

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141531.D
 Acq On : 10 Feb 2025 11:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 10 12:30:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	91504	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	356056	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	192109	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	313129	20.000	ng	0.00
76) Chrysene-d12	13.963	240	193608	20.000	ng	0.00
86) Perylene-d12	15.439	264	177316	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	467960	80.176	ng	0.00
7) Phenol-d6	6.434	99	573104	77.687	ng	0.00
23) Nitrobenzene-d5	7.357	82	538199	78.840	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	148831	77.122	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	981012	78.674	ng	0.00
79) Terphenyl-d14	12.898	244	970304	84.606	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	90976	38.728	ng	98
3) Pyridine	3.210	79	221401	39.606	ng	99
4) n-Nitrosodimethylamine	3.157	42	146628	39.614	ng	98
6) Aniline	6.451	93	272486	39.376	ng	90
8) 2-Chlorophenol	6.581	128	246962	39.158	ng	98
9) Benzaldehyde	6.339	77	128088	32.674	ng	100
10) Phenol	6.445	94	298987	38.940	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	225126	39.036	ng	98
12) 1,3-Dichlorobenzene	6.734	146	264114	39.668	ng	99
13) 1,4-Dichlorobenzene	6.810	146	265465	39.023	ng	98
14) 1,2-Dichlorobenzene	6.963	146	252344	39.967	ng	98
15) Benzyl Alcohol	6.934	79	223304	39.473	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	392078	39.715	ng	99
17) 2-Methylphenol	7.051	107	192649	39.034	ng	99
18) Hexachloroethane	7.298	117	102320	40.642	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	170797	38.706	ng	100
20) 3+4-Methylphenols	7.204	107	241913	38.569	ng	96
22) Acetophenone	7.204	105	343898	38.827	ng	98
24) Nitrobenzene	7.375	77	260329	39.108	ng	98
25) Isophorone	7.616	82	424424	38.993	ng	99
26) 2-Nitrophenol	7.692	139	132810	40.102	ng	96
27) 2,4-Dimethylphenol	7.734	122	152895	39.519	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	275268	39.467	ng	99
29) 2,4-Dichlorophenol	7.939	162	205336	39.280	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	226022	39.705	ng	98
31) Naphthalene	8.098	128	734667	39.639	ng	100
32) Benzoic acid	7.857	122	139602	34.738	ng	99
33) 4-Chloroaniline	8.145	127	247243	38.208	ng	99
34) Hexachlorobutadiene	8.210	225	140298	41.054	ng	99
35) Caprolactam	8.516	113	61657	38.739	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	225523	38.947	ng	100
37) 2-Methylnaphthalene	8.786	142	473288	39.242	ng	100
38) 1-Methylnaphthalene	8.886	142	454754	38.931	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	222962	40.116	ng	98
41) Hexachlorocyclopentadiene	8.933	237	68717	37.172	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	143507	39.950	ng	98

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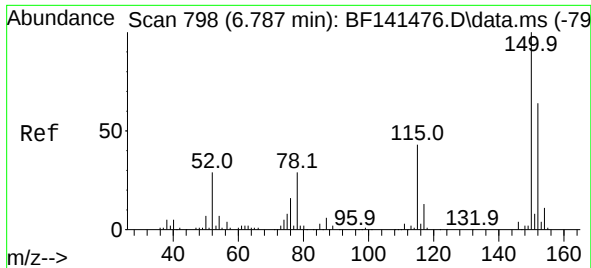
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	152923	39.281	ng	98
46) 1,1'-Biphenyl	9.251	154	588561	39.517	ng	99
47) 2-Chloronaphthalene	9.275	162	439299	39.887	ng	99
48) 2-Nitroaniline	9.375	65	143494	38.822	ng	96
49) Acenaphthylene	9.692	152	643014	39.253	ng	100
50) Dimethylphthalate	9.551	163	510097	39.112	ng	99
51) 2,6-Dinitrotoluene	9.616	165	109011	38.236	ng	98
52) Acenaphthene	9.863	154	430608	39.100	ng	99
53) 3-Nitroaniline	9.786	138	117555	38.310	ng	97
54) 2,4-Dinitrophenol	9.898	184	62096	36.647	ng	95
55) Dibenzofuran	10.033	168	632974	39.157	ng	99
56) 4-Nitrophenol	9.957	139	85776	37.656	ng	98
57) 2,4-Dinitrotoluene	10.022	165	145558	38.351	ng	99
58) Fluorene	10.375	166	489982	39.202	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128800	38.428	ng	97
60) Diethylphthalate	10.251	149	502338	39.149	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	240325	39.967	ng	98
62) 4-Nitroaniline	10.398	138	116557	37.408	ng	100
63) Azobenzene	10.527	77	501802	39.338	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	83522	38.398	ng	95
66) n-Nitrosodiphenylamine	10.486	169	408555	40.759	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	144175	41.197	ng	97
68) Hexachlorobenzene	10.927	284	147297	40.874	ng	99
69) Atrazine	11.016	200	114088	37.940	ng	98
70) Pentachlorophenol	11.122	266	86291	37.449	ng	98
71) Phenanthrene	11.339	178	691100	40.095	ng	100
72) Anthracene	11.392	178	694305	40.071	ng	100
73) Carbazole	11.545	167	608137	39.007	ng	100
74) Di-n-butylphthalate	11.874	149	722112	40.113	ng	100
75) Fluoranthene	12.527	202	700802	38.350	ng	99
77) Benzidine	12.651	184	158992	37.236	ng	100
78) Pyrene	12.757	202	700603	42.509	ng	99
80) Butylbenzylphthalate	13.374	149	242906	42.551	ng	100
81) Benzo(a)anthracene	13.951	228	505085	39.246	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	144386	39.165	ng	97
83) Chrysene	13.986	228	478477	40.265	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	292322	45.402	ng	99
85) Di-n-octyl phthalate	14.574	149	453134	49.334	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	504388	46.037	ng	100
88) Benzo(b)fluoranthene	15.015	252	490636	41.209	ng	99
89) Benzo(k)fluoranthene	15.045	252	359014	35.313	ng	98
90) Benzo(a)pyrene	15.374	252	383923	39.851	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	415551	46.809	ng	98
92) Benzo(g,h,i)perylene	17.327	276	435173	46.843	ng	99

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

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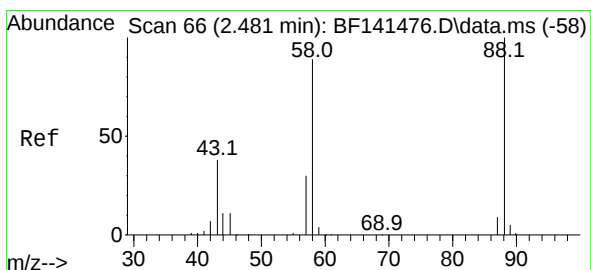
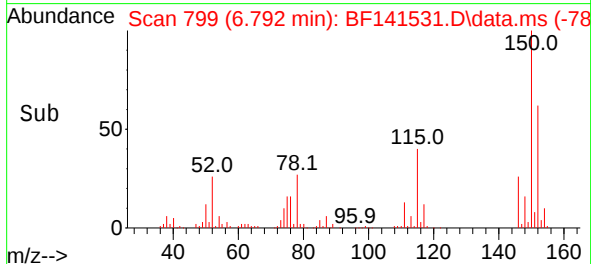
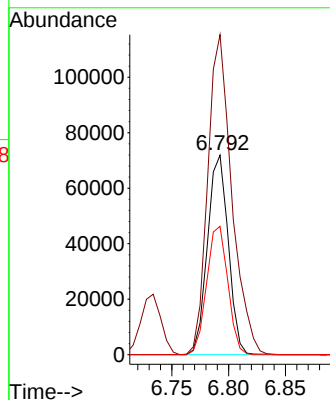
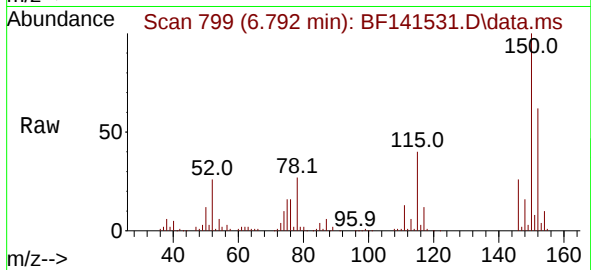




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

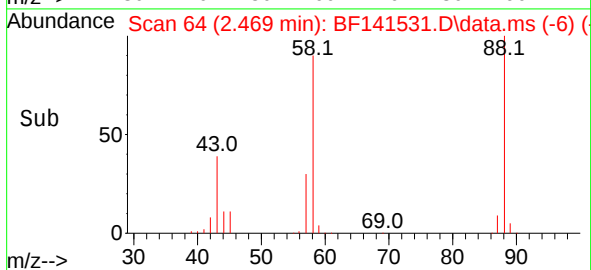
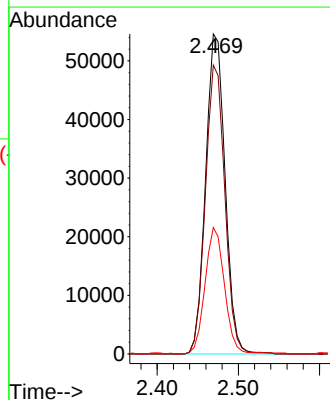
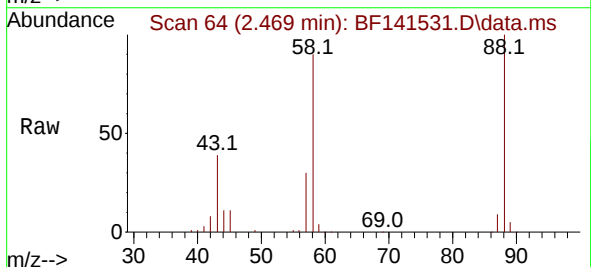
Instrument :
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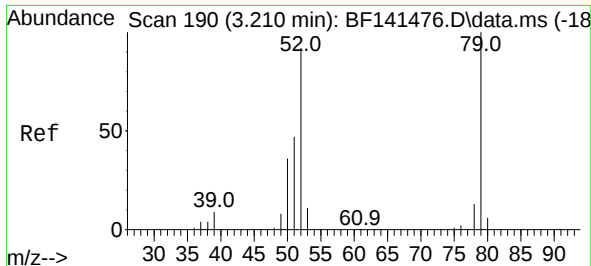
Tgt Ion:152 Resp: 91504
Ion Ratio Lower Upper
152 100
150 160.4 125.0 187.4
115 64.3 53.6 80.4



#2
1,4-Dioxane
Concen: 38.728 ng
RT: 2.469 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion: 88 Resp: 90976
Ion Ratio Lower Upper
88 100
58 90.2 71.1 106.7
43 39.7 30.6 46.0





#3

Pyridine

Concen: 39.606 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

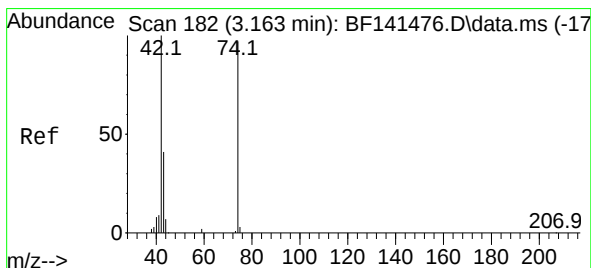
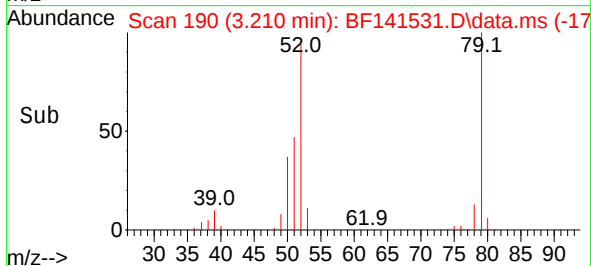
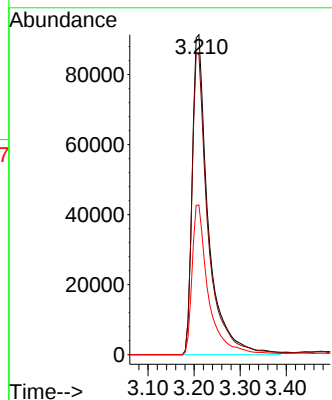
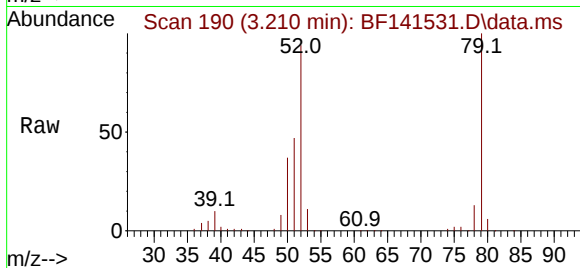
Tgt Ion: 79 Resp: 221401

Ion Ratio Lower Upper

79 100

52 93.9 73.7 110.5

51 46.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.614 ng

RT: 3.157 min Scan# 181

Delta R.T. -0.029 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

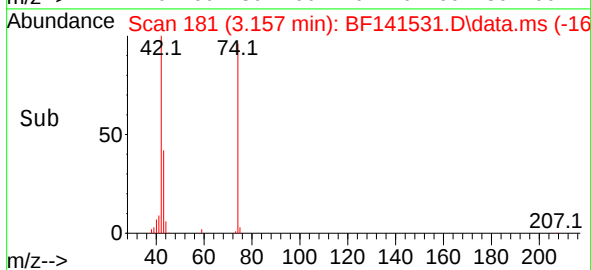
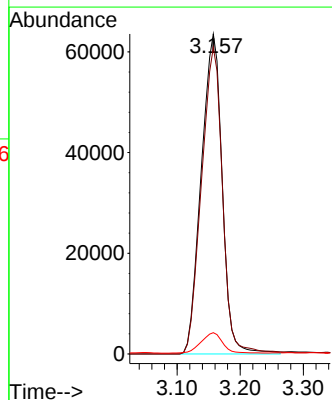
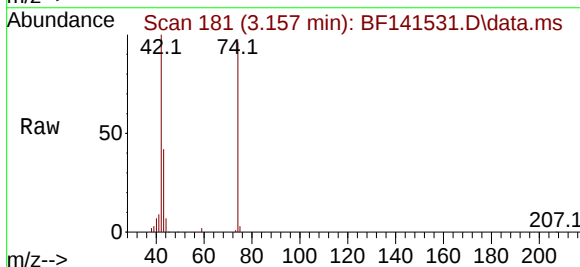
Tgt Ion: 42 Resp: 146628

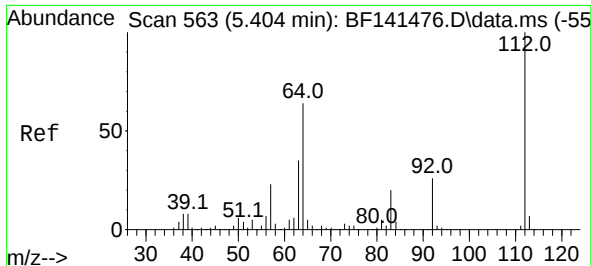
Ion Ratio Lower Upper

42 100

74 95.8 78.0 117.0

44 6.7 5.4 8.2

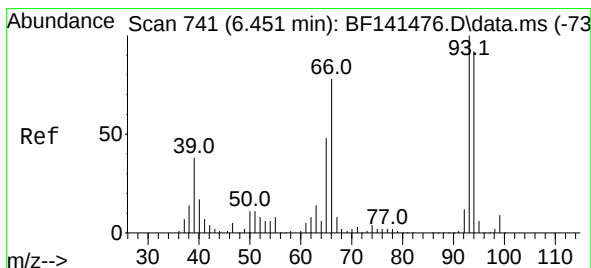
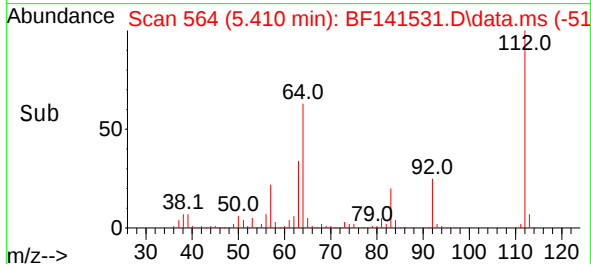
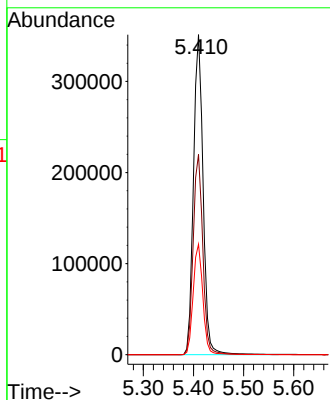
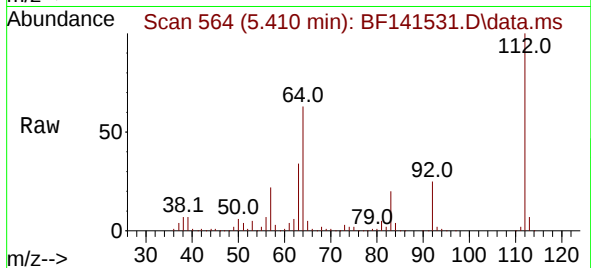




#5
2-Fluorophenol
Concen: 80.176 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

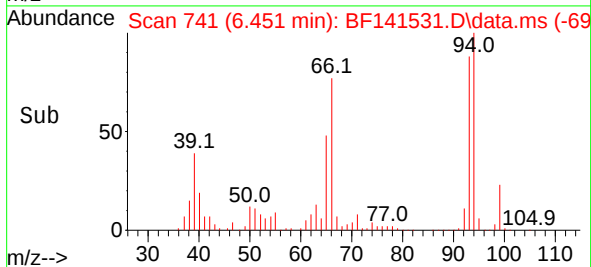
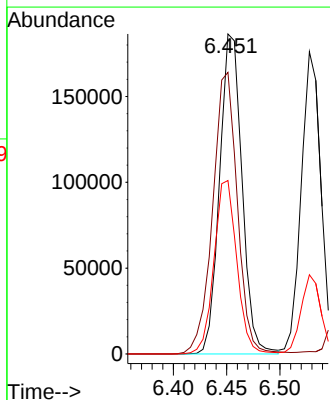
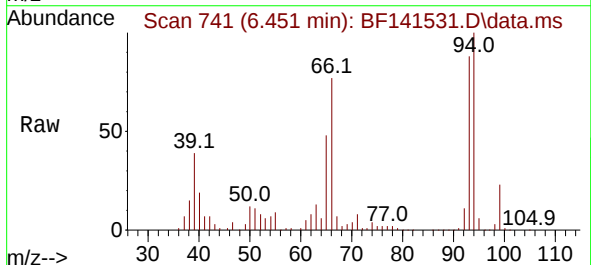
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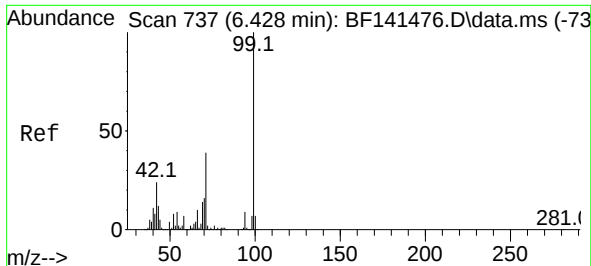
Tgt Ion:112 Resp: 467960
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 34.5 28.4 42.6



#6
Aniline
Concen: 39.376 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion: 93 Resp: 272486
Ion Ratio Lower Upper
93 100
66 88.0 62.6 94.0
65 54.2 38.3 57.5

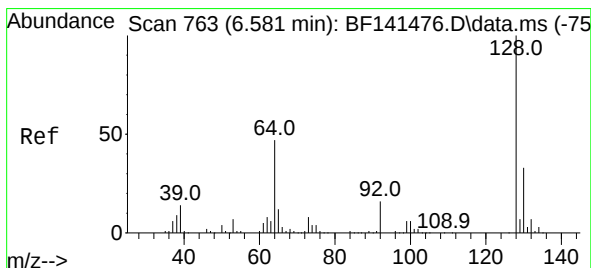
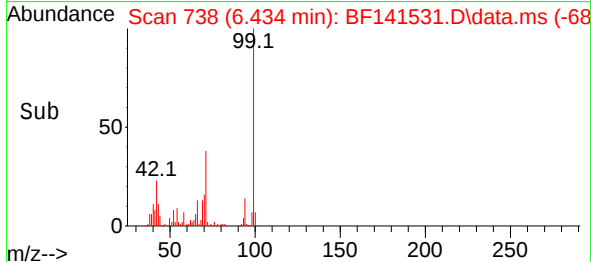
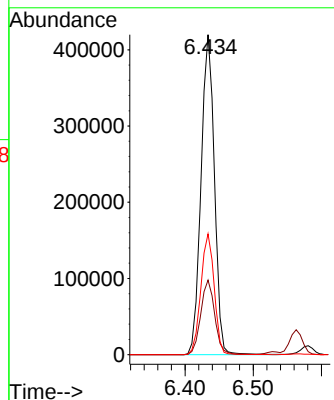
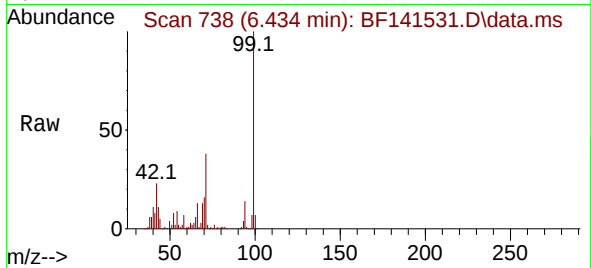




#7
Phenol-d6
Concen: 77.687 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

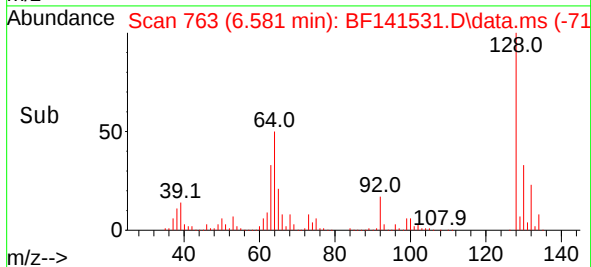
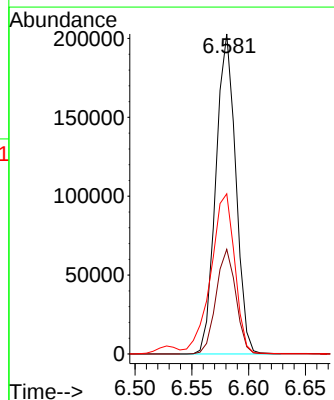
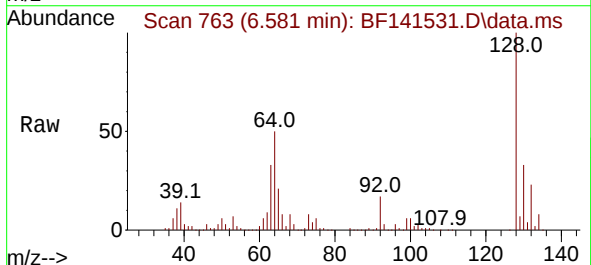
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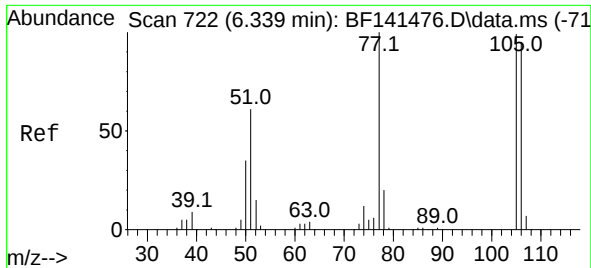
Tgt Ion: 99 Resp: 573104
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 37.8 31.1 46.7



#8
2-Chlorophenol
Concen: 39.158 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:128 Resp: 246962
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 50.1 28.3 68.3

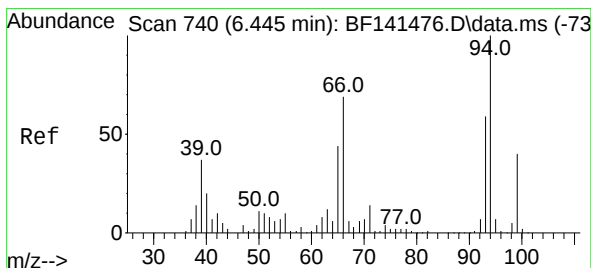
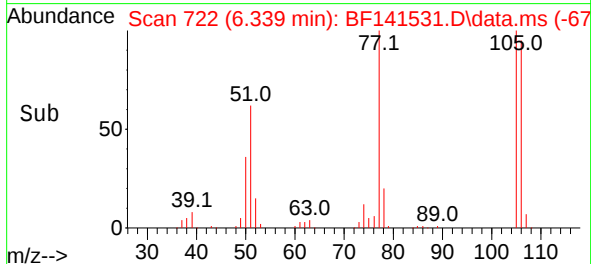
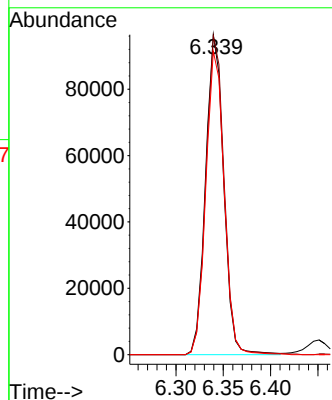
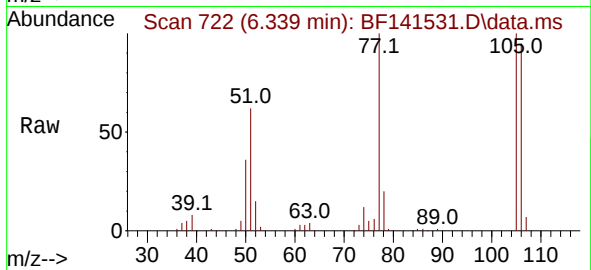




