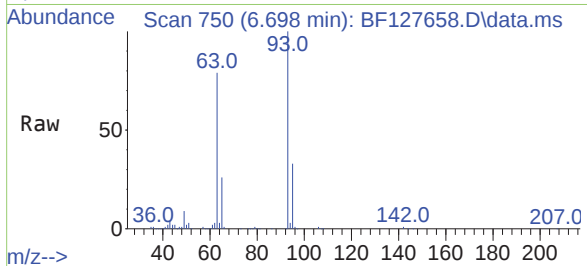
Tgt Ion: 94 Resp: 369267
Ion Ratio Lower Upper
94 100
65 32.0 13.1 53.1
66 44.4 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 48.977 ng
RT: 6.698 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

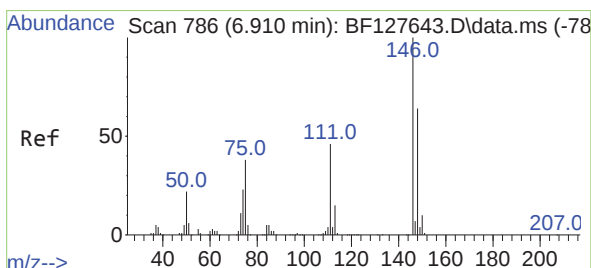
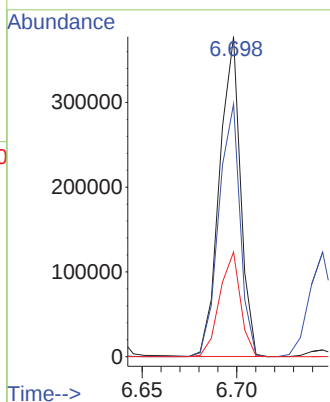
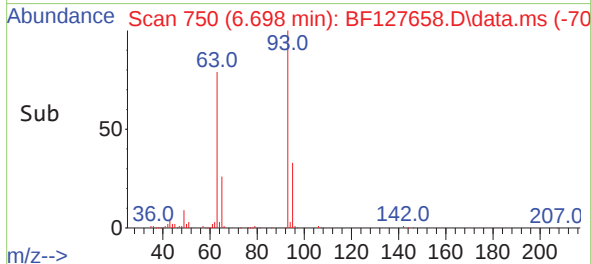
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



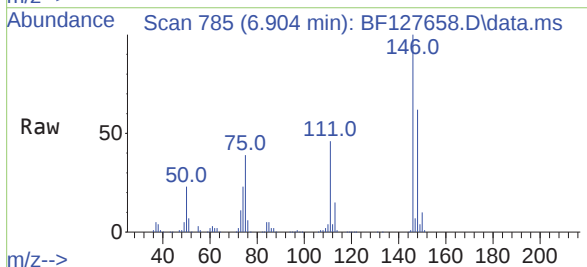
Tgt Ion: 93 Resp: 290570
Ion Ratio Lower Upper
93 100
63 79.0 69.6 109.6
95 32.7 11.6 51.6

Manual Integrations
APPROVED

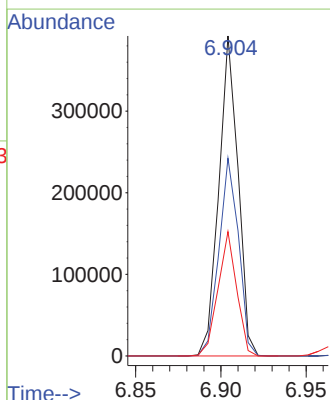
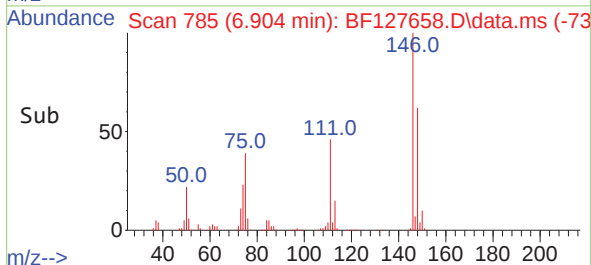
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

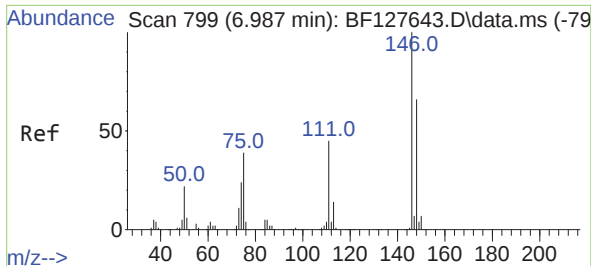


#12
1,3-Dichlorobenzene
Concen: 48.247 ng
RT: 6.904 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



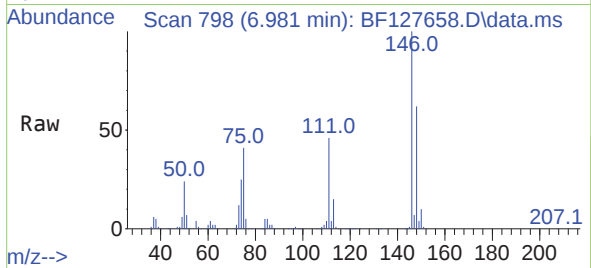
Tgt Ion:146 Resp: 307126
Ion Ratio Lower Upper
146 100
148 61.8 50.6 76.0
75 38.9 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 47.981 ng
RT: 6.981 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

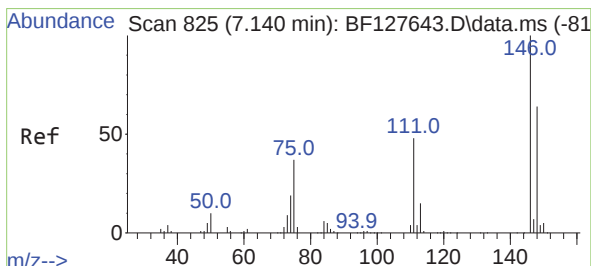
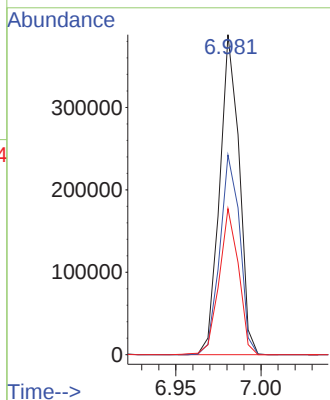
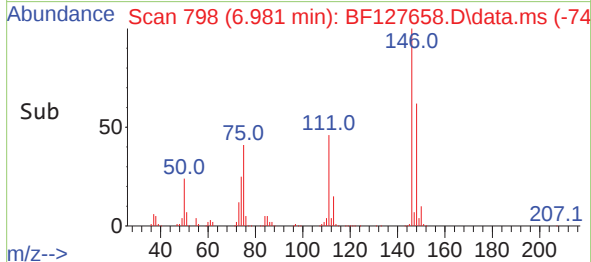
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



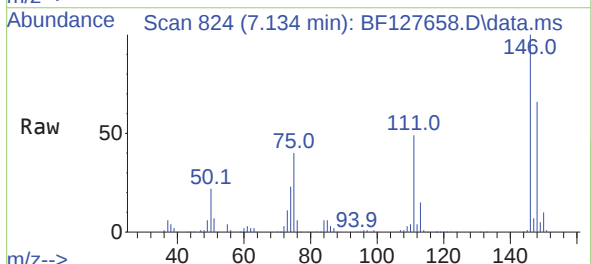
Tgt Ion:146 Resp: 30875
Ion Ratio Lower Upper
146 100
148 62.4 51.3 76.9
111 45.6 34.2 51.4

Manual Integrations
APPROVED

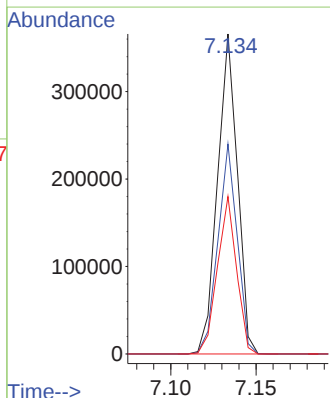
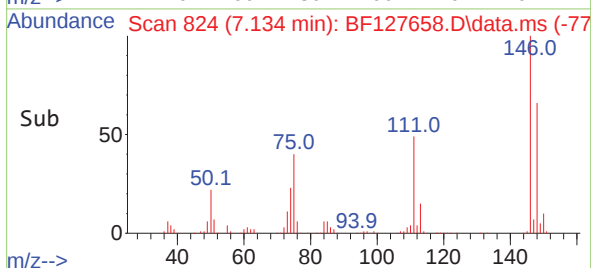
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

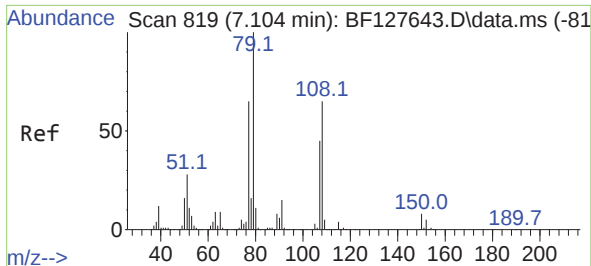


#14
1,2-Dichlorobenzene
Concen: 48.261 ng
RT: 7.134 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



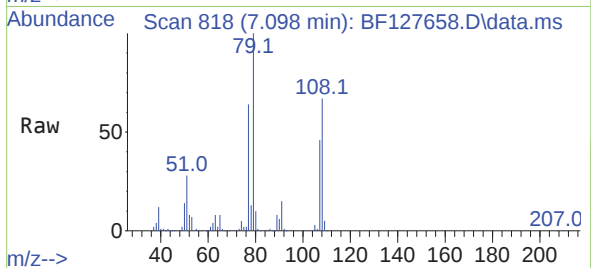
Tgt Ion:146 Resp: 296849
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.2
111 49.2 36.4 54.6





#15
Benzyl Alcohol
Concen: 47.009 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

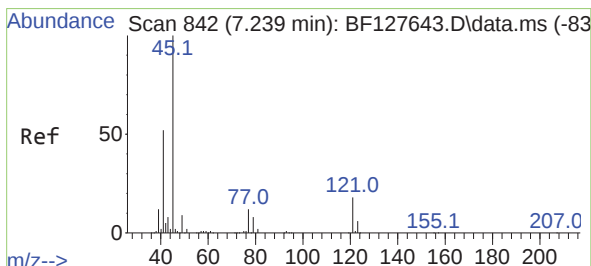
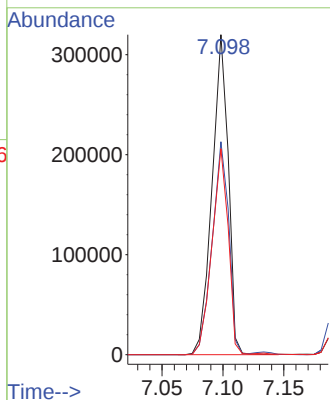
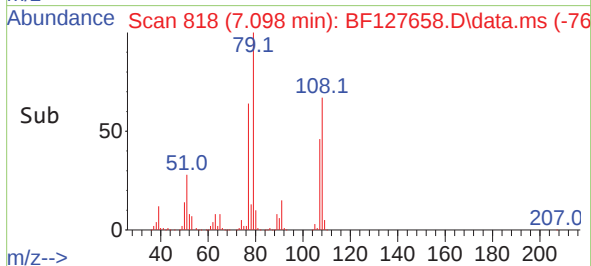
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



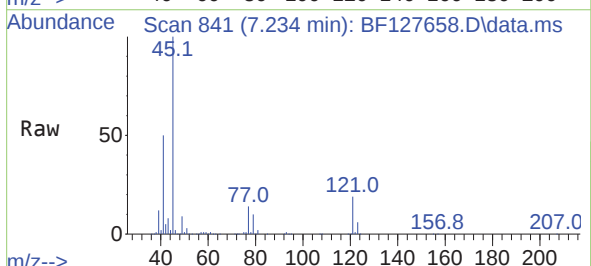
Tgt Ion: 79 Resp: 295272
Ion Ratio Lower Upper
79 100
108 66.6 52.2 78.2
77 64.4 48.3 72.5

Manual Integrations
APPROVED

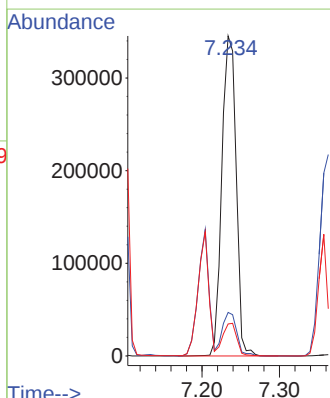
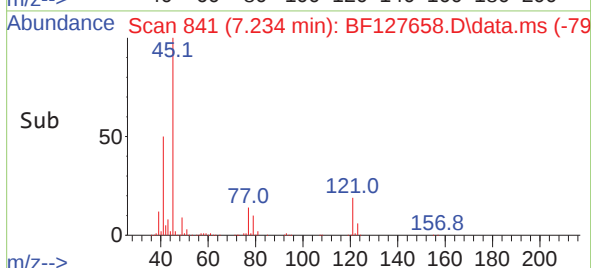
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

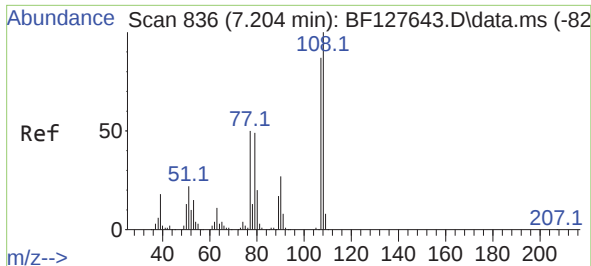


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.103 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



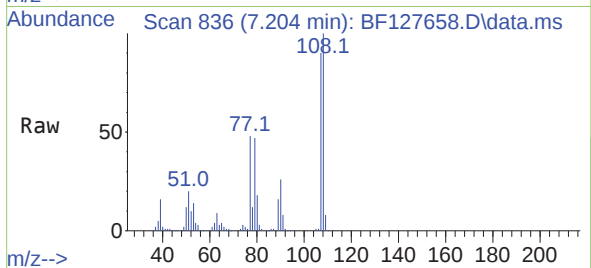
Tgt Ion: 45 Resp: 441123
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 10.0 0.0 29.9





#17
2-Methylphenol
Concen: 50.277 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

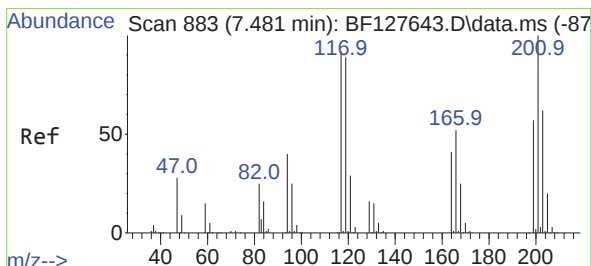
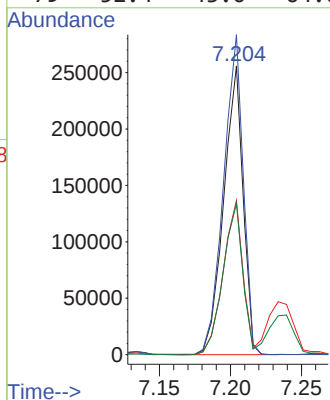
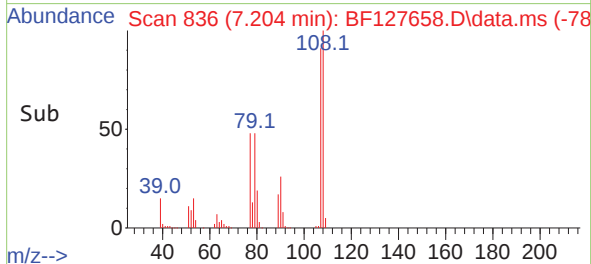
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



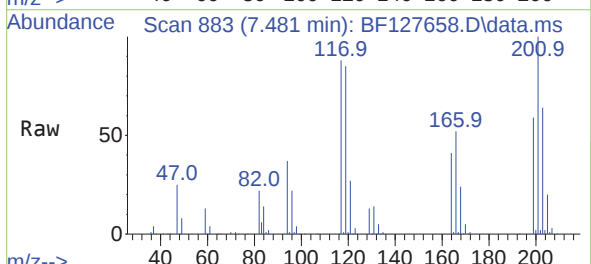
Tgt Ion:107 Resp: 24364
Ion Ratio Lower Upper
107 100
108 110.8 90.7 136.1
77 53.4 42.9 64.3
79 52.4 43.0 64.6

Manual Integrations
APPROVED

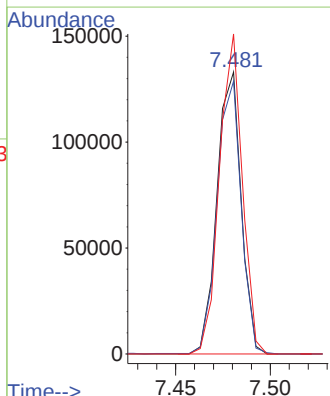
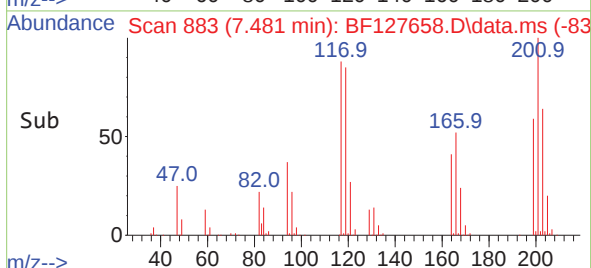
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

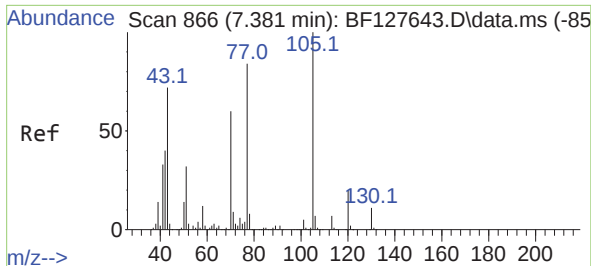


#18
Hexachloroethane
Concen: 48.152 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



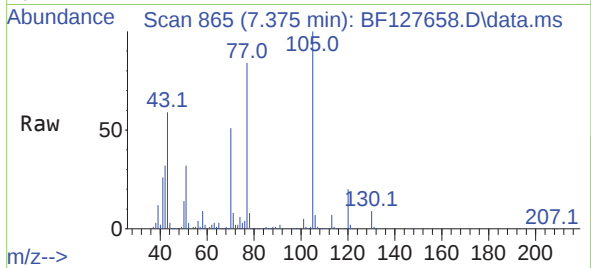
Tgt Ion:117 Resp: 118236
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4
201 113.5 88.2 132.2





#19
n-Nitroso-di-n-propylamine
Concen: 49.468 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

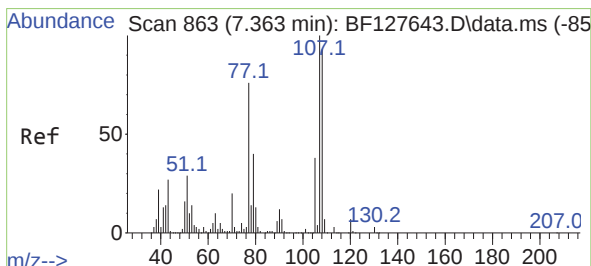
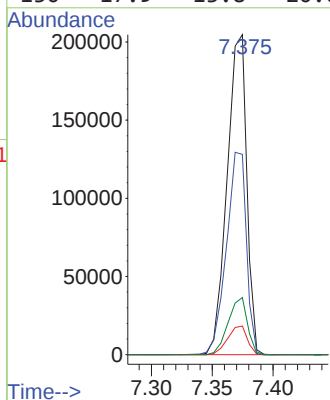
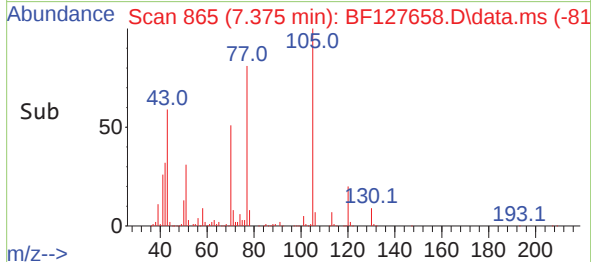
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



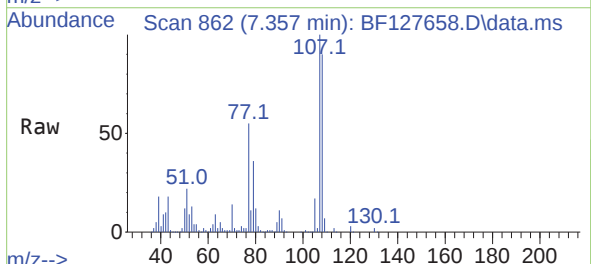
Tgt Ion: 70 Resp: 229872
Ion Ratio Lower Upper
70 100
42 62.6 53.0 79.6
101 8.9 6.8 10.2
130 17.9 13.8 20.6

Manual Integrations
APPROVED

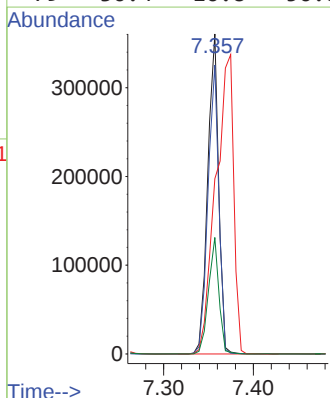
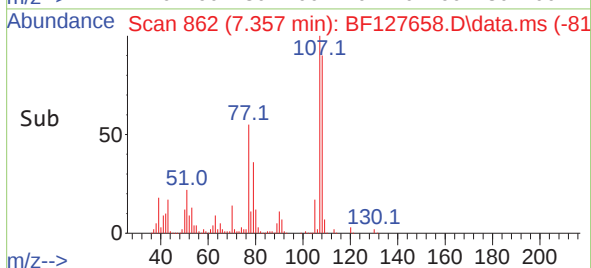
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

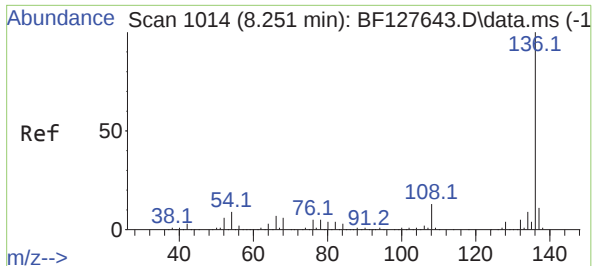


#20
3+4-Methylphenols
Concen: 49.492 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



