

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137312.D
 Acq On : 07 Feb 2024 10:46
 Operator : CG\JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 07 11:07:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	50718	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	199677	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	120197	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	244749	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	182901	20.000	ng	0.00
86) Perylene-d12	15.451	264	136785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	276717	90.028	ng	0.00
7) Phenol-d6	6.422	99	369740	84.292	ng	0.00
23) Nitrobenzene-d5	7.351	82	382983	85.873	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	124679	91.848	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	701491	80.228	ng	0.00
79) Terphenyl-d14	12.916	244	948755	70.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	65949	40.100	ng	98
3) Pyridine	3.275	79	139569	42.301	ng	98
4) n-Nitrosodimethylamine	3.240	42	69079	42.072	ng	92
6) Aniline	6.457	93	209329	44.580	ng	99
8) 2-Chlorophenol	6.575	128	146030	42.491	ng	96
9) Benzaldehyde	6.340	77	65431	39.169	ng	96
10) Phenol	6.440	94	206613	42.198	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	134463	41.094	ng	99
12) 1,3-Dichlorobenzene	6.728	146	166616	41.350	ng	100
13) 1,4-Dichlorobenzene	6.804	146	171543	41.164	ng	99
14) 1,2-Dichlorobenzene	6.957	146	161330	41.405	ng	98
15) Benzyl Alcohol	6.934	79	140717	45.155	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	231490	39.274	ng	98
17) 2-Methylphenol	7.045	107	122270	42.585	ng	98
18) Hexachloroethane	7.298	117	63221	42.064	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	121998	40.564	ng	98
20) 3+4-Methylphenols	7.198	107	158618	43.640	ng	# 84
22) Acetophenone	7.198	105	226968	42.222	ng	98
24) Nitrobenzene	7.369	77	185949	42.957	ng	99
25) Isophorone	7.610	82	334488	40.632	ng	99
26) 2-Nitrophenol	7.687	139	72562	43.538	ng	92
27) 2,4-Dimethylphenol	7.722	122	97175	41.299	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	176891	40.464	ng	99
29) 2,4-Dichlorophenol	7.928	162	125808	43.100	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	149138	41.133	ng	99
31) Naphthalene	8.092	128	441656	40.914	ng	100
32) Benzoic acid	7.840	122	65841	41.312	ng	95
33) 4-Chloroaniline	8.140	127	167741	45.175	ng	98
34) Hexachlorobutadiene	8.210	225	99825	41.407	ng	97
35) Caprolactam	8.510	113	42940	47.310	ng	97
36) 4-Chloro-3-methylphenol	8.622	107	150771	43.732	ng	98
37) 2-Methylnaphthalene	8.781	142	294853	40.742	ng	98
38) 1-Methylnaphthalene	8.881	142	274834	40.887	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	164896	40.999	ng	97
41) Hexachlorocyclopentadiene	8.934	237	81587	42.591	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	98921	43.363	ng	96

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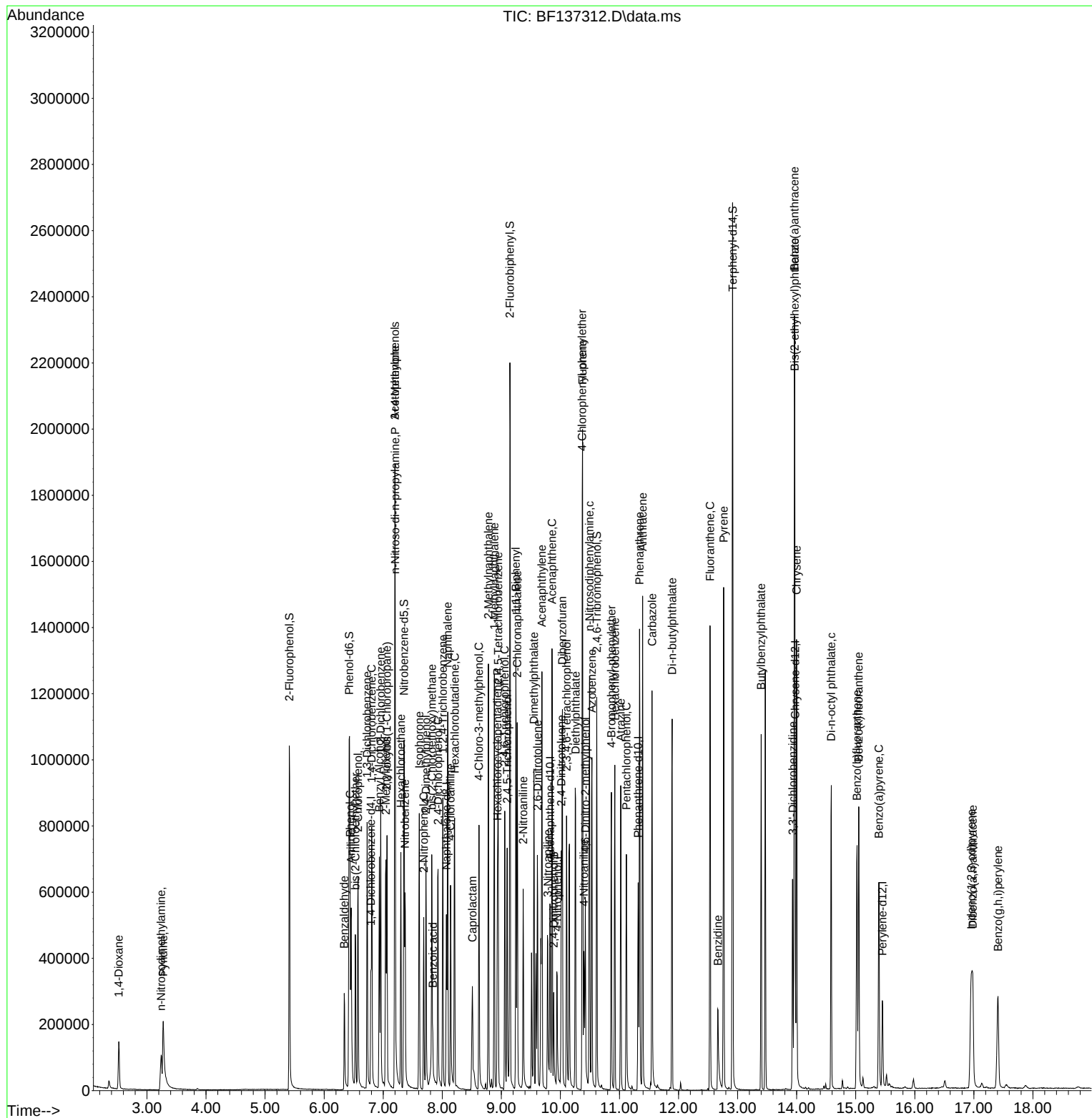
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	110824	44.445	ng	98
46) 1,1'-Biphenyl	9.245	154	378172	39.544	ng	100
47) 2-Chloronaphthalene	9.269	162	283705	40.086	ng	98
48) 2-Nitroaniline	9.369	65	105593	46.097	ng	96
49) Acenaphthylene	9.687	152	463410	40.901	ng	100
50) Dimethylphthalate	9.551	163	341490	42.055	ng	100
51) 2,6-Dinitrotoluene	9.610	165	77774	44.916	ng	93
52) Acenaphthene	9.857	154	272315	40.894	ng	99
53) 3-Nitroaniline	9.787	138	76507	49.098	ng	93
54) 2,4-Dinitrophenol	9.886	184	33997	49.285	ng	90
55) Dibenzofuran	10.034	168	432818	40.854	ng	99
56) 4-Nitrophenol	9.945	139	52700	43.337	ng	96
57) 2,4-Dinitrotoluene	10.016	165	106279	47.304	ng	93
58) Fluorene	10.375	166	348385	41.947	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	102280	44.084	ng	96
60) Diethylphthalate	10.257	149	341299	42.687	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	169367	41.026	ng	96
62) 4-Nitroaniline	10.398	138	71748	48.104	ng	94
63) Azobenzene	10.534	77	364725	41.189	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	61374	47.414	ng	98
66) n-Nitrosodiphenylamine	10.492	169	295676	39.732	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	108084	40.162	ng	98
68) Hexachlorobenzene	10.922	284	123656	41.136	ng	92
69) Atrazine	11.022	200	105690	43.022	ng	99
70) Pentachlorophenol	11.116	266	80835	46.910	ng	98
71) Phenanthrene	11.339	178	518707	40.483	ng	99
72) Anthracene	11.392	178	548775	41.092	ng	99
73) Carbazole	11.551	167	483154	43.289	ng	98
74) Di-n-butylphthalate	11.892	149	520021	43.102	ng	99
75) Fluoranthene	12.533	202	587655	43.830	ng	99
77) Benzidine	12.669	184	148719	45.409	ng	99
78) Pyrene	12.763	202	606544	34.508	ng	99
80) Butylbenzylphthalate	13.398	149	208345	46.336	ng	94
81) Benzo(a)anthracene	13.963	228	520011	40.145	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	159341	45.151	ng	97
83) Chrysene	13.998	228	527645	41.434	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	272359	52.065	ng #	96
85) Di-n-octyl phthalate	14.586	149	421877	50.721	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	325685	33.891	ng	98
88) Benzo(b)fluoranthene	15.021	252	376232	44.725	ng	99
89) Benzo(k)fluoranthene	15.051	252	399295	44.869	ng	99
90) Benzo(a)pyrene	15.392	252	326604	41.257	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	256180	33.269	ng	97
92) Benzo(g,h,i)perylene	17.410	276	251910	33.332	ng	98

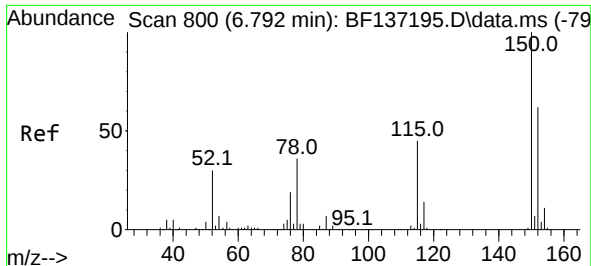
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ClientSampleId :
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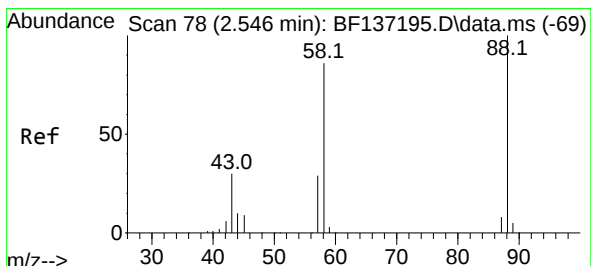
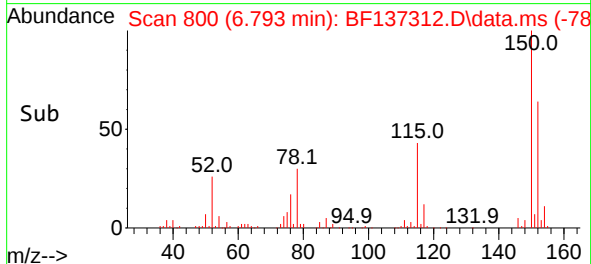
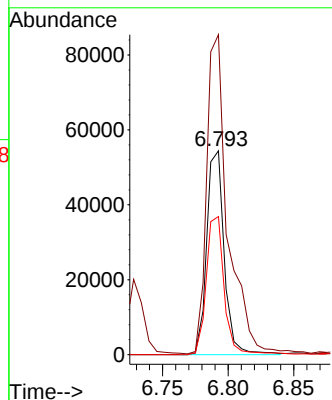
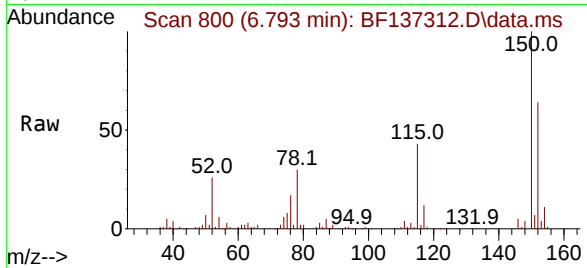




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF137312.D
 Acq: 07 Feb 2024 10:46

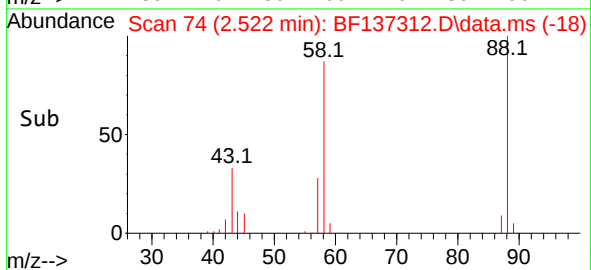
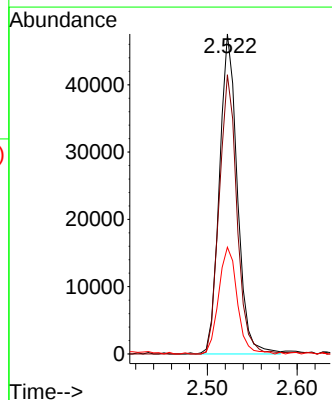
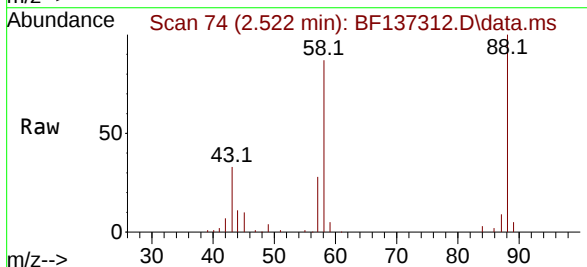
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 BNA_F
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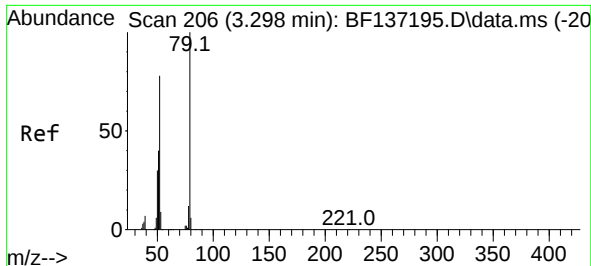
Tgt Ion:152 Resp: 50718
 Ion Ratio Lower Upper
 152 100
 150 157.0 129.8 194.8
 115 67.8 58.5 87.7



#2
 1,4-Dioxane
 Concen: 40.100 ng
 RT: 2.522 min Scan# 74
 Delta R.T. -0.023 min
 Lab File: BF137312.D
 Acq: 07 Feb 2024 10:46

Tgt Ion: 88 Resp: 65949
 Ion Ratio Lower Upper
 88 100
 58 86.2 67.8 101.8
 43 34.5 26.6 40.0

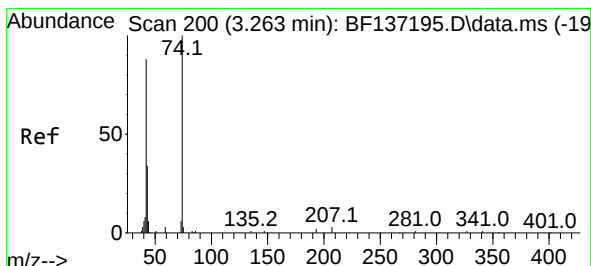
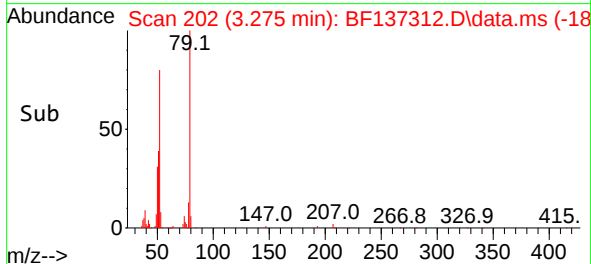
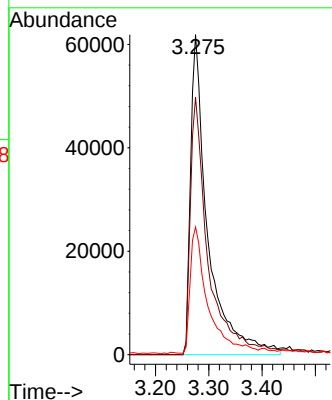
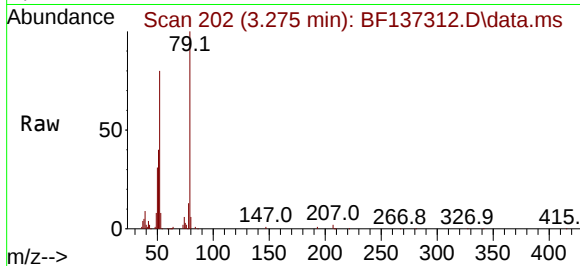




#3
Pyridine
Concen: 42.301 ng
RT: 3.275 min Scan# 20
Delta R.T. -0.023 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

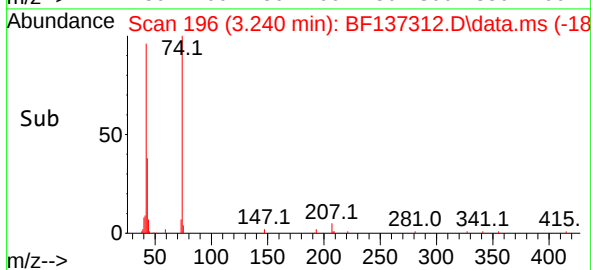
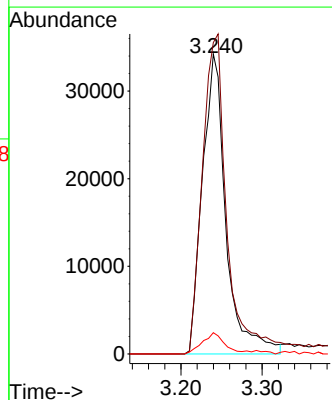
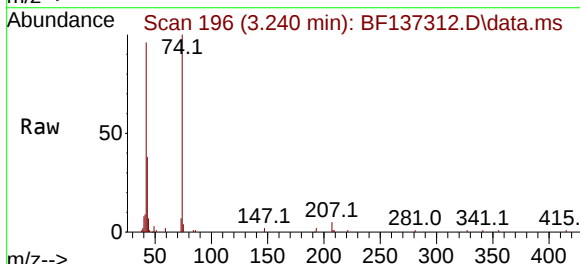
Instrument :
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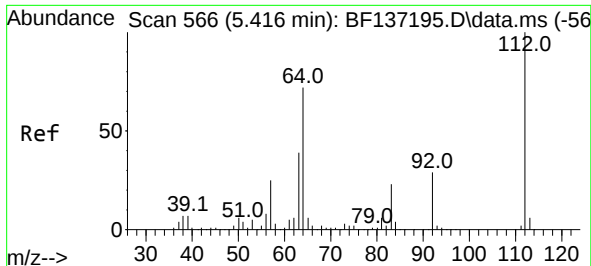
Tgt Ion: 79 Resp: 139569
Ion Ratio Lower Upper
79 100
52 80.5 62.6 94.0
51 39.9 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 42.072 ng
RT: 3.240 min Scan# 196
Delta R.T. -0.023 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 42 Resp: 69079
Ion Ratio Lower Upper
42 100
74 103.8 90.5 135.7
44 7.1 6.1 9.1

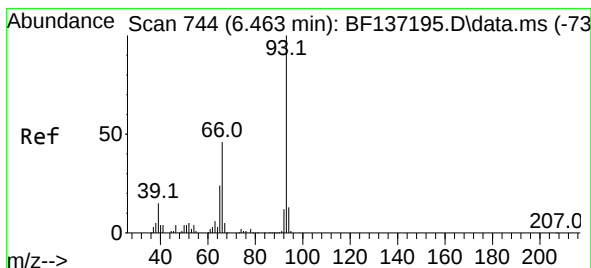
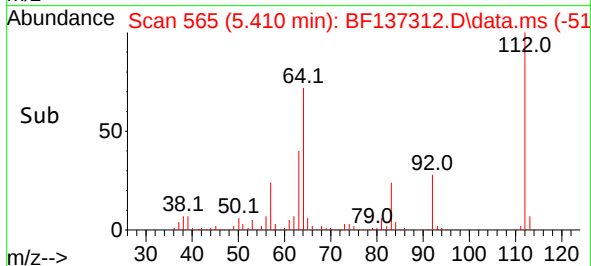
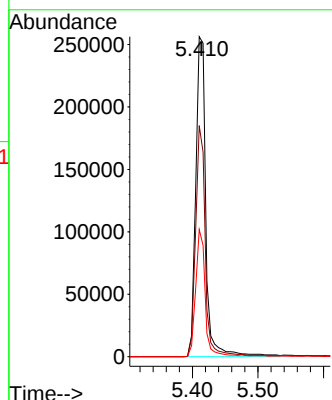
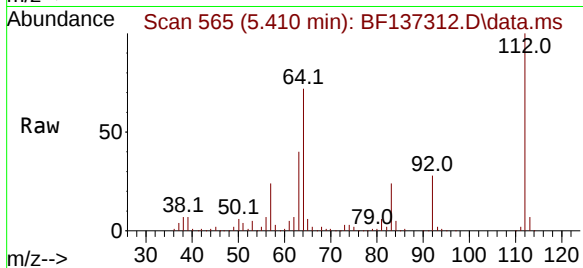




#5
2-Fluorophenol
Concen: 90.028 ng
RT: 5.410 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

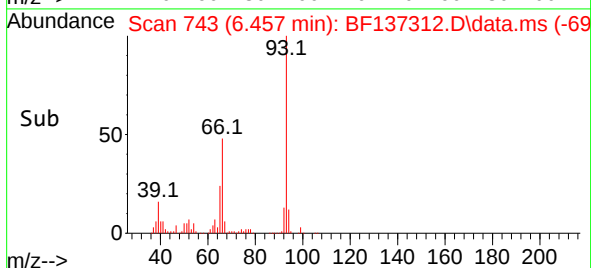
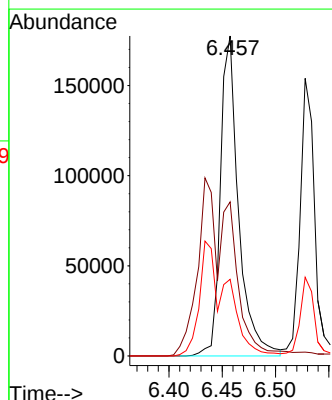
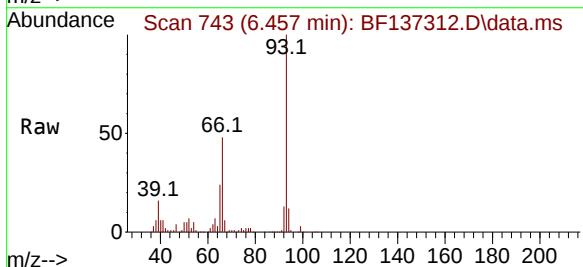
Instrument :
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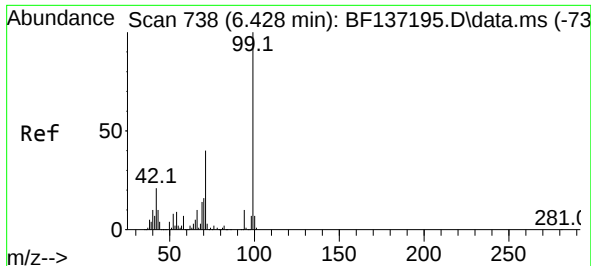
Tgt Ion:112 Resp: 276717
Ion Ratio Lower Upper
112 100
64 72.2 57.8 86.6
63 39.8 31.4 47.0



#6
Aniline
Concen: 44.580 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 93 Resp: 209329
Ion Ratio Lower Upper
93 100
66 48.2 37.9 56.9
65 23.9 19.0 28.4





#7

Phenol-d6

Concen: 84.292 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

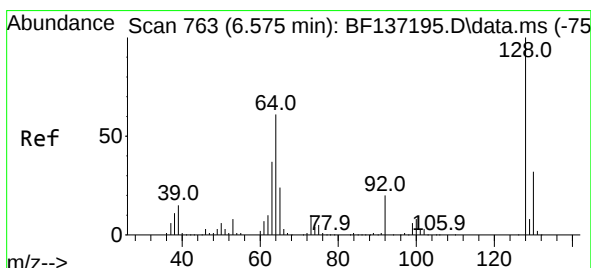
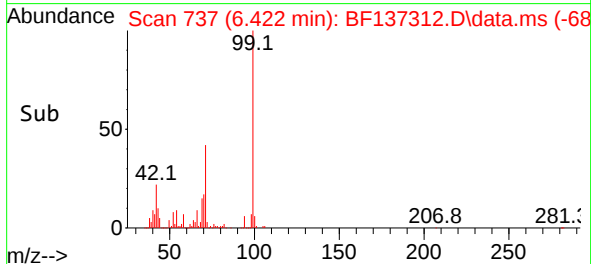
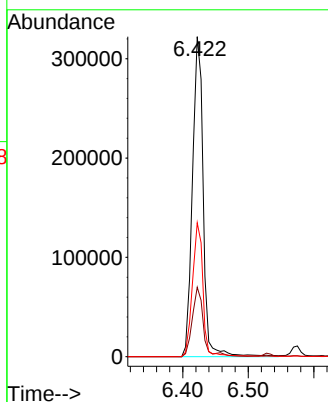
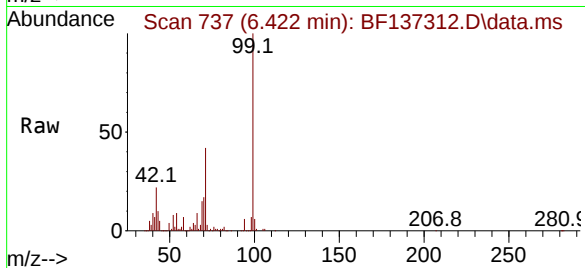
Tgt Ion: 99 Resp: 369740