#9
Benzaldehyde
Concen: 32.674 ng
RT: 6.339 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

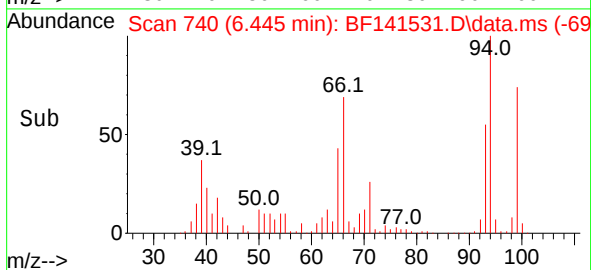
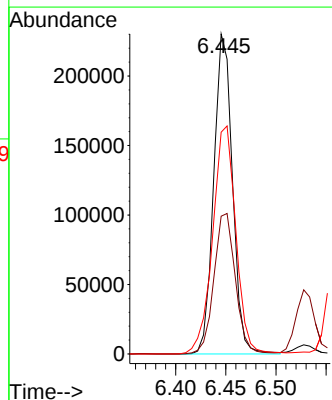
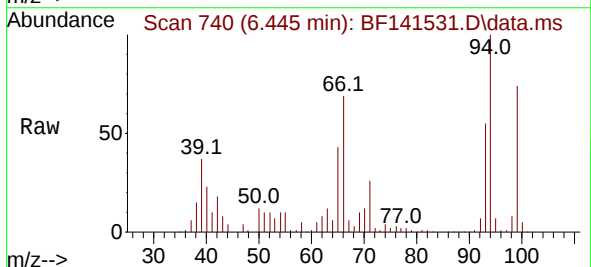
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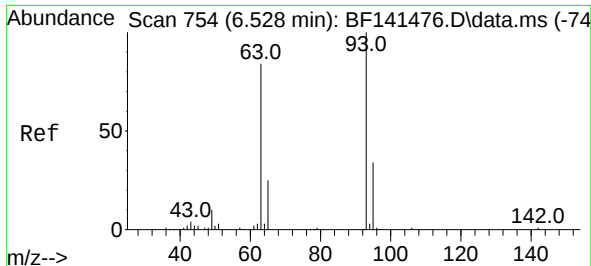
Tgt Ion: 77 Resp: 128088
Ion Ratio Lower Upper
77 100
105 99.6 79.4 119.4
106 94.8 75.1 115.1



#10
Phenol
Concen: 38.940 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion: 94 Resp: 298987
Ion Ratio Lower Upper
94 100
65 43.1 23.7 63.7
66 69.3 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 39.036 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

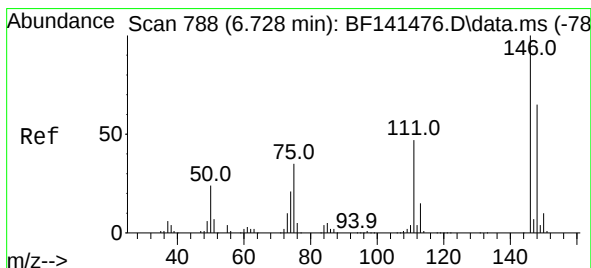
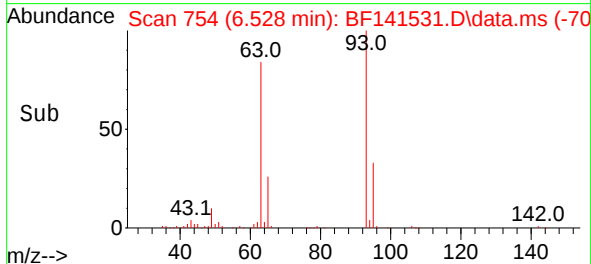
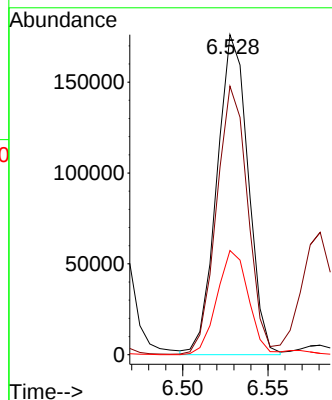
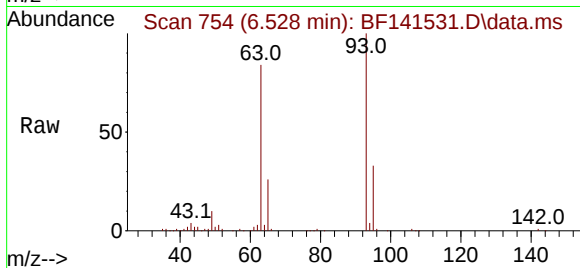
Tgt Ion: 93 Resp: 225126

Ion Ratio Lower Upper

93 100

63 83.9 62.0 102.0

95 32.5 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.668 ng

RT: 6.734 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

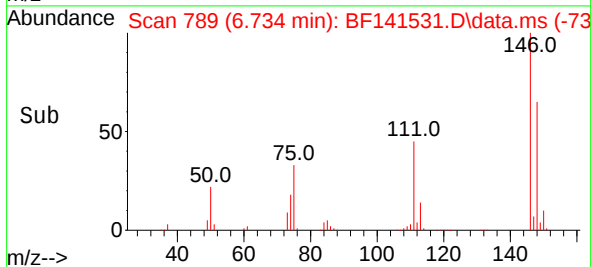
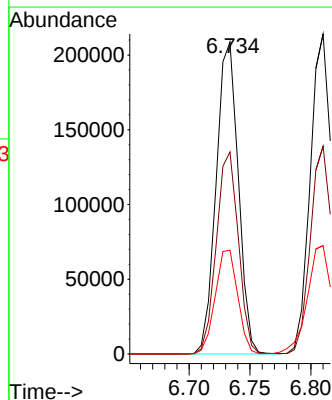
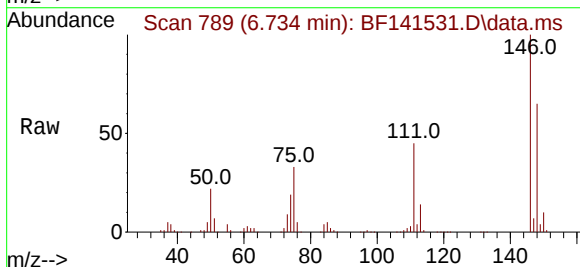
Tgt Ion:146 Resp: 264114

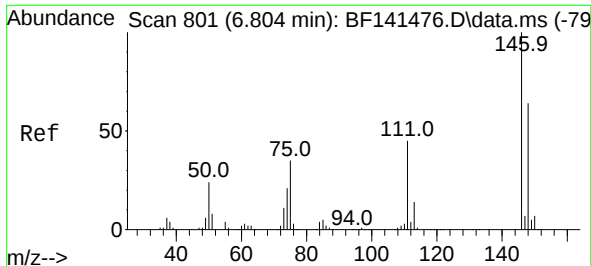
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.023 ng

RT: 6.810 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

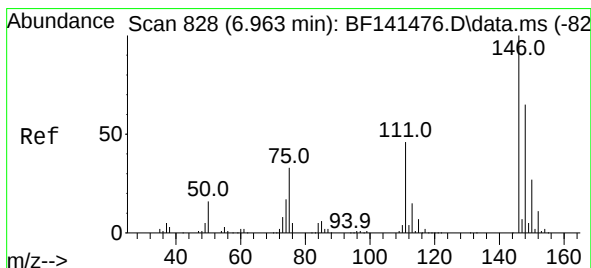
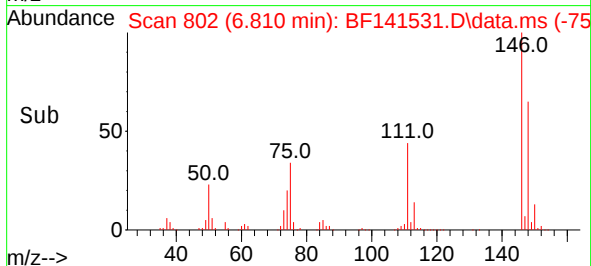
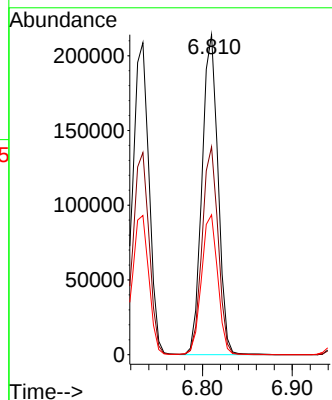
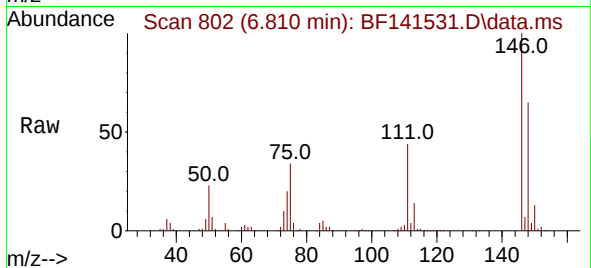
Tgt Ion:146 Resp: 265465

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

111 43.7 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.967 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

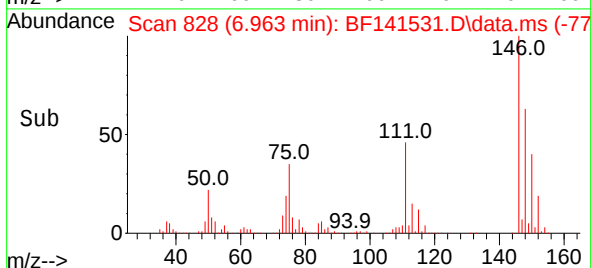
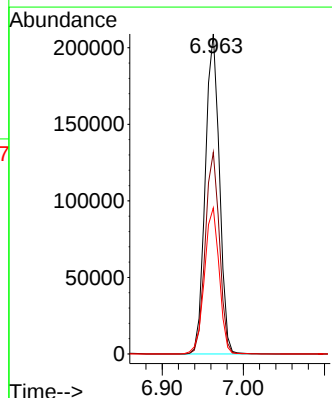
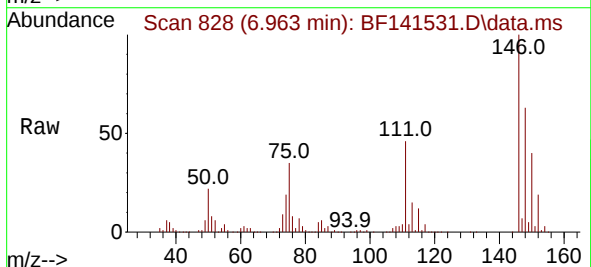
Tgt Ion:146 Resp: 252344

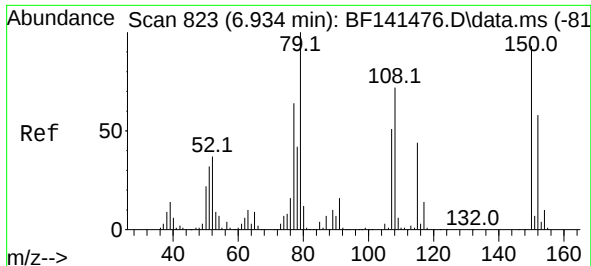
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

111 45.6 37.0 55.4





#15

Benzyl Alcohol

Concen: 39.473 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

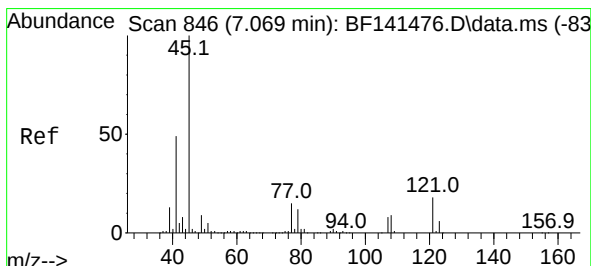
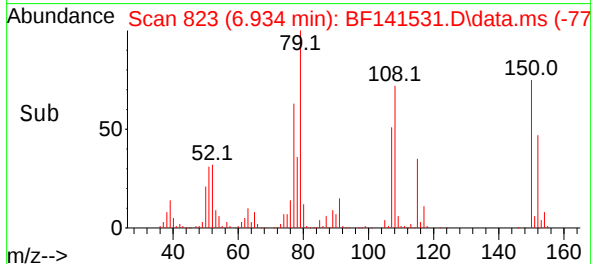
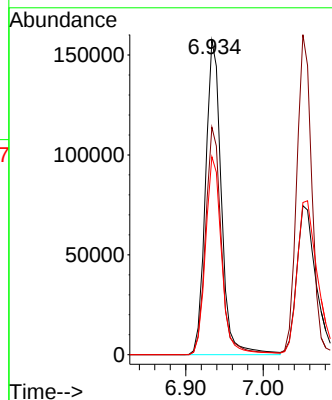
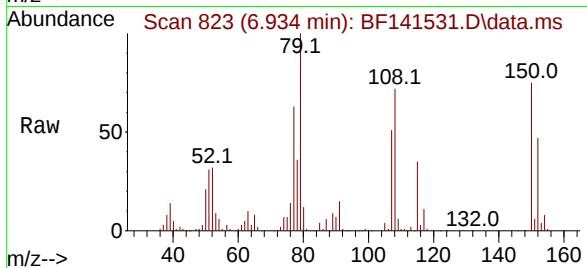
Tgt Ion: 79 Resp: 223304

Ion Ratio Lower Upper

79 100

108 72.4 57.4 86.2

77 63.0 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.715 ng

RT: 7.069 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

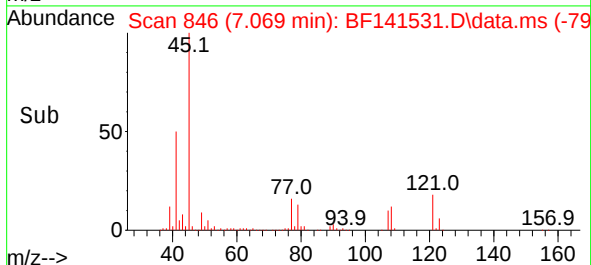
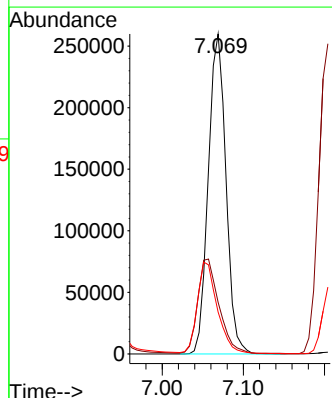
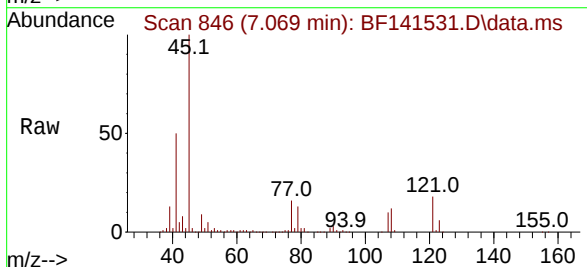
Tgt Ion: 45 Resp: 392078

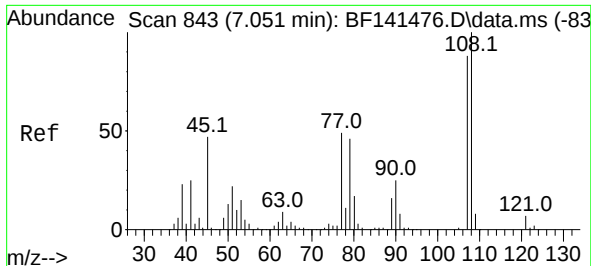
Ion Ratio Lower Upper

45 100

77 16.2 0.0 35.8

79 13.1 0.0 32.7

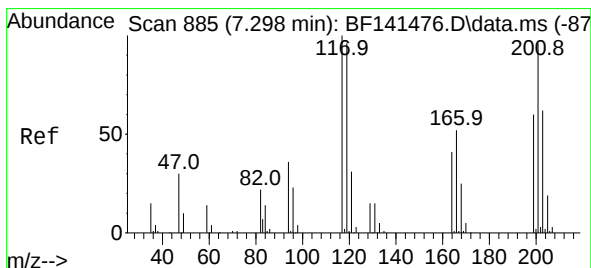
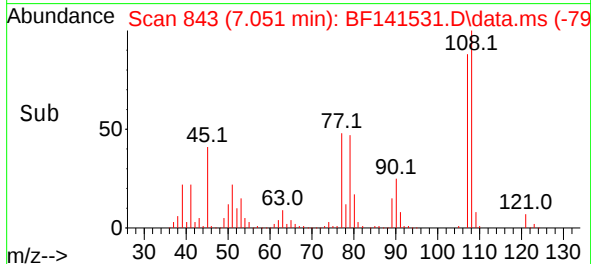
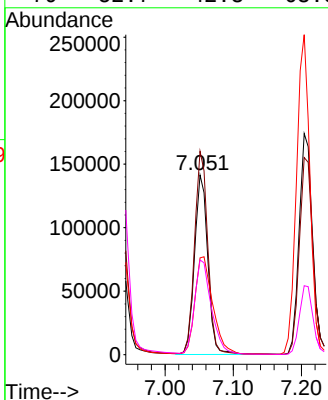
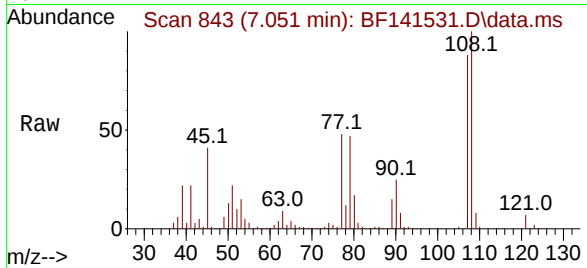




#17
2-Methylphenol
Concen: 39.034 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

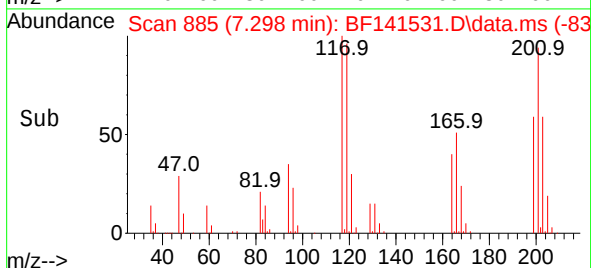
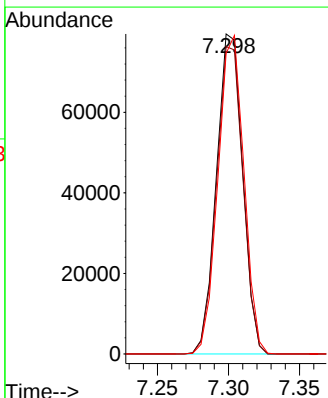
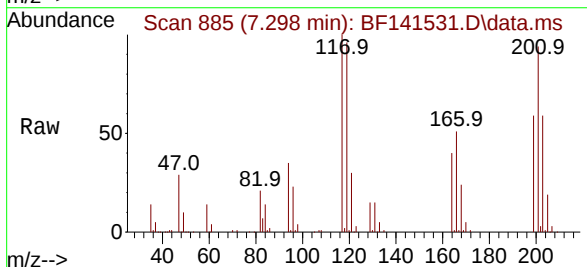
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

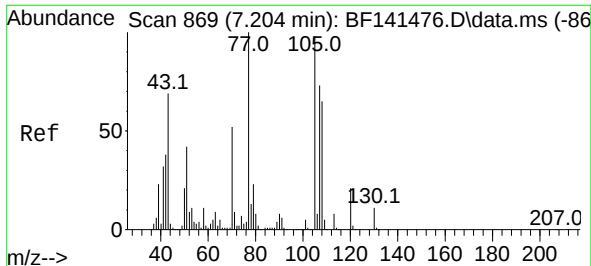
Tgt Ion:	107	Resp:	192649
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	136.0
77	53.8	44.4	66.6
79	52.7	42.3	63.5



#18
Hexachloroethane
Concen: 40.642 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:	117	Resp:	102320
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.5	114.7
201	93.9	76.7	115.1



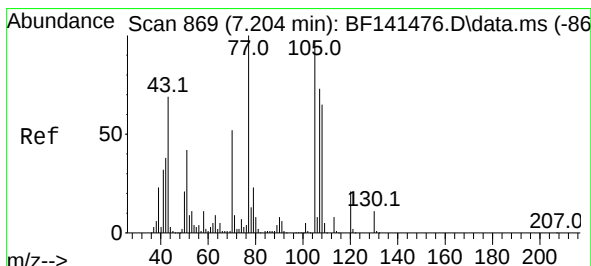
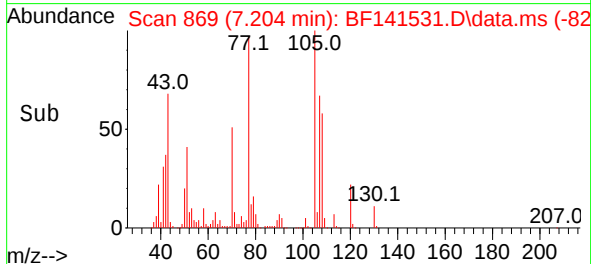
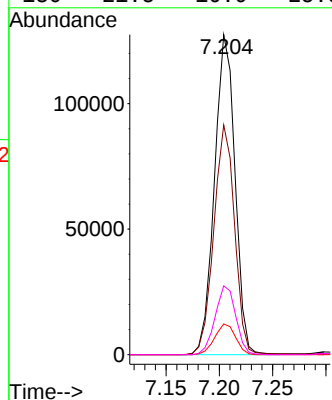
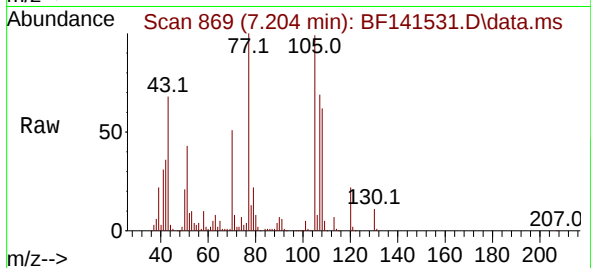


#19
n-Nitroso-di-n-propylamine
Concen: 38.706 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 170797

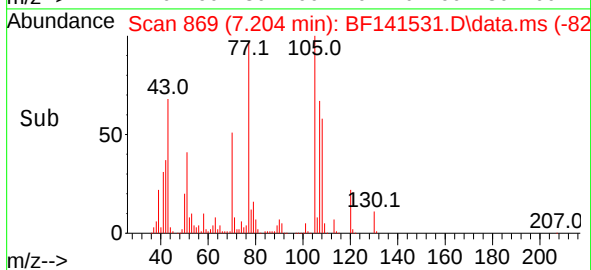
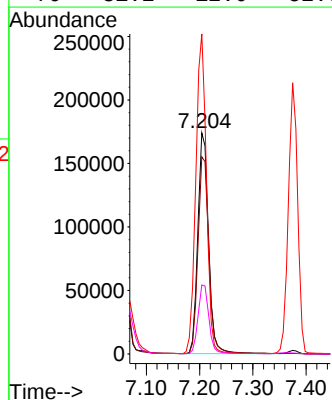
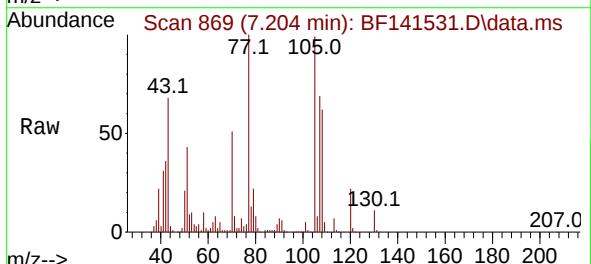
Ion	Ratio	Lower	Upper
70	100		
42	71.8	57.4	86.2
101	9.6	8.0	12.0
130	21.5	16.9	25.3

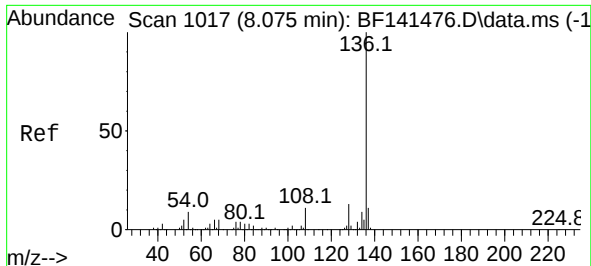


#20
3+4-Methylphenols
Concen: 38.569 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion: 107 Resp: 241913

Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.5	108.5
77	144.7	116.5	156.5
79	31.2	12.0	52.0

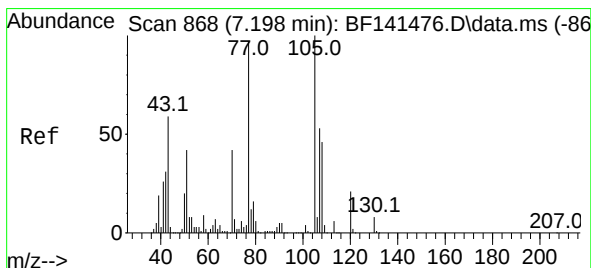
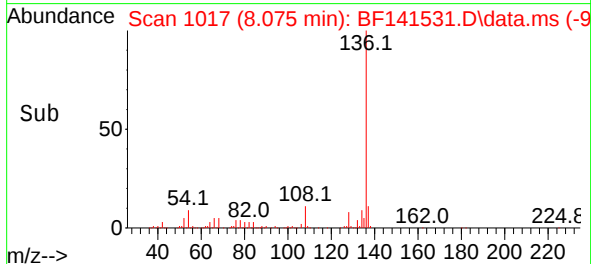
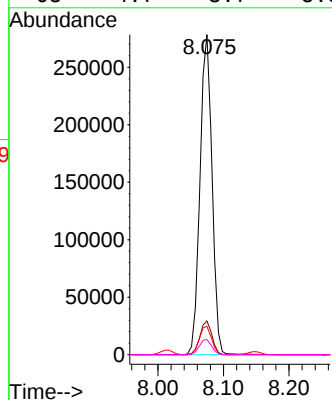
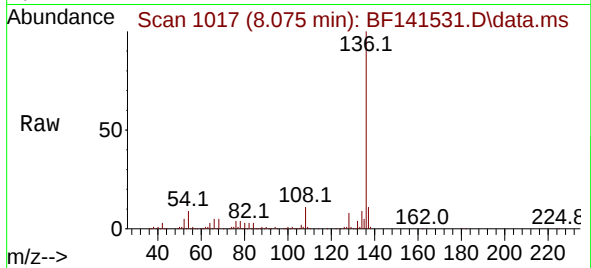




