

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127333.D
 Acq On : 15 Mar 2022 19:42
 Operator : CG\JU
 Sample : N1890-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

Quant Time: Mar 16 05:30:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81076	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	290319	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	173465	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	298294	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	176801	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	186519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	596603	118.293	ng	0.02
7) Phenol-d6	6.510	99	763212	110.005	ng	0.00
23) Nitrobenzene-d5	7.439	82	618183	87.937	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	241448	129.301	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1050844	85.647	ng	0.00
79) Terphenyl-d14	12.986	244	1043970	101.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	97831	37.411	ng	# 73
3) Pyridine	3.534	79	227914	32.752	ng	# 75
4) n-Nitrosodimethylamine	3.487	42	170951	44.339	ng	# 61
6) Aniline	6.534	93	188790	22.769	ng	# 83
8) 2-Chlorophenol	6.657	128	253288	48.546	ng	92
9) Benzaldehyde	6.428	77	130866	34.337	ng	97
10) Phenol	6.522	94	304848	39.999	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	284842	50.327	ng	89
12) 1,3-Dichlorobenzene	6.810	146	265314	45.301	ng	99
13) 1,4-Dichlorobenzene	6.887	146	267036	45.450	ng	98
14) 1,2-Dichlorobenzene	7.040	146	254923	46.100	ng	97
15) Benzyl Alcohol	7.016	79	245924	47.291	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.140	45	494881	46.593	ng	91
17) 2-Methylphenol	7.128	107	214170	48.286	ng	# 89
18) Hexachloroethane	7.375	117	103626	45.914	ng	# 84
19) n-Nitroso-di-n-propyla...	7.281	70	211088	48.755	ng	# 88
20) 3+4-Methylphenols	7.281	107	247504	43.027	ng	# 70
22) Acetophenone	7.281	105	359477	45.224	ng	# 87
24) Nitrobenzene	7.457	77	319967	48.123	ng	95
25) Isophorone	7.692	82	583026	51.578	ng	# 98
26) 2-Nitrophenol	7.769	139	129024	46.858	ng	# 73
27) 2,4-Dimethylphenol	7.804	122	224680	54.356	ng	91
28) bis(2-Chloroethoxy)met...	7.898	93	340209	47.500	ng	96
29) 2,4-Dichlorophenol	8.010	162	223907	47.300	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	252362	46.763	ng	98
31) Naphthalene	8.175	128	721193	46.568	ng	100
32) Benzoic acid	7.910	122	11717	10.139	ng	95
33) 4-Chloroaniline	8.222	127	63286	10.543	ng	# 91
34) Hexachlorobutadiene	8.281	225	161720	44.938	ng	95
35) Caprolactam	8.604	113	29532	20.883	ng	# 71
36) 4-Chloro-3-methylphenol	8.716	107	244933	47.740	ng	100
37) 2-Methylnaphthalene	8.863	142	489527	48.376	ng	97
38) 1-Methylnaphthalene	8.963	142	463887	47.684	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	257939	46.972	ng	# 94
41) Hexachlorocyclopentadiene	9.010	237	231388	99.423	ng	94
43) 2,4,6-Trichlorophenol	9.145	196	157242	45.369	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	175241	47.641	ng	# 88
46) 1,1'-Biphenyl	9.334	154	605001	46.211	ng	96
47) 2-Chloronaphthalene	9.357	162	471938	46.308	ng	99
48) 2-Nitroaniline	9.457	65	185055	47.194	ng	89
49) Acenaphthylene	9.775	152	755843	48.464	ng	99
50) Dimethylphthalate	9.633	163	590888	47.537	ng	99
51) 2,6-Dinitrotoluene	9.704	165	126813	50.436	ng	96
52) Acenaphthene	9.945	154	422382	45.434	ng	97
53) 3-Nitroaniline	9.869	138	60612	22.121	ng	95
54) 2,4-Dinitrophenol	9.981	184	38852	30.537	ng	93
55) Dibenzofuran	10.116	168	641234	44.398	ng	96
56) 4-Nitrophenol	10.045	139	131709	79.086	ng	# 74
57) 2,4-Dinitrotoluene	10.110	165	158373	47.874	ng	# 89
58) Fluorene	10.463	166	511852	45.704	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	147688	48.314	ng	# 77
60) Diethylphthalate	10.333	149	531524	46.880	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	276320	45.528	ng	89
62) 4-Nitroaniline	10.492	138	110670	40.533	ng	# 76
63) Azobenzene	10.610	77	595073	45.658	ng	88
65) 4,6-Dinitro-2-methylph...	10.516	198	46126	25.080	ng	83
66) n-Nitrosodiphenylamine	10.575	169	438807	47.366	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	172346	47.930	ng	# 89
68) Hexachlorobenzene	11.010	284	186994	47.717	ng	# 85
69) Atrazine	11.104	200	166360	52.040	ng	93
70) Pentachlorophenol	11.210	266	155768	98.448	ng	98
71) Phenanthrene	11.427	178	726783	46.155	ng	99
72) Anthracene	11.480	178	736056	47.200	ng	100
73) Carbazole	11.639	167	629268	42.850	ng	97
74) Di-n-butylphthalate	11.957	149	795453	46.310	ng	99
75) Fluoranthene	12.616	202	739777	42.017	ng	93
77) Benzidine	12.739	184	110084	24.485	ng	98
78) Pyrene	12.845	202	725542	52.686	ng	99
80) Butylbenzylphthalate	13.457	149	263656	49.747	ng	# 93
81) Benzo(a)anthracene	14.039	228	570649	47.936	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	91677	24.768	ng	# 95
83) Chrysene	14.074	228	523485	47.278	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	358812	50.293	ng	# 98
85) Di-n-octyl phthalate	14.627	149	595497	55.147	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	615703	54.796	ng	# 84
88) Benzo(b)fluoranthene	15.098	252	562633	45.955	ng	# 92
89) Benzo(k)fluoranthene	15.127	252	551449	47.903	ng	# 93
90) Benzo(a)pyrene	15.474	252	557097	57.785	ng	# 92
91) Dibenzo(a,h)anthracene	17.057	278	548655	58.669	ng	# 89
92) Benzo(g,h,i)perylene	17.504	276	532917	58.420	ng	# 83

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

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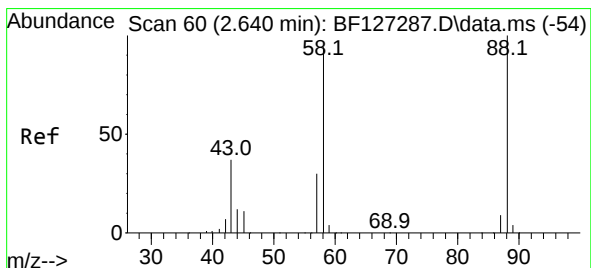
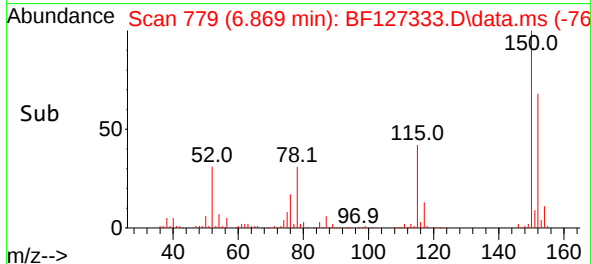
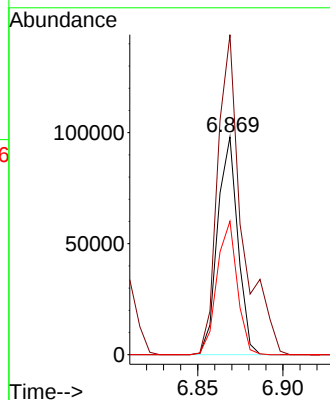
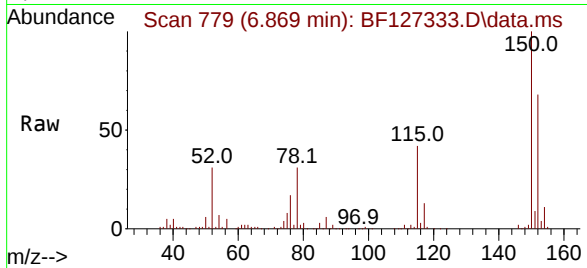




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

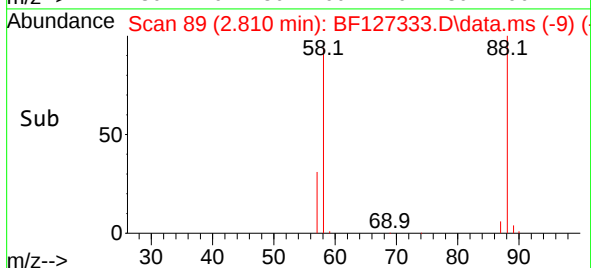
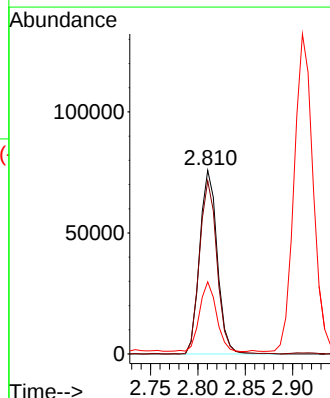
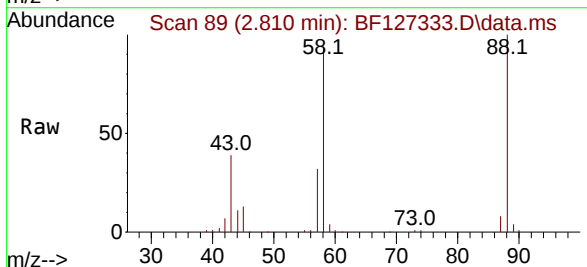
Instrument :
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 ClientSampleId :
 VNJ-232MSD

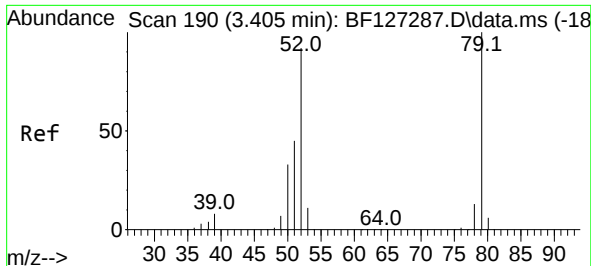
Tgt Ion:152 Resp: 81076
 Ion Ratio Lower Upper
 152 100
 150 147.0 128.1 192.1
 115 61.3 56.7 85.1



#2
 1,4-Dioxane
 Concen: 37.411 ng
 RT: 2.810 min Scan# 89
 Delta R.T. 0.171 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

Tgt Ion: 88 Resp: 97831
 Ion Ratio Lower Upper
 88 100
 58 94.4 62.8 94.2#
 43 0.0 22.3 33.5#





#3

Pyridine

Concen: 32.752 ng

RT: 3.534 min Scan# 212

Delta R.T. 0.129 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

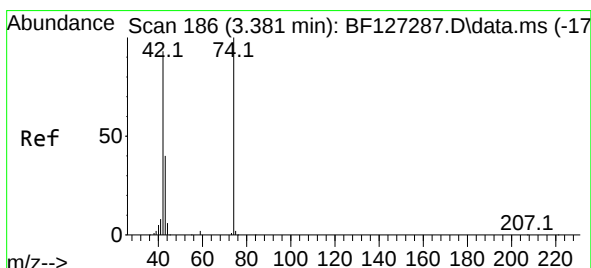
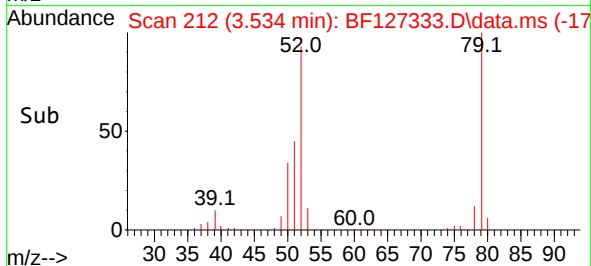
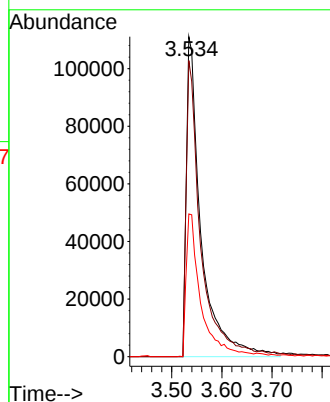
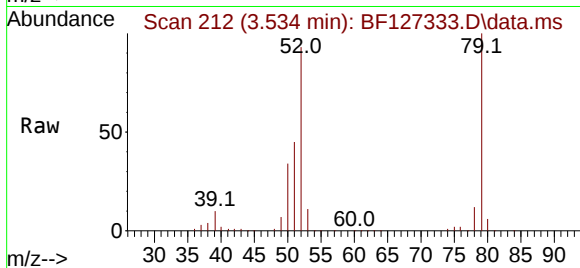
Tgt Ion: 79 Resp: 227914

Ion Ratio Lower Upper

79 100

52 92.5 56.2 84.4#

51 44.6 26.7 40.1#



#4

n-Nitrosodimethylamine

Concen: 44.339 ng

RT: 3.487 min Scan# 204

Delta R.T. 0.106 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

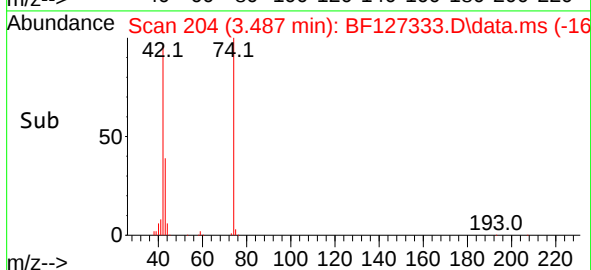
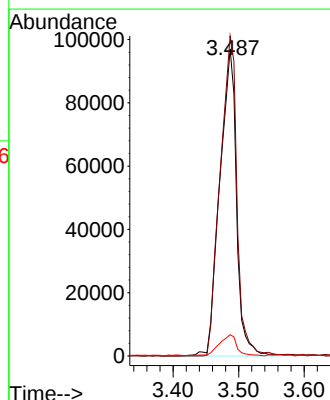
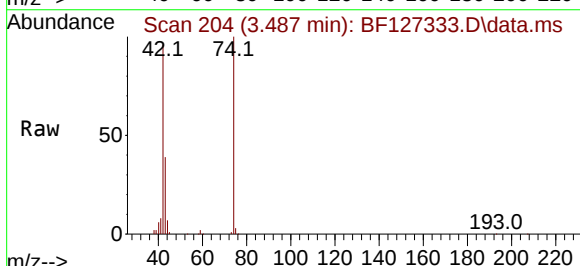
Tgt Ion: 42 Resp: 170951

Ion Ratio Lower Upper

42 100

74 104.2 125.6 188.4#

44 7.0 5.7 8.5

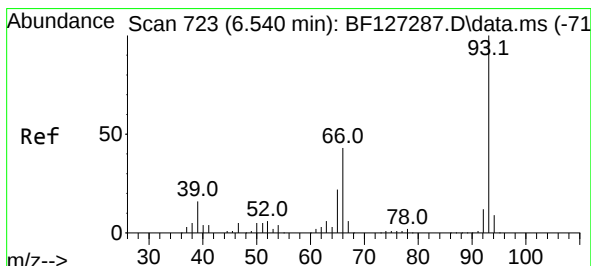
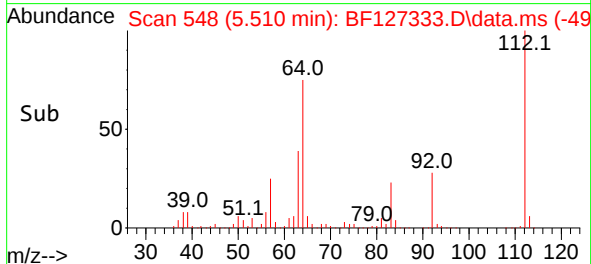
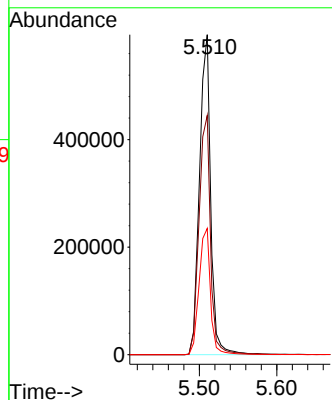
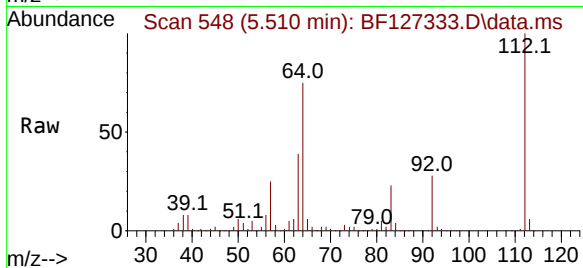




#5
2-Fluorophenol
Concen: 118.293 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

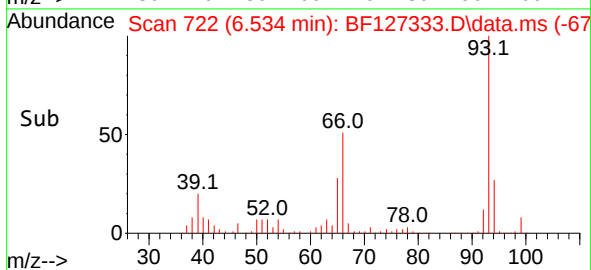
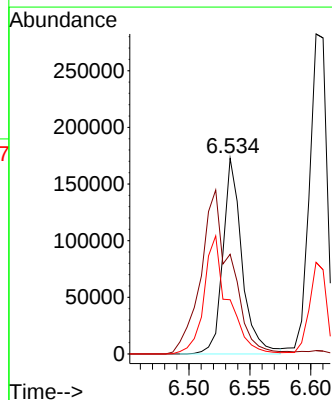
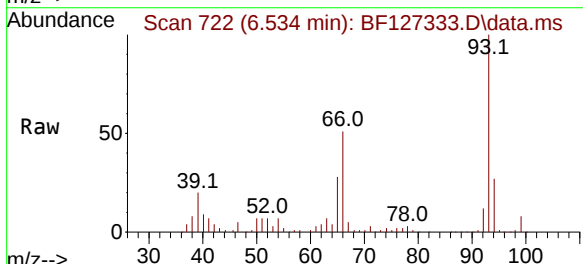
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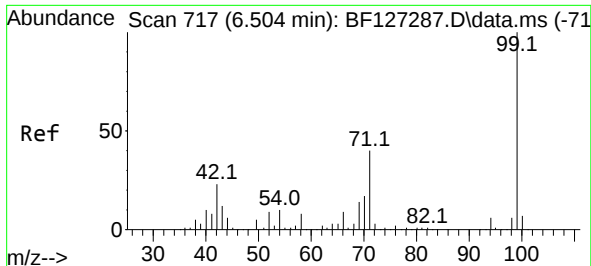
Tgt Ion:112 Resp: 596603
Ion Ratio Lower Upper
112 100
64 74.8 49.5 74.3#
63 39.5 23.9 35.9#



#6
Aniline
Concen: 22.769 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion: 93 Resp: 188790
Ion Ratio Lower Upper
93 100
66 51.0 32.2 48.4#
65 27.7 16.3 24.5#





#7

Phenol-d6

Concen: 110.005 ng

RT: 6.510 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

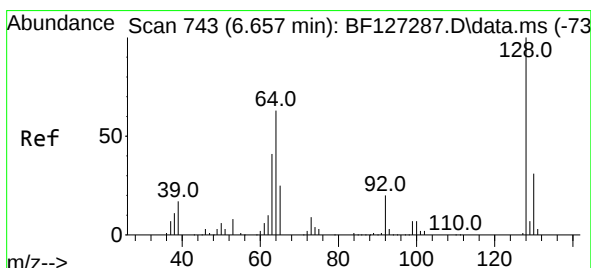
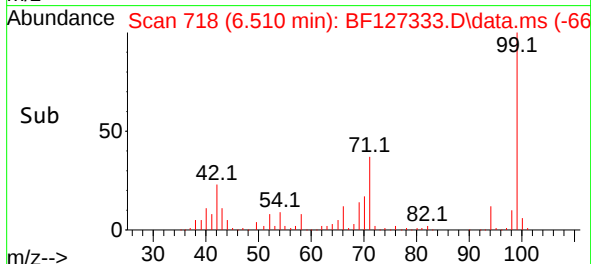
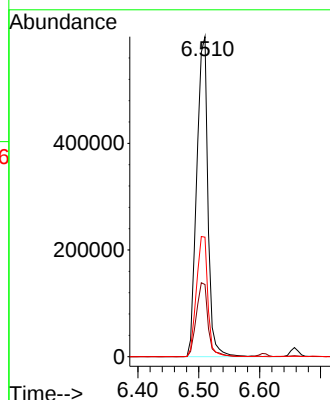
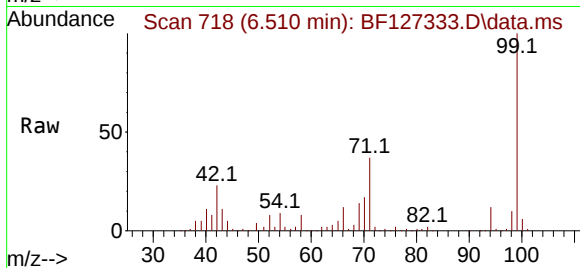
Tgt Ion: 99 Resp: 763212

Ion Ratio Lower Upper

99 100

42 22.6 14.2 21.4#

71 37.3 24.3 36.5#



#8

2-Chlorophenol

Concen: 48.546 ng

RT: 6.657 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

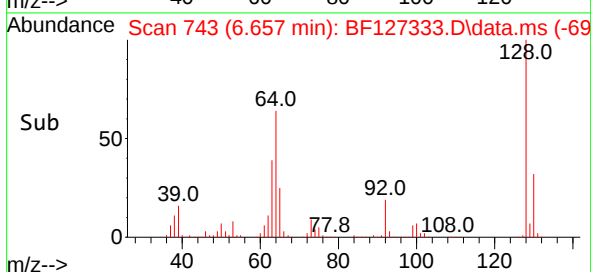
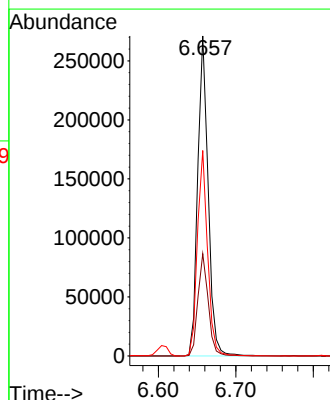
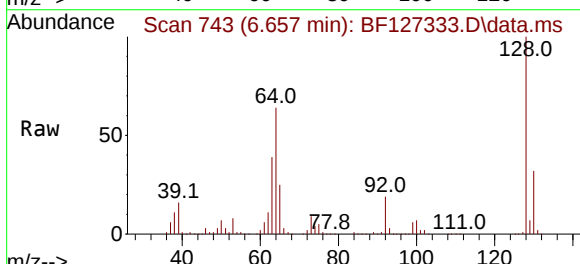
Tgt Ion:128 Resp: 253288

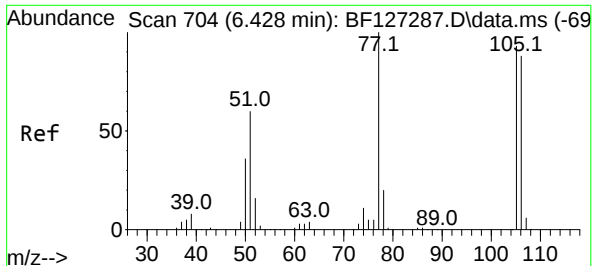
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

64 64.2 35.6 75.6





#9

Benzaldehyde

Concen: 34.337 ng

RT: 6.428 min Scan# 704

Delta R.T. -0.000 min

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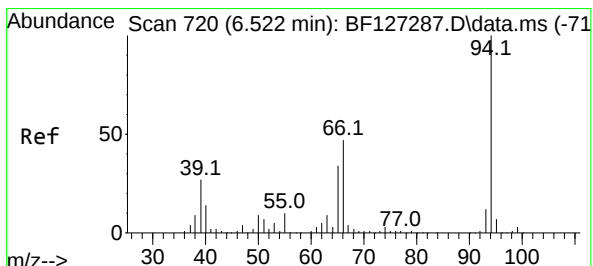
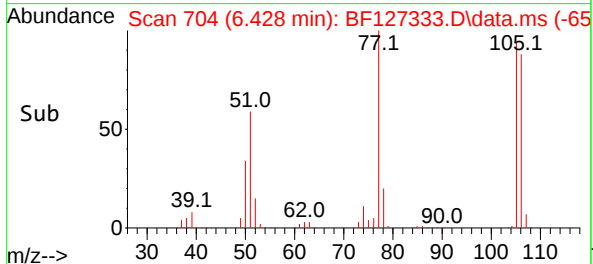
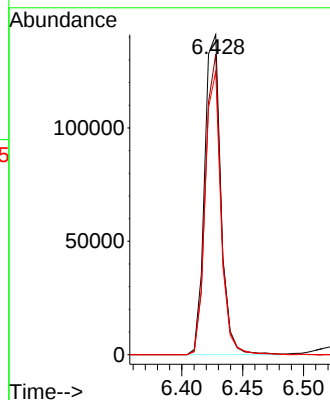
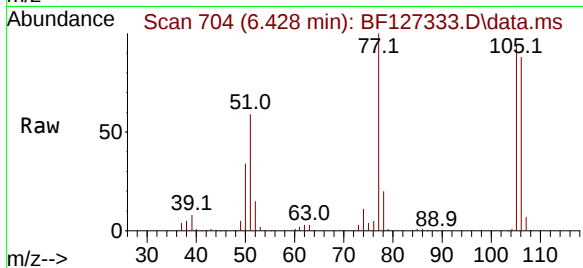
Tgt Ion: 77 Resp: 130866