Ion Ratio Lower Upper

99 100

42 21.7 16.4 24.6

71 41.9 32.4 48.6



#8

2-Chlorophenol

Concen: 42.491 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

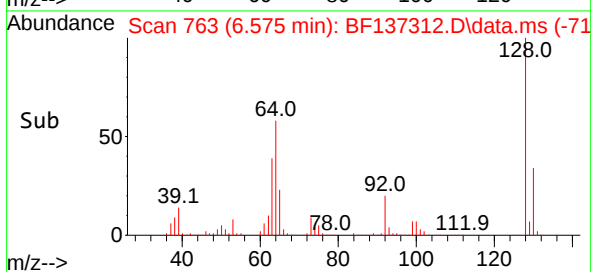
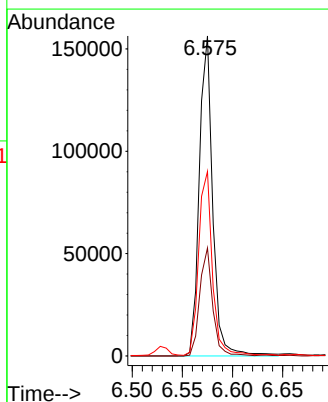
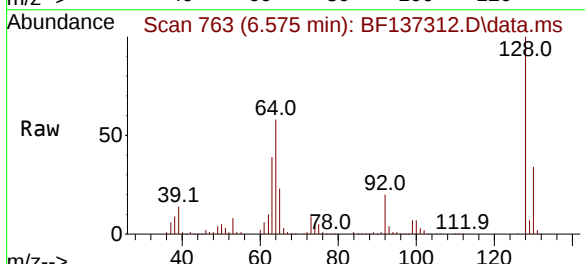
Tgt Ion:128 Resp: 146030

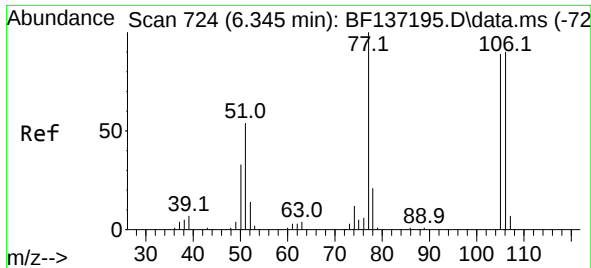
Ion Ratio Lower Upper

128 100

130 33.7 12.4 52.4

64 57.7 41.6 81.6



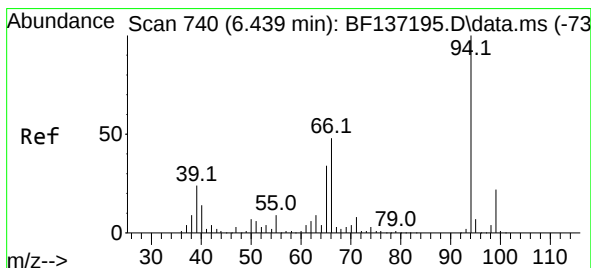
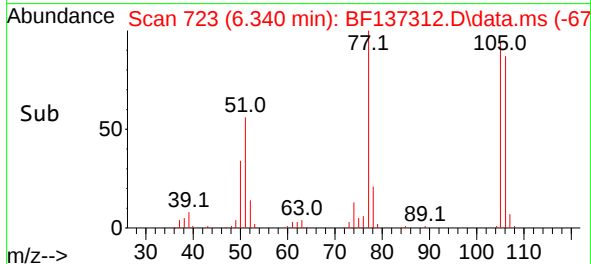
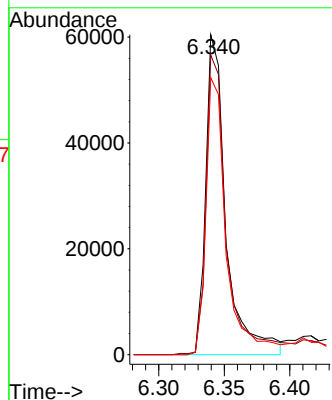
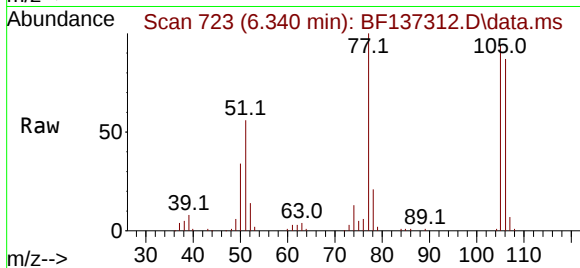


#9
Benzaldehyde
Concen: 39.169 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.005 min
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Instrument :
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Tgt Ion: 77 Resp: 65431

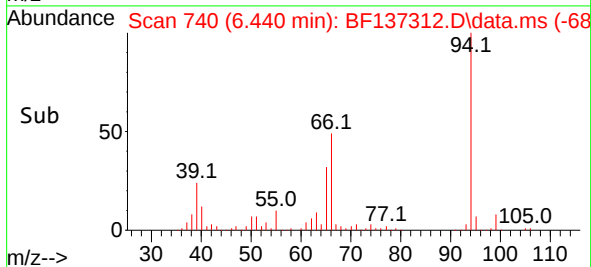
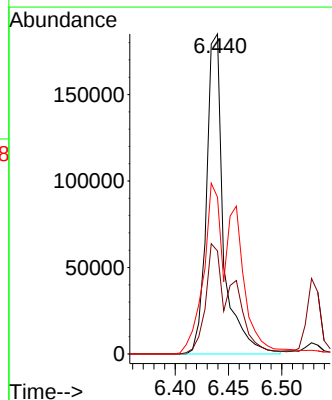
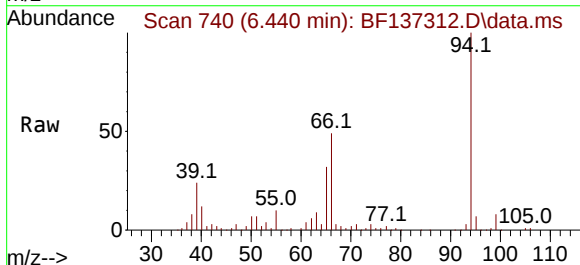
Ion	Ratio	Lower	Upper
77	100		
105	93.6	69.1	109.1
106	86.5	69.6	109.6

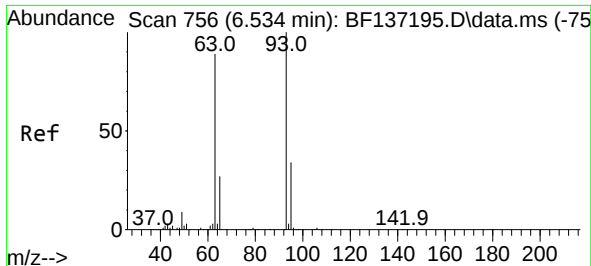


#10
Phenol
Concen: 42.198 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.001 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 94 Resp: 206613

Ion	Ratio	Lower	Upper
94	100		
65	32.2	13.7	53.7
66	49.0	27.8	67.8

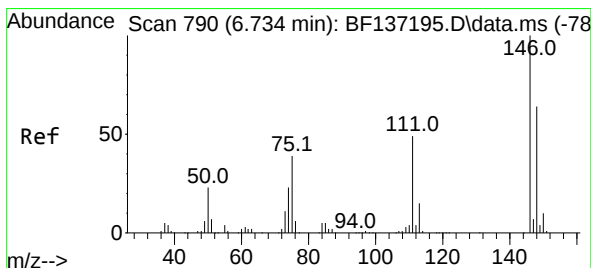
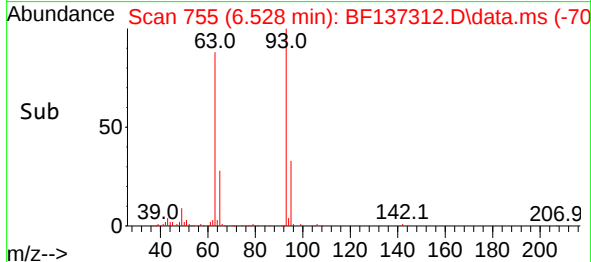
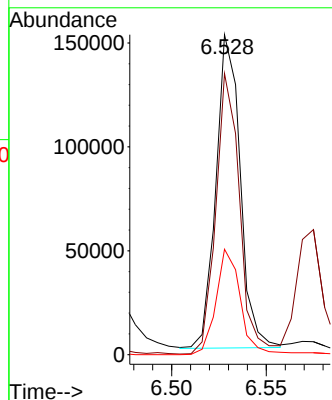
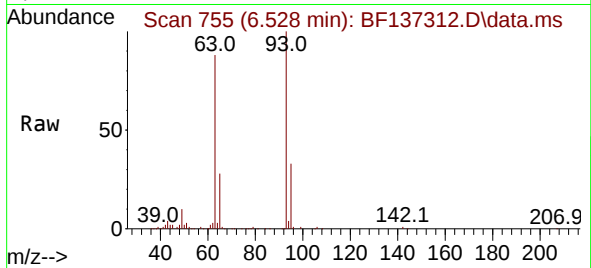




#11
bis(2-Chloroethyl)ether
Concen: 41.094 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

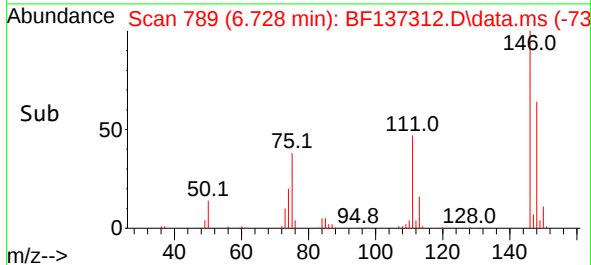
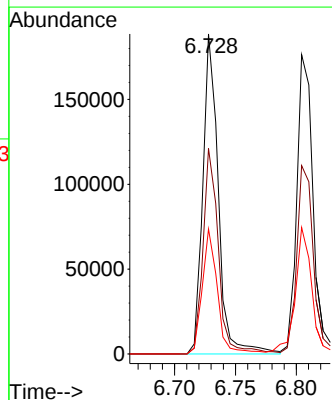
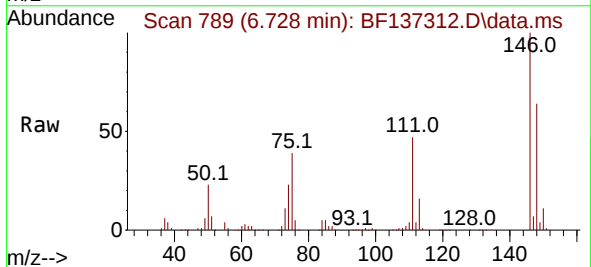
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

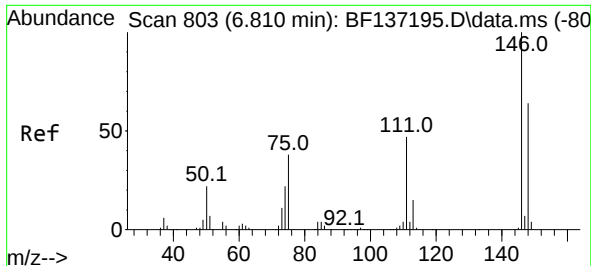
Tgt Ion: 93 Resp: 134463
Ion Ratio Lower Upper
93 100
63 87.9 66.7 106.7
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.350 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 146 Resp: 166616
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 39.0 31.3 46.9

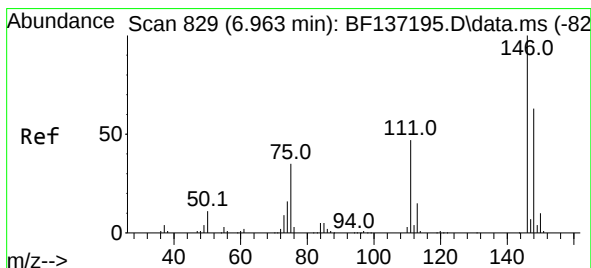
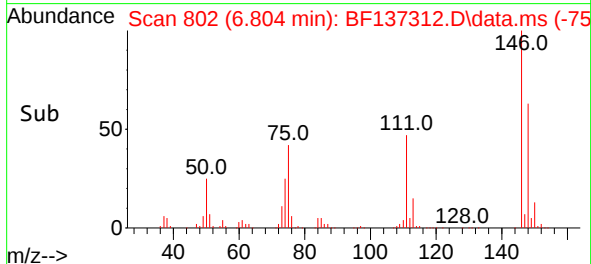
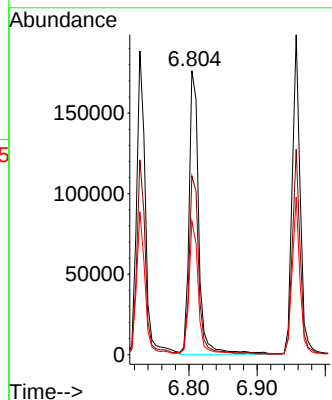
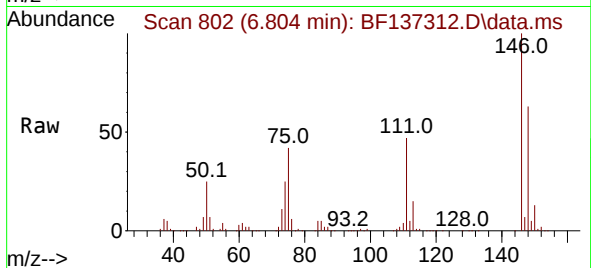




#13
1,4-Dichlorobenzene
Concen: 41.164 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

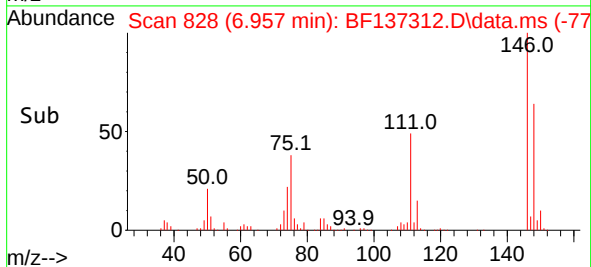
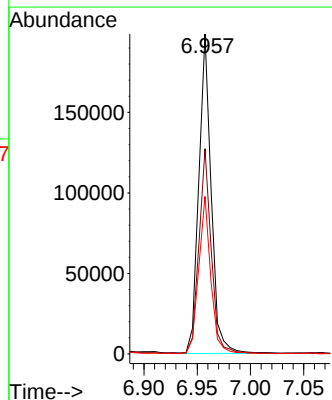
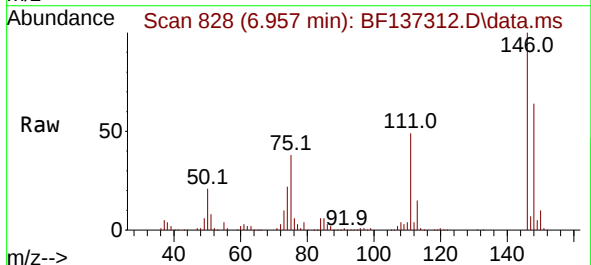
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

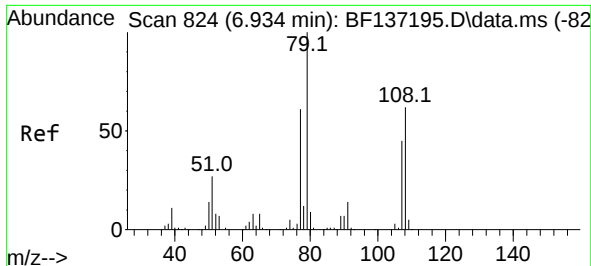
Tgt Ion:146 Resp: 171543
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 46.9 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 41.405 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:146 Resp: 161330
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
111 49.3 37.3 55.9

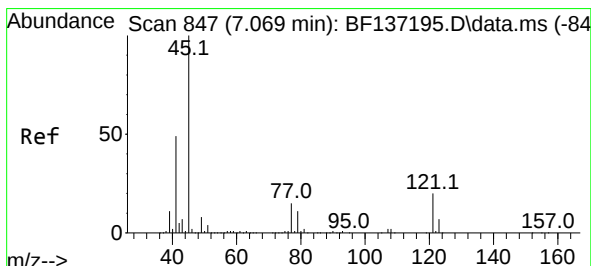
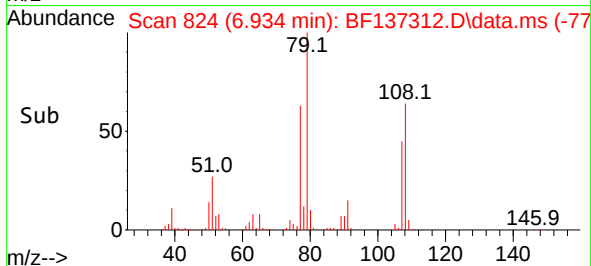
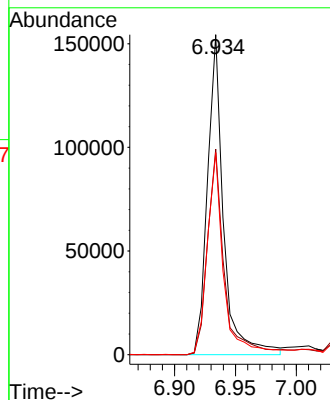
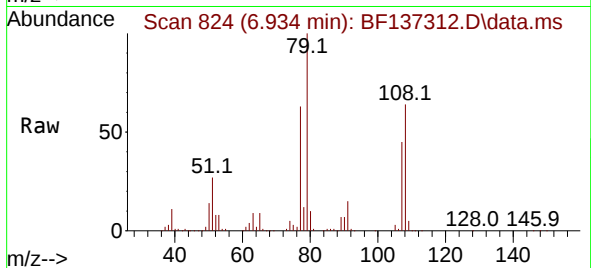




#15
Benzyl Alcohol
Concen: 45.155 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

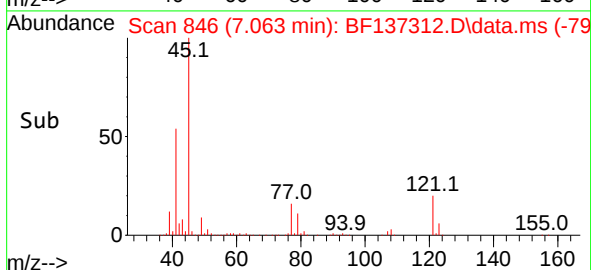
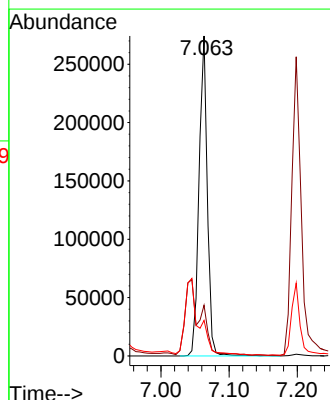
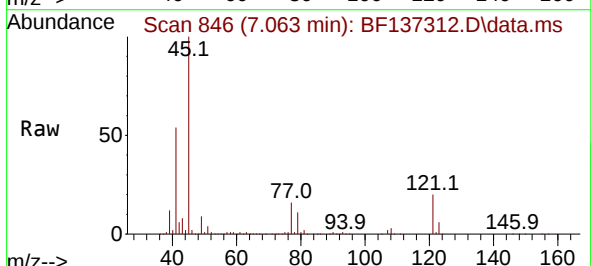
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

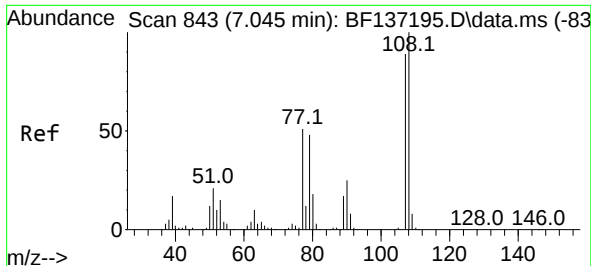
Tgt Ion: 79 Resp: 140717
Ion Ratio Lower Upper
79 100
108 64.2 49.3 73.9
77 63.2 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.274 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 45 Resp: 231490
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.9
79 11.1 0.0 32.4

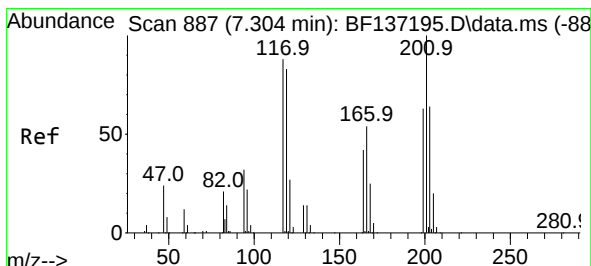
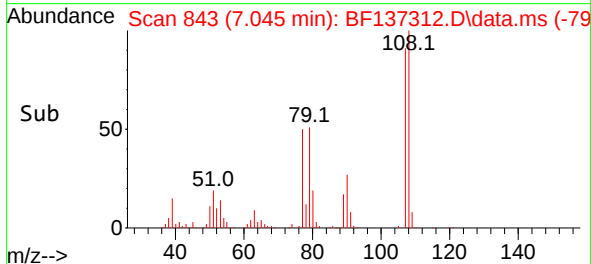
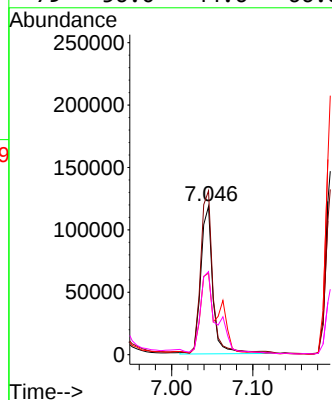
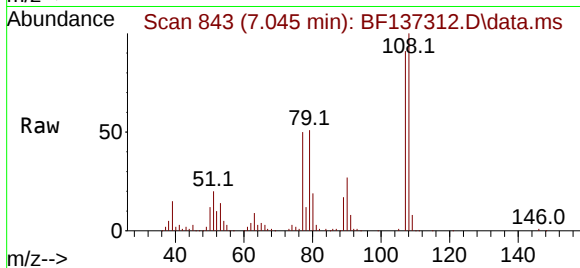




#17
2-Methylphenol
Concen: 42.585 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

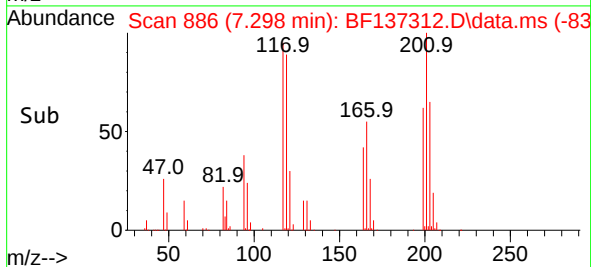
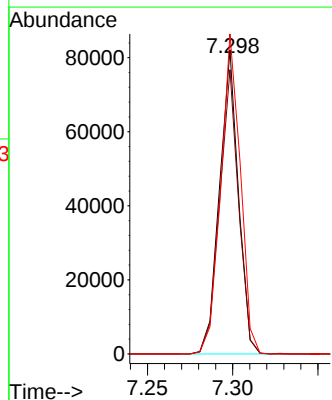
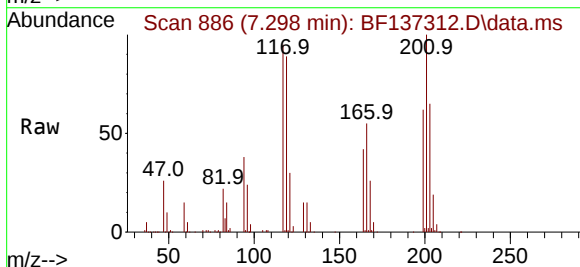
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

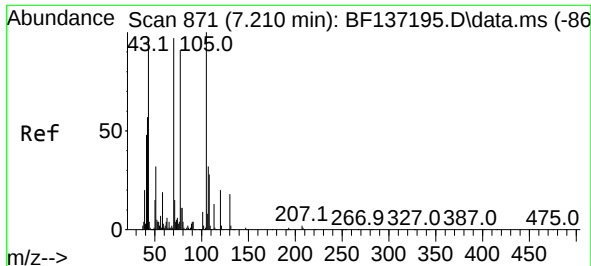
Tgt Ion:	107	Resp:	122270
Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.9	134.9
77	55.0	46.6	69.8
79	56.0	44.6	66.8



#18
Hexachloroethane
Concen: 42.064 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:	117	Resp:	63221
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.2	114.4
201	105.2	91.4	137.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.564 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 121998

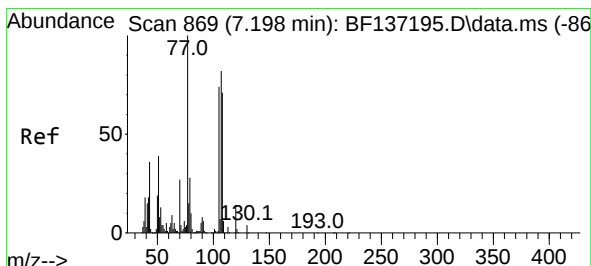
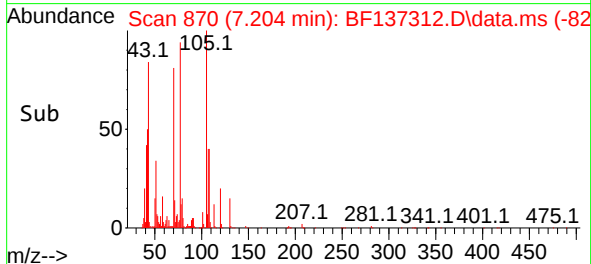
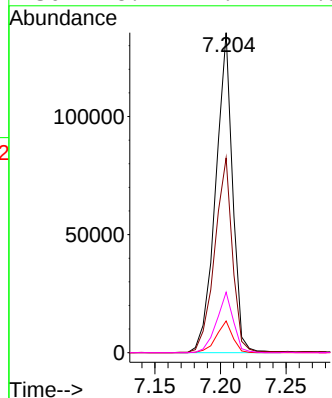
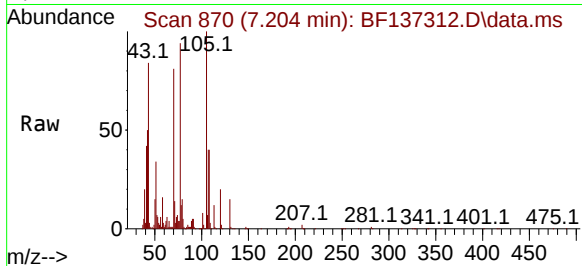
Ion Ratio Lower Upper

70 100

42 60.8 47.2 70.8

101 9.9 7.4 11.0

130 18.9 14.9 22.3



#20

3+4-Methylphenols

Concen: 43.640 ng

RT: 7.198 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Tgt Ion: 107 Resp: 158618