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

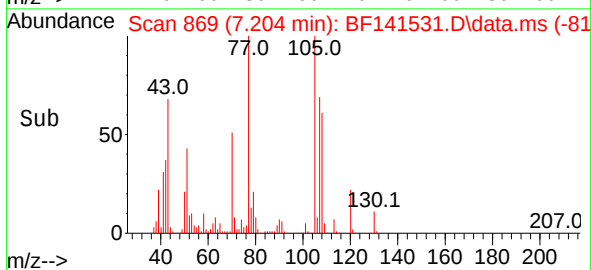
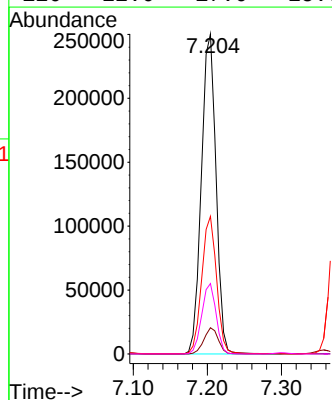
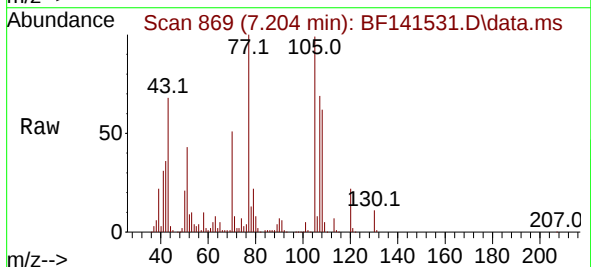
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

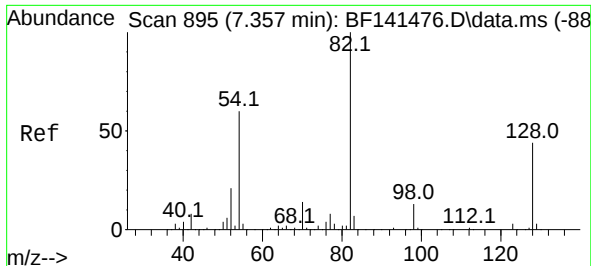
Tgt Ion:136 Resp: 356056
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.9 7.2 10.8
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 38.827 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:105 Resp: 343898
Ion Ratio Lower Upper
105 100
71 8.2 5.7 8.5
51 43.0 33.7 50.5
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.840 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

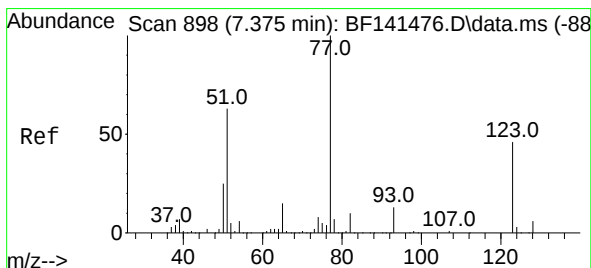
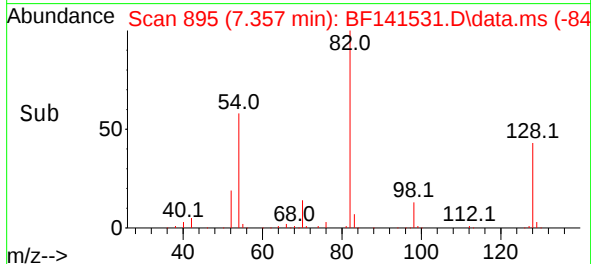
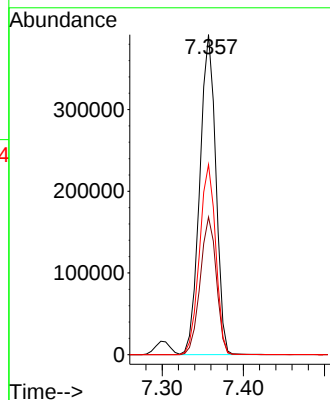
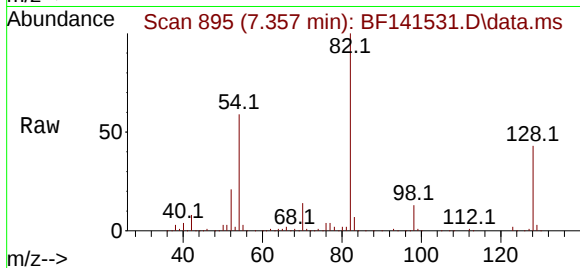
Tgt Ion: 82 Resp: 538199

Ion Ratio Lower Upper

82 100

128 43.0 34.8 52.2

54 59.4 48.2 72.4



#24

Nitrobenzene

Concen: 39.108 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

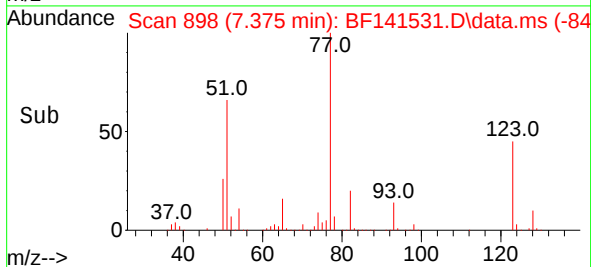
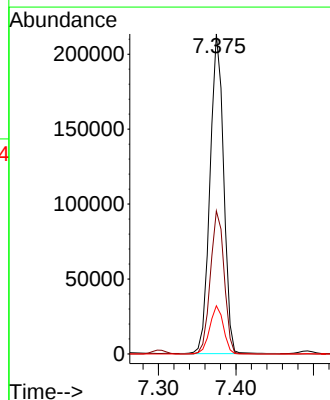
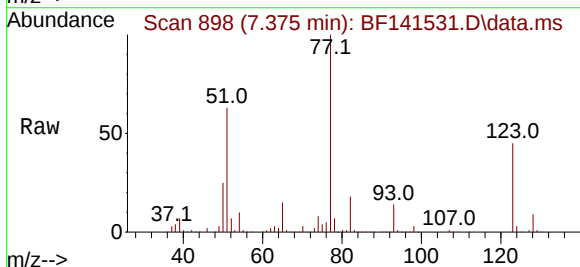
Tgt Ion: 77 Resp: 260329

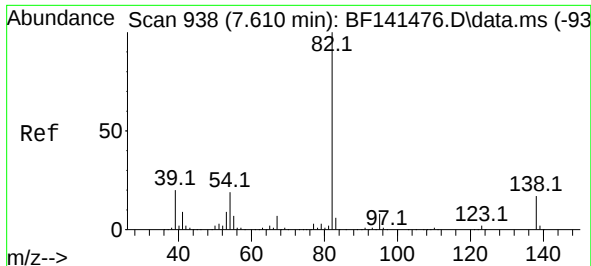
Ion Ratio Lower Upper

77 100

123 44.7 36.9 55.3

65 15.0 11.9 17.9

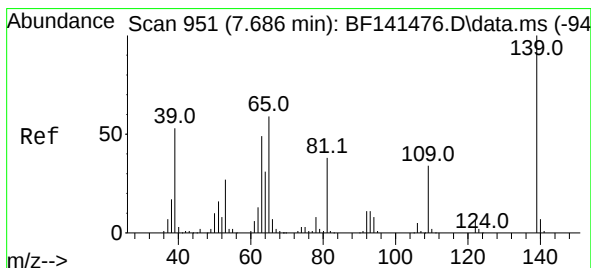
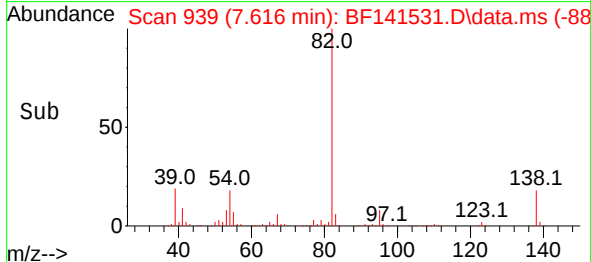
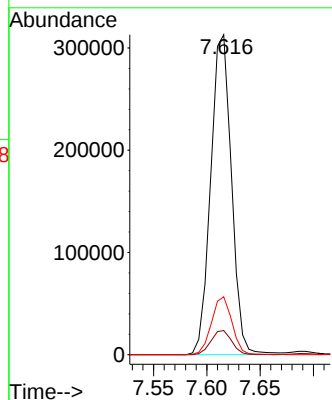
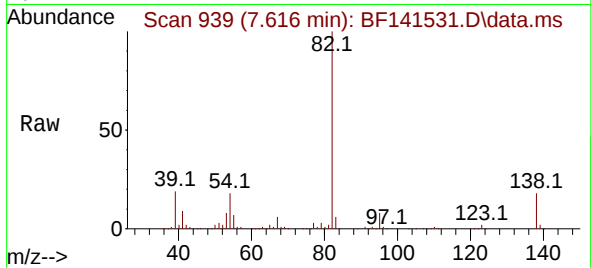




#25
Isophorone
Concen: 38.993 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

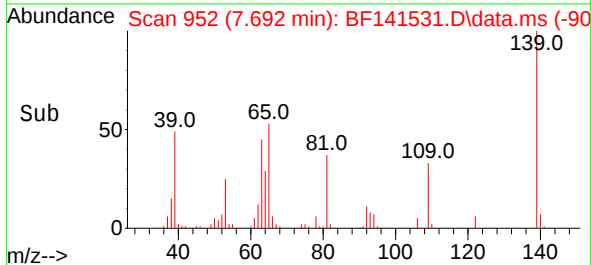
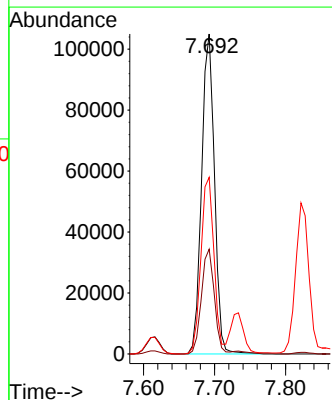
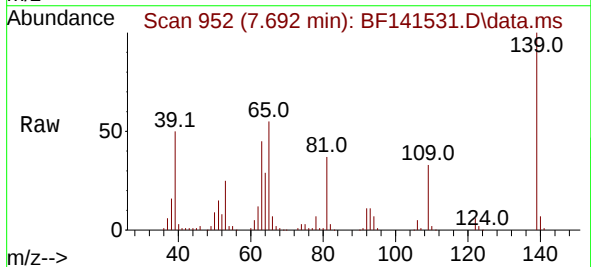
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

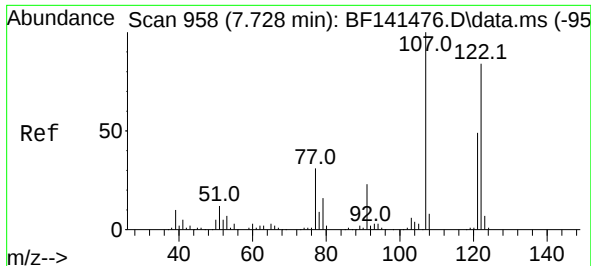
Tgt Ion: 82 Resp: 424424
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 40.102 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:139 Resp: 132810
Ion Ratio Lower Upper
139 100
109 32.7 27.0 40.6
65 55.2 47.1 70.7

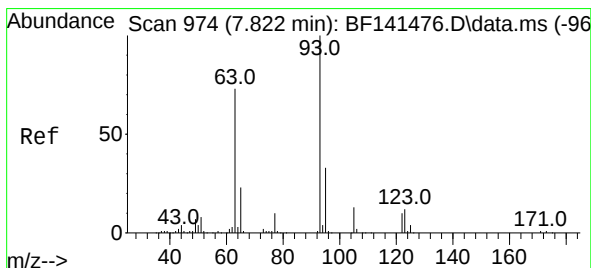
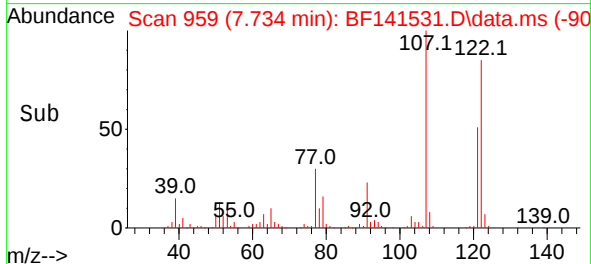
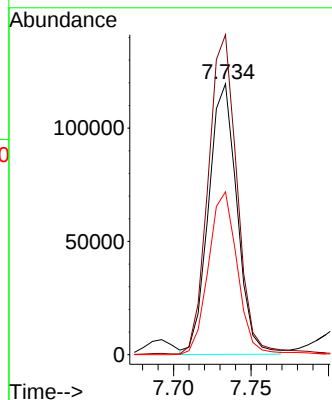
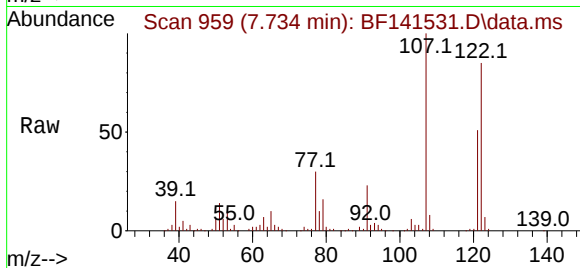




#27
2,4-Dimethylphenol
Concen: 39.519 ng
RT: 7.734 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

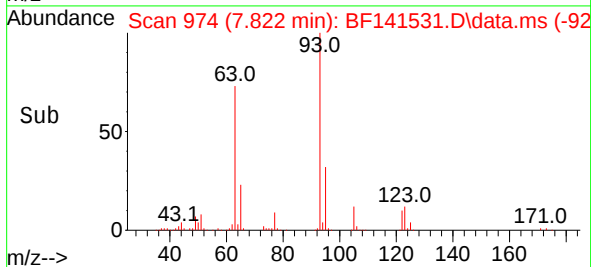
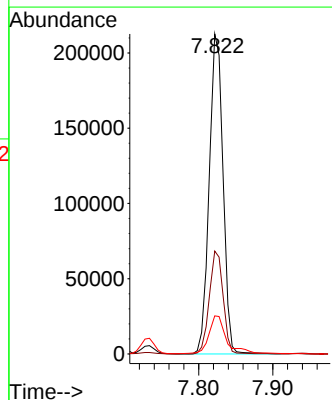
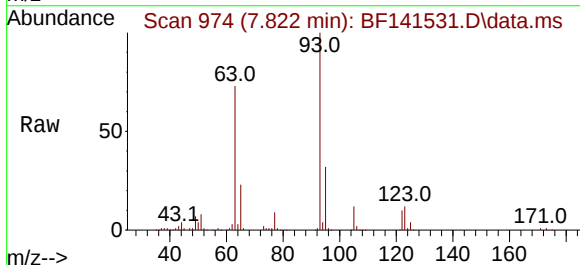
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

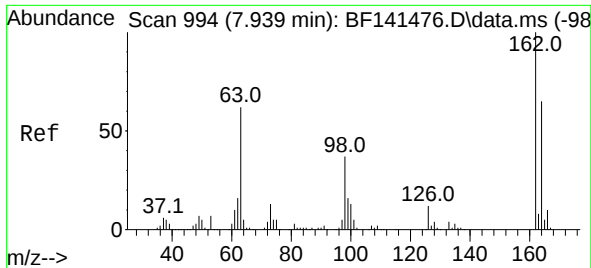
Tgt Ion:122 Resp: 152895
Ion Ratio Lower Upper
122 100
107 118.1 94.3 141.5
121 60.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.467 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion: 93 Resp: 275268
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.9 9.5 14.3

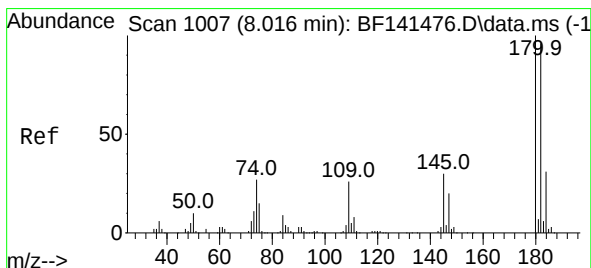
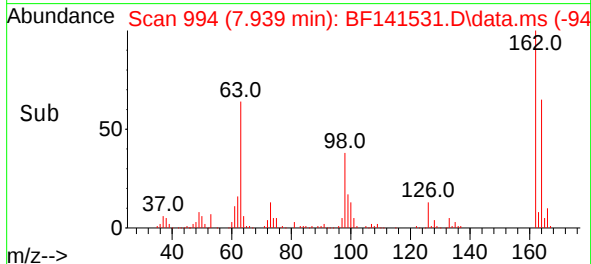
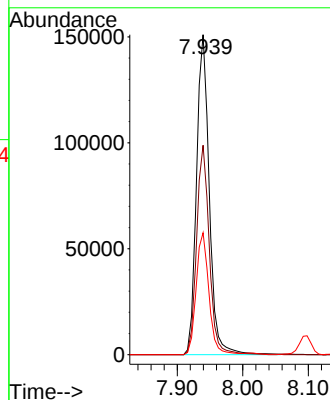
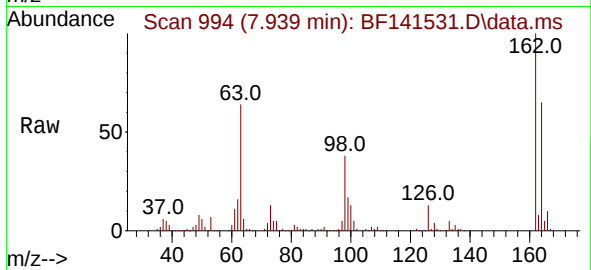




#29
2,4-Dichlorophenol
Concen: 39.280 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

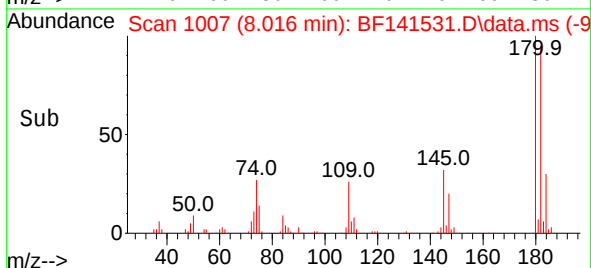
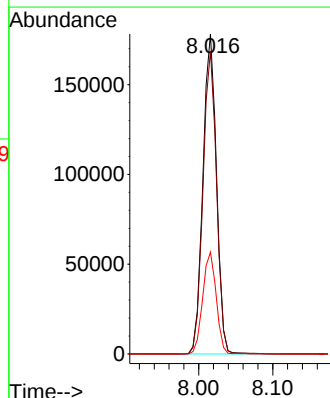
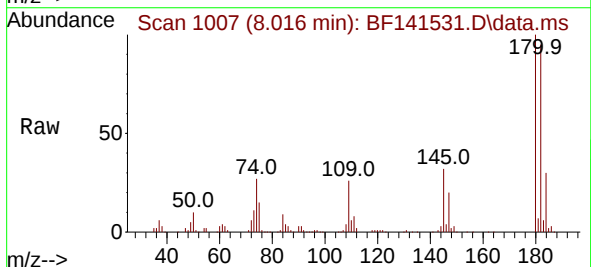
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

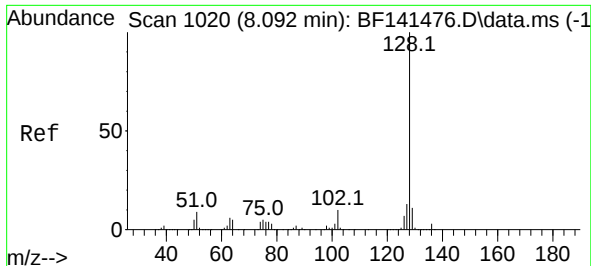
Tgt Ion:162 Resp: 205336
Ion Ratio Lower Upper
162 100
164 65.5 44.6 84.6
98 38.1 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 39.705 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:180 Resp: 226022
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 31.9 24.2 36.4





#31

Naphthalene

Concen: 39.639 ng

RT: 8.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

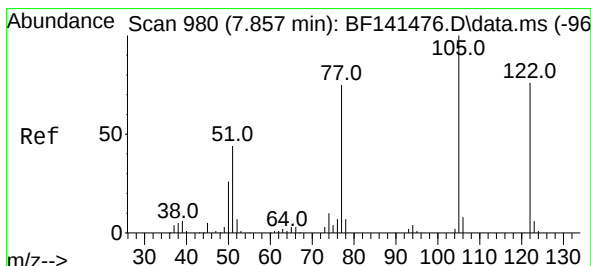
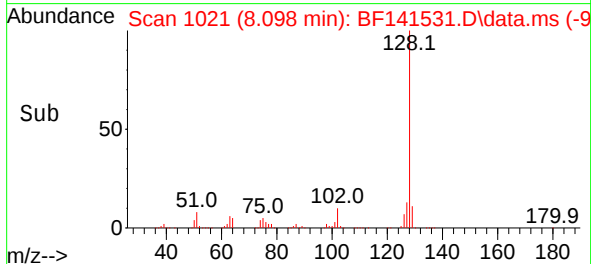
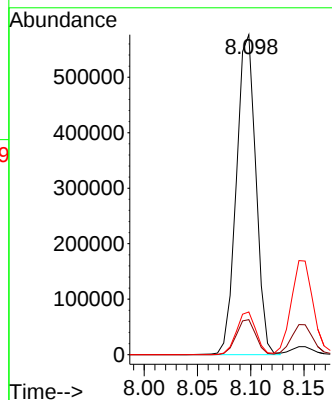
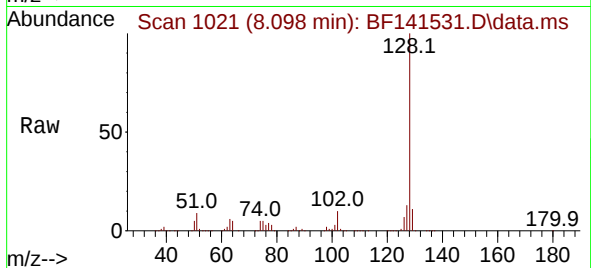
Tgt Ion:128 Resp: 734667

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 34.738 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.035 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

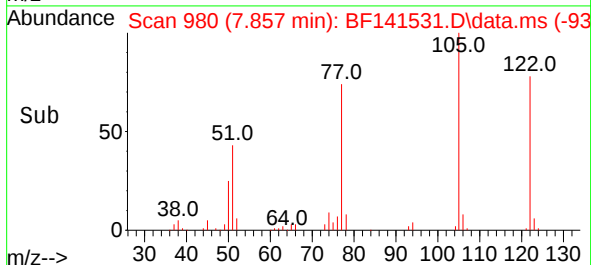
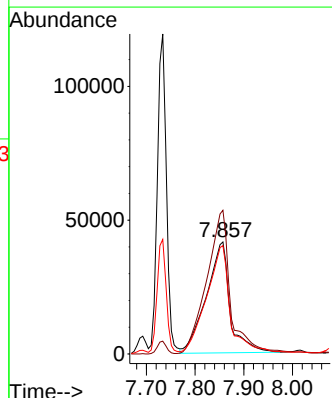
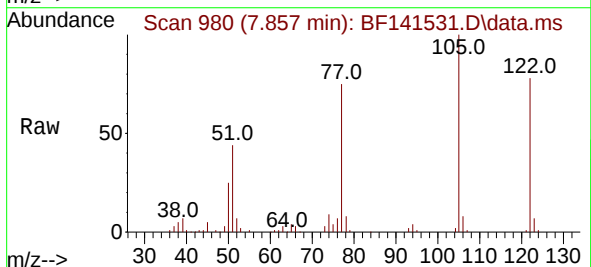
Tgt Ion:122 Resp: 139602