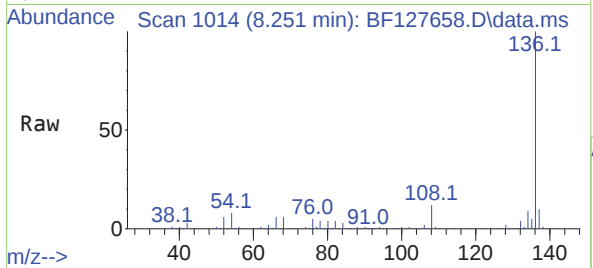
Tgt Ion:107 Resp: 305636
Ion Ratio Lower Upper
107 100
108 90.3 70.7 110.7
77 54.8 127.9 167.9#
79 36.4 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

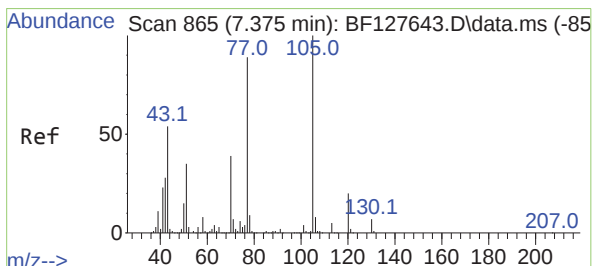
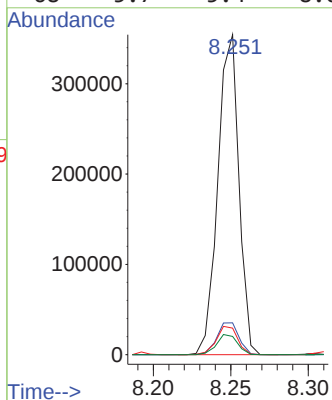
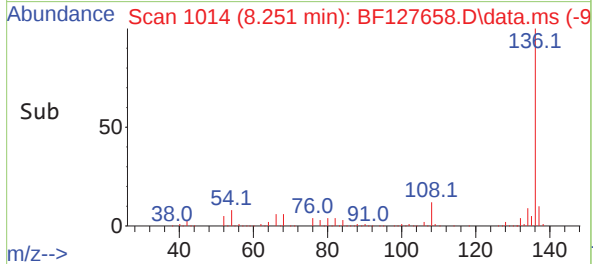
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



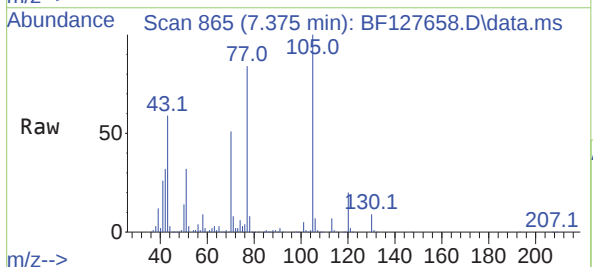
Tgt Ion:136 Resp: 334472
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 8.3 9.2 13.8
68 5.7 5.4 8.0

Manual Integrations
APPROVED

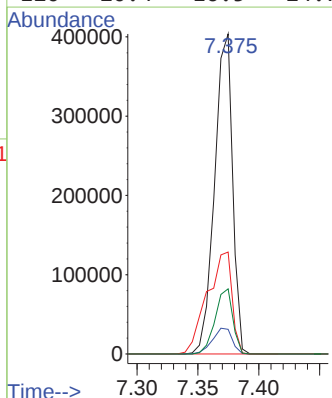
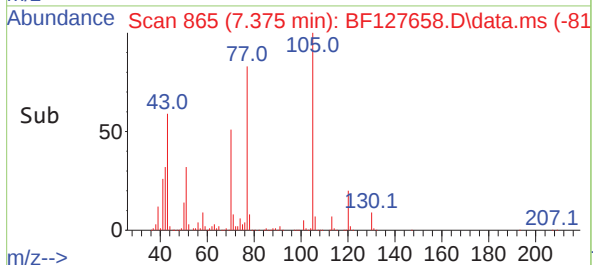
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

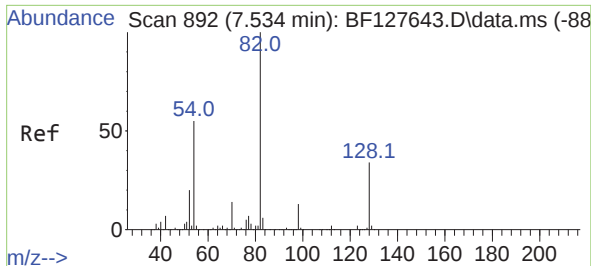


#22
Acetophenone
Concen: 46.149 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion:105 Resp: 414782
Ion Ratio Lower Upper
105 100
71 7.7 7.3 10.9
51 31.9 38.8 58.2
120 20.4 16.5 24.7





#23

Nitrobenzene-d5

Concen: 69.990 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

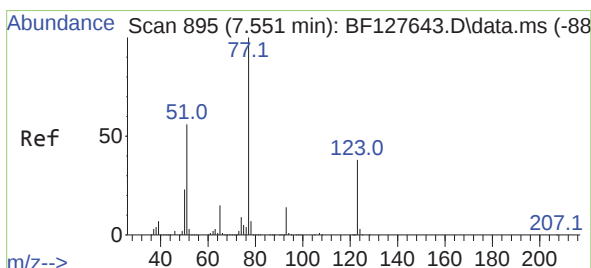
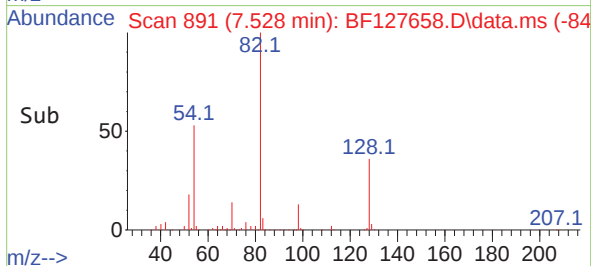
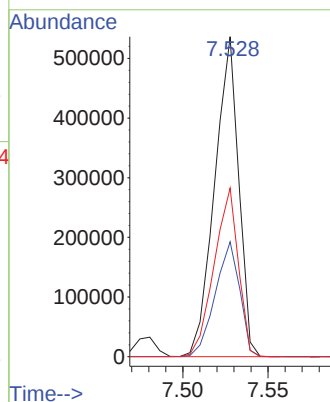
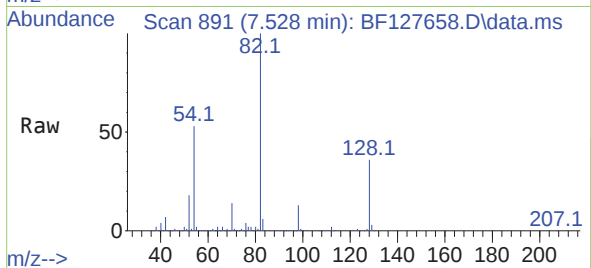
Tgt Ion: 82 Resp: 525100

Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.6	45.8
54	52.7	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#24

Nitrobenzene

Concen: 48.075 ng

RT: 7.545 min Scan# 894

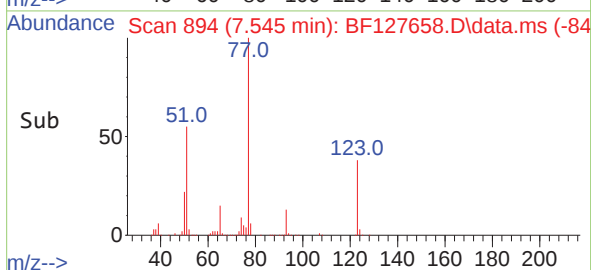
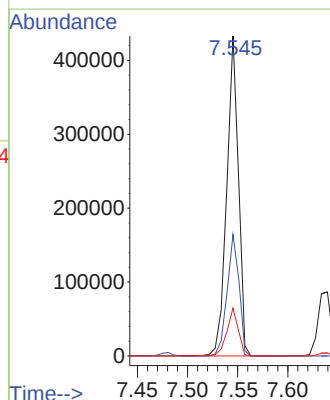
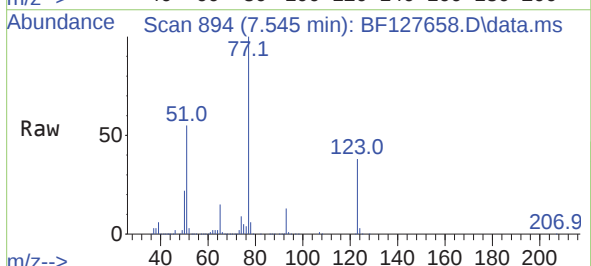
Delta R.T. -0.006 min

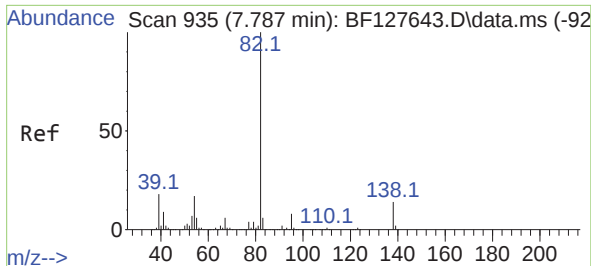
Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Tgt Ion: 77 Resp: 349636

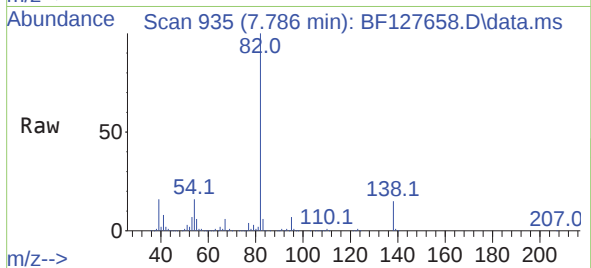
Ion	Ratio	Lower	Upper
77	100		
123	38.0	32.0	48.0
65	15.0	12.2	18.2





#25
Isophorone
Concen: 49.330 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

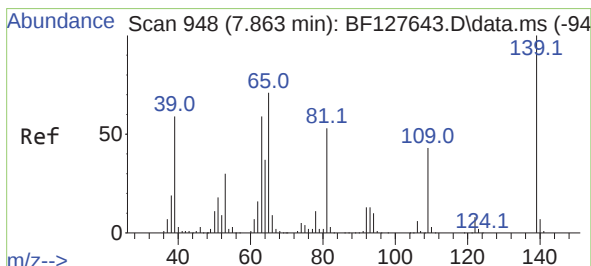
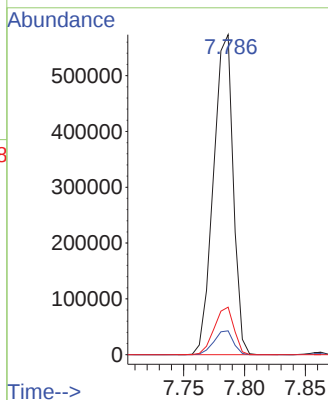
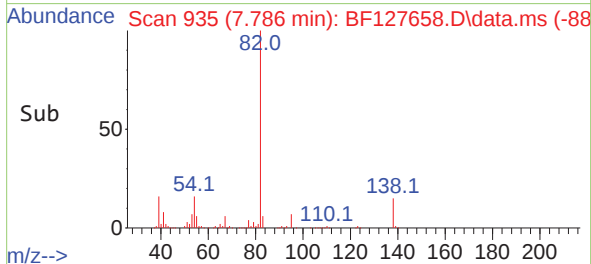
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



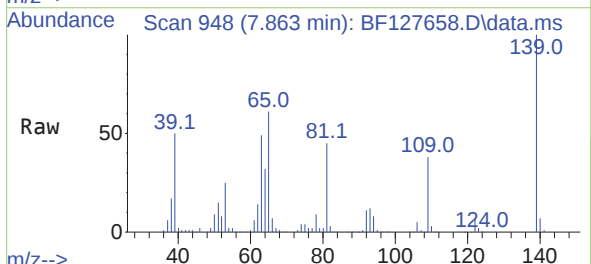
Tgt Ion: 82 Resp: 64578
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 14.9 11.6 17.4

Manual Integrations
APPROVED

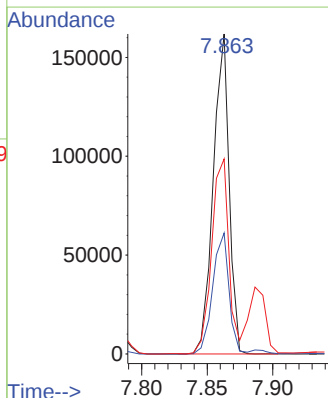
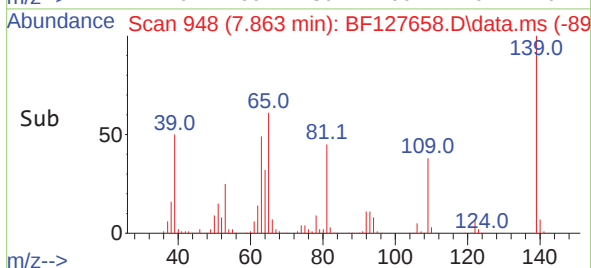
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

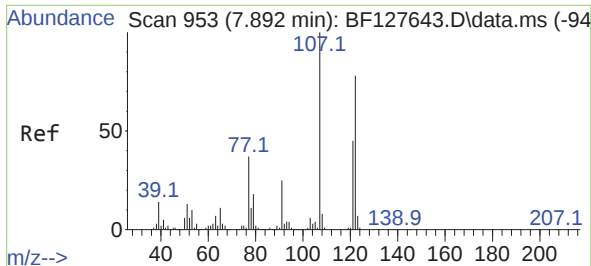


#26
2-Nitrophenol
Concen: 51.897 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion:139 Resp: 135640
Ion Ratio Lower Upper
139 100
109 37.8 28.2 42.2
65 60.9 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 53.272 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127658.D

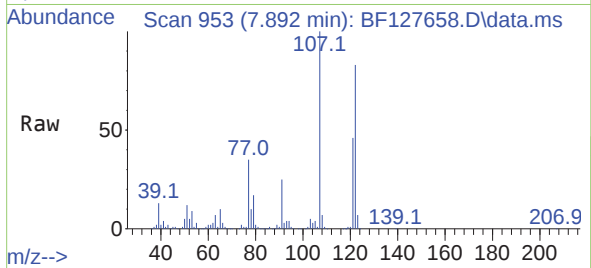
Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD



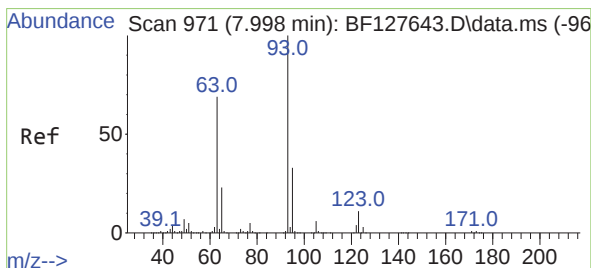
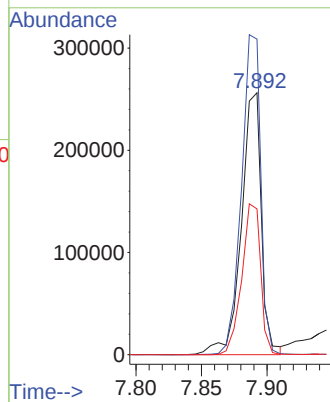
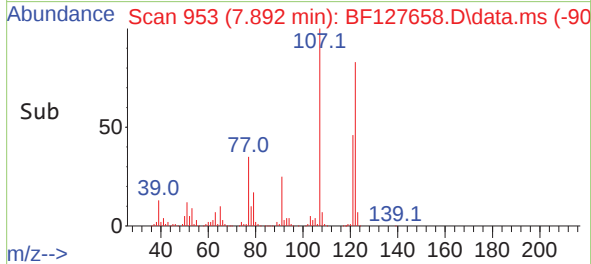
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.4	93.0	139.4
121	55.6	44.9	67.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2022

Supervised By :Jagrut Upadhyay 04/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.703 ng

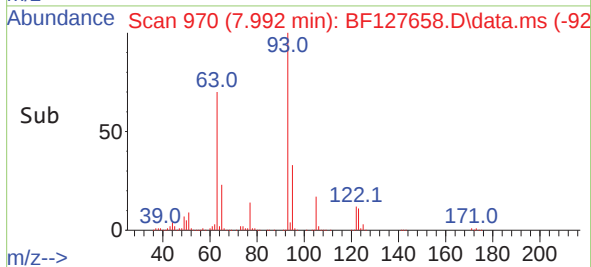
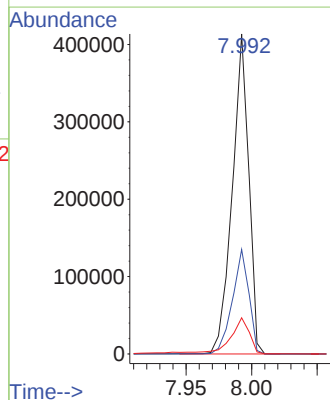
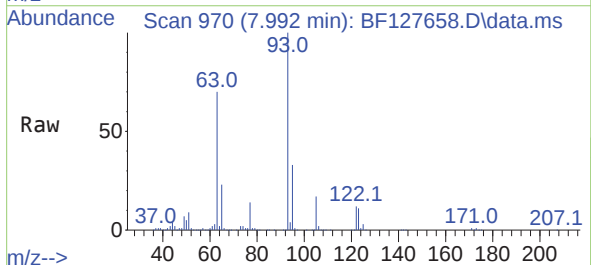
RT: 7.992 min Scan# 970

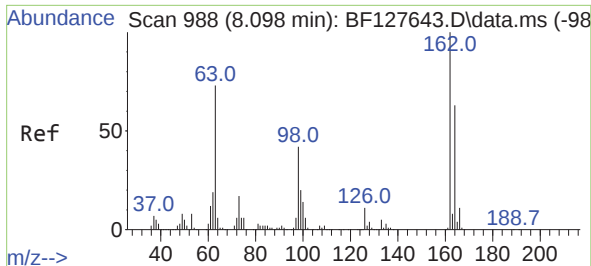
Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.3	8.0	12.0





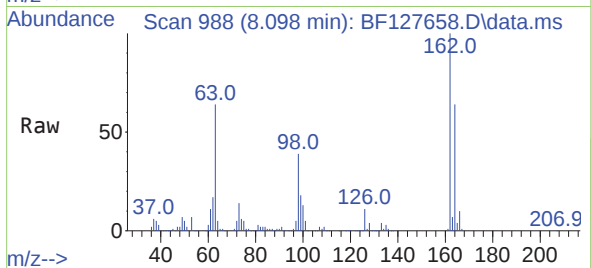
#29
2,4-Dichlorophenol
Concen: 46.067 ng
RT: 8.098 min Scan# 98
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

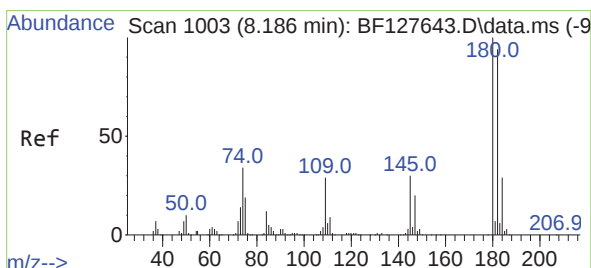
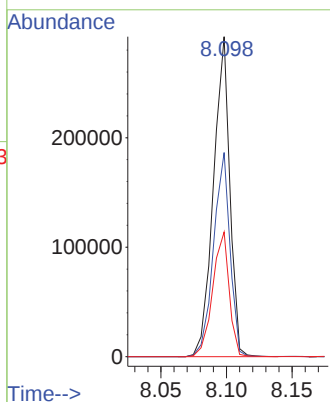
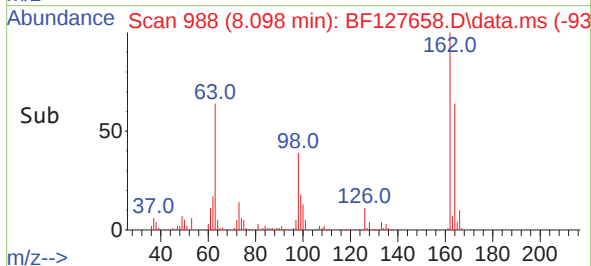
PF-1MSD



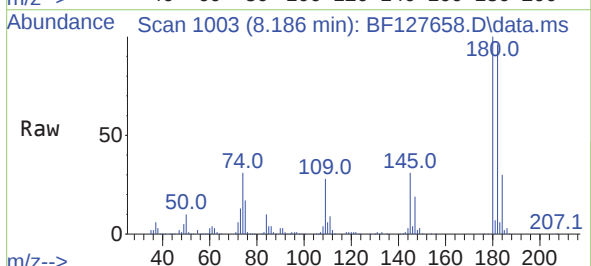
Tgt Ion:162 Resp: 25394
Ion Ratio Lower Upper
162 100
164 63.8 43.7 83.7
98 39.0 23.5 63.5

Manual Integrations
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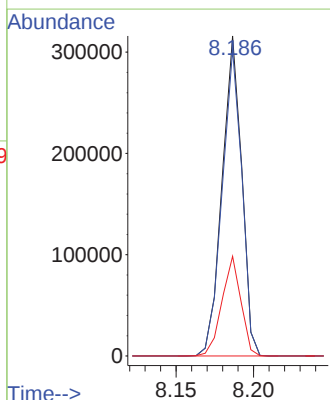
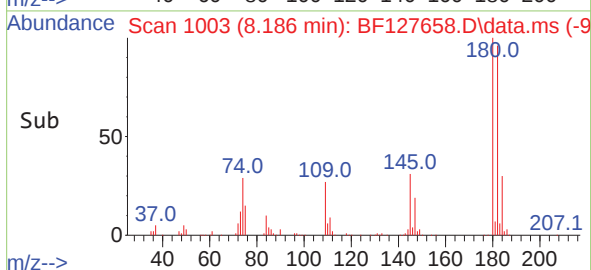
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

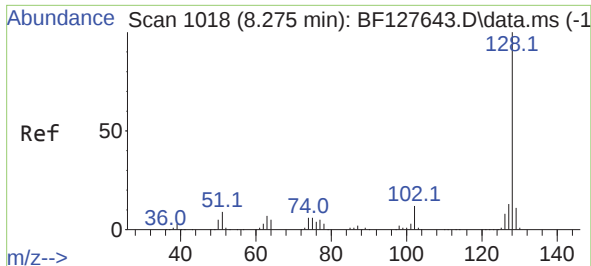


#30
1,2,4-Trichlorobenzene
Concen: 43.836 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



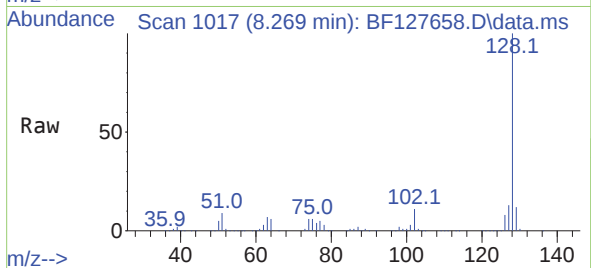
Tgt Ion:180 Resp: 278104
Ion Ratio Lower Upper
180 100
182 95.7 73.8 110.6
145 31.1 23.3 34.9





#31
Naphthalene
Concen: 46.024 ng
RT: 8.269 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