Ion Ratio Lower Upper

77 100

105 93.8 74.9 114.9

106 88.5 72.4 112.4



#10

Phenol

Concen: 39.999 ng

RT: 6.522 min Scan# 720

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

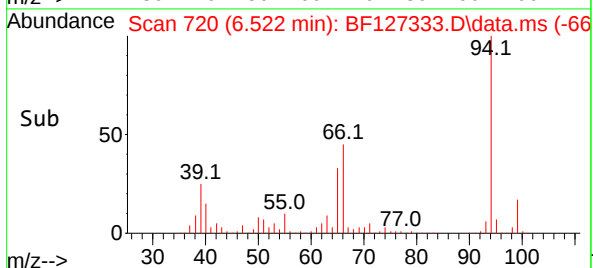
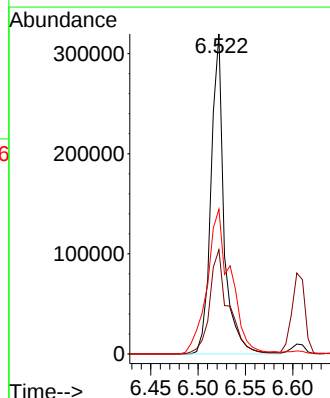
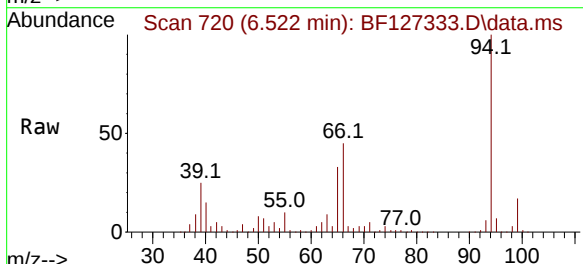
Tgt Ion: 94 Resp: 304848

Ion Ratio Lower Upper

94 100

65 32.6 7.2 47.2

66 45.3 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 50.327 ng

RT: 6.604 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF127333.D

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Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

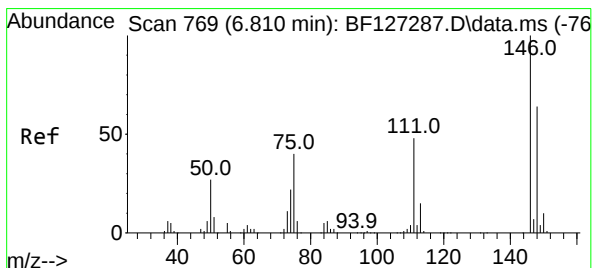
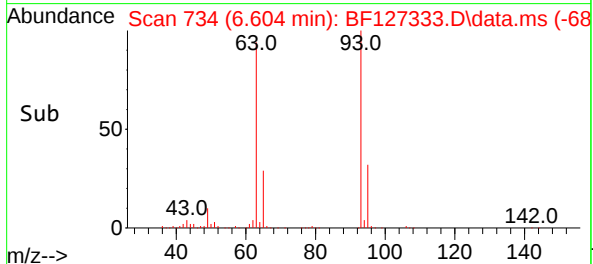
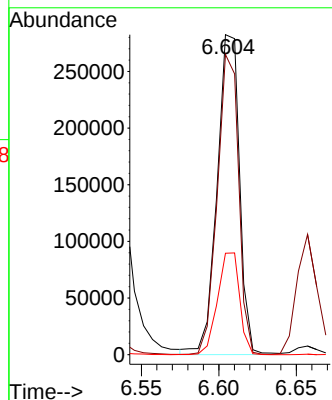
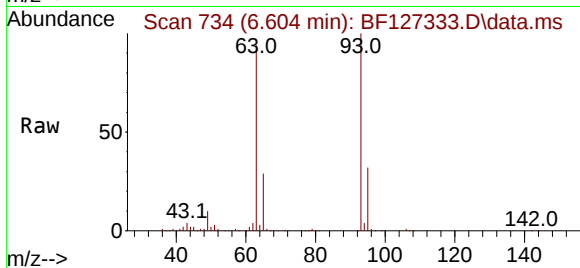
Tgt Ion: 93 Resp: 284842

Ion Ratio Lower Upper

93 100

63 93.8 60.5 100.5

95 31.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.301 ng

RT: 6.810 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

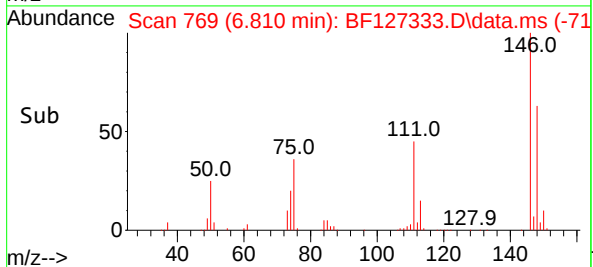
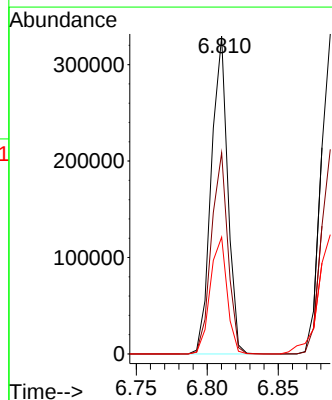
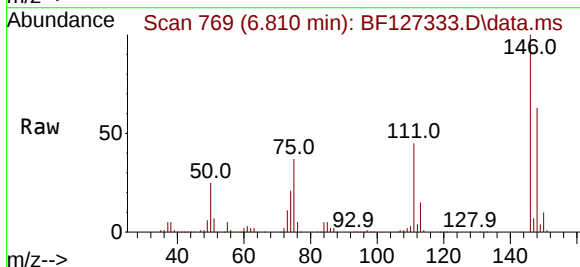
Tgt Ion: 146 Resp: 265314

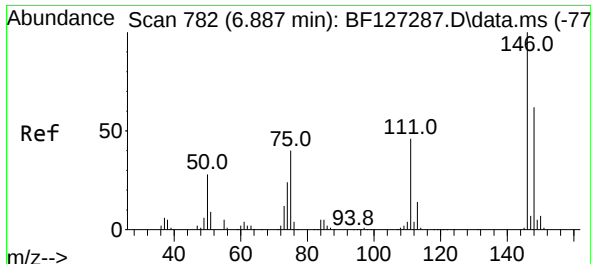
Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

75 36.8 28.4 42.6

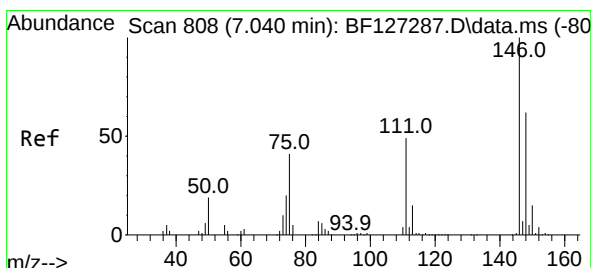
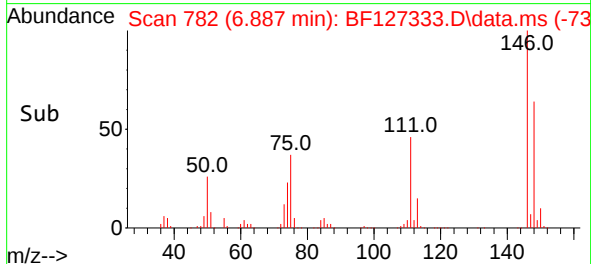
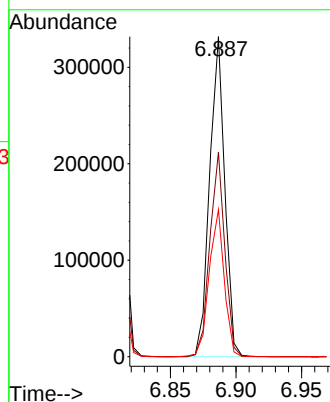
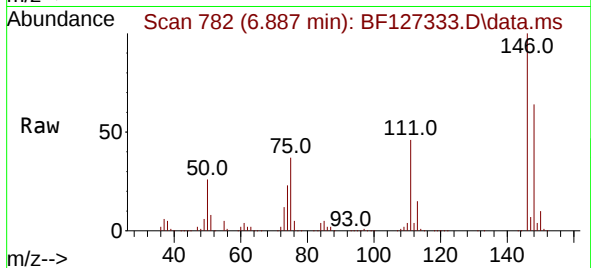




#13
1,4-Dichlorobenzene
Concen: 45.450 ng
RT: 6.887 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

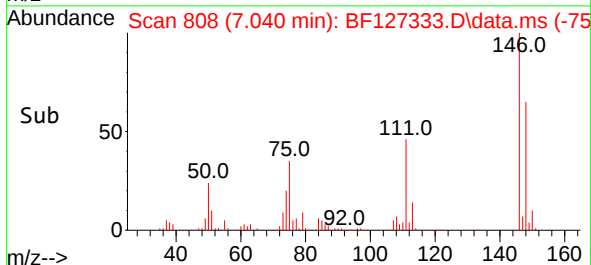
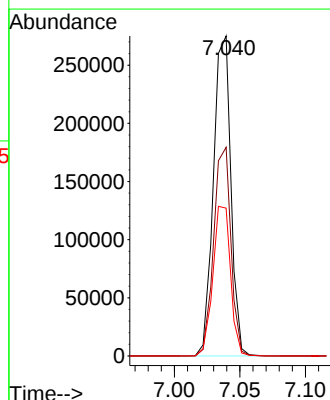
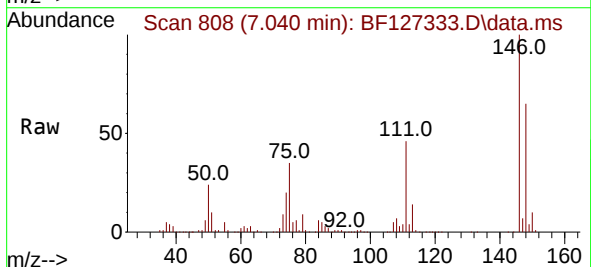
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:146 Resp: 267036
Ion Ratio Lower Upper
146 100
148 63.9 49.8 74.6
111 45.9 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 46.100 ng
RT: 7.040 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:146 Resp: 254923
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
111 46.2 40.2 60.2





#15

Benzyl Alcohol

Concen: 47.291 ng

RT: 7.016 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

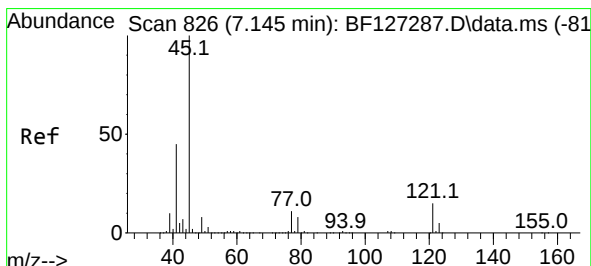
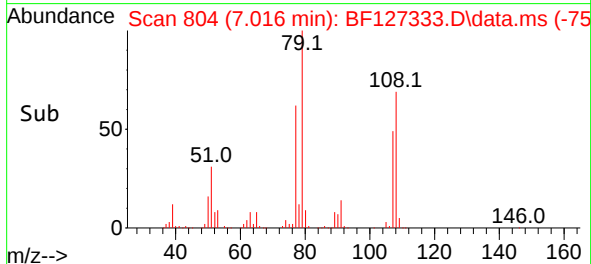
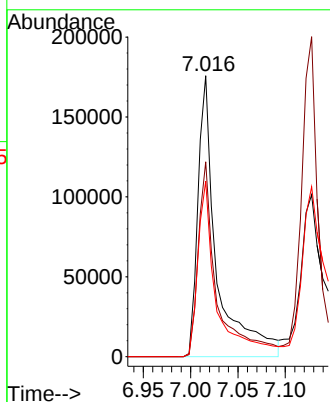
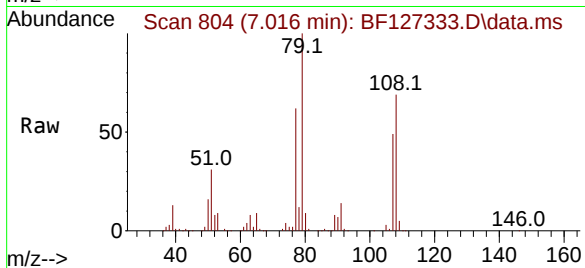
Tgt Ion: 79 Resp: 245924

Ion Ratio Lower Upper

79 100

108 69.4 63.2 94.8

77 62.5 49.4 74.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.593 ng

RT: 7.140 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

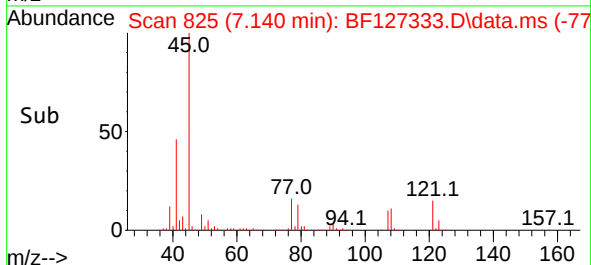
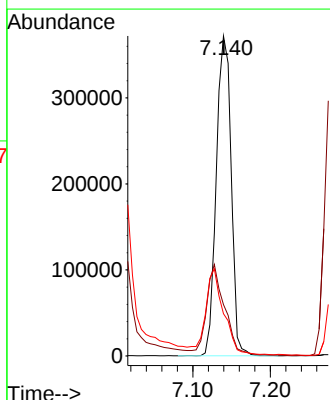
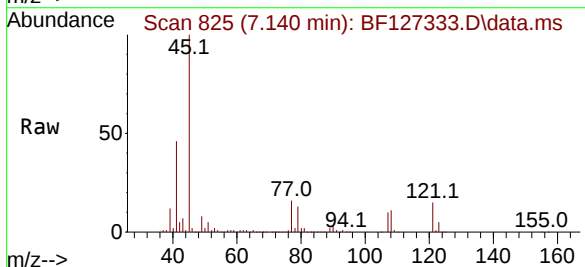
Tgt Ion: 45 Resp: 494881

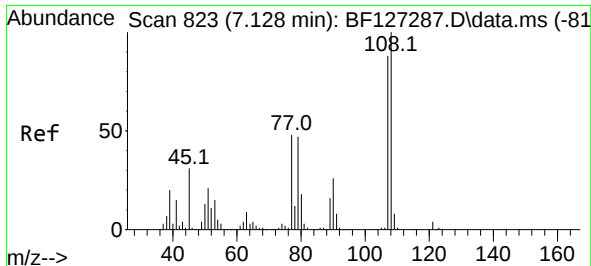
Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.4

79 13.2 0.0 29.8

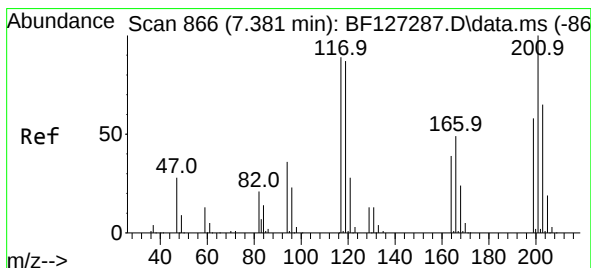
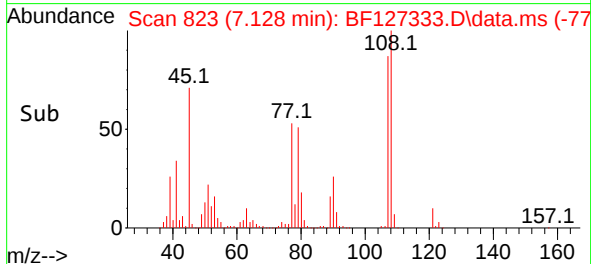
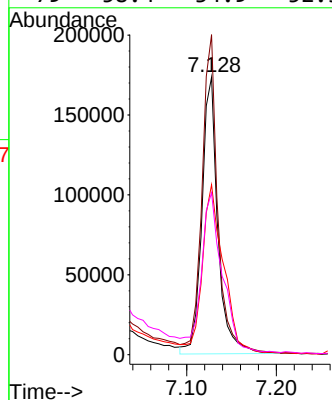
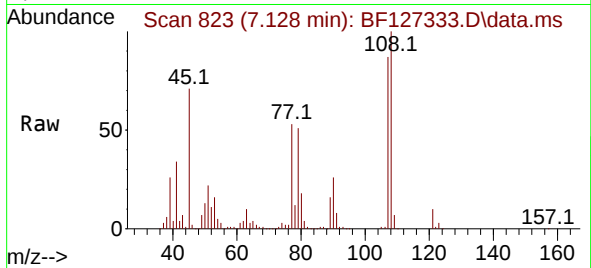




#17
2-Methylphenol
Concen: 48.286 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

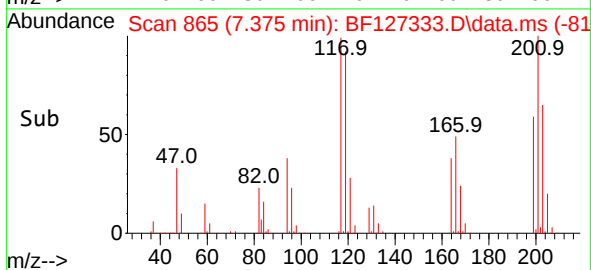
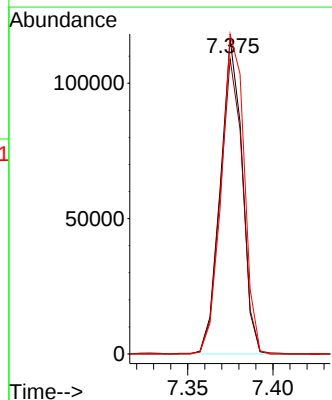
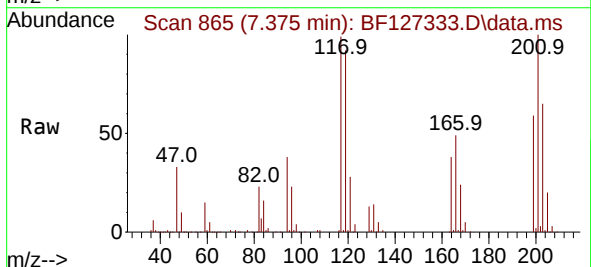
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

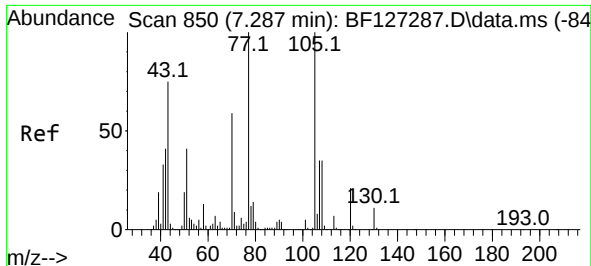
Tgt Ion:107 Resp: 214170
Ion Ratio Lower Upper
107 100
108 115.3 93.4 140.0
77 61.2 36.1 54.1#
79 58.4 34.9 52.3#



#18
Hexachloroethane
Concen: 45.914 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:117 Resp: 103626
Ion Ratio Lower Upper
117 100
119 93.6 75.4 113.0
201 101.5 56.8 85.2#



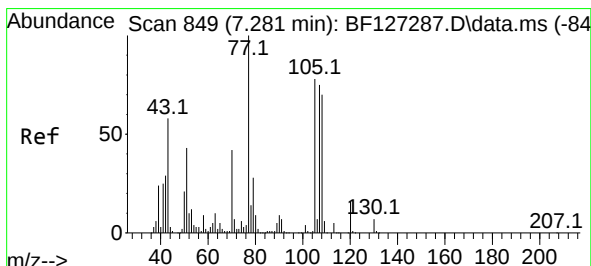
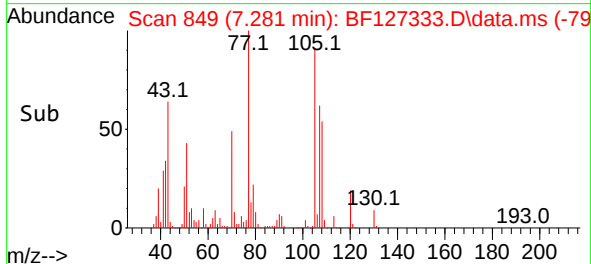
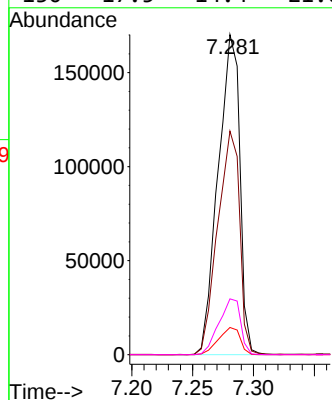
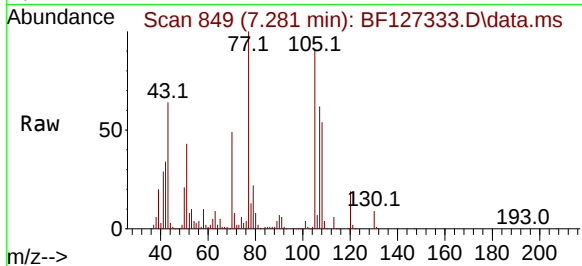


#19
n-Nitroso-di-n-propylamine
Concen: 48.755 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion: 70 Resp: 211088

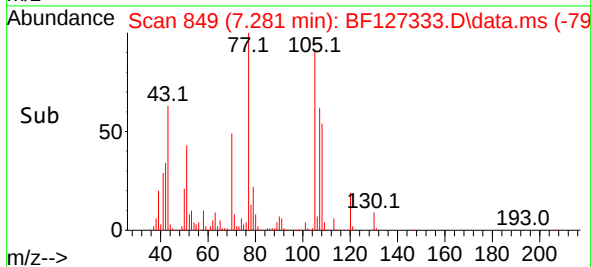
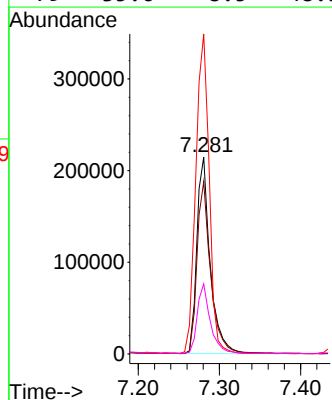
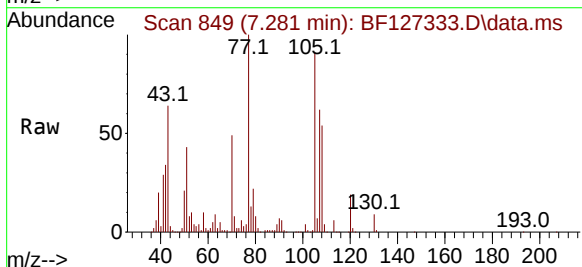
Ion	Ratio	Lower	Upper
70	100		
42	69.8	45.8	68.8#
101	8.5	6.9	10.3
130	17.5	14.4	21.6

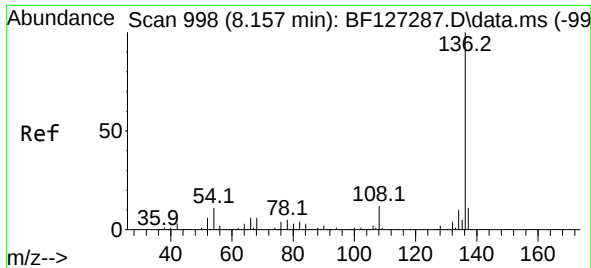


#20
3+4-Methylphenols
Concen: 43.027 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion: 107 Resp: 247504

Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.4	112.4
77	162.5	83.8	123.8#
79	35.6	8.5	48.5

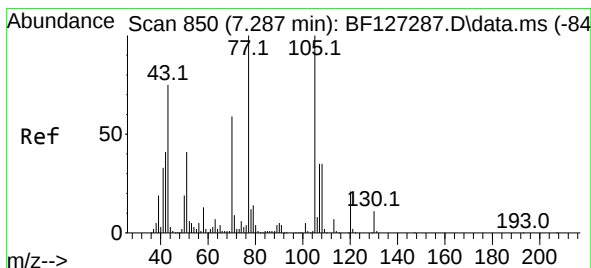
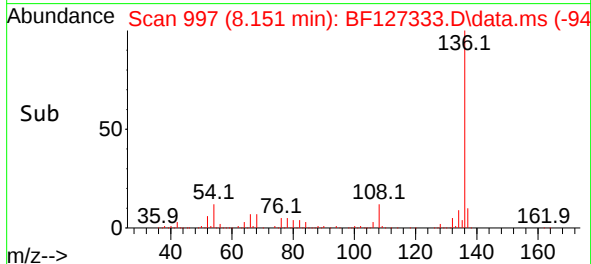
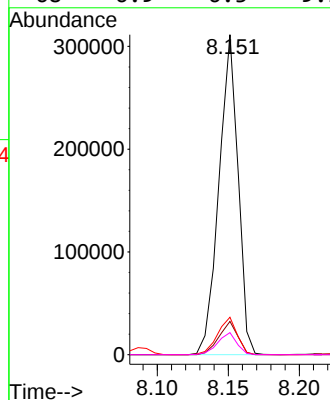
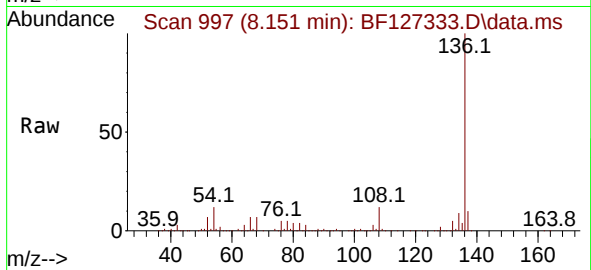