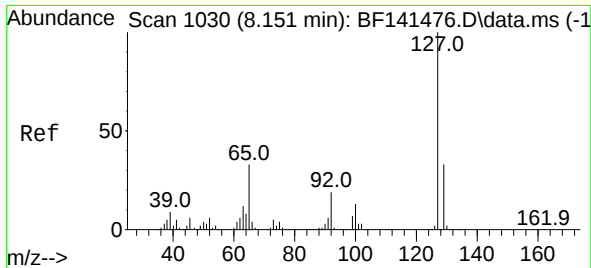
Ion Ratio Lower Upper

122 100

105 128.4 106.5 146.5

77 96.8 76.3 116.3





#33

4-Chloroaniline

Concen: 38.208 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 247243

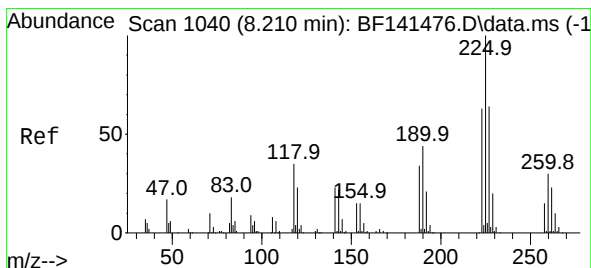
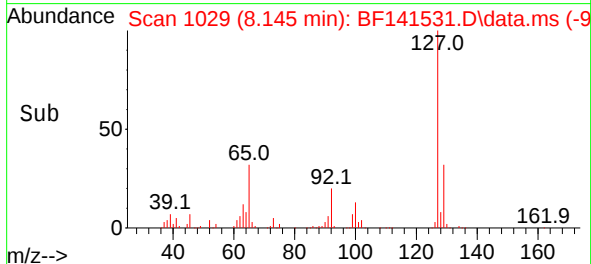
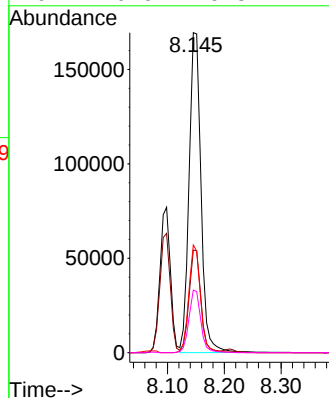
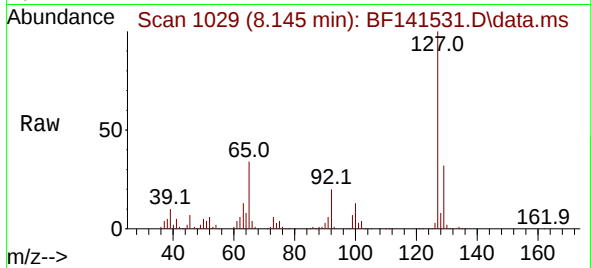
Ion Ratio Lower Upper

127 100

129 32.1 26.5 39.7

65 33.6 26.4 39.6

92 19.5 15.3 22.9



#34

Hexachlorobutadiene

Concen: 41.054 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

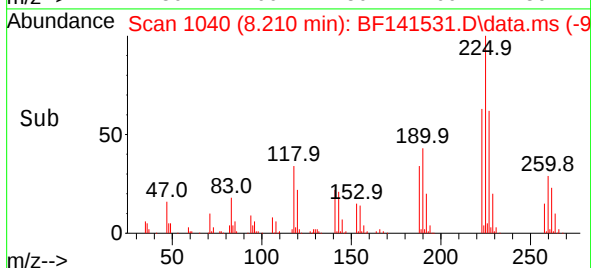
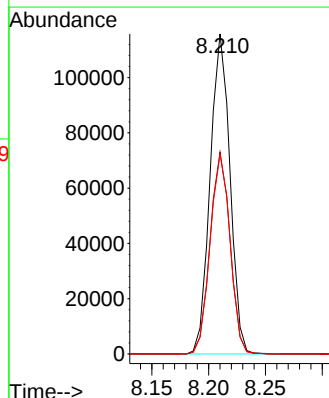
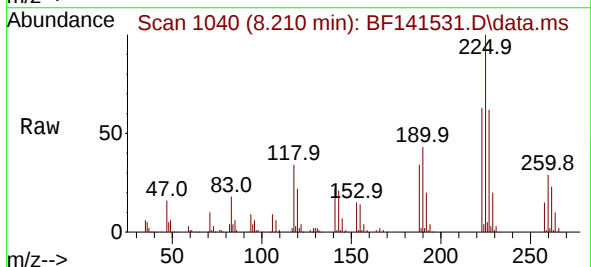
Tgt Ion:225 Resp: 140298

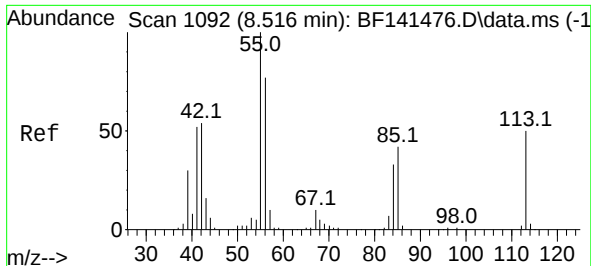
Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

227 62.4 51.0 76.6





#35

Caprolactam

Concen: 38.739 ng

RT: 8.516 min Scan# 1

Delta R.T. -0.029 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

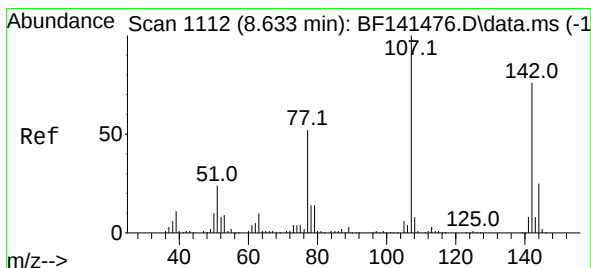
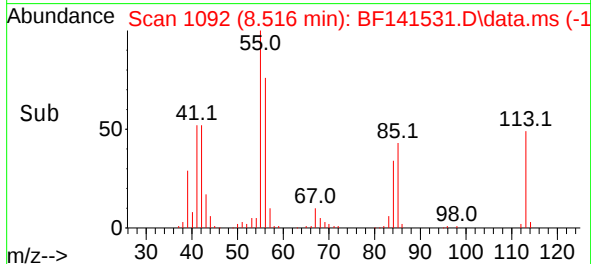
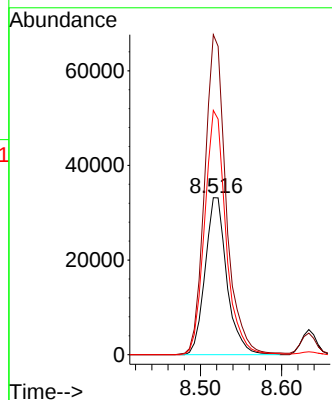
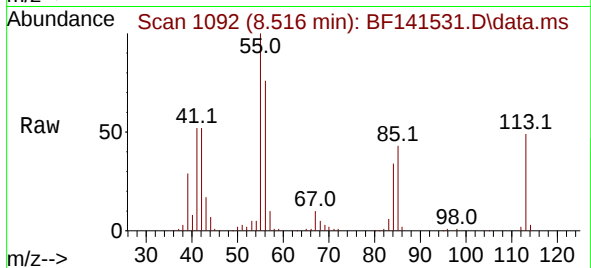
Tgt Ion:113 Resp: 61657

Ion Ratio Lower Upper

113 100

55 203.9 180.8 220.8

56 155.7 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 38.947 ng

RT: 8.633 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

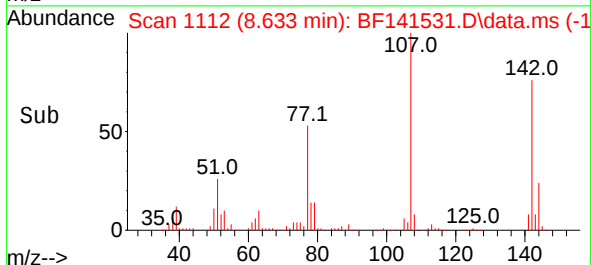
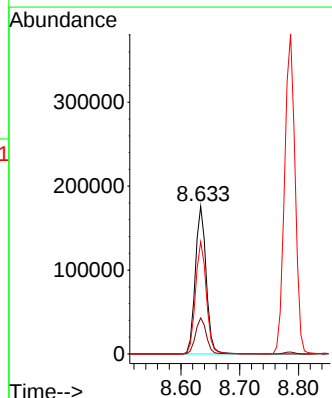
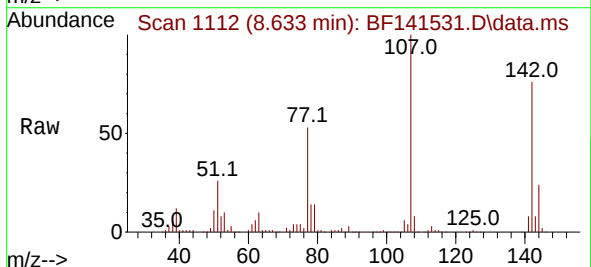
Tgt Ion:107 Resp: 225523

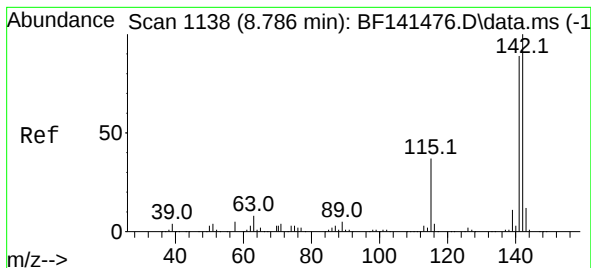
Ion Ratio Lower Upper

107 100

144 24.4 19.7 29.5

142 76.0 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.242 ng

RT: 8.786 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

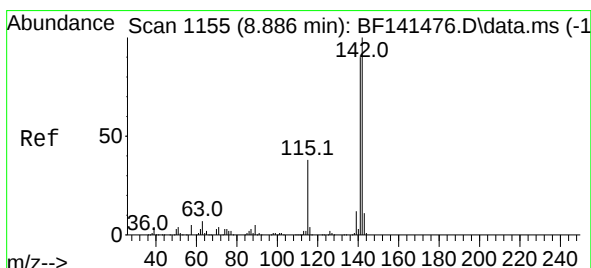
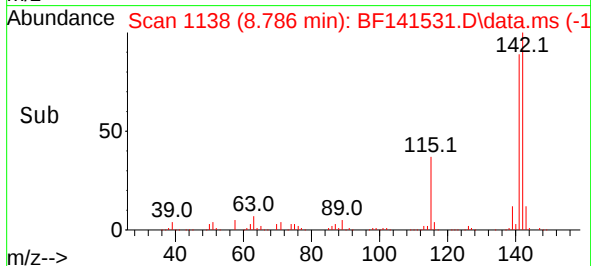
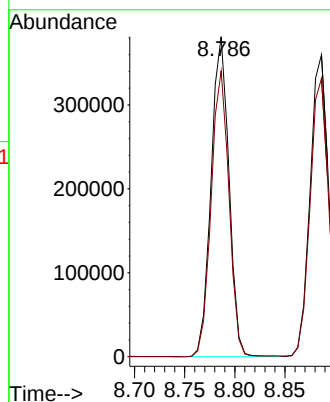
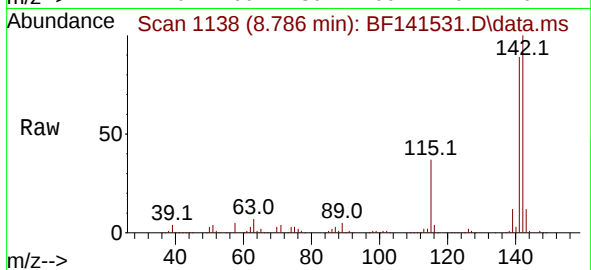
SSTDCCC040

Tgt Ion:142 Resp: 473288

Ion Ratio Lower Upper

142 100

141 89.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.931 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141531.D

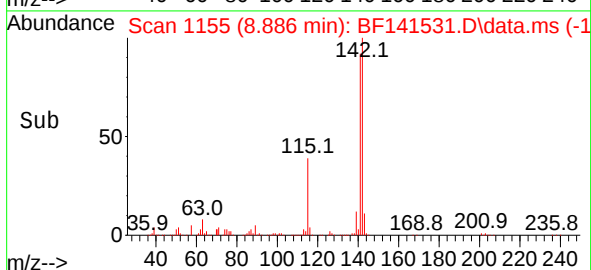
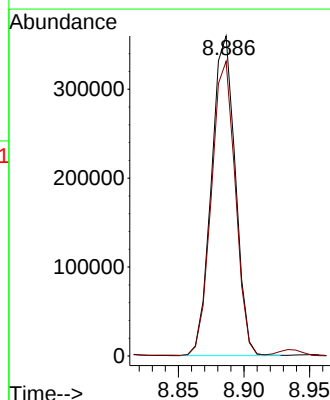
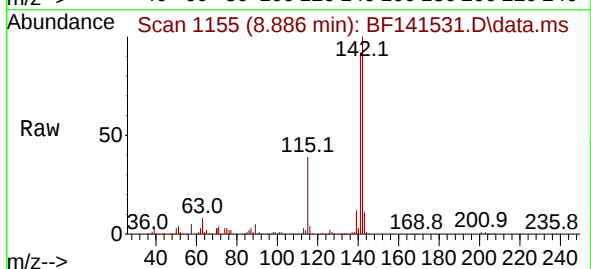
Acq: 10 Feb 2025 11:34

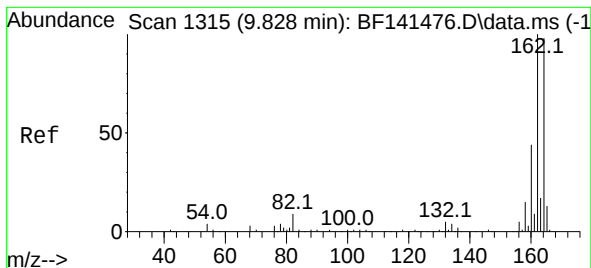
Tgt Ion:142 Resp: 454754

Ion Ratio Lower Upper

142 100

141 92.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

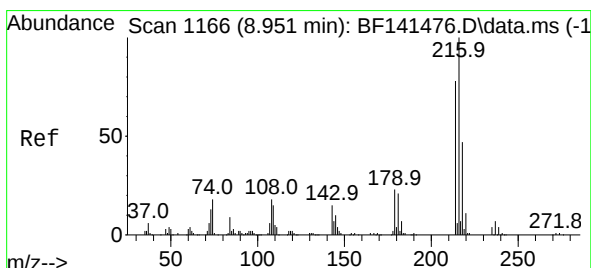
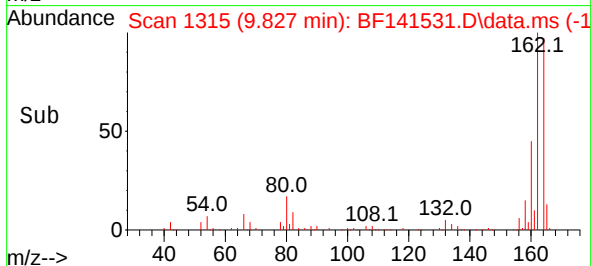
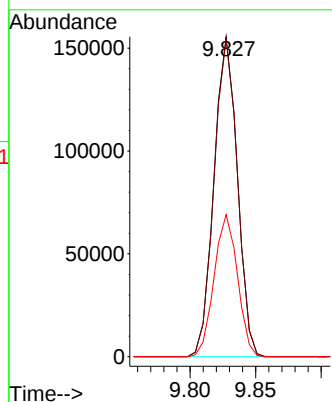
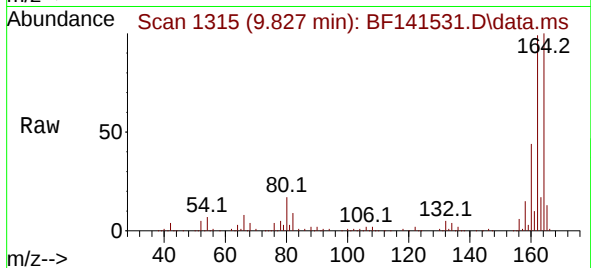
Tgt Ion:164 Resp: 192109

Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

160 44.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.116 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Tgt Ion:216 Resp: 222962

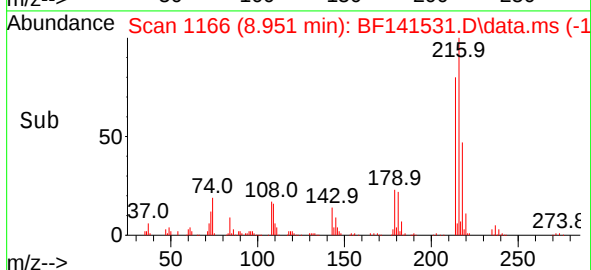
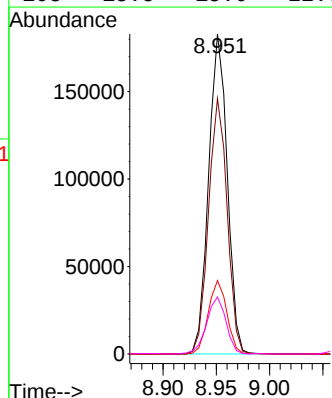
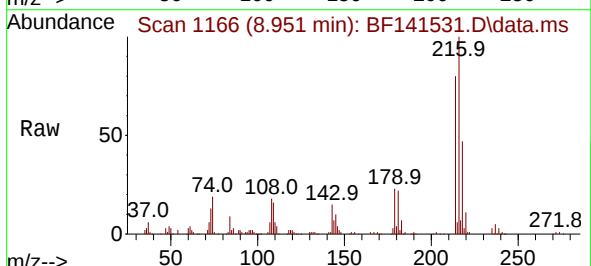
Ion Ratio Lower Upper

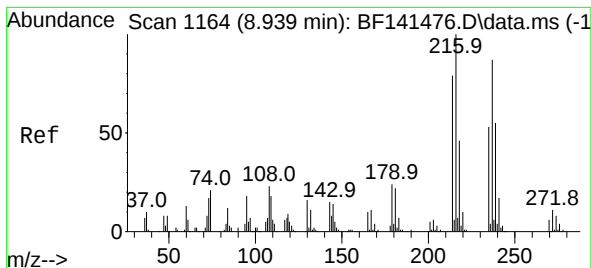
216 100

214 79.8 62.3 93.5

179 22.9 18.0 27.0

108 18.5 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 37.172 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

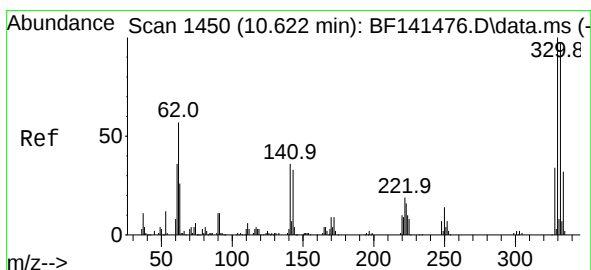
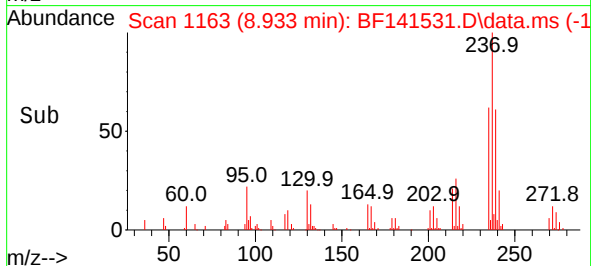
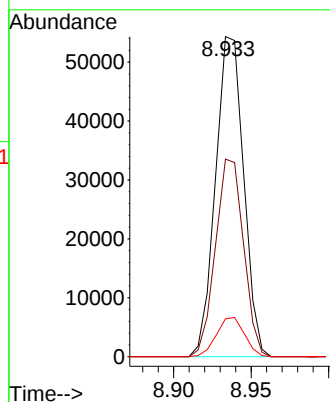
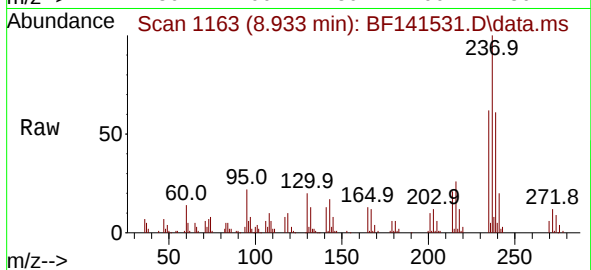
Tgt Ion:237 Resp: 68717

Ion Ratio Lower Upper

237 100

235 61.7 41.4 81.4

272 11.9 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 77.122 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

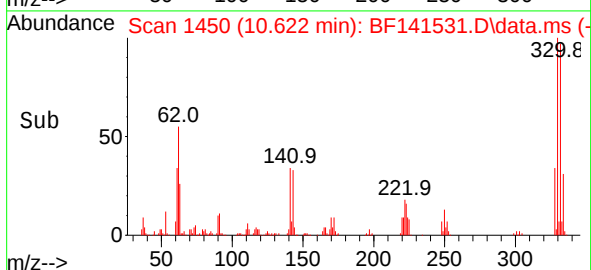
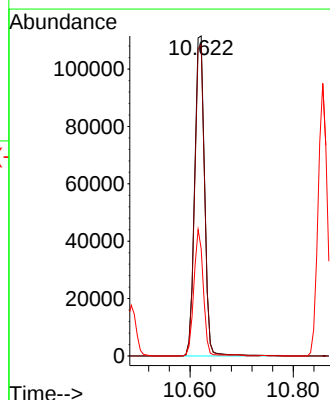
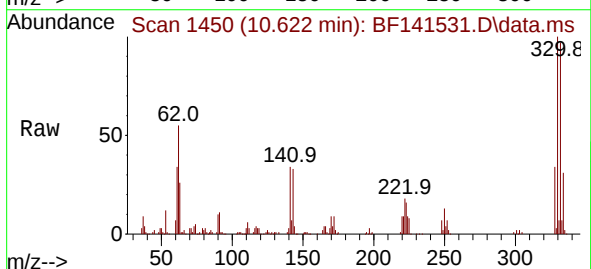
Tgt Ion:330 Resp: 148831

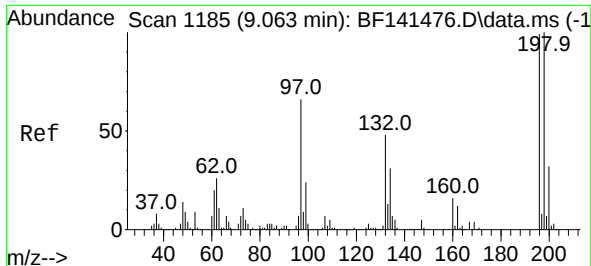
Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

141 37.5 31.0 46.4

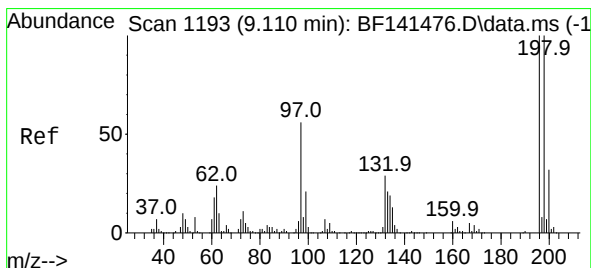
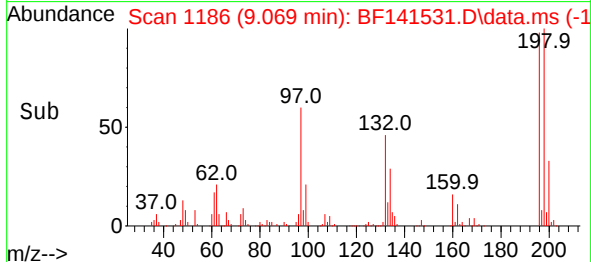
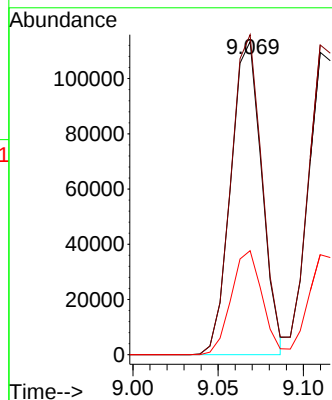
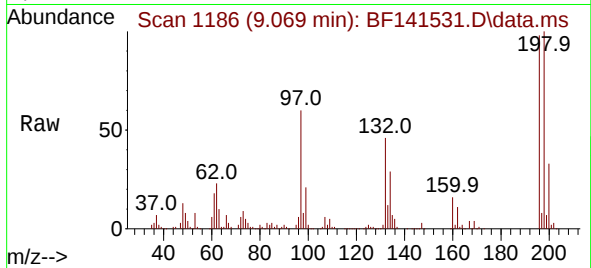




#43
2,4,6-Trichlorophenol
Concen: 39.950 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

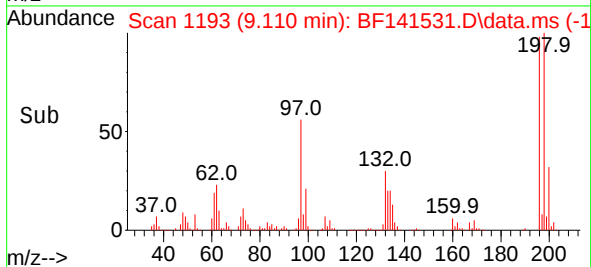
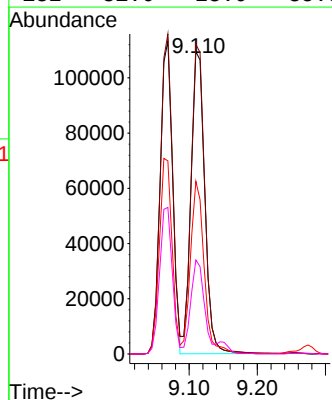
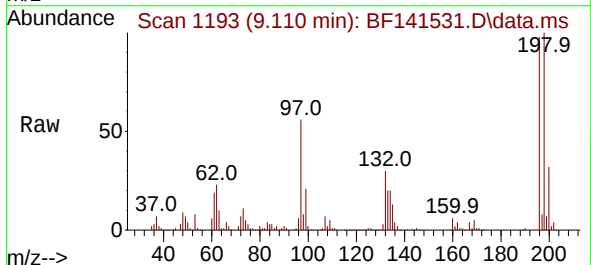
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

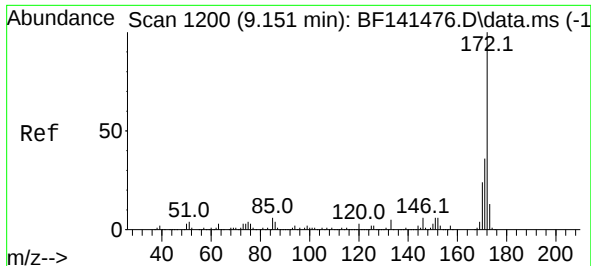
Tgt Ion:196 Resp: 143507
Ion Ratio Lower Upper
196 100
198 102.2 80.6 121.0
200 33.2 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 39.281 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:196 Resp: 152923
Ion Ratio Lower Upper
196 100
198 102.4 79.8 119.8
97 57.1 44.8 67.2
132 31.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.674 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