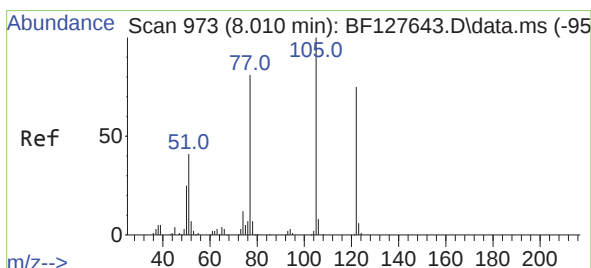
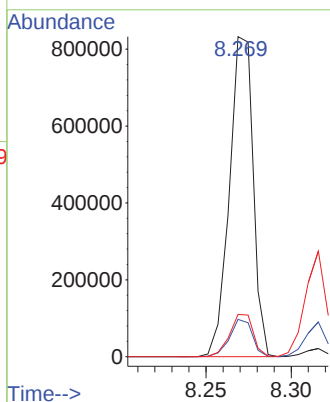
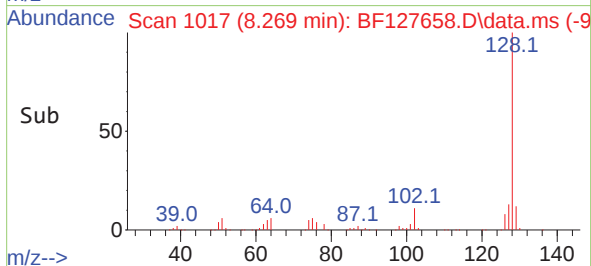
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:128 Resp: 80663
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.2 10.2 15.2

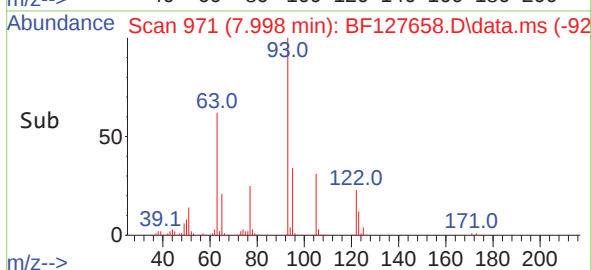
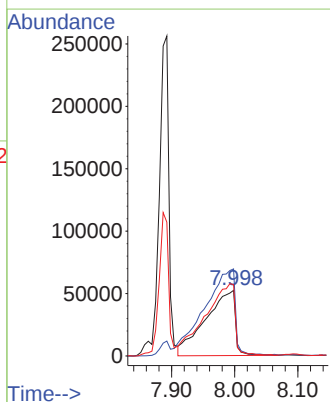
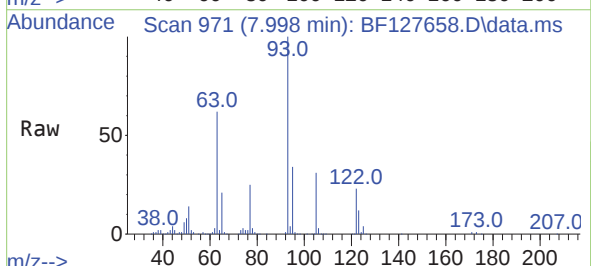
Manual Integrations
APPROVED

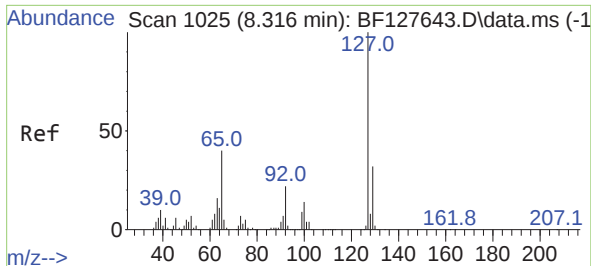
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#32
Benzoic acid
Concen: 46.113 ng
RT: 7.998 min Scan# 971
Delta R.T. -0.012 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

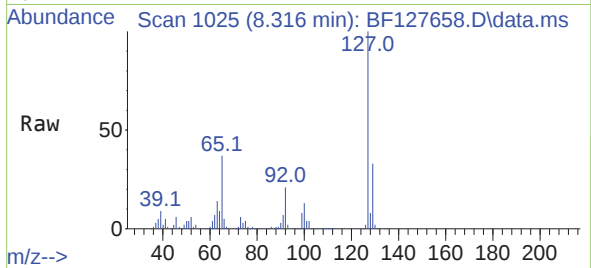
Tgt Ion:122 Resp: 171197
Ion Ratio Lower Upper
122 100
105 132.7 117.1 157.1
77 108.8 93.0 133.0





#33
4-Chloroaniline
Concen: 33.853 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

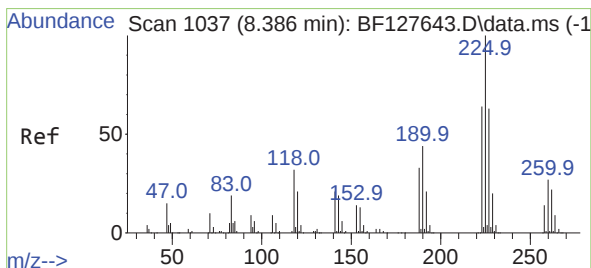
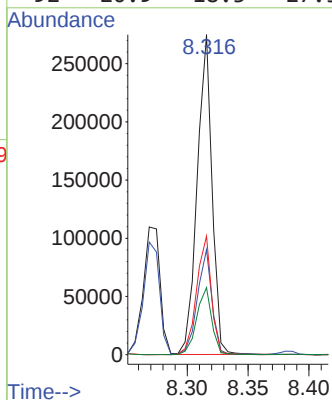
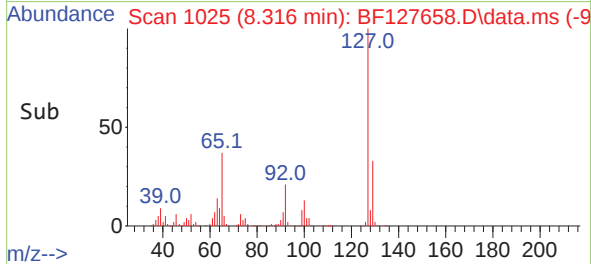
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:127 Resp: 233672
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 37.0 31.4 47.0
92 20.9 18.3 27.5

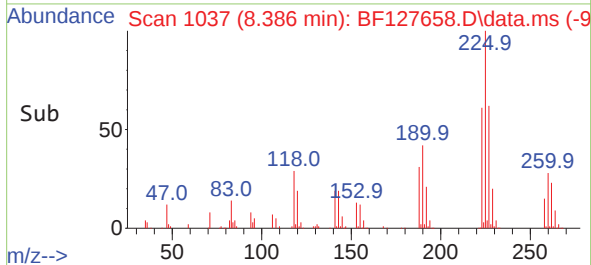
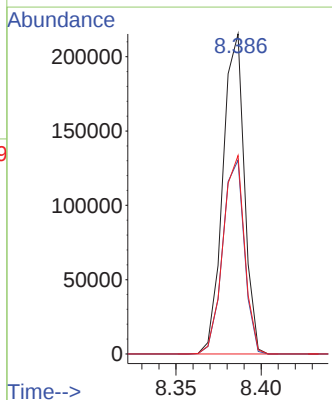
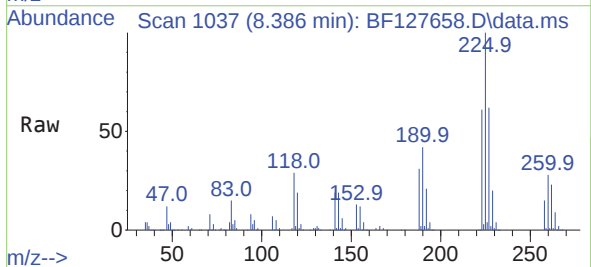
Manual Integrations
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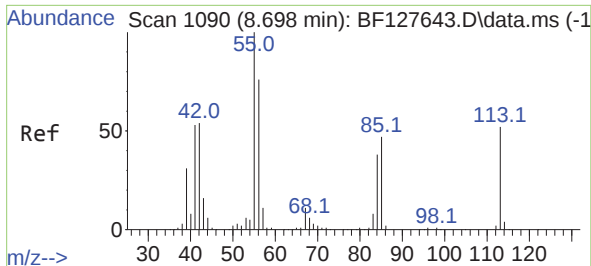
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#34
Hexachlorobutadiene
Concen: 43.304 ng
RT: 8.386 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

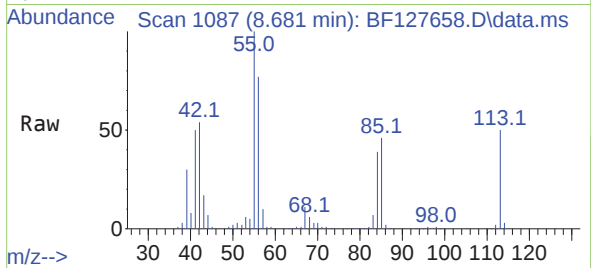
Tgt Ion:225 Resp: 188984
Ion Ratio Lower Upper
225 100
223 60.6 50.6 76.0
227 62.0 49.6 74.4





#35
 Caprolactam
 Concen: 49.910 ng m
 RT: 8.681 min Scan# 1090
 Delta R.T. -0.018 min
 Lab File: BF127658.D
 Acq: 06 Apr 2022 20:08

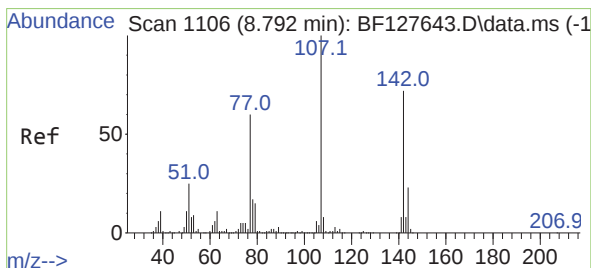
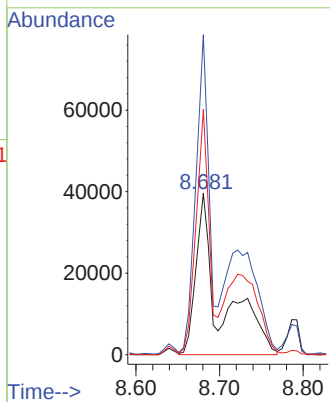
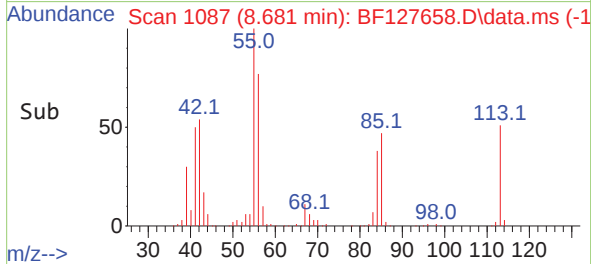
Instrument :
 BNA_F
 ClientSampleId :
 PF-1MSD



Tgt Ion:113 Resp: 8131
 Ion Ratio Lower Upper
 113 100
 55 198.5 218.7 258.7
 56 152.1 156.2 196.2

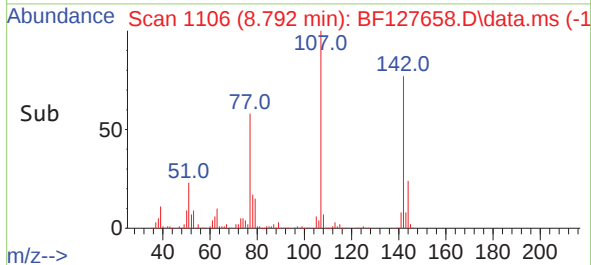
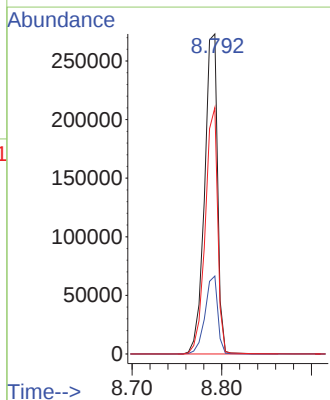
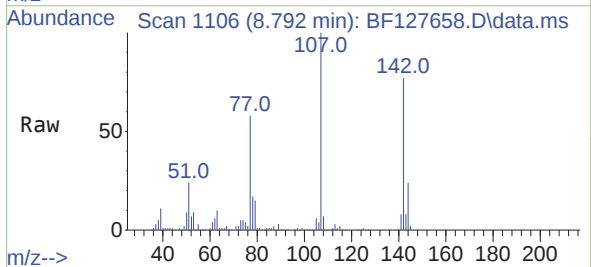
Manual Integrations
 APPROVED

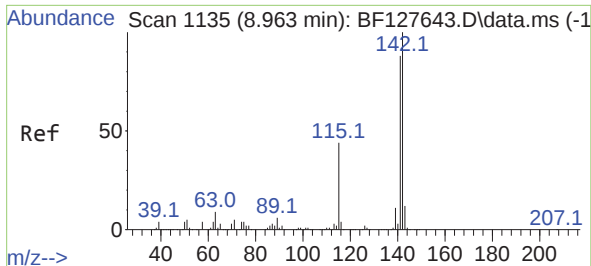
Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.507 ng
 RT: 8.792 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF127658.D
 Acq: 06 Apr 2022 20:08

Tgt Ion:107 Resp: 274555
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 77.0 59.8 89.8





#37

2-Methylnaphthalene

Concen: 46.202 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

Tgt Ion:142 Resp: 54158

Ion Ratio Lower Upper

142 100

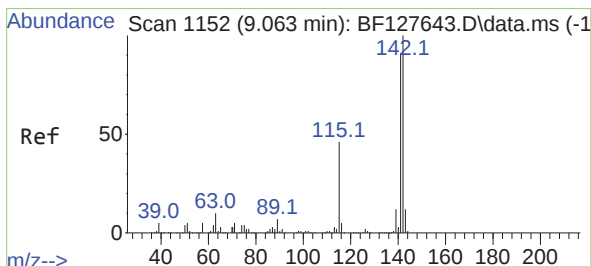
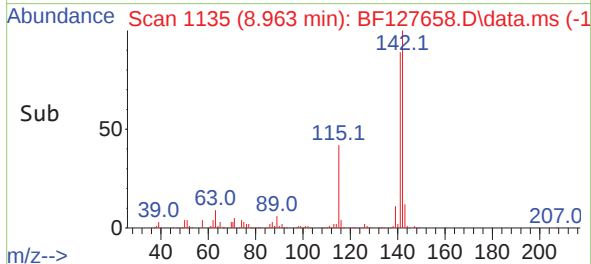
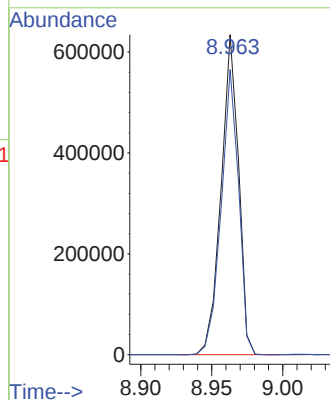
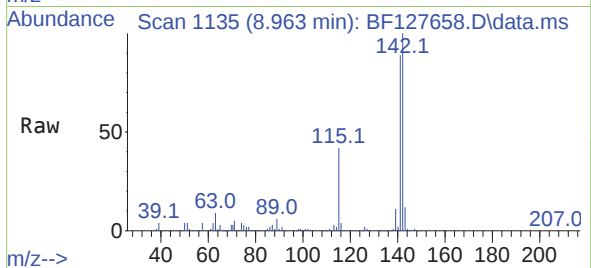
141 89.1 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2022

Supervised By :Jagrut Upadhyay 04/07/2022



#38

1-Methylnaphthalene

Concen: 46.381 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF127658.D

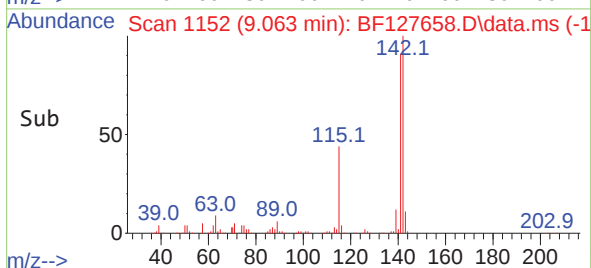
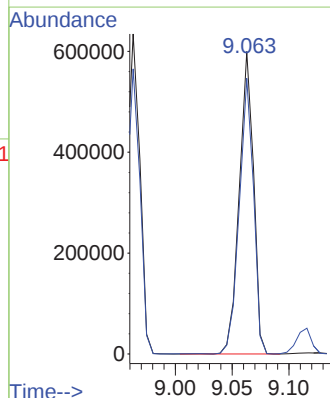
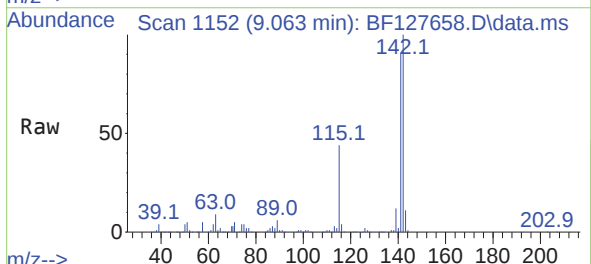
Acq: 06 Apr 2022 20:08

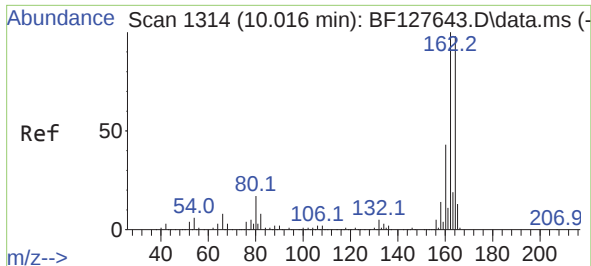
Tgt Ion:142 Resp: 524771

Ion Ratio Lower Upper

142 100

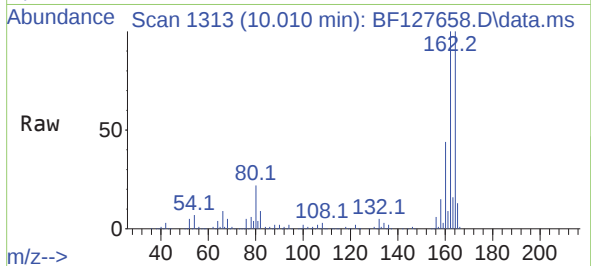
141 91.2 74.2 111.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

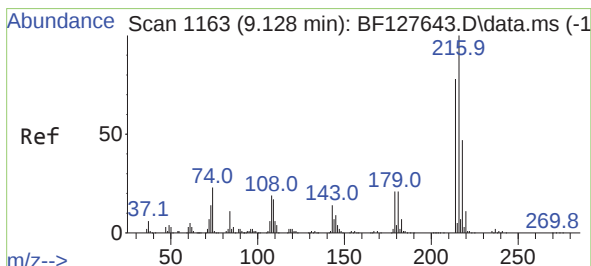
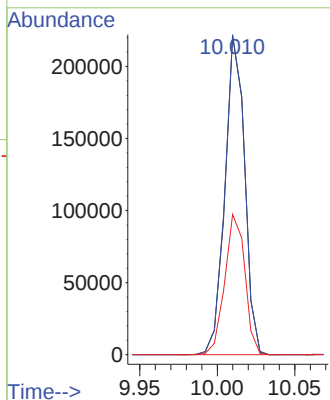
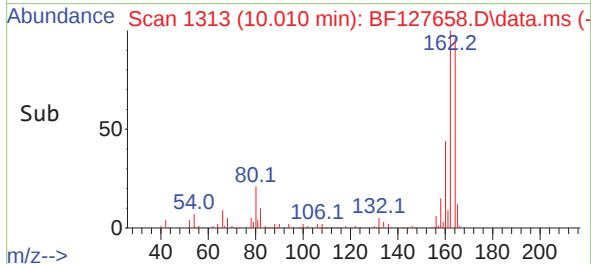
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:164 Resp: 194889
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 44.0 34.6 52.0

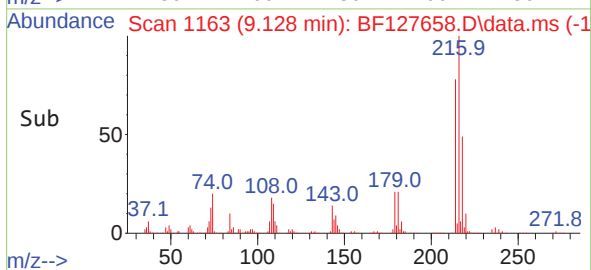
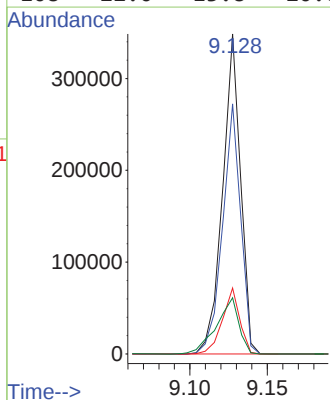
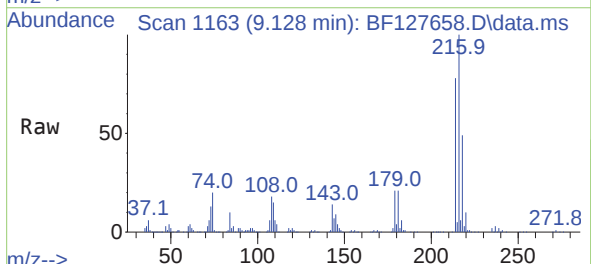
Manual Integrations
APPROVED

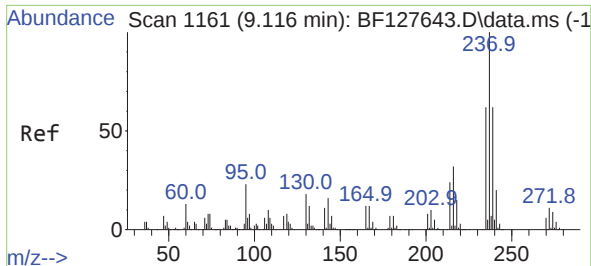
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.885 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

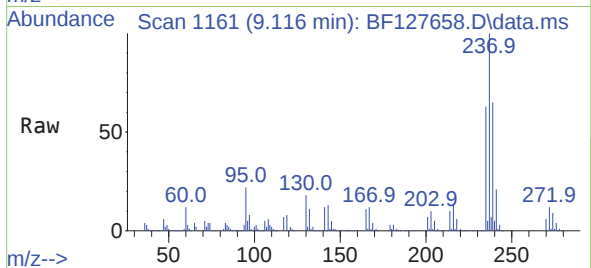
Tgt Ion:216 Resp: 280521
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.0 15.5 23.3
108 22.0 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 98.390 ng
RT: 9.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