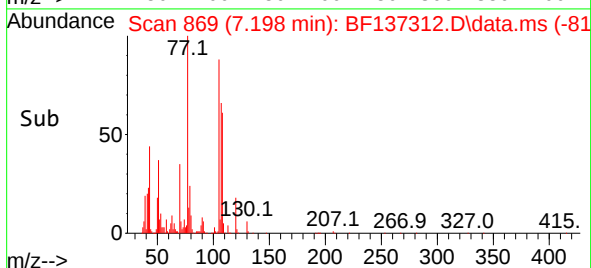
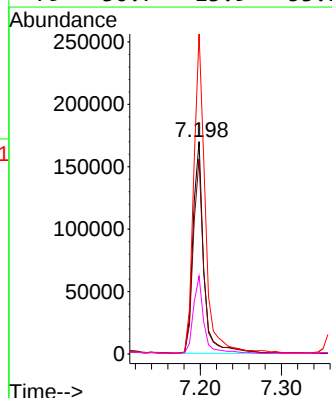
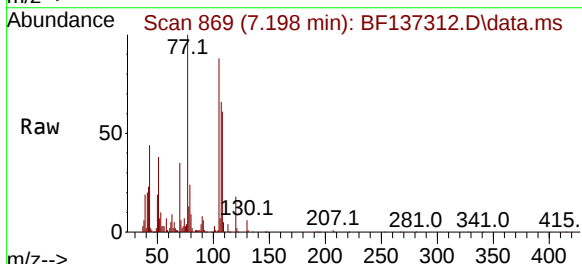
Ion Ratio Lower Upper

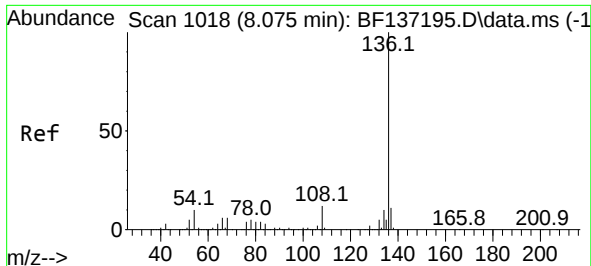
107 100

108 91.9 66.3 106.3

77 150.7 101.4 141.4#

79 36.7 13.9 53.9



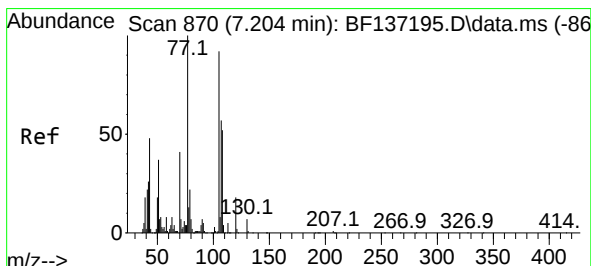
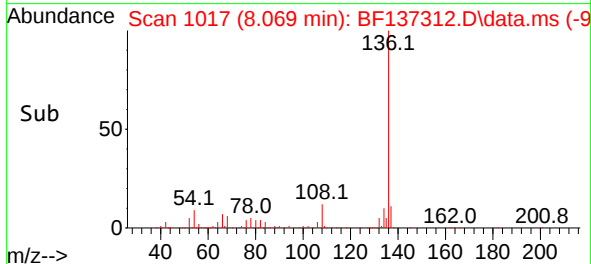
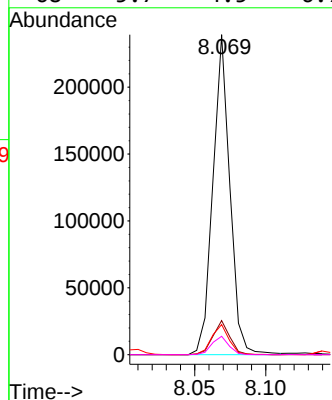
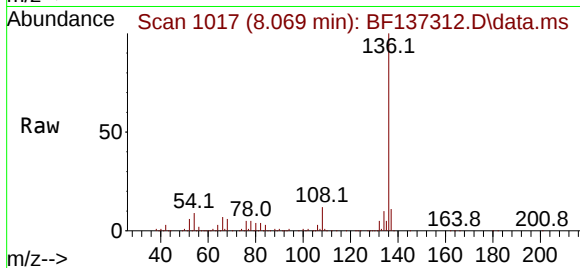


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 199677

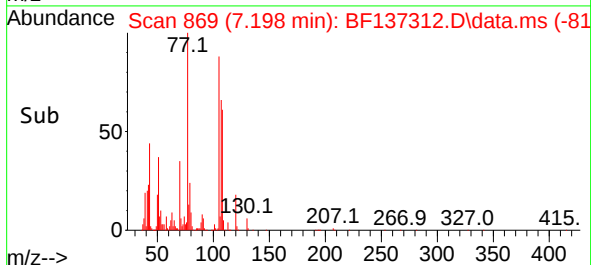
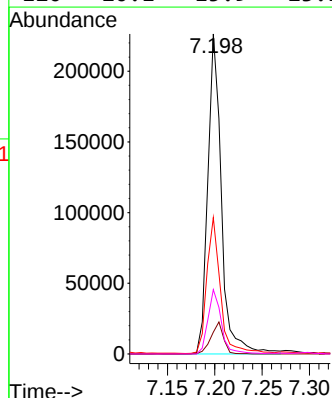
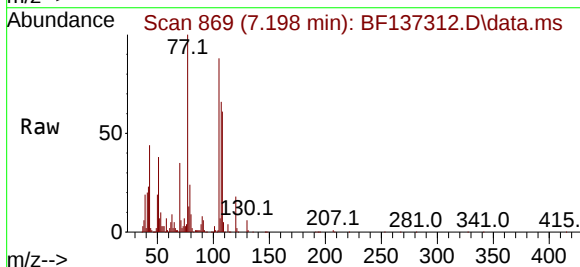
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	7.8	11.8
68	5.7	4.5	6.7

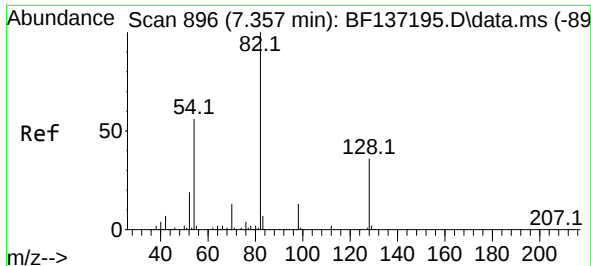


#22
Acetophenone
Concen: 42.222 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:105 Resp: 226968

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.7	8.5
51	42.6	32.2	48.4
120	20.1	15.9	23.9

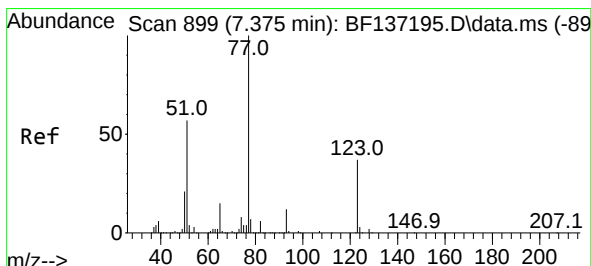
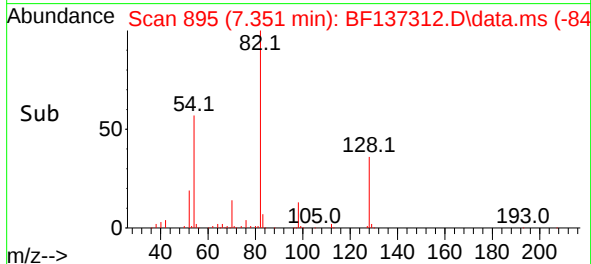
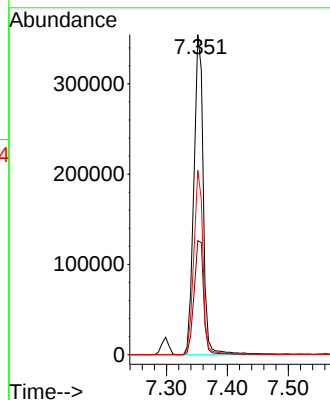
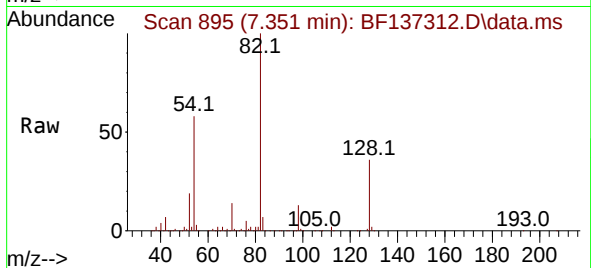




#23
Nitrobenzene-d5
Concen: 85.873 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

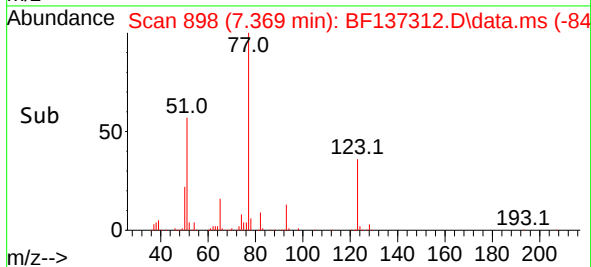
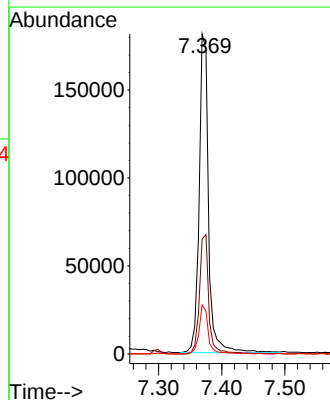
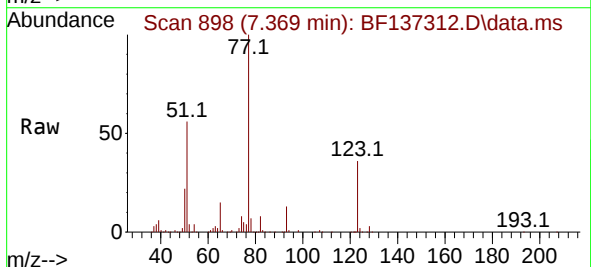
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

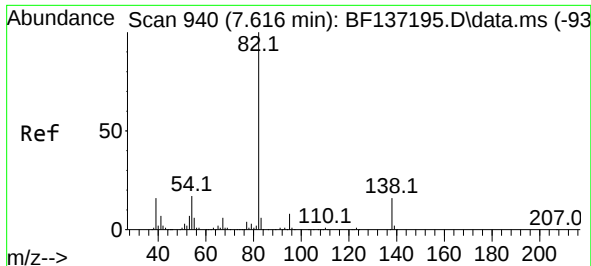
Tgt Ion: 82 Resp: 382983
Ion Ratio Lower Upper
82 100
128 35.6 29.1 43.7
54 57.6 45.0 67.6



#24
Nitrobenzene
Concen: 42.957 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 77 Resp: 185949
Ion Ratio Lower Upper
77 100
123 35.9 29.3 43.9
65 15.3 12.0 18.0

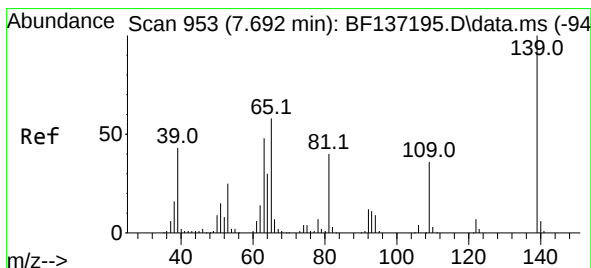
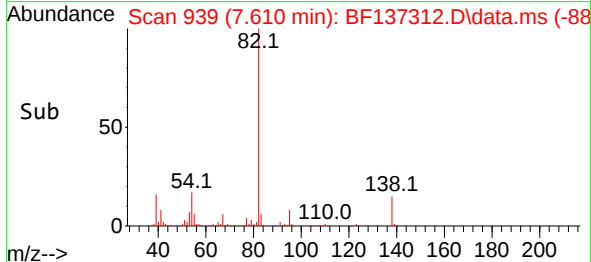
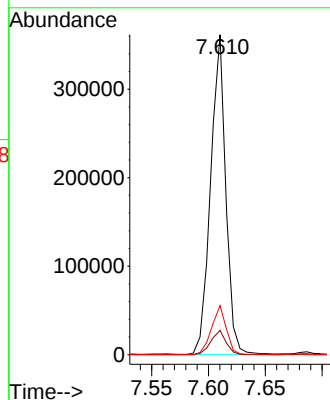
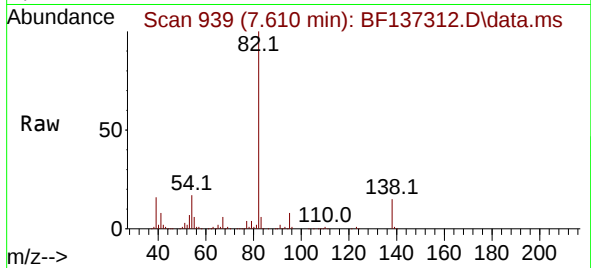




#25
Isophorone
Concen: 40.632 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

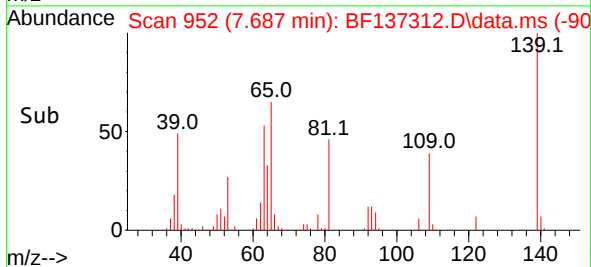
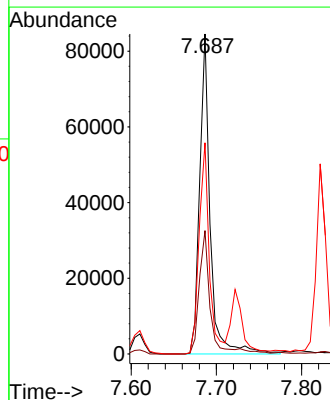
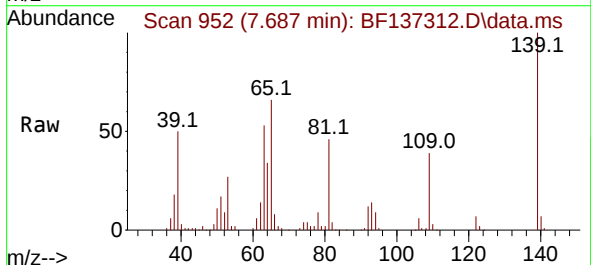
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

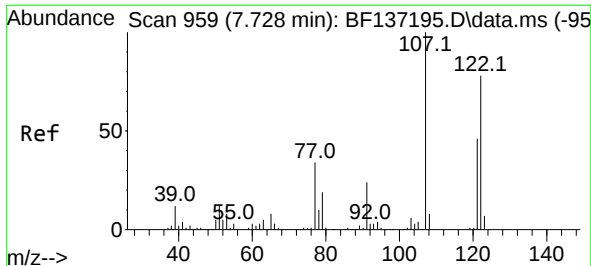
Tgt Ion: 82 Resp: 334488
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 15.3 12.7 19.1



#26
2-Nitrophenol
Concen: 43.538 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 139 Resp: 72562
Ion Ratio Lower Upper
139 100
109 38.6 28.5 42.7
65 66.0 46.7 70.1

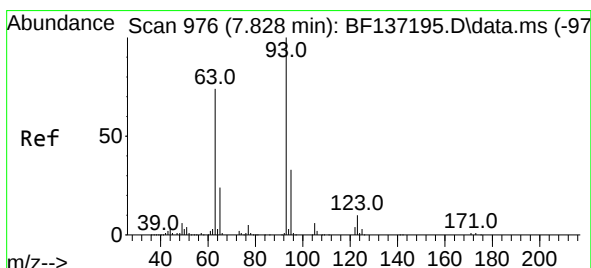
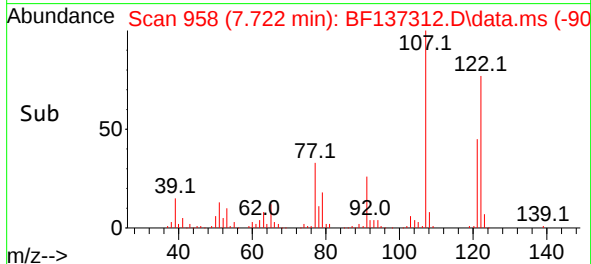
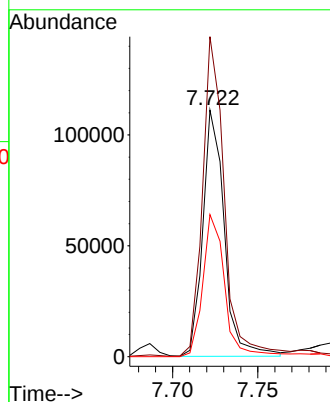
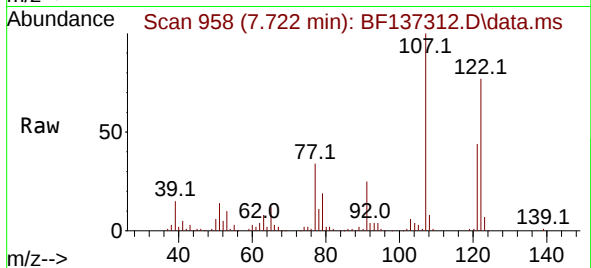




#27
2,4-Dimethylphenol
Concen: 41.299 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

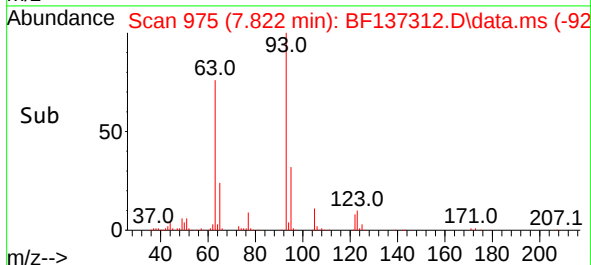
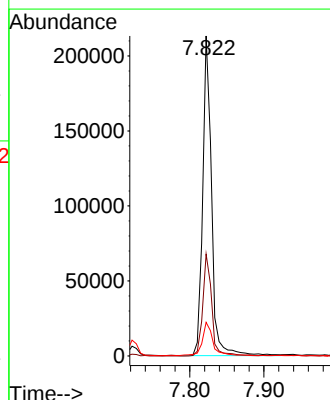
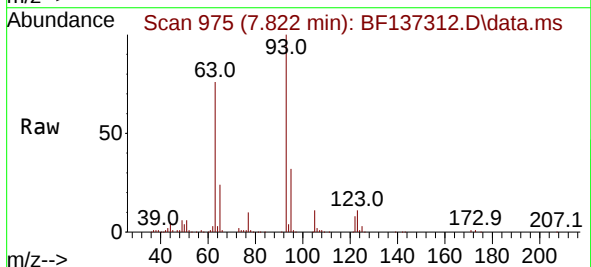
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

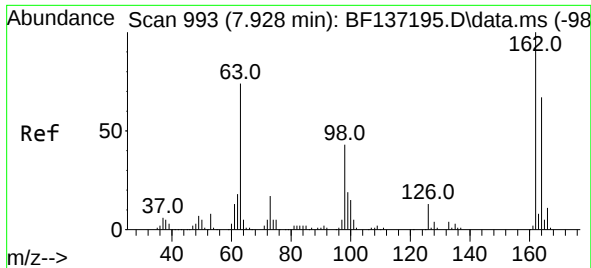
Tgt Ion:122 Resp: 97175
Ion Ratio Lower Upper
122 100
107 129.8 101.8 152.6
121 57.6 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.464 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 93 Resp: 176891
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 10.5 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 43.100 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

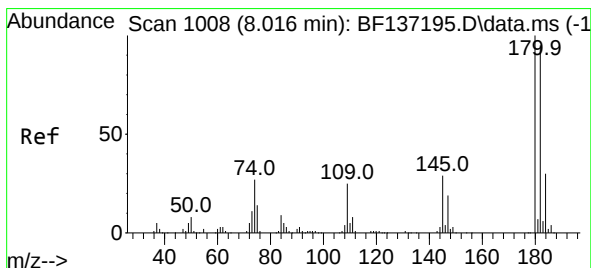
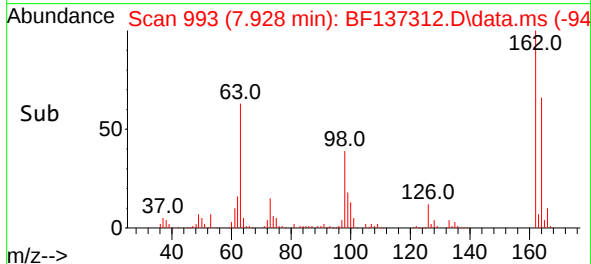
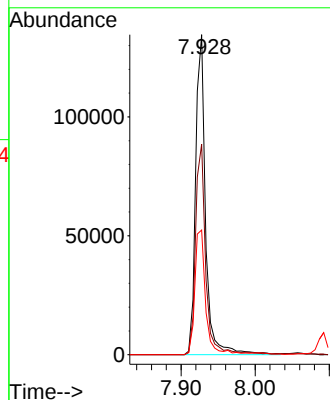
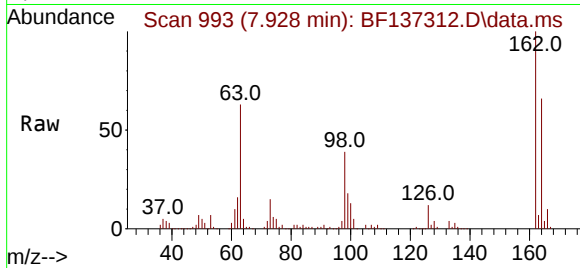
Tgt Ion:162 Resp: 125808

Ion Ratio Lower Upper

162 100

164 65.8 46.7 86.7

98 39.0 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 41.133 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

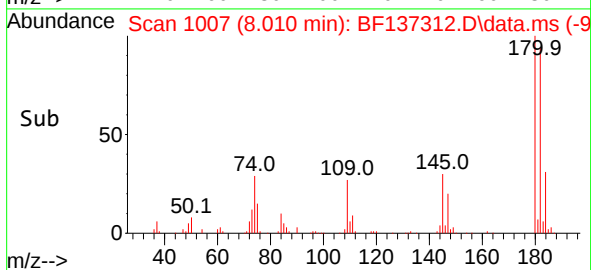
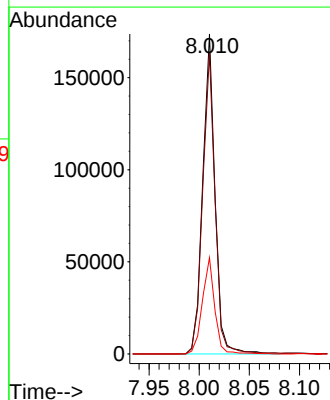
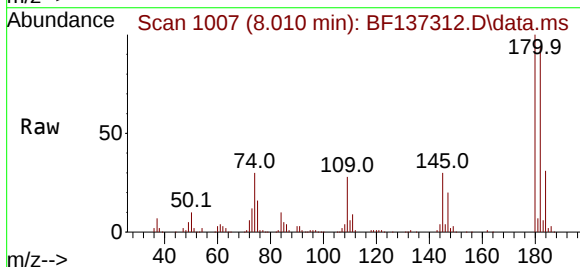
Tgt Ion:180 Resp: 149138

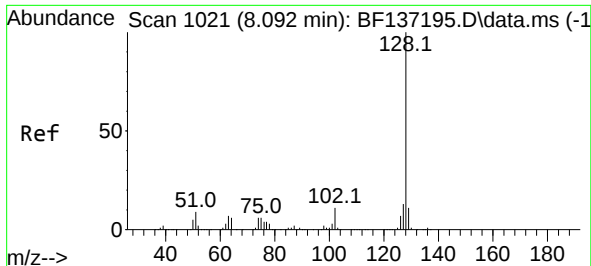
Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

145 30.1 23.2 34.8

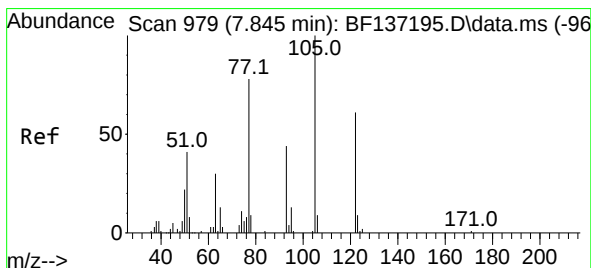
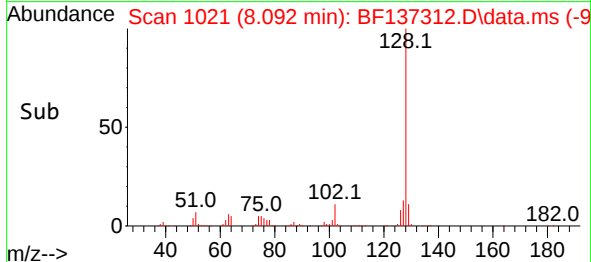
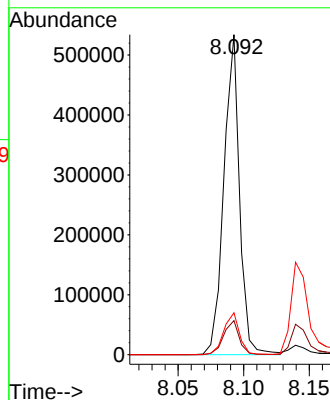
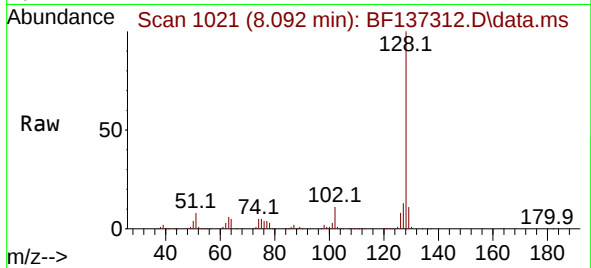




#31
Naphthalene
Concen: 40.914 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