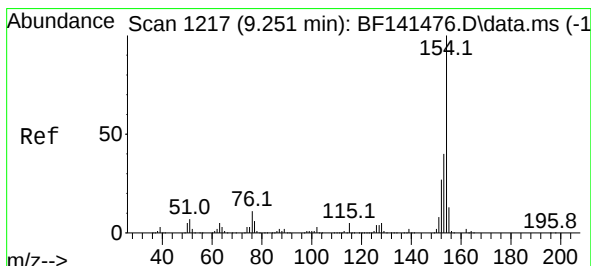
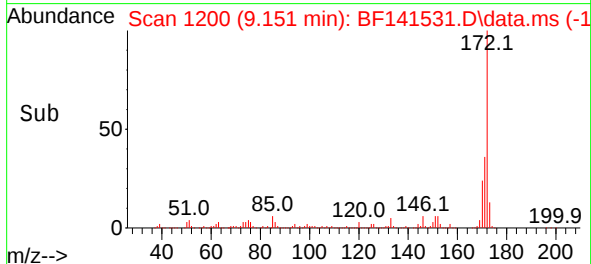
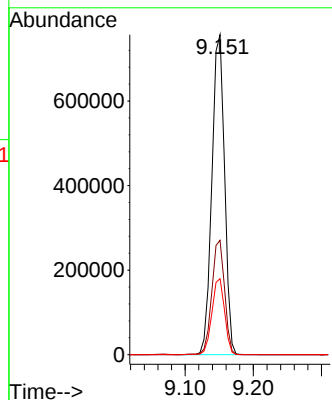
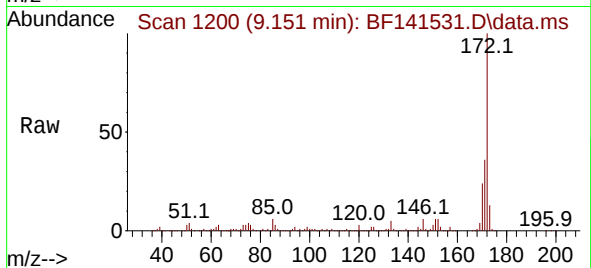
Tgt Ion:172 Resp: 981012

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.517 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

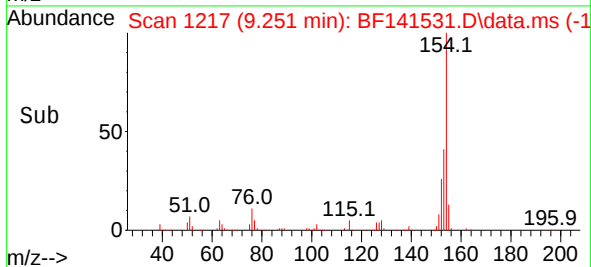
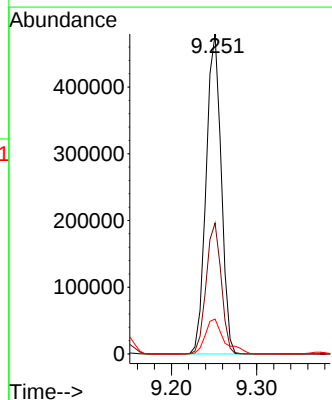
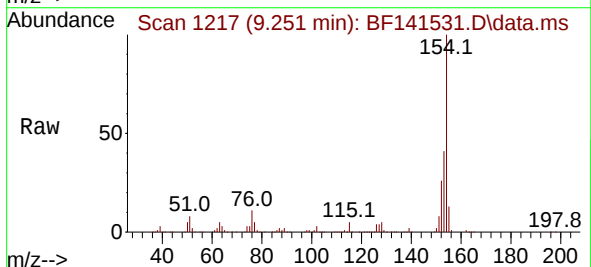
Tgt Ion:154 Resp: 588561

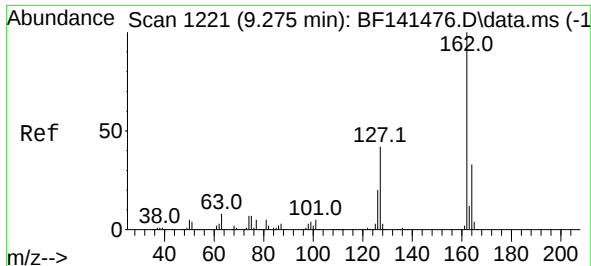
Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.887 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

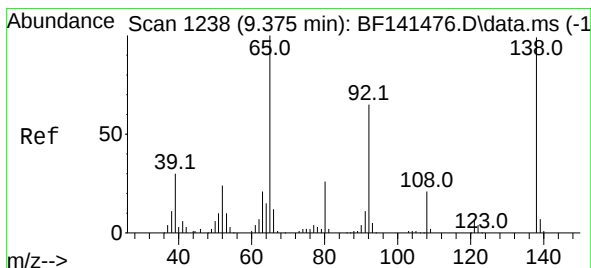
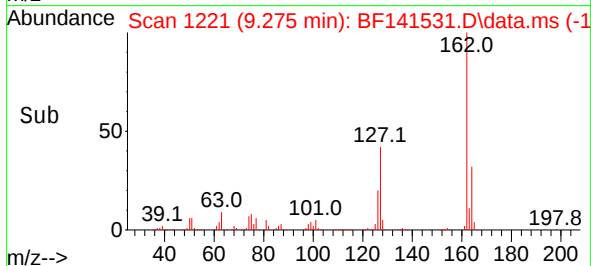
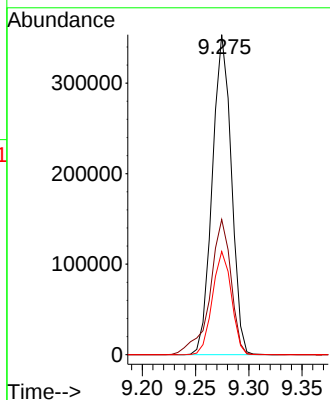
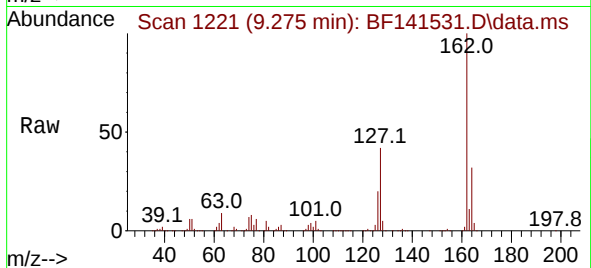
Tgt Ion:162 Resp: 439299

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 32.3 26.3 39.5



#48

2-Nitroaniline

Concen: 38.822 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

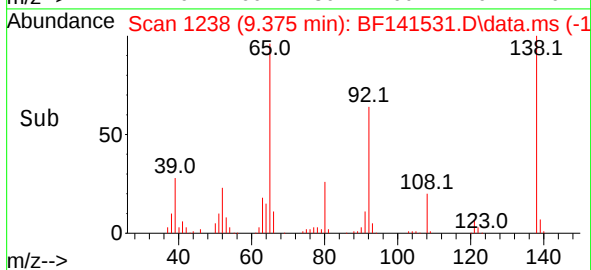
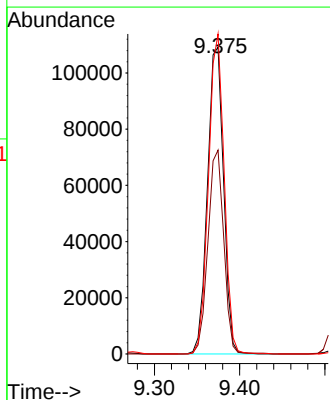
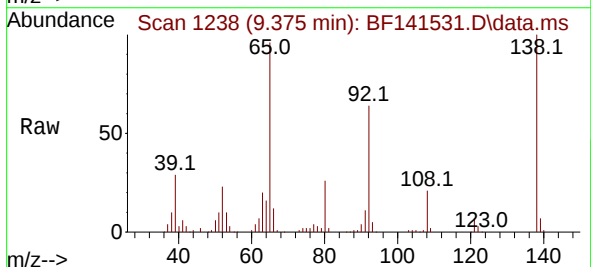
Tgt Ion: 65 Resp: 143494

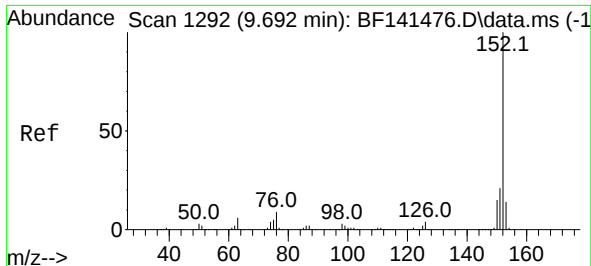
Ion Ratio Lower Upper

65 100

92 66.4 52.2 78.2

138 104.3 79.5 119.3





#49

Acenaphthylene

Concen: 39.253 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

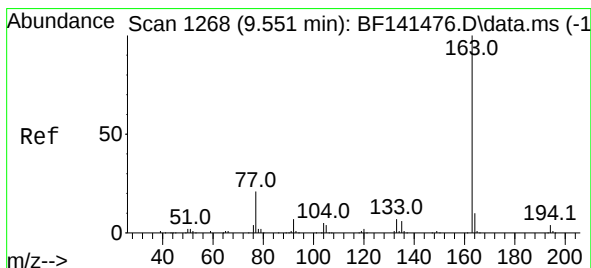
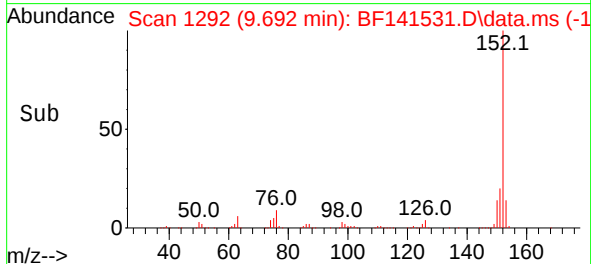
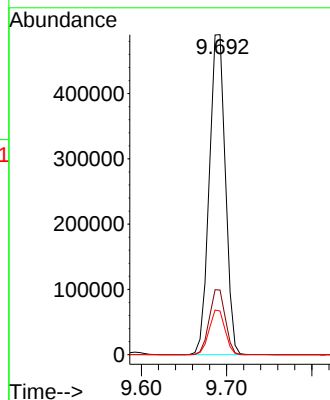
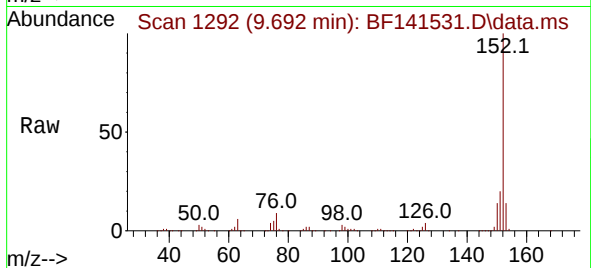
Tgt Ion:152 Resp: 643014

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 39.112 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

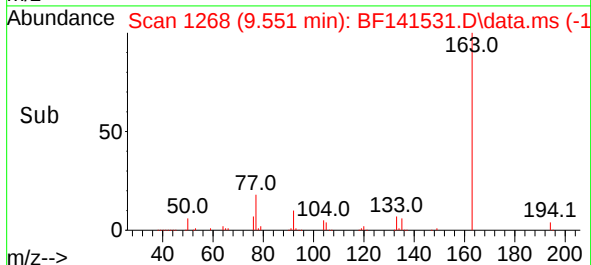
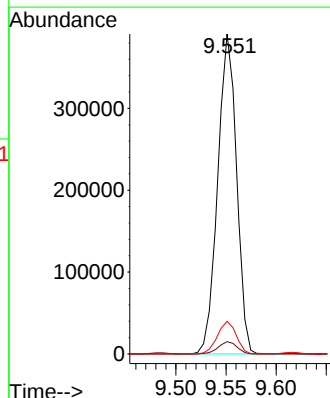
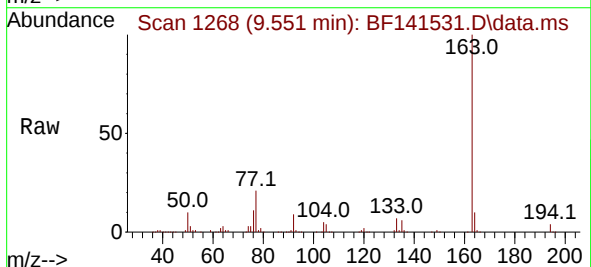
Tgt Ion:163 Resp: 510097

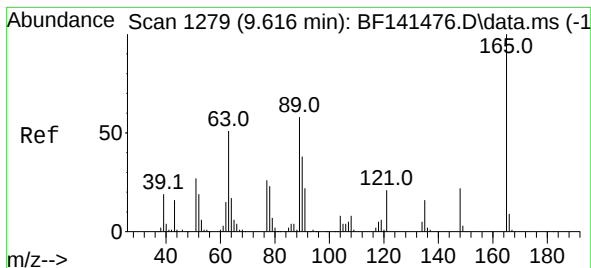
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.2 7.9 11.9

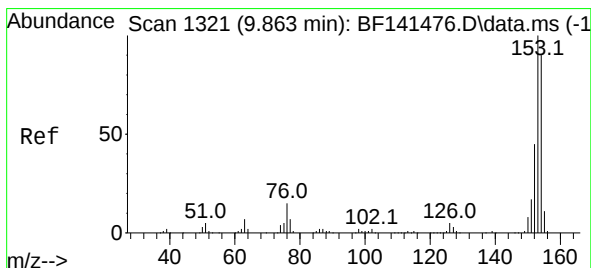
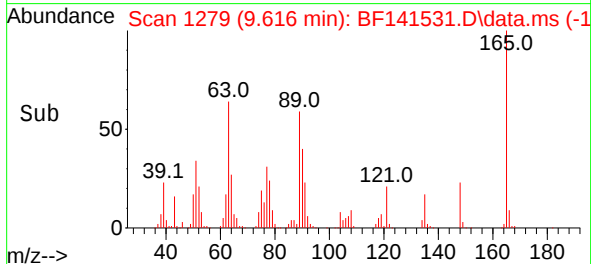
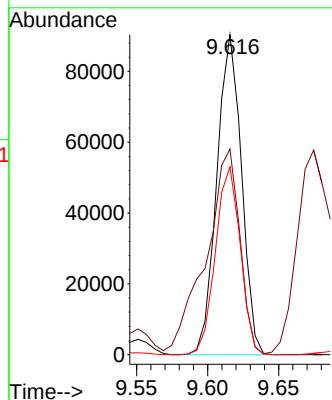
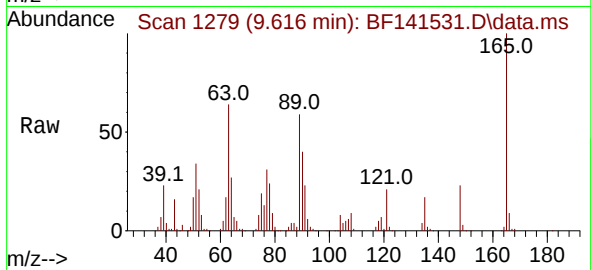




#51
2,6-Dinitrotoluene
Concen: 38.236 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

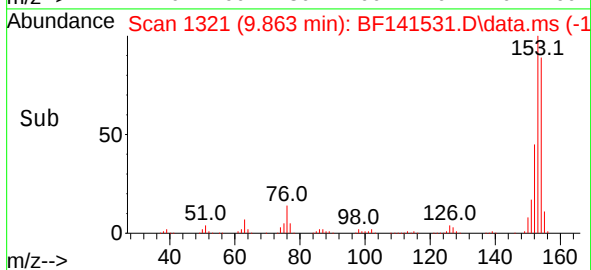
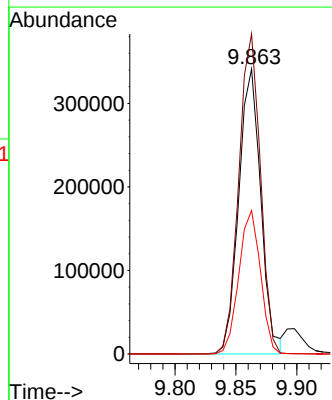
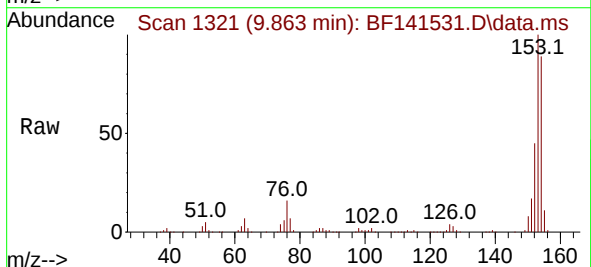
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

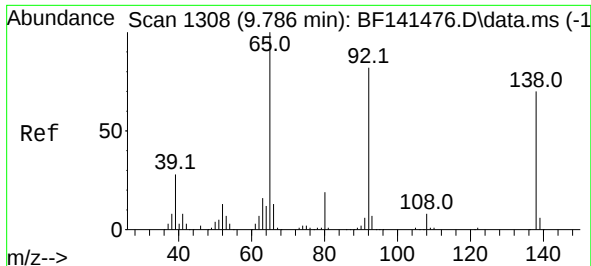
Tgt Ion:165 Resp: 109011
Ion Ratio Lower Upper
165 100
63 64.3 49.4 74.0
89 58.7 46.5 69.7



#52
Acenaphthene
Concen: 39.100 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:154 Resp: 430608
Ion Ratio Lower Upper
154 100
153 112.3 89.2 133.8
152 50.3 39.8 59.8





#53

3-Nitroaniline

Concen: 38.310 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

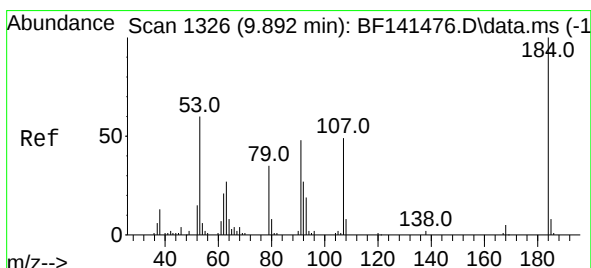
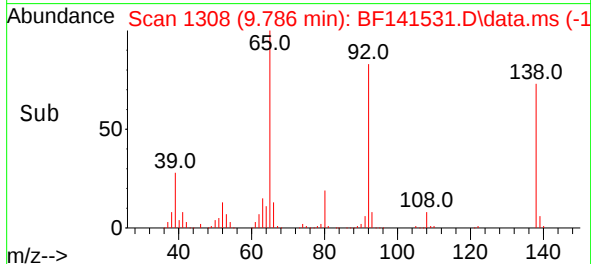
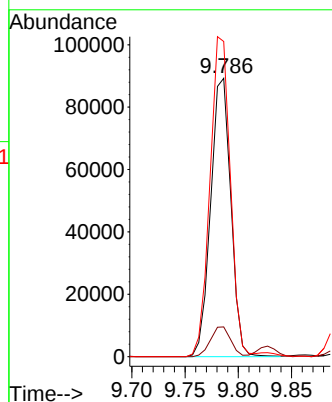
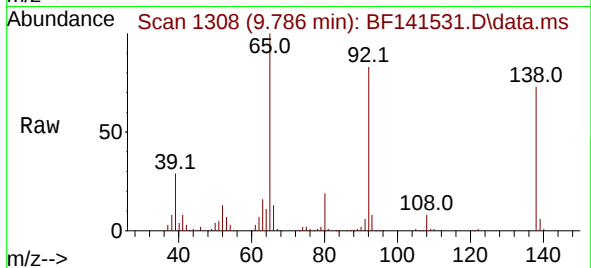
Tgt Ion:138 Resp: 117555

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

92 113.2 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 36.647 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

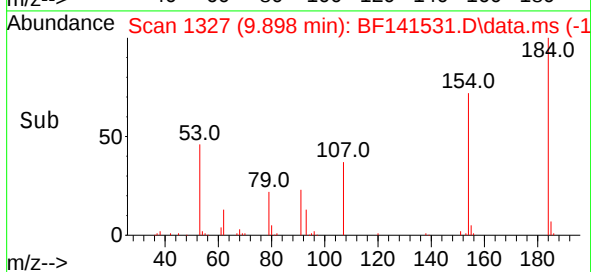
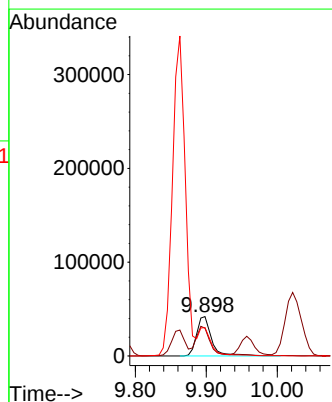
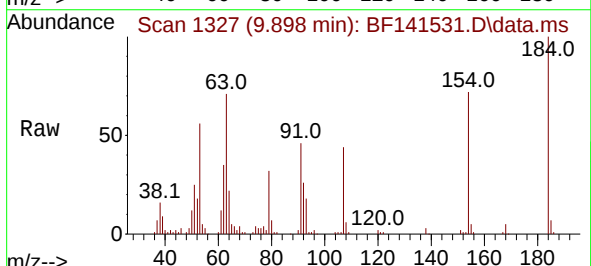
Tgt Ion:184 Resp: 62096

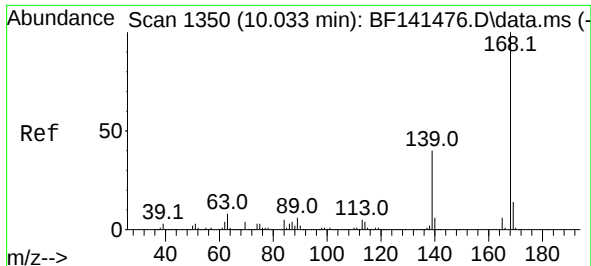
Ion Ratio Lower Upper

184 100

63 70.6 61.0 91.6

154 72.1 59.9 89.9

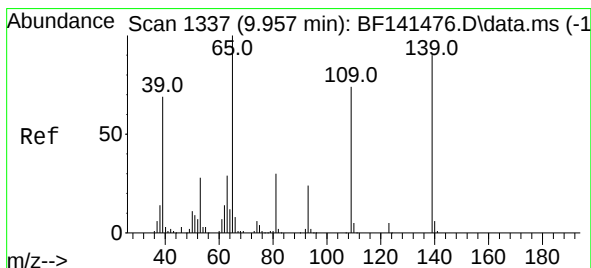
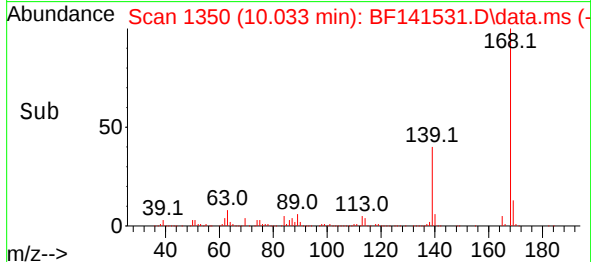
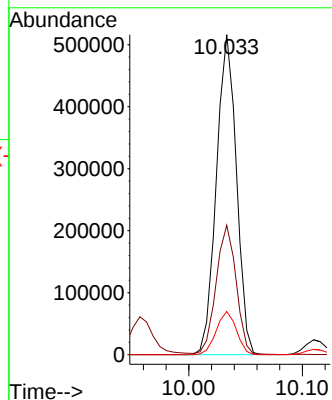
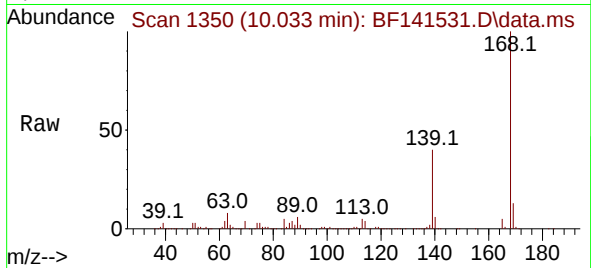




#55
Dibenzofuran
Concen: 39.157 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

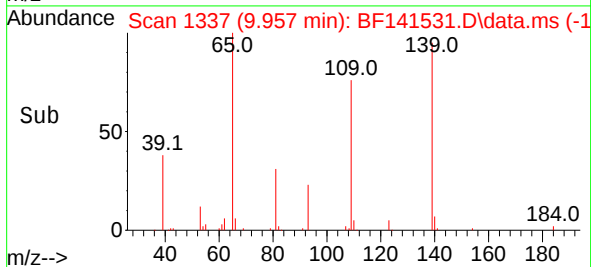
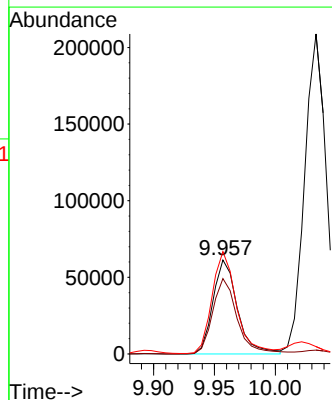
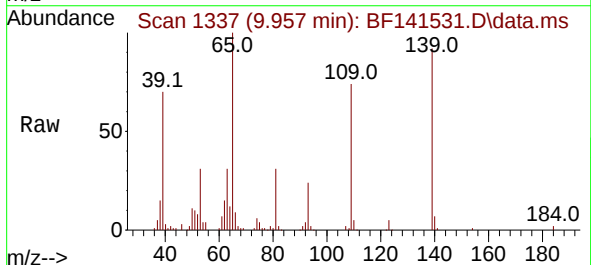
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