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

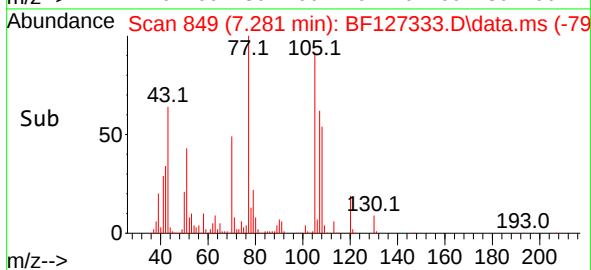
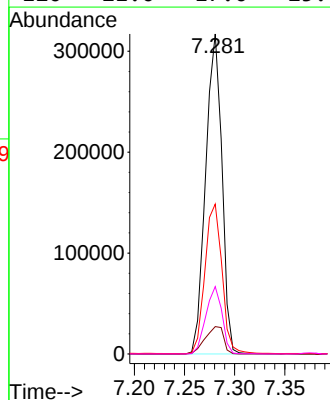
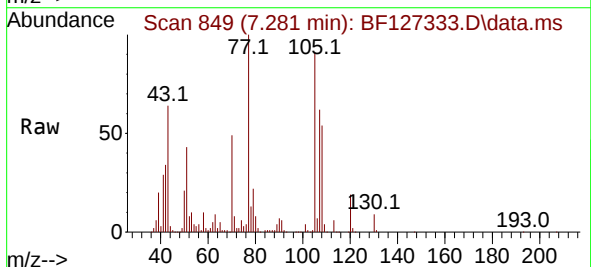
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:	136	Resp:	290319
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	11.7	7.8	11.6
68	6.9	6.3	9.5



#22
Acetophenone
Concen: 45.224 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:	105	Resp:	359477
Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.4	8.0
51	46.9	27.4	41.0
120	21.0	17.0	25.6

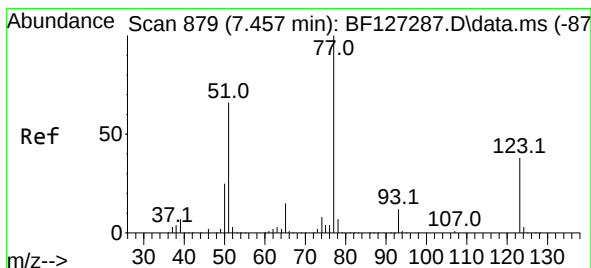
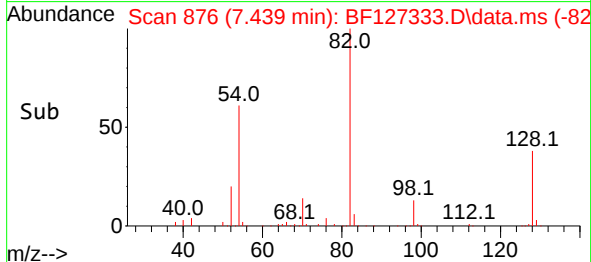
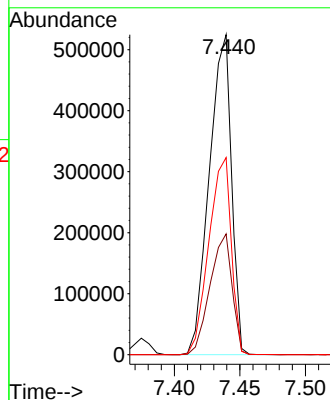
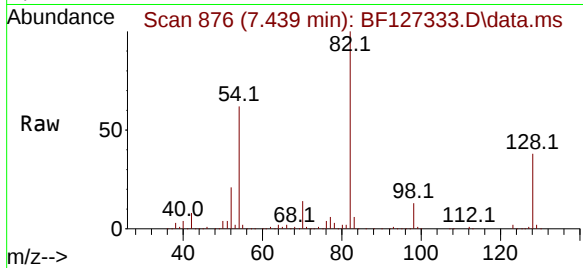




#23
Nitrobenzene-d5
Concen: 87.937 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

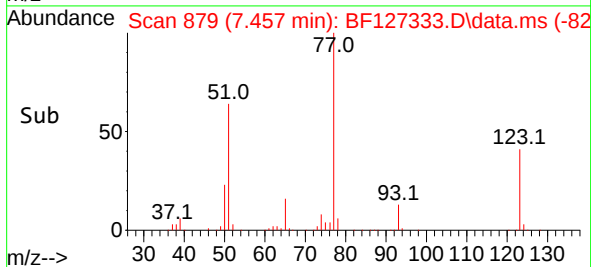
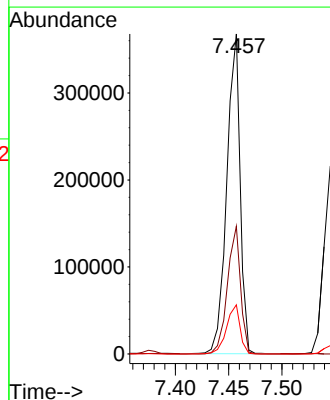
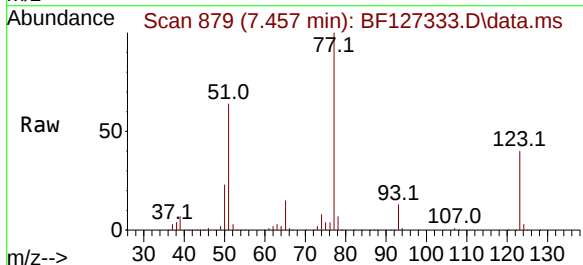
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion: 82 Resp: 618183
Ion Ratio Lower Upper
82 100
128 37.7 32.7 49.1
54 61.6 41.7 62.5



#24
Nitrobenzene
Concen: 48.123 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion: 77 Resp: 319967
Ion Ratio Lower Upper
77 100
123 39.9 34.6 52.0
65 15.3 10.6 15.8

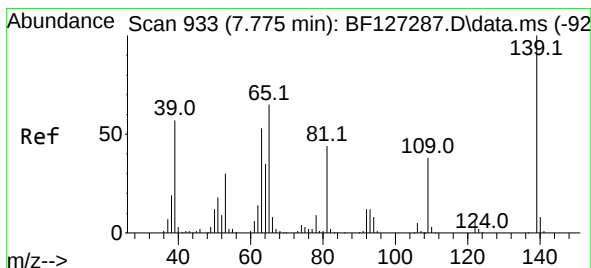
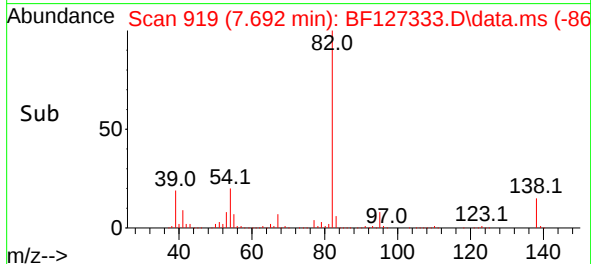
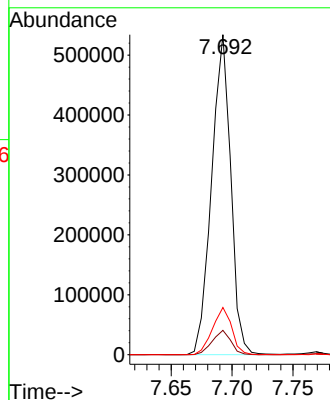
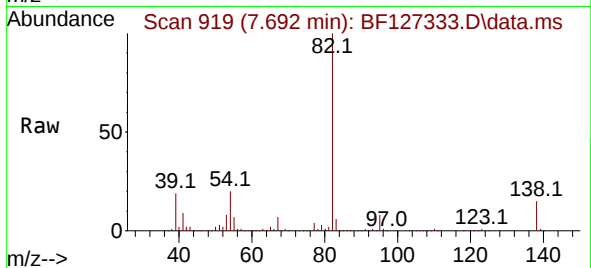




#25
Isophorone
Concen: 51.578 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

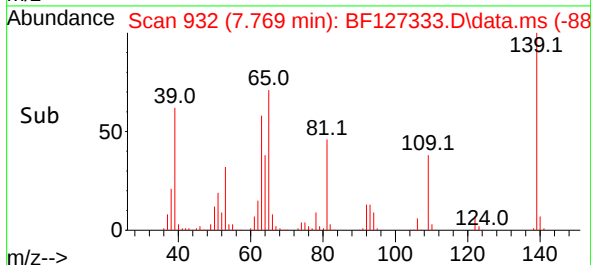
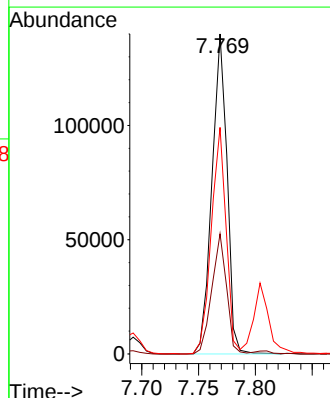
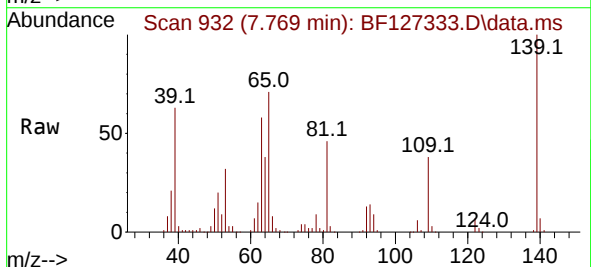
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

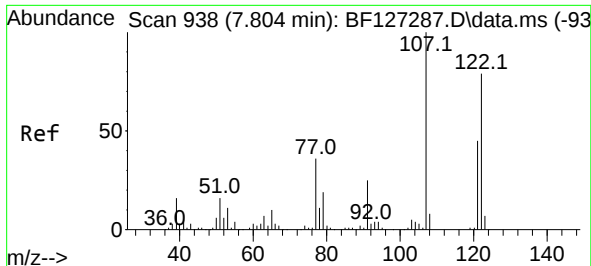
Tgt Ion: 82 Resp: 583026
Ion Ratio Lower Upper
82 100
95 7.6 5.0 7.4#
138 14.8 12.3 18.5



#26
2-Nitrophenol
Concen: 46.858 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:139 Resp: 129024
Ion Ratio Lower Upper
139 100
109 37.5 20.0 30.0#
65 70.8 40.8 61.2#



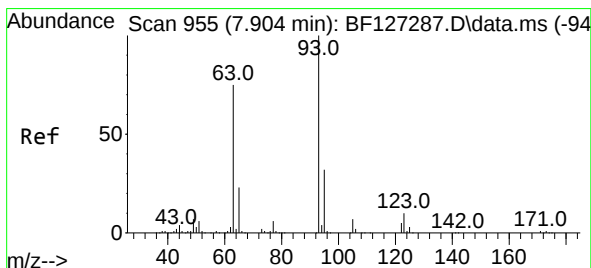
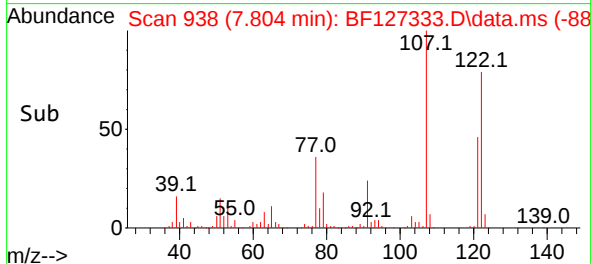
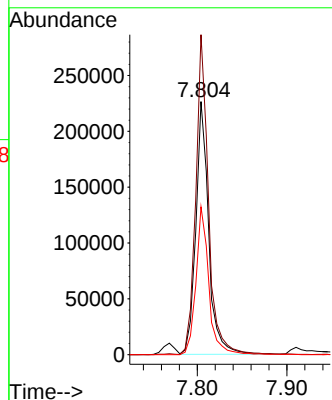
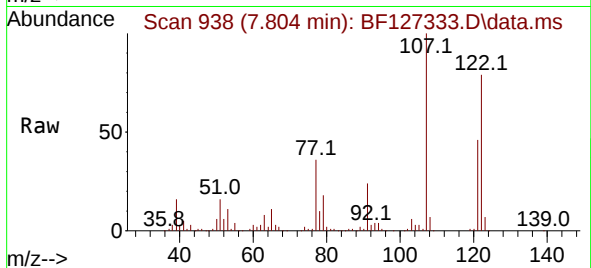


#27
2,4-Dimethylphenol
Concen: 54.356 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:122 Resp: 224680

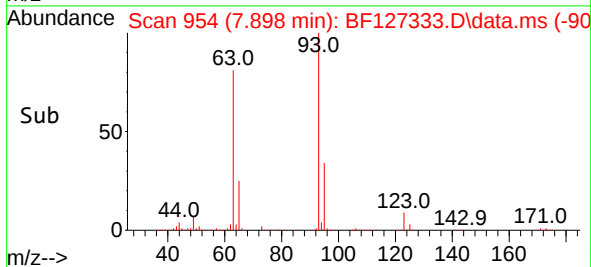
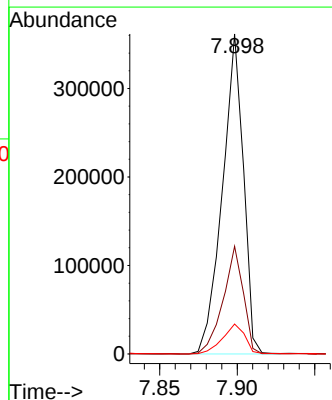
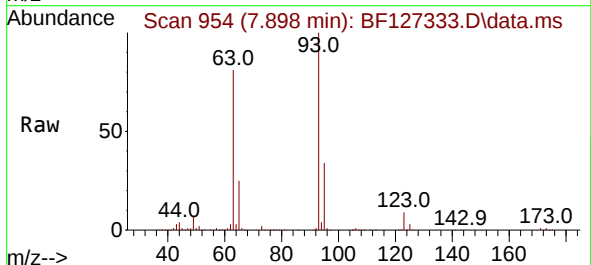
Ion	Ratio	Lower	Upper
122	100		
107	126.4	91.2	136.8
121	58.4	44.4	66.6

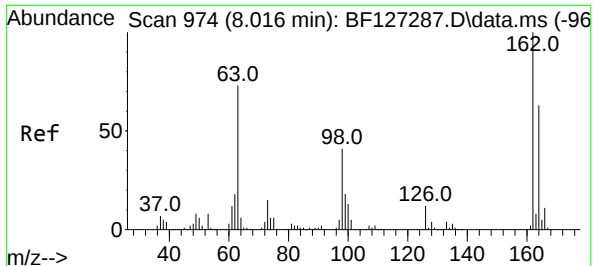


#28
bis(2-Chloroethoxy)methane
Concen: 47.500 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion: 93 Resp: 340209

Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.4	38.2
123	9.3	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 47.300 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

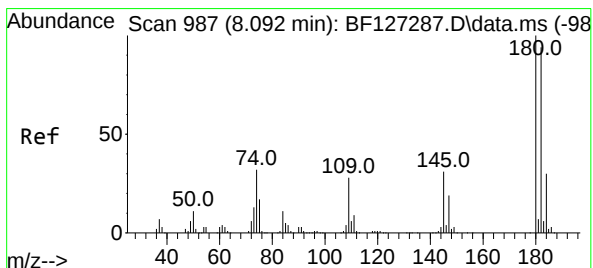
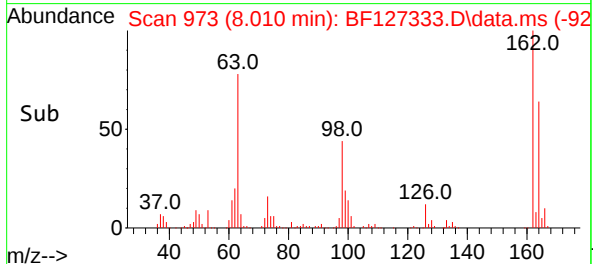
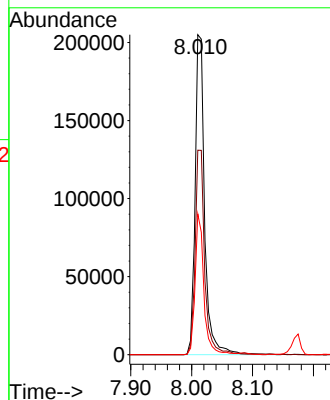
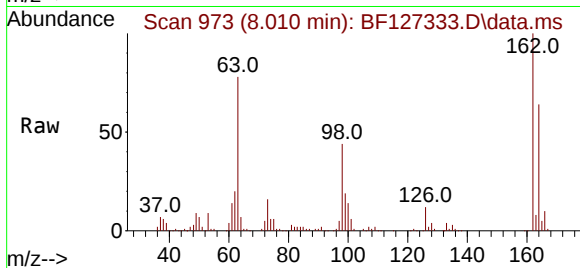
Tgt Ion:162 Resp: 223907

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 44.0 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 46.763 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

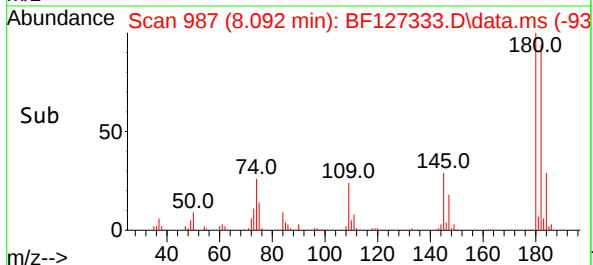
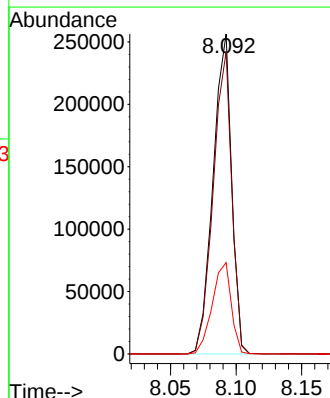
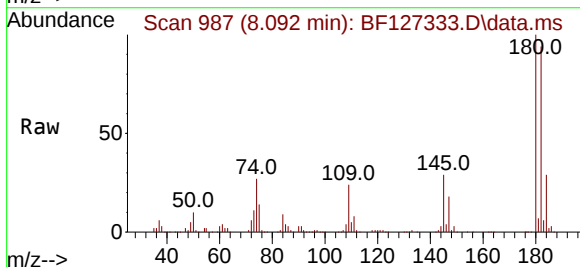
Tgt Ion:180 Resp: 252362

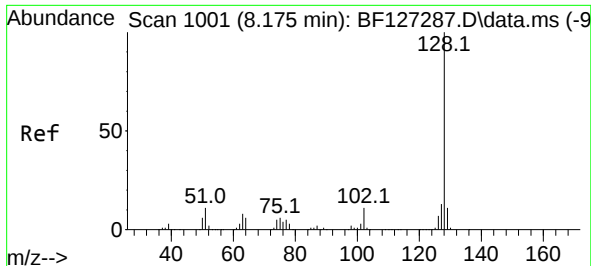
Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

145 28.5 26.2 39.2

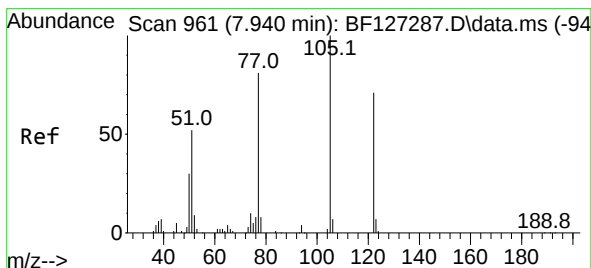
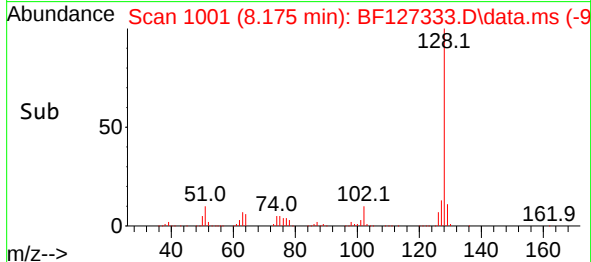
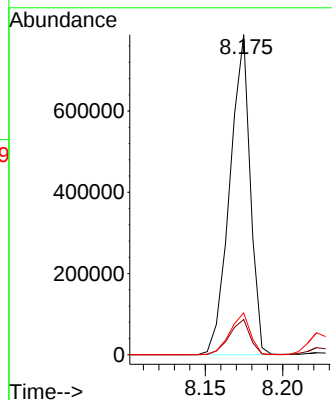
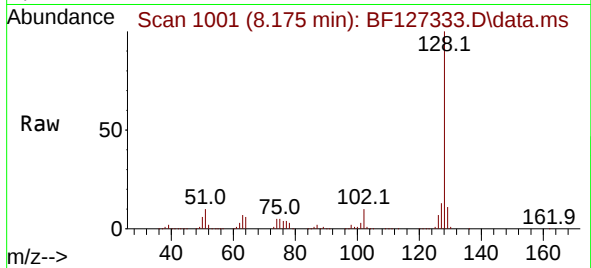




#31
Naphthalene
Concen: 46.568 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

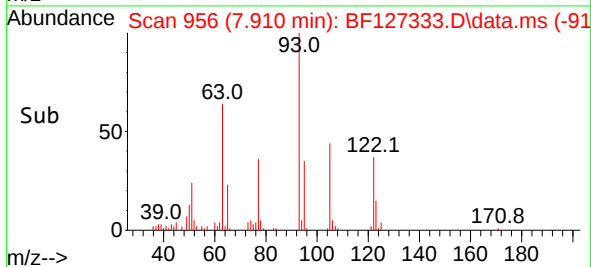
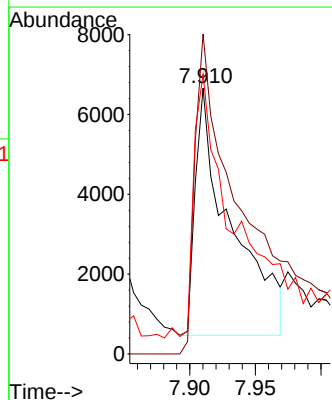
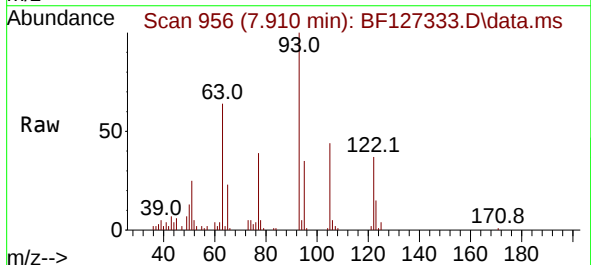
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

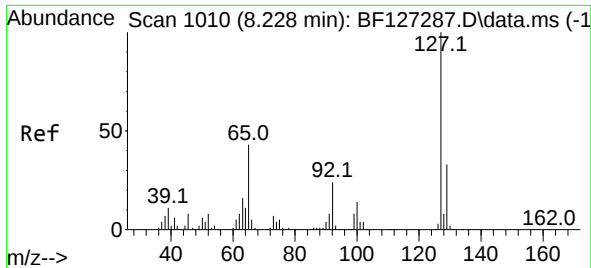
Tgt Ion:128 Resp: 721193
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 10.139 ng
RT: 7.910 min Scan# 956
Delta R.T. -0.030 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:122 Resp: 11717
Ion Ratio Lower Upper
122 100
105 120.4 101.0 141.0
77 105.3 74.5 114.5

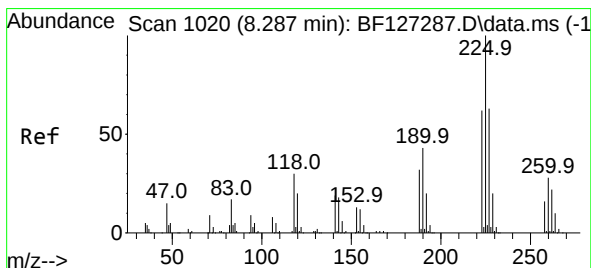
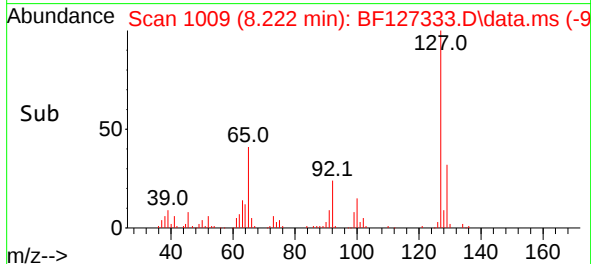
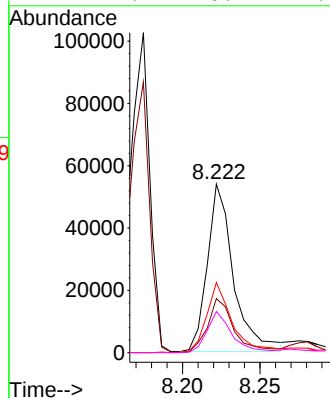
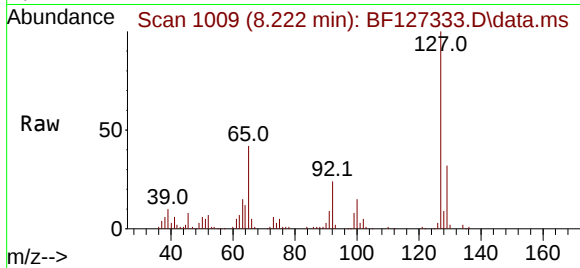