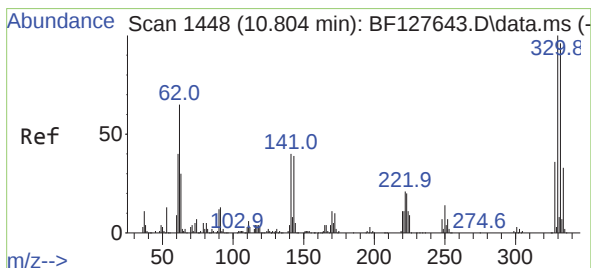
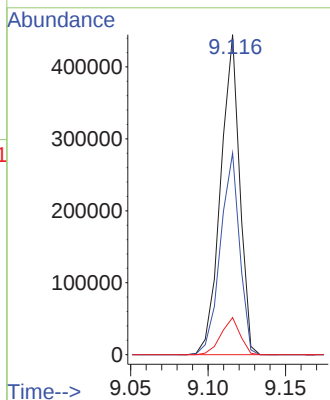
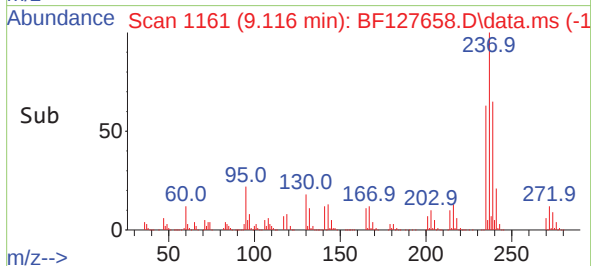
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



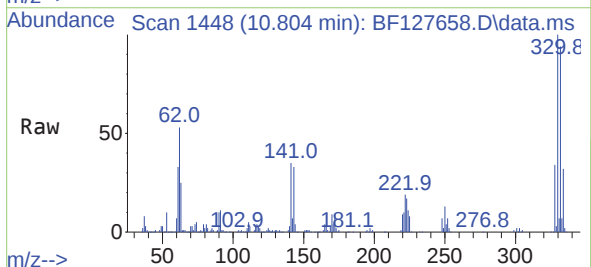
Tgt Ion:237 Resp: 378852
Ion Ratio Lower Upper
237 100
235 63.0 40.4 80.4
272 11.6 0.0 31.8

Manual Integrations
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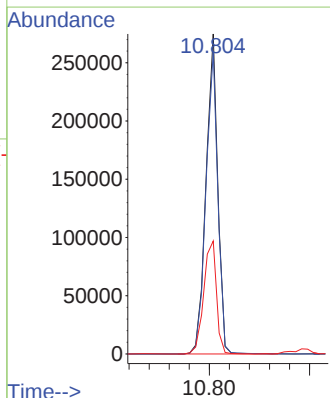
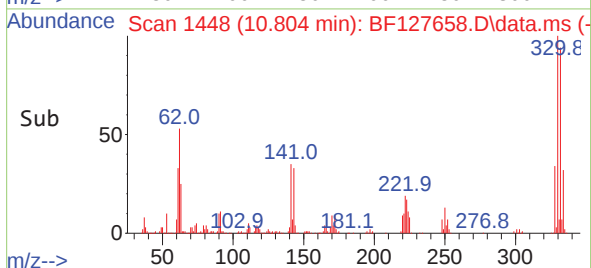
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

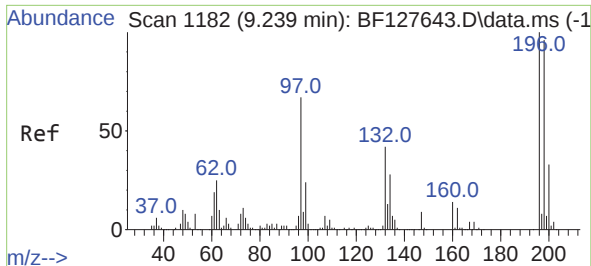


#42
2,4,6-Tribromophenol
Concen: 107.846 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion:330 Resp: 223662
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 38.4 26.2 39.4





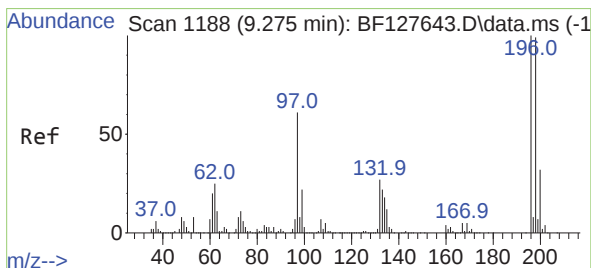
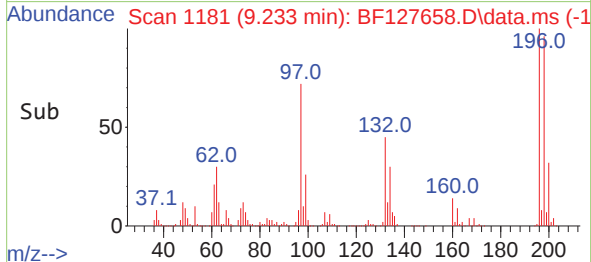
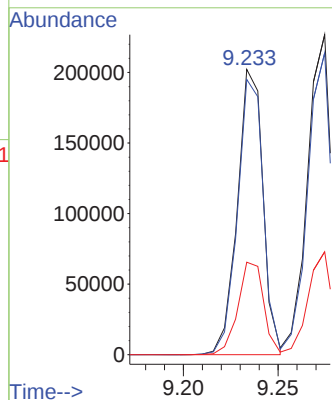
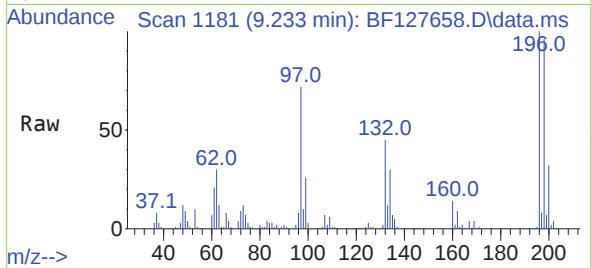
#43
2,4,6-Trichlorophenol
Concen: 43.798 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :
BNA_F
ClientSampleId :
PF-1MSD

Tgt Ion:196 Resp: 190072
Ion Ratio Lower Upper
196 100
198 96.5 77.8 116.6
200 32.4 25.9 38.9

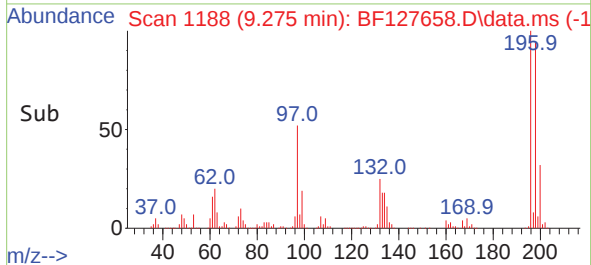
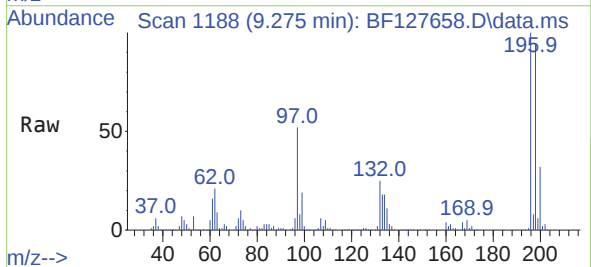
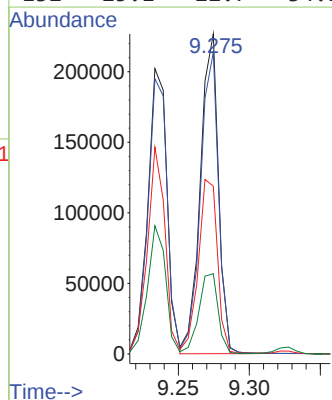
Manual Integrations
APPROVED

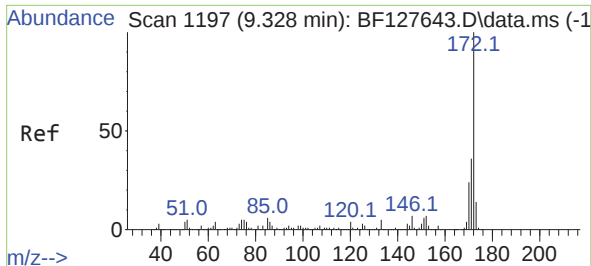
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#44
2,4,5-Trichlorophenol
Concen: 46.109 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Tgt Ion:196 Resp: 201916
Ion Ratio Lower Upper
196 100
198 94.3 75.3 112.9
97 52.4 46.8 70.2
132 25.1 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 67.356 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

Tgt Ion:172 Resp: 92792

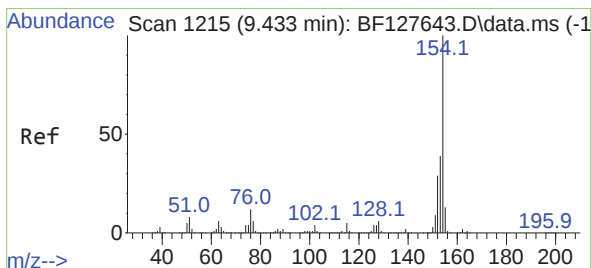
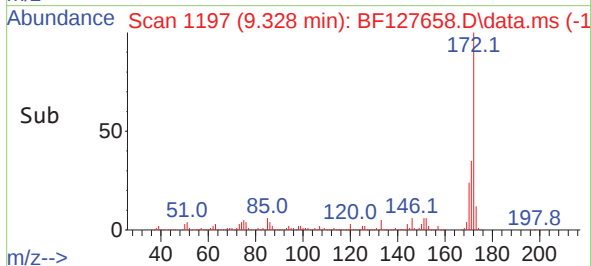
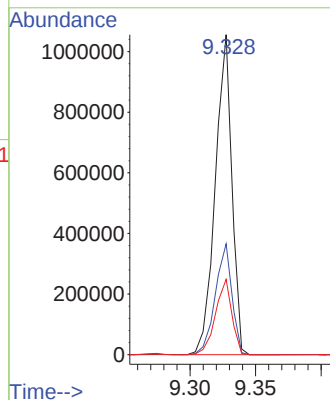
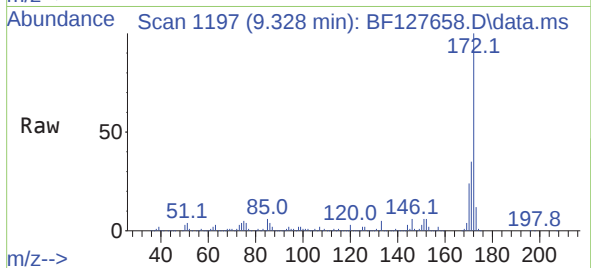
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.4	42.6
170	23.6	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2022

Supervised By :Jagrut Upadhyay 04/07/2022



#46

1,1'-Biphenyl

Concen: 45.873 ng

RT: 9.428 min Scan# 1214

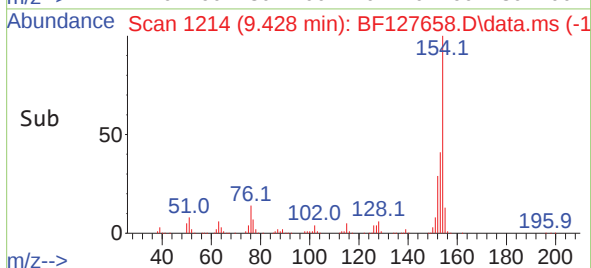
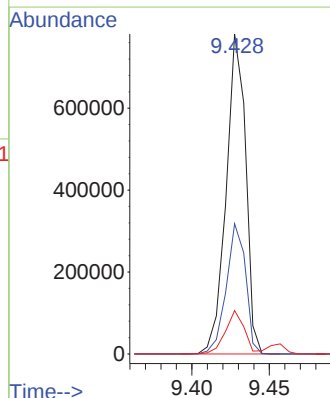
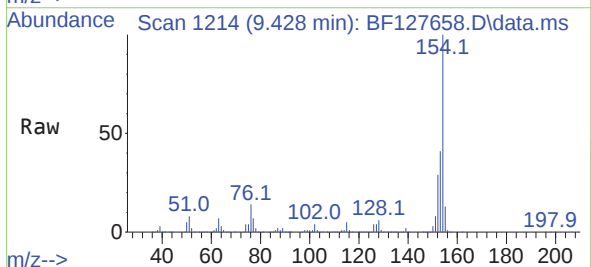
Delta R.T. -0.006 min

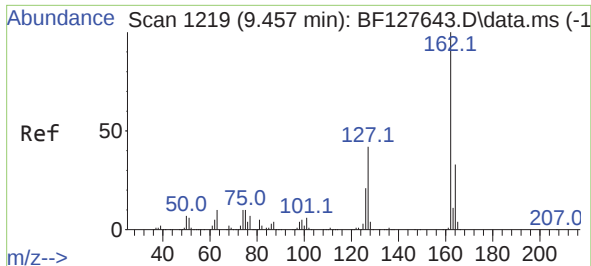
Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Tgt Ion:154 Resp: 683719

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	13.6	0.0	33.9





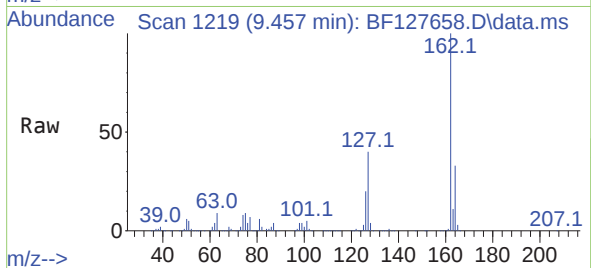
#47
2-Chloronaphthalene
Concen: 45.120 ng
RT: 9.457 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

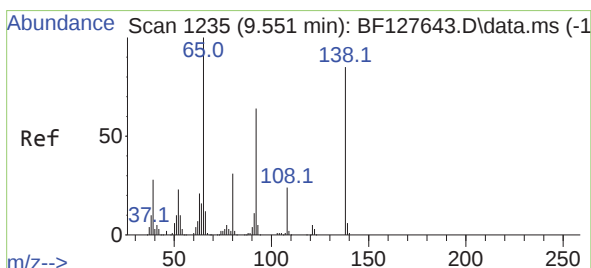
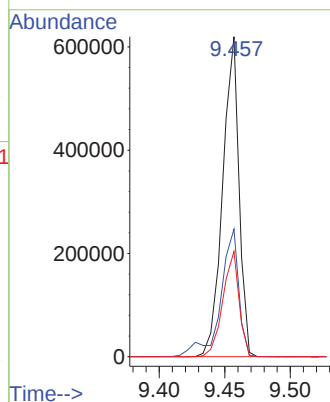
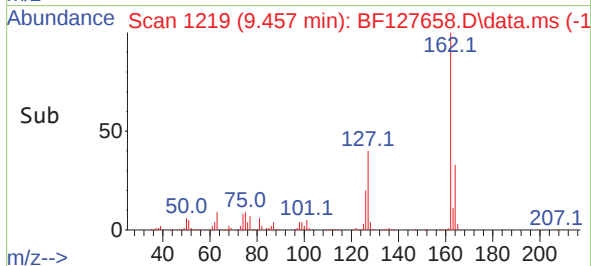


Tgt Ion:162 Resp: 53442
Ion Ratio Lower Upper
162 100
127 39.9 31.8 47.6
164 32.9 26.4 39.6

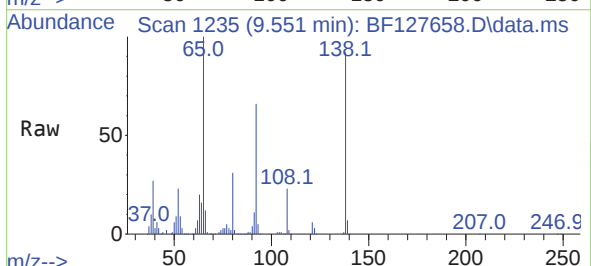
Manual Integrations

APPROVED

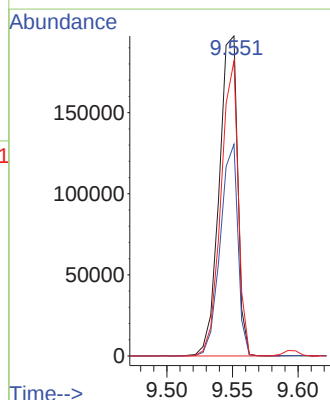
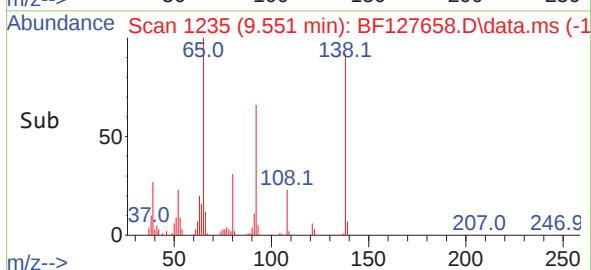
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

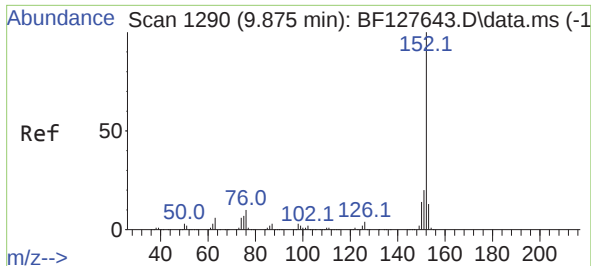


#48
2-Nitroaniline
Concen: 52.488 ng
RT: 9.551 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion: 65 Resp: 193088
Ion Ratio Lower Upper
65 100
92 66.1 50.0 75.0
138 92.1 64.1 96.1





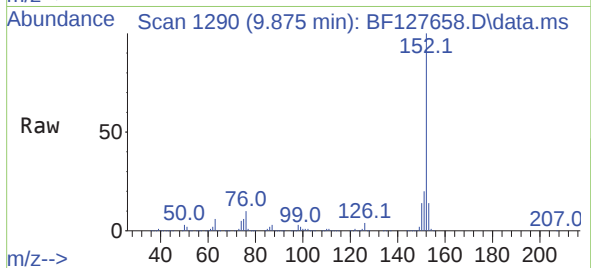
#49
Acenaphthylene
Concen: 49.227 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

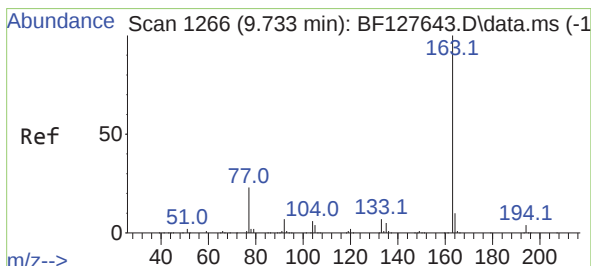
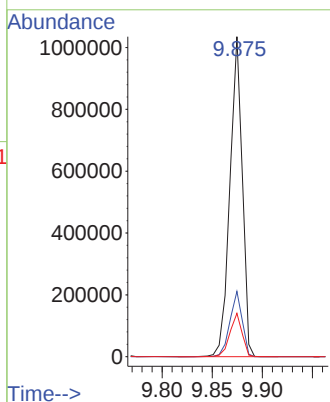
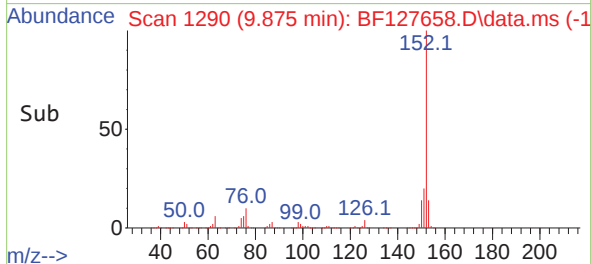


Tgt Ion:152 Resp: 886879
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 13.6 10.5 15.7

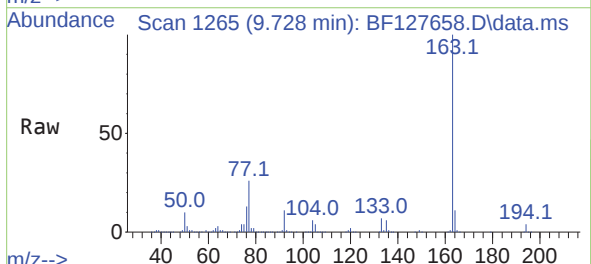
Manual Integrations

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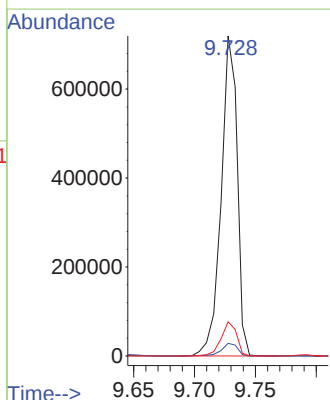
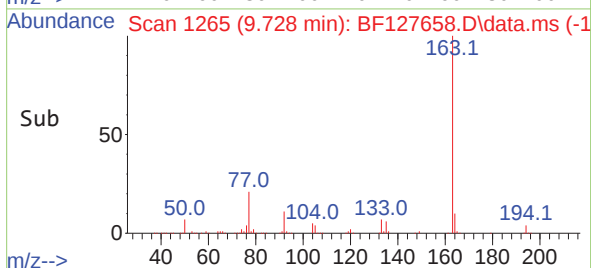
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

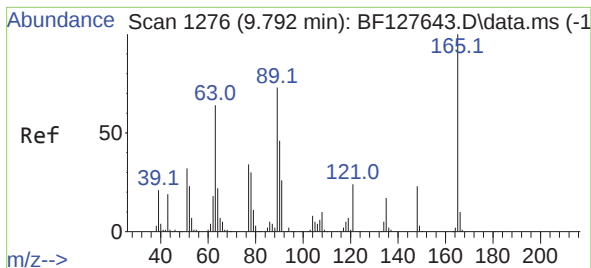


#50
Dimethylphthalate
Concen: 46.774 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



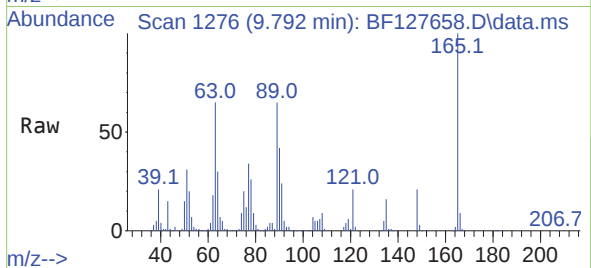
Tgt Ion:163 Resp: 660751
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 51.978 ng
RT: 9.792 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

