

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141334.D
 Acq On : 31 Jan 2025 16:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 31 18:34:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	164970	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	647909	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341541	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	566479	20.000	ng	0.00
76) Chrysene-d12	13.968	240	341440	20.000	ng	0.00
86) Perylene-d12	15.439	264	331116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	791139	73.623	ng	0.00
7) Phenol-d6	6.428	99	993362	72.667	ng	-0.01
23) Nitrobenzene-d5	7.363	82	896200	72.918	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	235886	75.335	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1562690	70.424	ng	0.00
79) Terphenyl-d14	12.915	244	1567460	70.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	179518	37.986	ng	99
3) Pyridine	3.210	79	436407	38.326	ng	99
4) n-Nitrosodimethylamine	3.163	42	248931	38.269	ng	99
6) Aniline	6.463	93	439932	38.018	ng	99
8) 2-Chlorophenol	6.586	128	426501	37.030	ng	96
9) Benzaldehyde	6.345	77	310932	39.268	ng	99
10) Phenol	6.445	94	527421	36.397	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	407197	36.649	ng	98
12) 1,3-Dichlorobenzene	6.739	146	469100	36.939	ng	99
13) 1,4-Dichlorobenzene	6.816	146	473169	37.089	ng	100
14) 1,2-Dichlorobenzene	6.969	146	432488	36.203	ng	99
15) Benzyl Alcohol	6.939	79	350130	37.479	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	715839	37.050	ng	99
17) 2-Methylphenol	7.051	107	344483	36.801	ng	99
18) Hexachloroethane	7.310	117	173871	36.943	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	295405	36.368	ng	97
20) 3+4-Methylphenols	7.204	107	411022	35.761	ng	99
22) Acetophenone	7.210	105	548834	35.637	ng	99
24) Nitrobenzene	7.381	77	467777	36.727	ng	99
25) Isophorone	7.622	82	785054	36.952	ng	99
26) 2-Nitrophenol	7.698	139	224162	37.318	ng	100
27) 2,4-Dimethylphenol	7.733	122	262245	34.300	ng	100
28) bis(2-Chloroethoxy)met...	7.833	93	494480	36.489	ng	100
29) 2,4-Dichlorophenol	7.939	162	346397	37.008	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	385139	36.030	ng	99
31) Naphthalene	8.104	128	1231790	35.989	ng	99
32) Benzoic acid	7.851	122	229274	32.621	ng	100
33) 4-Chloroaniline	8.151	127	411817	35.481	ng	99
34) Hexachlorobutadiene	8.222	225	227599	36.308	ng	99
35) Caprolactam	8.528	113	116667	38.166	ng	94
36) 4-Chloro-3-methylphenol	8.633	107	376529	37.503	ng	98
37) 2-Methylnaphthalene	8.792	142	782487	35.969	ng	98
38) 1-Methylnaphthalene	8.892	142	767501	35.916	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	357735	36.817	ng	100
41) Hexachlorocyclopentadiene	8.945	237	112765	39.297	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	241760	38.014	ng	99

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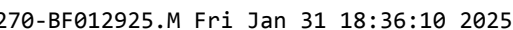
Instrument :
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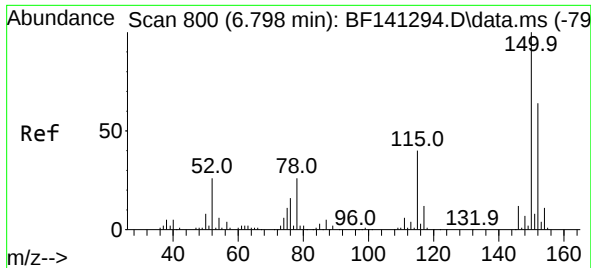
Quant Time: Jan 31 18:34:55 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	256970	37.124	ng	100
46) 1,1'-Biphenyl	9.257	154	961081	36.082	ng	99
47) 2-Chloronaphthalene	9.286	162	748367	36.046	ng	99
48) 2-Nitroaniline	9.380	65	246493	37.746	ng	99
49) Acenaphthylene	9.698	152	1061017	36.509	ng	100
50) Dimethylphthalate	9.563	163	853360	36.994	ng	100
51) 2,6-Dinitrotoluene	9.622	165	202525	37.813	ng	98
52) Acenaphthene	9.875	154	761516	36.678	ng	100
53) 3-Nitroaniline	9.792	138	195318	37.207	ng	100
54) 2,4-Dinitrophenol	9.898	184	104461	41.956	ng	97
55) Dibenzofuran	10.045	168	999283	35.957	ng	100
56) 4-Nitrophenol	9.951	139	152830	39.808	ng	98
57) 2,4-Dinitrotoluene	10.027	165	267112	38.519	ng	99
58) Fluorene	10.386	166	773726	35.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	209383	38.450	ng	99
60) Diethylphthalate	10.263	149	832152	37.205	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	380628	36.147	ng	100
62) 4-Nitroaniline	10.404	138	198535	38.469	ng	99
63) Azobenzene	10.539	77	831958	37.160	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	148537	44.330	ng	99
66) n-Nitrosodiphenylamine	10.498	169	682549	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	244392	38.536	ng	98
68) Hexachlorobenzene	10.933	284	255323	37.954	ng	99
69) Atrazine	11.027	200	213403	34.836	ng	98
70) Pentachlorophenol	11.127	266	167246	42.456	ng	99
71) Phenanthrene	11.351	178	1133127	37.212	ng	99
72) Anthracene	11.404	178	1126615	37.760	ng	99
73) Carbazole	11.557	167	1014712	38.354	ng	99
74) Di-n-butylphthalate	11.892	149	1270081	39.613	ng	100
75) Fluoranthene	12.539	202	1159837	38.576	ng	100
77) Benzidine	12.663	184	393366	35.937	ng	99
78) Pyrene	12.768	202	1173910	35.817	ng	100
80) Butylbenzylphthalate	13.392	149	451201	39.406	ng	99
81) Benzo(a)anthracene	13.957	228	824181	34.980	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	272114	36.313	ng	99
83) Chrysene	13.998	228	770666	35.690	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	561147	38.633	ng	100
85) Di-n-octyl phthalate	14.586	149	880674	39.037	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	802001	37.527	ng	100
88) Benzo(b)fluoranthene	15.015	252	808478	38.817	ng	99
89) Benzo(k)fluoranthene	15.045	252	638999	34.632	ng	100
90) Benzo(a)pyrene	15.380	252	655984	37.270	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	645395	37.536	ng	99
92) Benzo(g,h,i)perylene	17.327	276	685709	38.355	ng	99

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

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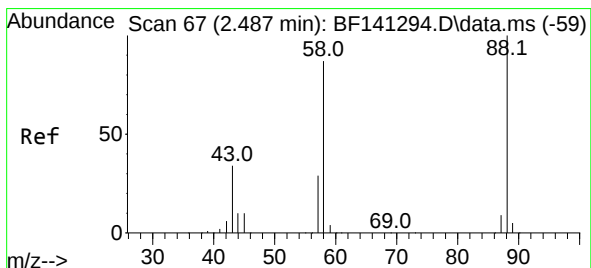
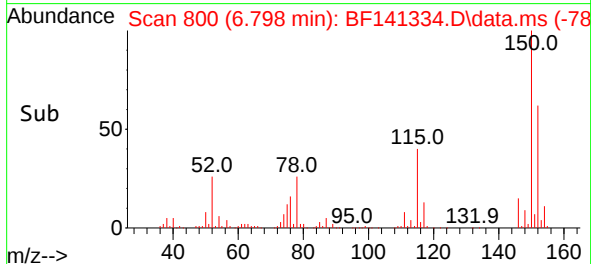
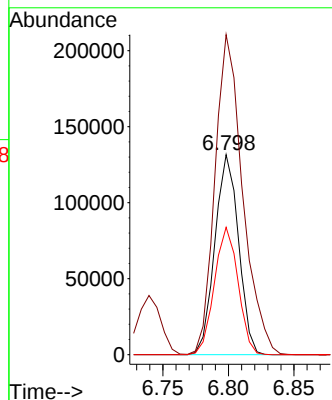
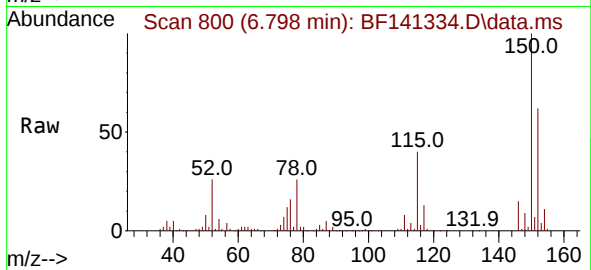




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

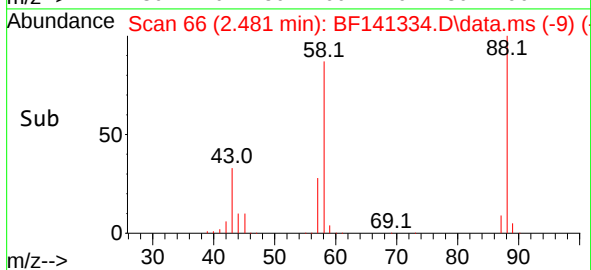
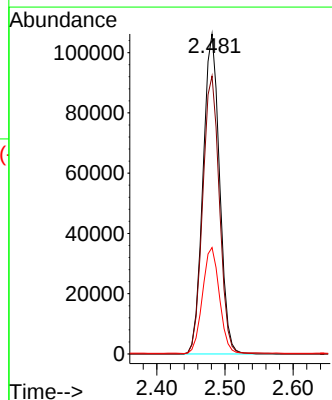
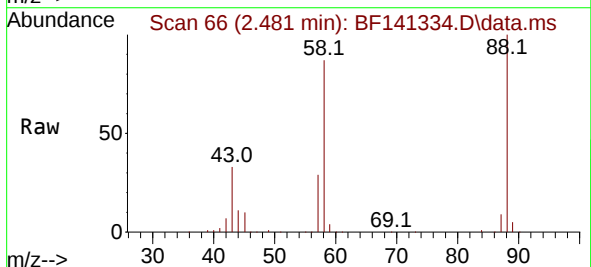
Instrument :
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 ClientSampleId :
 SSTDCCC040EC

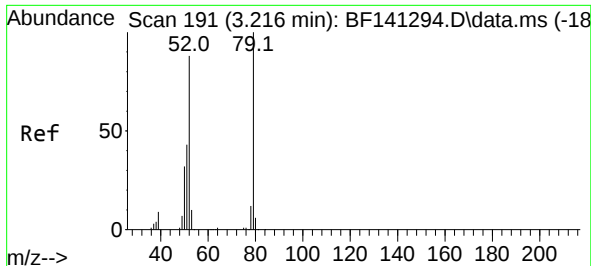
Tgt Ion:152 Resp: 164970
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.9 188.9
 115 63.7 49.7 74.5