#33
4-Chloroaniline
Concen: 10.543 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

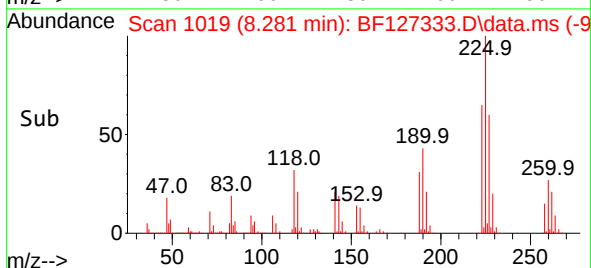
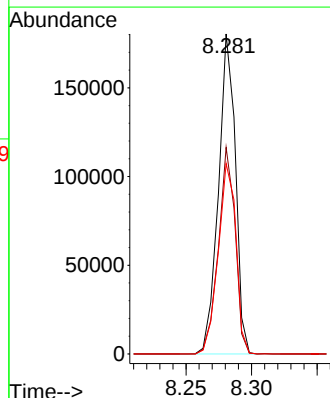
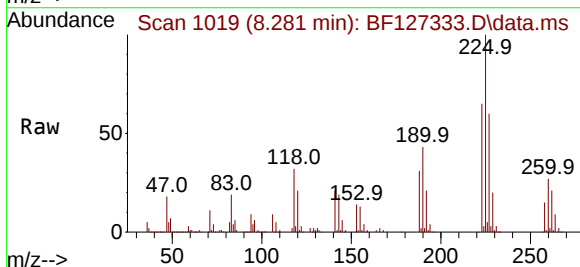
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

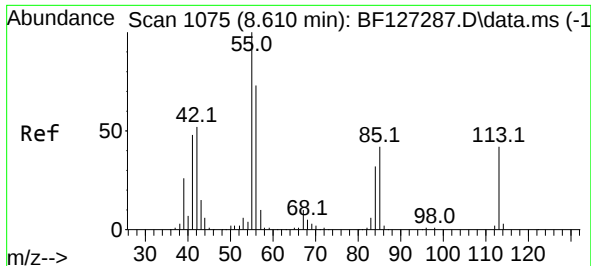
Tgt Ion:	127	Resp:	63286
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.5	39.7
65	41.5	26.6	39.8#
92	24.4	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 44.938 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:	225	Resp:	161720
Ion Ratio	Lower	Upper	
225	100		
223	64.6	48.6	73.0
227	59.5	51.4	77.0

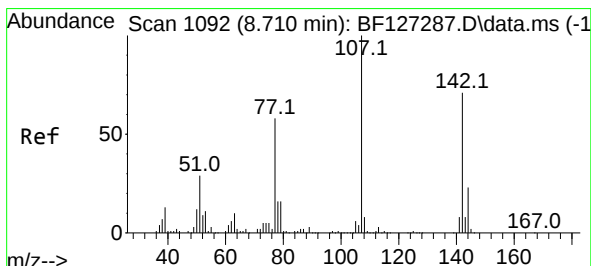
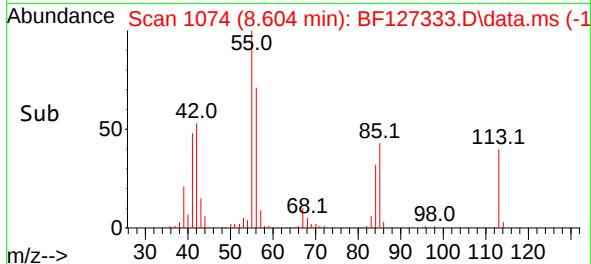
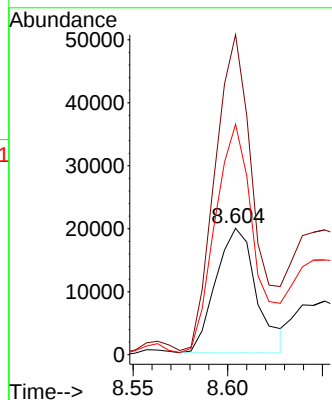
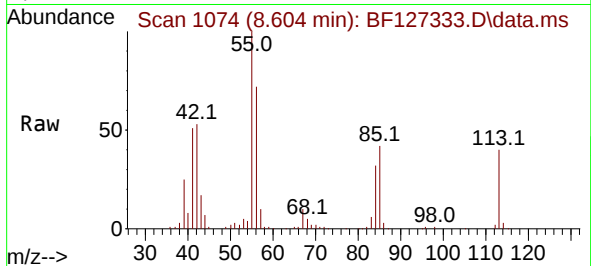




#35
 Caprolactam
 Concen: 20.883 ng
 RT: 8.604 min Scan# 1075
 Delta R.T. -0.006 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

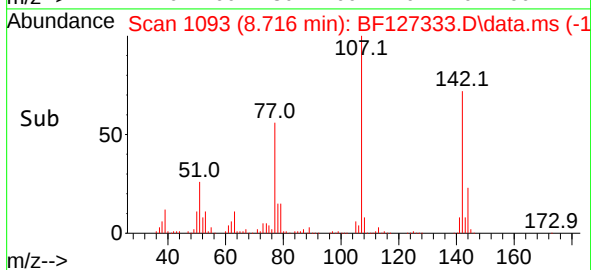
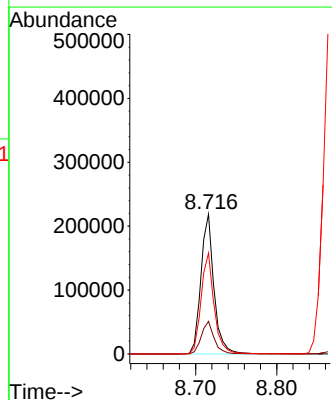
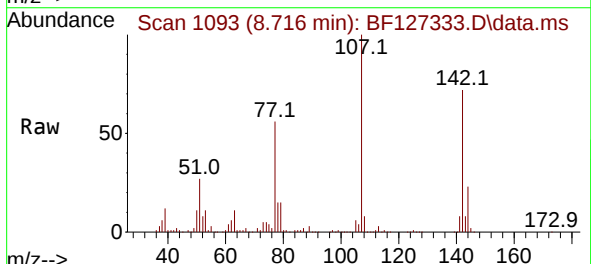
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

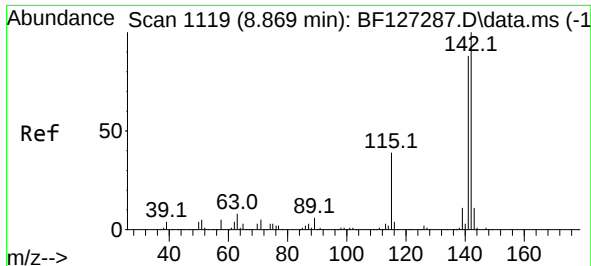
Tgt Ion:113 Resp: 29532
 Ion Ratio Lower Upper
 113 100
 55 253.0 183.9 223.9#
 56 182.1 129.9 169.9#



#36
 4-Chloro-3-methylphenol
 Concen: 47.740 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

Tgt Ion:107 Resp: 244933
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.5 27.7
 142 72.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 48.376 ng

RT: 8.863 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

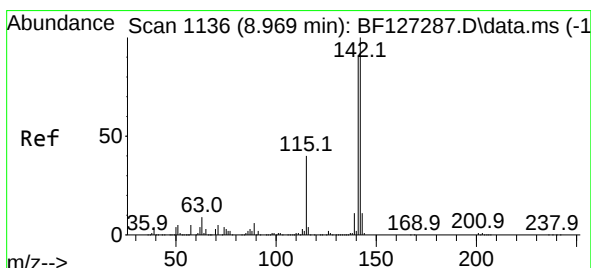
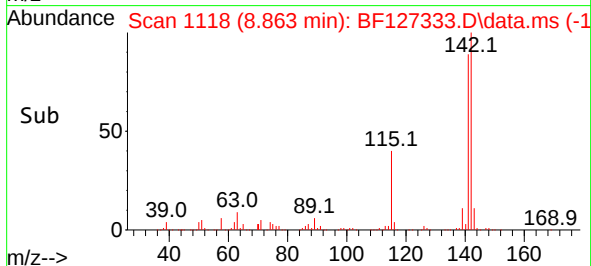
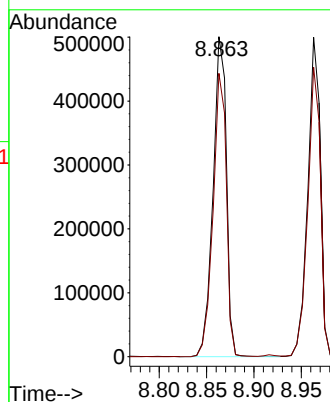
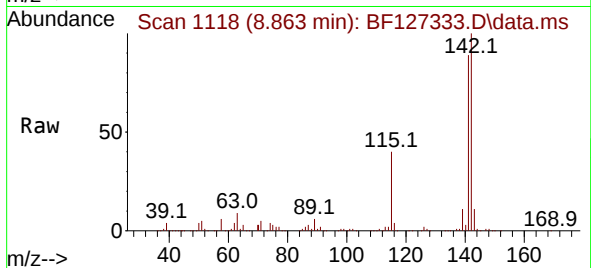
VNJ-232MSD

Tgt Ion:142 Resp: 489527

Ion Ratio Lower Upper

142 100

141 88.6 68.6 102.8



#38

1-Methylnaphthalene

Concen: 47.684 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127333.D

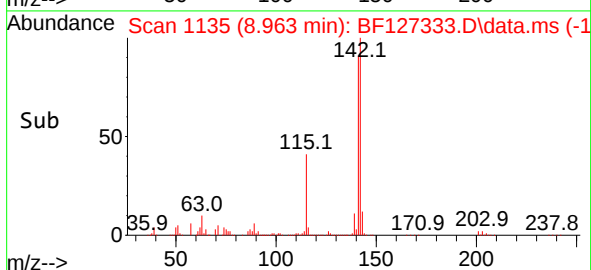
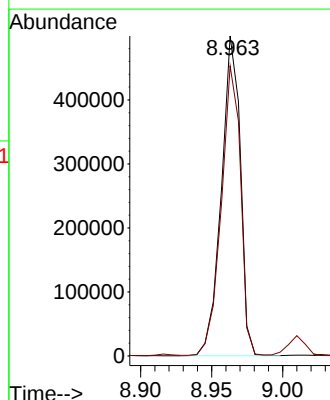
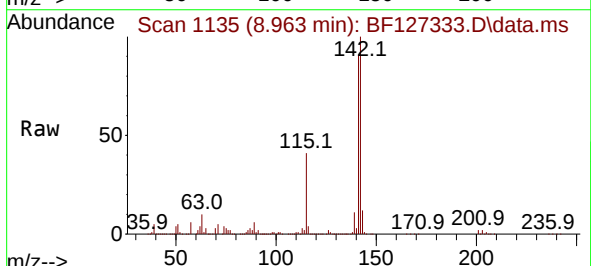
Acq: 15 Mar 2022 19:42

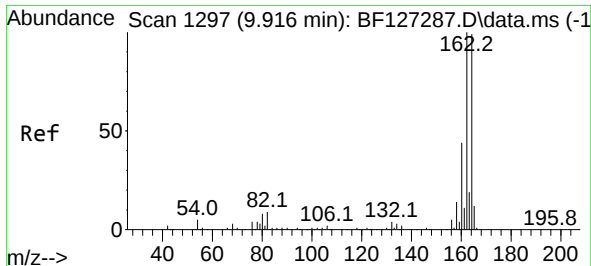
Tgt Ion:142 Resp: 463887

Ion Ratio Lower Upper

142 100

141 90.6 72.1 108.1

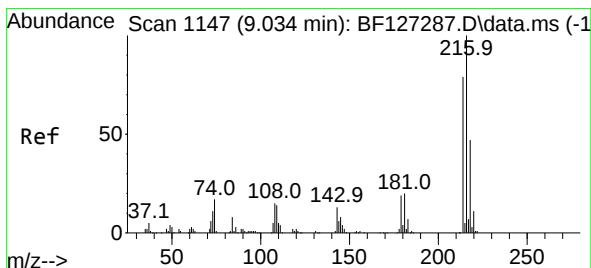
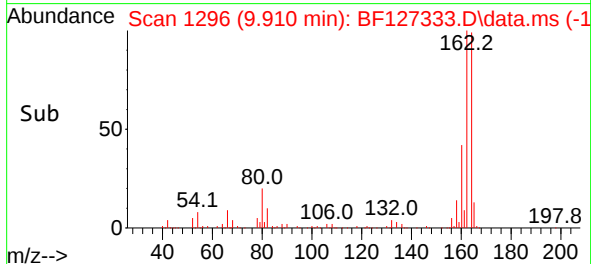
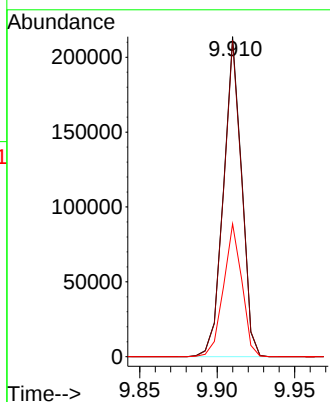
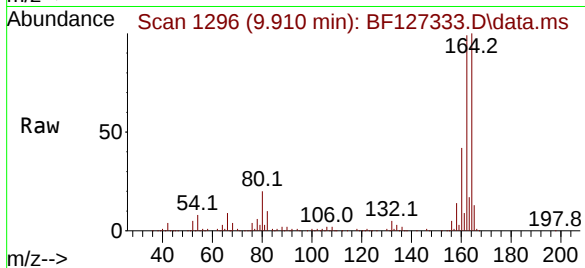




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

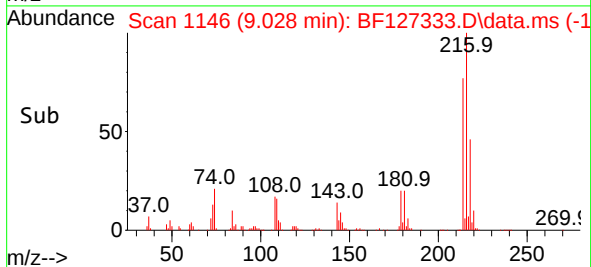
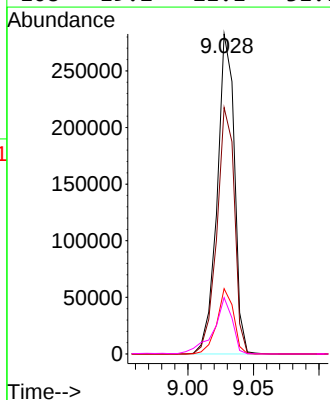
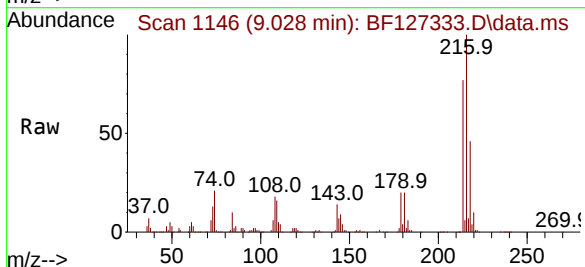
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

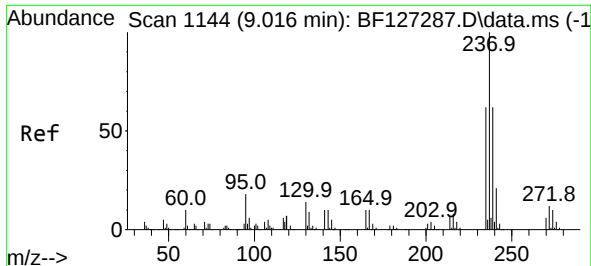
Tgt Ion:164 Resp: 173465
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 41.5 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.972 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:216 Resp: 257939
Ion Ratio Lower Upper
216 100
214 78.2 64.6 96.8
179 19.7 19.5 29.3
108 19.2 21.1 31.7#

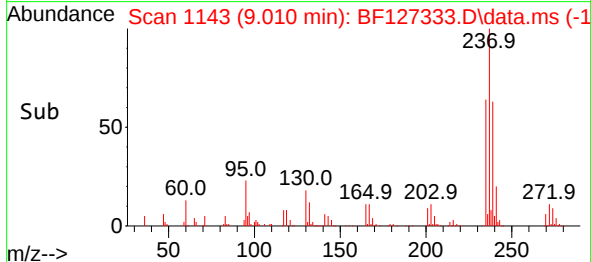
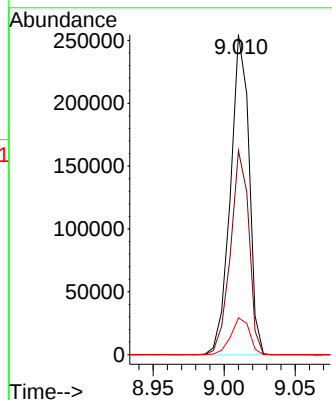
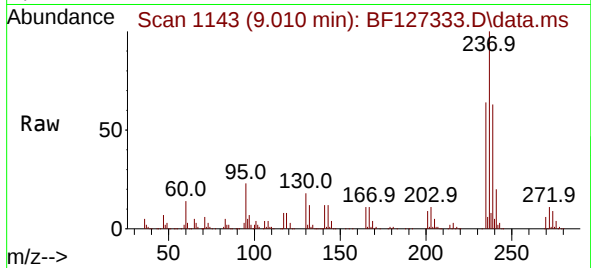




#41
Hexachlorocyclopentadiene
Concen: 99.423 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

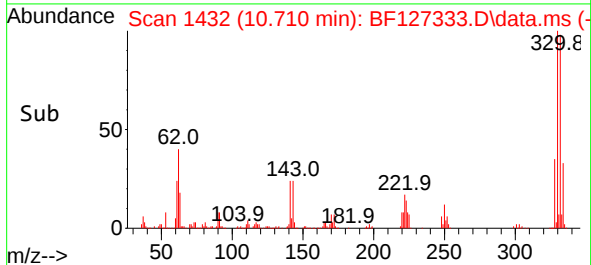
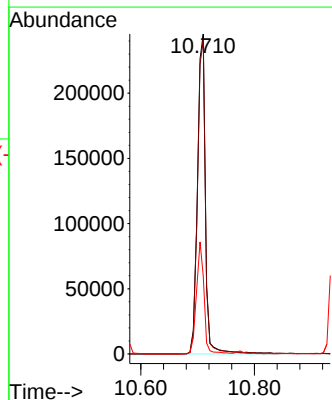
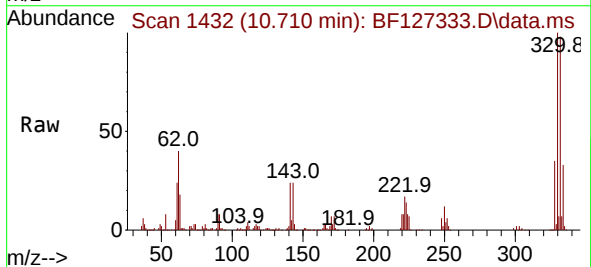
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

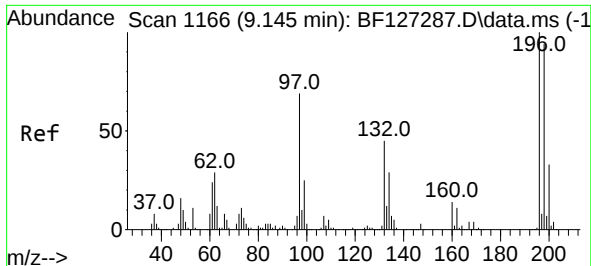
Tgt Ion:237 Resp: 231388
Ion Ratio Lower Upper
237 100
235 63.7 38.9 78.9
272 11.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 129.301 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:330 Resp: 241448
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 33.0 30.1 45.1

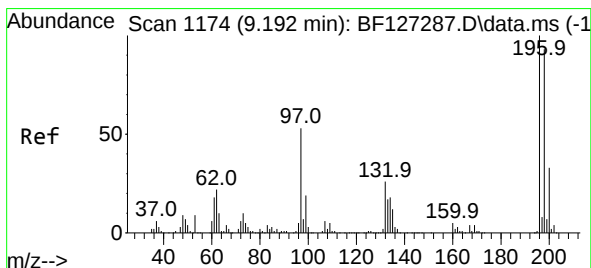
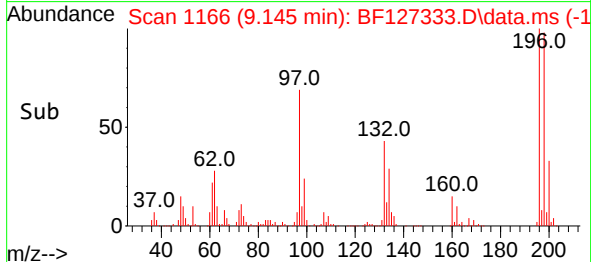
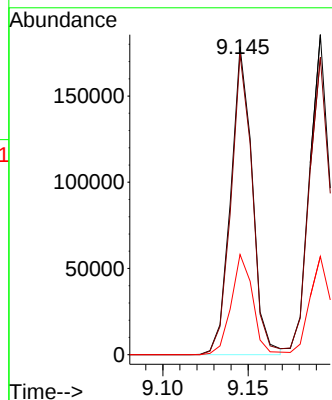
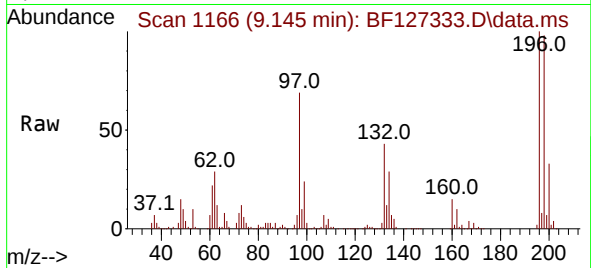




#43
2,4,6-Trichlorophenol
Concen: 45.369 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

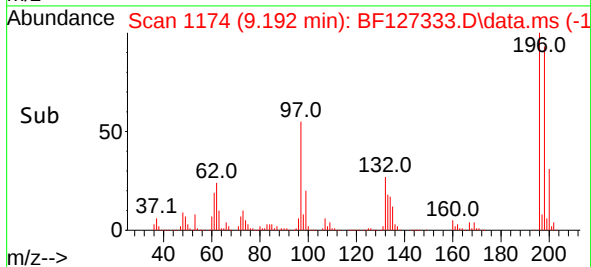
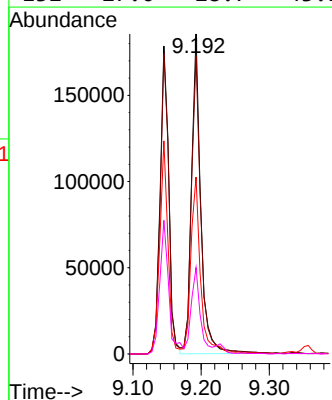
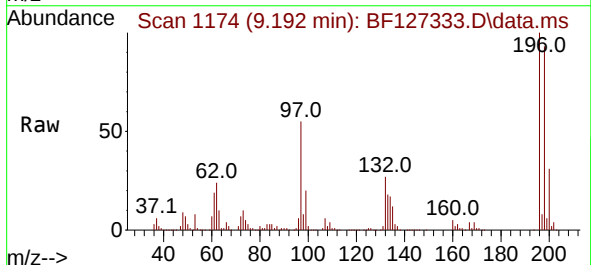
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

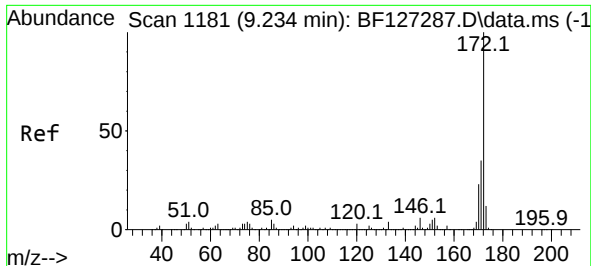
Tgt Ion:196 Resp: 157242
Ion Ratio Lower Upper
196 100
198 97.6 78.5 117.7
200 32.5 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 47.641 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:196 Resp: 175241
Ion Ratio Lower Upper
196 100
198 92.9 82.0 123.0
97 55.3 53.5 80.3
132 27.0 28.7 43.1#