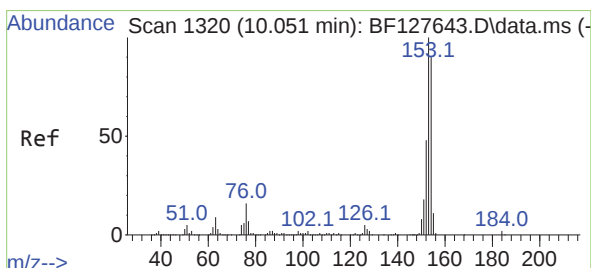
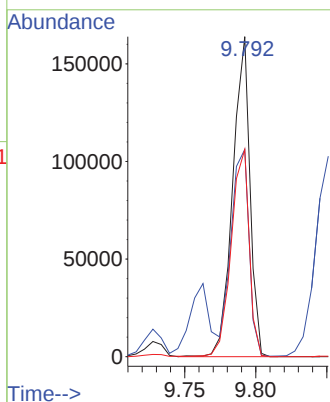
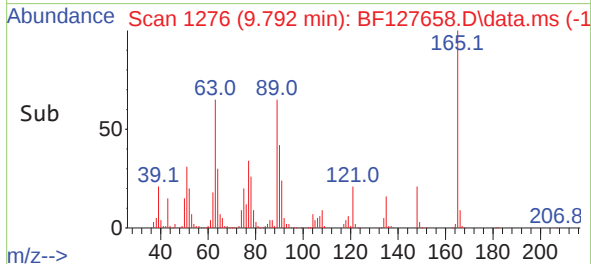
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



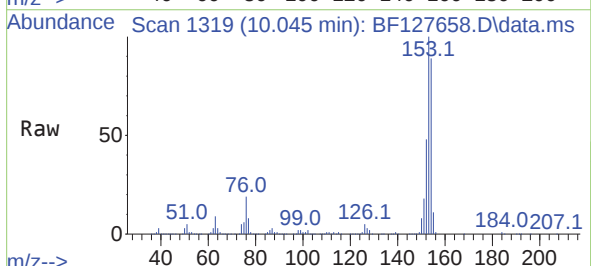
Tgt Ion:165 Resp: 138400
Ion Ratio Lower Upper
165 100
63 64.7 58.3 87.5
89 64.8 51.5 77.3

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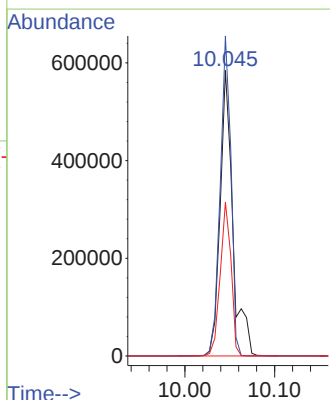
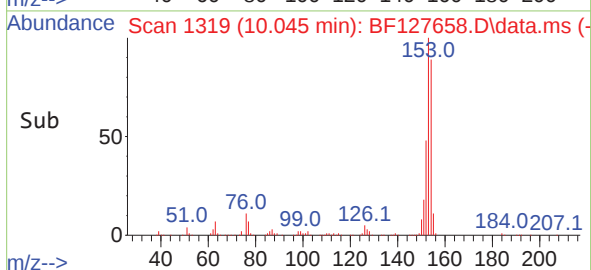
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

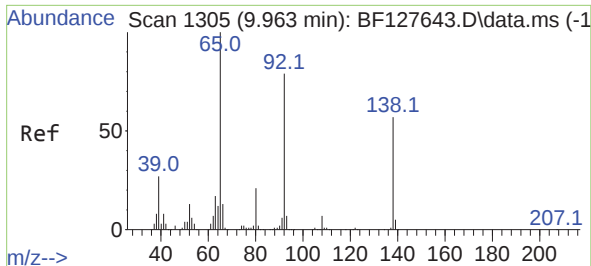


#52
Acenaphthene
Concen: 50.385 ng
RT: 10.045 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



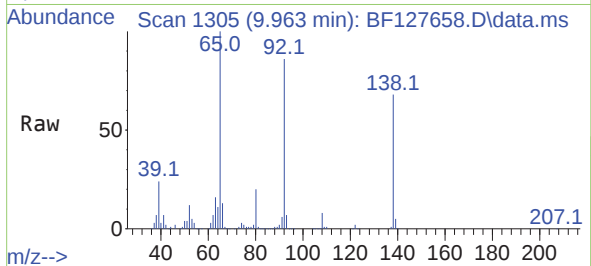
Tgt Ion:154 Resp: 571895
Ion Ratio Lower Upper
154 100
153 112.1 87.6 131.4
152 53.8 42.9 64.3





#53
3-Nitroaniline
Concen: 38.329 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

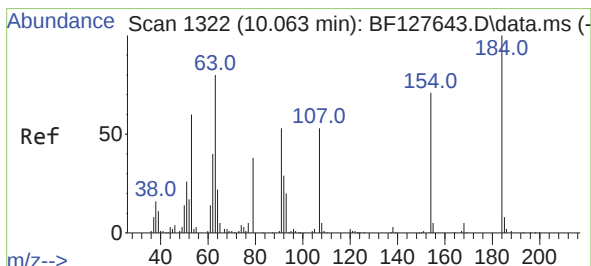
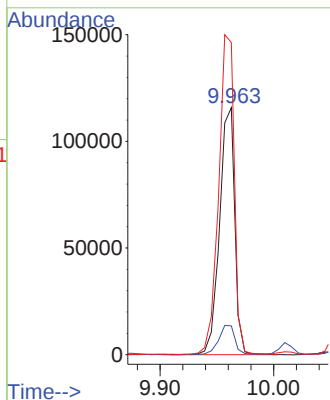
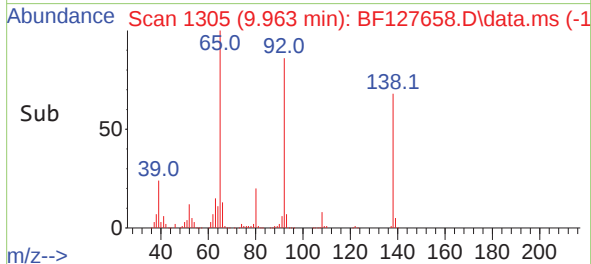
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:138 Resp: 10782
Ion Ratio Lower Upper
138 100
108 11.7 9.4 14.0
92 126.4 106.1 159.1

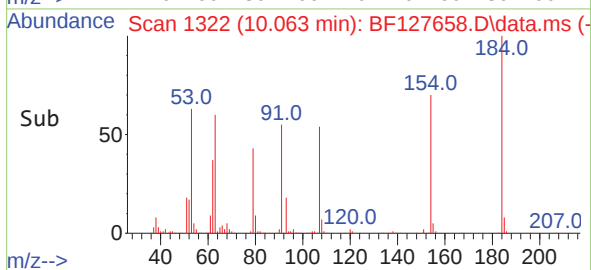
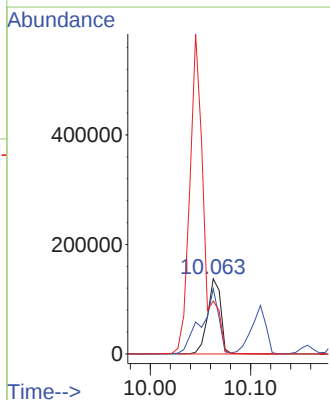
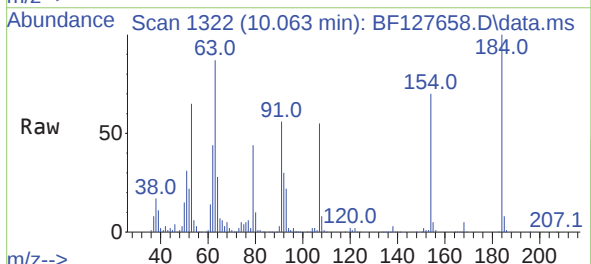
Manual Integrations
APPROVED

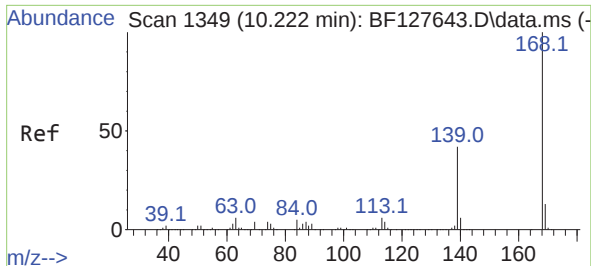
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#54
2,4-Dinitrophenol
Concen: 94.051 ng
RT: 10.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

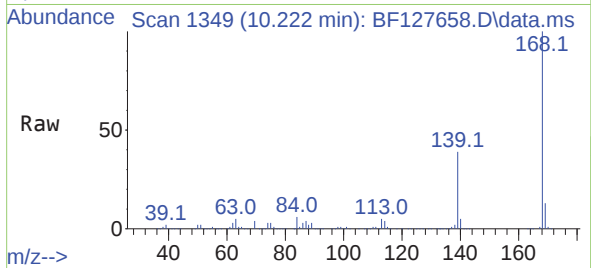
Tgt Ion:184 Resp: 125444
Ion Ratio Lower Upper
184 100
63 86.8 58.1 87.1
154 70.3 53.2 79.8





#55
Dibenzofuran
Concen: 45.753 ng
RT: 10.222 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

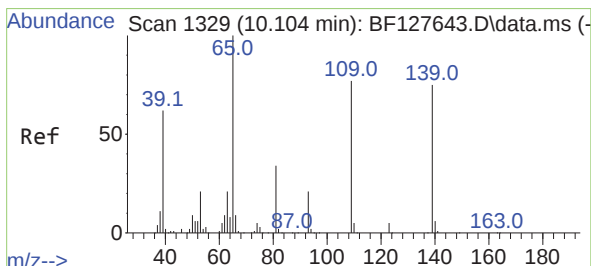
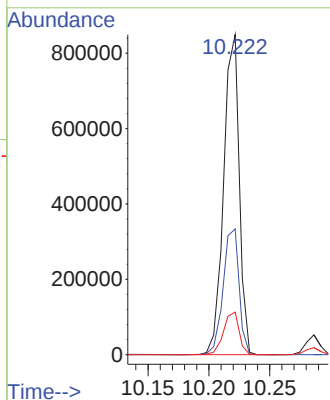
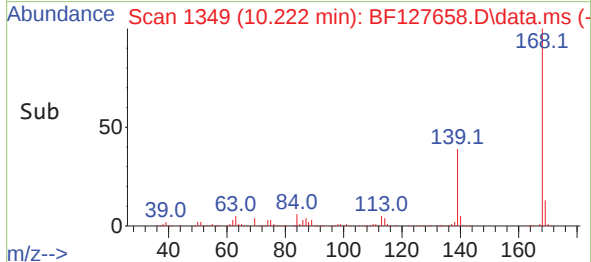
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



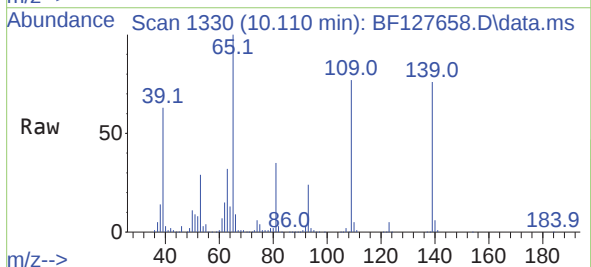
Tgt Ion:168 Resp: 757835
Ion Ratio Lower Upper
168 100
139 39.3 30.3 45.5
169 13.3 10.8 16.2

Manual Integrations
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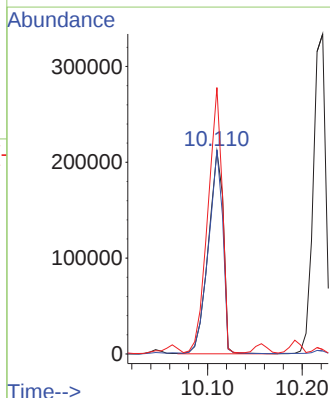
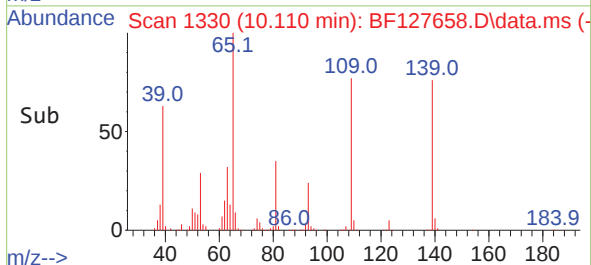
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

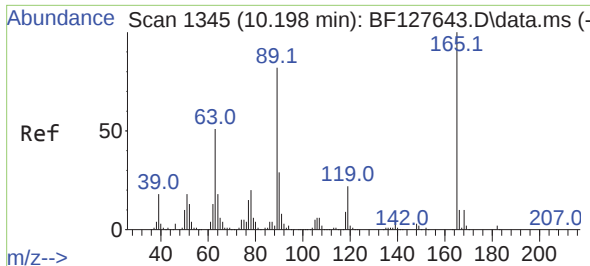


#56
4-Nitrophenol
Concen: 105.521 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



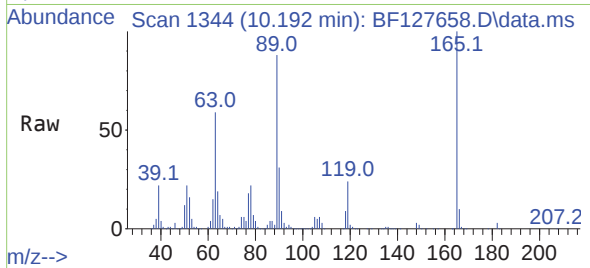
Tgt Ion:139 Resp: 233154
Ion Ratio Lower Upper
139 100
109 100.7 64.3 104.3
65 131.4 117.5 157.5





#57
2,4-Dinitrotoluene
Concen: 55.767 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

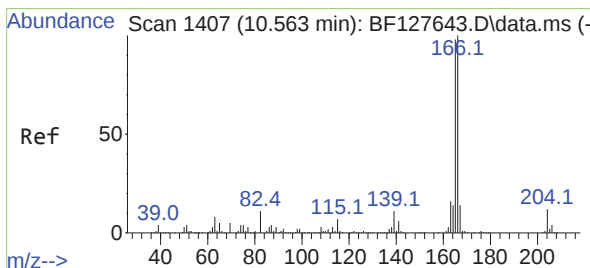
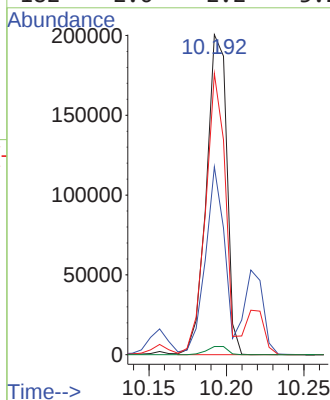
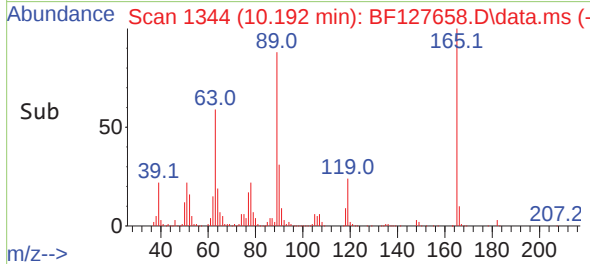
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:165 Resp: 184104
Ion Ratio Lower Upper
165 100
63 58.7 53.1 79.7
89 87.8 69.2 103.8
182 2.6 2.2 3.2

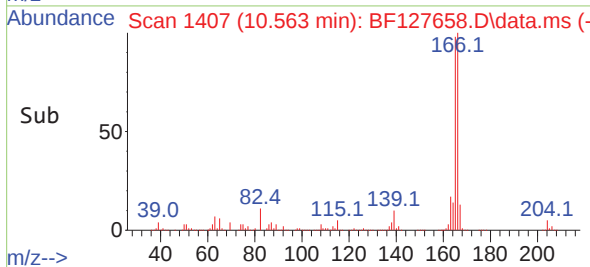
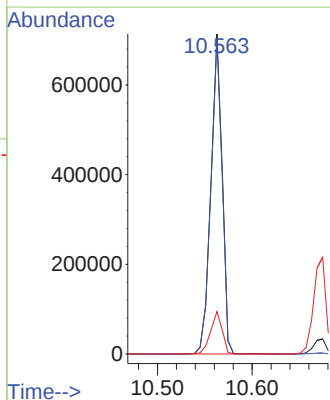
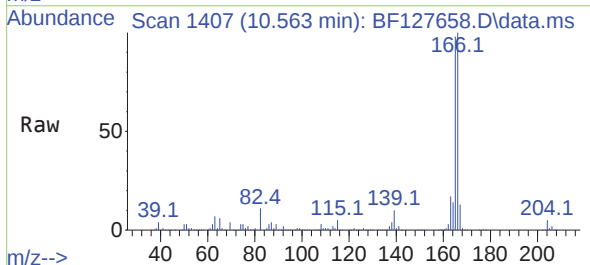
Manual Integrations
APPROVED

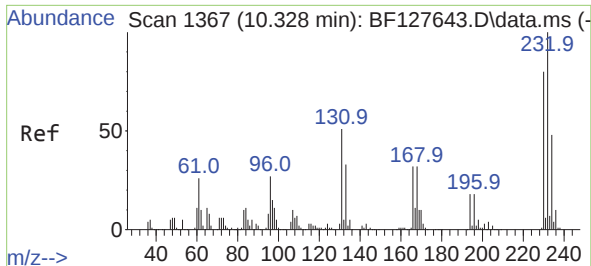
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#58
Fluorene
Concen: 48.057 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

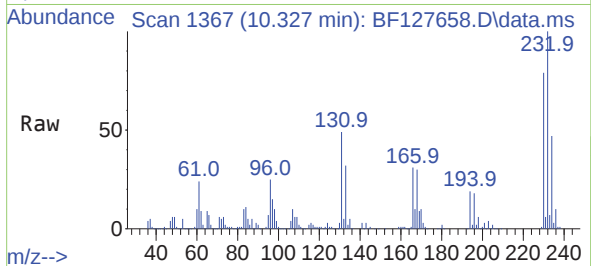
Tgt Ion:166 Resp: 588138
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.974 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

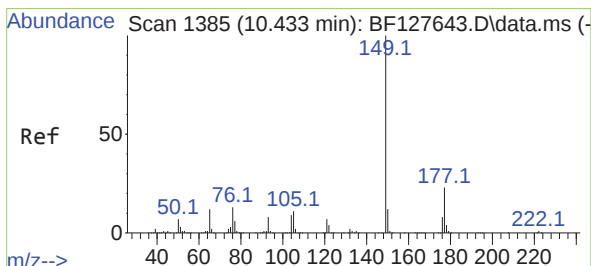
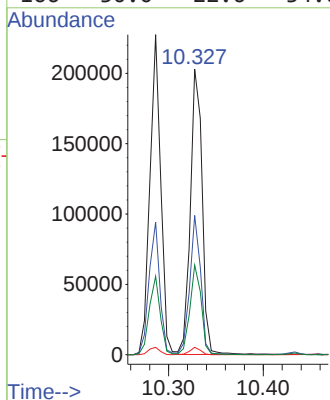
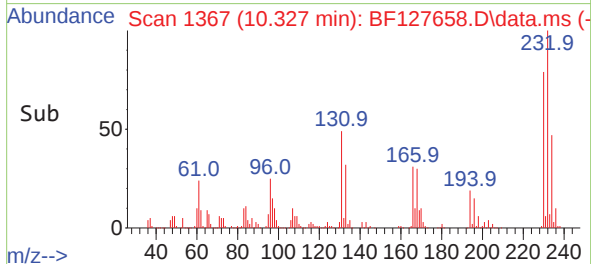
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



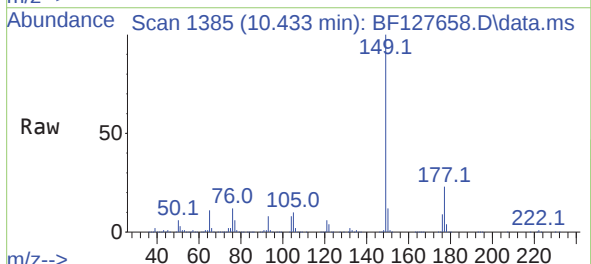
Tgt Ion:232 Resp: 175430
Ion Ratio Lower Upper
232 100
131 44.8 33.4 50.0
130 2.4 1.8 2.6
166 30.0 22.6 34.0

Manual Integrations
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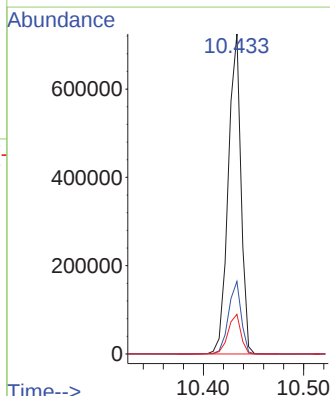
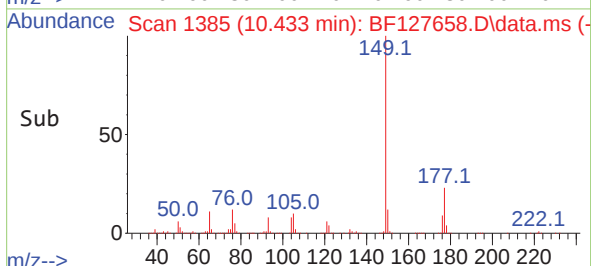
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

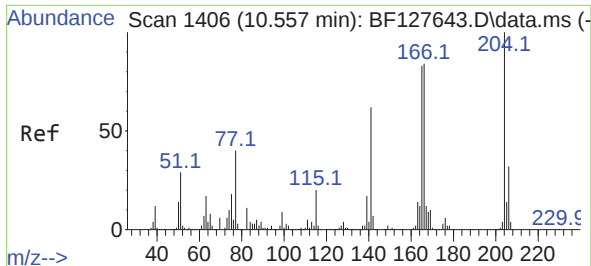


#60
Diethylphthalate
Concen: 47.161 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



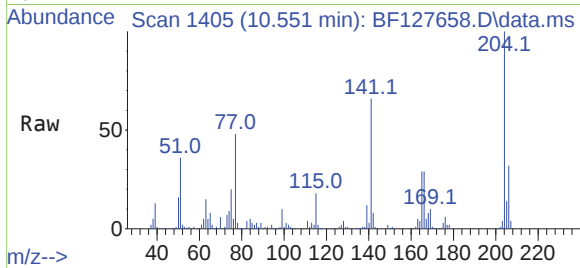
Tgt Ion:149 Resp: 637526
Ion Ratio Lower Upper
149 100
177 22.7 18.9 28.3
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.640 ng
RT: 10.551 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

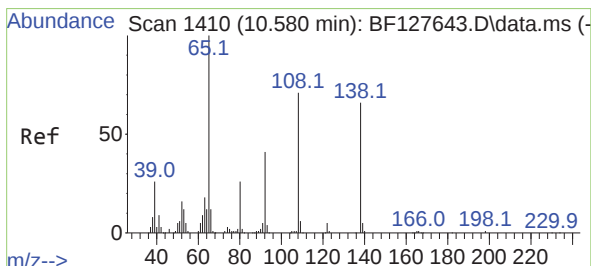
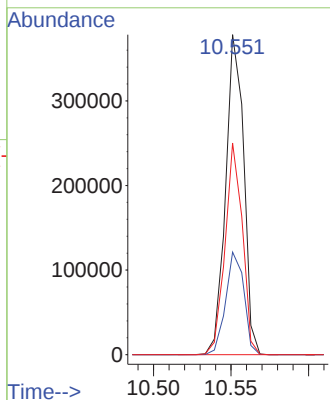
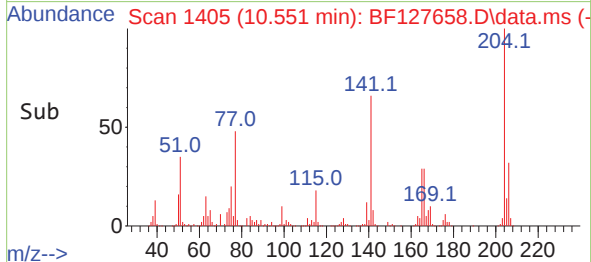
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:204 Resp: 306900
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 66.2 47.8 71.8