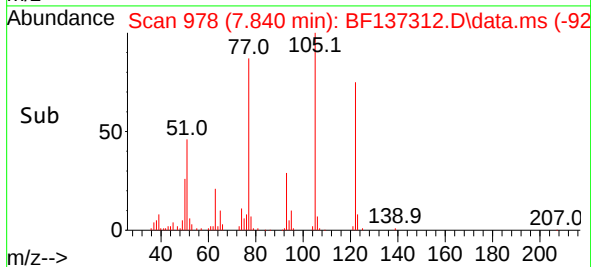
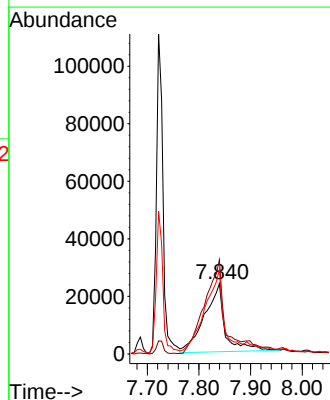
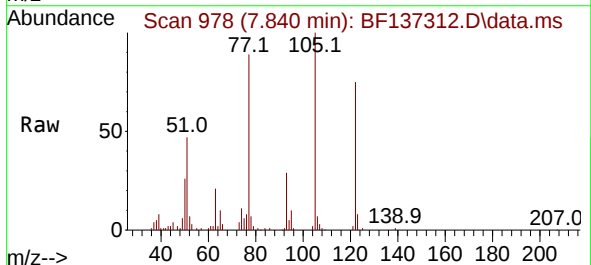
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

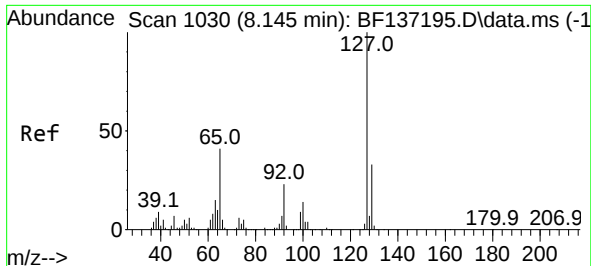
Tgt Ion:128 Resp: 441656
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 41.312 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.005 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:122 Resp: 65841
Ion Ratio Lower Upper
122 100
105 134.0 122.5 162.5
77 119.6 96.4 136.4



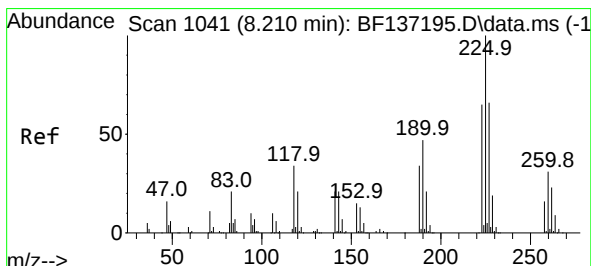
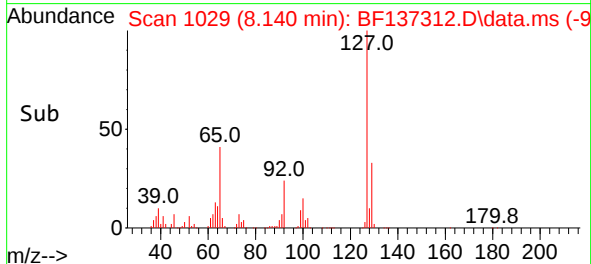
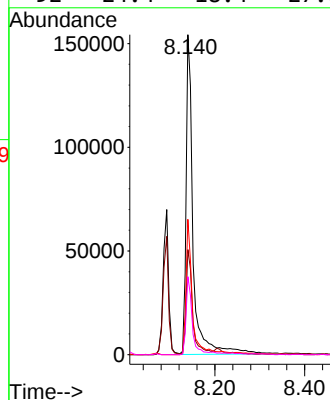
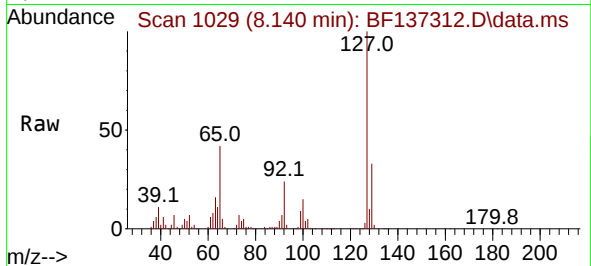


#33
4-Chloroaniline
Concen: 45.175 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 167741

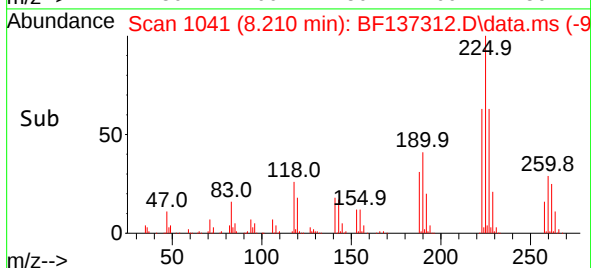
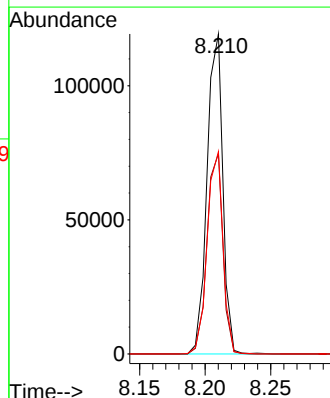
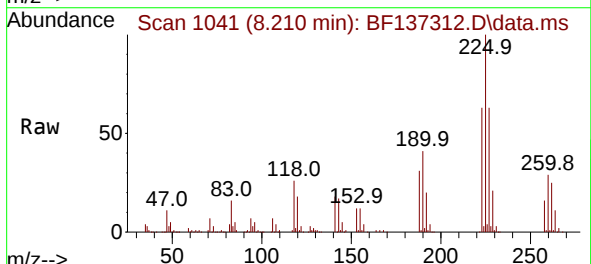
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	42.3	32.9	49.3
92	24.4	18.4	27.6

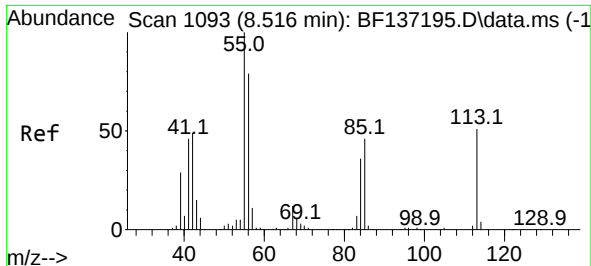


#34
Hexachlorobutadiene
Concen: 41.407 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:225 Resp: 99825

Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.0	78.0
227	63.3	52.9	79.3

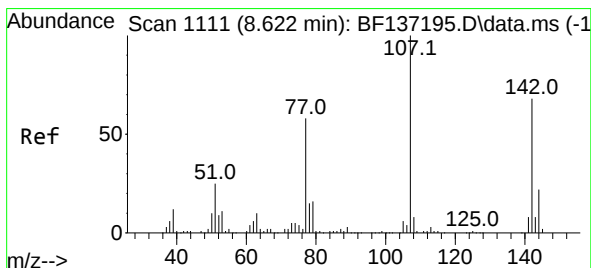
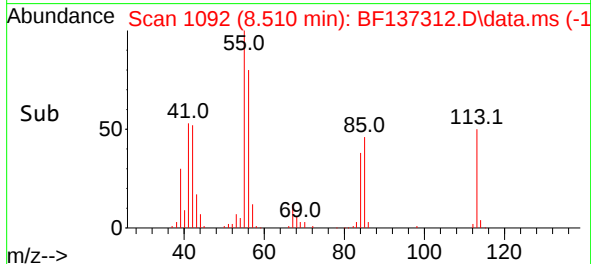
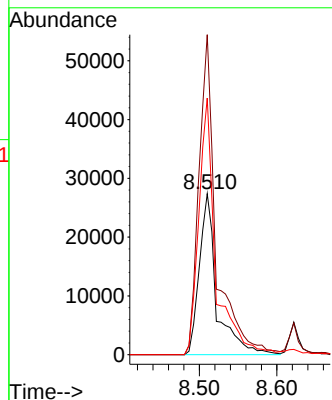
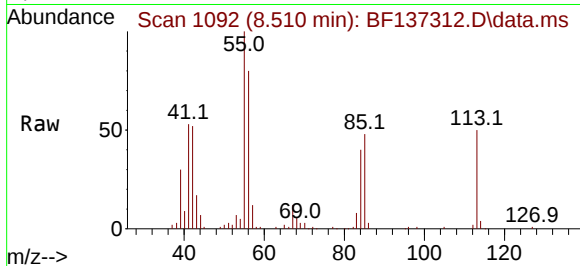




#35
Caprolactam
Concen: 47.310 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

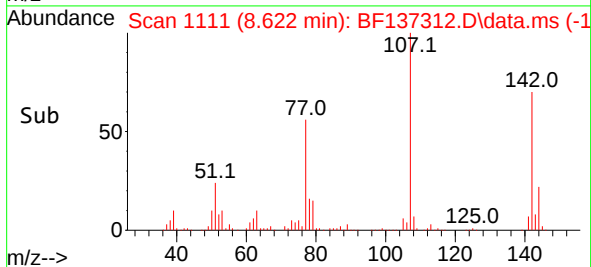
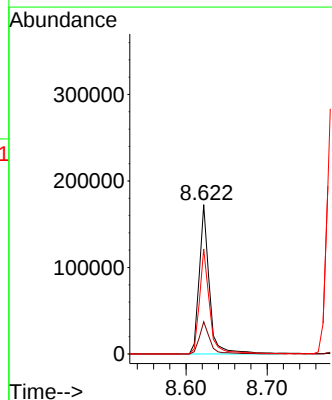
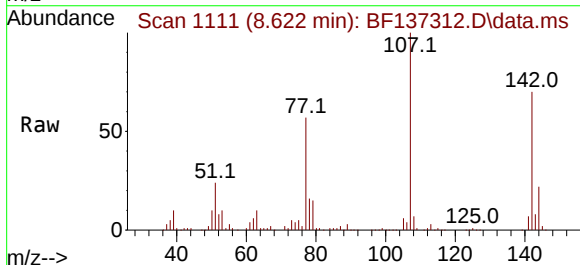
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

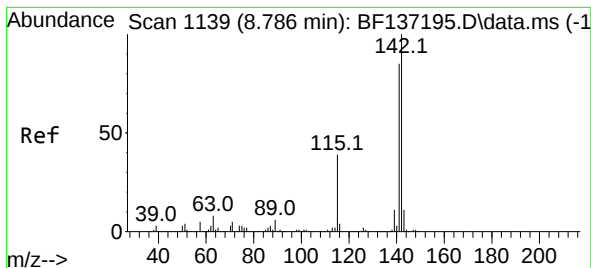
Tgt Ion:113 Resp: 42940
Ion Ratio Lower Upper
113 100
55 198.9 176.0 216.0
56 159.5 134.0 174.0



#36
4-Chloro-3-methylphenol
Concen: 43.732 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:107 Resp: 150771
Ion Ratio Lower Upper
107 100
144 21.6 17.2 25.8
142 70.3 54.6 82.0

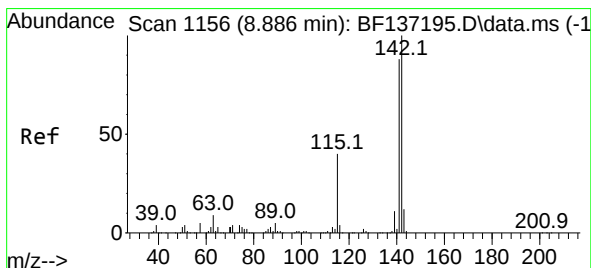
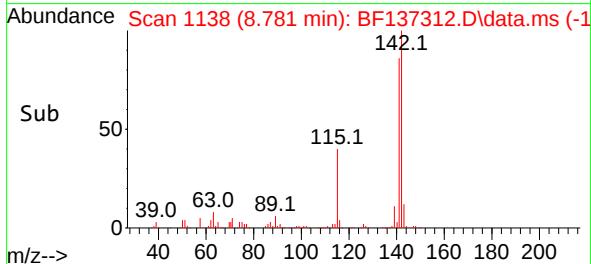
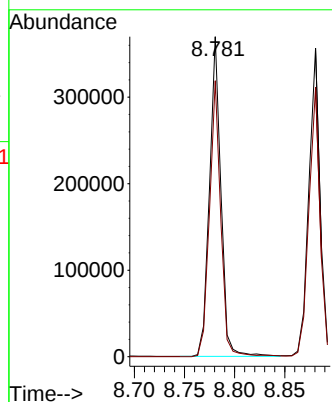
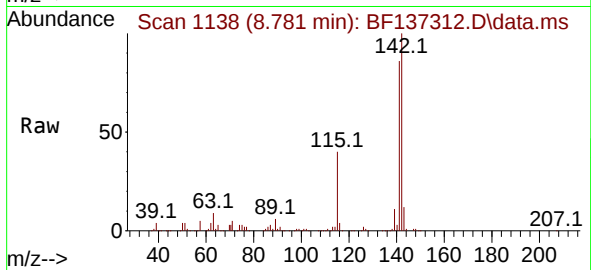




#37
2-Methylnaphthalene
Concen: 40.742 ng
RT: 8.781 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

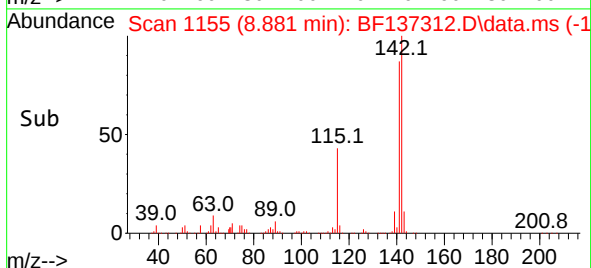
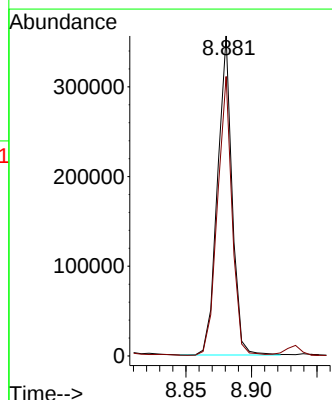
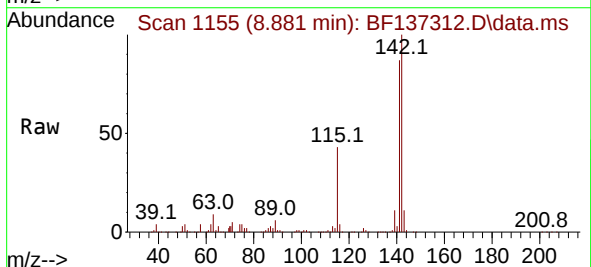
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

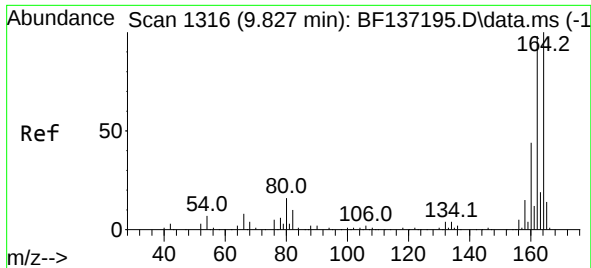
Tgt Ion:142 Resp: 294853
Ion Ratio Lower Upper
142 100
141 86.2 67.8 101.8



#38
1-Methylnaphthalene
Concen: 40.887 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:142 Resp: 274834
Ion Ratio Lower Upper
142 100
141 87.3 70.6 105.8

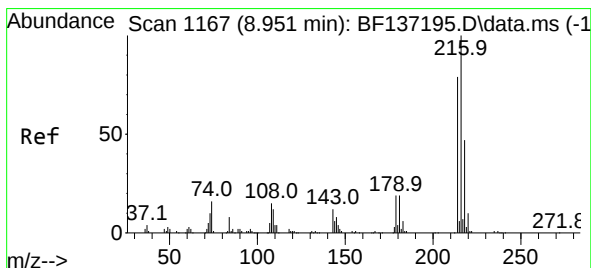
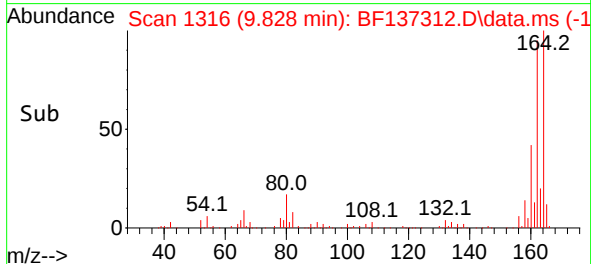
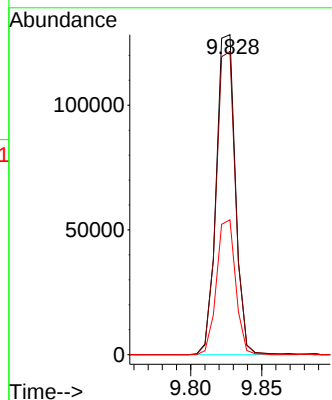
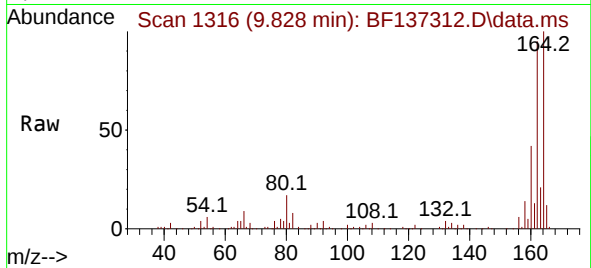




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. 0.001 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

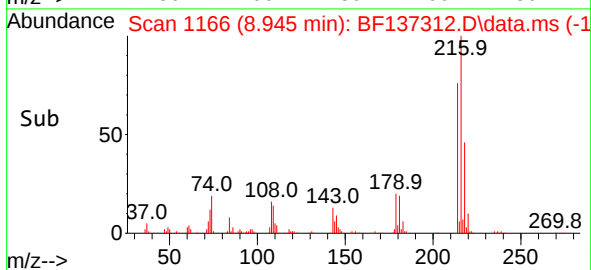
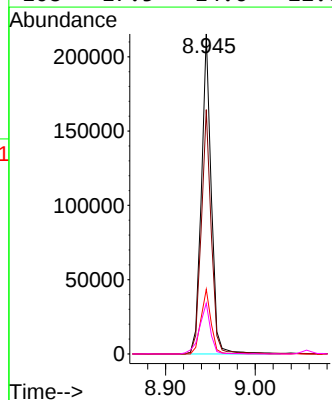
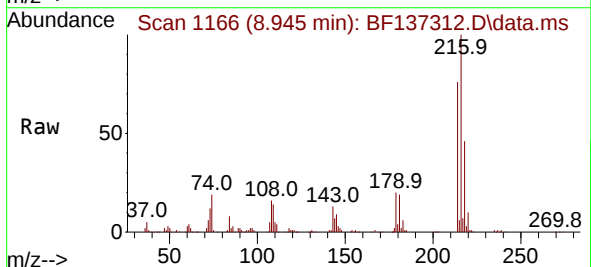
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

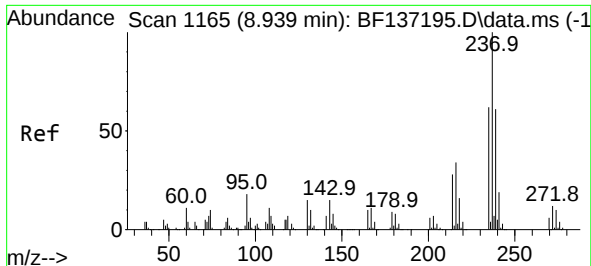
Tgt Ion:164 Resp: 120197
Ion Ratio Lower Upper
164 100
162 94.8 78.3 117.5
160 42.1 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.999 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:216 Resp: 164896
Ion Ratio Lower Upper
216 100
214 77.1 63.9 95.9
179 20.8 16.2 24.2
108 17.5 14.6 22.0

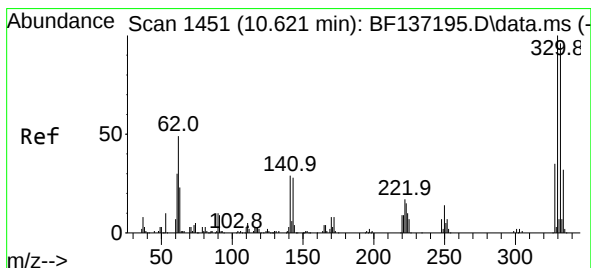
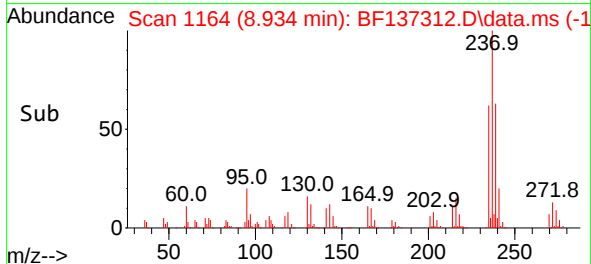
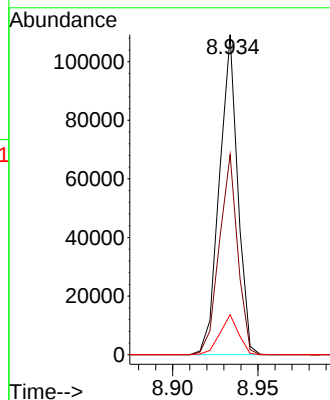
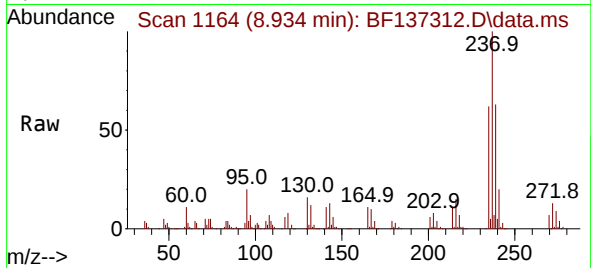




#41
Hexachlorocyclopentadiene
Concen: 42.591 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

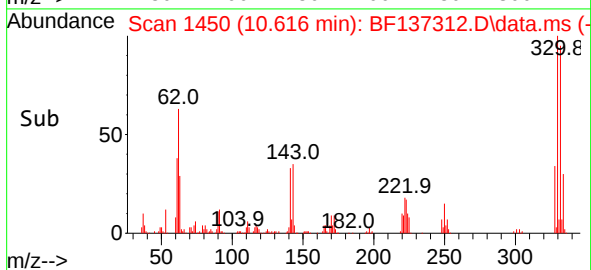
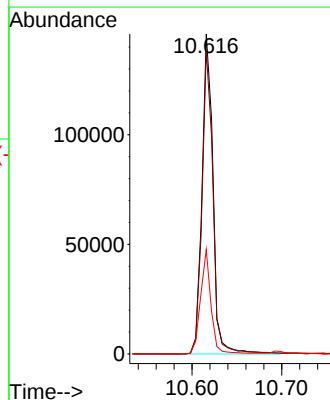
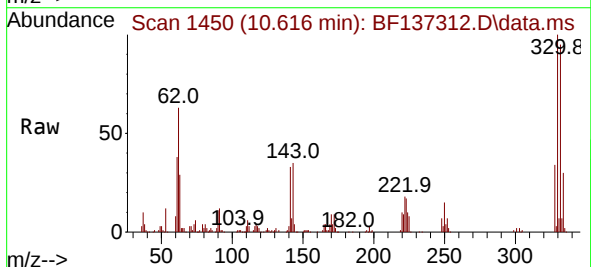
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

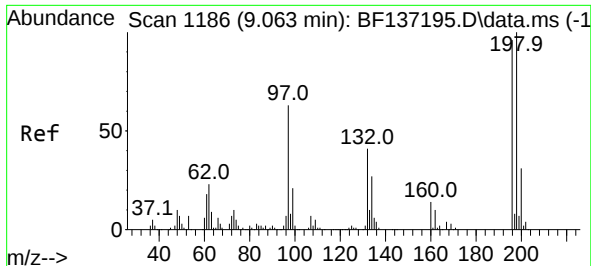
Tgt Ion:237 Resp: 81587
Ion Ratio Lower Upper
237 100
235 62.5 41.6 81.6
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 91.848 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:330 Resp: 124679
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 30.9 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 43.363 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

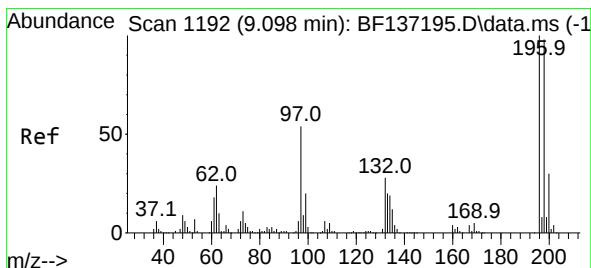
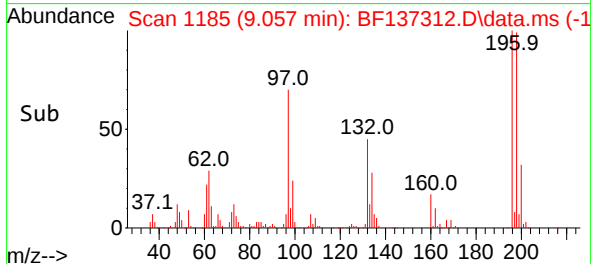
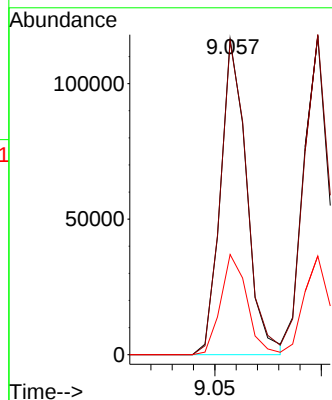
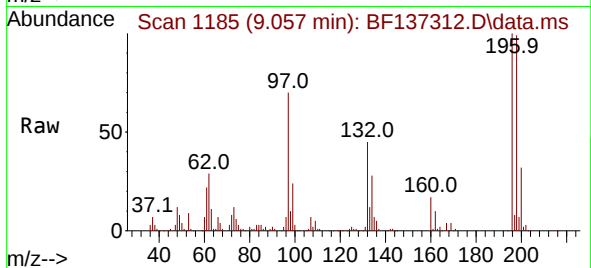
Tgt Ion:196 Resp: 98921

Ion Ratio Lower Upper

196 100

198 99.3 83.0 124.6

200 31.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.445 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Tgt Ion:196 Resp: 110824