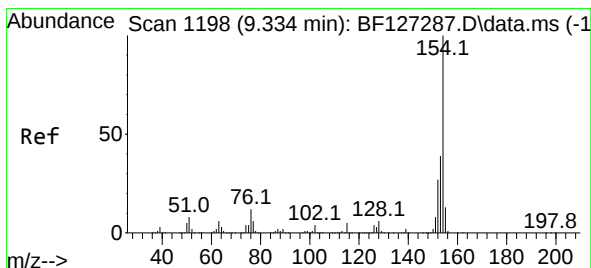
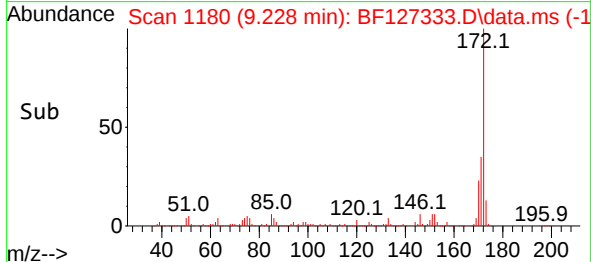
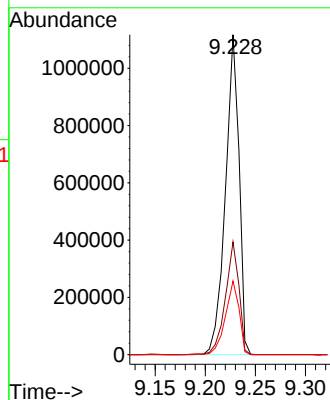
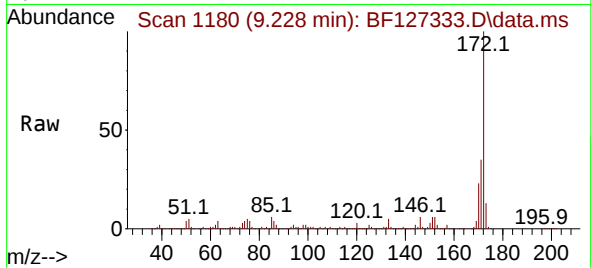




#45
2-Fluorobiphenyl
Concen: 85.647 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

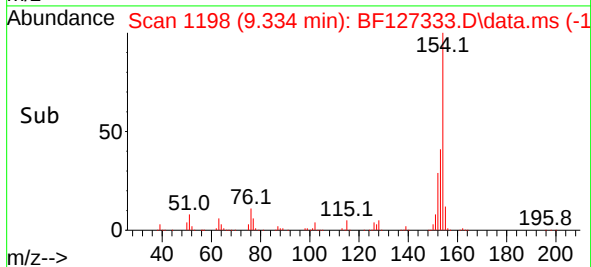
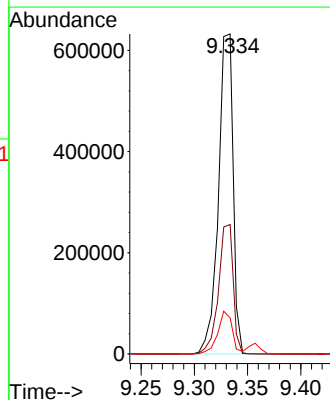
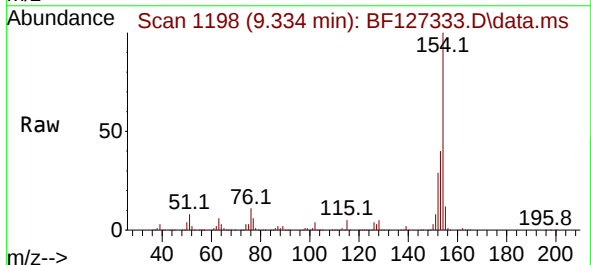
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BNA_F
ClientSampleId :
VNJ-232MSD

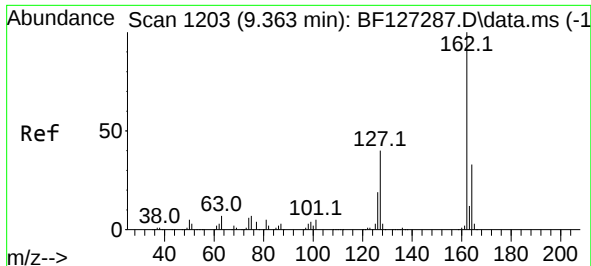
Tgt Ion:172 Resp: 1050844
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 46.211 ng
RT: 9.334 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:154 Resp: 605001
Ion Ratio Lower Upper
154 100
153 40.4 19.0 59.0
76 11.3 0.0 34.5





#47

2-Chloronaphthalene

Concen: 46.308 ng

RT: 9.357 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

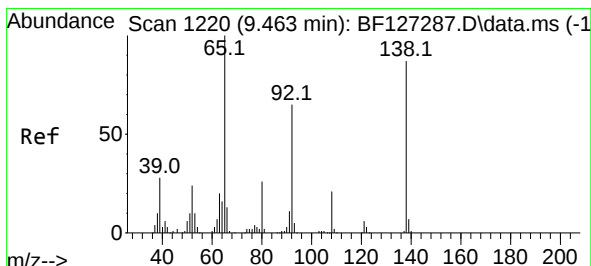
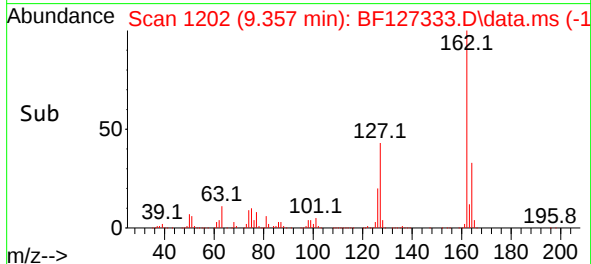
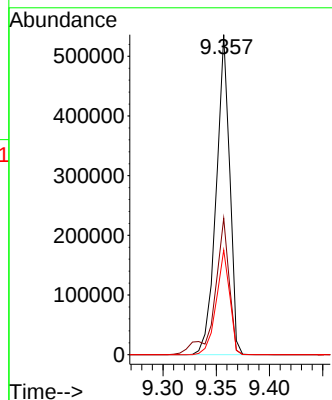
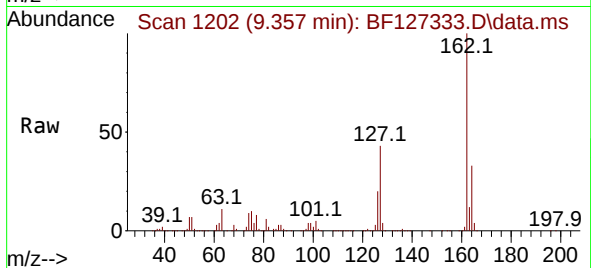
Tgt Ion:162 Resp: 471938

Ion Ratio Lower Upper

162 100

127 42.7 33.5 50.3

164 32.7 26.2 39.4



#48

2-Nitroaniline

Concen: 47.194 ng

RT: 9.457 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

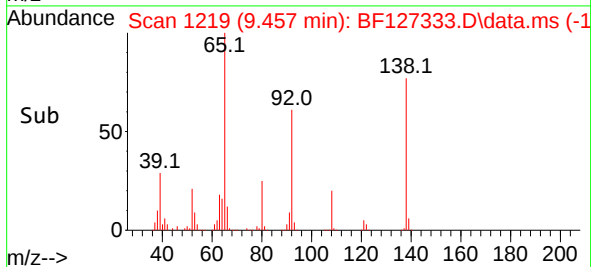
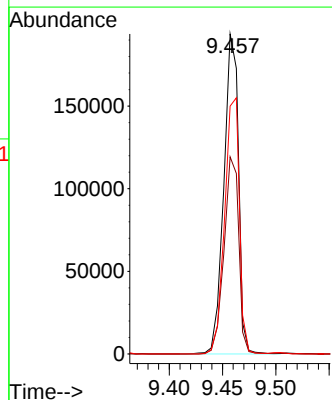
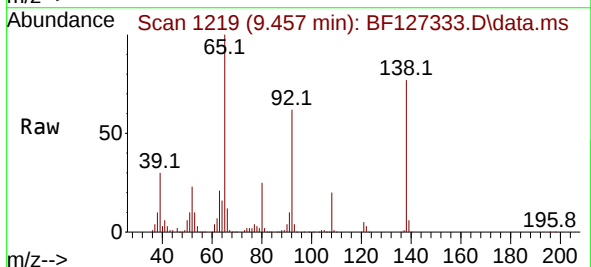
Tgt Ion: 65 Resp: 185055

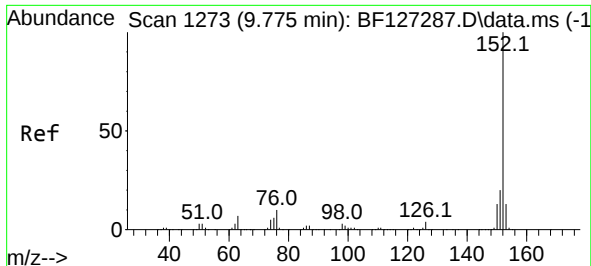
Ion Ratio Lower Upper

65 100

92 61.6 54.4 81.6

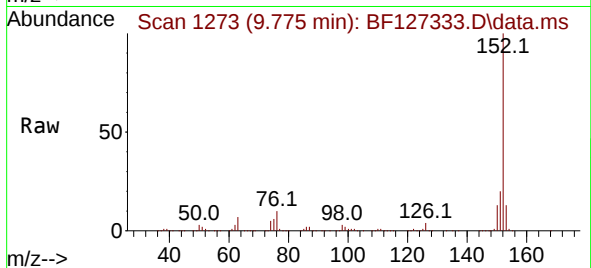
138 77.4 72.5 108.7



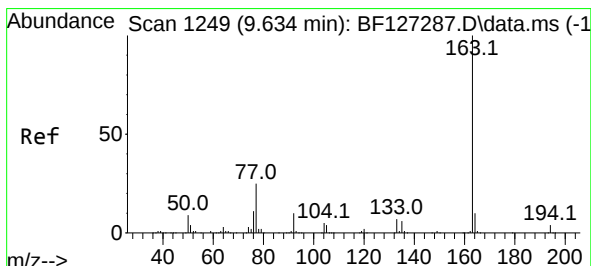
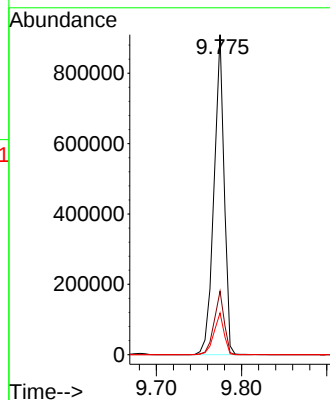
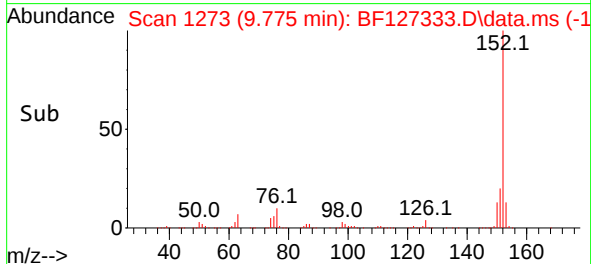


#49
Acenaphthylene
Concen: 48.464 ng
RT: 9.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

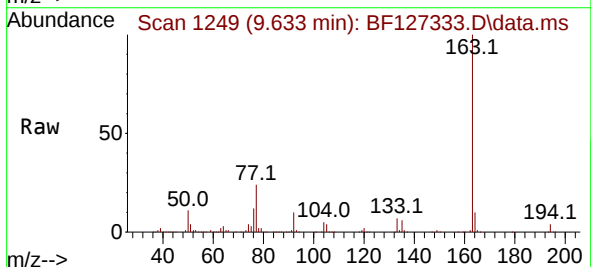
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



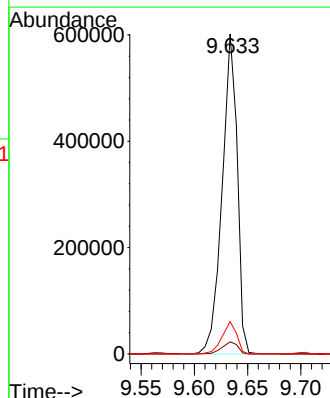
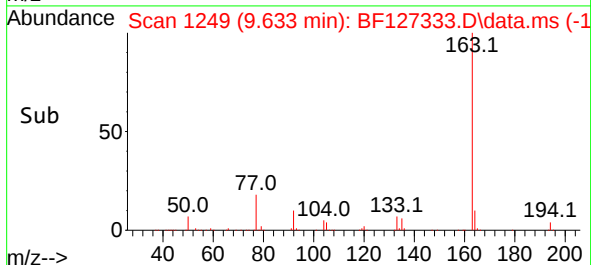
Tgt Ion:152 Resp: 755843
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 11.4 17.0

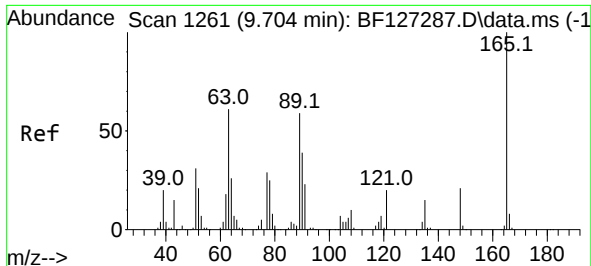


#50
Dimethylphthalate
Concen: 47.537 ng
RT: 9.633 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42



Tgt Ion:163 Resp: 590888
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 10.1 7.8 11.8

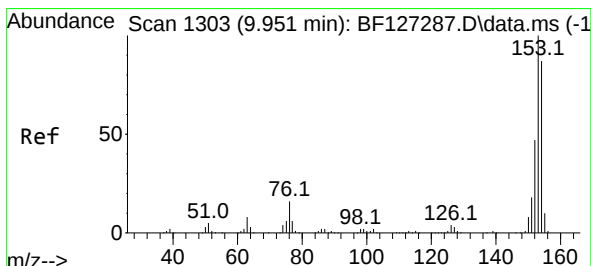
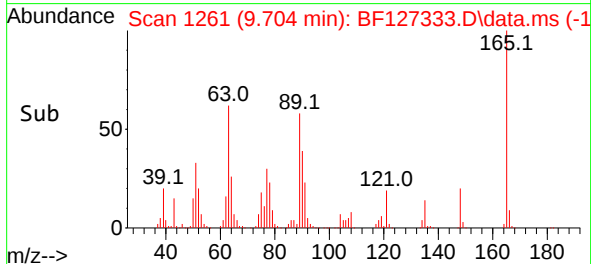
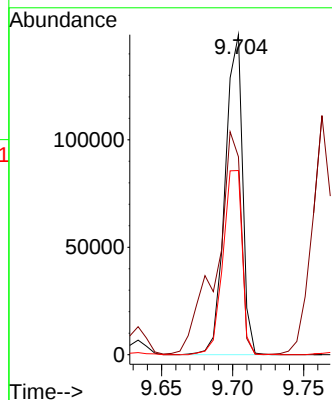
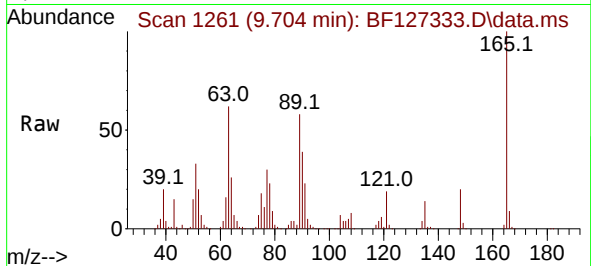




#51
2,6-Dinitrotoluene
Concen: 50.436 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

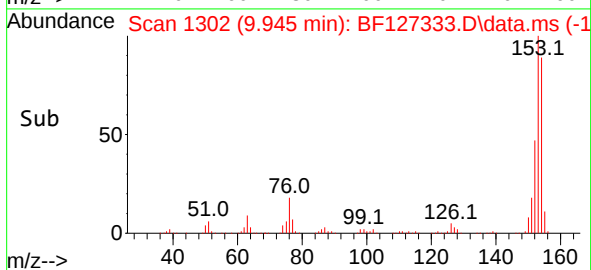
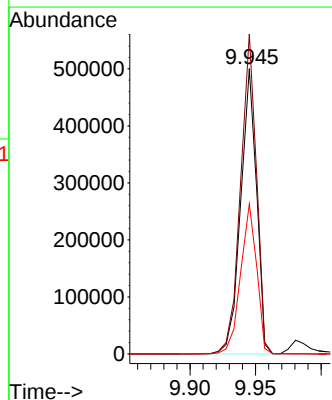
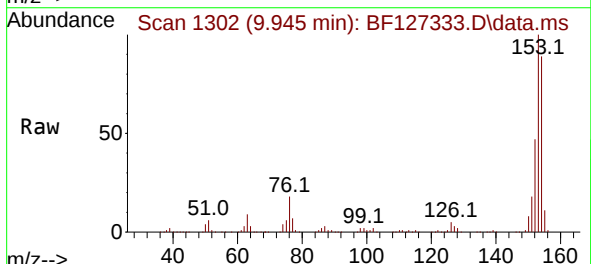
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

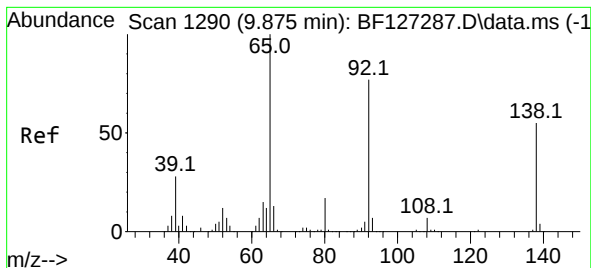
Tgt Ion:165 Resp: 126813
Ion Ratio Lower Upper
165 100
63 61.8 48.4 72.6
89 57.6 50.5 75.7



#52
Acenaphthene
Concen: 45.434 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:154 Resp: 422382
Ion Ratio Lower Upper
154 100
153 112.2 87.8 131.6
152 52.6 39.4 59.2





#53

3-Nitroaniline

Concen: 22.121 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

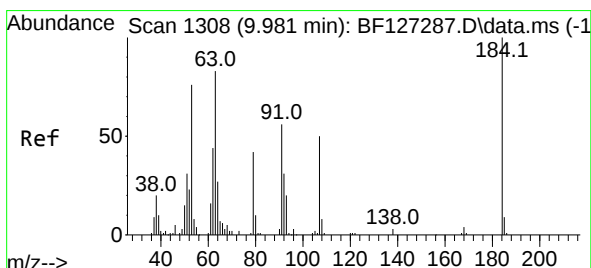
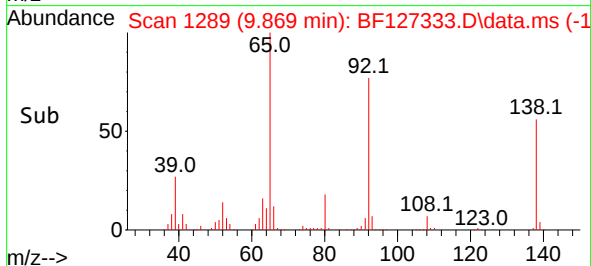
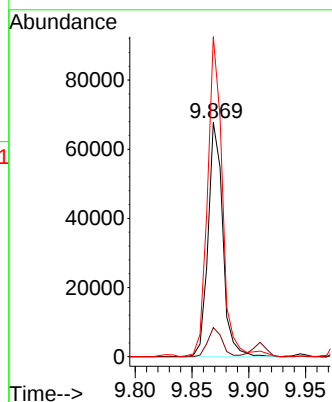
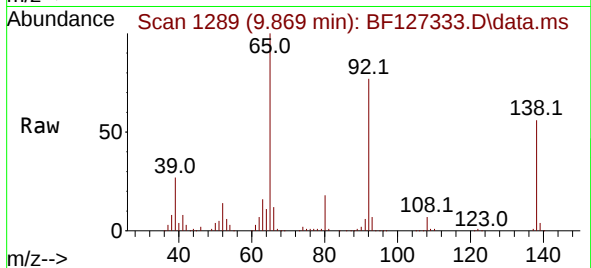
Tgt Ion:138 Resp: 60612

Ion Ratio Lower Upper

138 100

108 12.5 8.6 13.0

92 136.6 105.0 157.6



#54

2,4-Dinitrophenol

Concen: 30.537 ng

RT: 9.981 min Scan# 1308

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

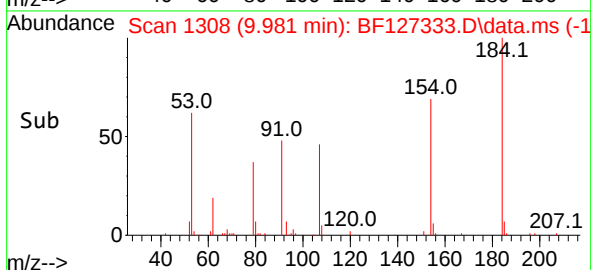
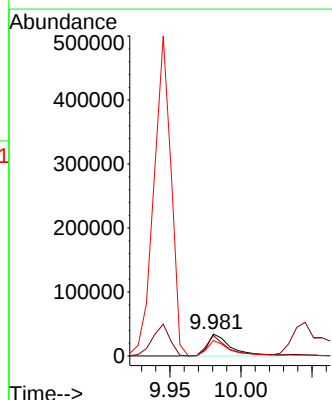
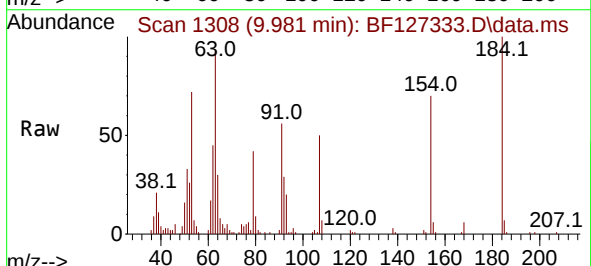
Tgt Ion:184 Resp: 38852

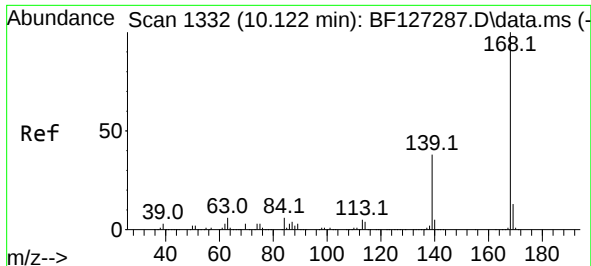
Ion Ratio Lower Upper

184 100

63 93.0 70.4 105.6

154 70.2 49.7 74.5

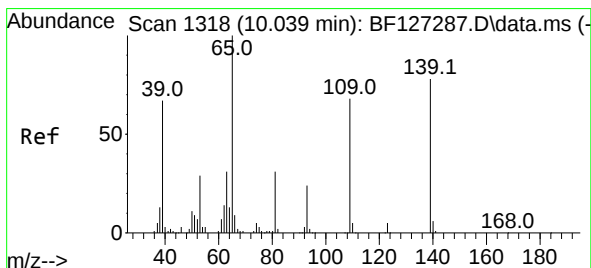
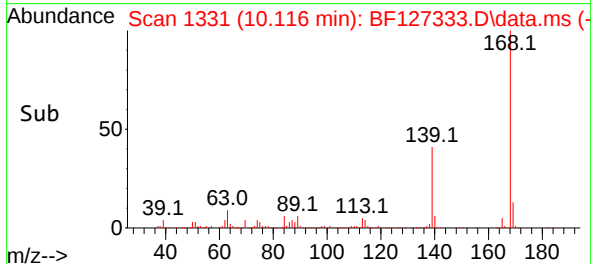
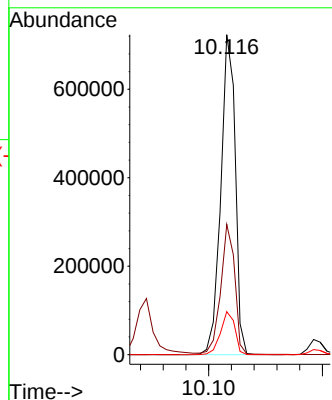
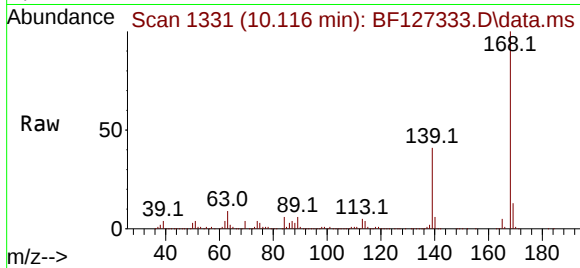




#55
Dibenzofuran
Concen: 44.398 ng
RT: 10.116 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

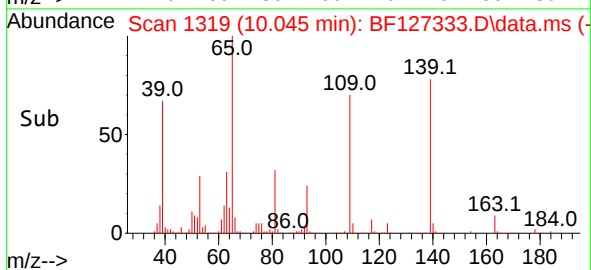
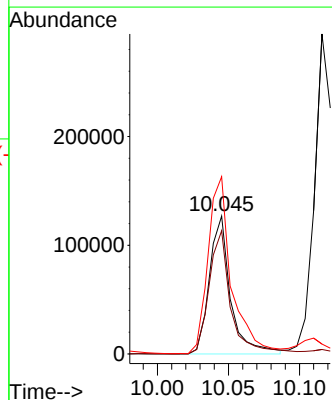
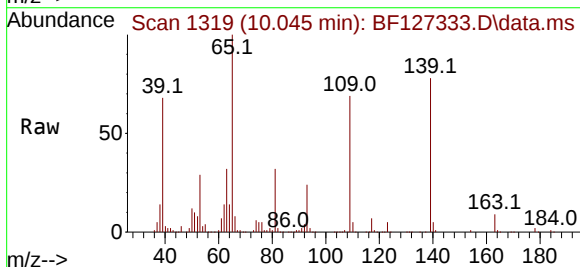
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

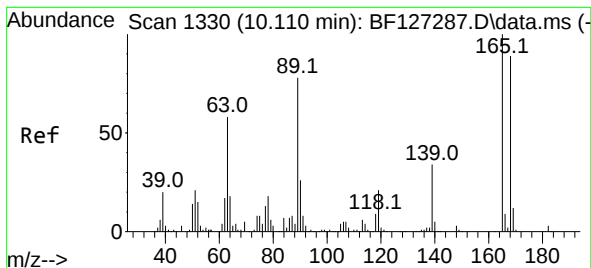
Tgt Ion:168 Resp: 641234
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 13.4 10.0 15.0