#2
 1,4-Dioxane
 Concen: 37.986 ng
 RT: 2.481 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion: 88 Resp: 179518
 Ion Ratio Lower Upper
 88 100
 58 87.2 70.2 105.4
 43 33.7 27.6 41.4

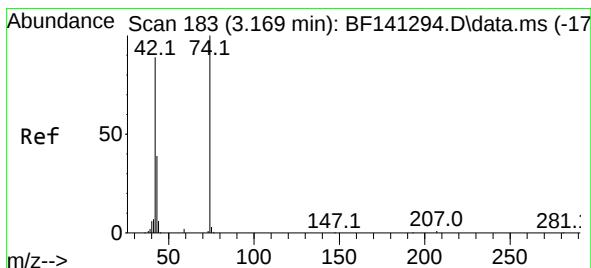
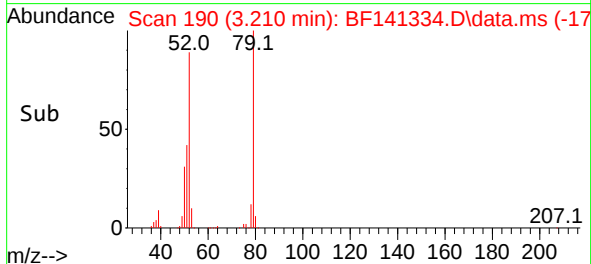
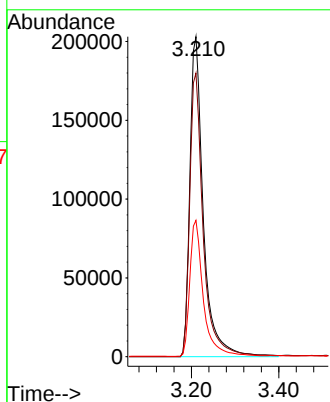
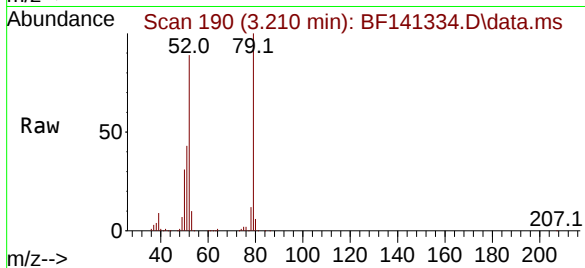




#3
Pyridine
Concen: 38.326 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

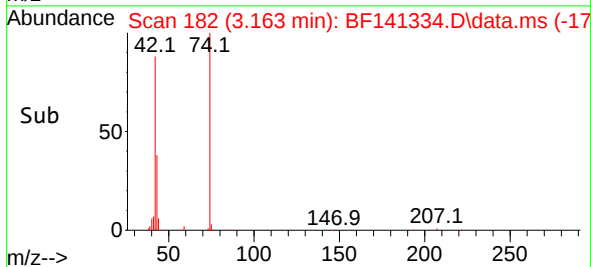
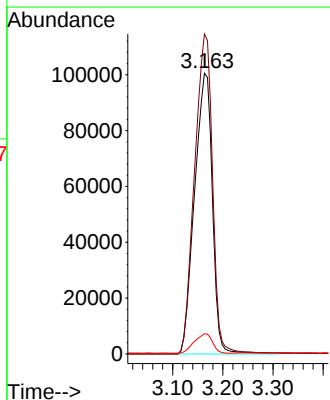
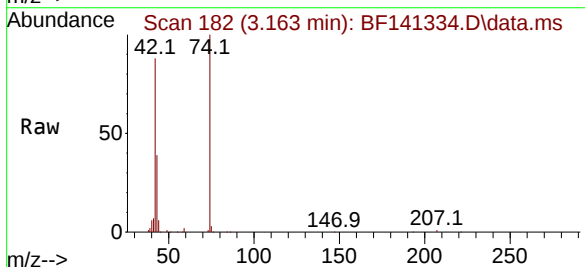
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

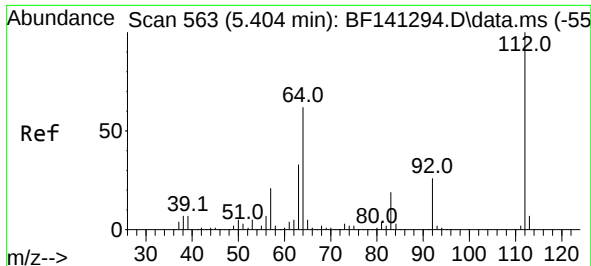
Tgt Ion: 79 Resp: 436407
Ion Ratio Lower Upper
79 100
52 88.6 70.3 105.5
51 42.6 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 38.269 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.036 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 42 Resp: 248931
Ion Ratio Lower Upper
42 100
74 114.0 90.3 135.5
44 7.2 5.7 8.5

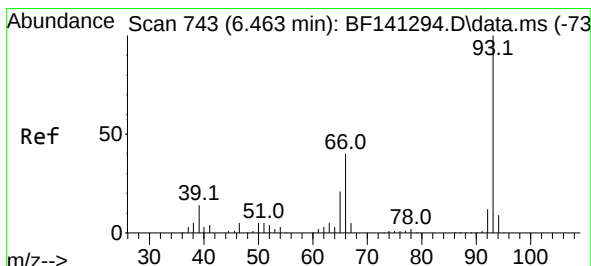
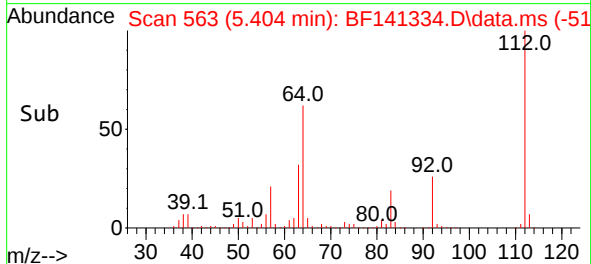
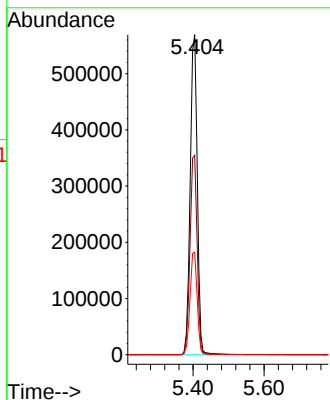
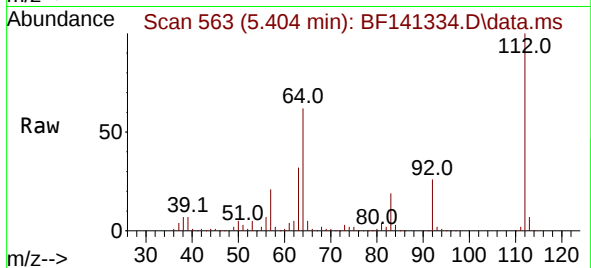




#5
2-Fluorophenol
Concen: 73.623 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

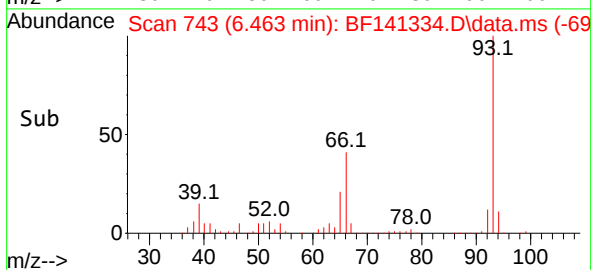
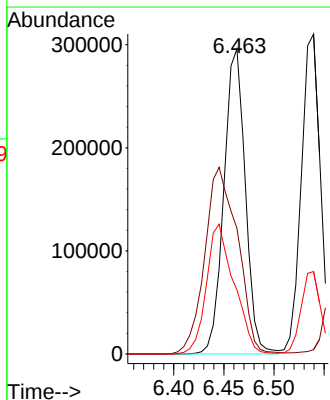
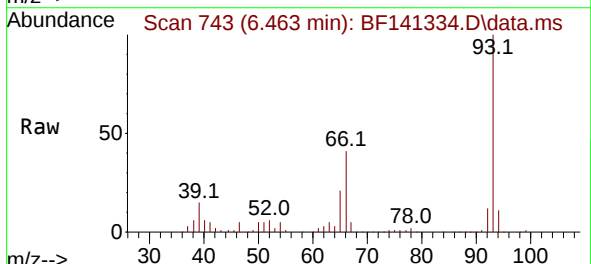
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ClientSampleId :
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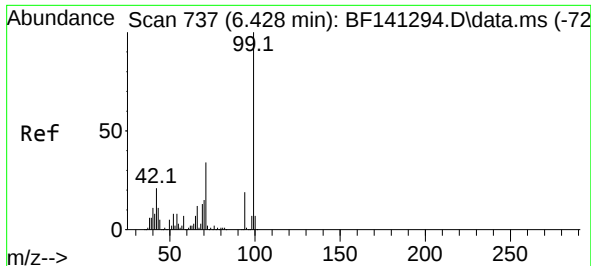
Tgt Ion:112 Resp: 791139
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 32.1 26.1 39.1



#6
Aniline
Concen: 38.018 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 439932
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 21.0 17.0 25.6

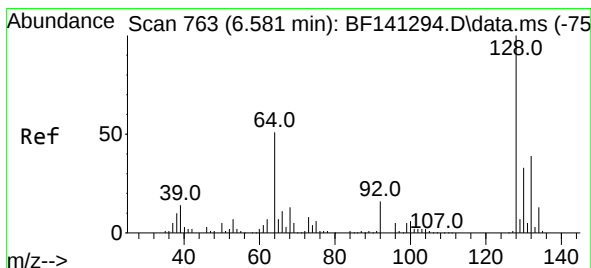
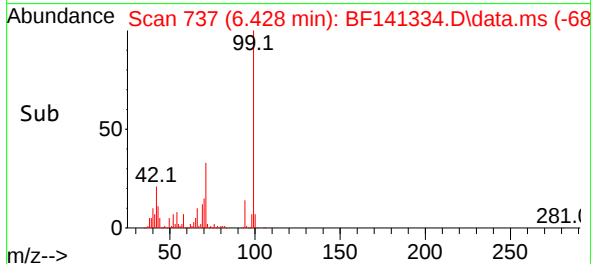
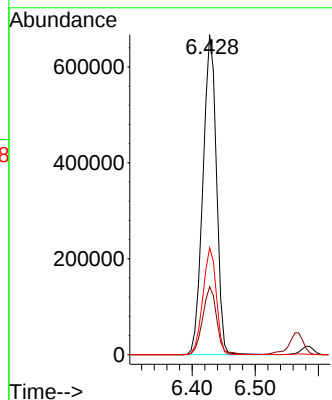
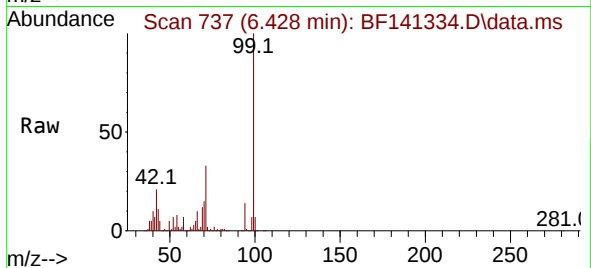