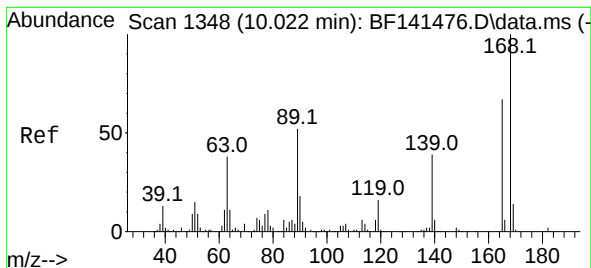
Tgt Ion:168 Resp: 632974
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 37.656 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:139 Resp: 85776
Ion Ratio Lower Upper
139 100
109 80.2 62.0 102.0
65 109.0 91.2 131.2

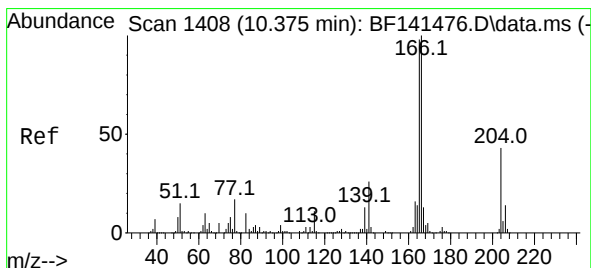
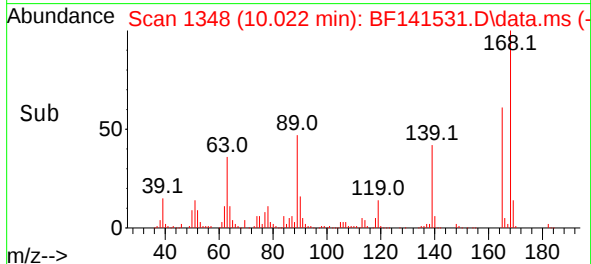
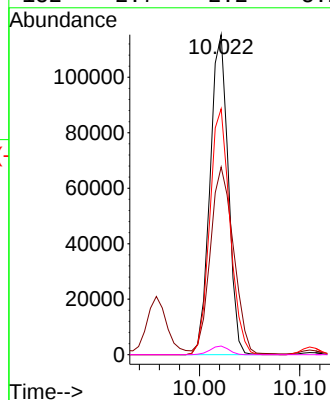
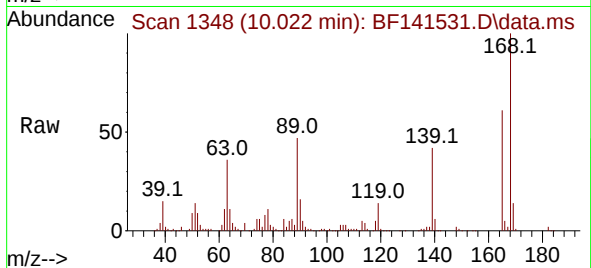




#57
2,4-Dinitrotoluene
Concen: 38.351 ng
RT: 10.022 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

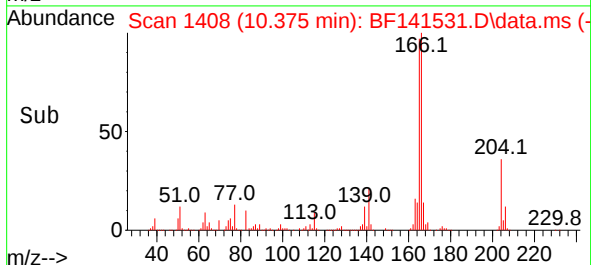
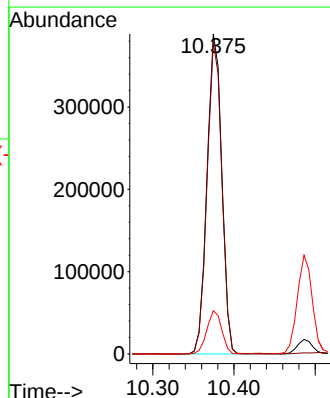
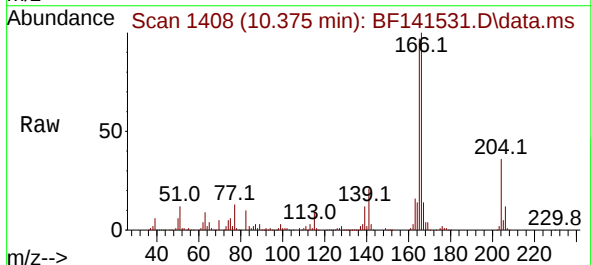
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

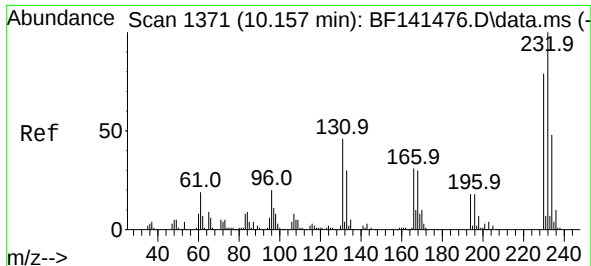
Tgt Ion:165 Resp: 145558
Ion Ratio Lower Upper
165 100
63 58.6 46.4 69.6
89 76.9 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.202 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:166 Resp: 489982
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.428 ng

RT: 10.157 min Scan# 1371

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 128800

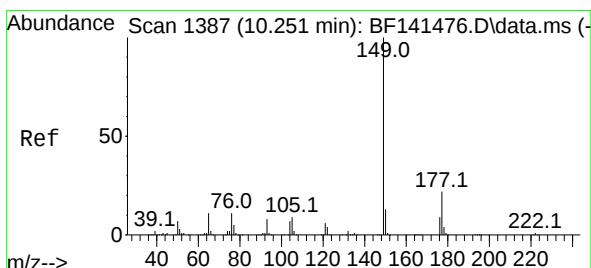
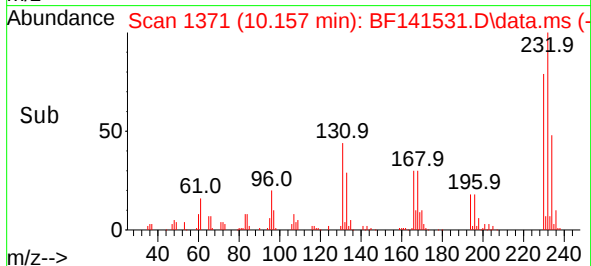
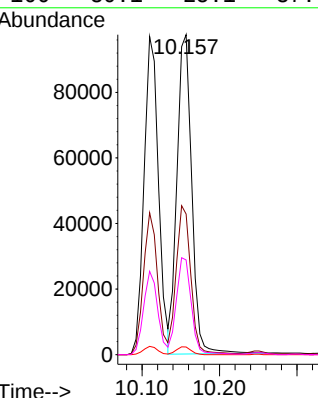
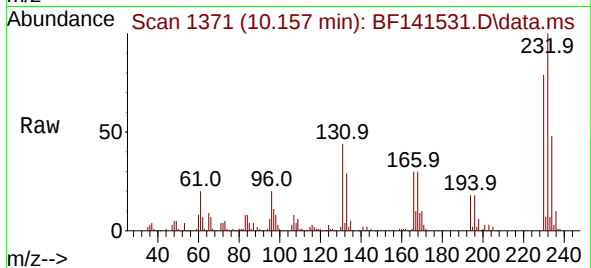
Ion Ratio Lower Upper

232 100

131 46.2 39.2 58.8

130 2.5 2.1 3.1

166 30.1 25.1 37.7



#60

Diethylphthalate

Concen: 39.149 ng

RT: 10.251 min Scan# 1387

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

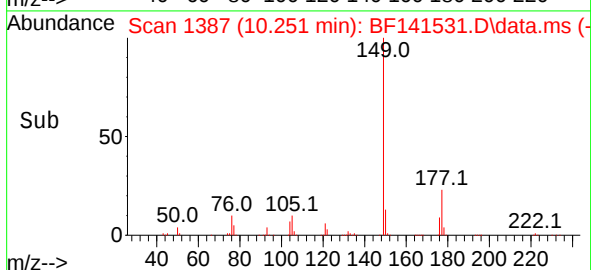
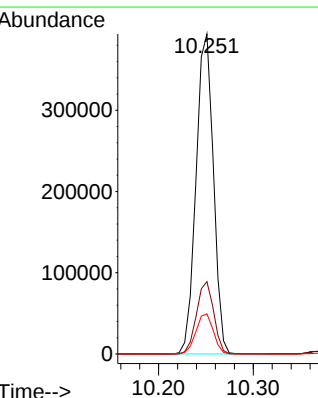
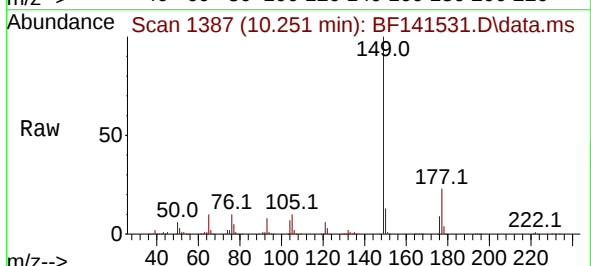
Tgt Ion:149 Resp: 502338

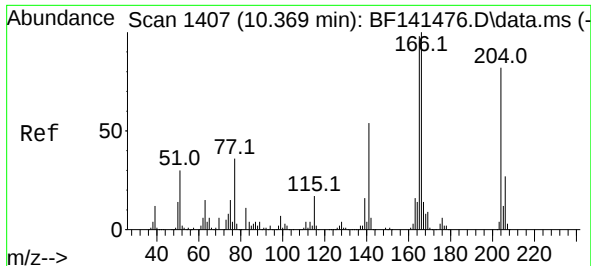
Ion Ratio Lower Upper

149 100

177 22.6 17.8 26.6

150 12.5 10.1 15.1

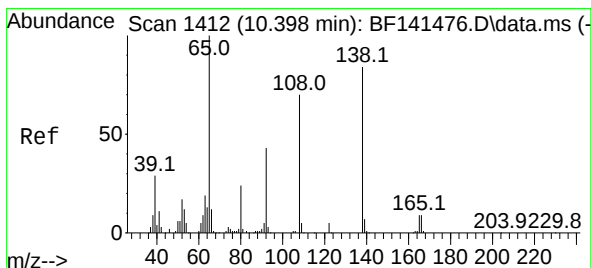
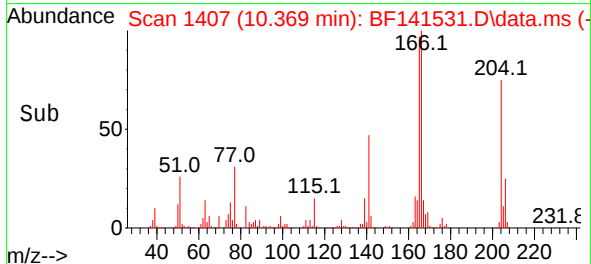
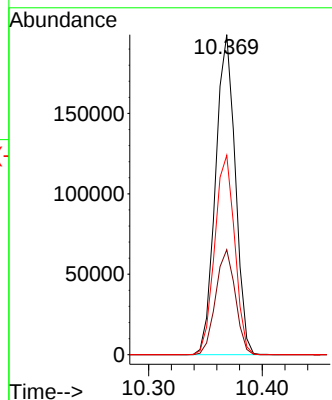
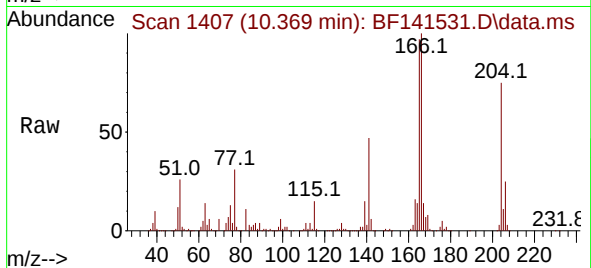




#61
4-Chlorophenyl-phenylether
Concen: 39.967 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

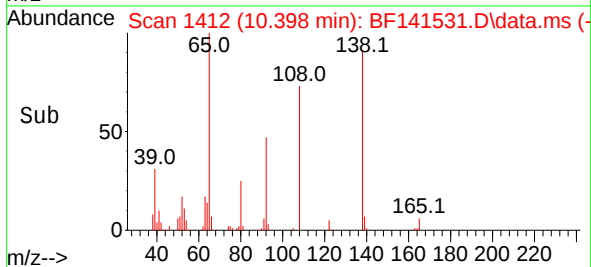
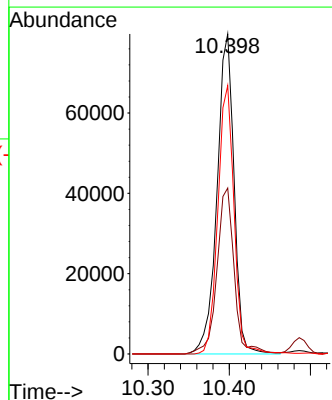
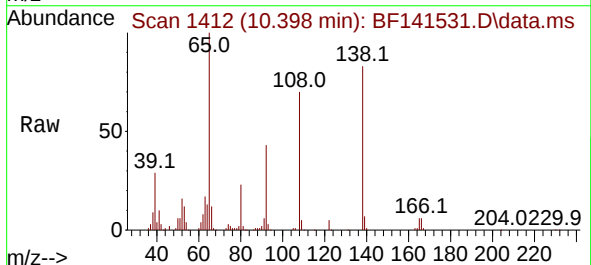
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

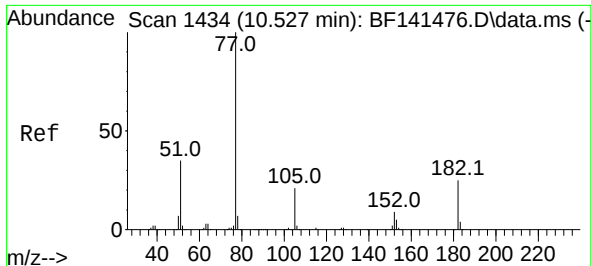
Tgt Ion:204 Resp: 240325
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.3 51.9 77.9



#62
4-Nitroaniline
Concen: 37.408 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:138 Resp: 116557
Ion Ratio Lower Upper
138 100
92 51.8 31.3 71.3
108 83.9 63.7 103.7

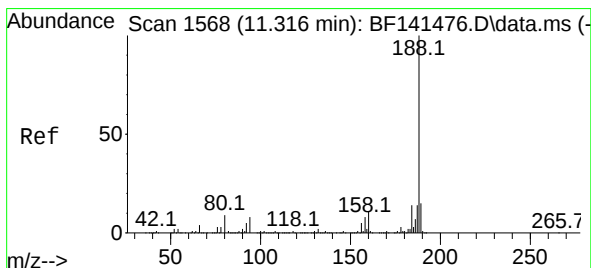
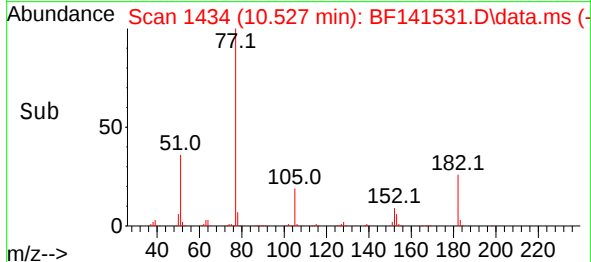
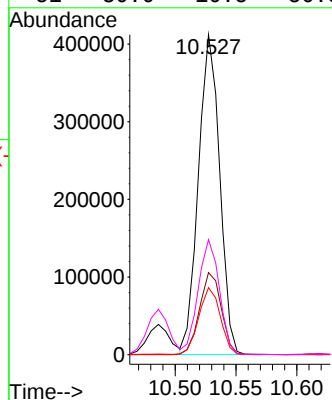
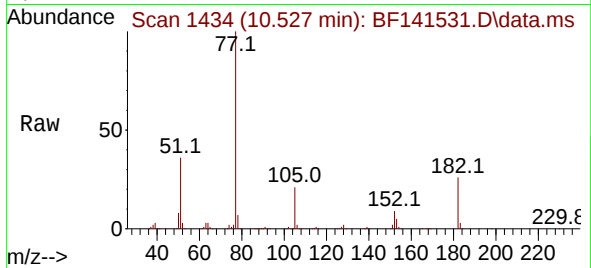




#63
Azobenzene
Concen: 39.338 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

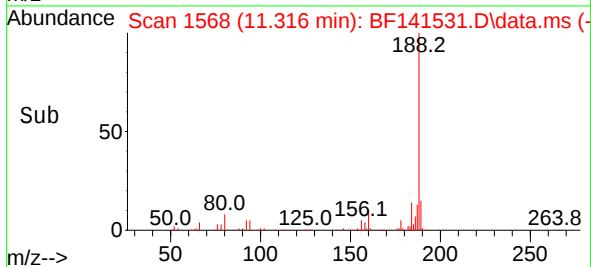
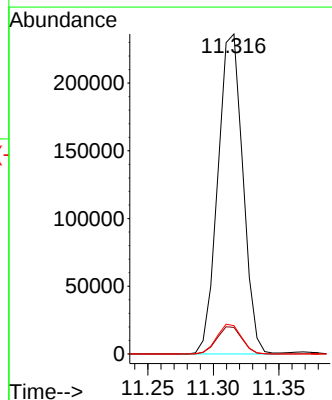
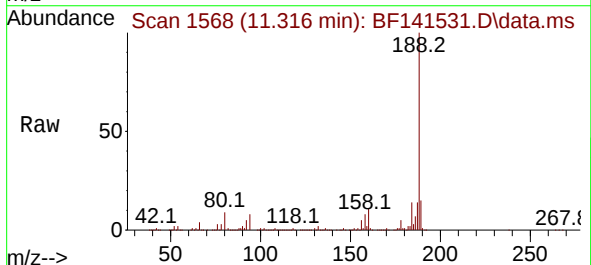
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

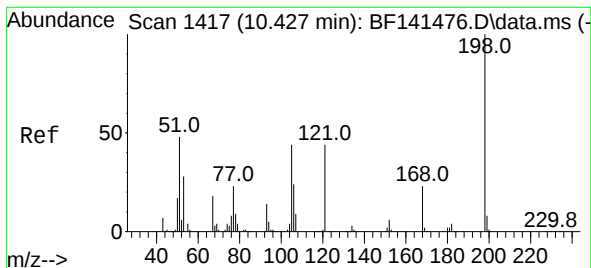
Tgt Ion: 77 Resp: 501802
Ion Ratio Lower Upper
77 100
182 25.7 4.7 44.7
105 21.0 0.4 40.4
51 36.0 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:188 Resp: 313129
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.9 7.3 10.9

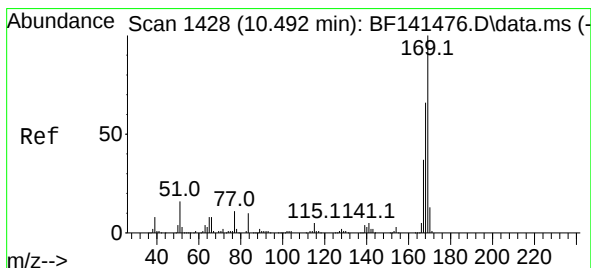
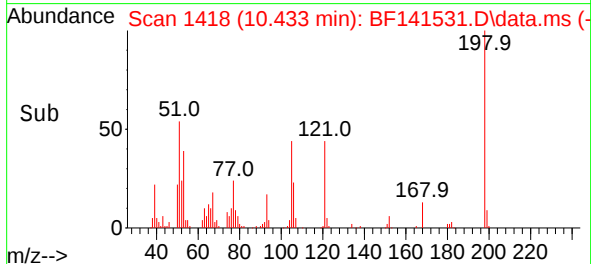
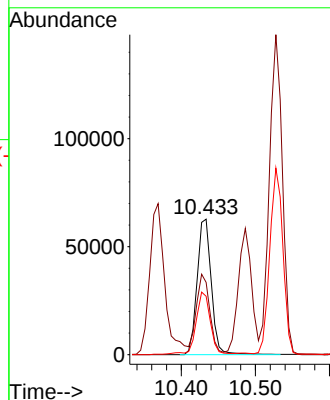
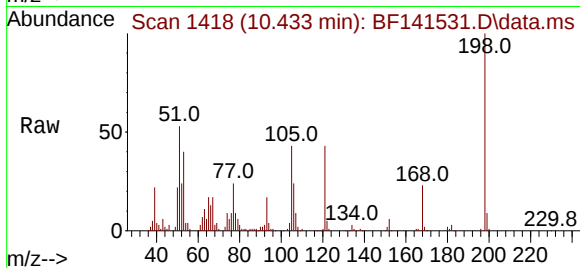




#65
4,6-Dinitro-2-methylphenol
Concen: 38.398 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

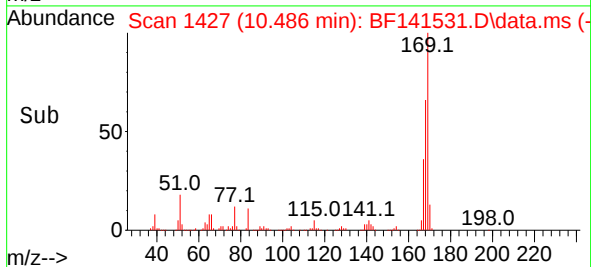
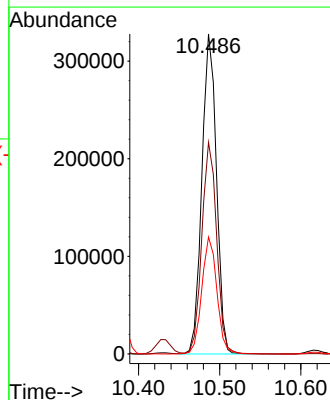
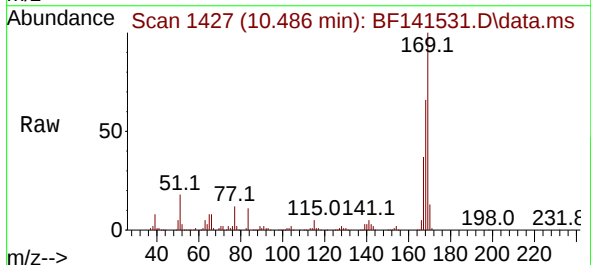
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

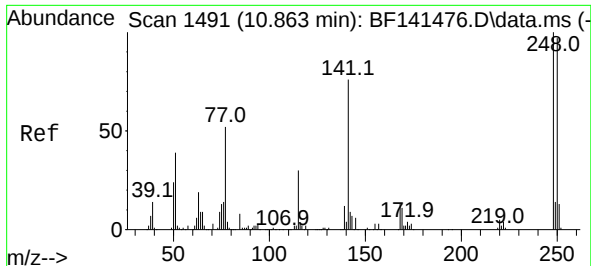
Tgt Ion:198 Resp: 83522
Ion Ratio Lower Upper
198 100
51 53.3 37.4 77.4
105 43.1 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 40.759 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:169 Resp: 408555
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 36.6 29.4 44.2

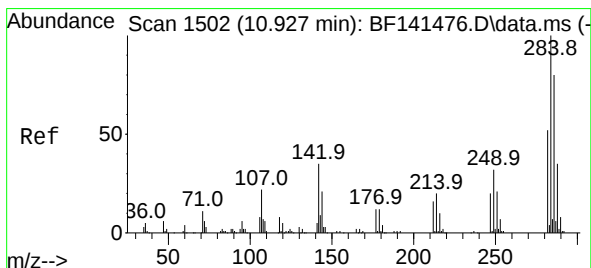
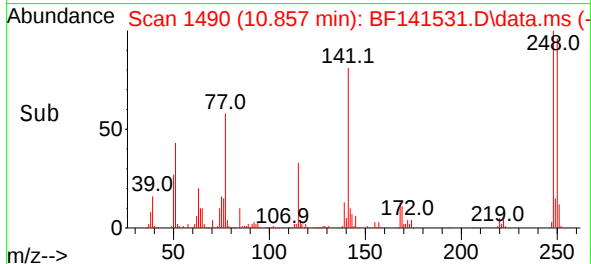
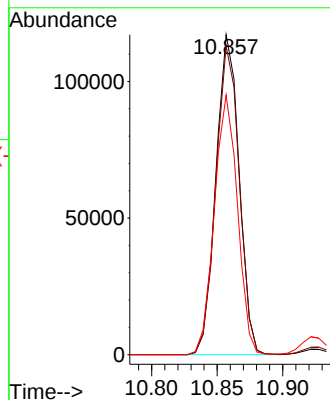
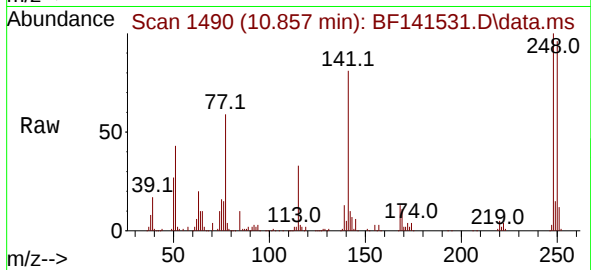




#67
4-Bromophenyl-phenylether
Concen: 41.197 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

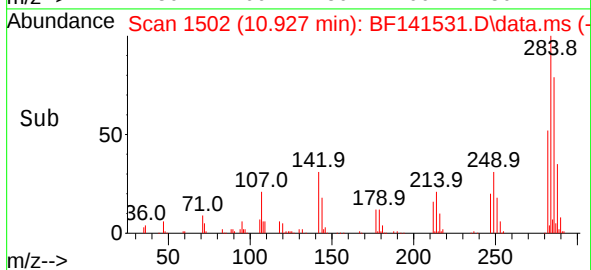
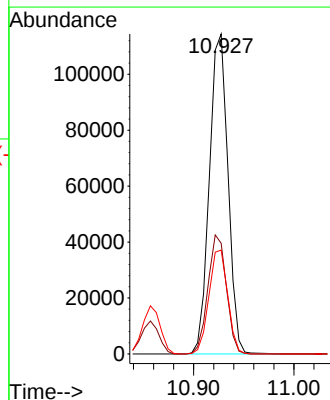
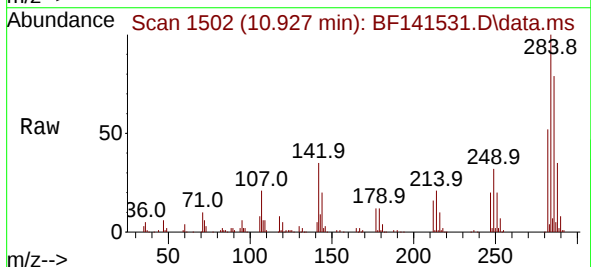
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