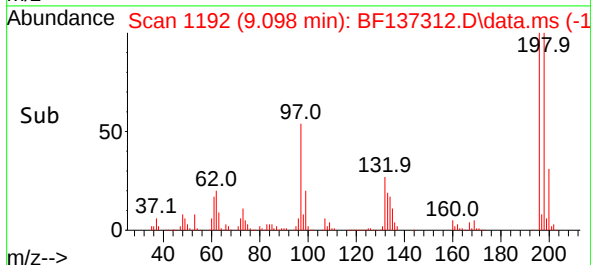
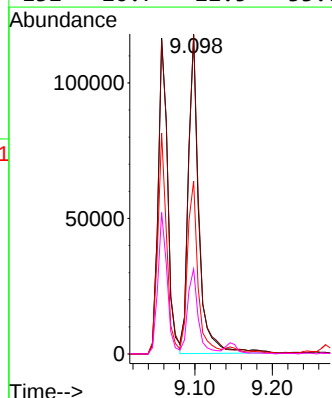
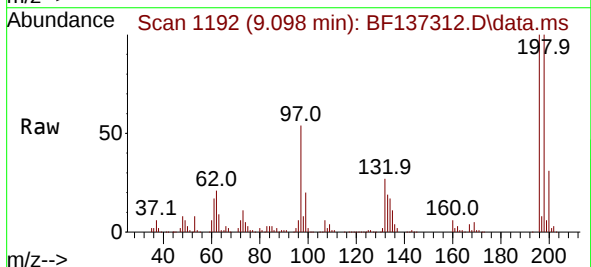
Ion Ratio Lower Upper

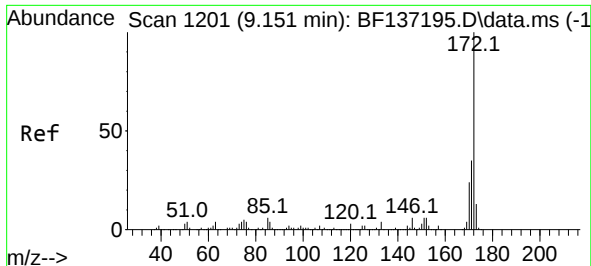
196 100

198 100.5 78.2 117.4

97 54.3 44.2 66.2

132 26.7 22.5 33.7

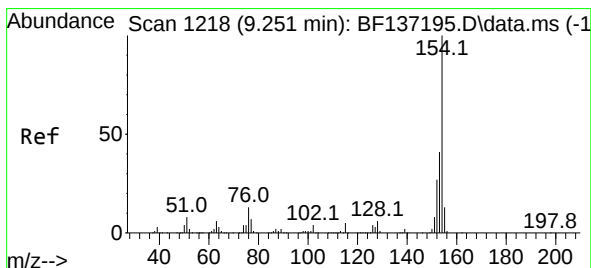
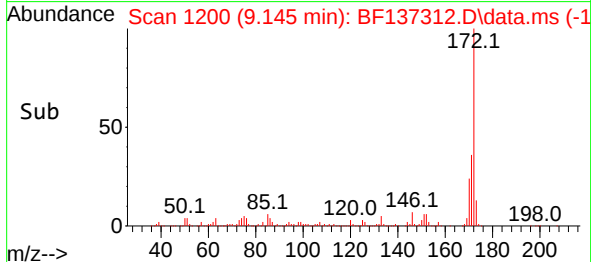
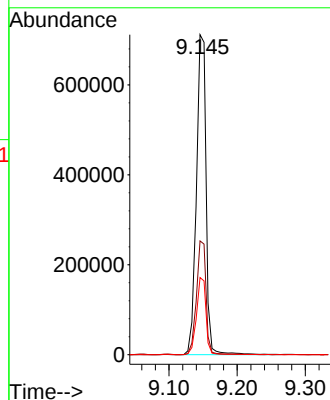
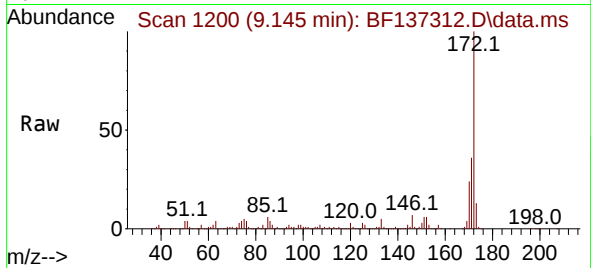




#45
2-Fluorobiphenyl
Concen: 80.228 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

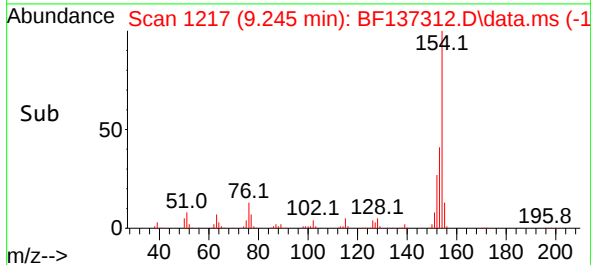
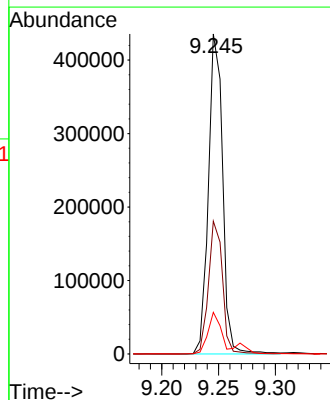
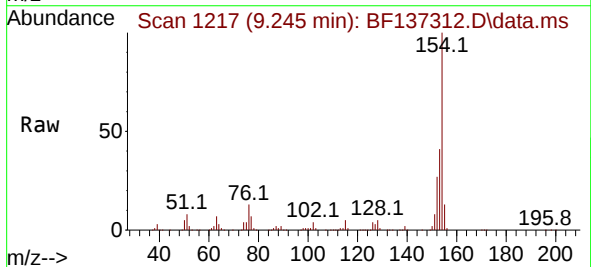
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

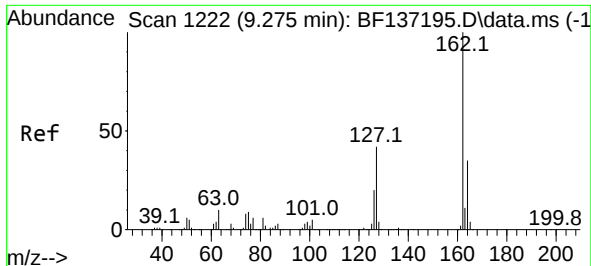
Tgt Ion:172 Resp: 701491
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.544 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:154 Resp: 378172
Ion Ratio Lower Upper
154 100
153 41.5 21.2 61.2
76 13.0 0.0 33.0

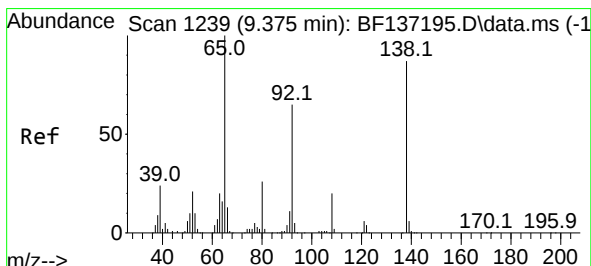
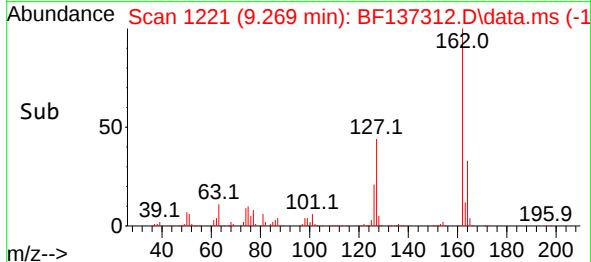
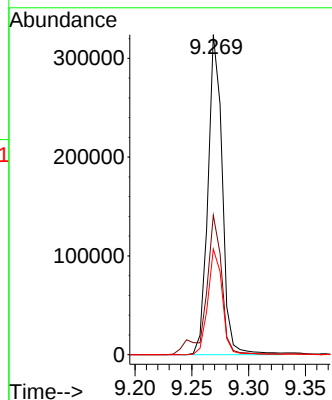
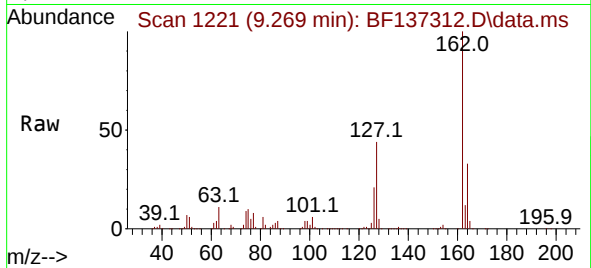




#47
2-Chloronaphthalene
Concen: 40.086 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

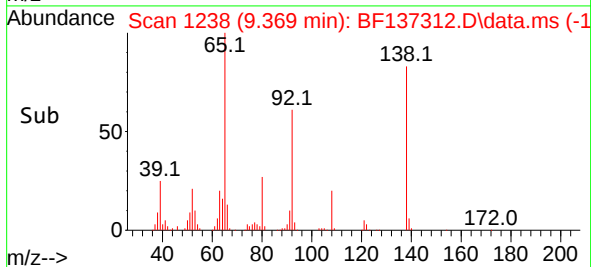
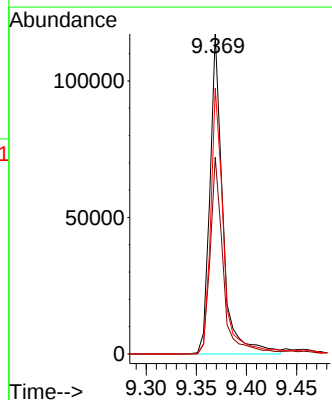
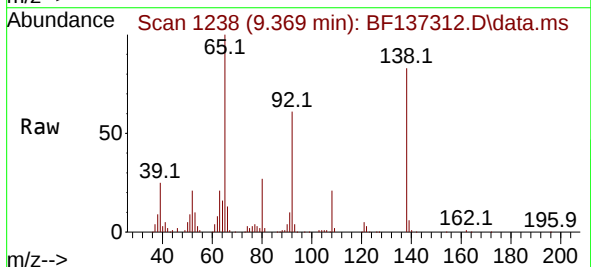
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

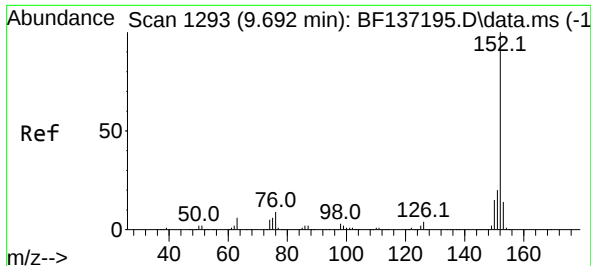
Tgt Ion:162 Resp: 283705
Ion Ratio Lower Upper
162 100
127 43.6 34.1 51.1
164 33.0 27.9 41.9



#48
2-Nitroaniline
Concen: 46.097 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion: 65 Resp: 105593
Ion Ratio Lower Upper
65 100
92 61.5 51.7 77.5
138 83.0 69.7 104.5





#49

Acenaphthylene

Concen: 40.901 ng

RT: 9.687 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

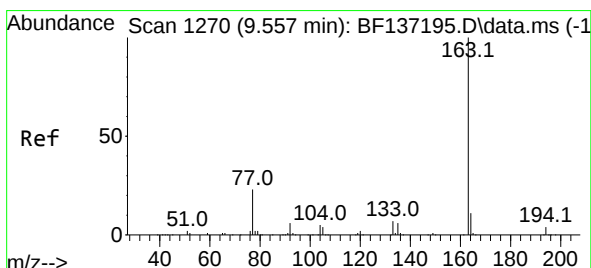
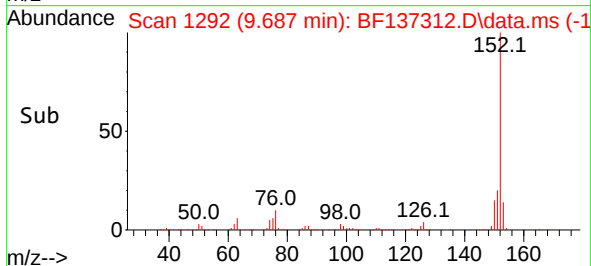
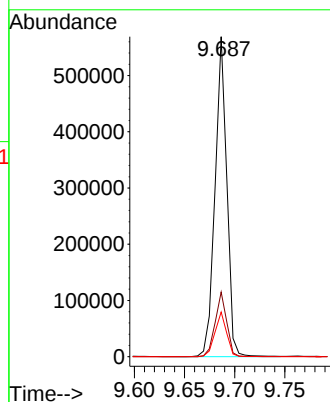
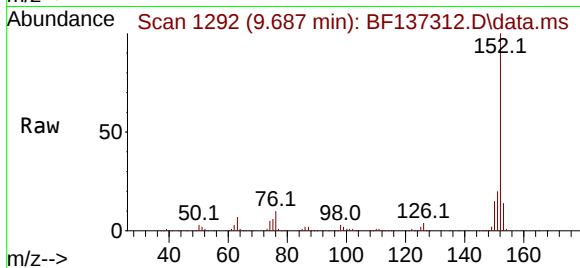
Tgt Ion:152 Resp: 463410

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.9 11.2 16.8



#50

Dimethylphthalate

Concen: 42.055 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

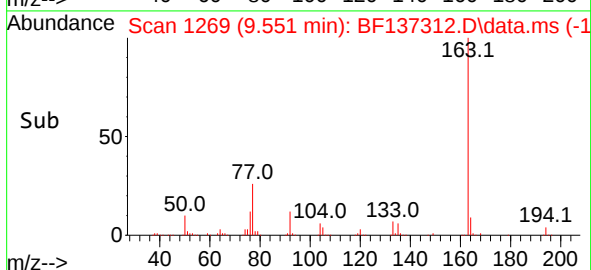
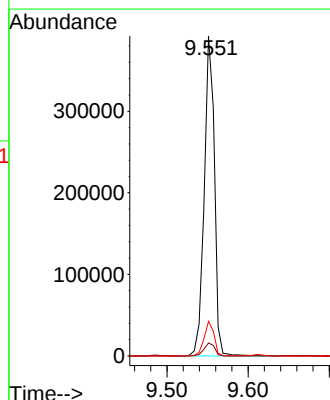
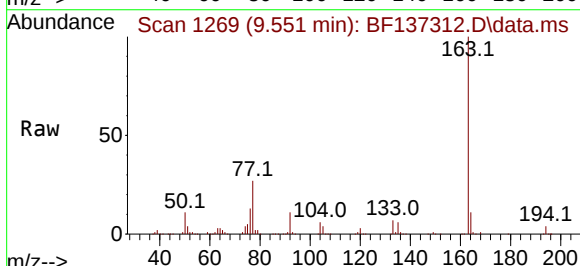
Tgt Ion:163 Resp: 341490

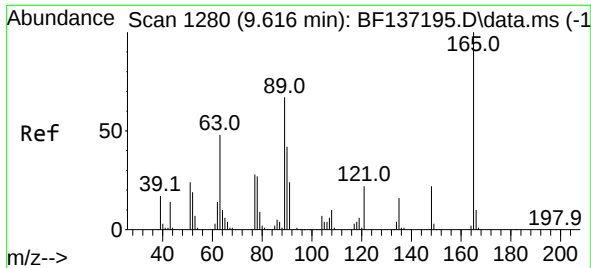
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.8 8.6 13.0

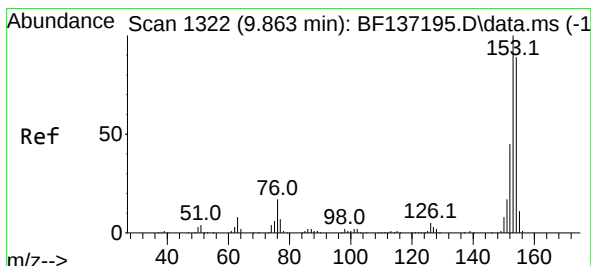
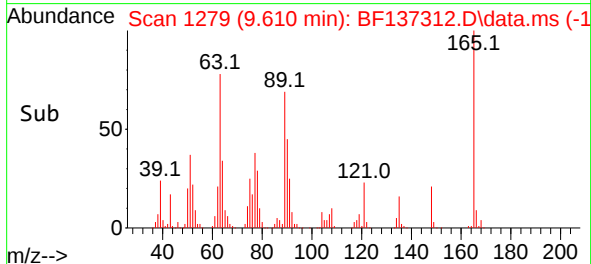
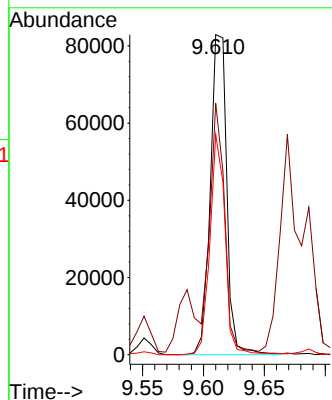
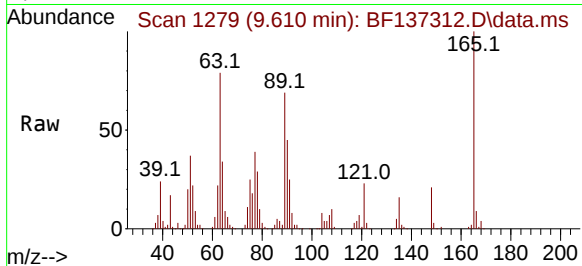




#51
2,6-Dinitrotoluene
Concen: 44.916 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

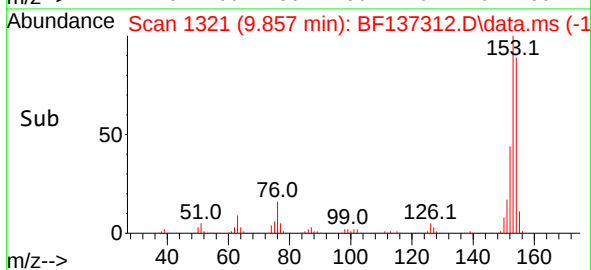
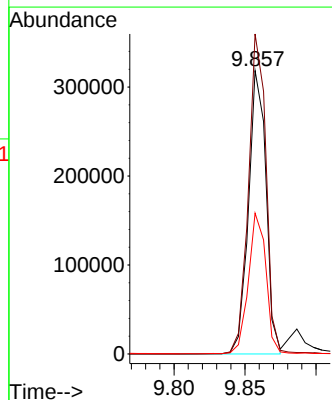
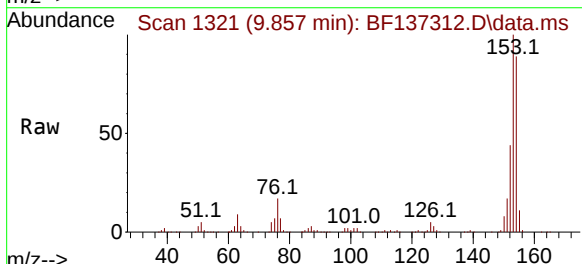
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

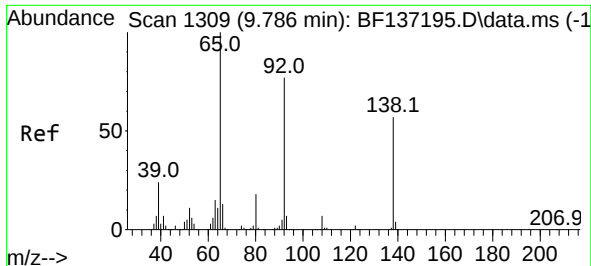
Tgt Ion:165 Resp: 77774
Ion Ratio Lower Upper
165 100
63 78.6 55.1 82.7
89 68.8 53.5 80.3



#52
Acenaphthene
Concen: 40.894 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:154 Resp: 272315
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 49.7 40.6 60.8

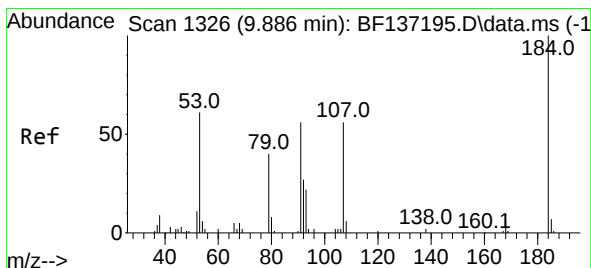
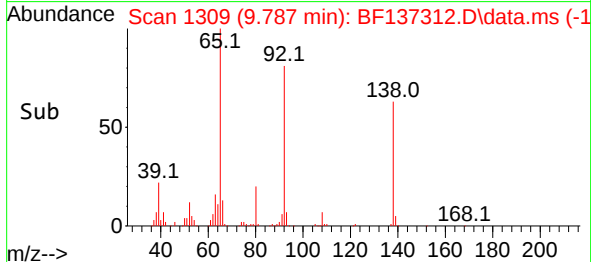
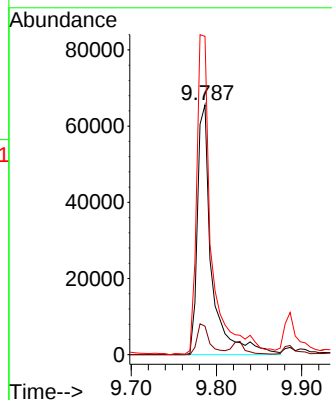
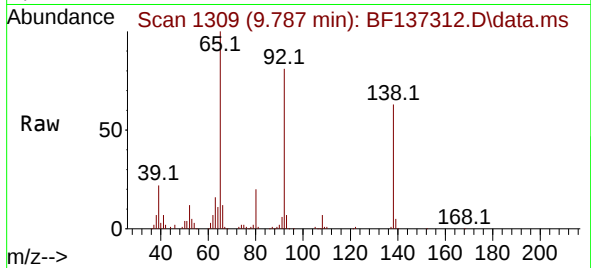




#53
3-Nitroaniline
Concen: 49.098 ng
RT: 9.787 min Scan# 1309
Delta R.T. 0.001 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

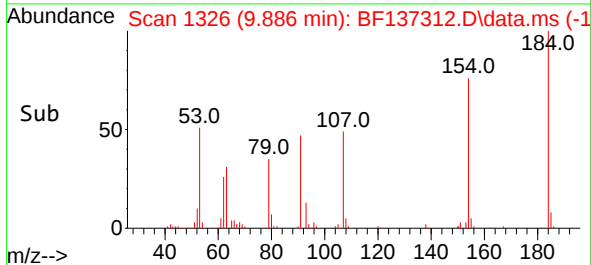
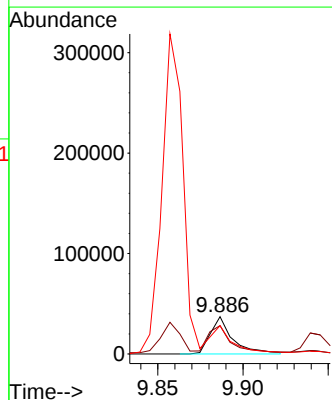
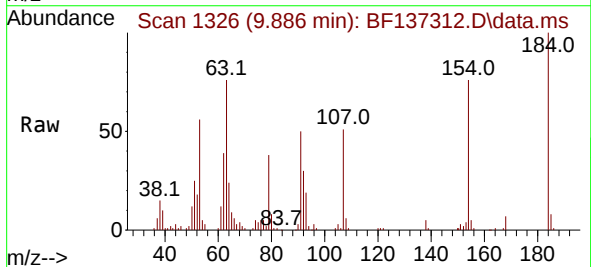
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

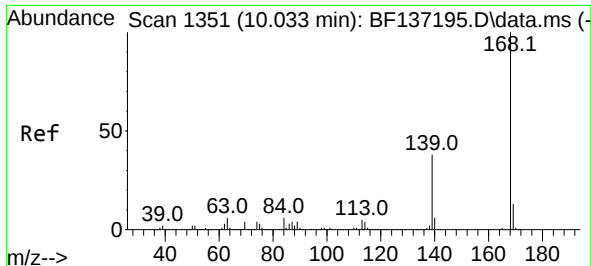
Tgt Ion:138 Resp: 76507
Ion Ratio Lower Upper
138 100
108 11.4 10.4 15.6
92 127.5 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 49.285 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:184 Resp: 33997
Ion Ratio Lower Upper
184 100
63 76.3 71.2 106.8
154 75.9 64.9 97.3

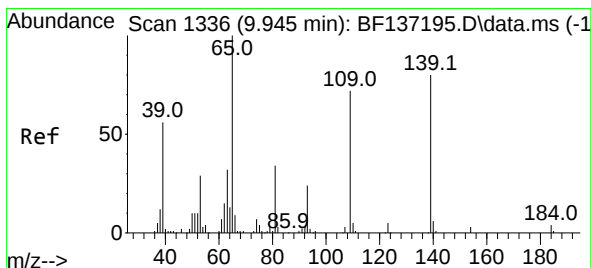
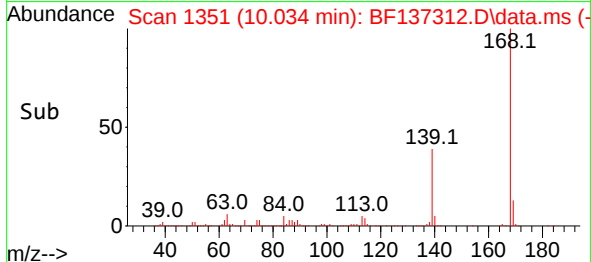
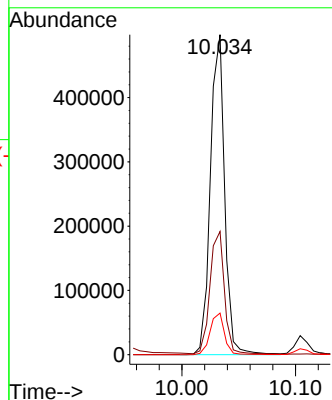
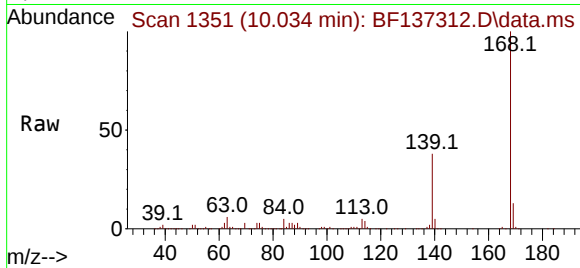




#55
Dibenzenofuran
Concen: 40.854 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.001 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