#7
Phenol-d6
Concen: 72.667 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

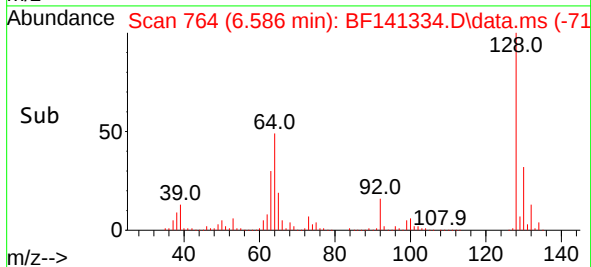
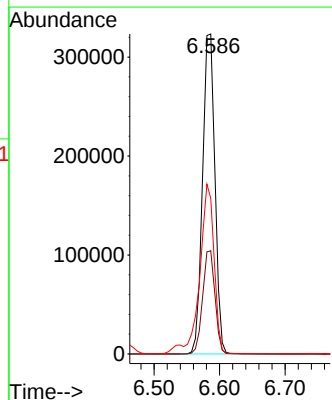
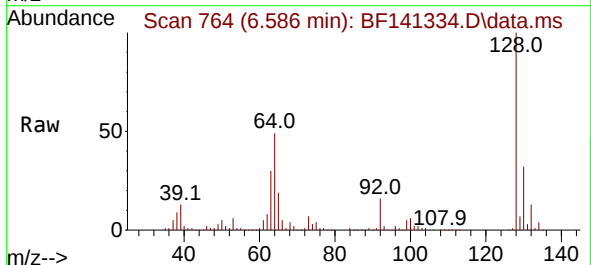
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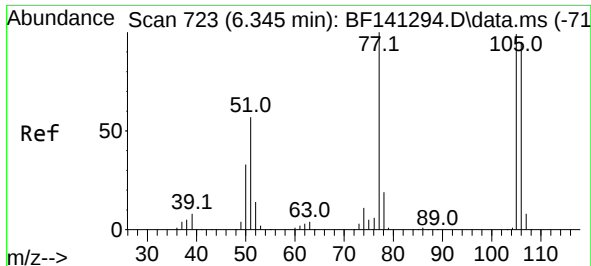
Tgt Ion: 99 Resp: 993362
Ion Ratio Lower Upper
99 100
42 21.3 17.1 25.7
71 33.4 26.9 40.3



#8
2-Chlorophenol
Concen: 37.030 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:128 Resp: 426501
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 48.7 32.9 72.9

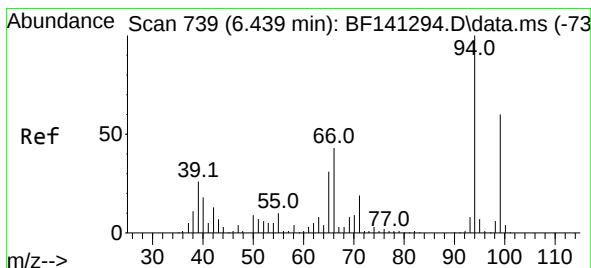
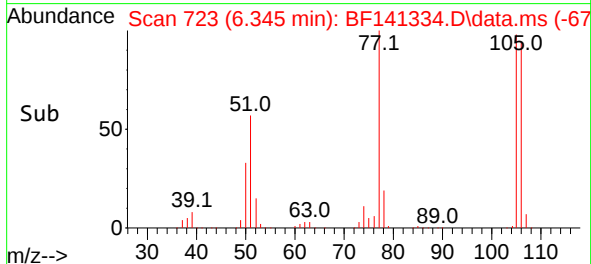
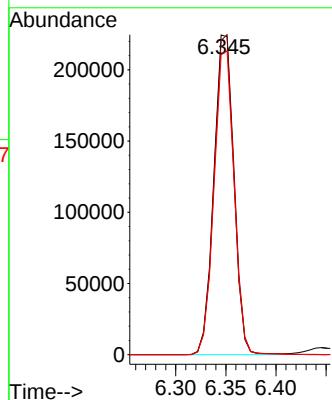
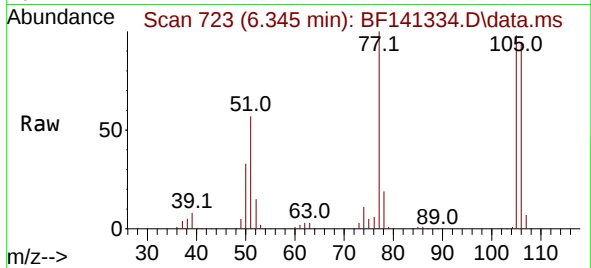




#9
Benzaldehyde
Concen: 39.268 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141334.D
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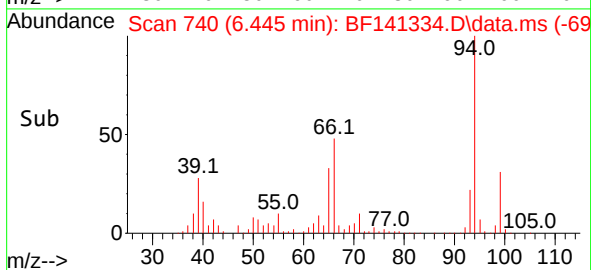
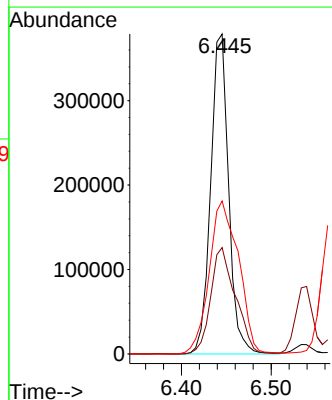
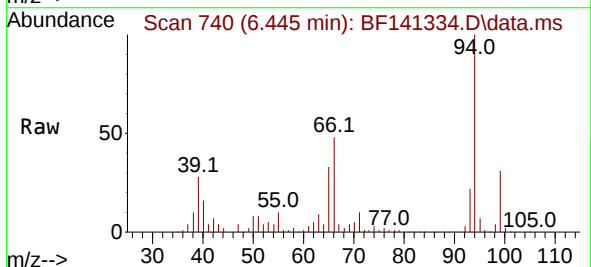
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BNA_F
ClientSampleId :
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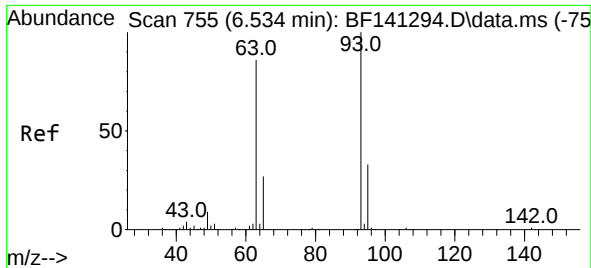
Tgt Ion: 77 Resp: 310932
Ion Ratio Lower Upper
77 100
105 98.3 79.4 119.4
106 93.9 74.6 114.6



#10
Phenol
Concen: 36.397 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 94 Resp: 527421
Ion Ratio Lower Upper
94 100
65 33.3 10.8 50.8
66 47.8 23.3 63.3

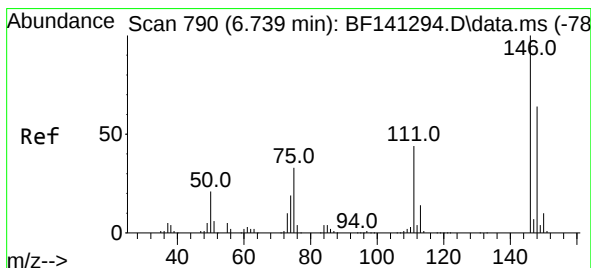
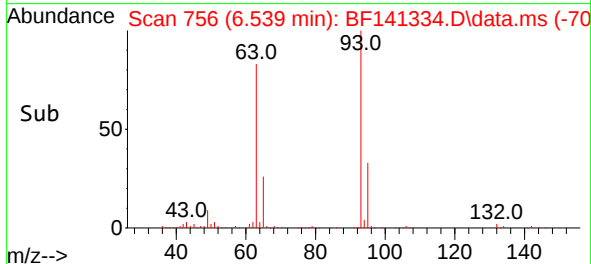
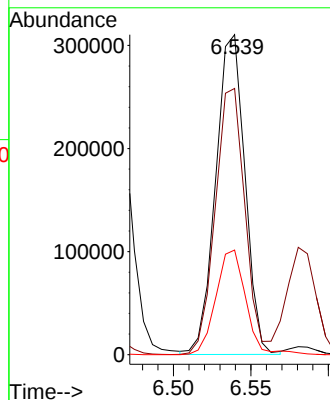
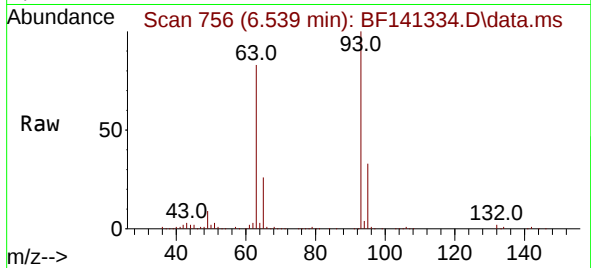




#11
bis(2-Chloroethyl)ether
Concen: 36.649 ng
RT: 6.539 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

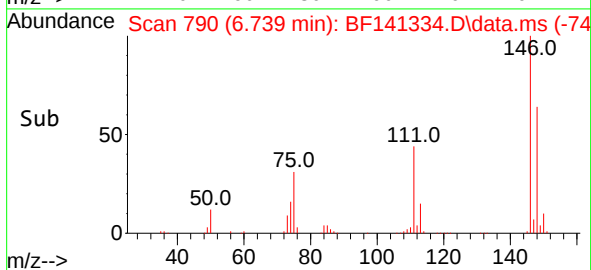
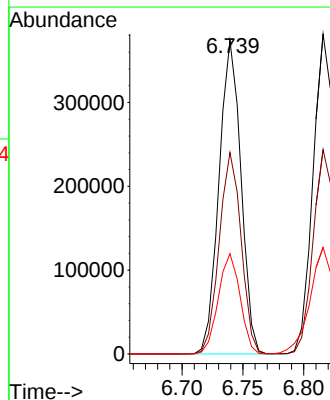
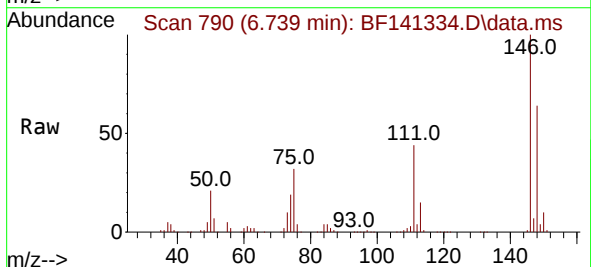
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