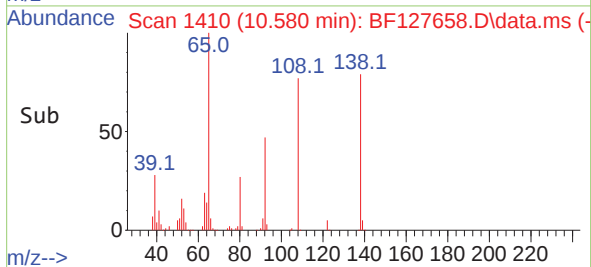
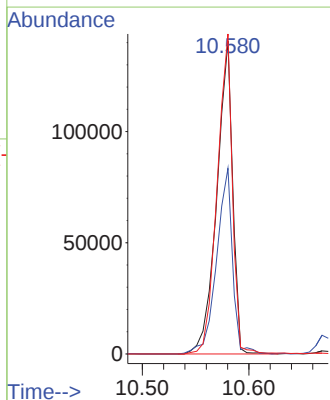
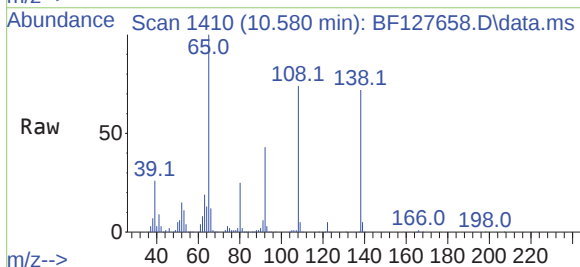
Manual Integrations
APPROVED

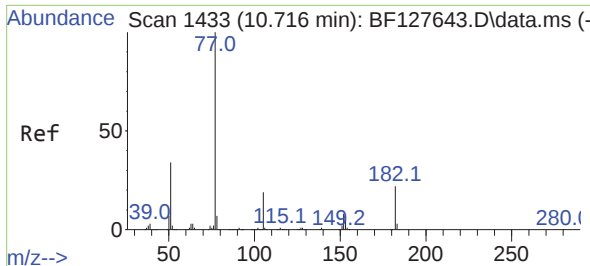
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#62
4-Nitroaniline
Concen: 54.870 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

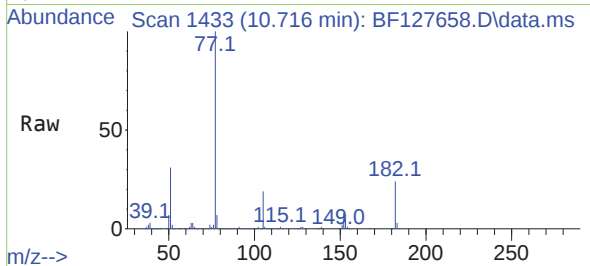
Tgt Ion:138 Resp: 145371
Ion Ratio Lower Upper
138 100
92 59.4 40.5 80.5
108 102.3 69.2 109.2





#63
Azobenzene
Concen: 46.575 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :
BNA_F
ClientSampleId :
PF-1MSD

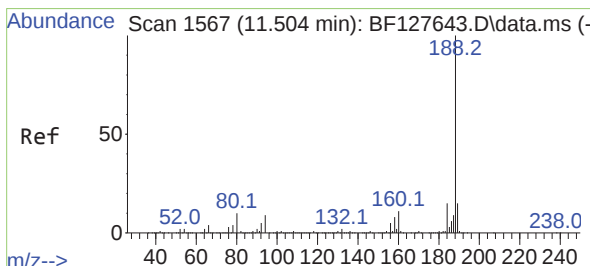
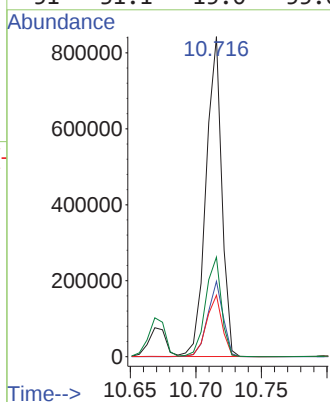
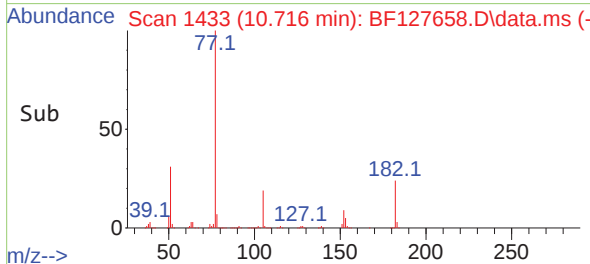


Tgt Ion: 77 Resp: 703534

Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.5	44.5
105	19.2	0.3	40.3
51	31.1	15.0	55.0

Manual Integrations
APPROVED

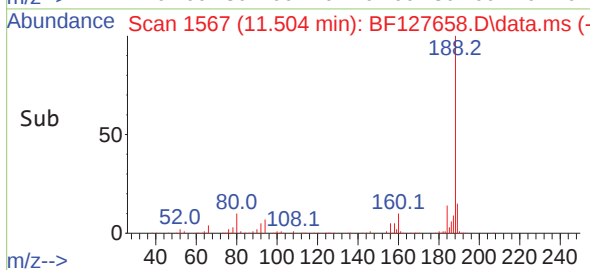
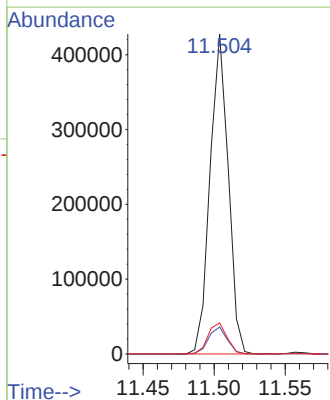
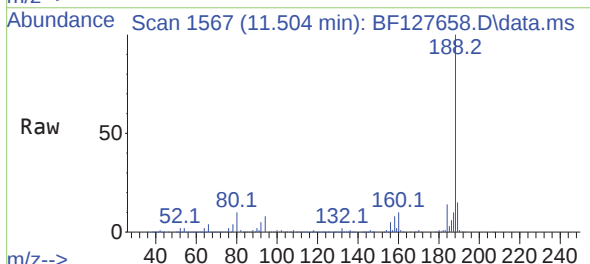
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

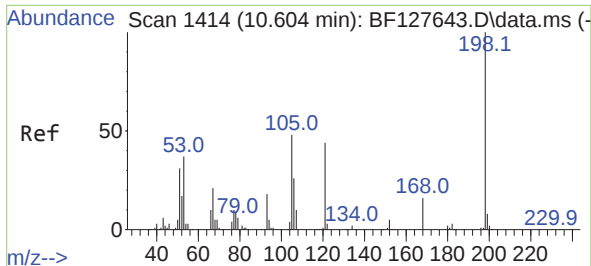


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Tgt Ion:188 Resp: 381999

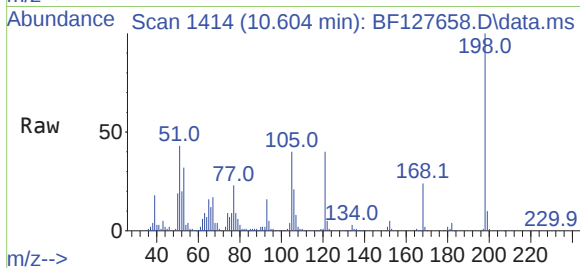
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.0
80	9.7	8.0	12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 44.590 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

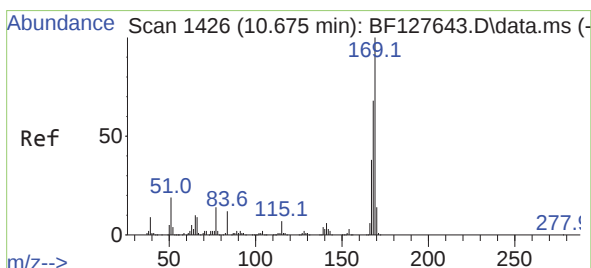
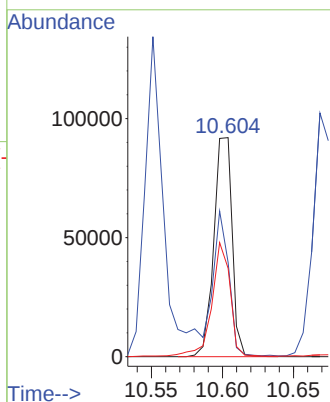
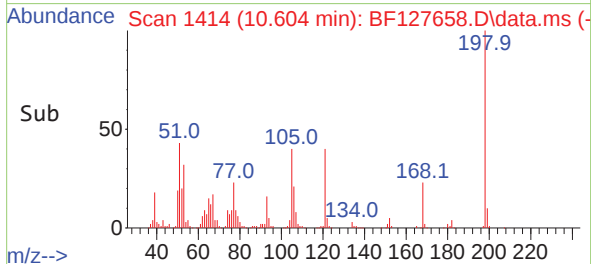
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



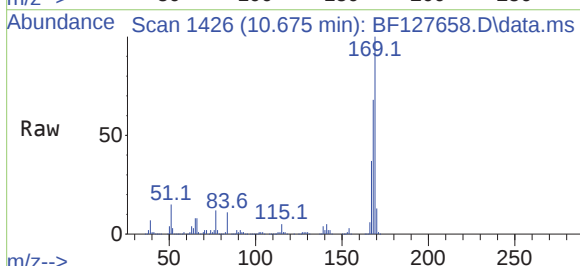
Tgt Ion:198 Resp: 82272
Ion Ratio Lower Upper
198 100
51 43.0 42.7 82.7
105 40.3 25.4 65.4

Manual Integrations
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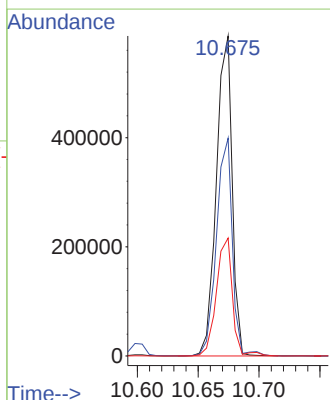
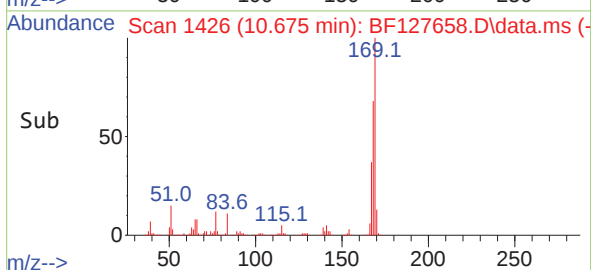
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

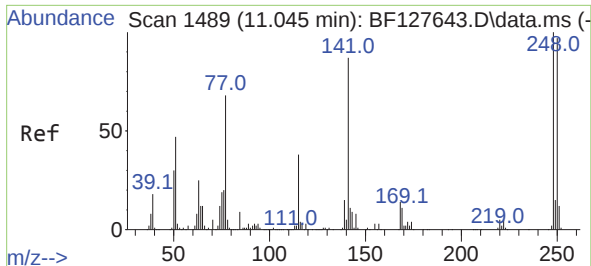


#66
n-Nitrosodiphenylamine
Concen: 43.951 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



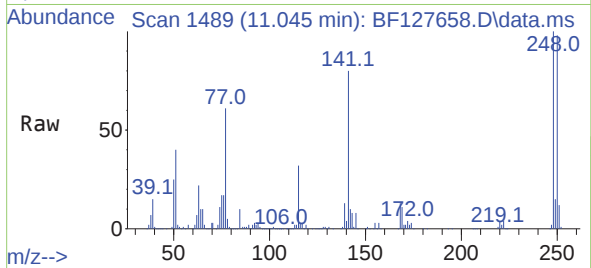
Tgt Ion:169 Resp: 528765
Ion Ratio Lower Upper
169 100
168 68.0 52.7 79.1
167 36.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.097 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

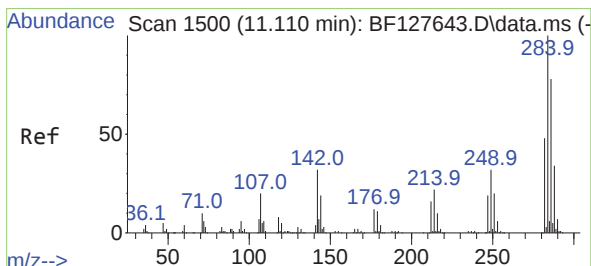
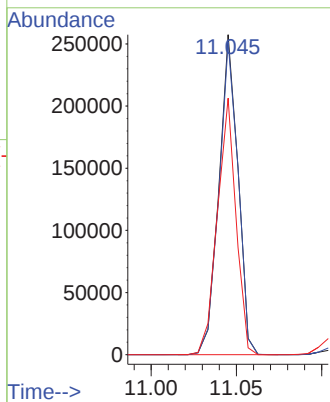
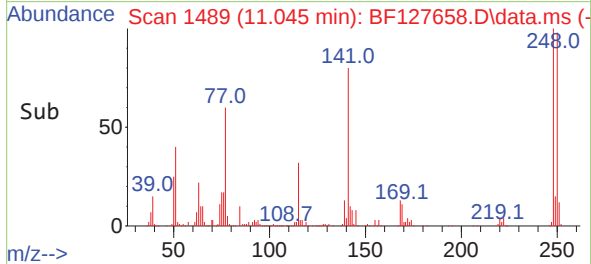
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



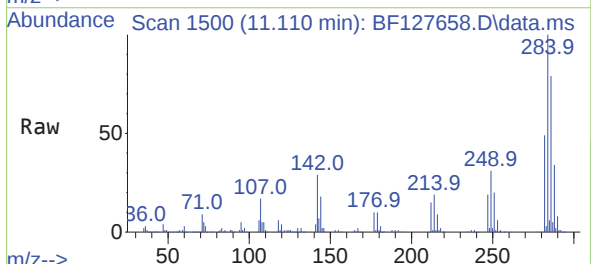
Tgt Ion:248 Resp: 199802
Ion Ratio Lower Upper
248 100
250 97.7 76.6 115.0
141 80.1 52.2 78.2

Manual Integrations
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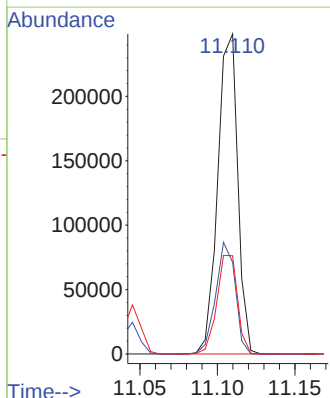
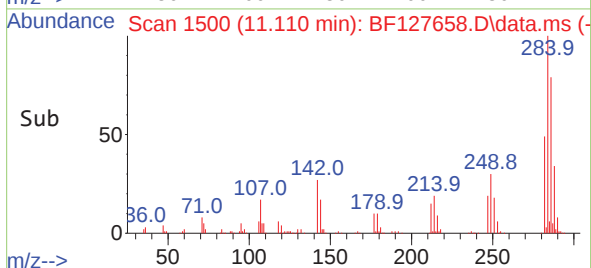
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

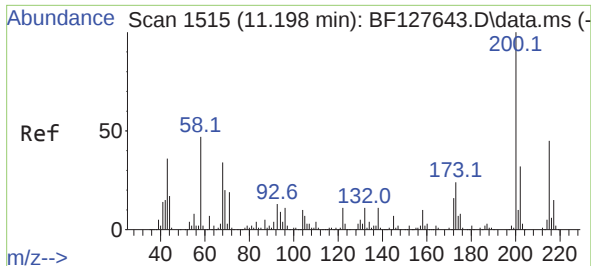


#68
Hexachlorobenzene
Concen: 44.134 ng
RT: 11.110 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



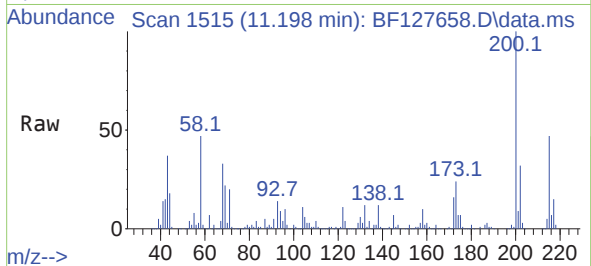
Tgt Ion:284 Resp: 223665
Ion Ratio Lower Upper
284 100
142 28.7 23.8 35.8
249 30.7 23.9 35.9





#69
Atrazine
Concen: 51.725 ng
RT: 11.198 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

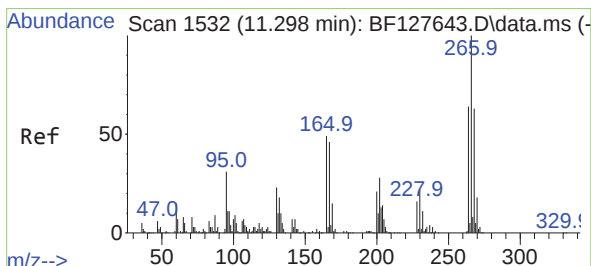
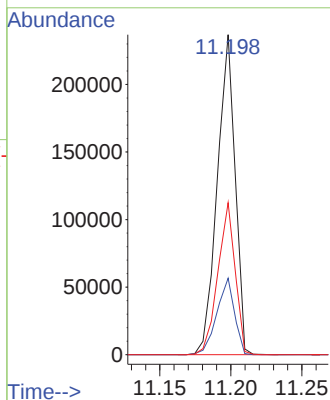
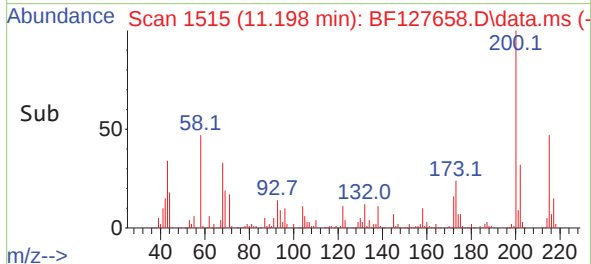
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



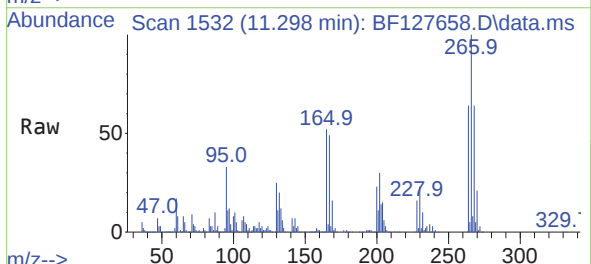
Tgt Ion:200 Resp: 20675
Ion Ratio Lower Upper
200 100
173 23.9 2.9 42.9
215 47.5 28.0 68.0

Manual Integrations
APPROVED

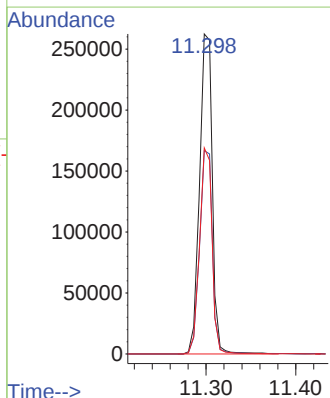
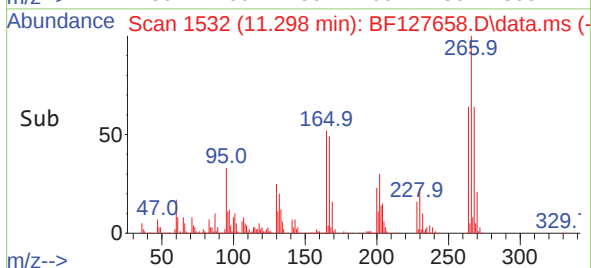
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

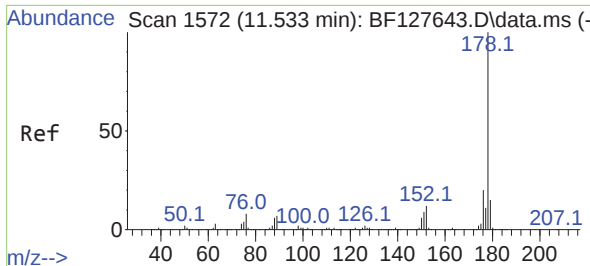


#70
Pentachlorophenol
Concen: 85.631 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



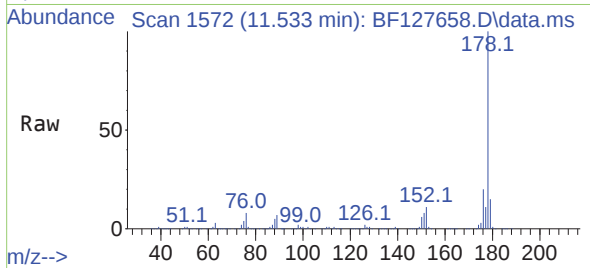
Tgt Ion:266 Resp: 259192
Ion Ratio Lower Upper
266 100
268 63.5 50.4 75.6
264 64.4 48.5 72.7





#71
Phenanthrene
Concen: 45.360 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

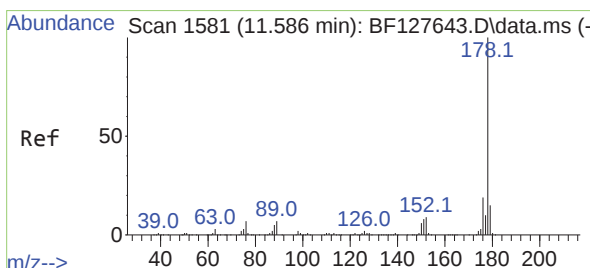
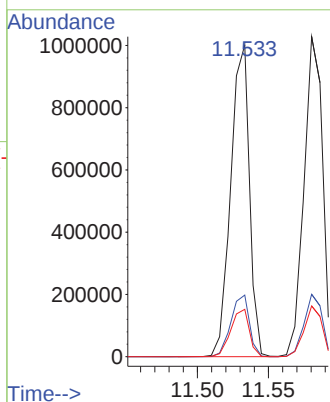
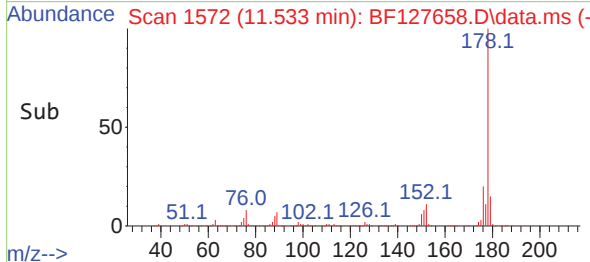
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