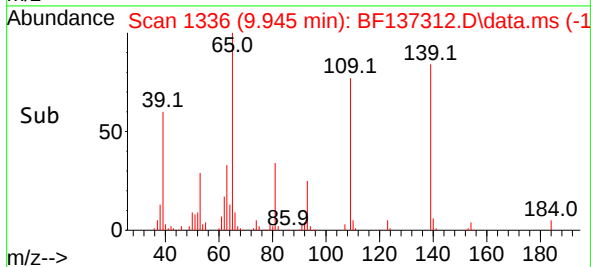
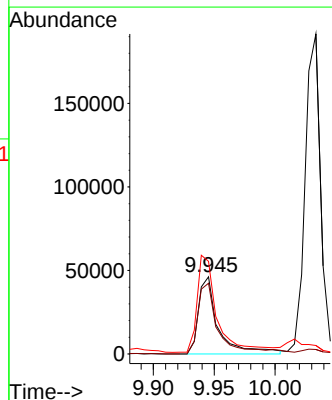
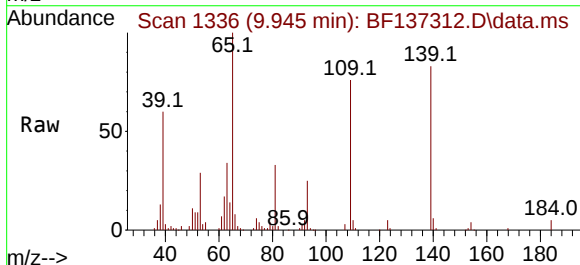
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

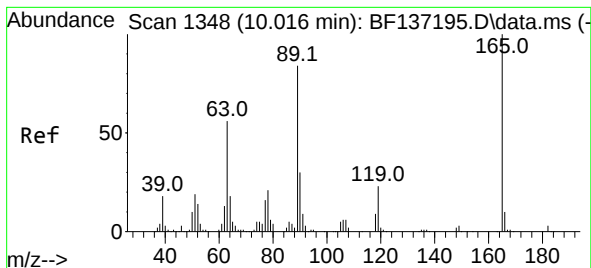
Tgt Ion:168 Resp: 432818
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 43.337 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:139 Resp: 52700
Ion Ratio Lower Upper
139 100
109 91.7 70.4 110.4
65 120.2 107.6 147.6

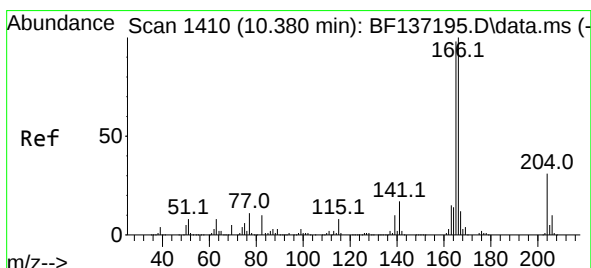
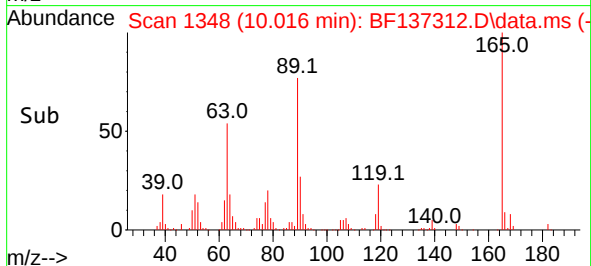
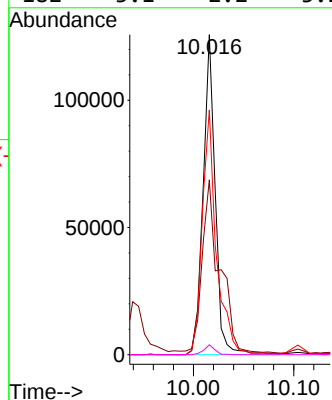
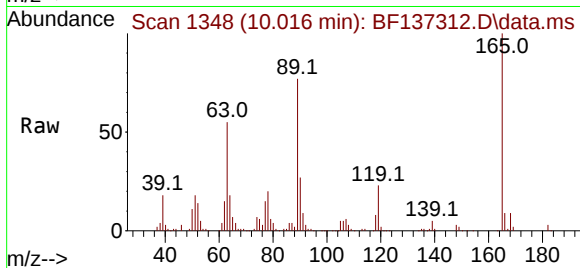




#57
2,4-Dinitrotoluene
Concen: 47.304 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

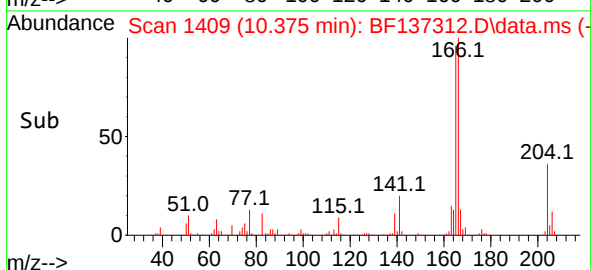
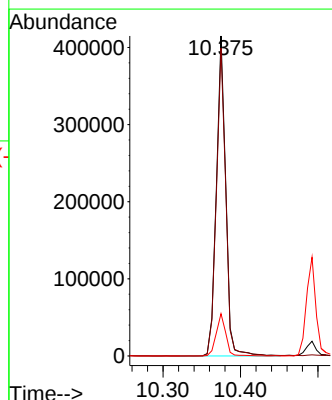
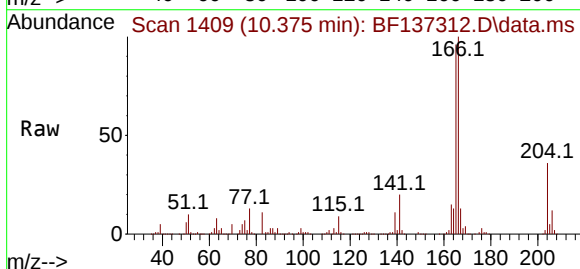
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

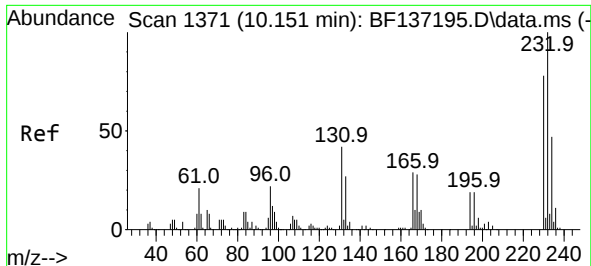
Tgt Ion:165 Resp: 106279
Ion Ratio Lower Upper
165 100
63 54.6 46.1 69.1
89 76.5 67.5 101.3
182 3.1 2.2 3.2



#58
Fluorene
Concen: 41.947 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:166 Resp: 348385
Ion Ratio Lower Upper
166 100
165 96.2 78.5 117.7
167 13.2 10.0 15.0

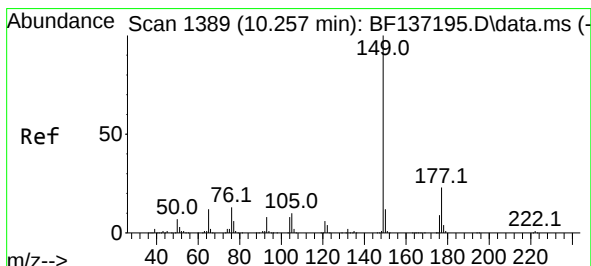
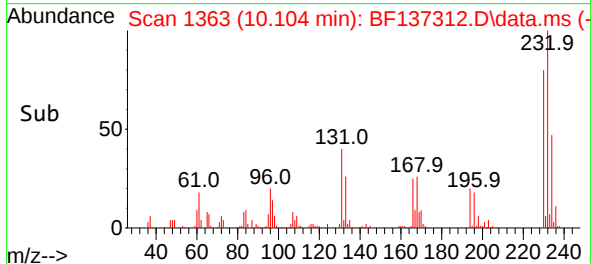
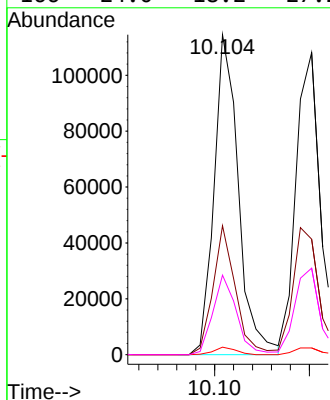
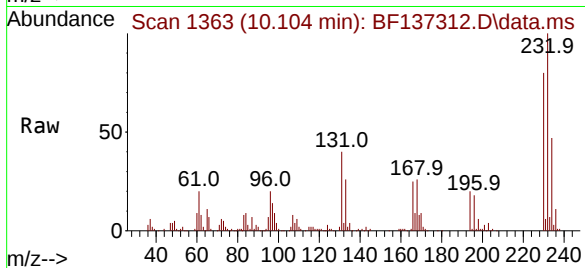




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.084 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.047 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

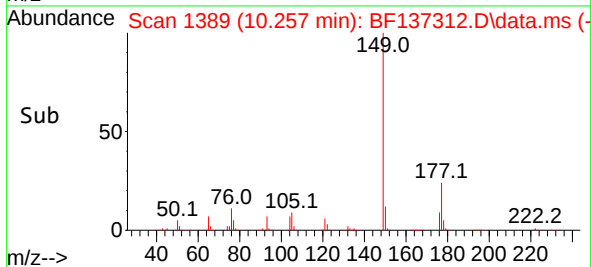
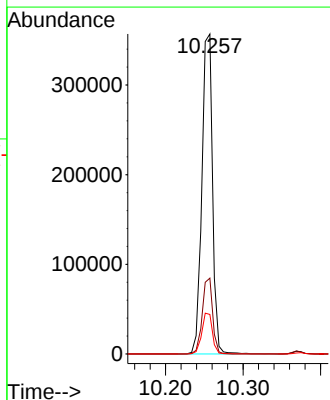
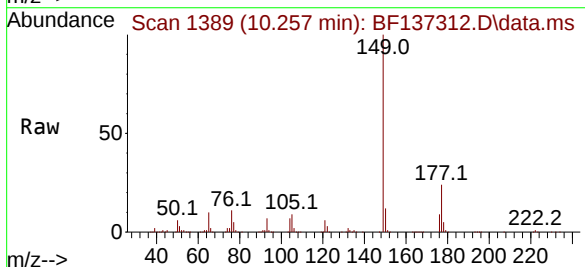
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

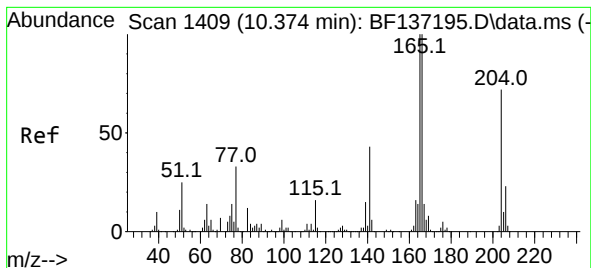
Tgt Ion:232 Resp: 102280
Ion Ratio Lower Upper
232 100
131 37.1 27.4 41.2
130 2.1 1.7 2.5
166 24.0 18.2 27.2



#60
Diethylphthalate
Concen: 42.687 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:149 Resp: 341299
Ion Ratio Lower Upper
149 100
177 23.7 18.0 27.0
150 12.4 9.6 14.4

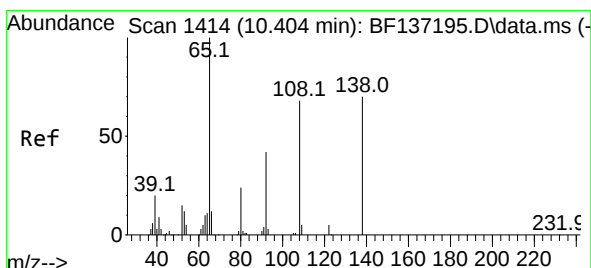
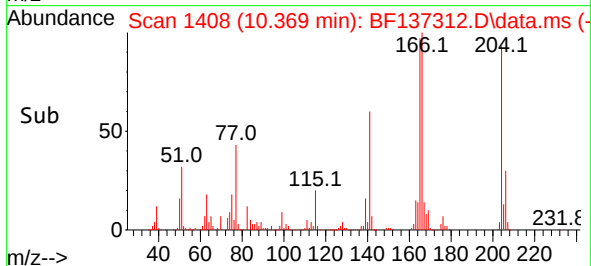
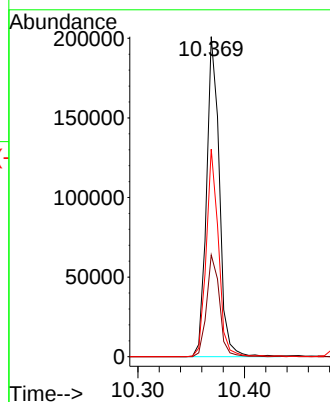
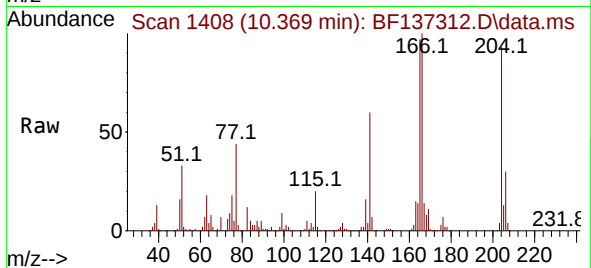




#61
4-Chlorophenyl-phenylether
Concen: 41.026 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

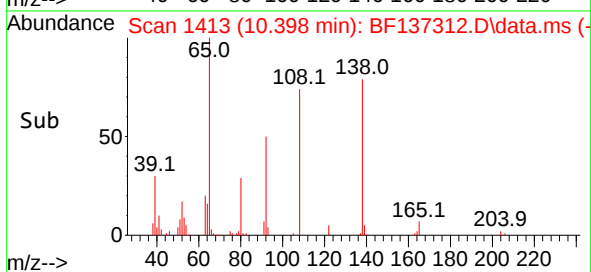
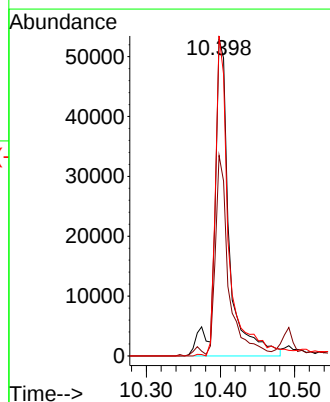
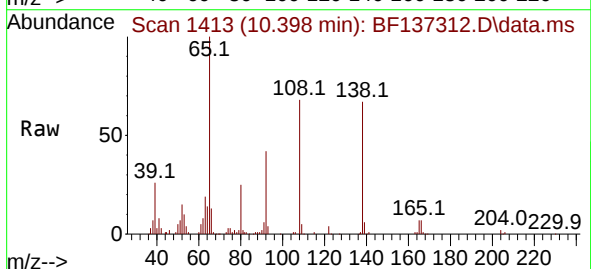
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

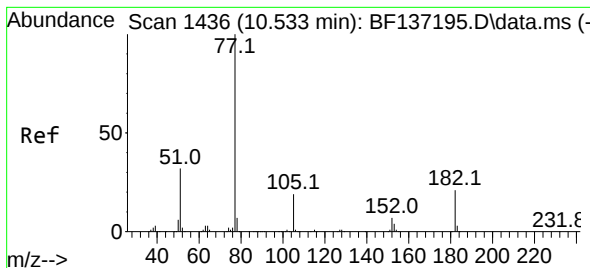
Tgt Ion:204 Resp: 169367
Ion Ratio Lower Upper
204 100
206 31.8 25.5 38.3
141 64.8 48.3 72.5



#62
4-Nitroaniline
Concen: 48.104 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:138 Resp: 71748
Ion Ratio Lower Upper
138 100
92 63.2 39.3 79.3
108 101.0 75.3 115.3





#63

Azobenzene

Concen: 41.189 ng

RT: 10.534 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 364725

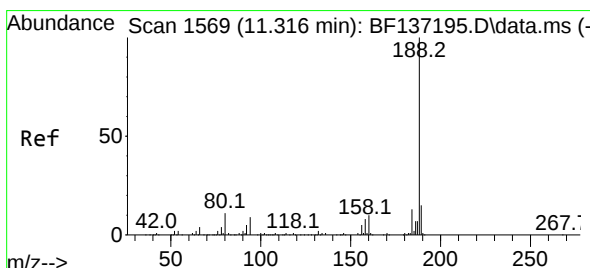
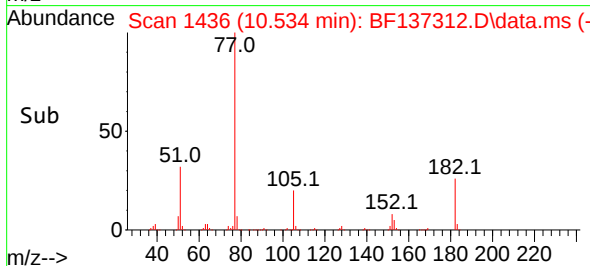
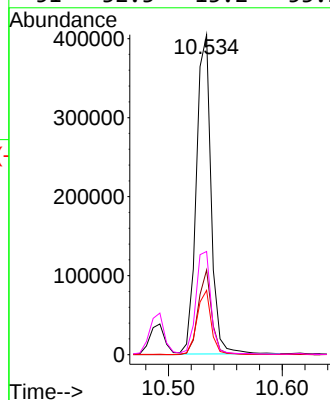
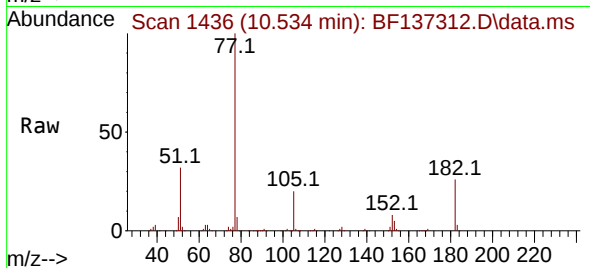
Ion Ratio Lower Upper

77 100

182 26.5 1.1 41.1

105 20.1 0.0 38.9

51 32.3 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

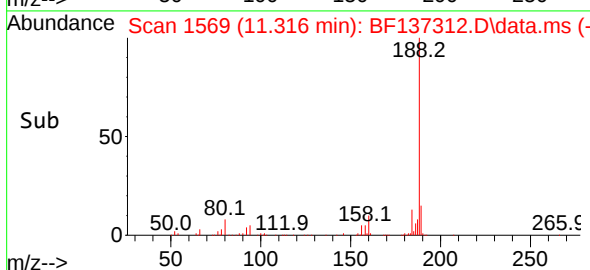
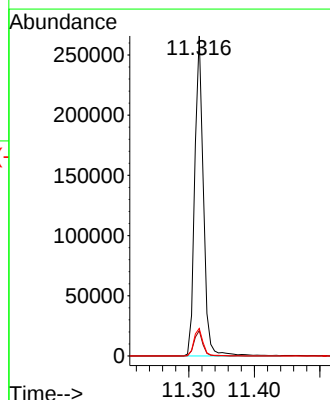
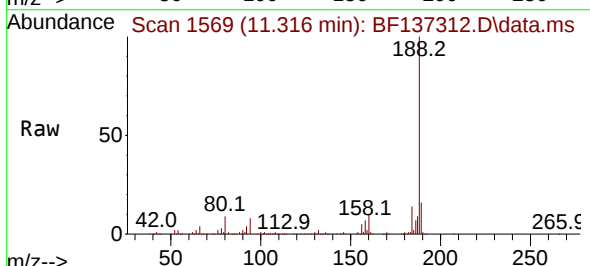
Tgt Ion: 188 Resp: 244749

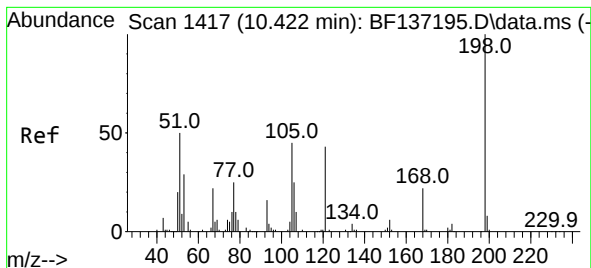
Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 8.6 8.8 13.2#

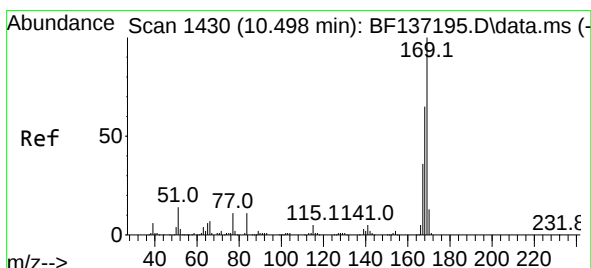
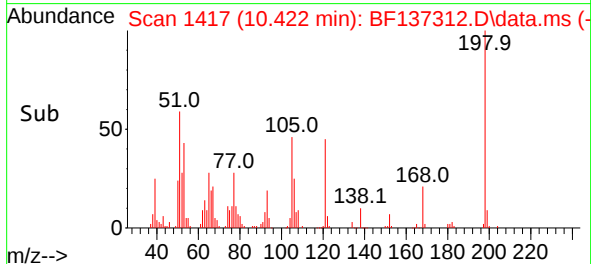
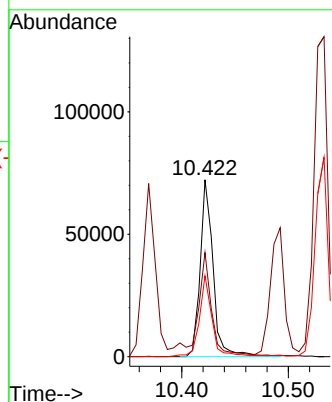
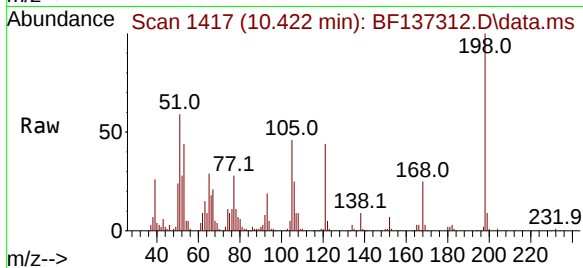




#65
4,6-Dinitro-2-methylphenol
Concen: 47.414 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

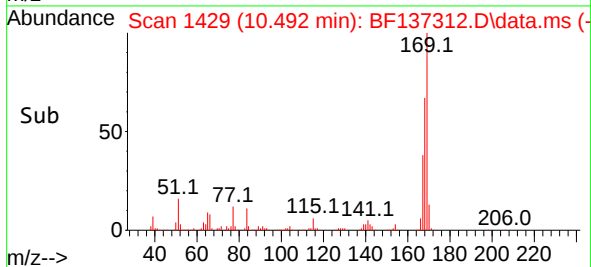
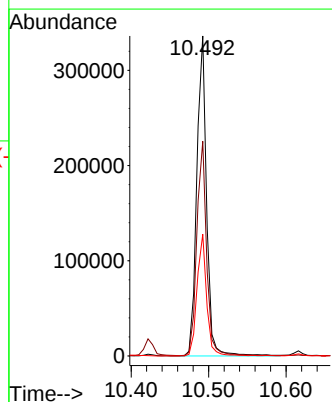
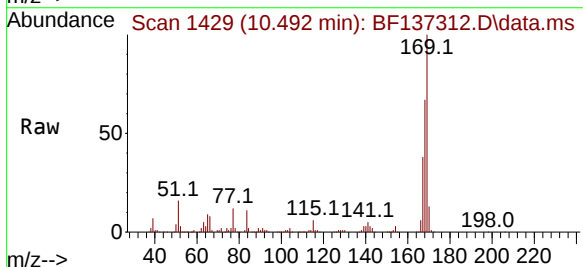
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

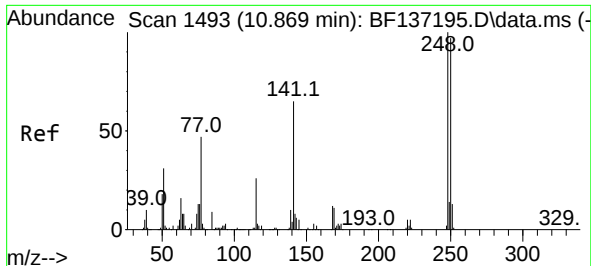
Tgt Ion:198 Resp: 61374
Ion Ratio Lower Upper
198 100
51 58.9 40.9 80.9
105 45.7 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 39.732 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:169 Resp: 295676
Ion Ratio Lower Upper
169 100
168 67.1 51.9 77.9
167 38.1 29.0 43.6

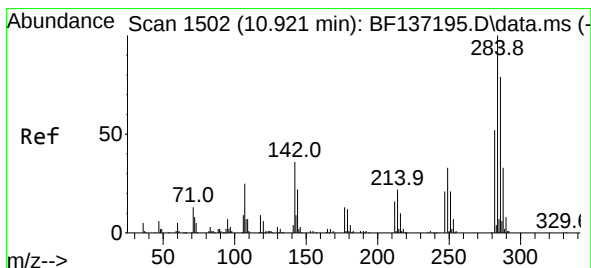
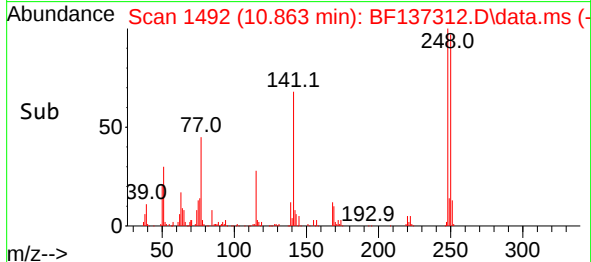
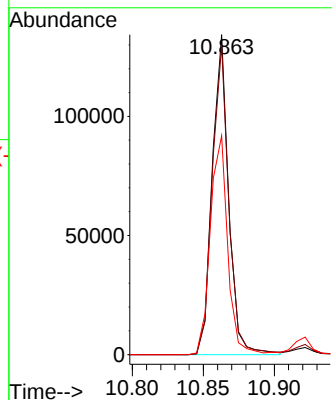
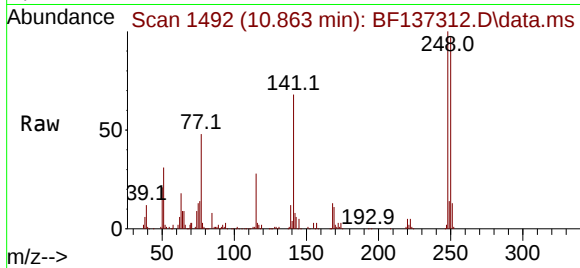