#56
4-Nitrophenol
Concen: 79.086 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:139 Resp: 131709
Ion Ratio Lower Upper
139 100
109 89.3 44.1 84.1#
65 128.5 85.5 125.5#

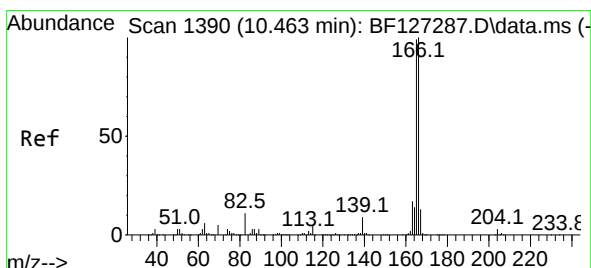
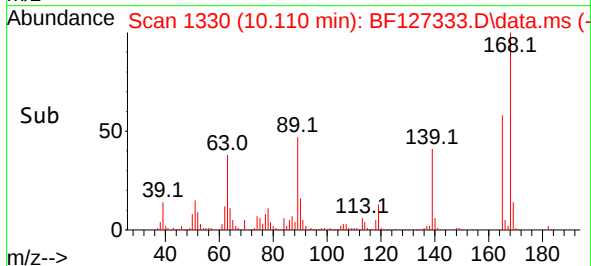
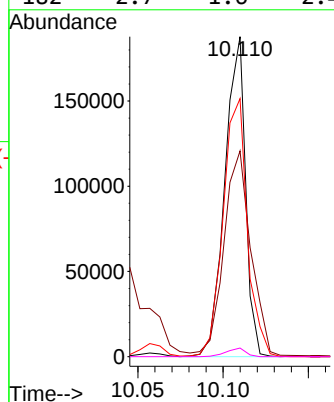
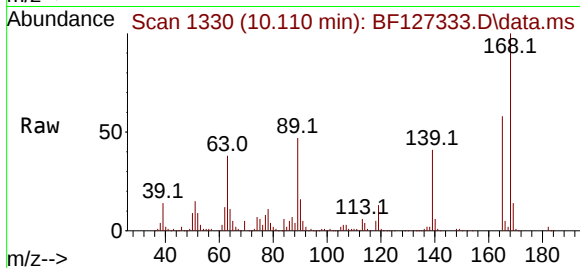




#57
2,4-Dinitrotoluene
Concen: 47.874 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

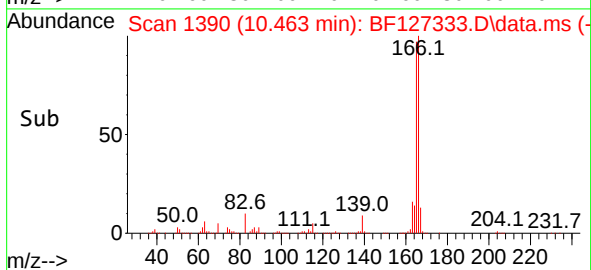
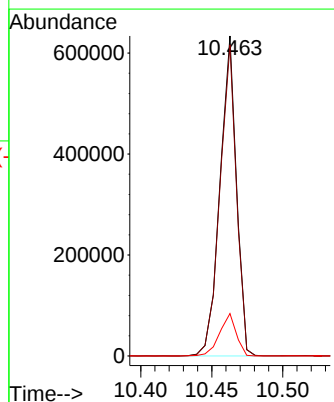
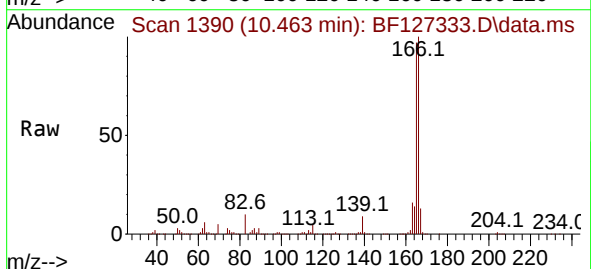
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:165 Resp: 158373
Ion Ratio Lower Upper
165 100
63 64.3 43.0 64.6
89 80.7 71.0 106.4
182 2.7 1.6 2.4#



#58
Fluorene
Concen: 45.704 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:166 Resp: 511852
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.314 ng

RT: 10.239 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:232 Resp: 147688

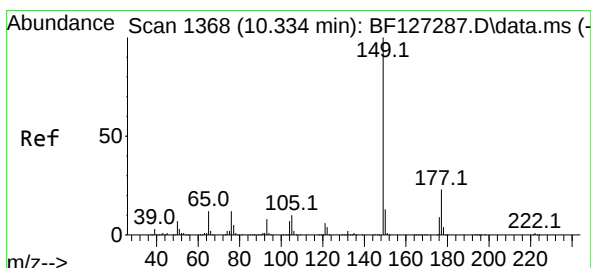
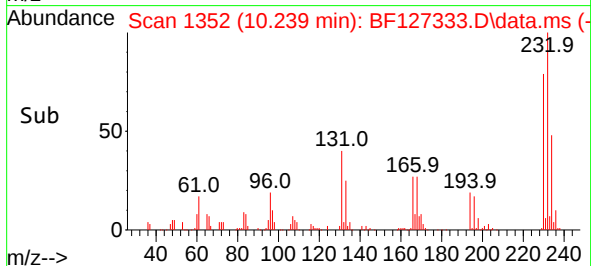
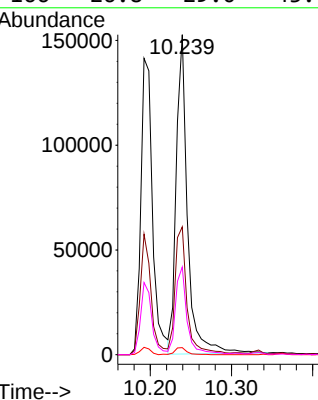
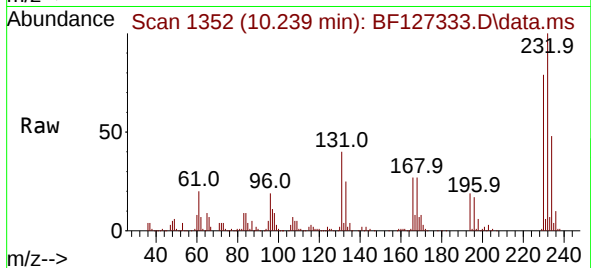
Ion Ratio Lower Upper

232 100

131 40.6 50.0 75.0#

130 2.3 2.2 3.2

166 26.8 29.0 43.4#



#60

Diethylphthalate

Concen: 46.880 ng

RT: 10.333 min Scan# 1368

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

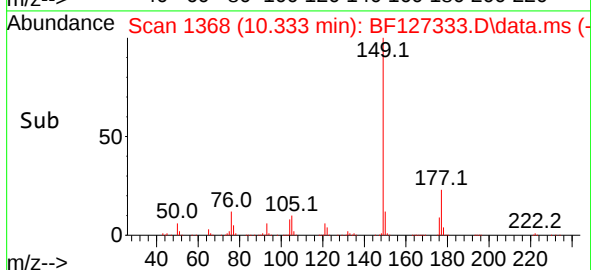
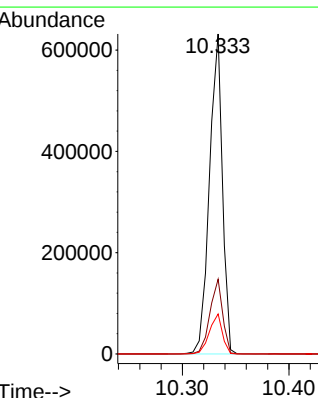
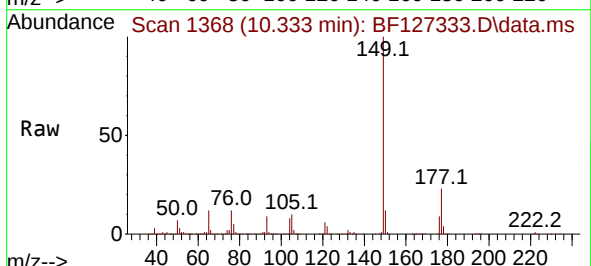
Tgt Ion:149 Resp: 531524

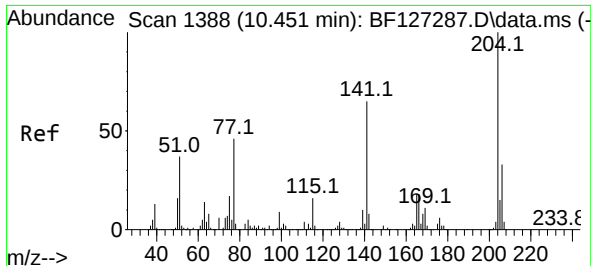
Ion Ratio Lower Upper

149 100

177 23.4 16.7 25.1

150 12.5 9.8 14.8

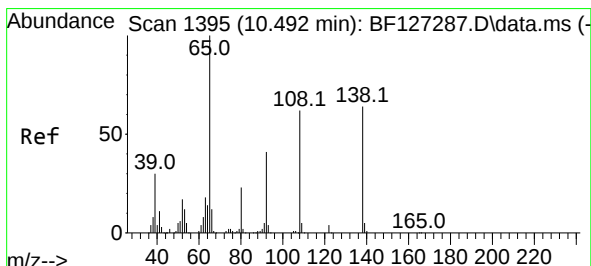
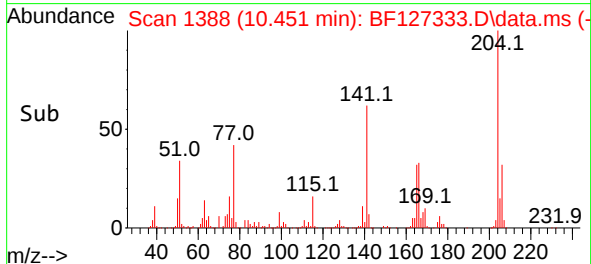
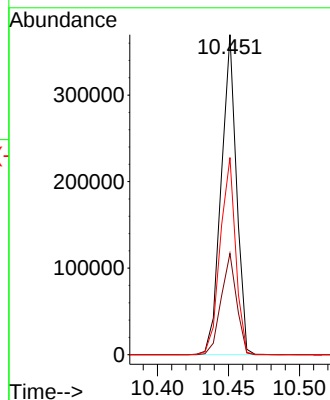
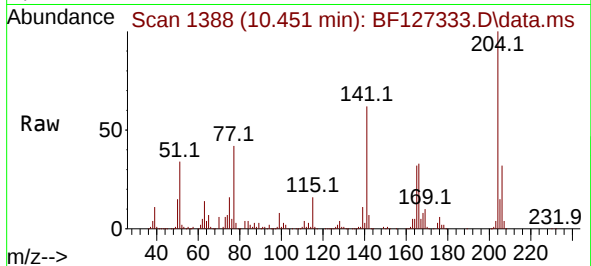




#61
4-Chlorophenyl-phenylether
Concen: 45.528 ng
RT: 10.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

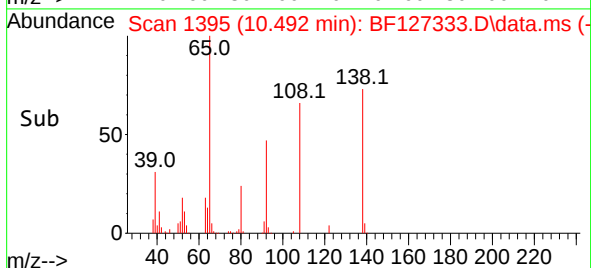
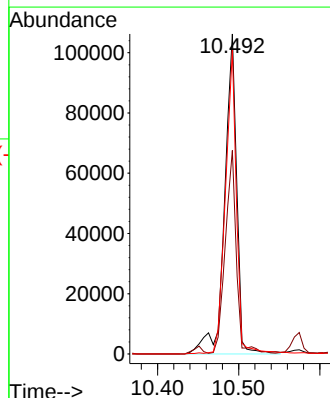
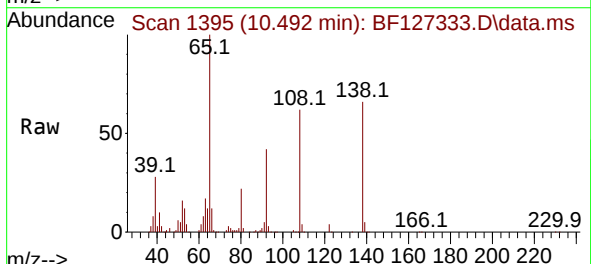
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

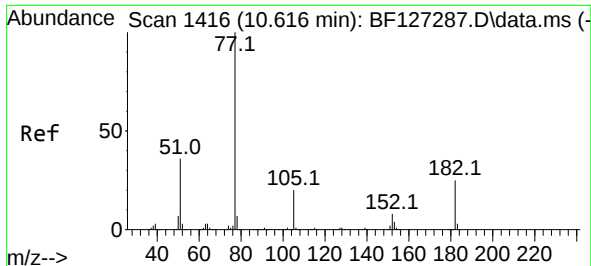
Tgt Ion:204 Resp: 276320
Ion Ratio Lower Upper
204 100
206 31.6 26.3 39.5
141 61.6 59.0 88.6



#62
4-Nitroaniline
Concen: 40.533 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:138 Resp: 110670
Ion Ratio Lower Upper
138 100
92 63.6 36.2 76.2
108 95.0 46.7 86.7#

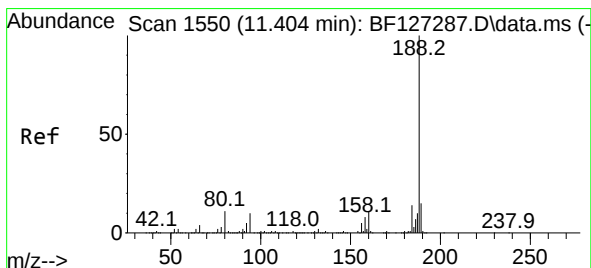
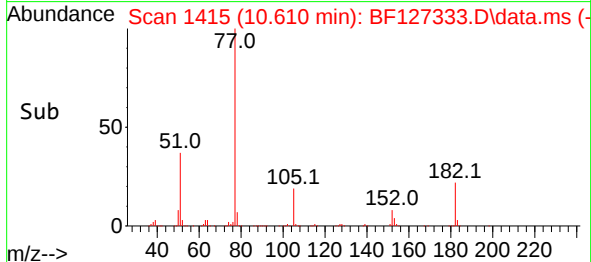
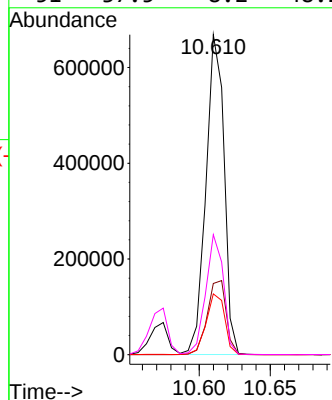
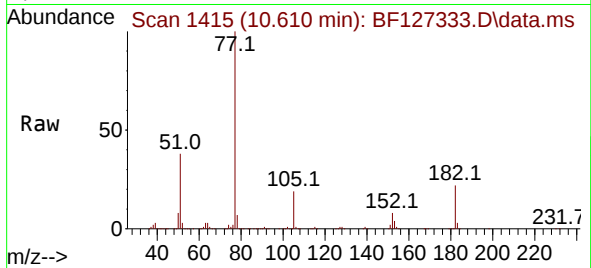




#63
Azobenzene
Concen: 45.658 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

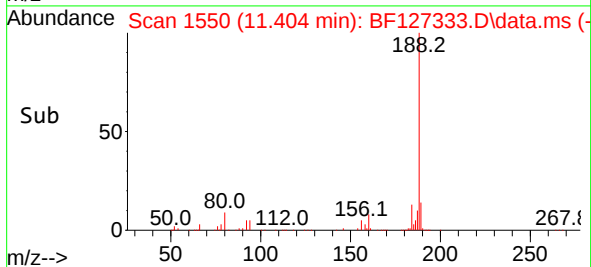
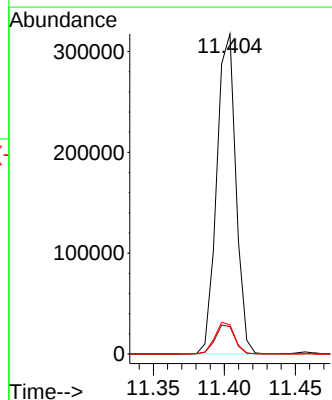
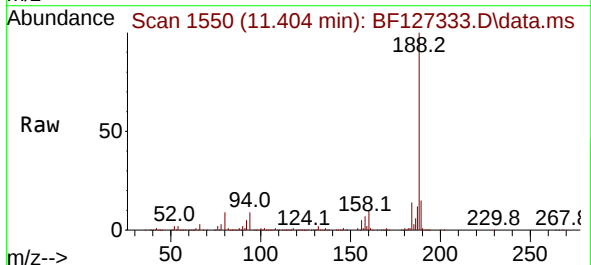
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

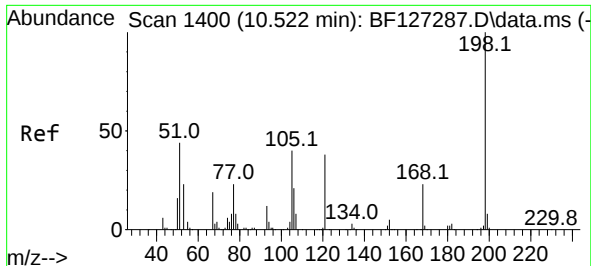
Tgt Ion: 77	Resp: 595073
Ion Ratio	Lower Upper
77	100
182	22.2 0.0 39.0
105	19.0 3.2 43.2
51	37.5 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion: 188	Resp: 298294
Ion Ratio	Lower Upper
188	100
94	8.5 10.1 15.1#
80	9.1 11.8 17.6#

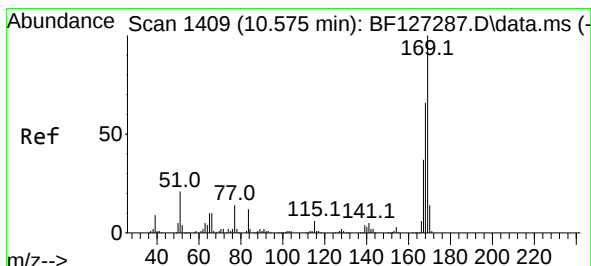
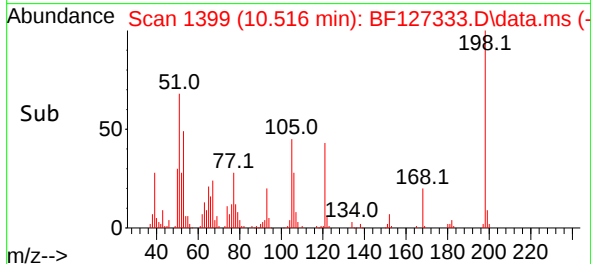
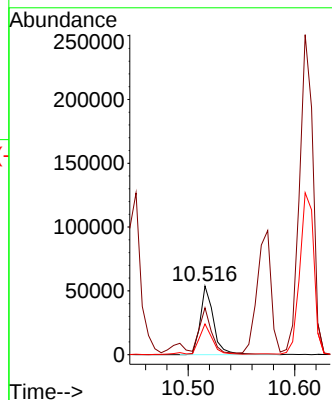
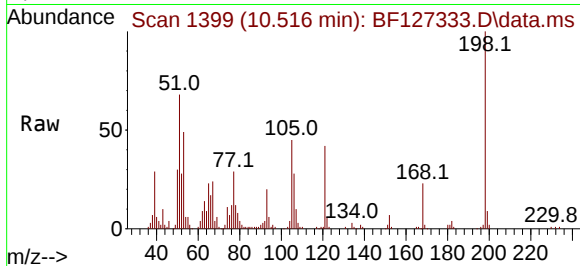




#65
4,6-Dinitro-2-methylphenol
Concen: 25.080 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

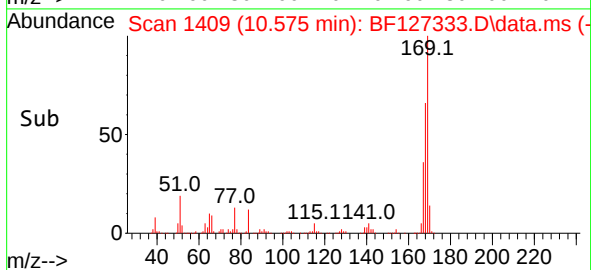
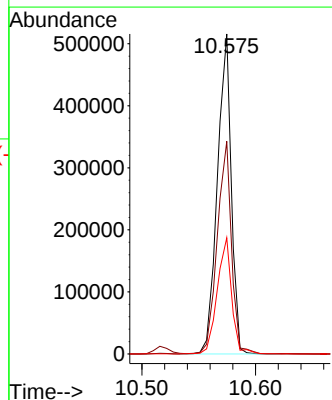
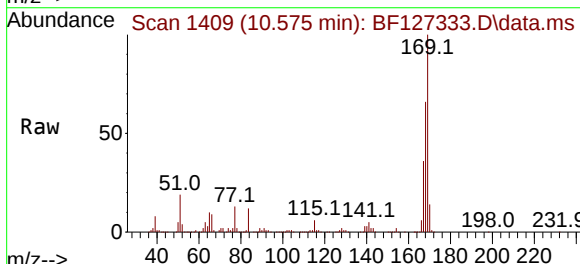
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

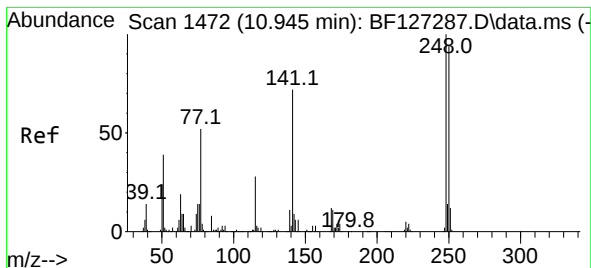
Tgt Ion:198 Resp: 46126
Ion Ratio Lower Upper
198 100
51 68.3 32.0 72.0
105 44.8 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 47.366 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:169 Resp: 438807
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.3 29.4 44.0

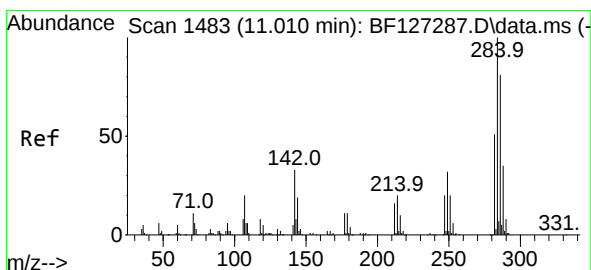
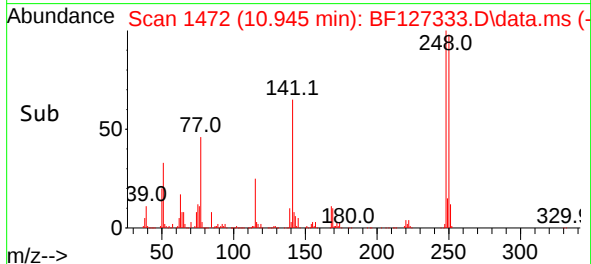
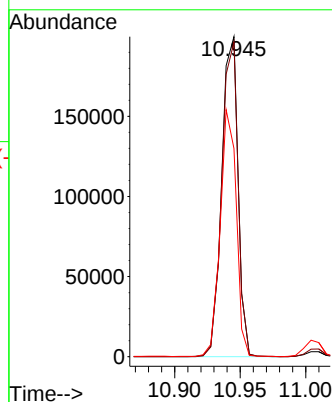
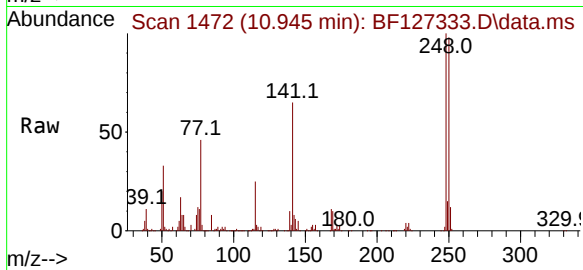




#67
4-Bromophenyl-phenylether
Concen: 47.930 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

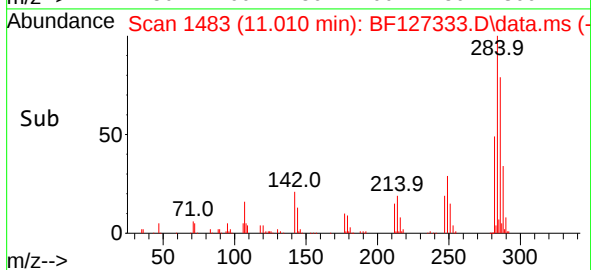
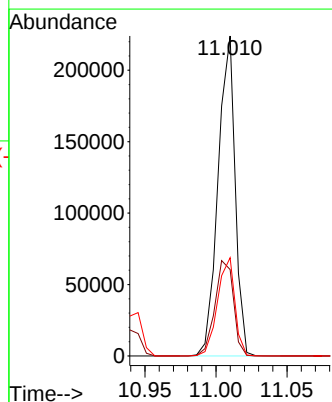
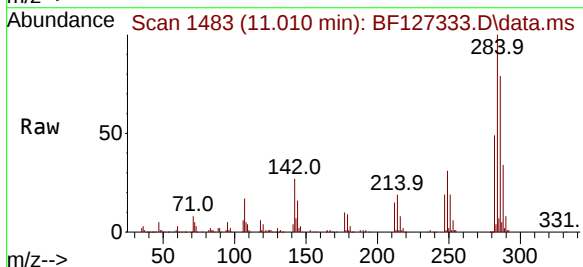
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