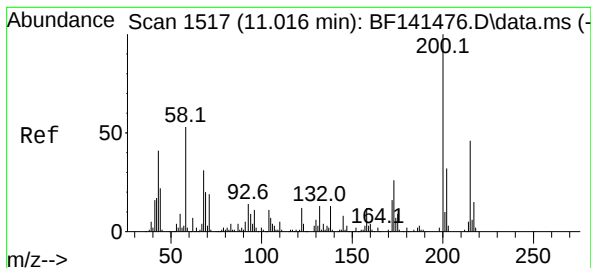
Tgt Ion:248 Resp: 144175
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 81.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 40.874 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:284 Resp: 147297
Ion Ratio Lower Upper
284 100
142 34.6 28.0 42.0
249 32.5 25.8 38.8





#69

Atrazine

Concen: 37.940 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

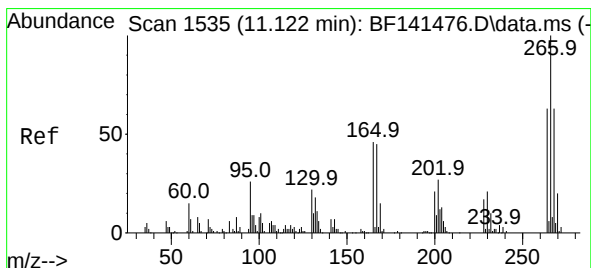
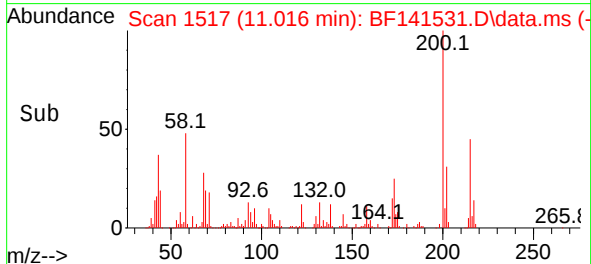
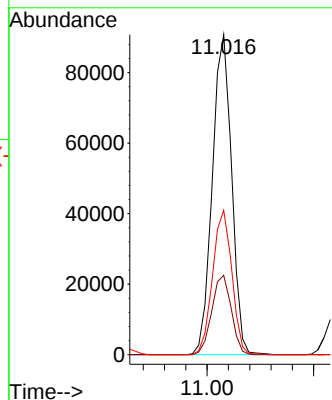
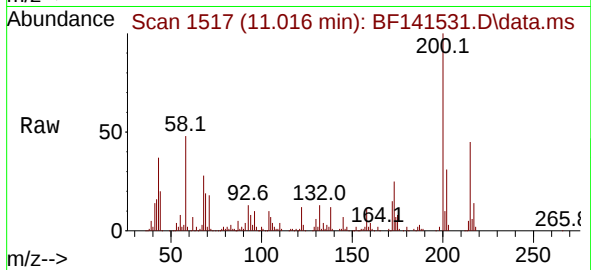
Tgt Ion:200 Resp: 114088

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 45.1 25.9 65.9



#70

Pentachlorophenol

Concen: 37.449 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

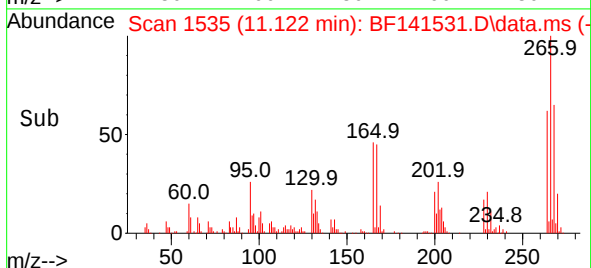
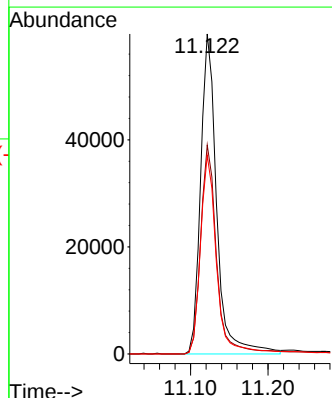
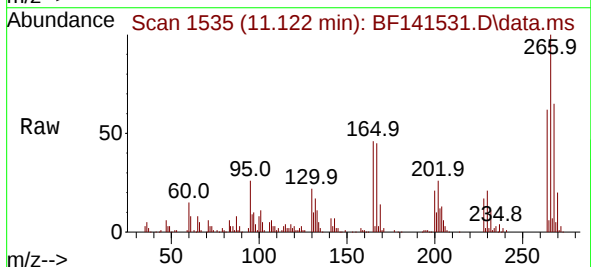
Tgt Ion:266 Resp: 86291

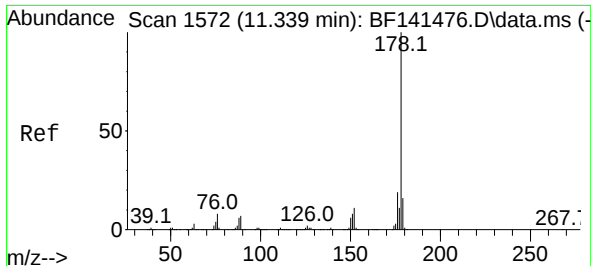
Ion Ratio Lower Upper

266 100

268 65.3 50.1 75.1

264 62.1 50.1 75.1

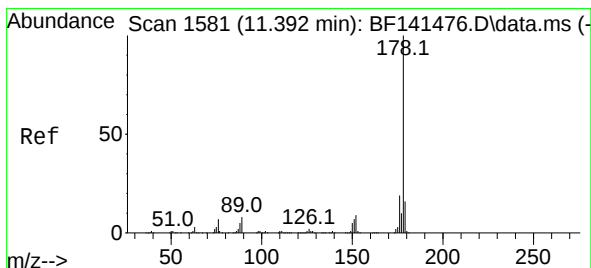
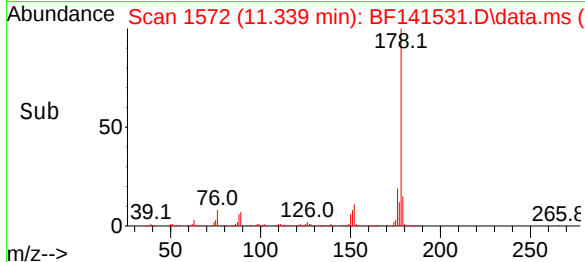
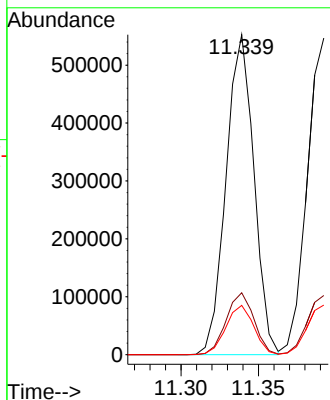
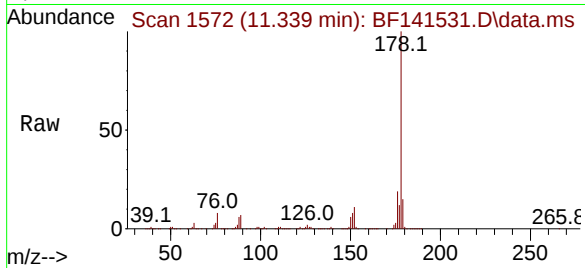




#71
Phenanthrene
Concen: 40.095 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

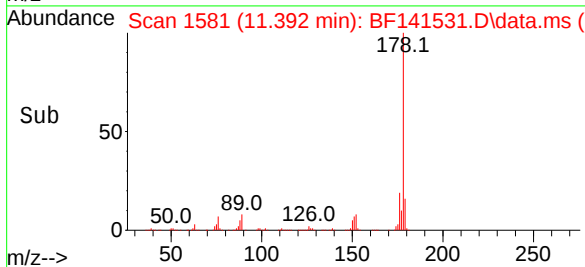
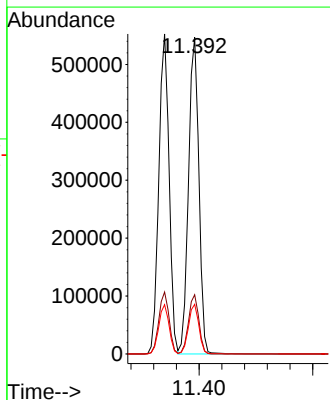
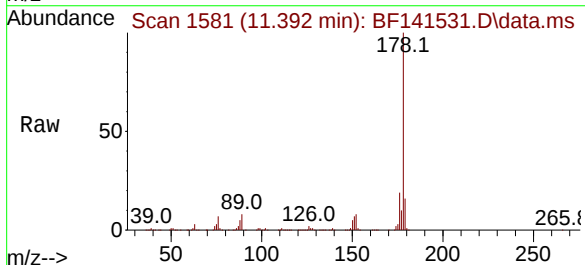
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

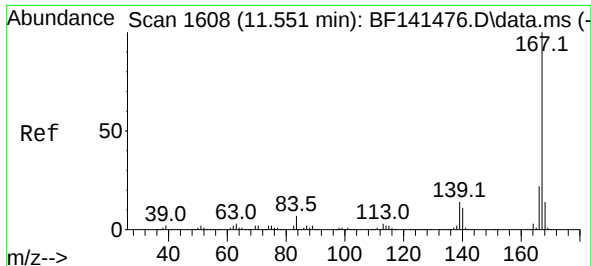
Tgt Ion:178 Resp: 691100
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 40.071 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:178 Resp: 694305
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.4 18.6

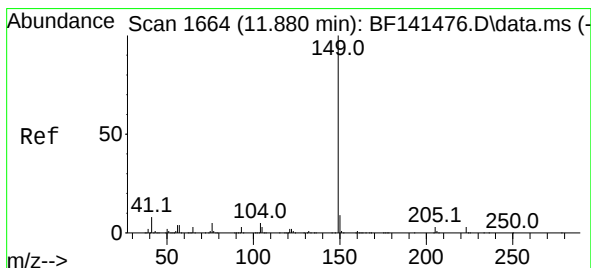
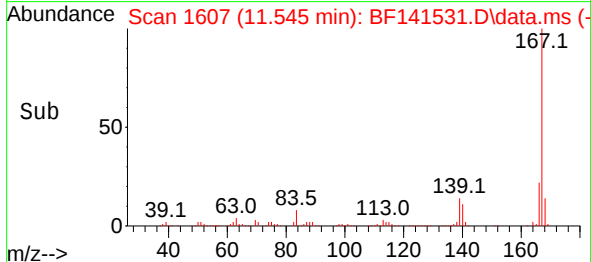
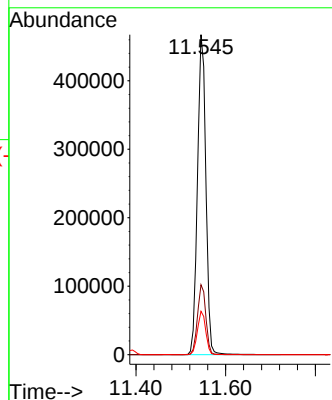
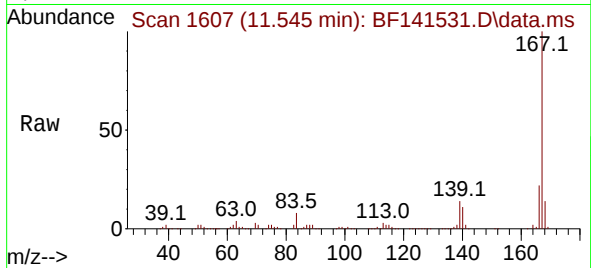




#73
Carbazole
Concen: 39.007 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

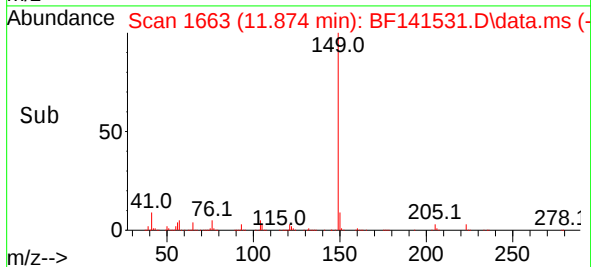
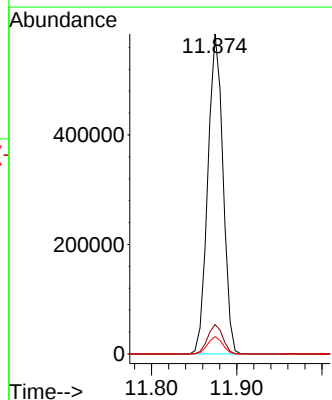
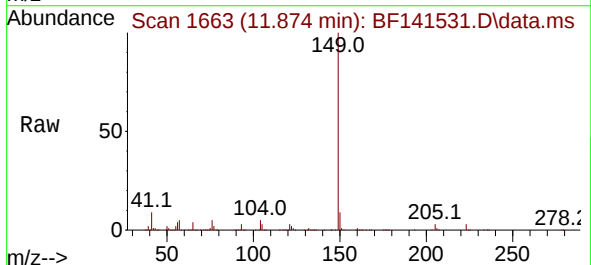
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

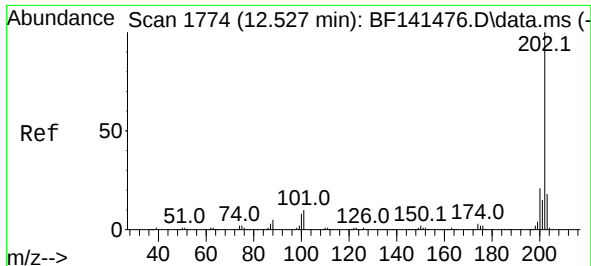
Tgt Ion:167 Resp: 608137
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.5 10.9 16.3



#74
Di-n-butylphthalate
Concen: 40.113 ng
RT: 11.874 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:149 Resp: 722112
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.4 4.2 6.2

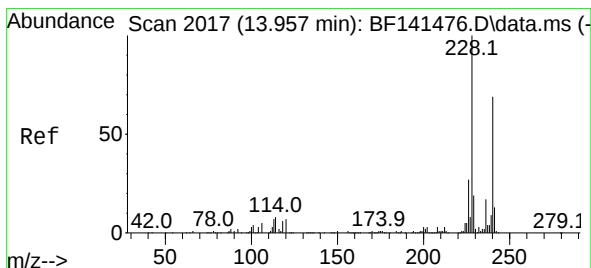
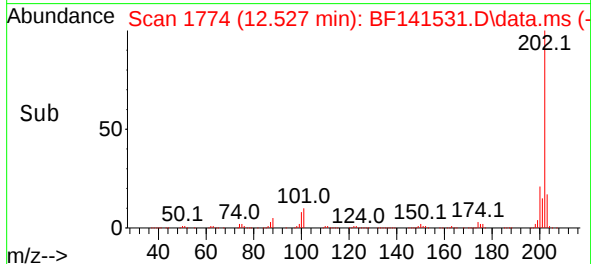
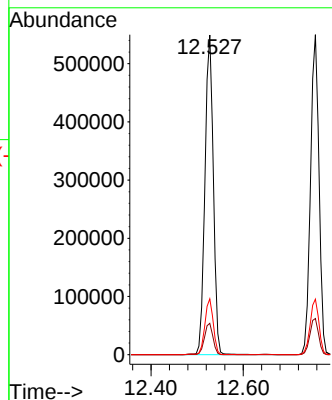
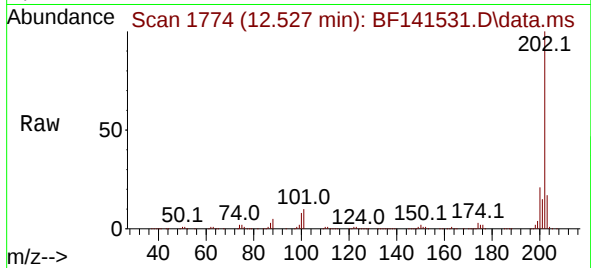




#75
Fluoranthene
Concen: 38.350 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

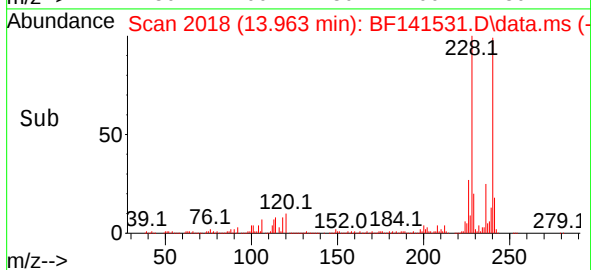
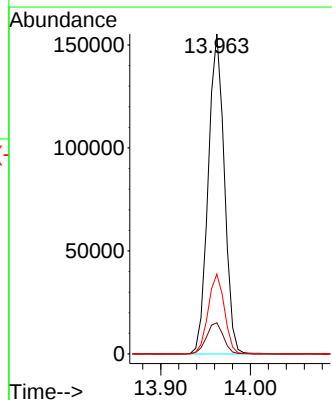
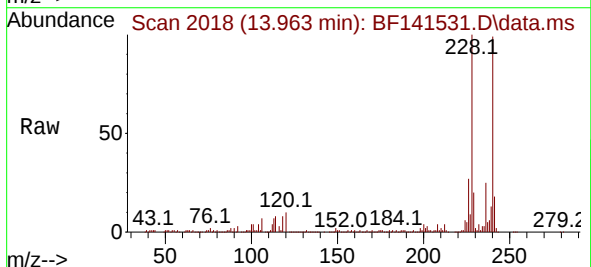
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

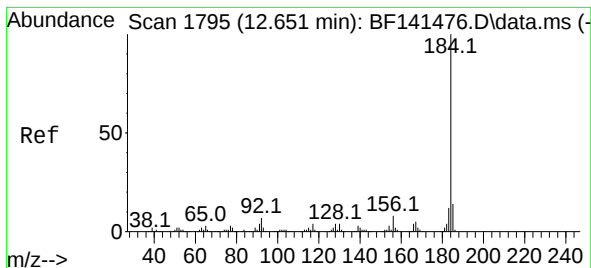
Tgt Ion:202 Resp: 700802
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141531.D
Acq: 10 Feb 2025 11:34

Tgt Ion:240 Resp: 193608
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 24.9 19.8 29.8





#77

Benzidine

Concen: 37.236 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

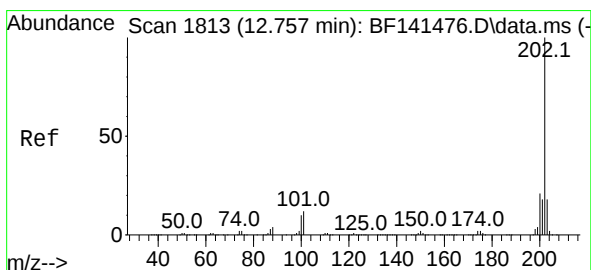
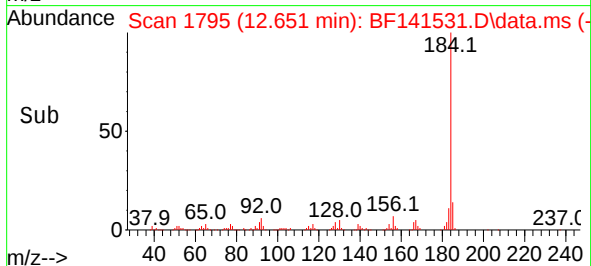
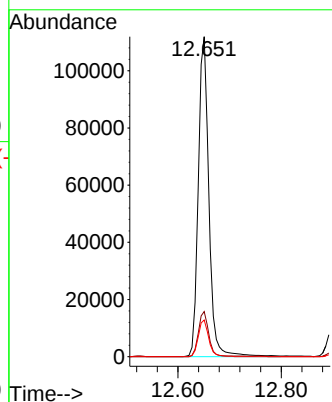
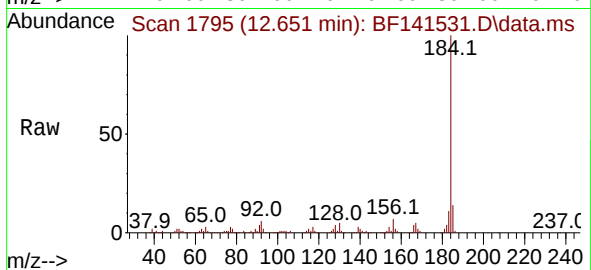
Tgt Ion:184 Resp: 158992

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

183 11.5 9.3 13.9



#78

Pyrene

Concen: 42.509 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

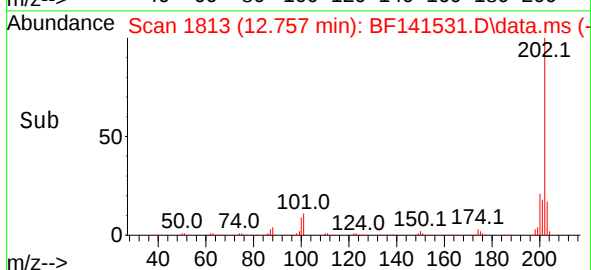
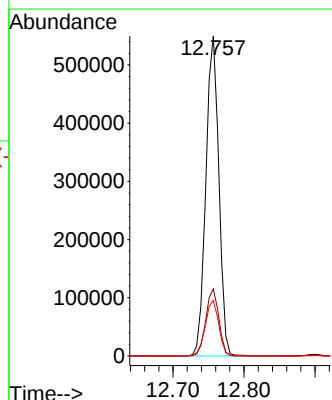
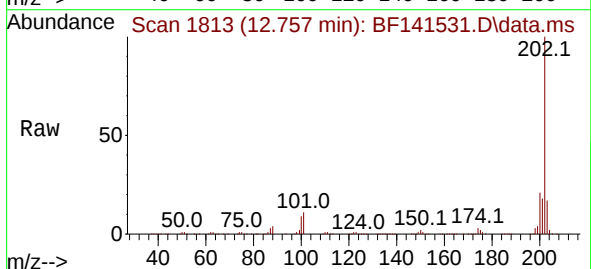
Tgt Ion:202 Resp: 700603

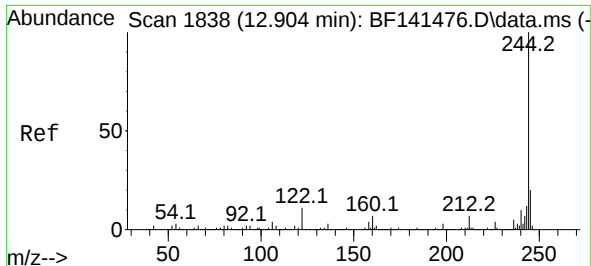
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

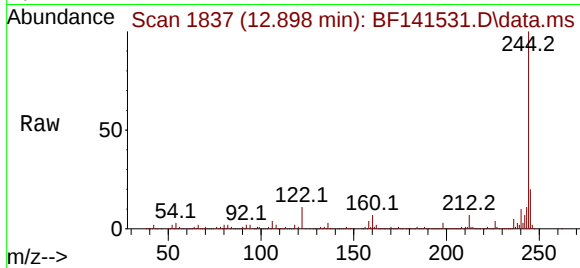
203 17.4 14.3 21.5



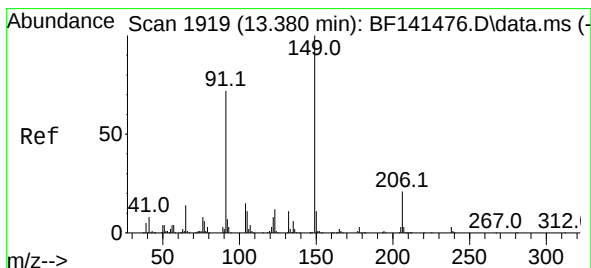
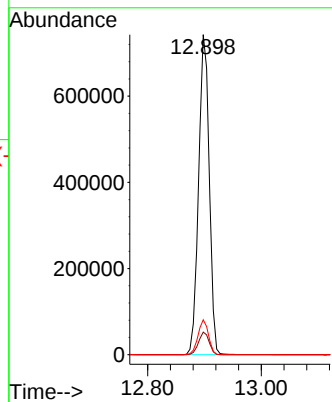
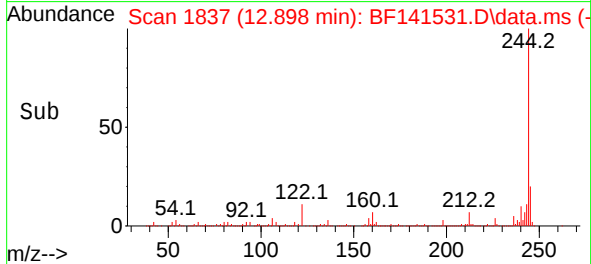


#79
 Terphenyl-d14
 Concen: 84.606 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141531.D
 Acq: 10 Feb 2025 11:34

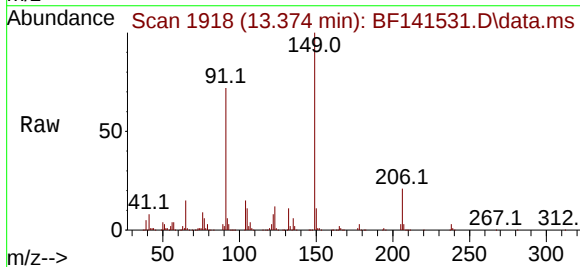
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