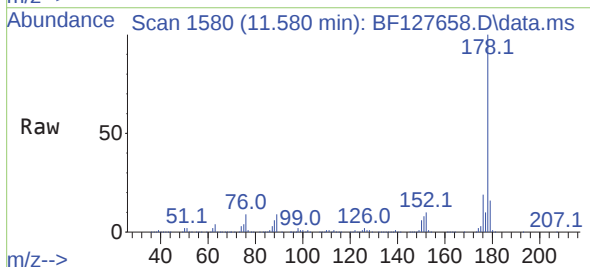
Tgt Ion:178 Resp: 918069
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.2 12.4 18.6

Manual Integrations
APPROVED

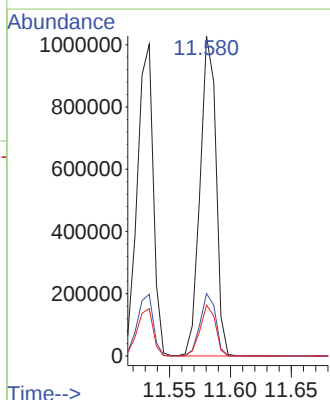
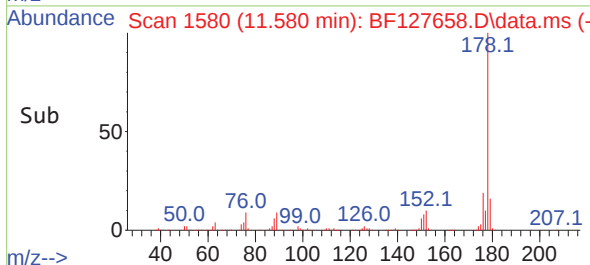
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

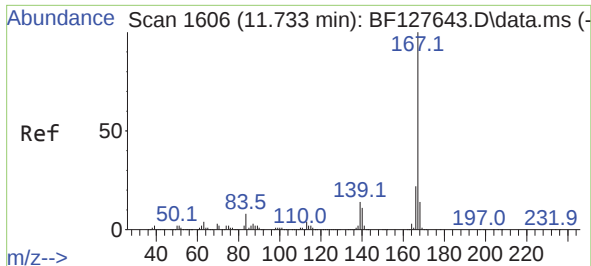


#72
Anthracene
Concen: 46.568 ng
RT: 11.580 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



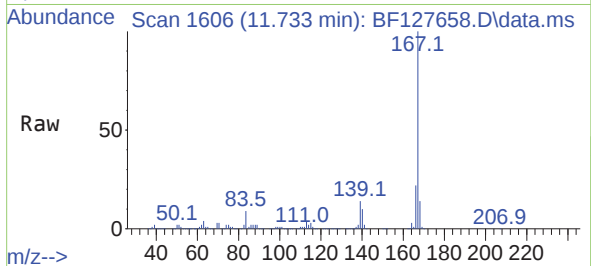
Tgt Ion:178 Resp: 932319
Ion Ratio Lower Upper
178 100
176 19.5 14.6 22.0
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 45.986 ng
 RT: 11.733 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF127658.D
 Acq: 06 Apr 2022 20:08

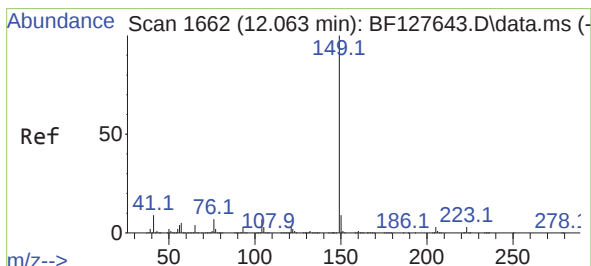
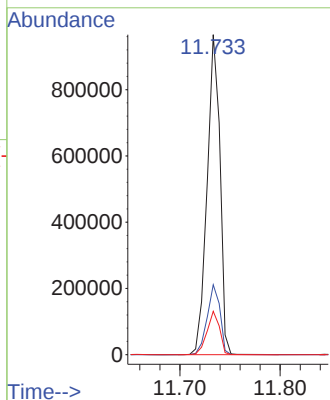
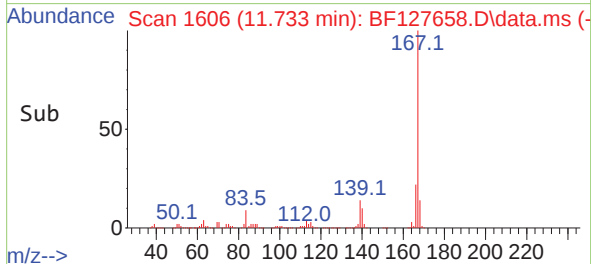
Instrument :
 BNA_F
 ClientSampleId :
 PF-1MSD



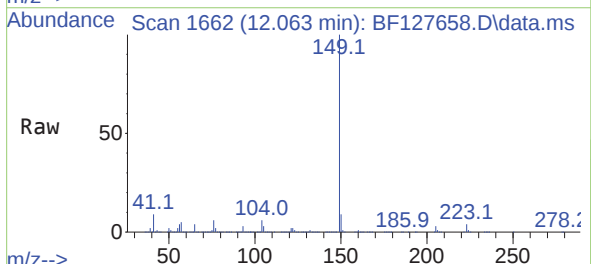
Tgt Ion:167 Resp: 862682
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.4
 139 13.6 10.5 15.7

Manual Integrations
 APPROVED

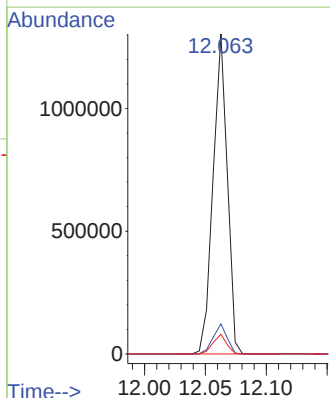
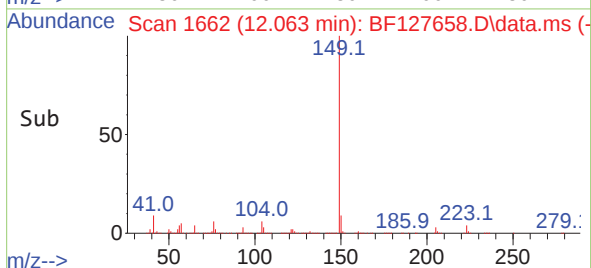
Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022

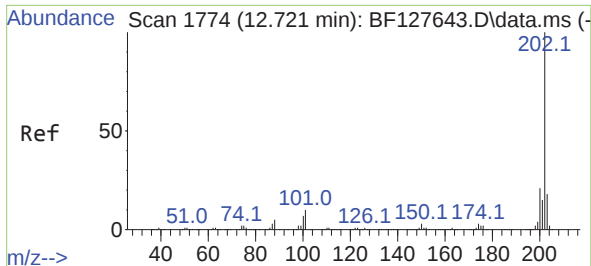


#74
 Di-n-butylphthalate
 Concen: 47.046 ng
 RT: 12.063 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF127658.D
 Acq: 06 Apr 2022 20:08



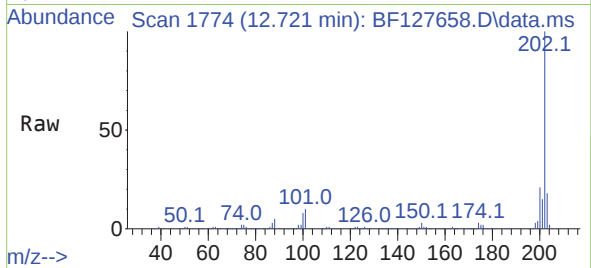
Tgt Ion:149 Resp: 1055047
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.2 4.2 6.2





#75
Fluoranthene
Concen: 49.684 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

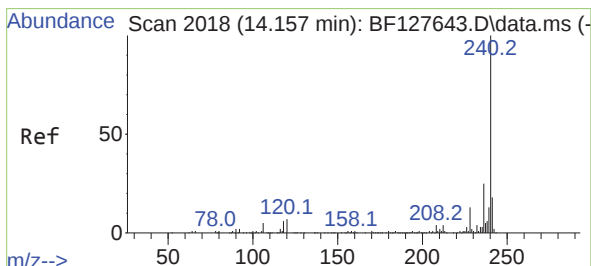
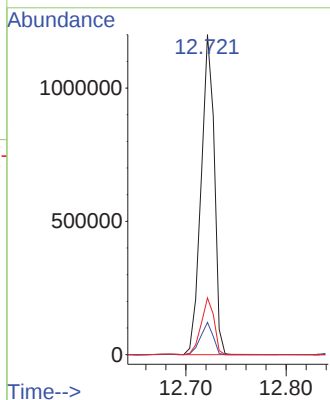
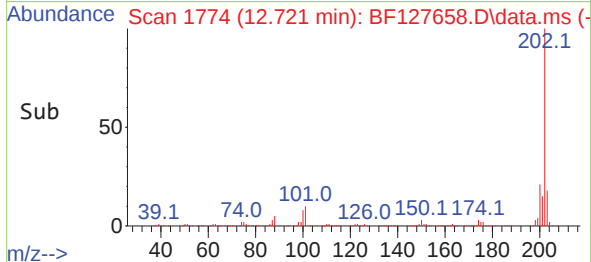
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



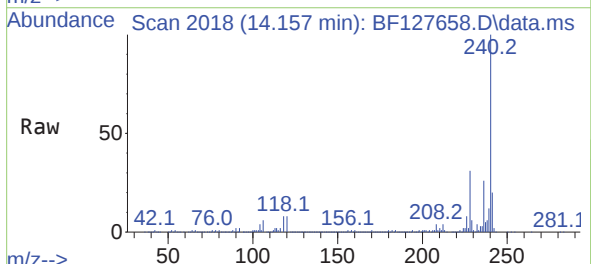
Tgt Ion:202 Resp: 109733
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.0
203 17.7 0.0 37.7

Manual Integrations
APPROVED

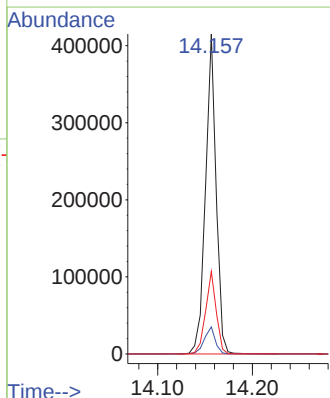
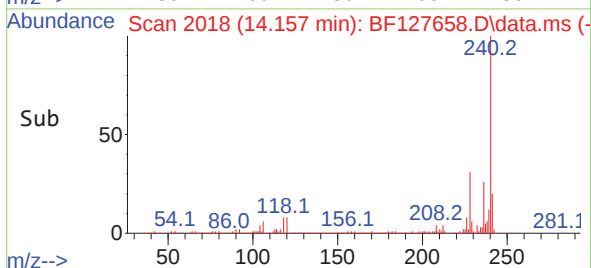
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

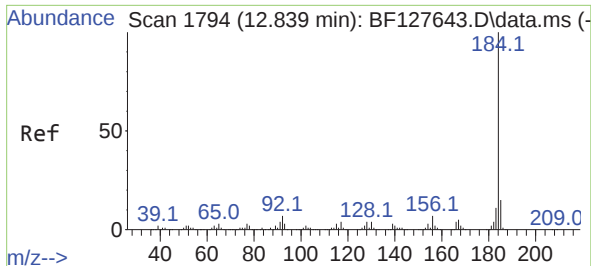


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



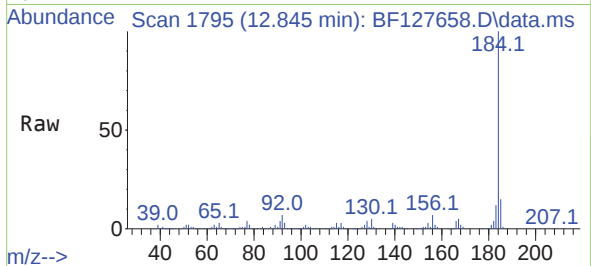
Tgt Ion:240 Resp: 322719
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.8 20.7 31.1





#77
Benzidine
Concen: 79.552 ng
RT: 12.845 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

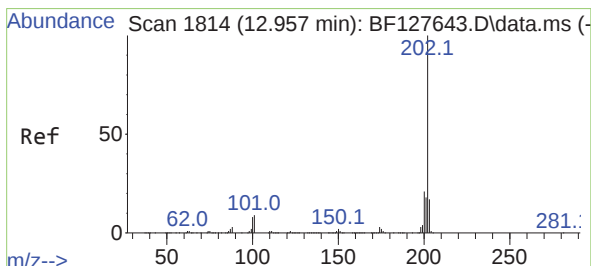
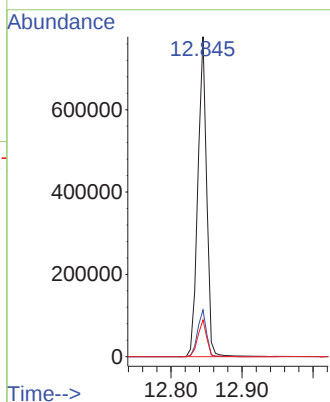
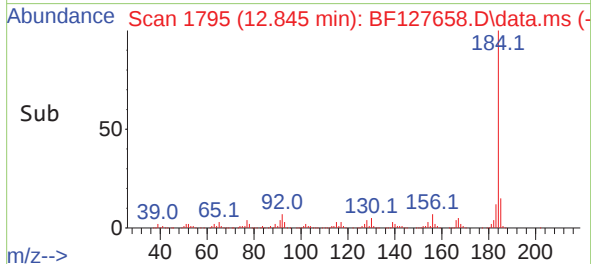
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



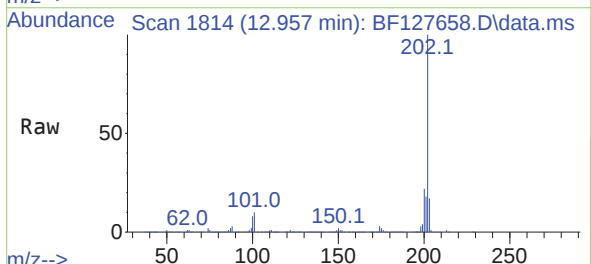
Tgt Ion:184 Resp: 670080
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 11.5 9.4 14.0

Manual Integrations
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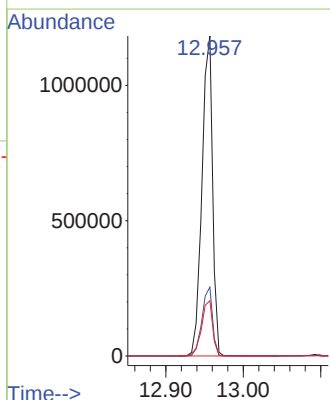
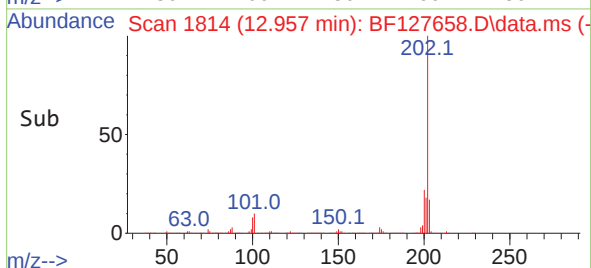
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

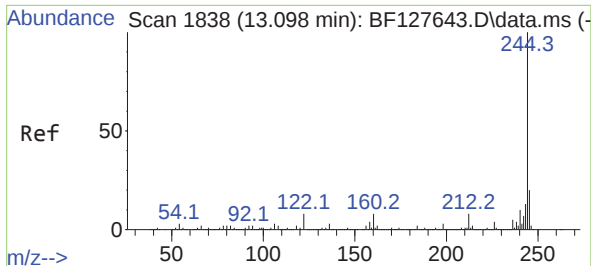


#78
Pyrene
Concen: 41.175 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion:202 Resp: 1122077
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.2 14.3 21.5





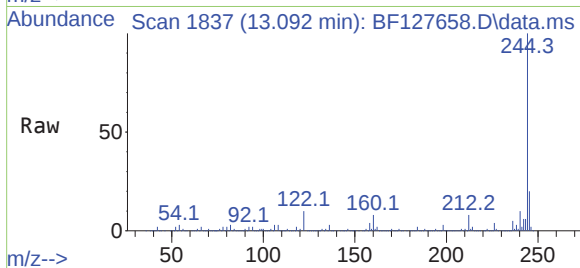
#79
 Terphenyl-d14
 Concen: 63.639 ng
 RT: 13.092 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF127658.D
 Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

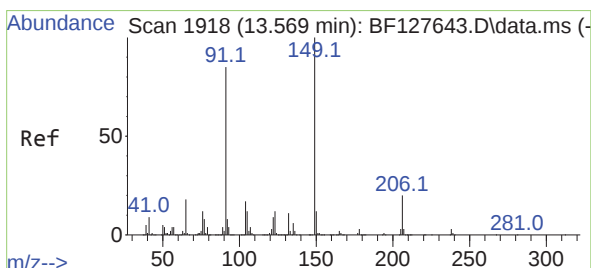
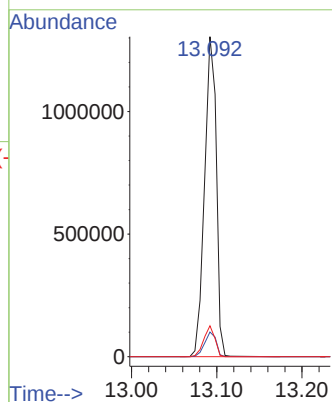
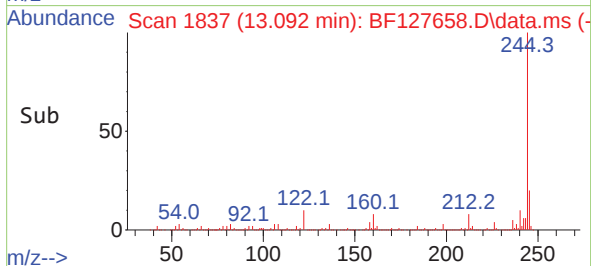


Tgt Ion:244 Resp: 1244252
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 9.7 6.2 9.2

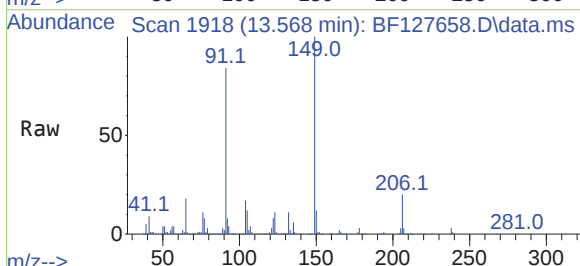
Manual Integrations

APPROVED

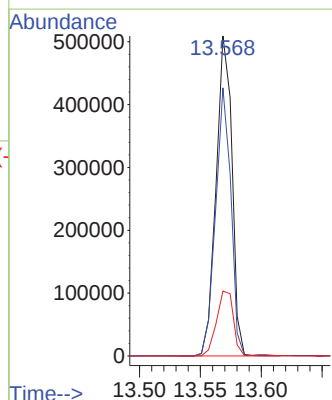
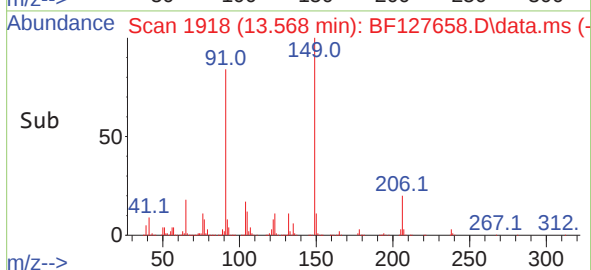
Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022

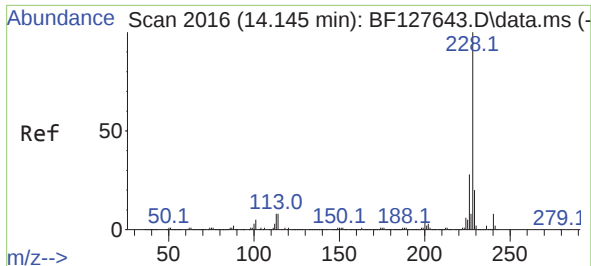


#80
 Butylbenzylphthalate
 Concen: 45.584 ng
 RT: 13.568 min Scan# 1918
 Delta R.T. -0.000 min
 Lab File: BF127658.D
 Acq: 06 Apr 2022 20:08



Tgt Ion:149 Resp: 462521
 Ion Ratio Lower Upper
 149 100
 91 83.8 69.1 103.7
 206 20.3 17.7 26.5





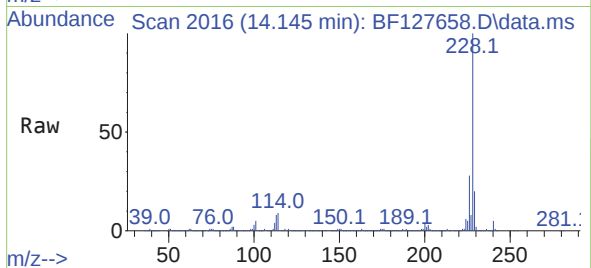
#81
Benzo(a)anthracene
Concen: 46.597 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

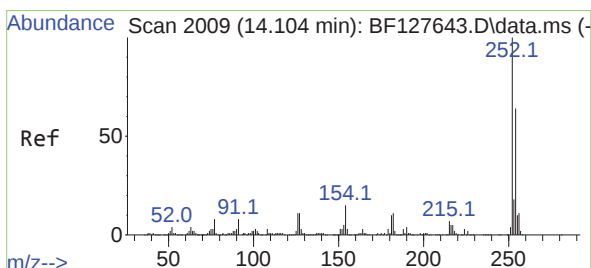
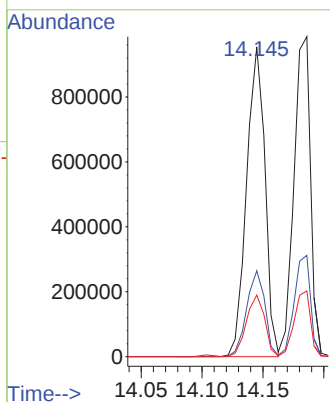
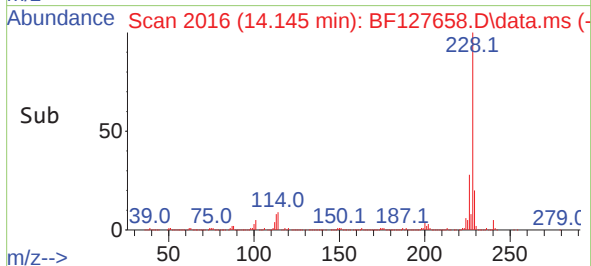


Tgt Ion:228 Resp: 1004359
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 19.9 15.4 23.2