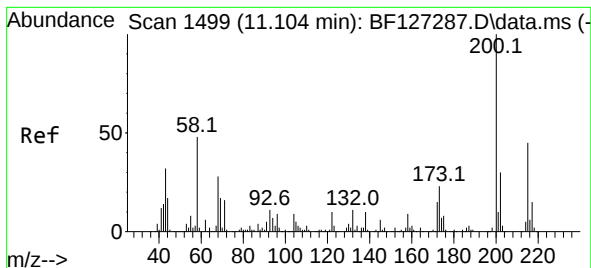
Tgt Ion:248 Resp: 172346
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.4
141 65.0 66.2 99.4#



#68
Hexachlorobenzene
Concen: 47.717 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:284 Resp: 186994
Ion Ratio Lower Upper
284 100
142 27.0 30.7 46.1#
249 30.7 21.1 31.7





#69

Atrazine

Concen: 52.040 ng

RT: 11.104 min Scan# 1499

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

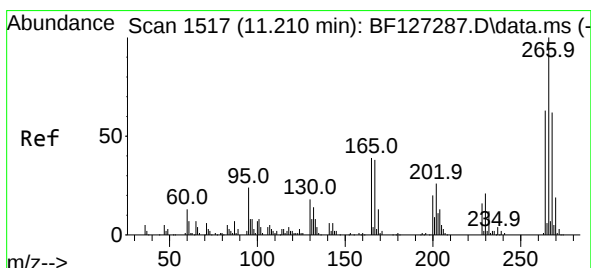
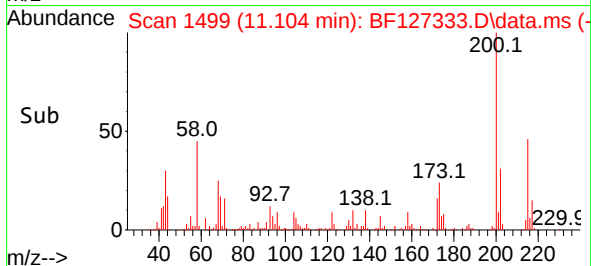
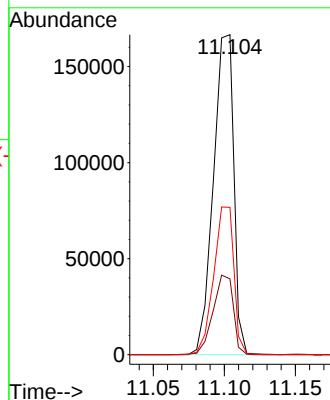
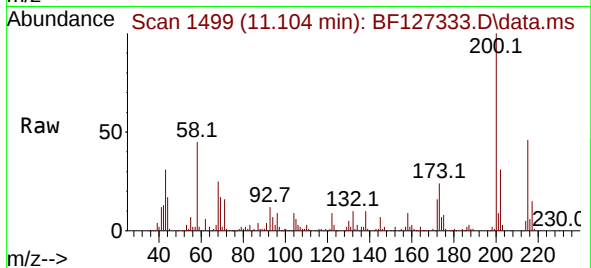
Tgt Ion:200 Resp: 166360

Ion Ratio Lower Upper

200 100

173 23.7 9.2 49.2

215 46.1 23.2 63.2



#70

Pentachlorophenol

Concen: 98.448 ng

RT: 11.210 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

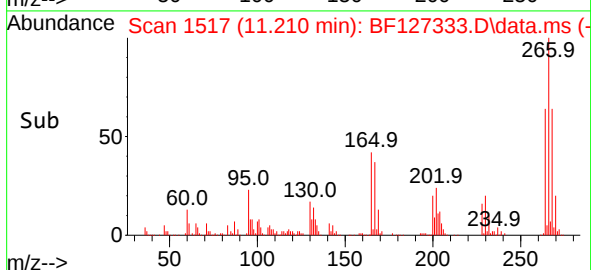
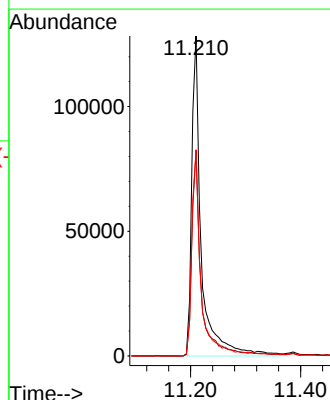
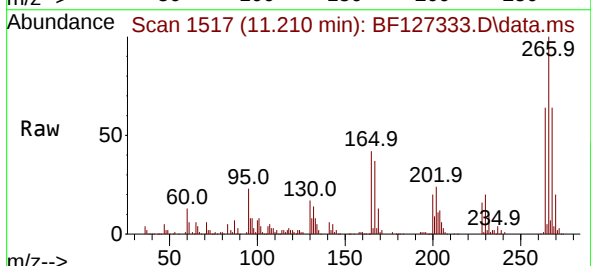
Tgt Ion:266 Resp: 155768

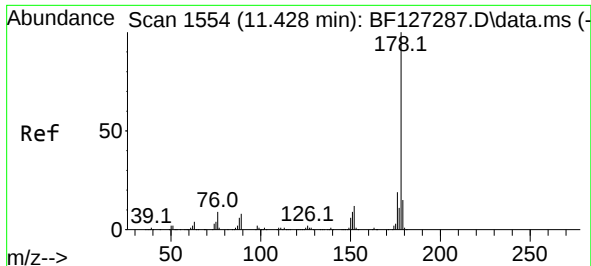
Ion Ratio Lower Upper

266 100

268 63.8 52.3 78.5

264 64.4 50.4 75.6

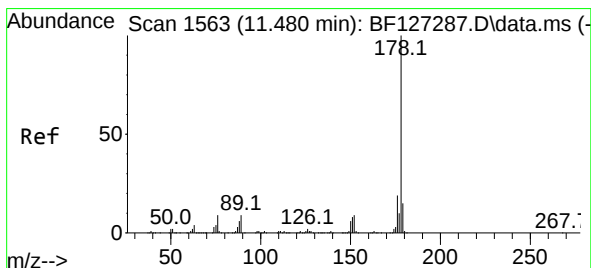
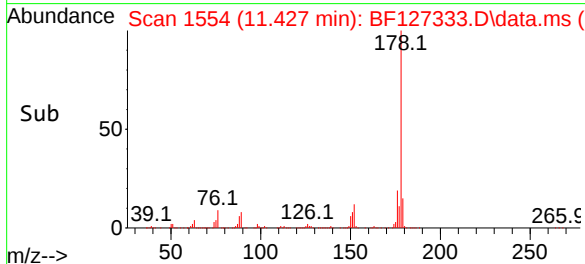
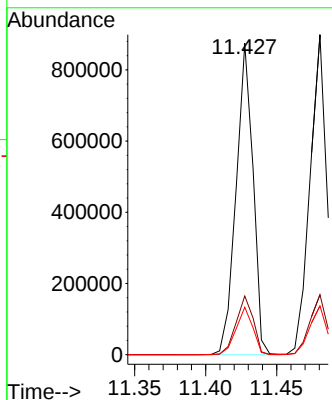
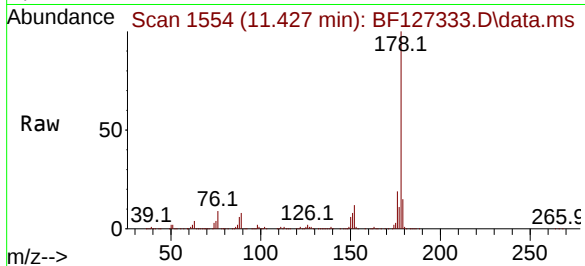




#71
Phenanthrene
Concen: 46.155 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

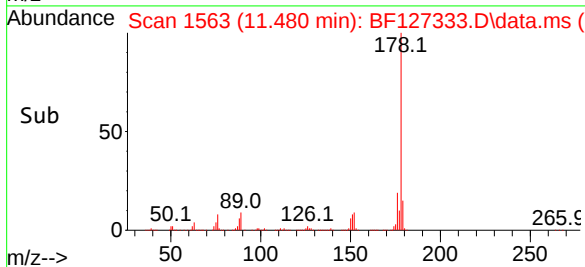
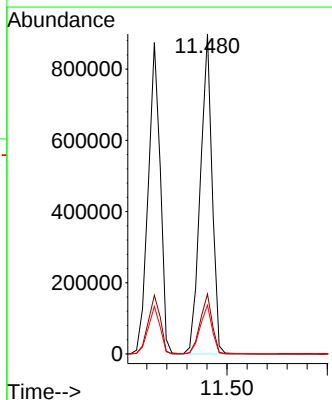
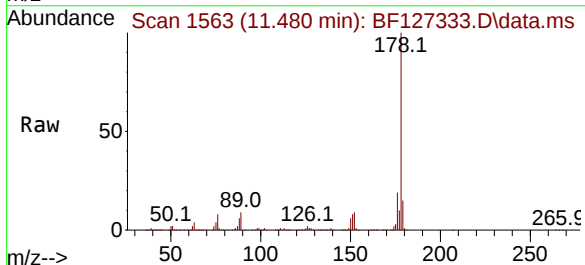
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

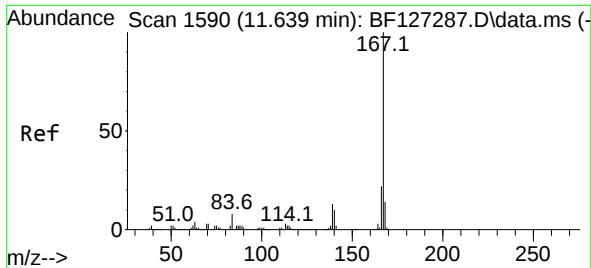
Tgt Ion:178 Resp: 726783
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.3 12.3 18.5



#72
Anthracene
Concen: 47.200 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:178 Resp: 736056
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.2 12.5 18.7

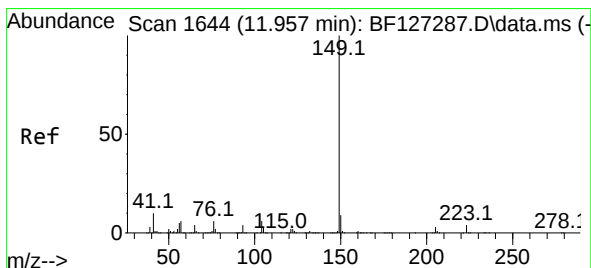
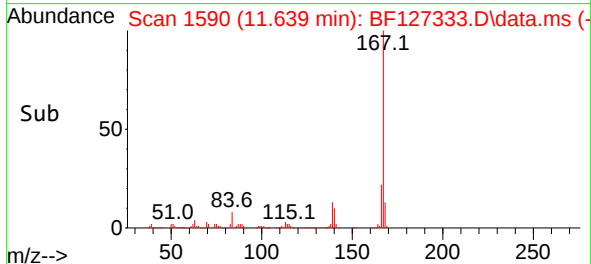
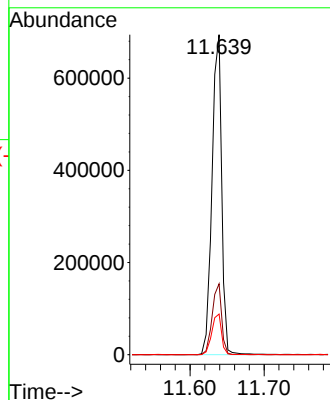
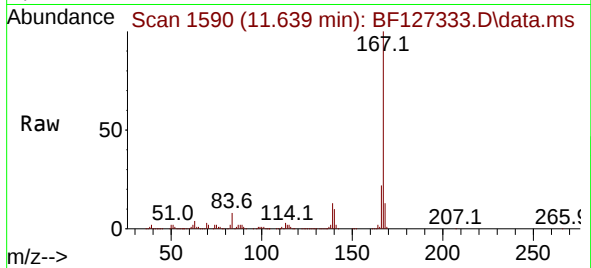




#73
 Carbazole
 Concen: 42.850 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

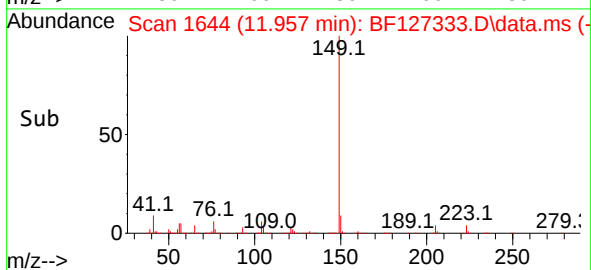
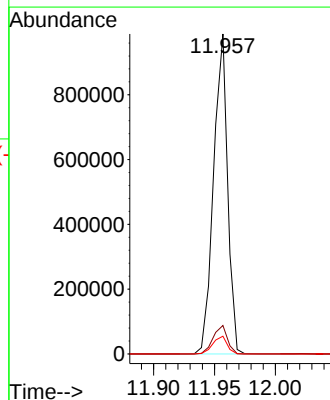
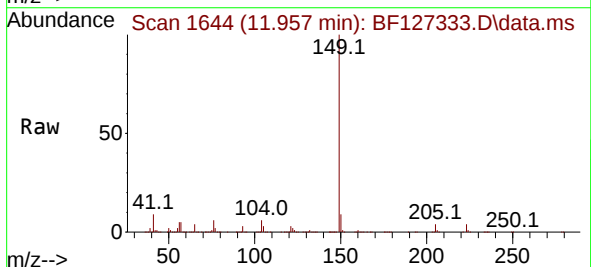
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

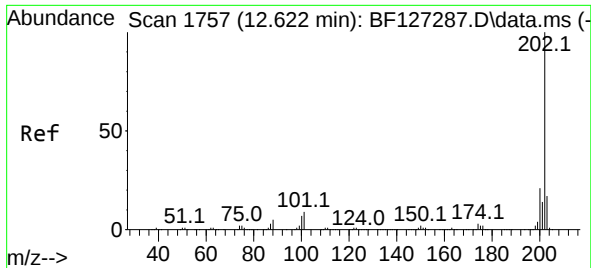
Tgt Ion:167	Resp: 629268
Ion Ratio	Lower Upper
167 100	
166 22.2	16.9 25.3
139 12.7	11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 46.310 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

Tgt Ion:149	Resp: 795453		
Ion Ratio	Lower	Upper	
149 100			
150 8.9	7.2	10.8	
104 5.6	4.2	6.2	

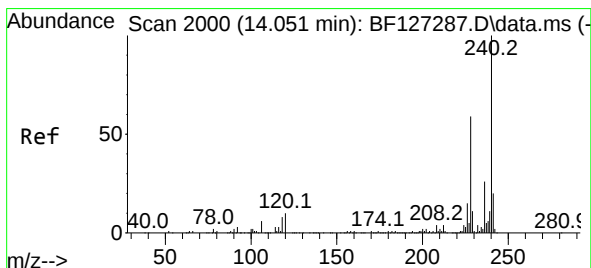
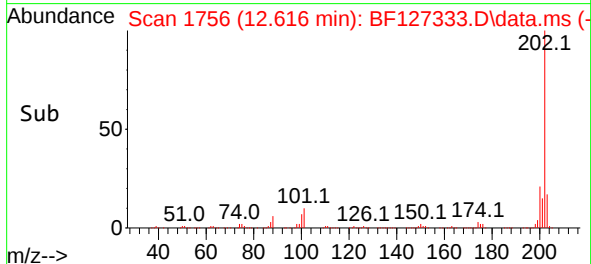
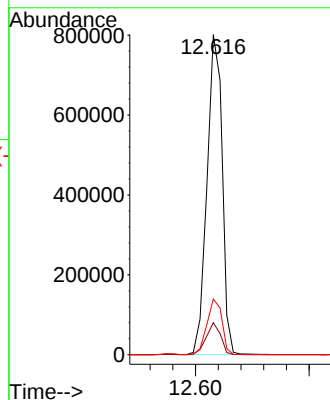
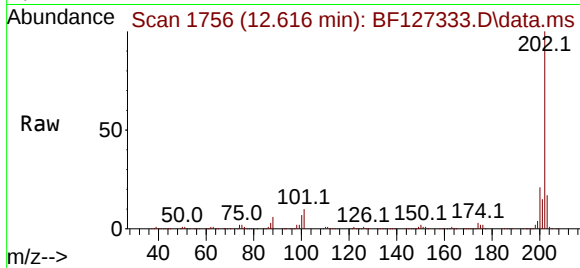




#75
Fluoranthene
Concen: 42.017 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

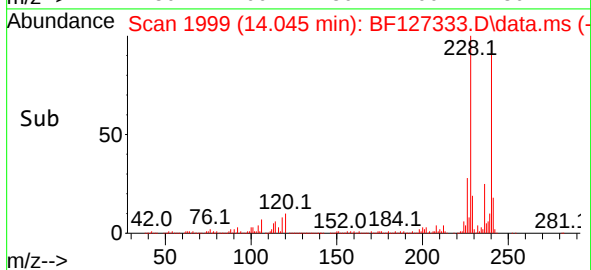
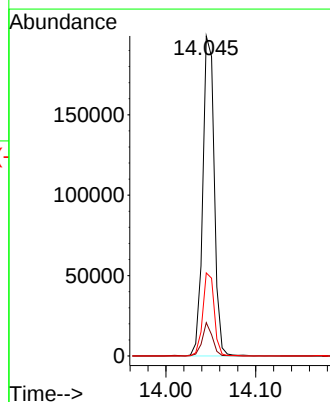
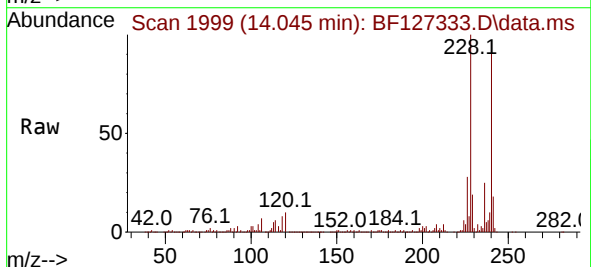
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

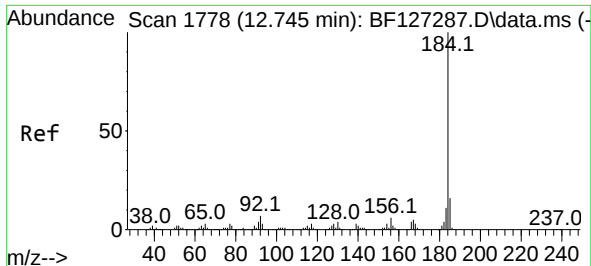
Tgt Ion:202 Resp: 739777
Ion Ratio Lower Upper
202 100
101 10.0 0.0 35.7
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:240 Resp: 176801
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.9 20.5 30.7

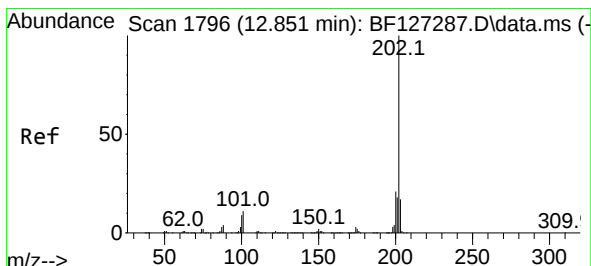
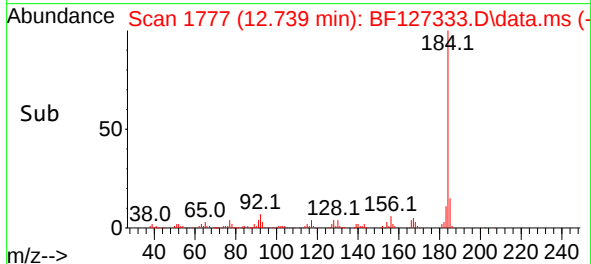
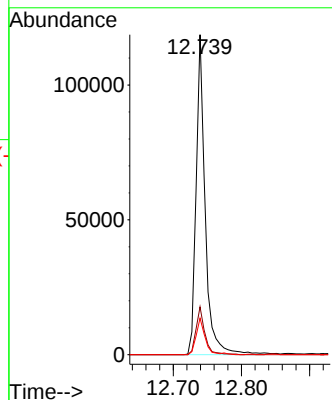
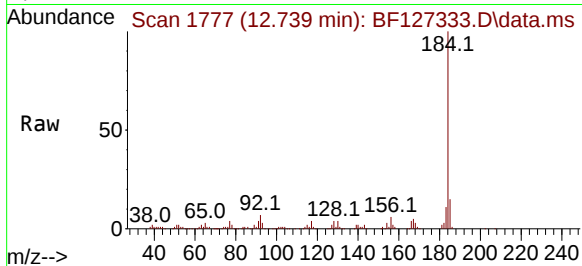




#77
Benzidine
Concen: 24.485 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

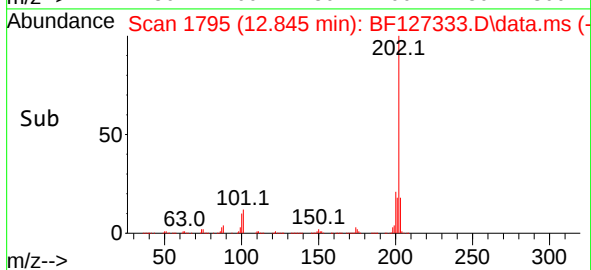
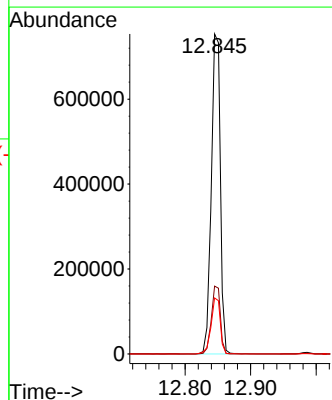
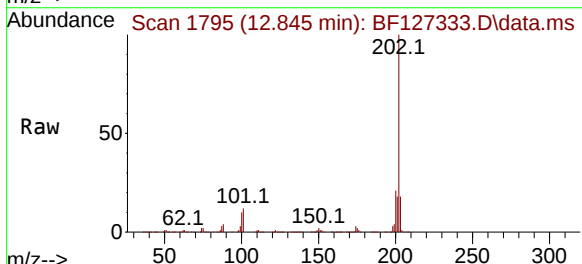
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

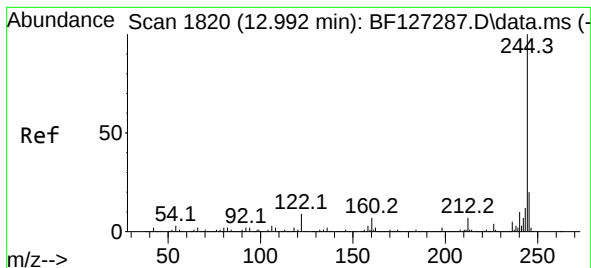
Tgt Ion:184 Resp: 110084
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.8
183 11.4 8.2 12.2



#78
Pyrene
Concen: 52.686 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:202 Resp: 725542
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 101.677 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

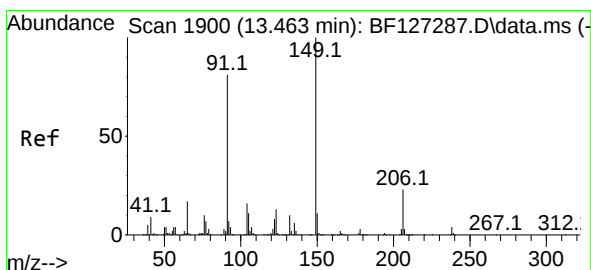
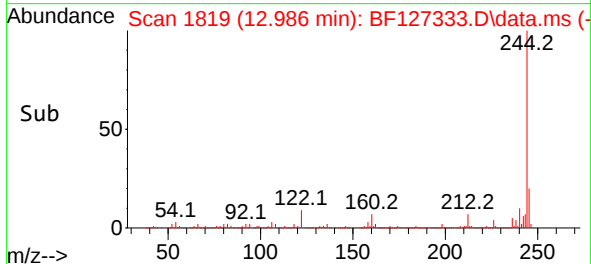
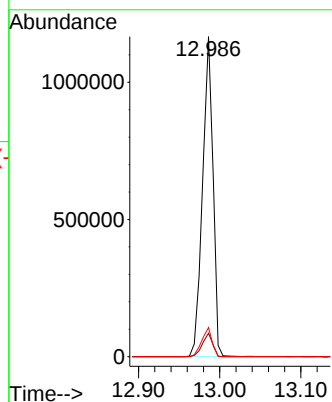
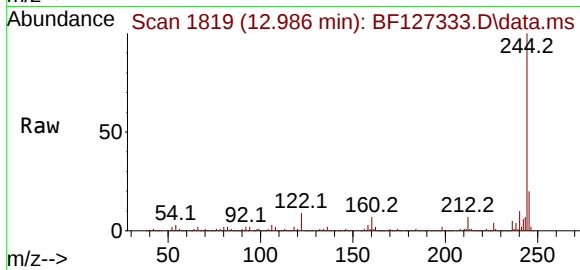
Tgt Ion:244 Resp: 1043970

Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

122 9.1 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 49.747 ng

RT: 13.457 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

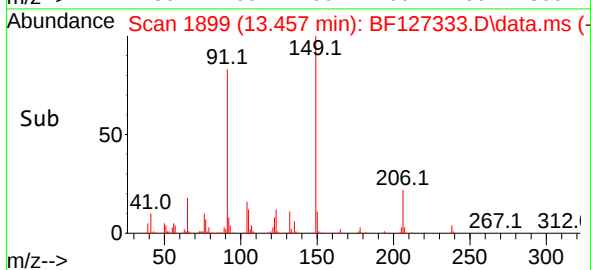
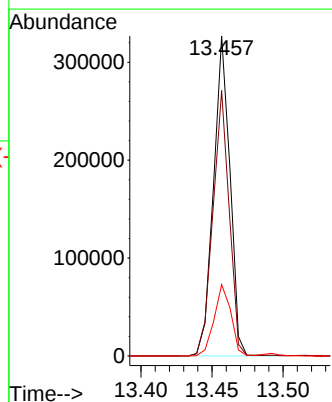
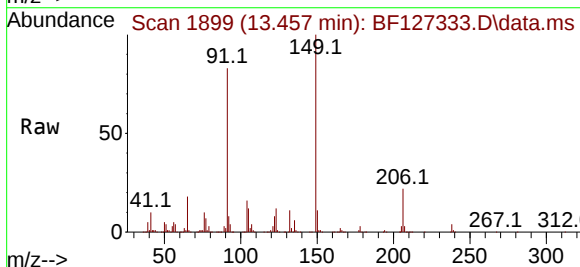
Tgt Ion:149 Resp: 263656

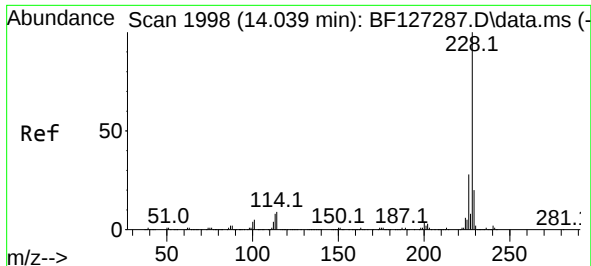
Ion Ratio Lower Upper

149 100

91 83.0 70.5 105.7

206 22.3 12.6 19.0#

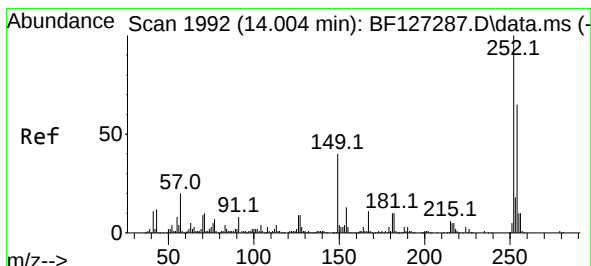
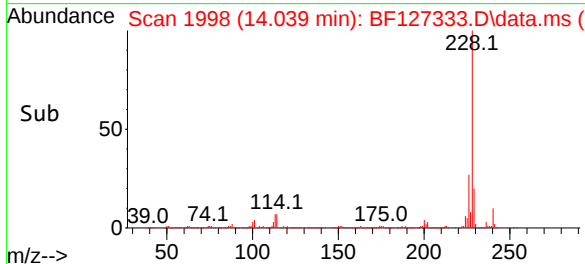
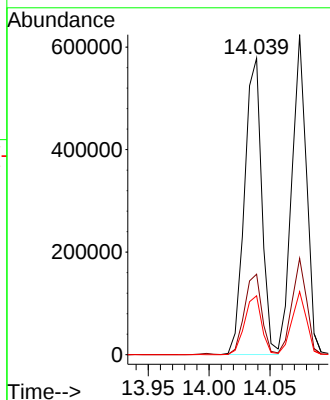
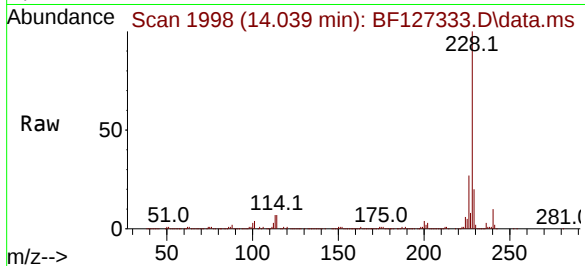




#81
Benzo(a)anthracene
Concen: 47.936 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

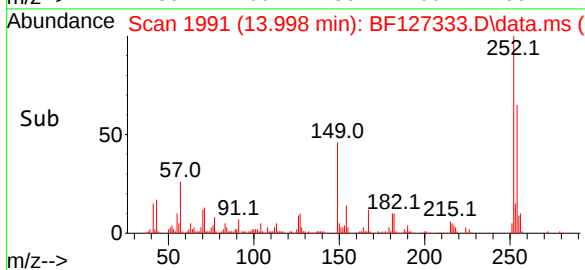
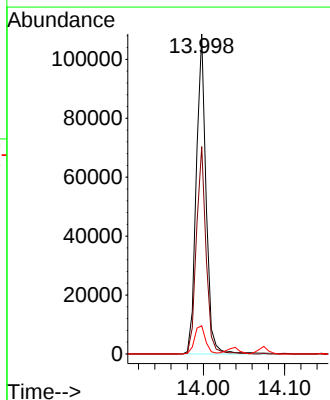
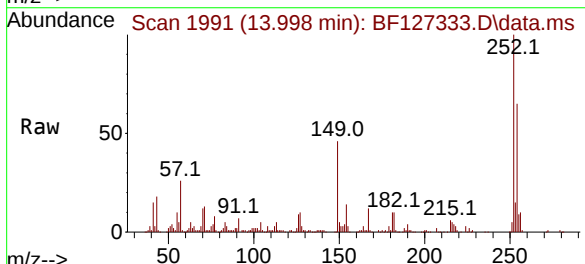
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

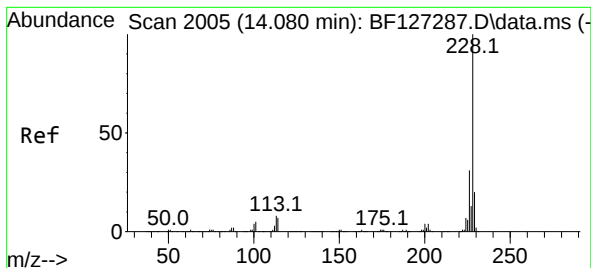
Tgt Ion:228 Resp: 570649
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.9 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 24.768 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127333.D
Acq: 15 Mar 2022 19:42

Tgt Ion:252 Resp: 91677
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.4
126 8.8 13.4 20.0#





#83

Chrysene

Concen: 47.278 ng

RT: 14.074 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

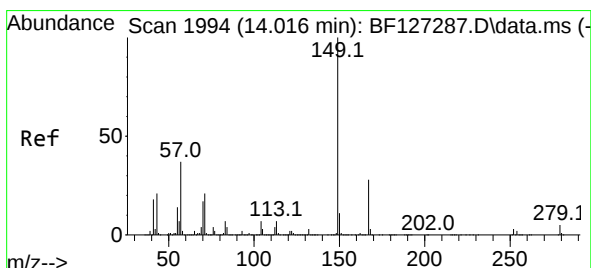
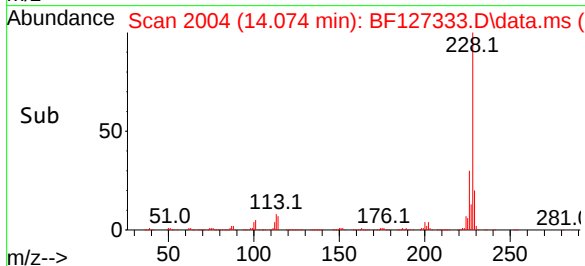
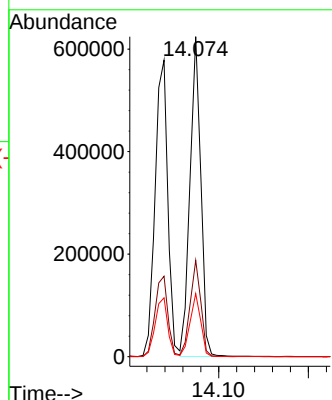
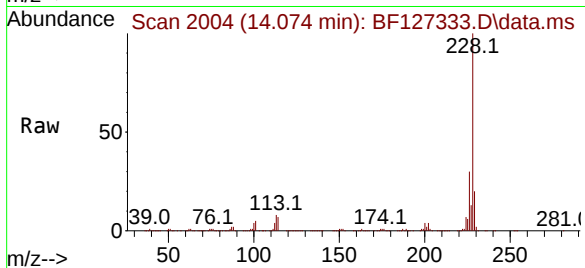
Tgt Ion:228 Resp: 523485

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.293 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

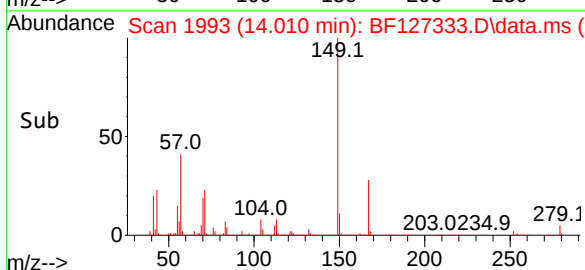
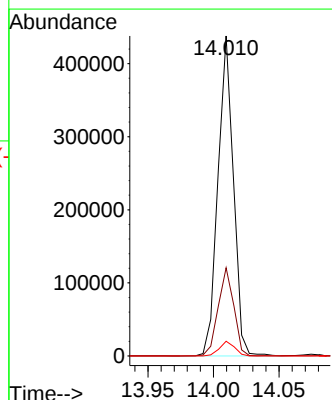
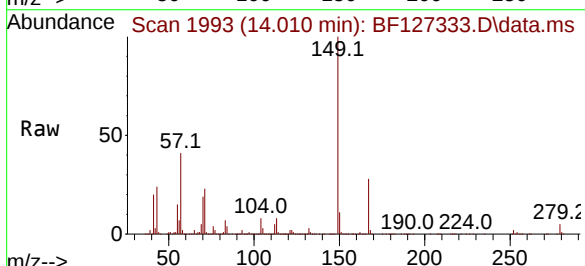
Tgt Ion:149 Resp: 358812

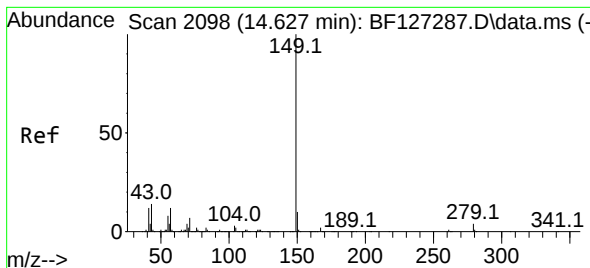
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.2

279 4.6 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 55.147 ng

RT: 14.627 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

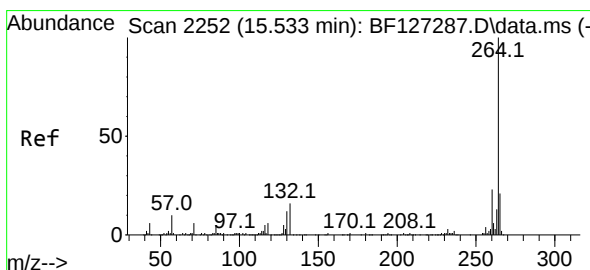
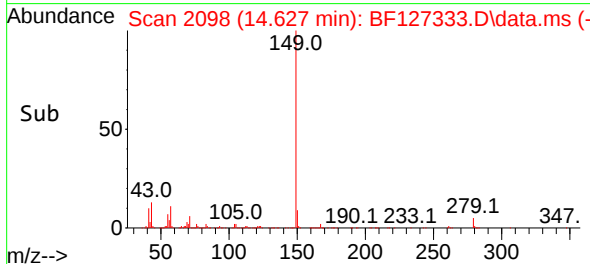
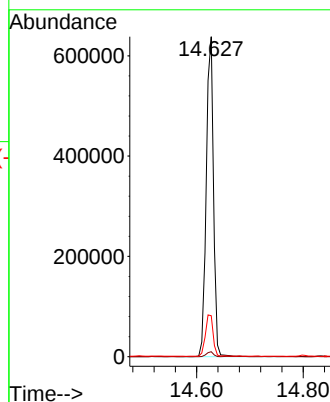
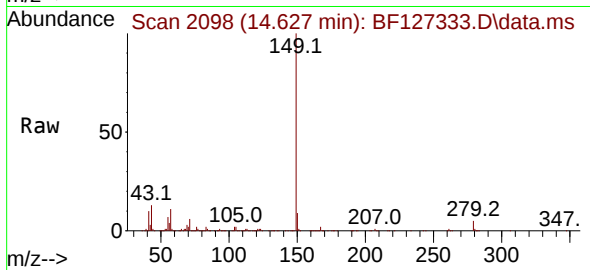
Tgt Ion:149 Resp: 595497

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 14.0 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2251

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

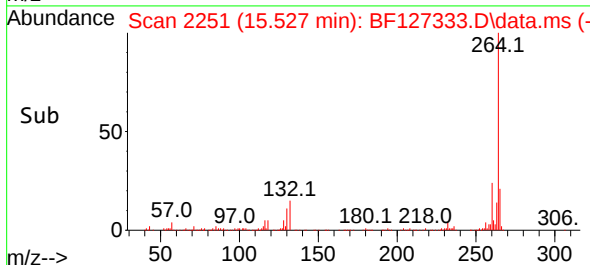
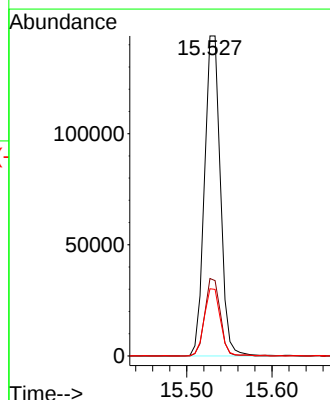
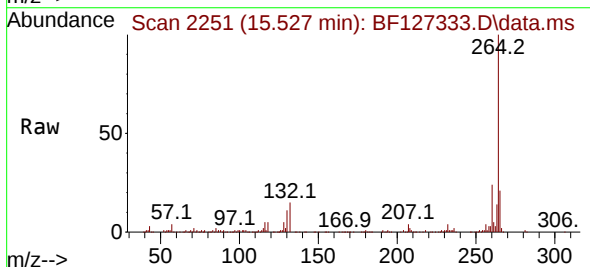
Tgt Ion:264 Resp: 186519

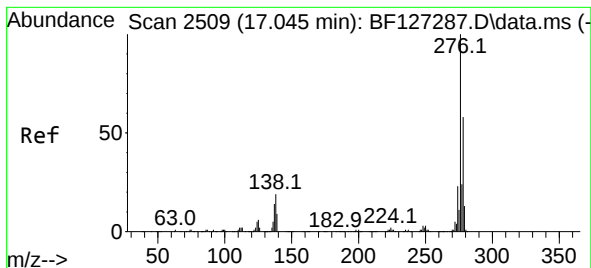
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.796 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

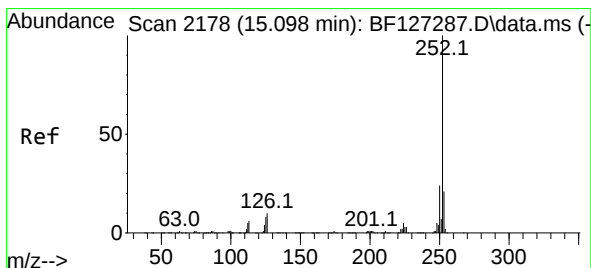
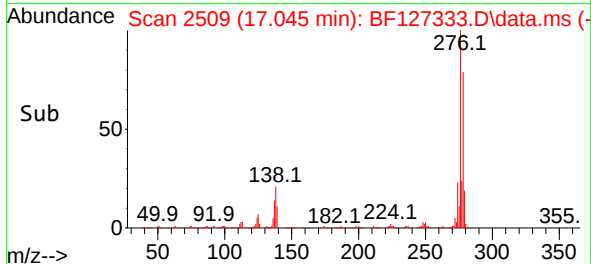
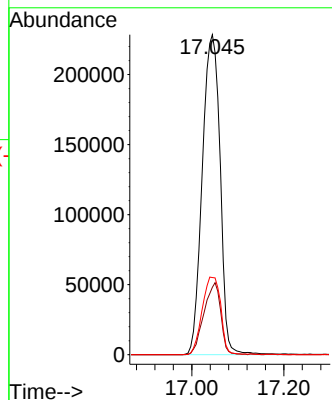
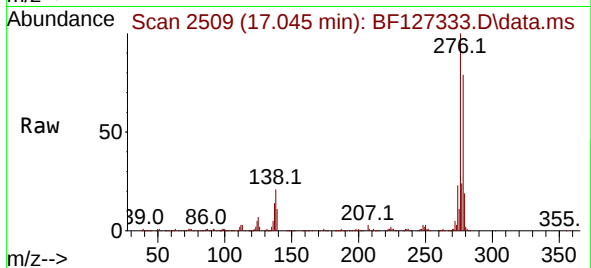
Tgt Ion:276 Resp: 615703

Ion Ratio Lower Upper

276 100

138 21.2 29.2 43.8#

277 25.2 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 45.955 ng

RT: 15.098 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

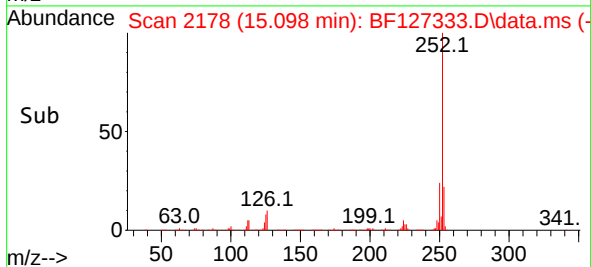
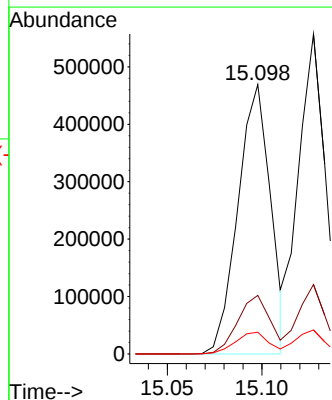
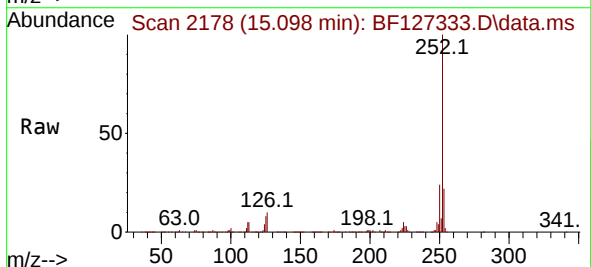
Tgt Ion:252 Resp: 562633

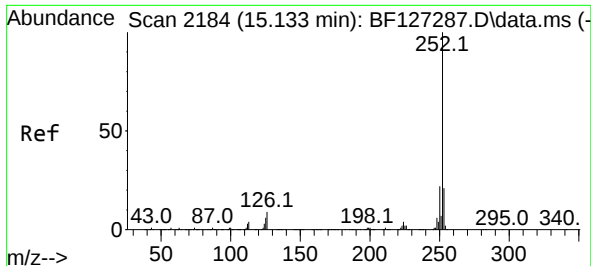
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.1 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 47.903 ng

RT: 15.127 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

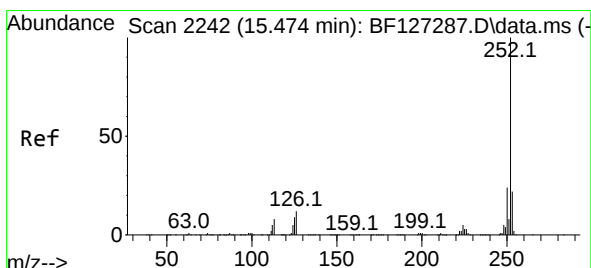
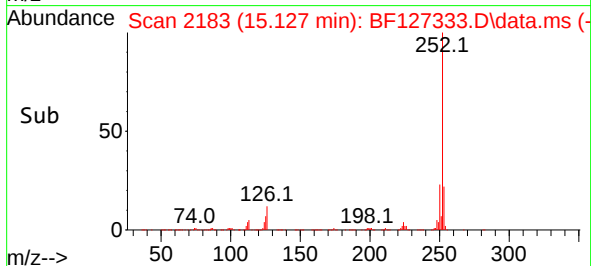
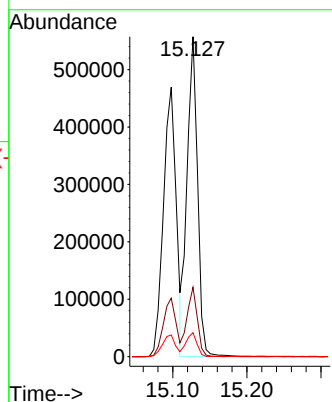
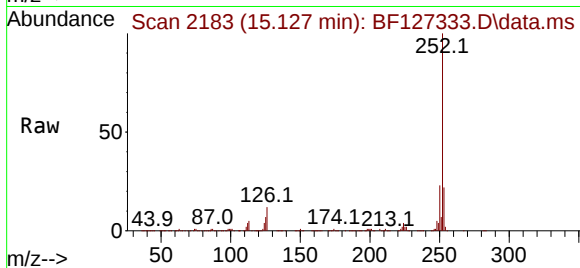
Tgt Ion:252 Resp: 551449

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.5 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 57.785 ng

RT: 15.474 min Scan# 2242

Delta R.T. -0.000 min

Lab File: BF127333.D

Acq: 15 Mar 2022 19:42

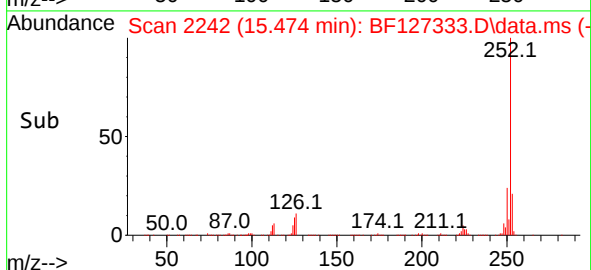
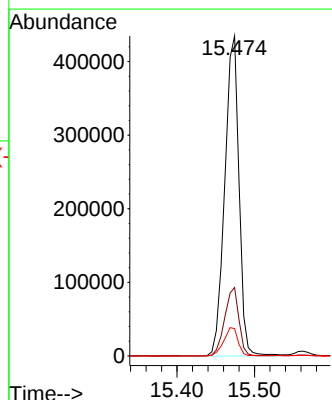
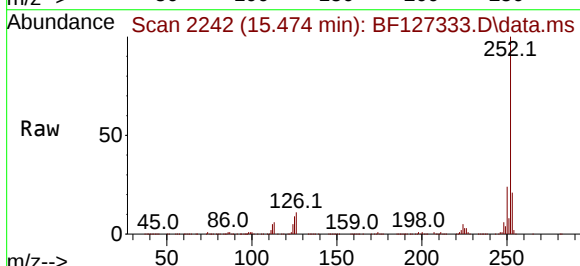
Tgt Ion:252 Resp: 557097

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 8.6 13.0 19.6#

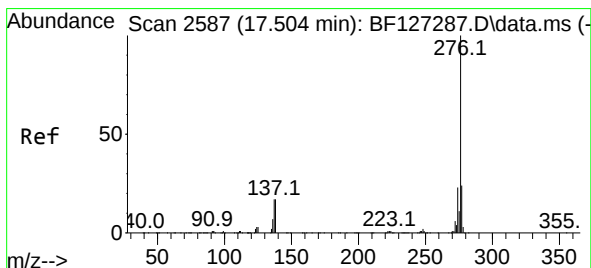
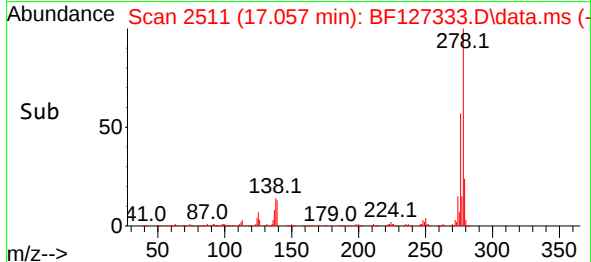
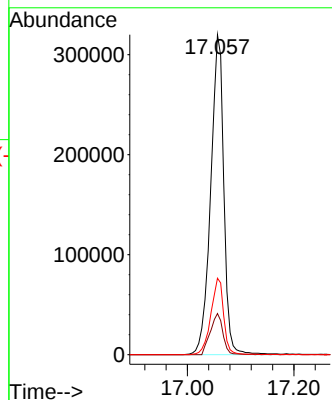
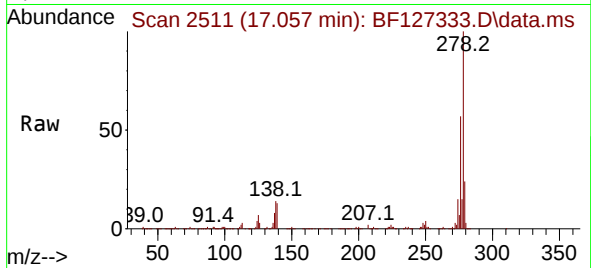




#91
 Dibenzo(a,h)anthracene
 Concen: 58.669 ng
 RT: 17.057 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

Tgt Ion:278 Resp: 548655
 Ion Ratio Lower Upper
 278 100
 139 12.8 18.0 27.0#
 279 23.9 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 58.420 ng
 RT: 17.504 min Scan# 2587
 Delta R.T. -0.000 min
 Lab File: BF127333.D
 Acq: 15 Mar 2022 19:42

Tgt Ion:276 Resp: 532917
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.5 27.7
 138 16.3 25.9 38.9#