#67
4-Bromophenyl-phenylether
Concen: 40.162 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

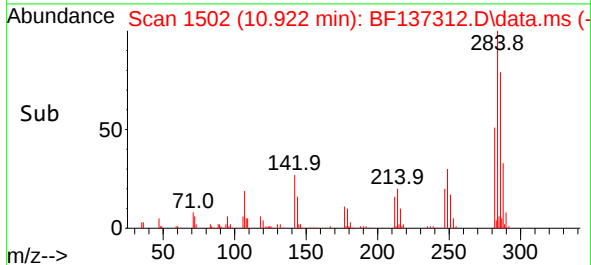
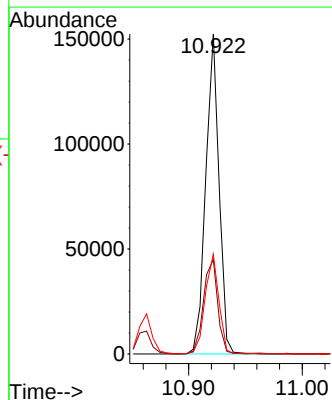
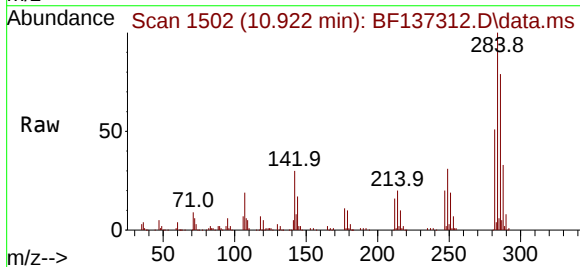
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

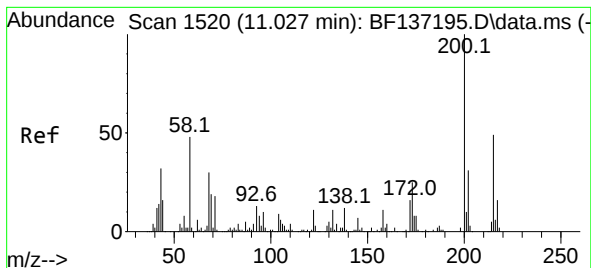
Tgt Ion:248 Resp: 108084
Ion Ratio Lower Upper
248 100
250 96.7 77.7 116.5
141 68.4 51.6 77.4



#68
Hexachlorobenzene
Concen: 41.136 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:284 Resp: 123656
Ion Ratio Lower Upper
284 100
142 29.5 28.7 43.1
249 31.2 27.0 40.4





#69

Atrazine

Concen: 43.022 ng

RT: 11.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

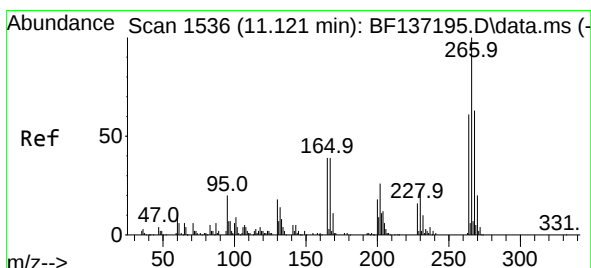
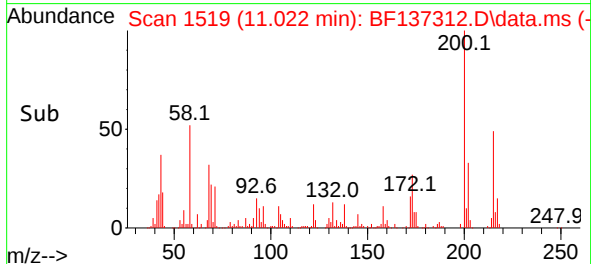
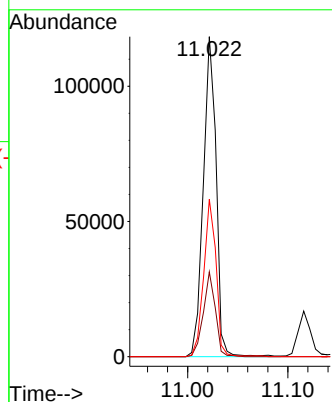
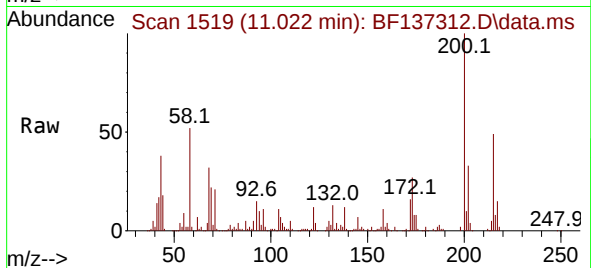
Tgt Ion:200 Resp: 105690

Ion Ratio Lower Upper

200 100

173 26.5 5.3 45.3

215 49.2 29.4 69.4



#70

Pentachlorophenol

Concen: 46.910 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.005 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

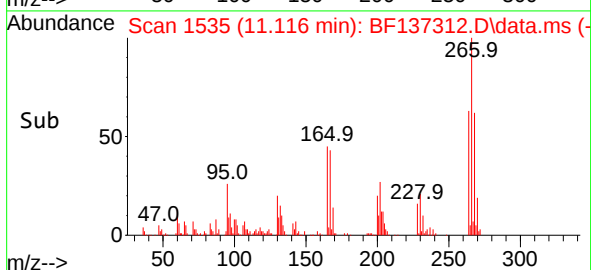
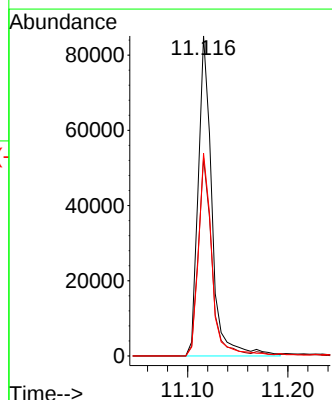
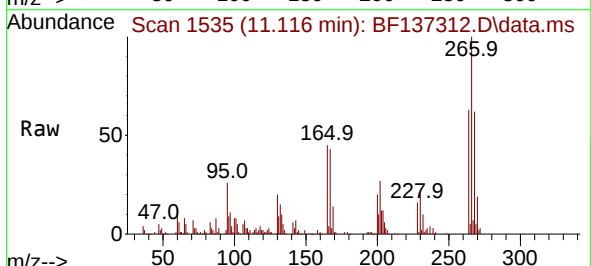
Tgt Ion:266 Resp: 80835

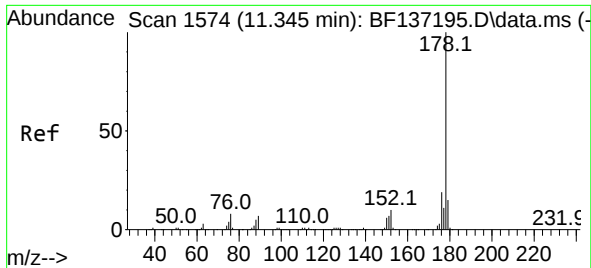
Ion Ratio Lower Upper

266 100

268 61.9 50.6 76.0

264 63.3 48.8 73.2

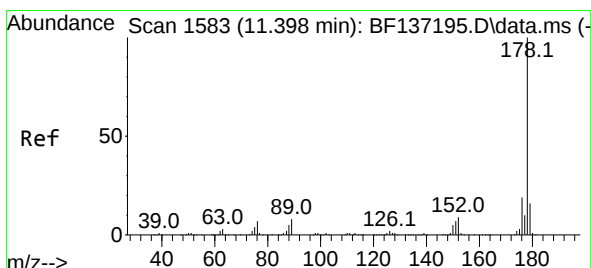
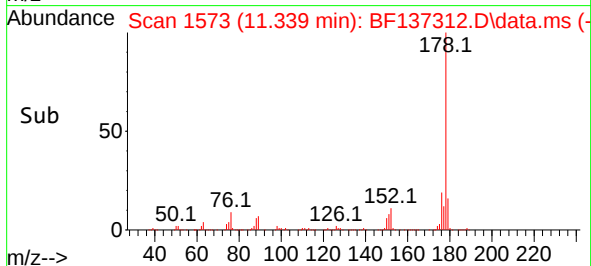
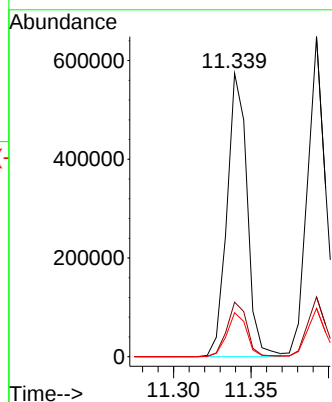
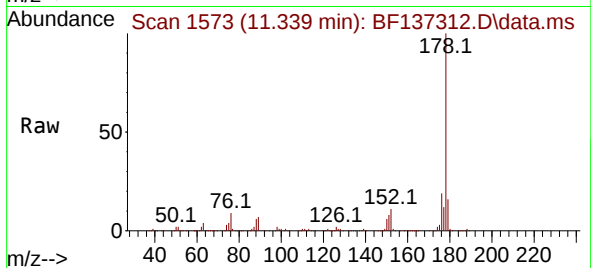




#71
Phenanthrene
Concen: 40.483 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

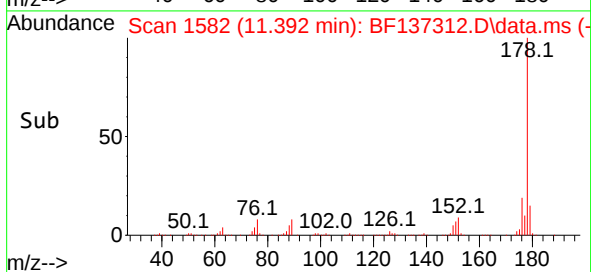
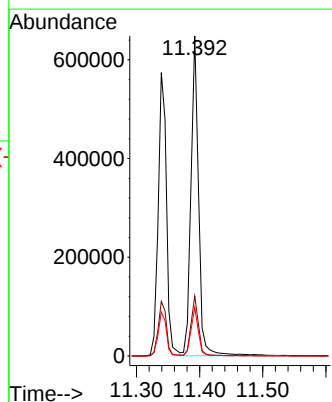
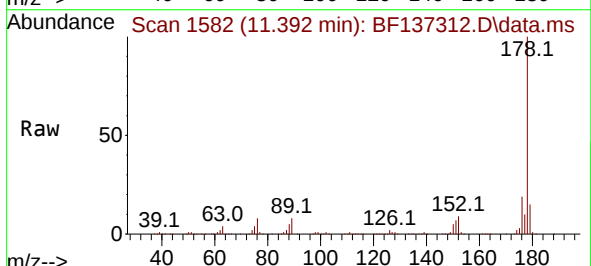
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

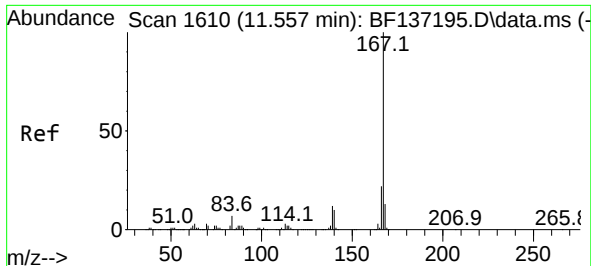
Tgt Ion:178 Resp: 518707
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.5 12.1 18.1



#72
Anthracene
Concen: 41.092 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:178 Resp: 548775
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.2 12.7 19.1

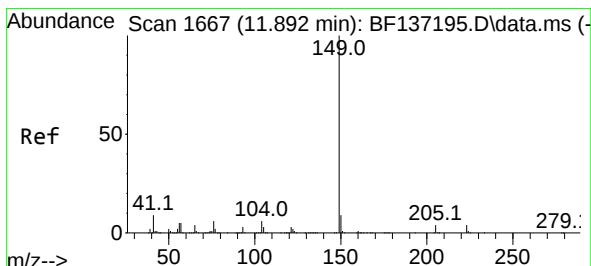
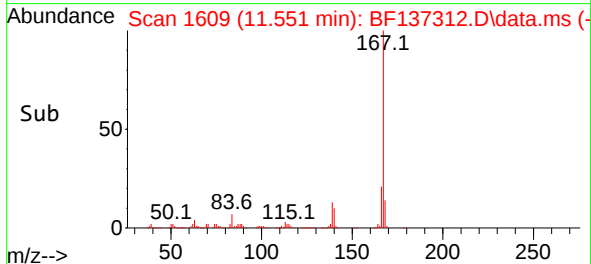
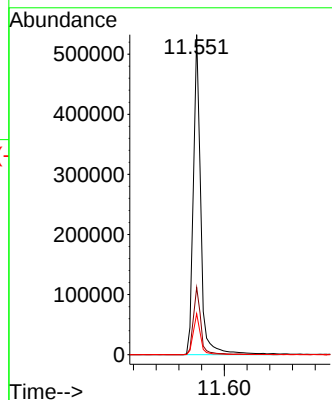
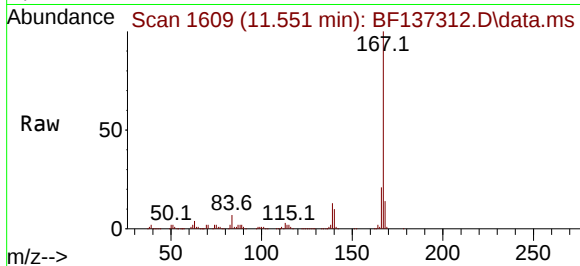




#73
 Carbazole
 Concen: 43.289 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137312.D
 Acq: 07 Feb 2024 10:46

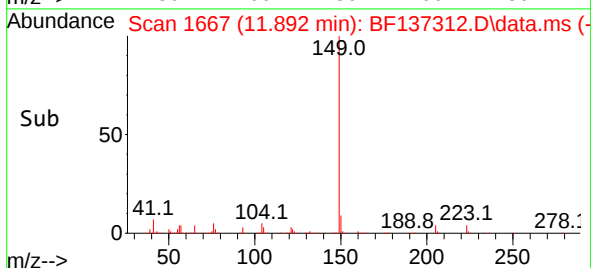
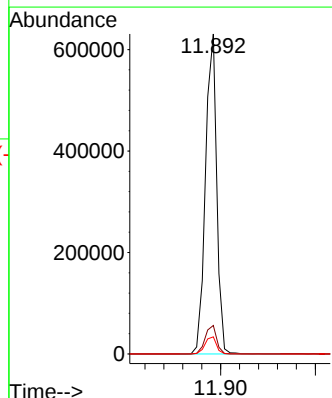
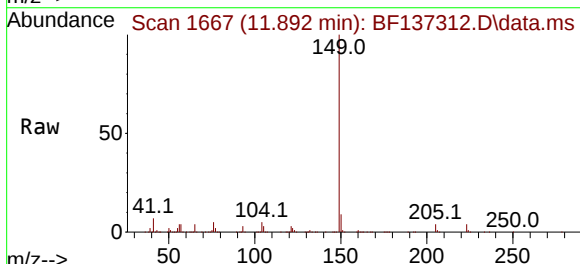
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

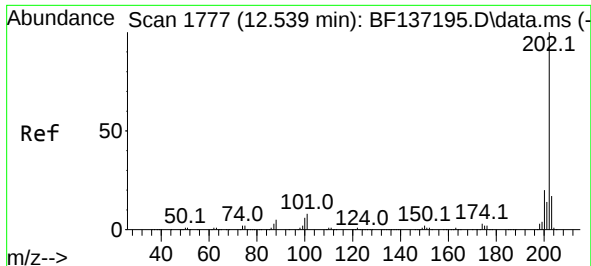
Tgt Ion:167 Resp: 483154
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 12.8 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 43.102 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF137312.D
 Acq: 07 Feb 2024 10:46

Tgt Ion:149 Resp: 520021
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.3 4.5 6.7

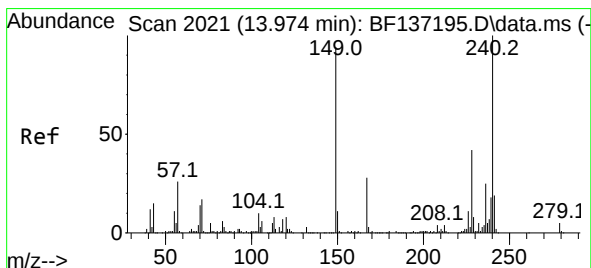
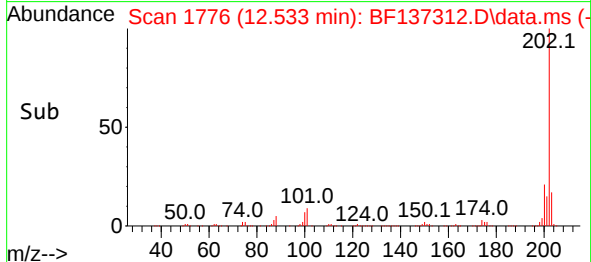
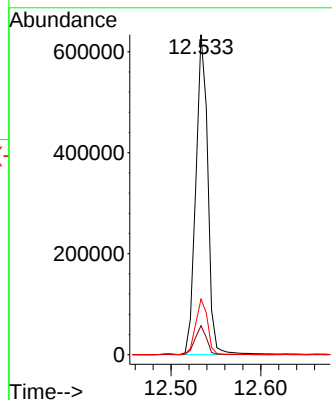
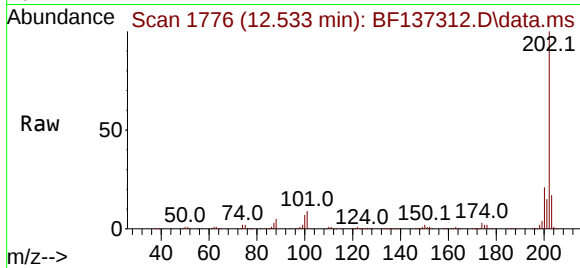




#75
Fluoranthene
Concen: 43.830 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

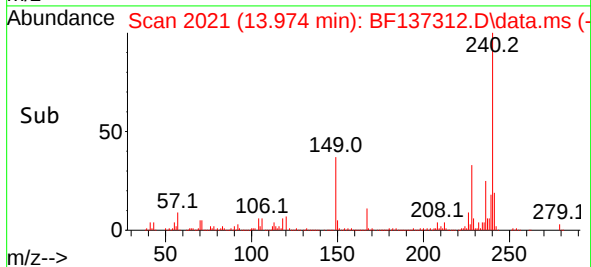
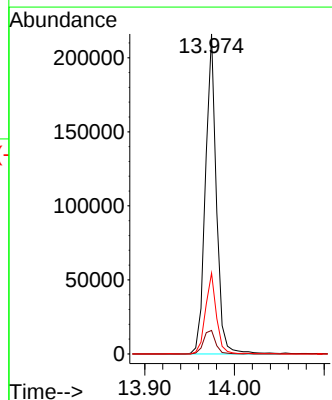
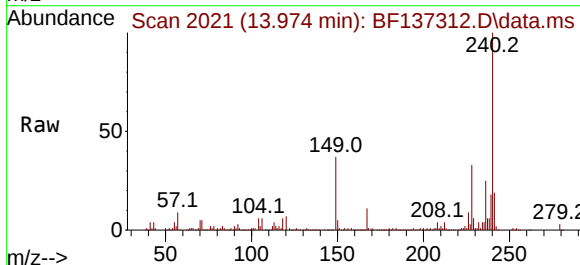
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

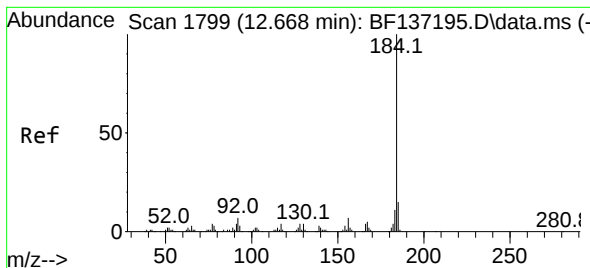
Tgt Ion:202 Resp: 587655
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.4
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:240 Resp: 182901
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 25.3 20.3 30.5





#77

Benzidine

Concen: 45.409 ng

RT: 12.669 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

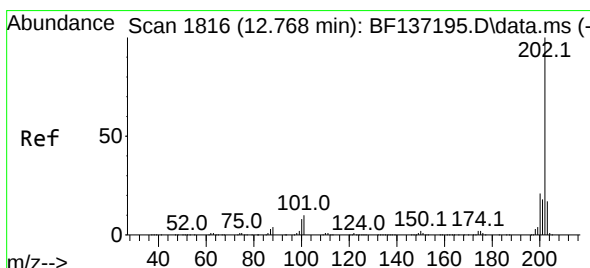
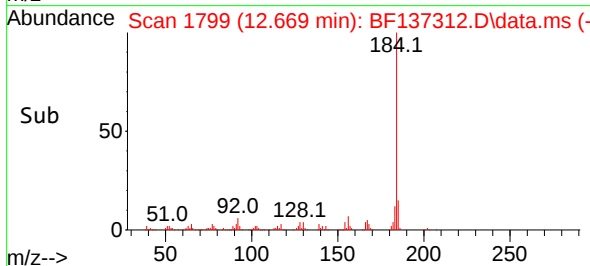
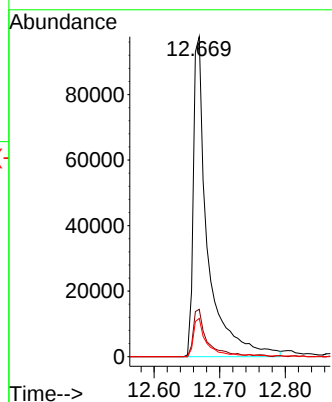
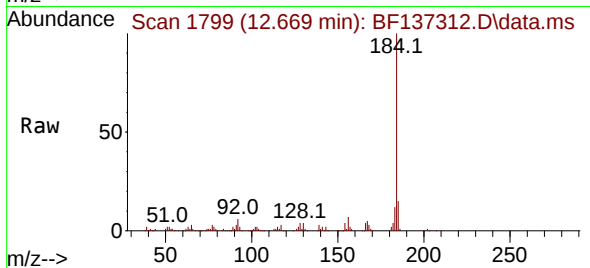
Tgt Ion:184 Resp: 148719

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

183 11.9 8.8 13.2



#78

Pyrene

Concen: 34.508 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

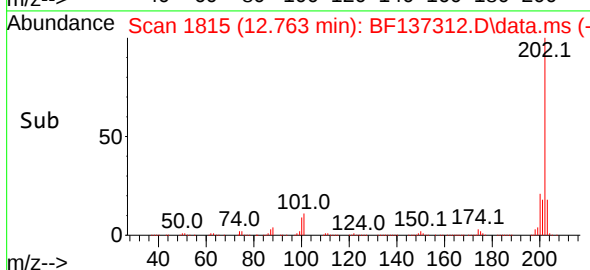
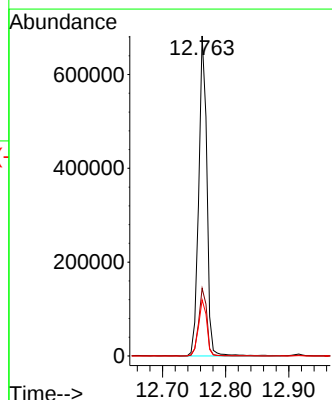
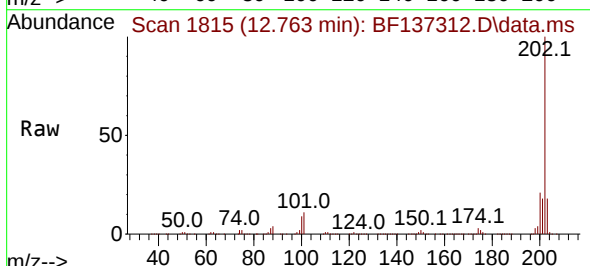
Tgt Ion:202 Resp: 606544

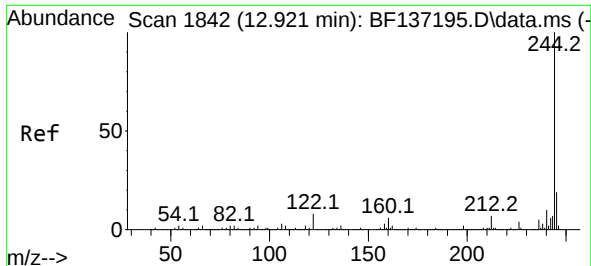
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

203 17.5 13.8 20.6

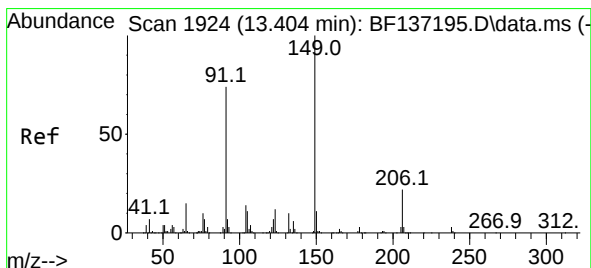
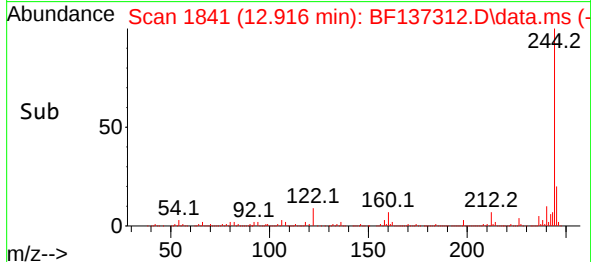
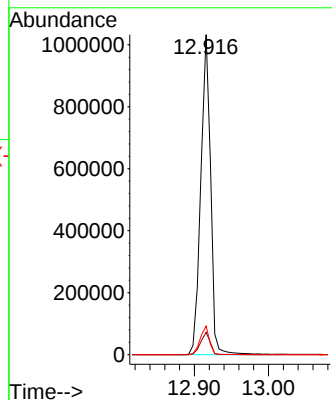
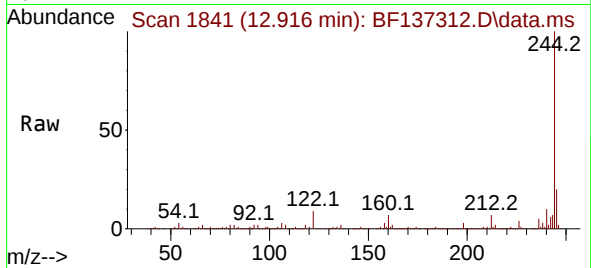