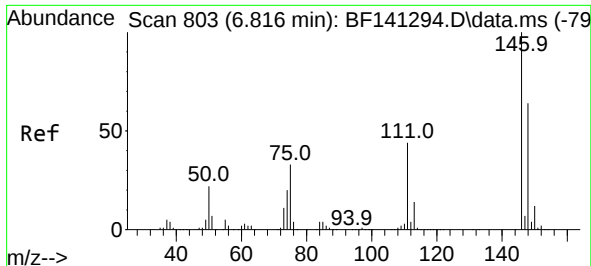
Tgt Ion: 93 Resp: 407197
Ion Ratio Lower Upper
93 100
63 83.2 65.0 105.0
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.939 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:146 Resp: 469100
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 32.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.089 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

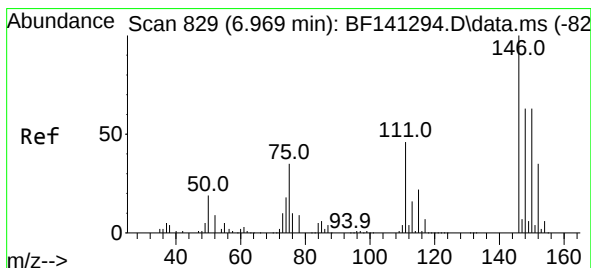
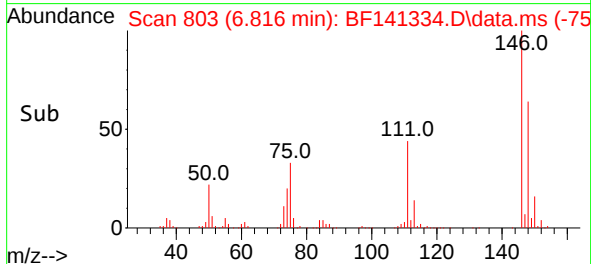
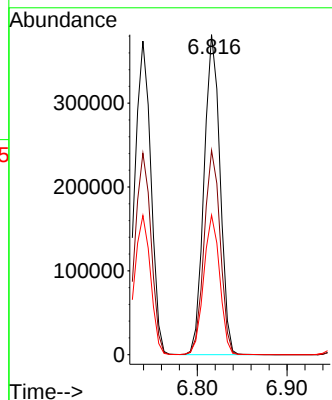
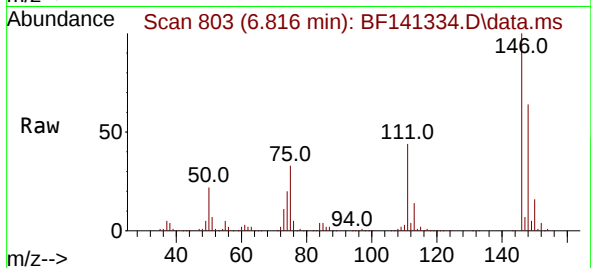
Tgt Ion:146 Resp: 473169

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 43.6 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 36.203 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

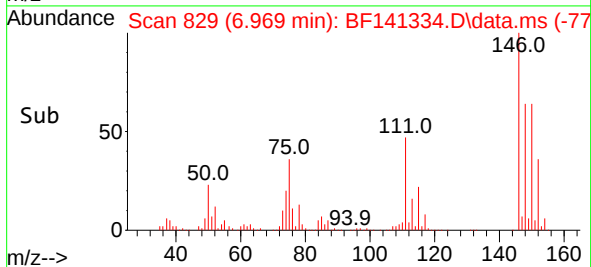
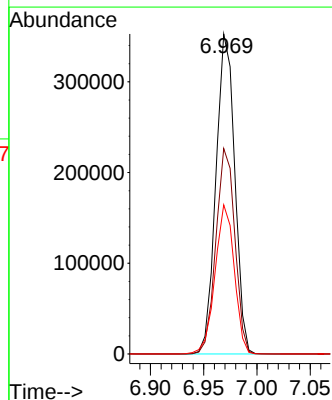
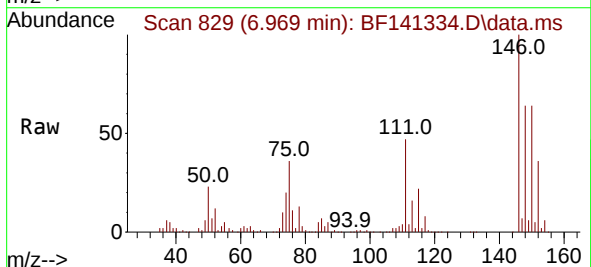
Tgt Ion:146 Resp: 432488

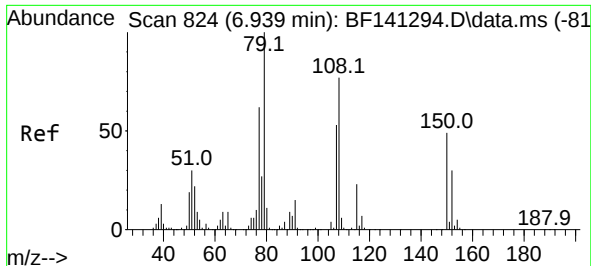
Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

111 46.6 36.6 55.0

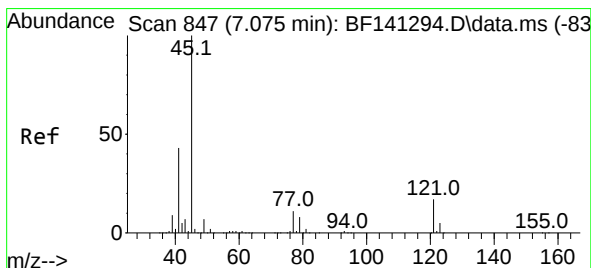
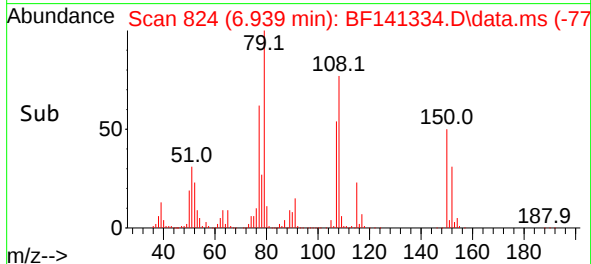
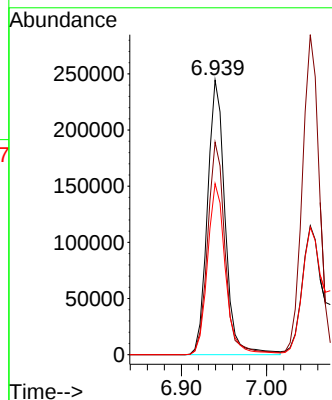
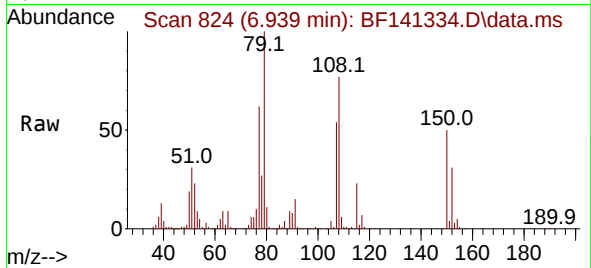




#15
Benzyl Alcohol
Concen: 37.479 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

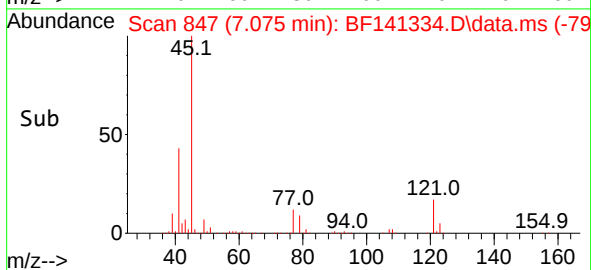
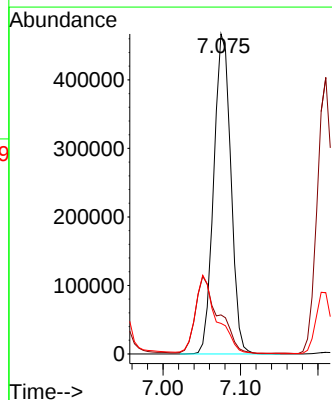
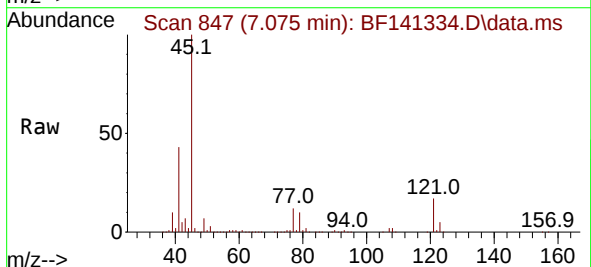
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

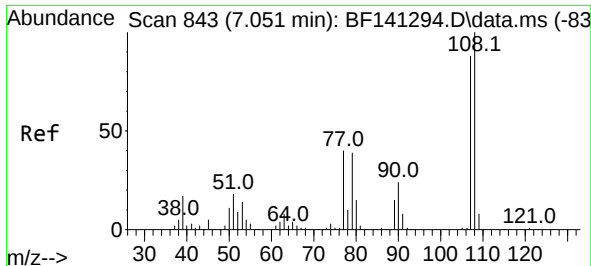
Tgt Ion: 79 Resp: 350130
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 62.3 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.050 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 45 Resp: 715839
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.8
79 9.5 0.0 29.1

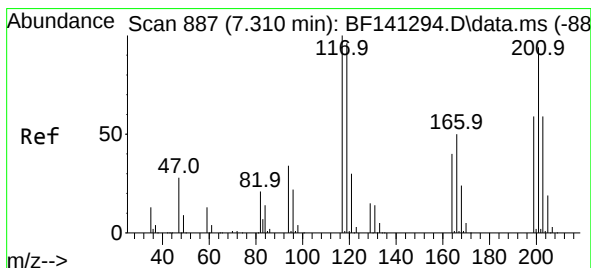
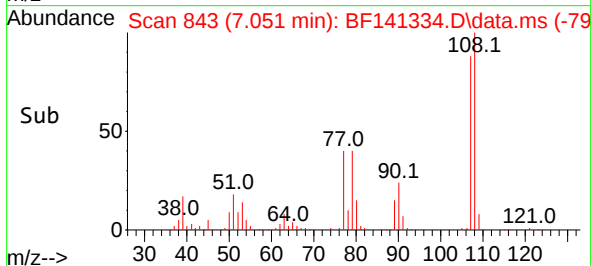
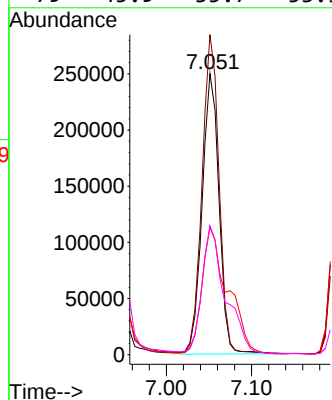
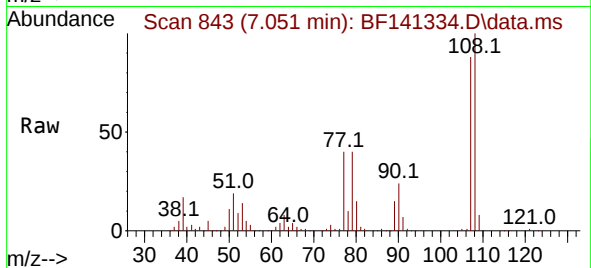