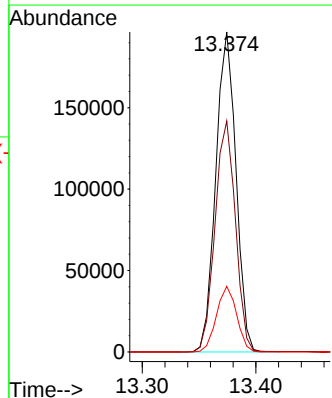
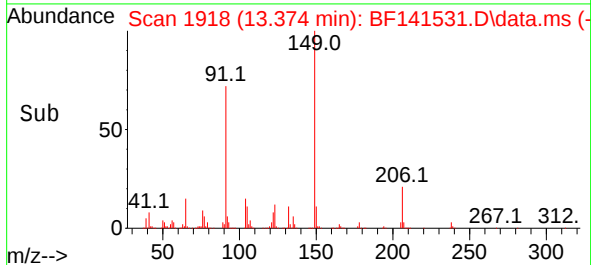
Tgt Ion:244 Resp: 970304
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.9 8.4 12.6

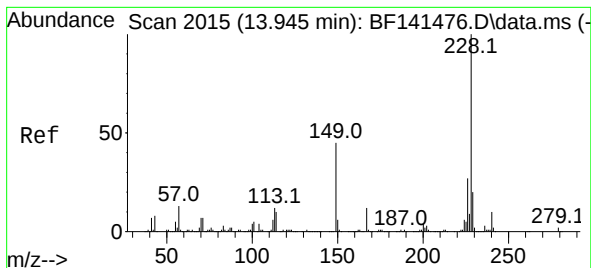


#80
 Butylbenzylphthalate
 Concen: 42.551 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141531.D
 Acq: 10 Feb 2025 11:34



Tgt Ion:149 Resp: 242906
 Ion Ratio Lower Upper
 149 100
 91 72.2 57.8 86.8
 206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 39.246 ng

RT: 13.951 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

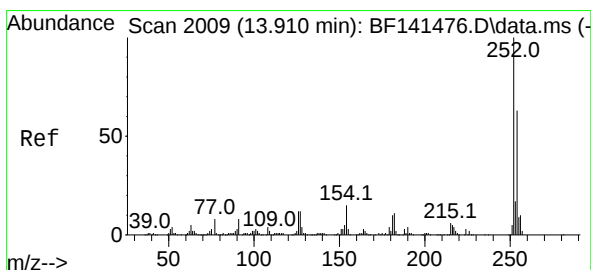
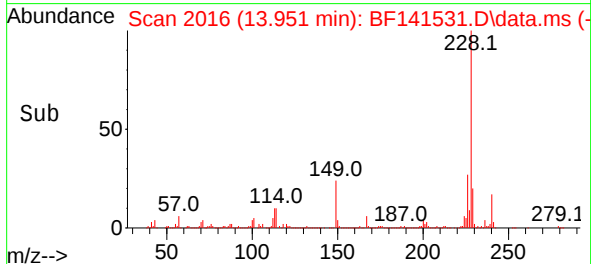
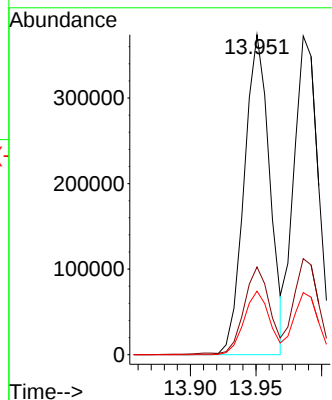
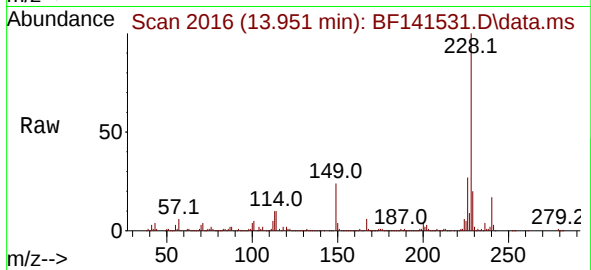
Tgt Ion:228 Resp: 505085

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.165 ng

RT: 13.915 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

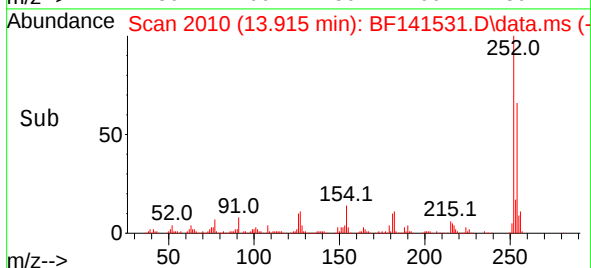
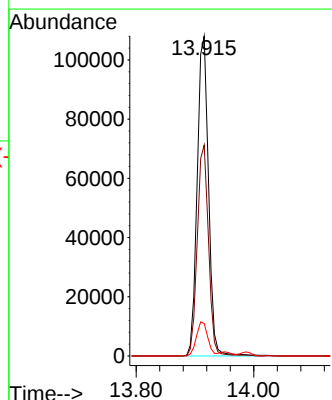
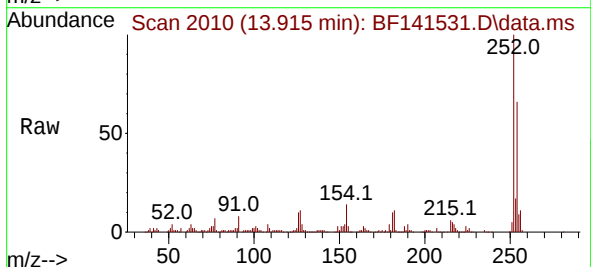
Tgt Ion:252 Resp: 144386

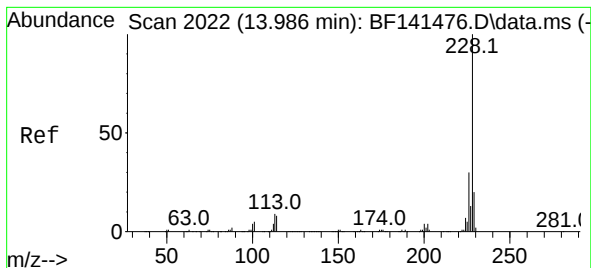
Ion Ratio Lower Upper

252 100

254 65.9 50.6 76.0

126 10.1 9.3 13.9





#83

Chrysene

Concen: 40.265 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

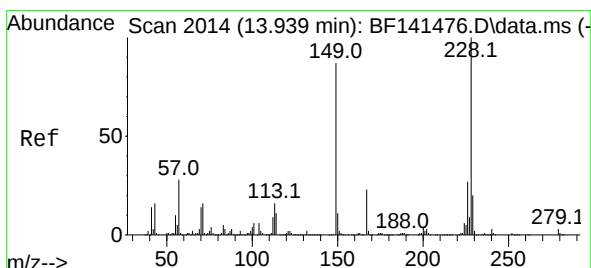
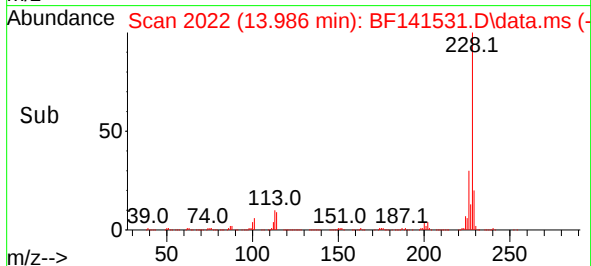
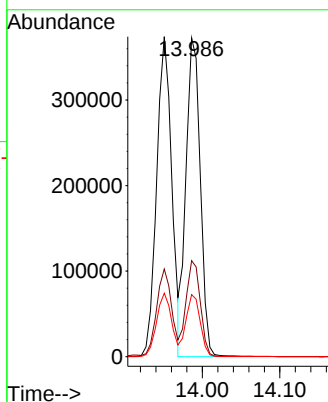
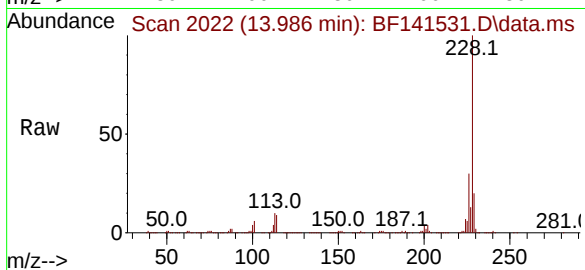
Tgt Ion:228 Resp: 478477

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.402 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

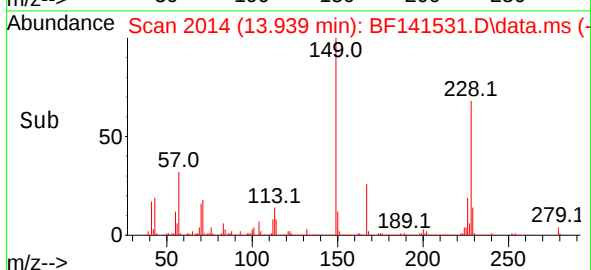
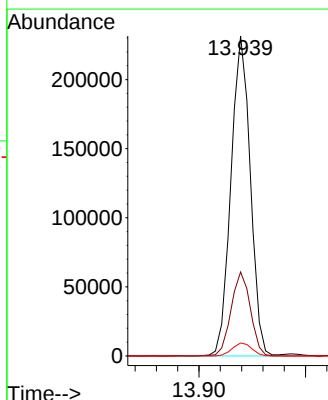
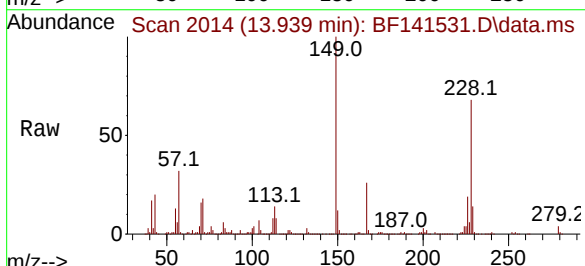
Tgt Ion:149 Resp: 292322

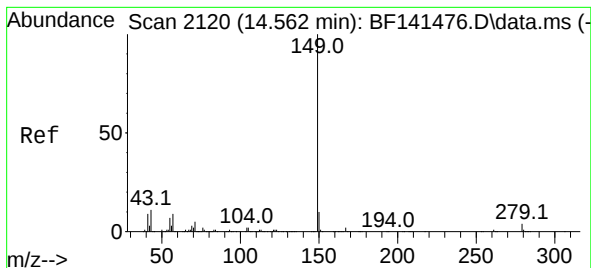
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.334 ng

RT: 14.574 min Scan# 2120

Delta R.T. 0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

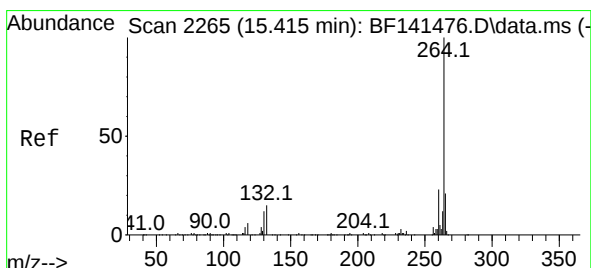
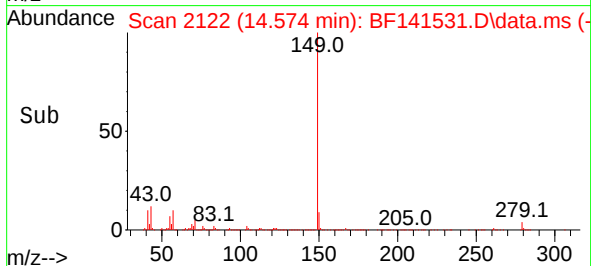
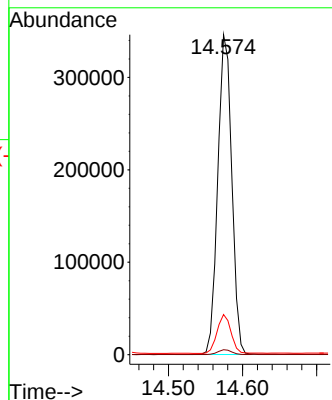
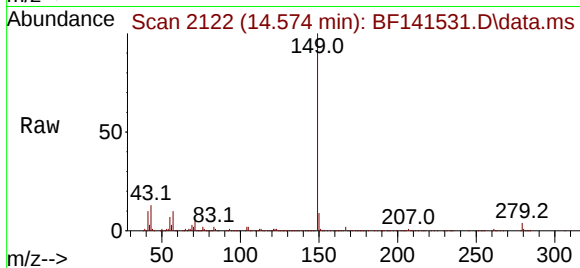
Tgt Ion:149 Resp: 453134

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.024 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

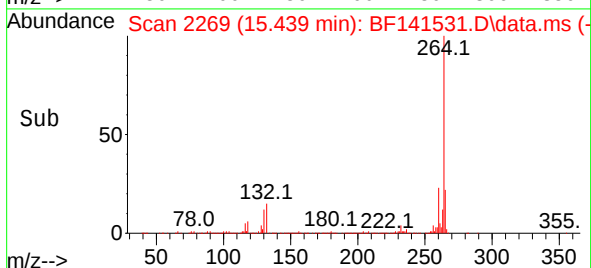
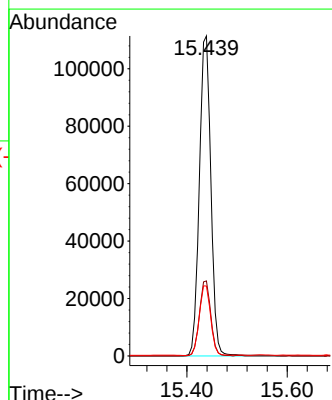
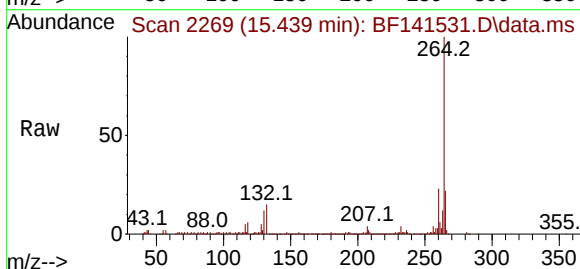
Tgt Ion:264 Resp: 177316

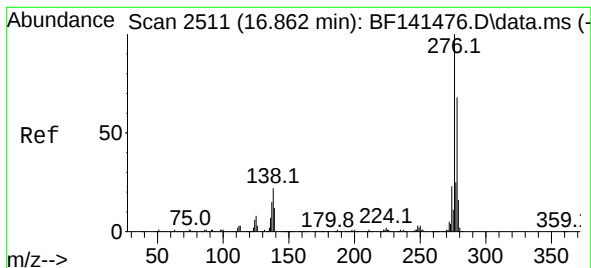
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.037 ng

RT: 16.886 min Scan# 2197

Delta R.T. 0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

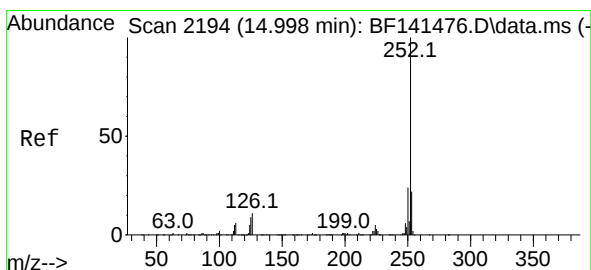
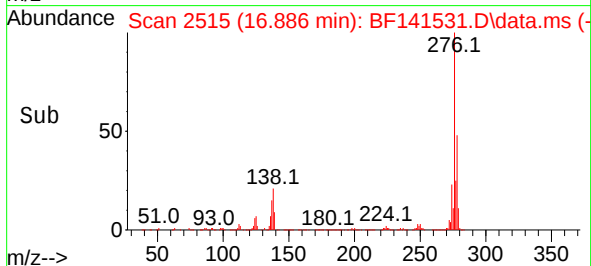
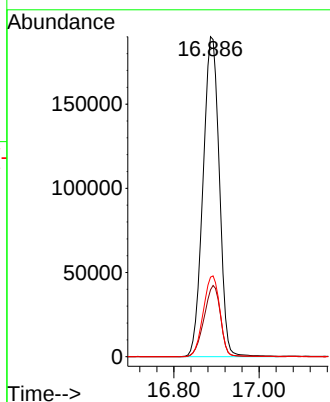
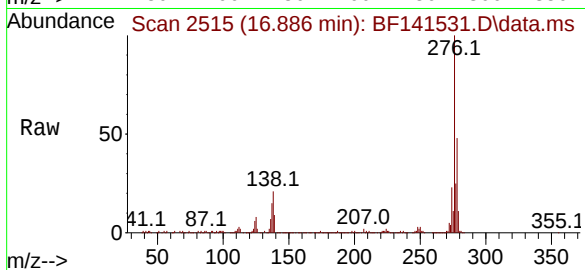
Tgt Ion:276 Resp: 504388

Ion Ratio Lower Upper

276 100

138 22.5 18.0 27.0

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.209 ng

RT: 15.015 min Scan# 2197

Delta R.T. 0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

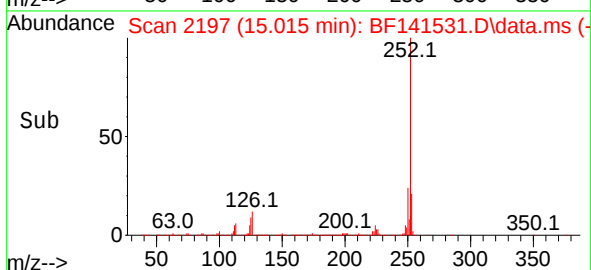
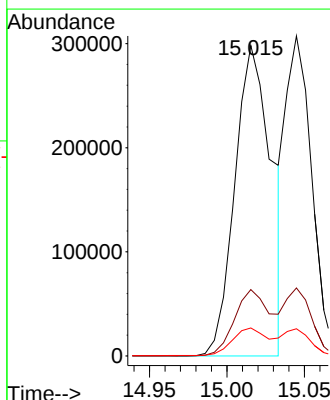
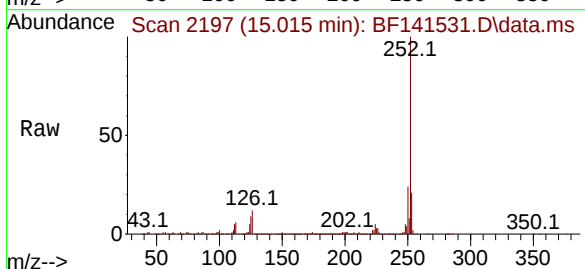
Tgt Ion:252 Resp: 490636

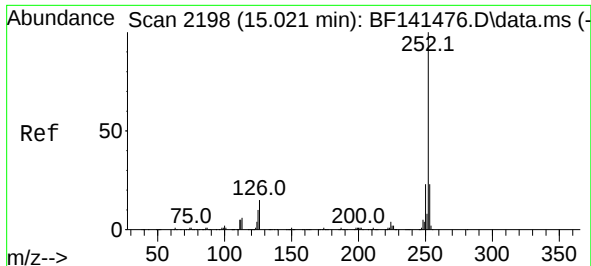
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 35.313 ng

RT: 15.045 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

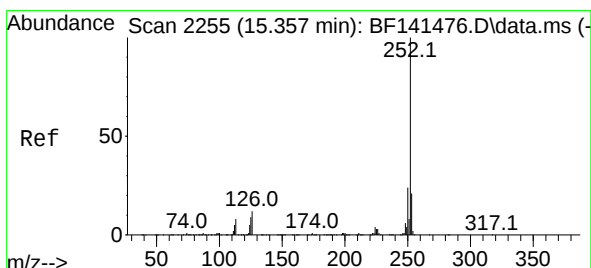
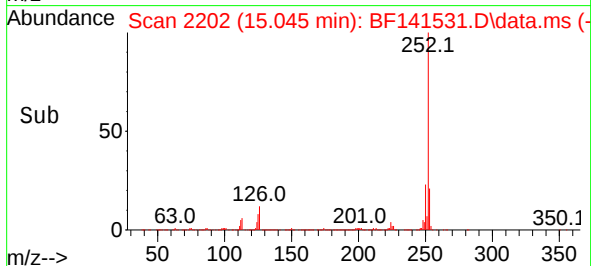
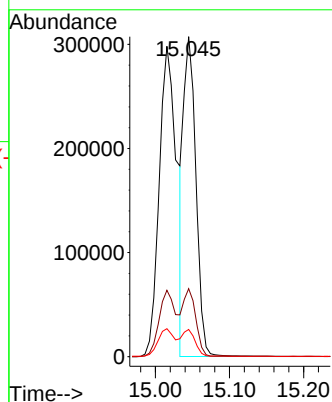
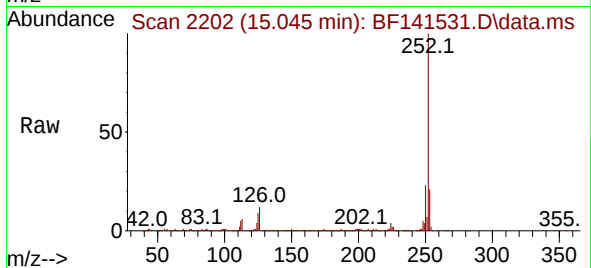
Tgt Ion:252 Resp: 359014

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

125 8.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.851 ng

RT: 15.374 min Scan# 2258

Delta R.T. 0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

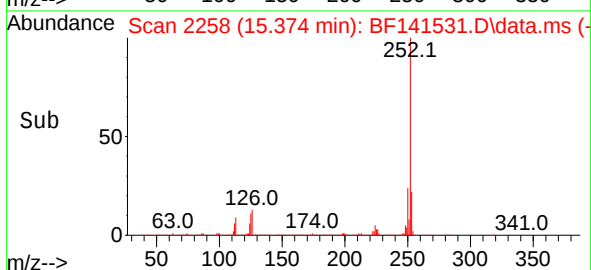
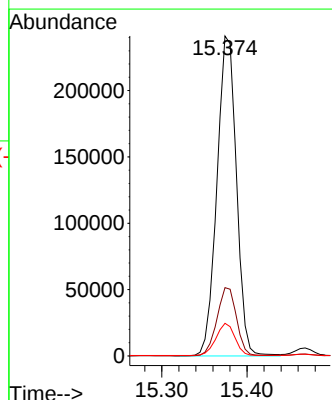
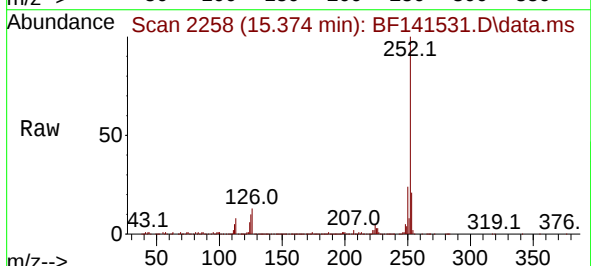
Tgt Ion:252 Resp: 383923

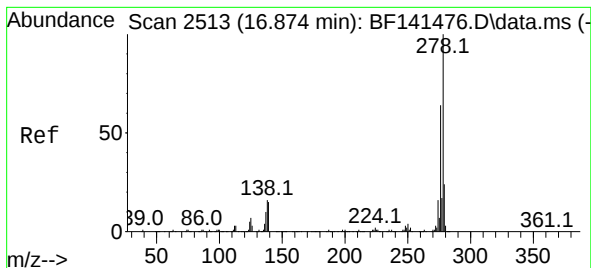
Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

125 10.2 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 46.809 ng

RT: 16.904 min Scan# 2518

Delta R.T. 0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

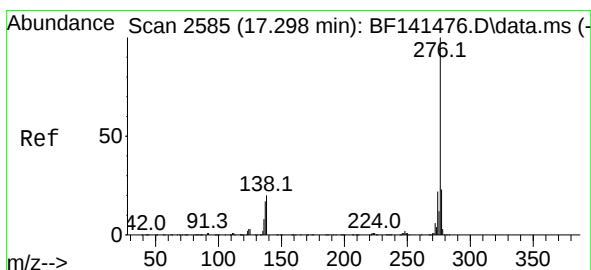
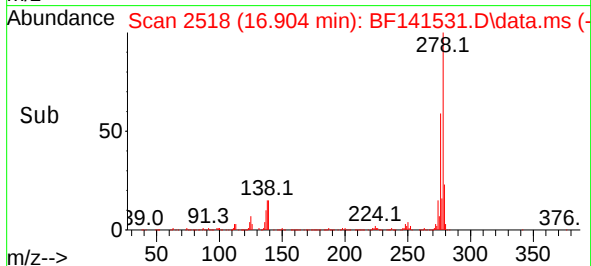
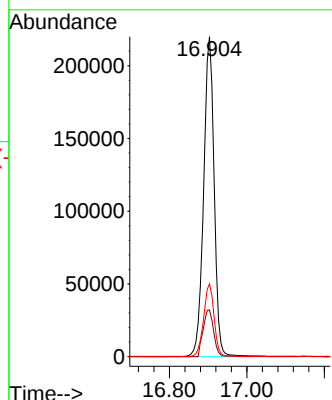
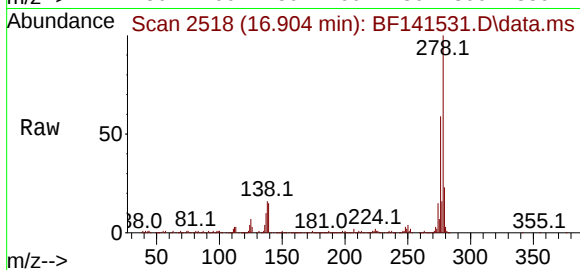
Tgt Ion:278 Resp: 415551

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

279 22.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.843 ng

RT: 17.327 min Scan# 2590

Delta R.T. 0.012 min

Lab File: BF141531.D

Acq: 10 Feb 2025 11:34

Tgt Ion:276 Resp: 435173

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 18.6 15.9 23.9