#79
 Terphenyl-d14
 Concen: 70.518 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137312.D
 Acq: 07 Feb 2024 10:46

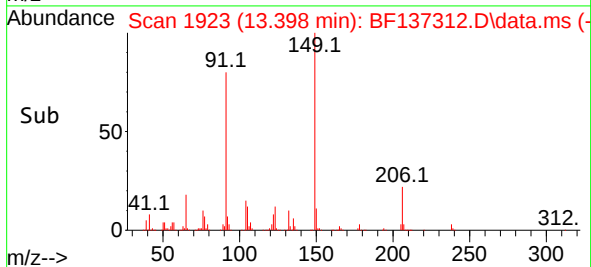
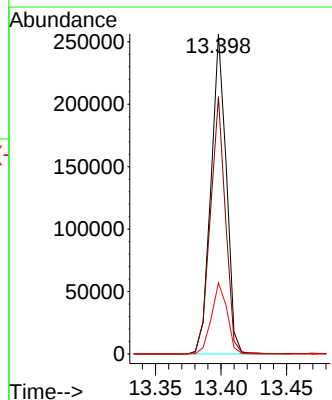
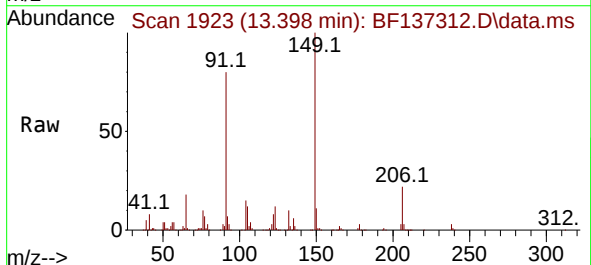
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

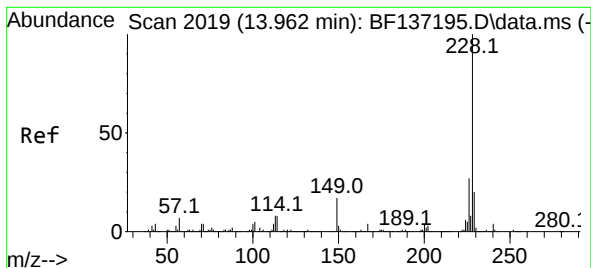
Tgt Ion:244 Resp: 948755
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 9.0 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 46.336 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137312.D
 Acq: 07 Feb 2024 10:46

Tgt Ion:149 Resp: 208345
 Ion Ratio Lower Upper
 149 100
 91 80.4 58.8 88.2
 206 22.3 17.7 26.5





#81

Benzo(a)anthracene

Concen: 40.145 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

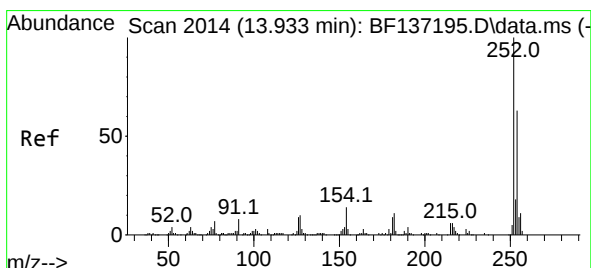
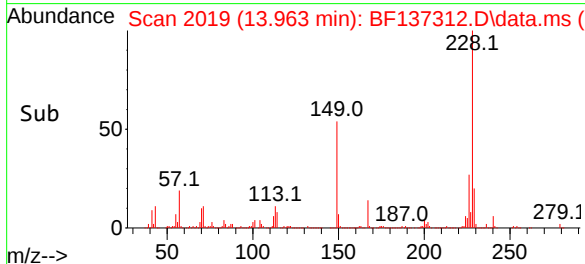
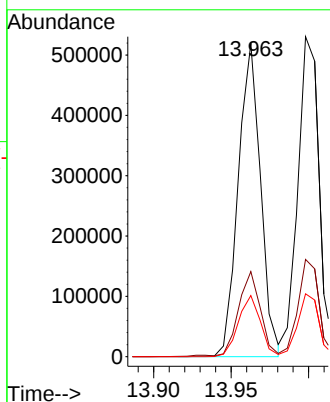
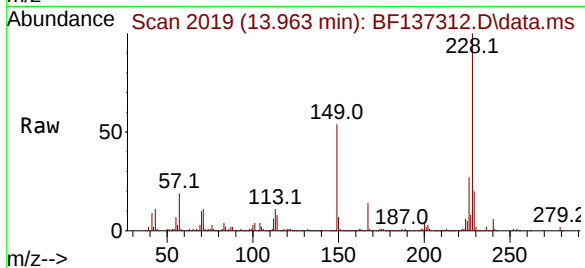
Tgt Ion:228 Resp: 52011

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.151 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

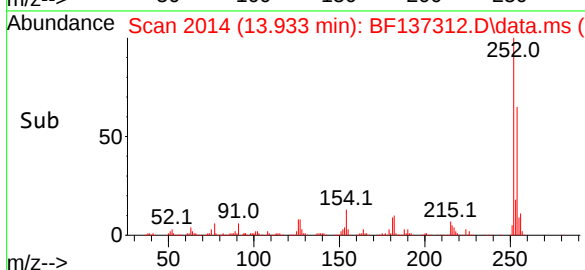
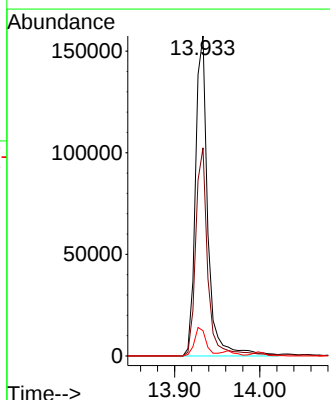
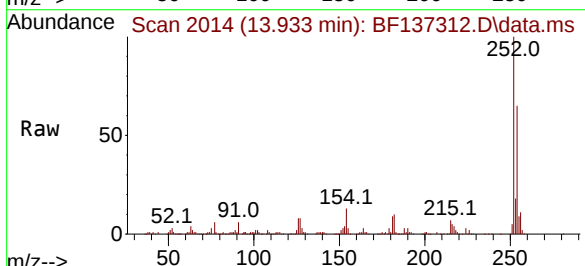
Tgt Ion:252 Resp: 159341

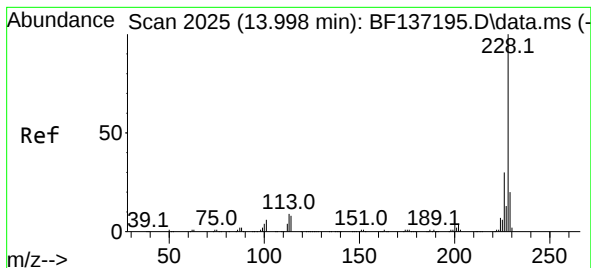
Ion Ratio Lower Upper

252 100

254 65.1 50.2 75.2

126 7.9 7.0 10.6





#83

Chrysene

Concen: 41.434 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

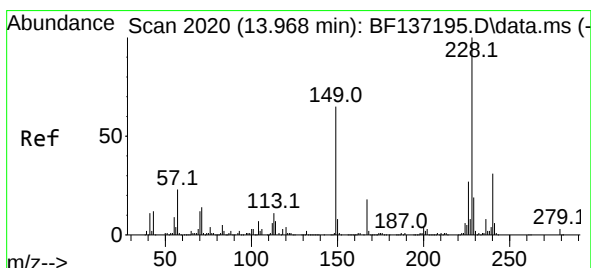
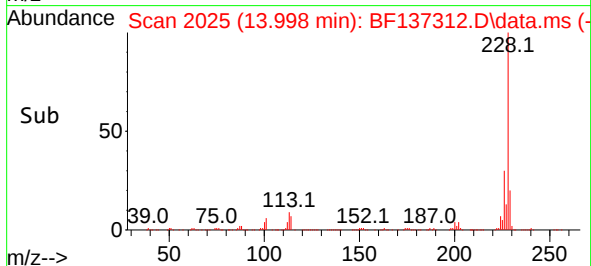
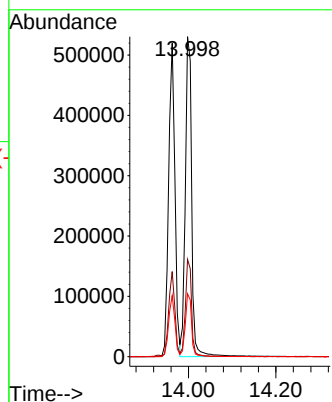
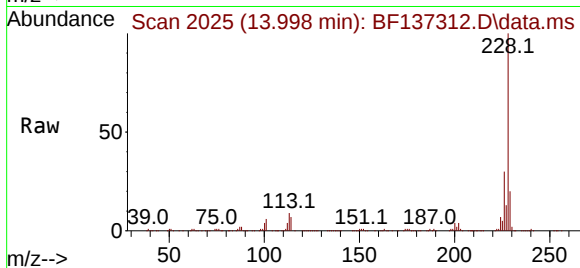
Tgt Ion:228 Resp: 527645

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.065 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

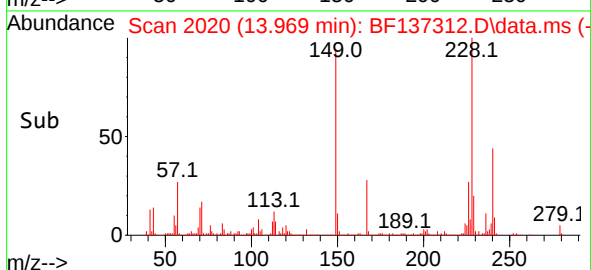
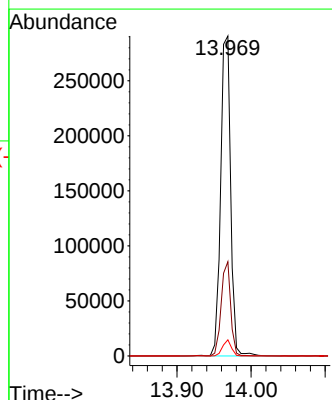
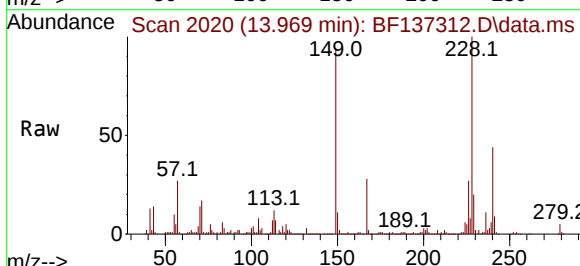
Tgt Ion:149 Resp: 272359

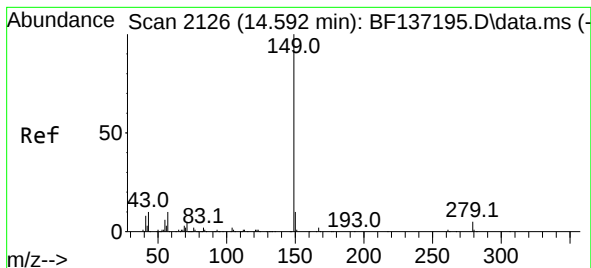
Ion Ratio Lower Upper

149 100

167 29.5 21.7 32.5

279 5.1 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 50.721 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

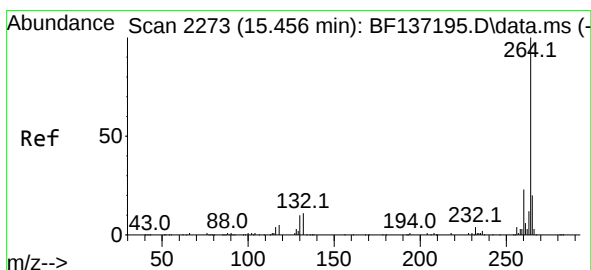
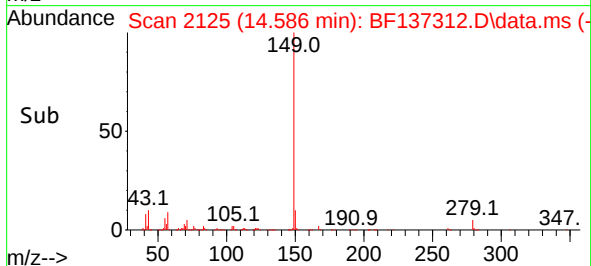
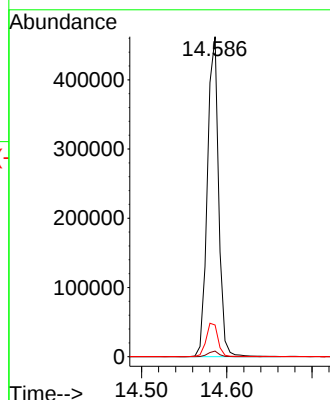
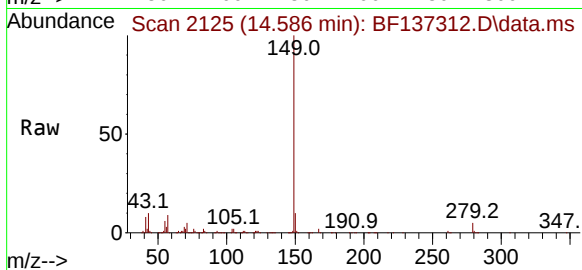
Tgt Ion:149 Resp: 421877

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

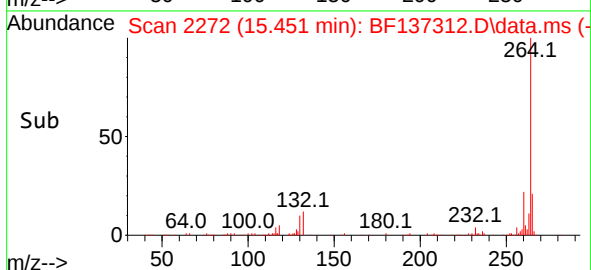
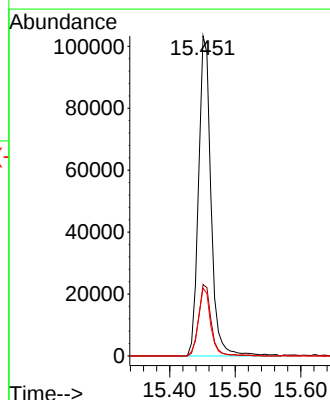
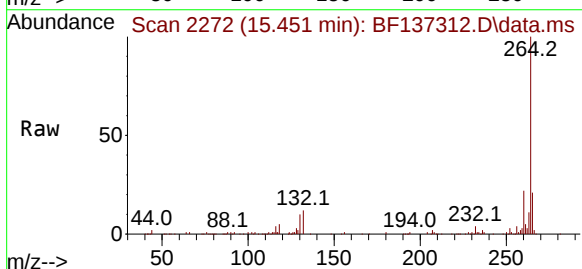
Tgt Ion:264 Resp: 136785

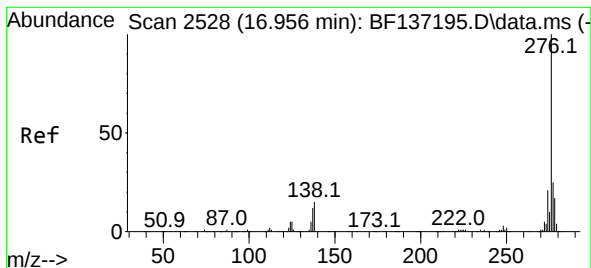
Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.1 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.891 ng

RT: 16.957 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

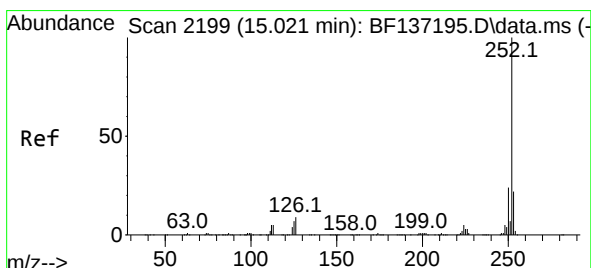
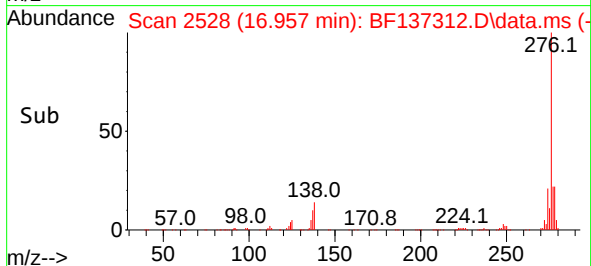
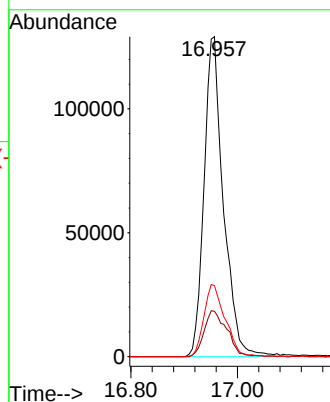
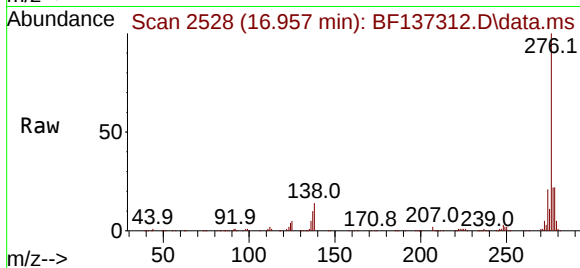
Tgt Ion:276 Resp: 325685

Ion Ratio Lower Upper

276 100

138 16.9 14.6 21.8

277 24.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.725 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

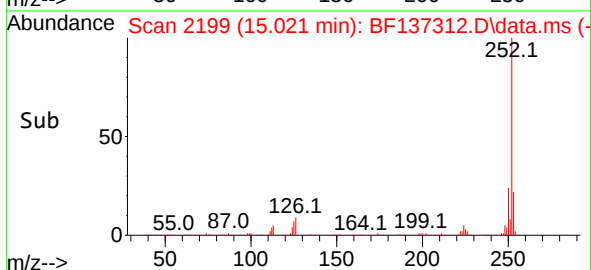
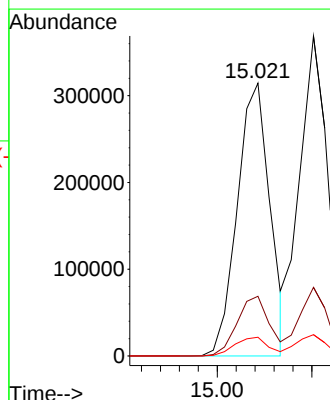
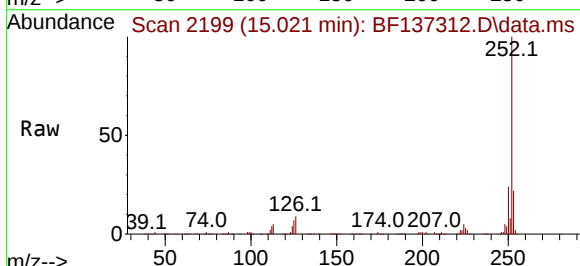
Tgt Ion:252 Resp: 376232

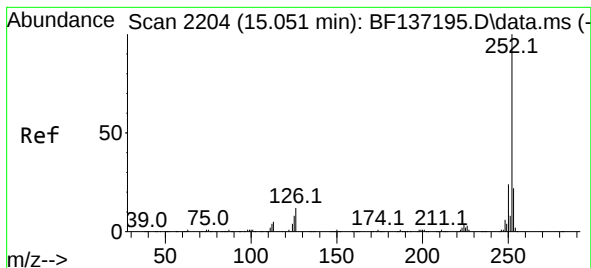
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 6.9 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 44.869 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

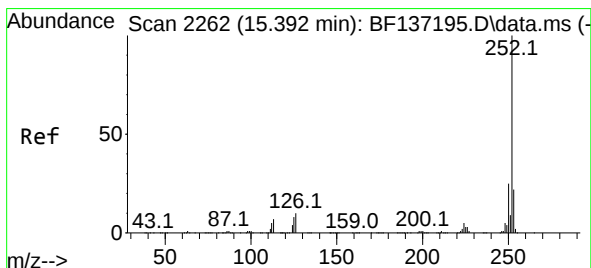
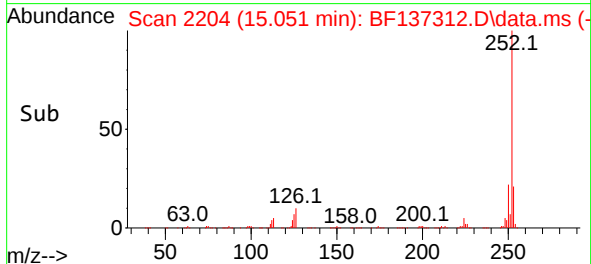
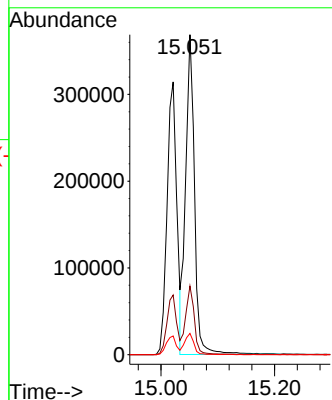
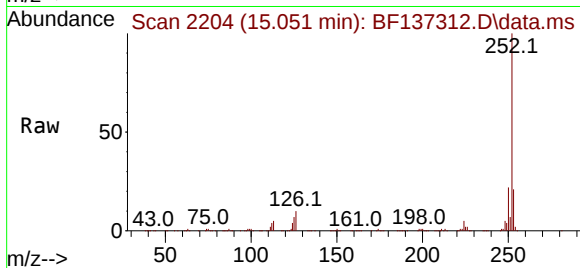
Tgt Ion:252 Resp: 399295

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 6.6 5.9 8.9



#90

Benzo(a)pyrene

Concen: 41.257 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137312.D

Acq: 07 Feb 2024 10:46

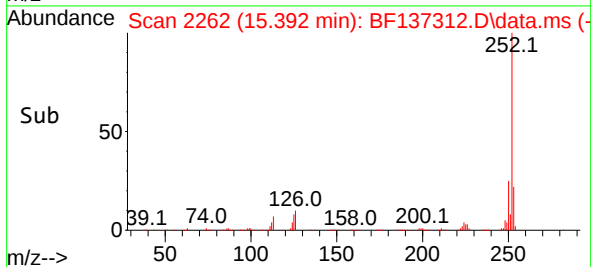
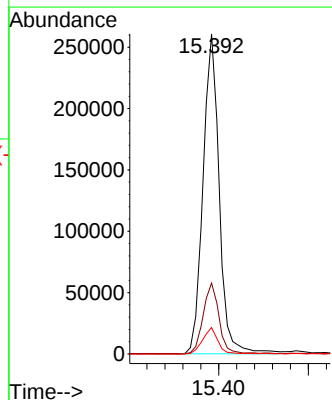
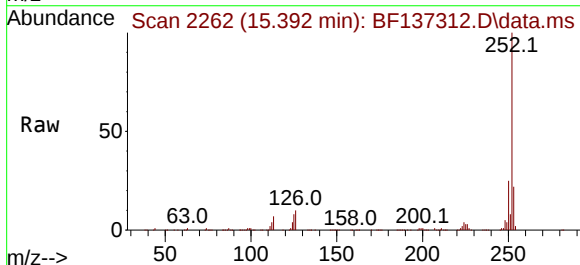
Tgt Ion:252 Resp: 326604

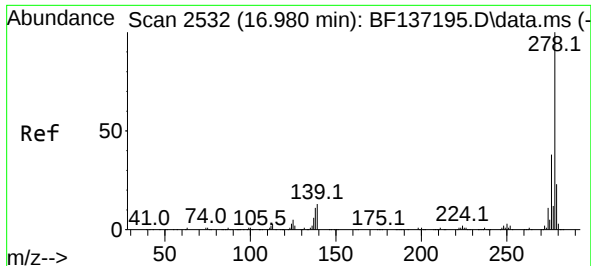
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.3 6.5 9.7

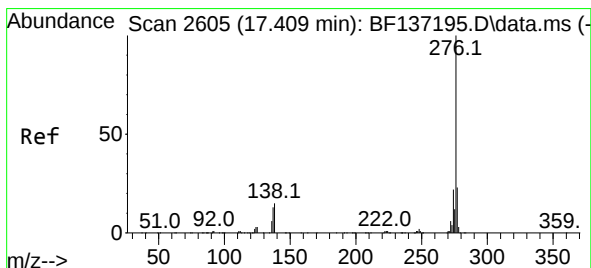
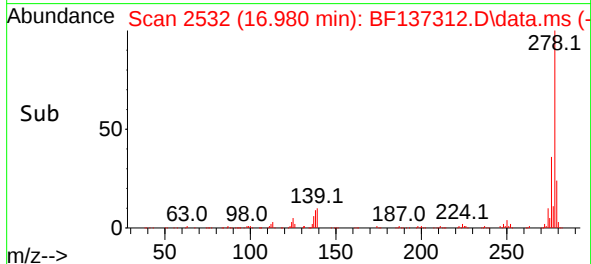
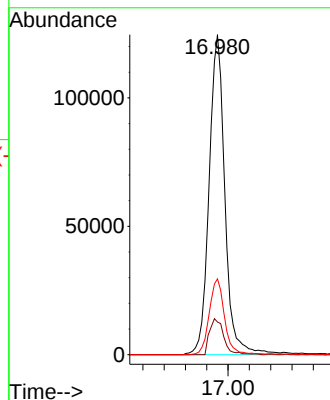
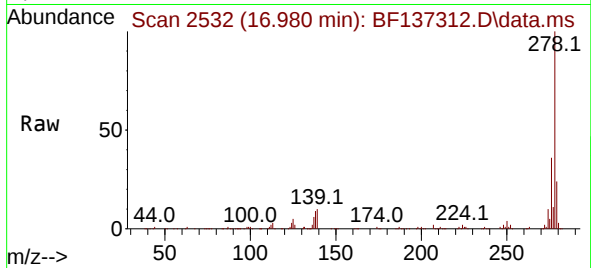




#91
Dibenzo(a,h)anthracene
Concen: 33.269 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 256180
Ion Ratio Lower Upper
278 100
139 10.2 10.0 15.0
279 23.7 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 33.332 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF137312.D
Acq: 07 Feb 2024 10:46

Tgt Ion:276 Resp: 251910
Ion Ratio Lower Upper
276 100
277 22.0 18.4 27.6
138 13.6 11.8 17.8