#17
2-Methylphenol
Concen: 36.801 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

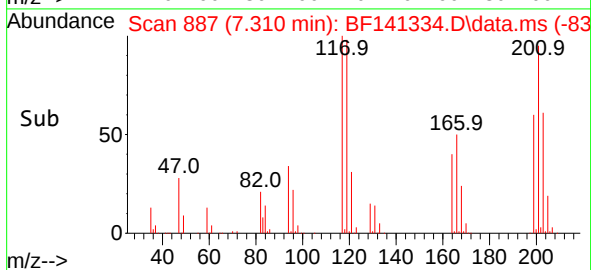
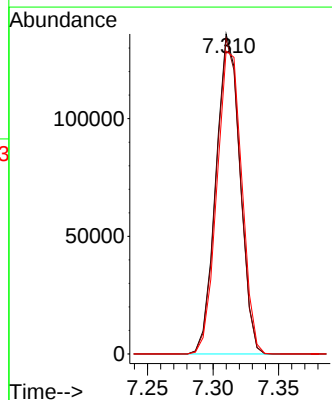
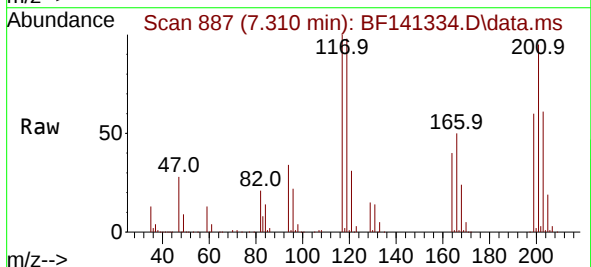
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

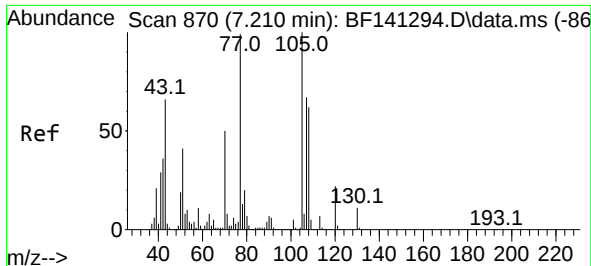
Tgt Ion:	107	Resp:	344483
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.8	136.2
77	45.4	36.2	54.4
79	45.9	35.7	53.5



#18
Hexachloroethane
Concen: 36.943 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:	117	Resp:	173871
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.6	114.8
201	94.7	74.8	112.2

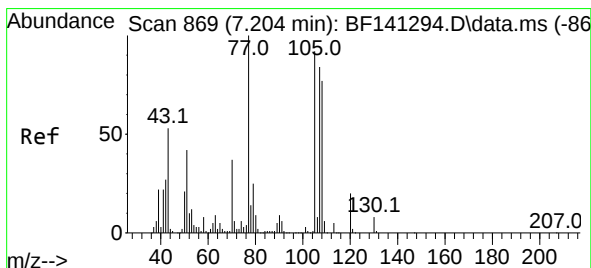
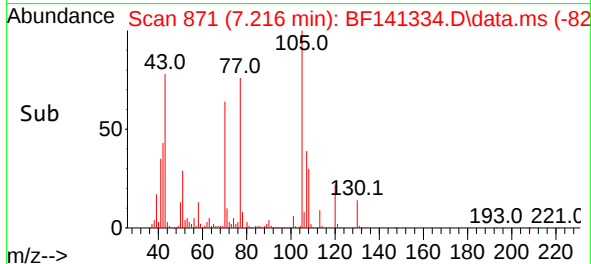
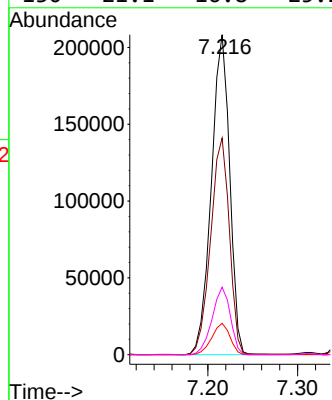
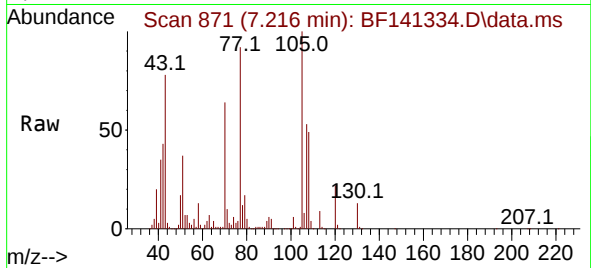




#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 7.216 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

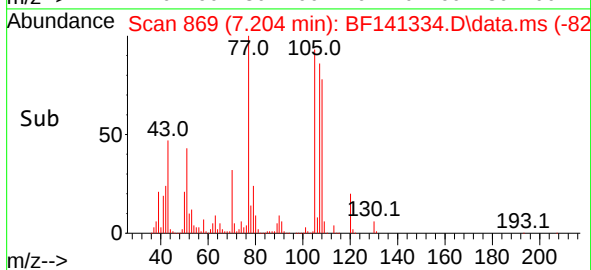
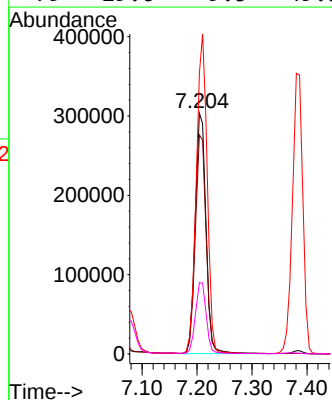
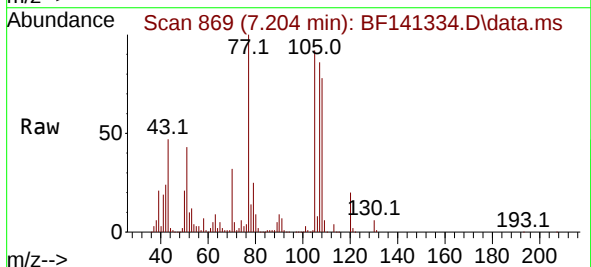
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

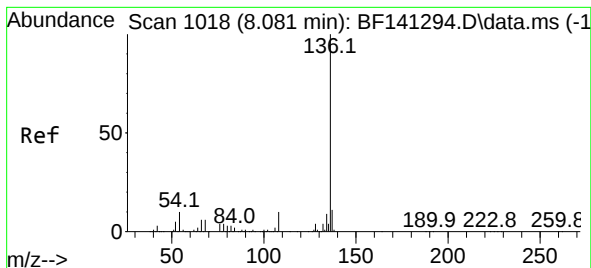
Tgt Ion: 70 Resp: 295405
Ion Ratio Lower Upper
70 100
42 67.7 56.8 85.2
101 9.8 7.7 11.5
130 21.1 16.8 25.2



#20
3+4-Methylphenols
Concen: 35.761 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 411022
Ion Ratio Lower Upper
107 100
108 91.0 70.9 110.9
77 116.6 98.5 138.5
79 29.6 9.5 49.5



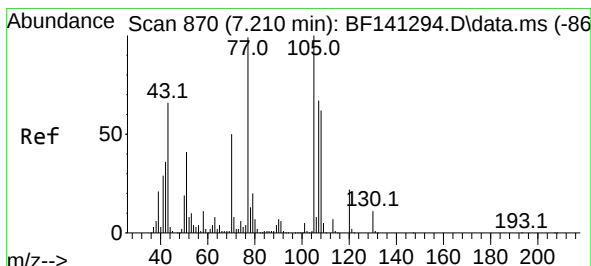
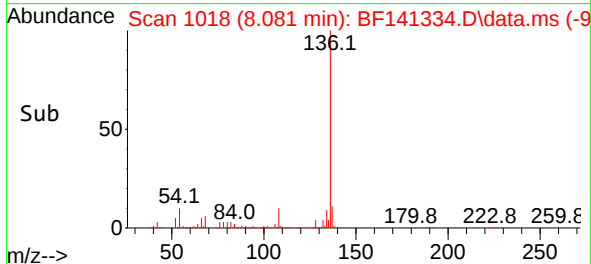
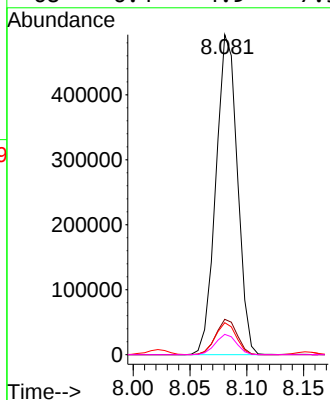
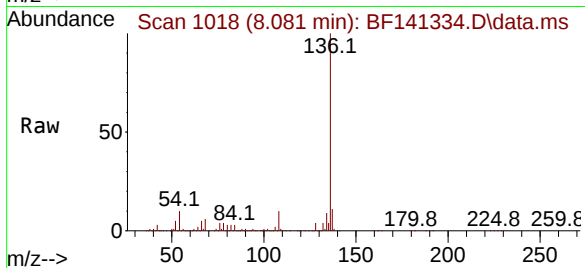


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 647909

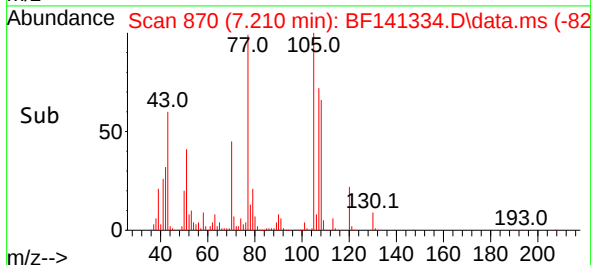
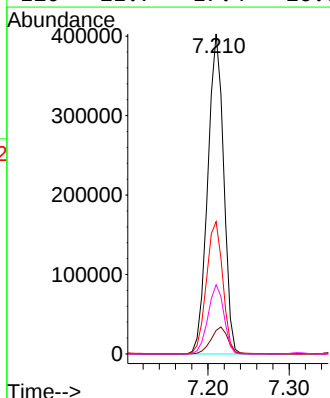
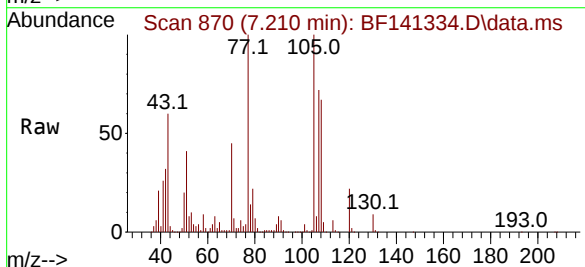
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.0	7.8	11.8
68	6.4	4.9	7.3