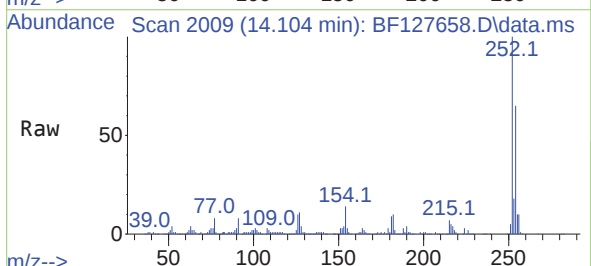
Manual Integrations

APPROVED

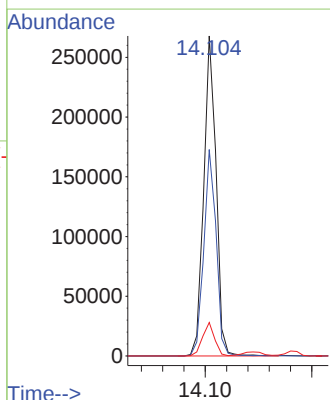
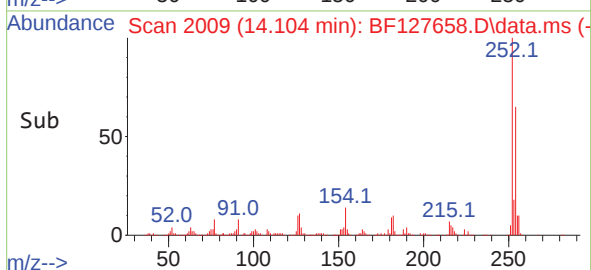
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

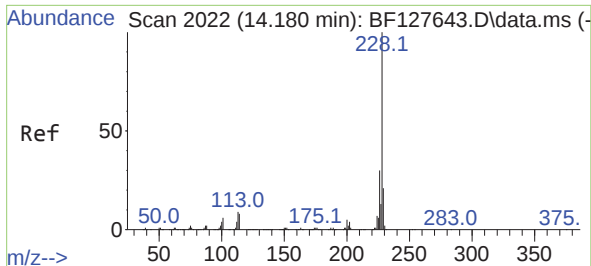


#82
3,3'-Dichlorobenzidine
Concen: 32.155 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



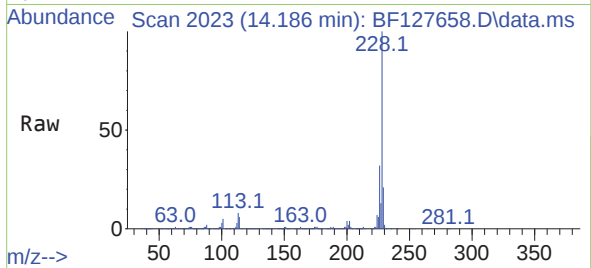
Tgt Ion:252 Resp: 216066
Ion Ratio Lower Upper
252 100
254 64.5 50.2 75.4
126 10.4 8.7 13.1





#83
Chrysene
Concen: 45.275 ng
RT: 14.186 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

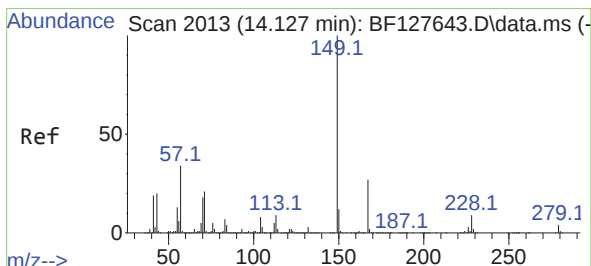
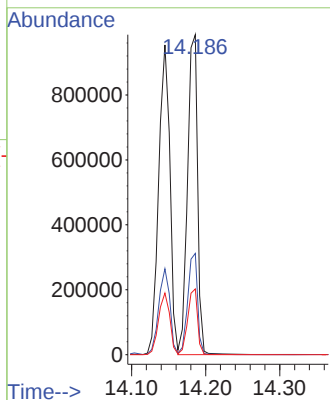
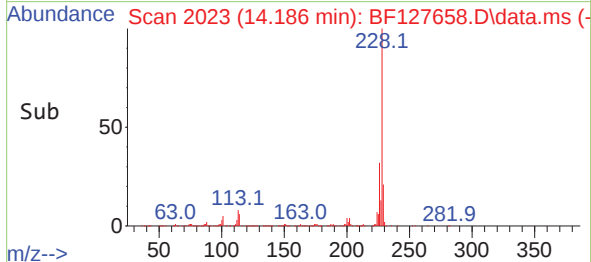
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:228 Resp: 936740
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.4
229 20.6 15.4 23.2

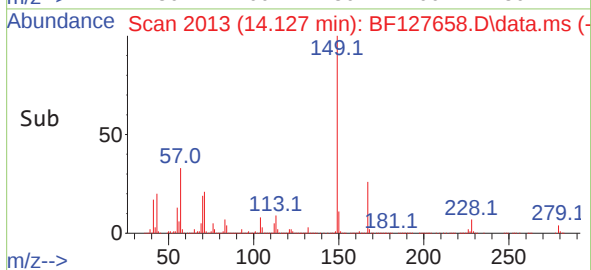
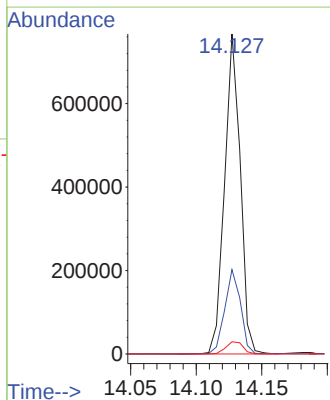
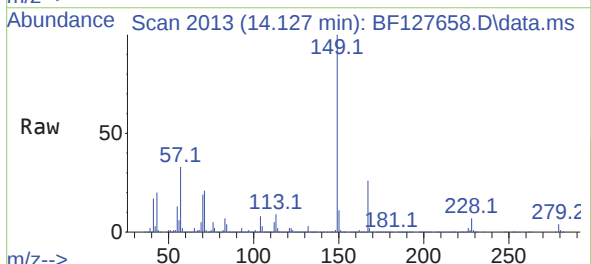
Manual Integrations
APPROVED

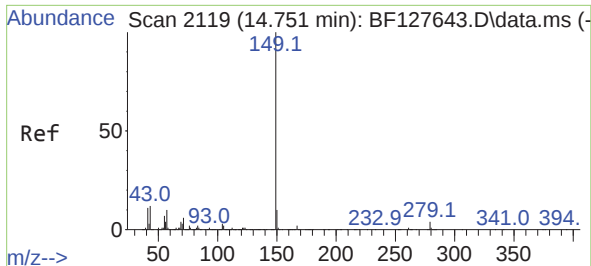
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.530 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

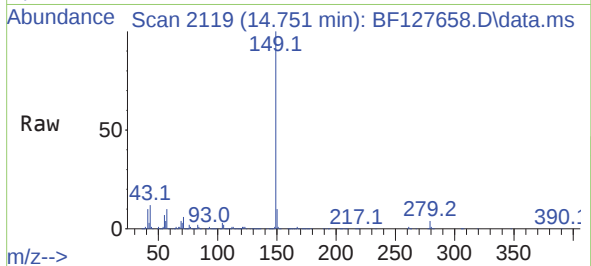
Tgt Ion:149 Resp: 636871
Ion Ratio Lower Upper
149 100
167 26.4 22.9 34.3
279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.174 ng
RT: 14.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

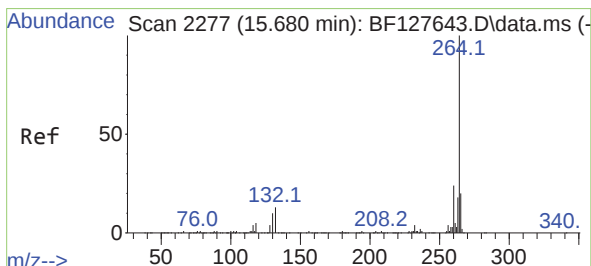
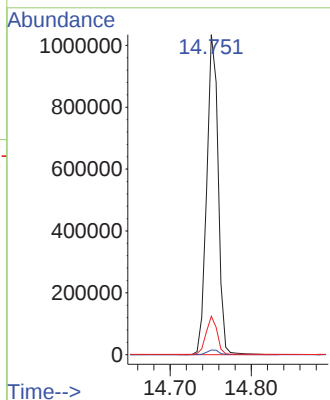
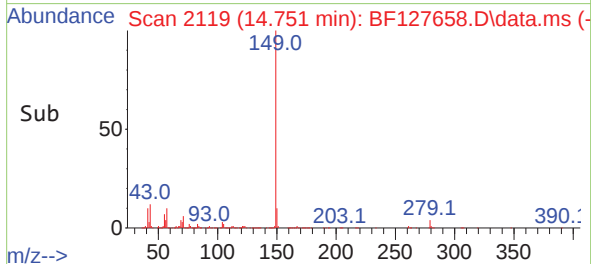
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



Tgt Ion:149 Resp: 100741
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.6 11.0 16.6

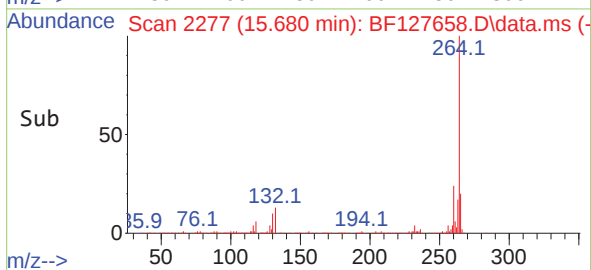
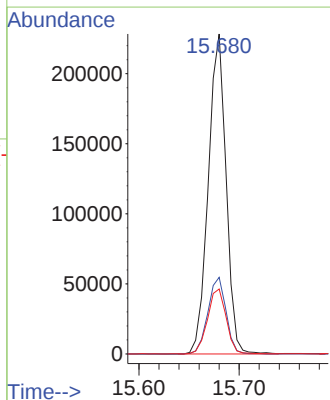
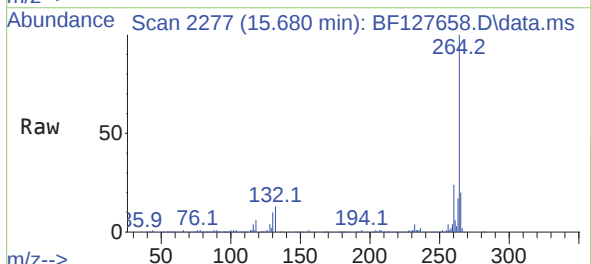
Manual Integrations
APPROVED

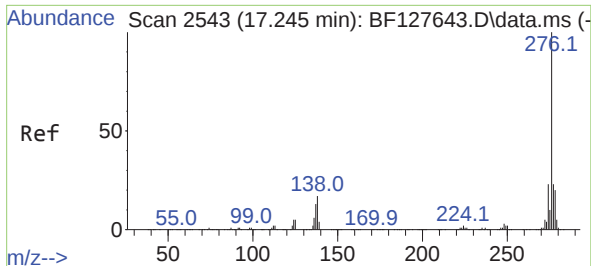
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Tgt Ion:264 Resp: 281928
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 20.3 17.4 26.2





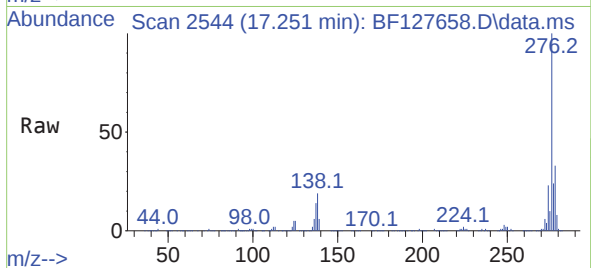
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.513 ng
RT: 17.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

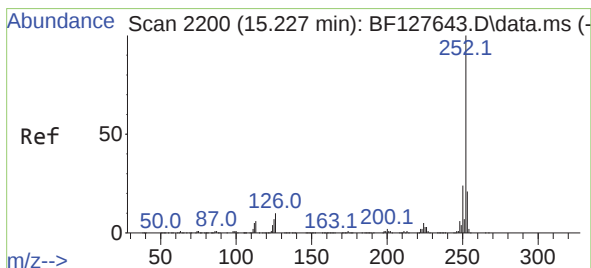
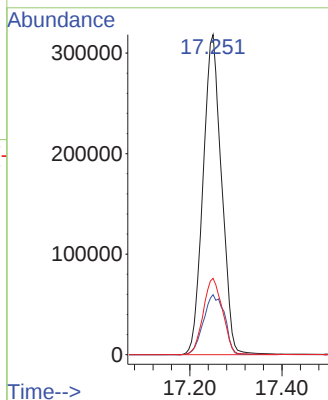
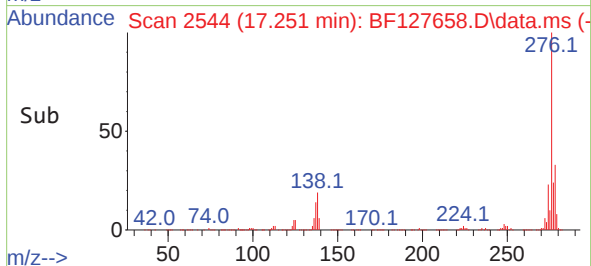


Tgt Ion:276 Resp: 889772
Ion Ratio Lower Upper
276 100
138 21.4 17.1 25.7
277 25.0 19.9 29.9

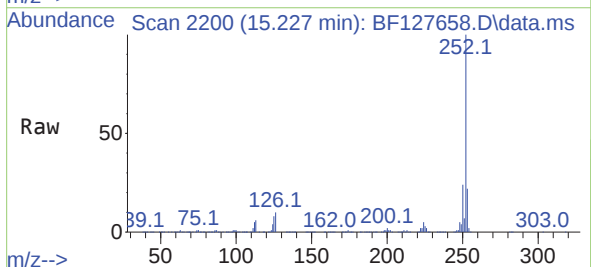
Manual Integrations

APPROVED

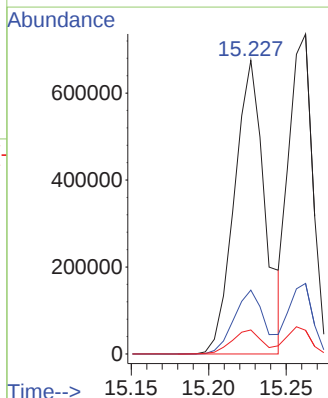
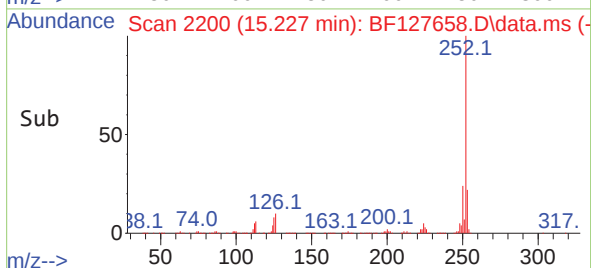
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

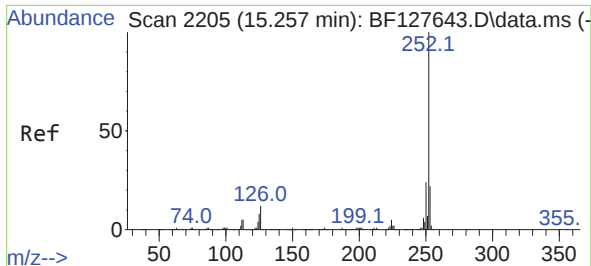


#88
Benzo(b)fluoranthene
Concen: 50.841 ng
RT: 15.227 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion:252 Resp: 922076
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 43.919 ng

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA_F

ClientSampleId :

PF-1MSD

Tgt Ion:252 Resp: 79000

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

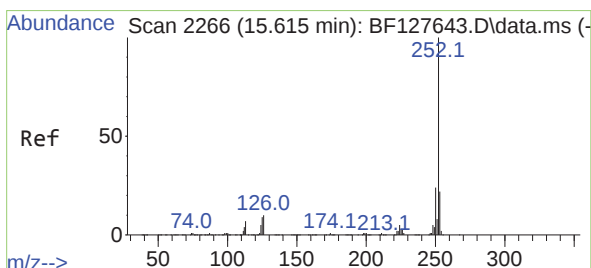
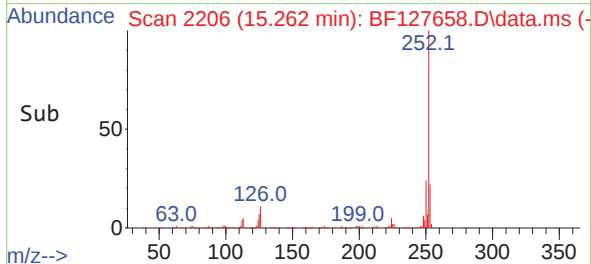
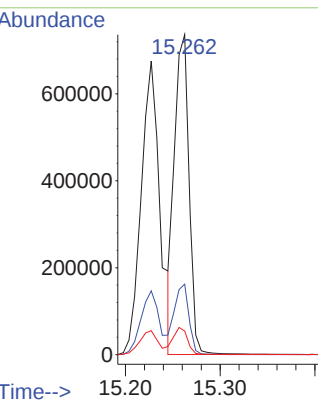
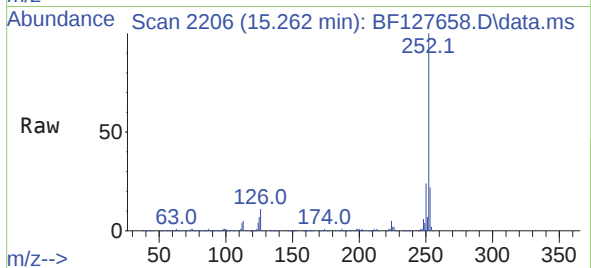
125 7.4 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2022

Supervised By :Jagrut Upadhyay 04/07/2022



#90

Benzo(a)pyrene

Concen: 55.787 ng

RT: 15.615 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

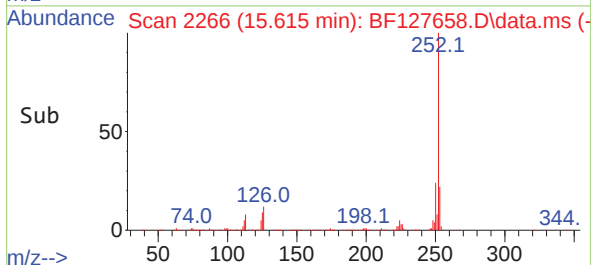
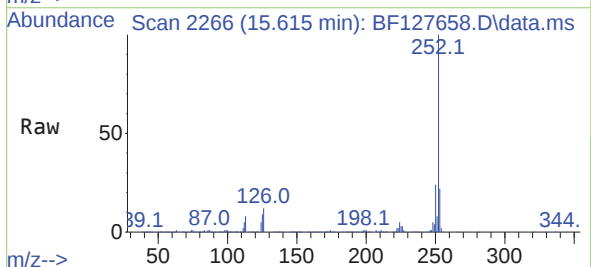
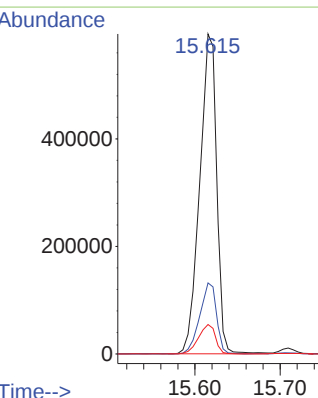
Tgt Ion:252 Resp: 822358

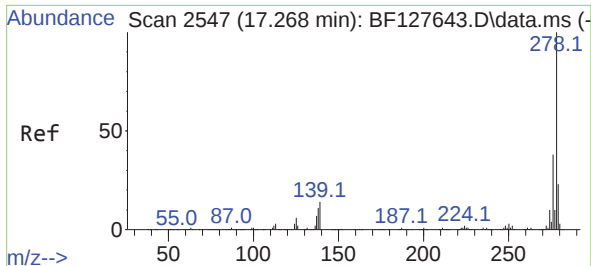
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

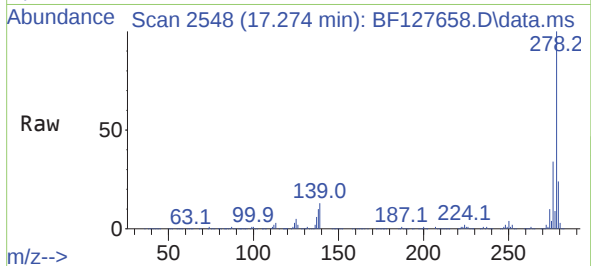
125 9.2 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 53.700 ng
RT: 17.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08

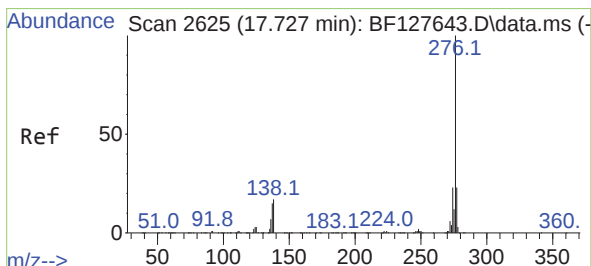
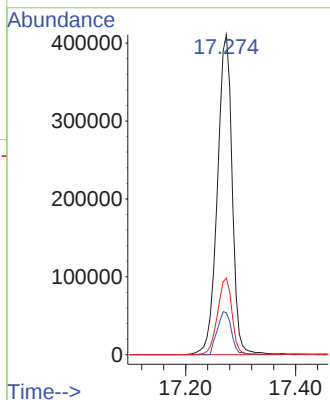
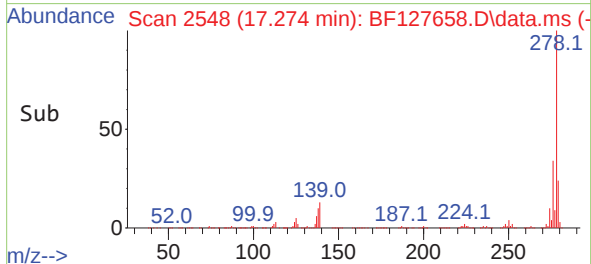
Instrument :
BNA_F
ClientSampleId :
PF-1MSD



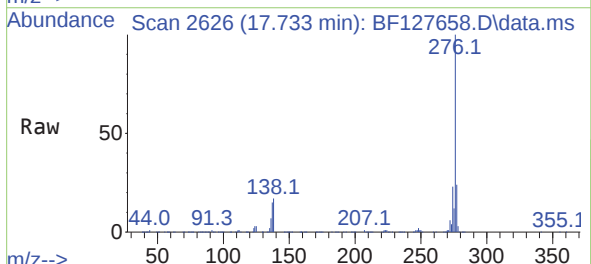
Tgt Ion:278 Resp: 766400
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 23.9 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#92
Benzo(g,h,i)perylene
Concen: 53.746 ng
RT: 17.733 min Scan# 2626
Delta R.T. 0.006 min
Lab File: BF127658.D
Acq: 06 Apr 2022 20:08



Tgt Ion:276 Resp: 786377
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 17.5 14.6 22.0