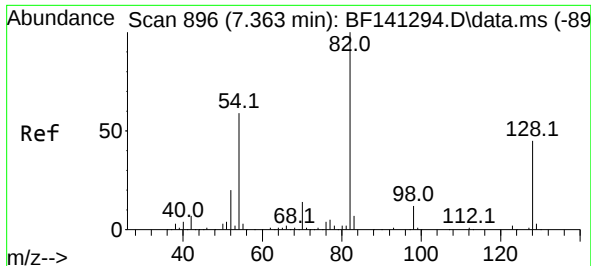


#22
Acetophenone
Concen: 35.637 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:105 Resp: 548834

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.8	10.2
51	41.3	32.6	49.0
120	21.7	17.4	26.0

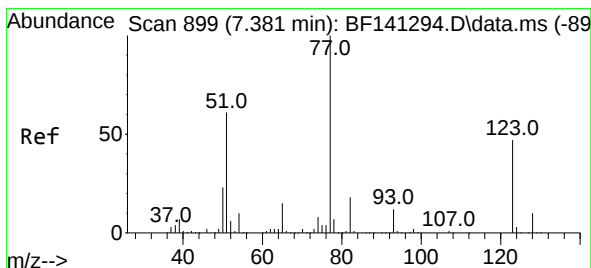
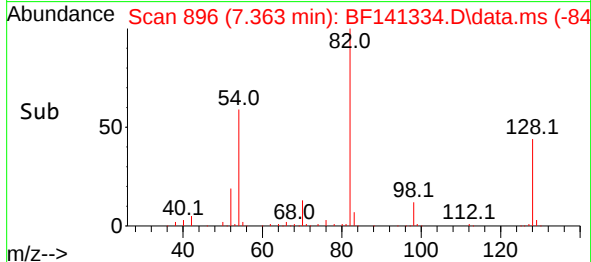
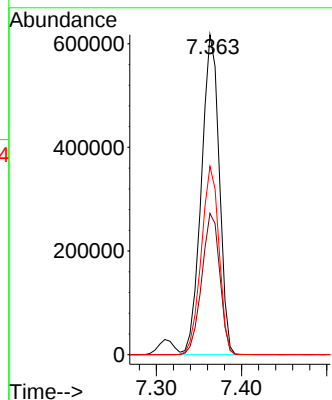
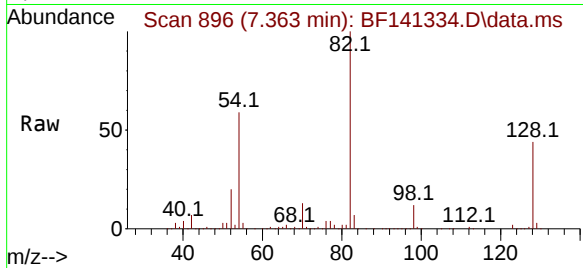




#23
 Nitrobenzene-d5
 Concen: 72.918 ng
 RT: 7.363 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

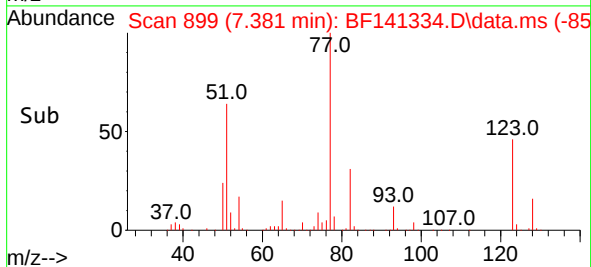
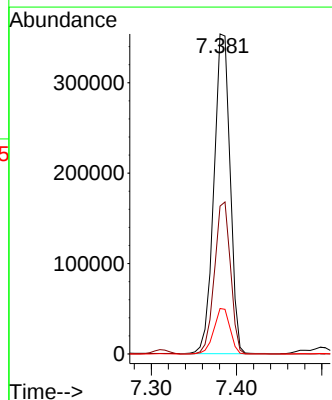
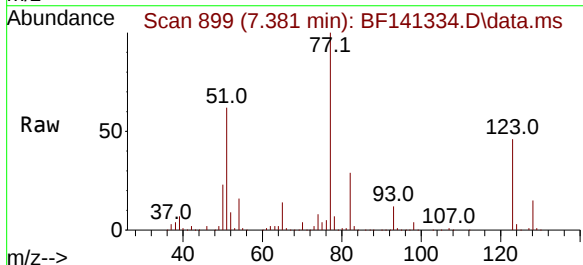
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

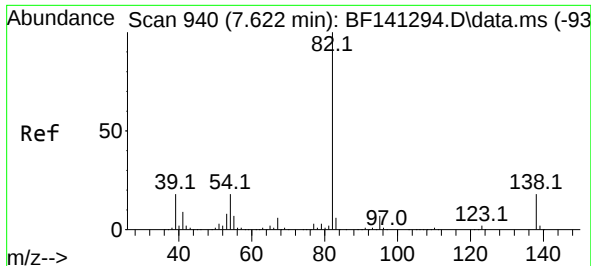
Tgt Ion: 82 Resp: 896200
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.7 53.5
 54 58.8 47.1 70.7



#24
 Nitrobenzene
 Concen: 36.727 ng
 RT: 7.381 min Scan# 899
 Delta R.T. -0.012 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion: 77 Resp: 467777
 Ion Ratio Lower Upper
 77 100
 123 46.2 37.3 55.9
 65 14.2 11.8 17.6

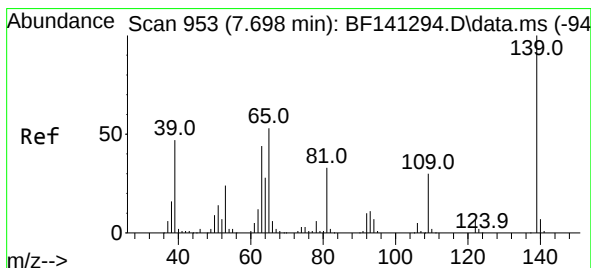
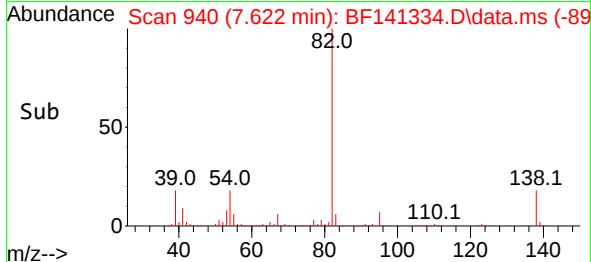
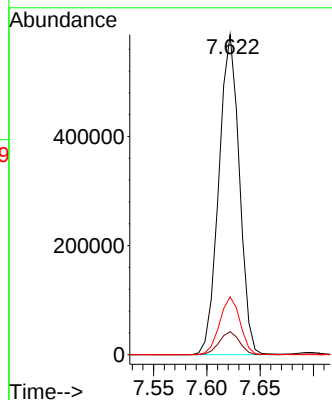
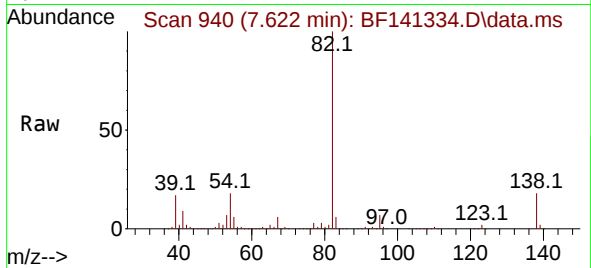




#25
Isophorone
Concen: 36.952 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

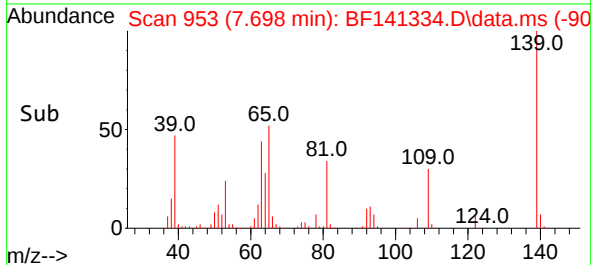
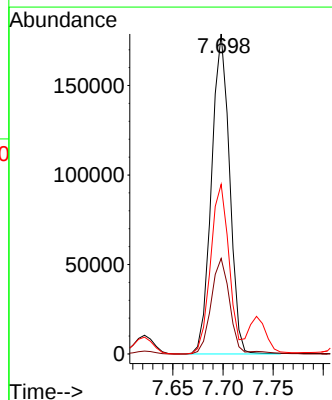
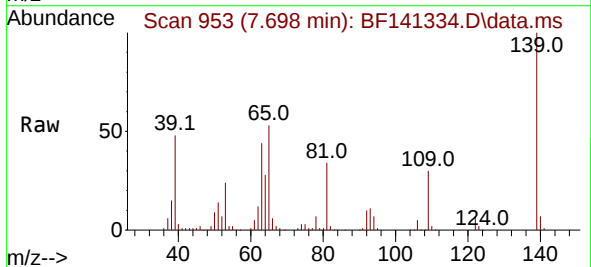
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

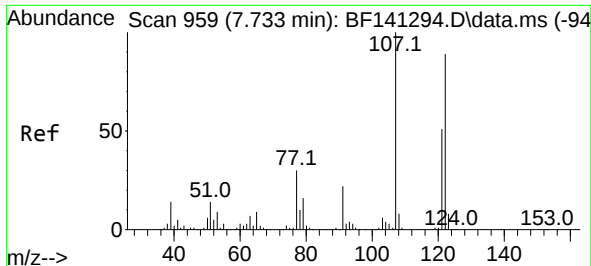
Tgt Ion: 82 Resp: 785054
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.1 14.7 22.1



#26
2-Nitrophenol
Concen: 37.318 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 224162
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 53.0 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 34.300 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

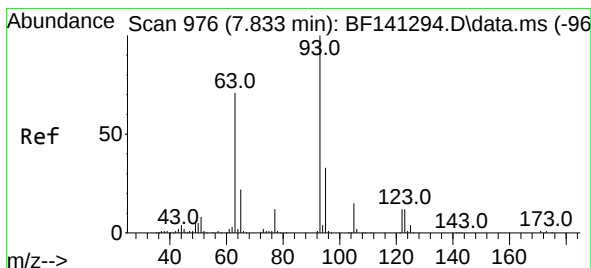
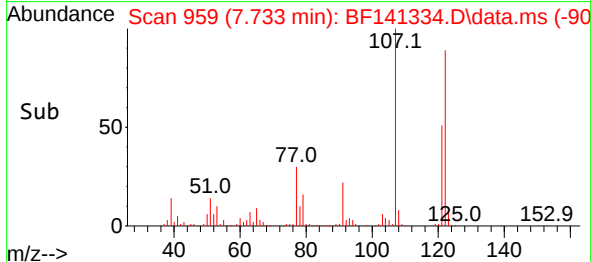
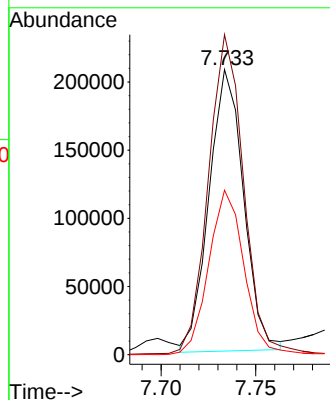
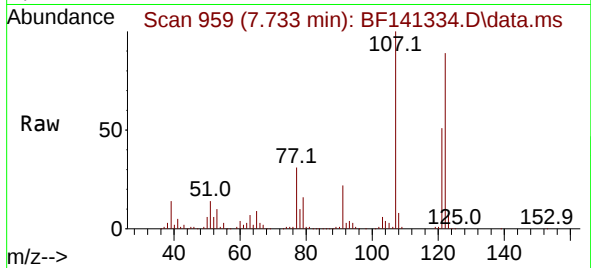
Tgt Ion:122 Resp: 262245

Ion Ratio Lower Upper

122 100

107 112.2 89.9 134.9

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.489 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

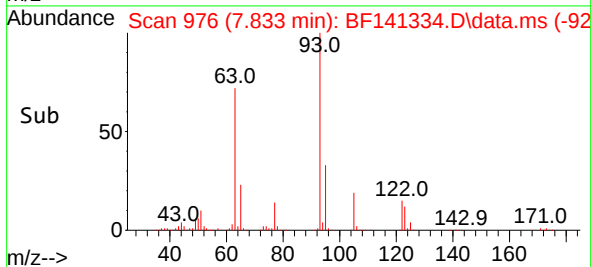
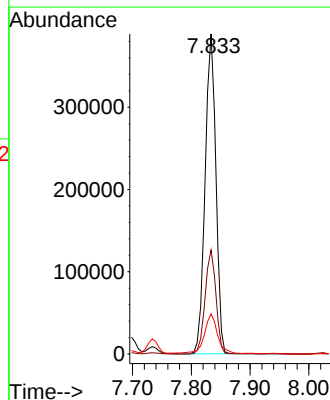
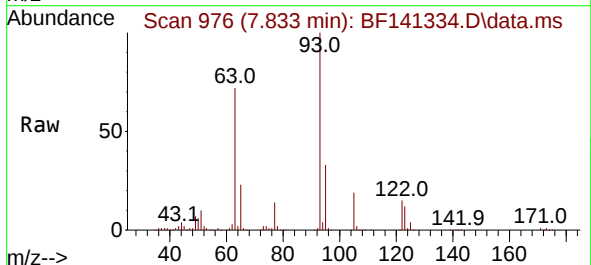
Tgt Ion: 93 Resp: 494480

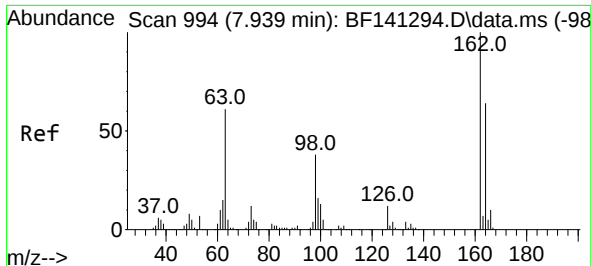
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.5 10.2 15.4

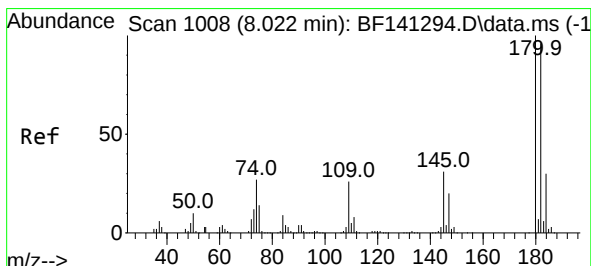
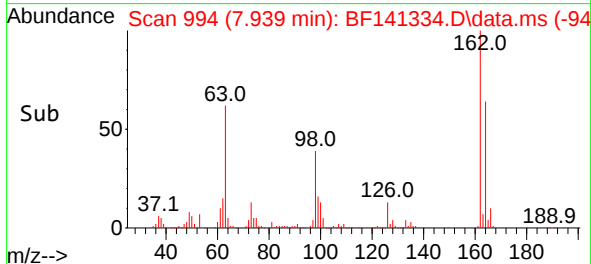
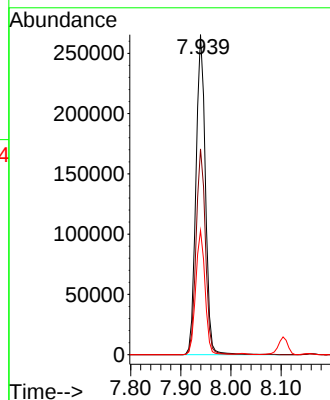
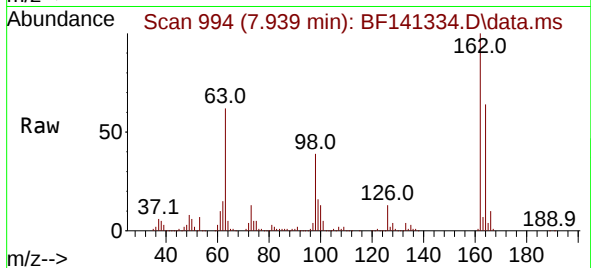




#29
2,4-Dichlorophenol
Concen: 37.008 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

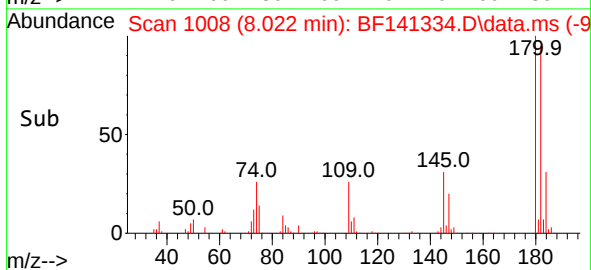
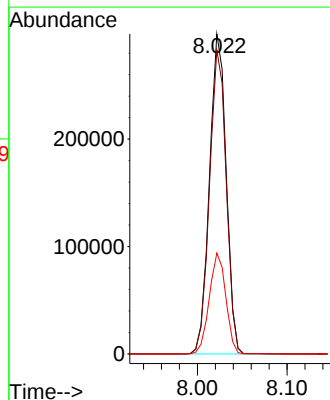
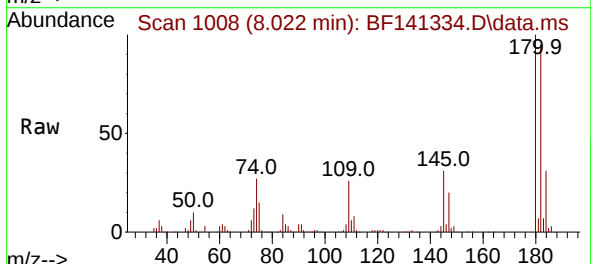
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

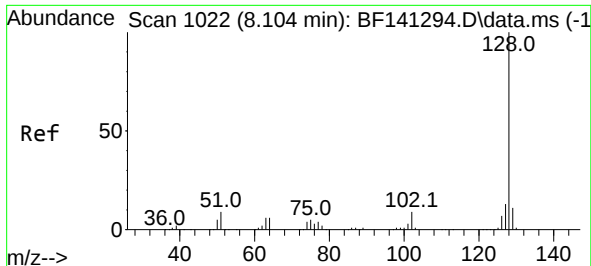
Tgt Ion:162 Resp: 346397
Ion Ratio Lower Upper
162 100
164 64.3 44.2 84.2
98 38.8 18.2 58.2



#30
1,2,4-Trichlorobenzene
Concen: 36.030 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:180 Resp: 385139
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 31.5 24.9 37.3

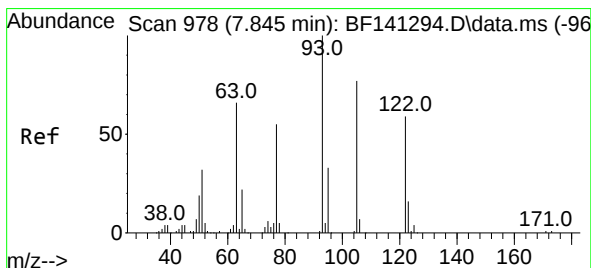
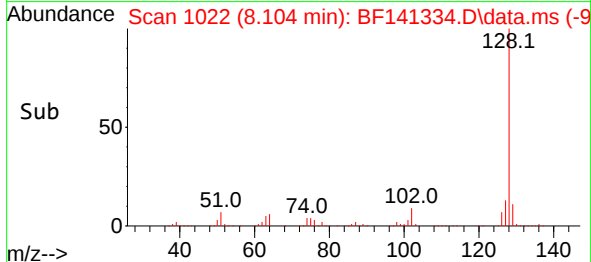
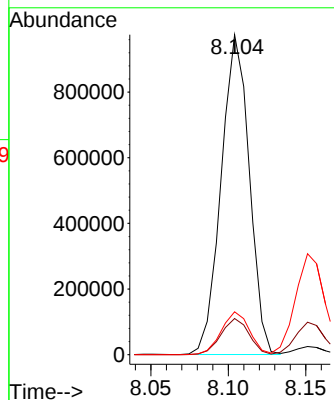
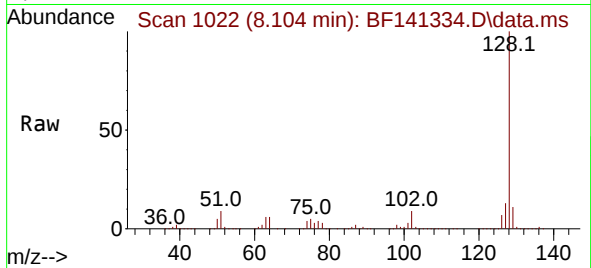




#31
Naphthalene
Concen: 35.989 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

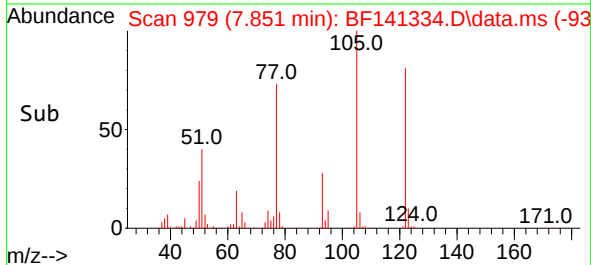
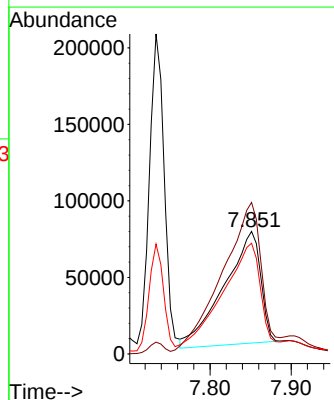
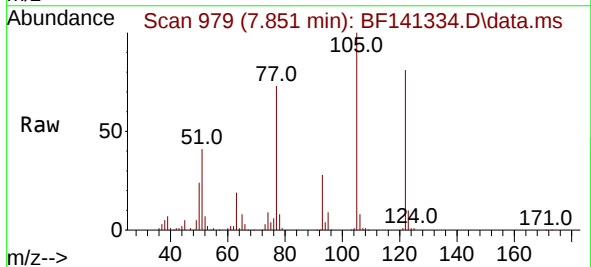
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

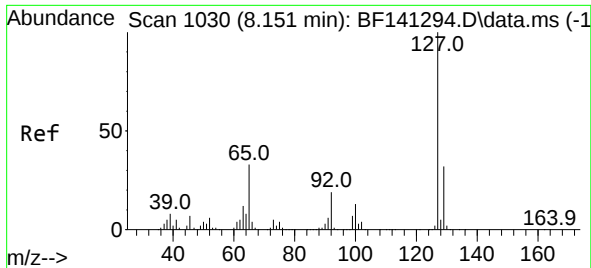
Tgt Ion:128 Resp: 1231790
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 32.621 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:122 Resp: 229274
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 90.4 70.9 110.9

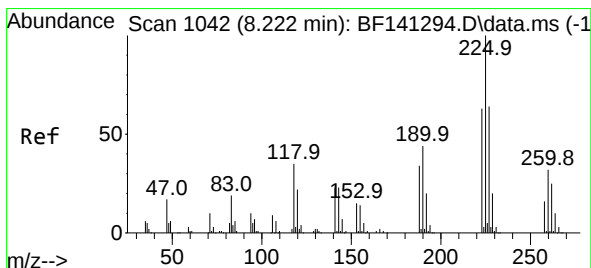
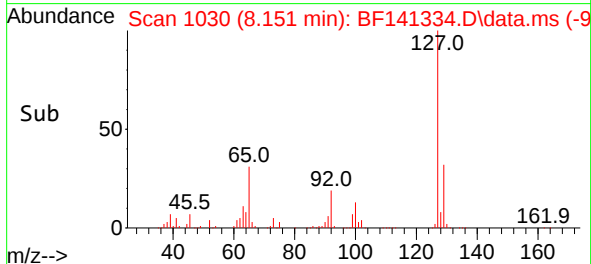
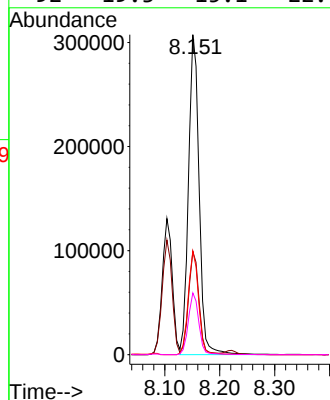
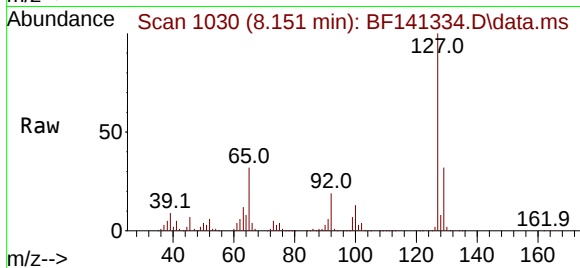




#33
4-Chloroaniline
Concen: 35.481 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

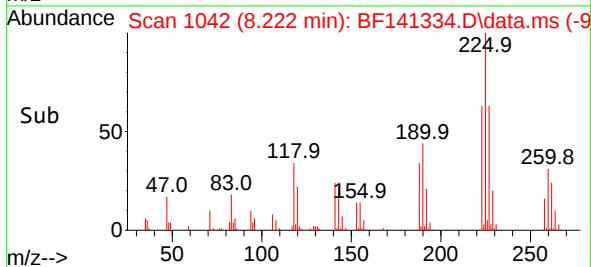
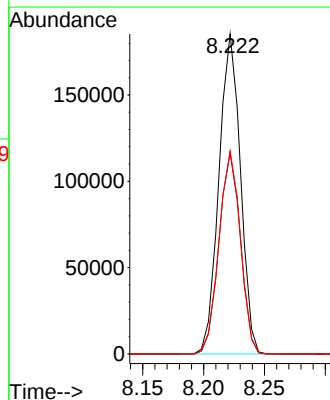
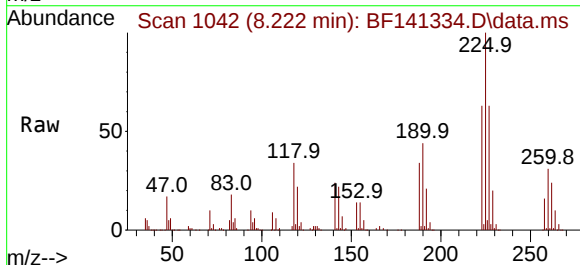
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

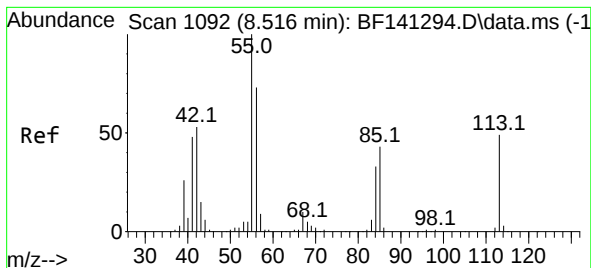
Tgt Ion:	127	Resp:	411817
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	32.4	26.4	39.6
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 36.308 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:	225	Resp:	227599
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.5	51.3	76.9





#35

Caprolactam

Concen: 38.166 ng

RT: 8.528 min Scan# 1109

Delta R.T. -0.018 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

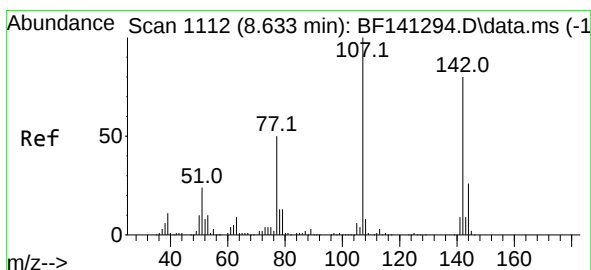
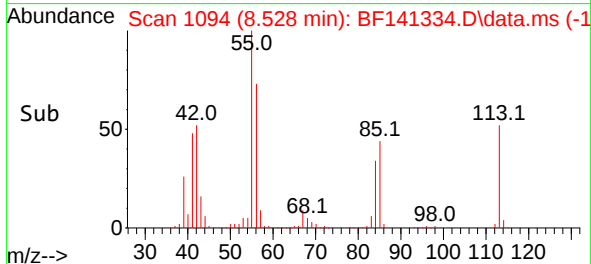
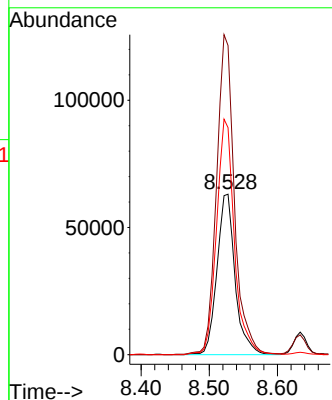
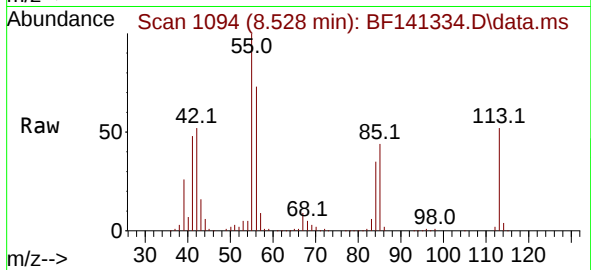
Tgt Ion:113 Resp: 116667

Ion Ratio Lower Upper

113 100

55 192.5 182.9 222.9

56 141.4 127.9 167.9



#36

4-Chloro-3-methylphenol

Concen: 37.503 ng

RT: 8.633 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

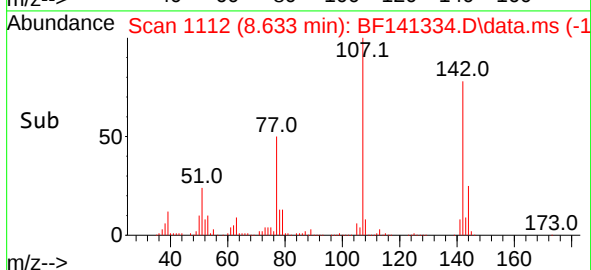
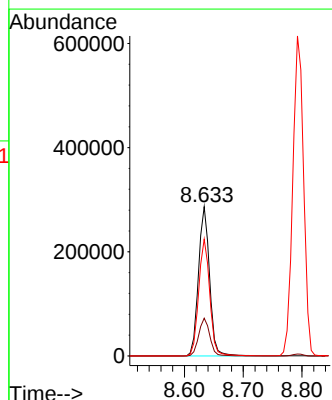
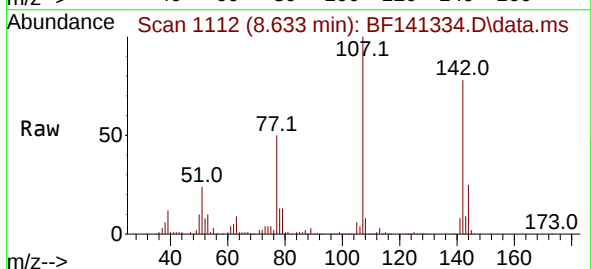
Tgt Ion:107 Resp: 376529

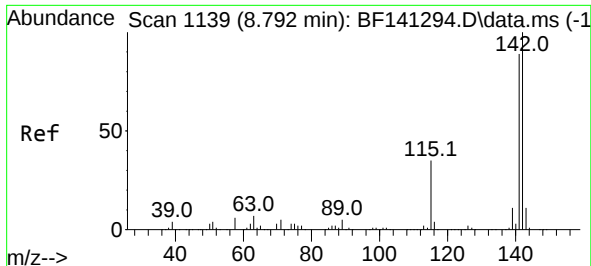
Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

142 78.3 63.8 95.8





#37

2-Methylnaphthalene

Concen: 35.969 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

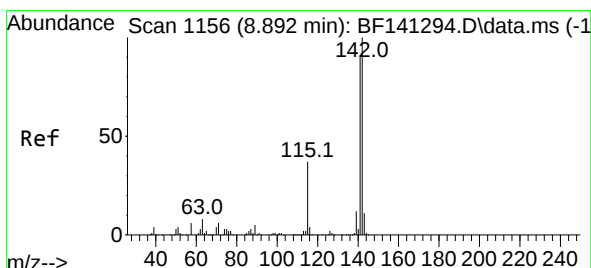
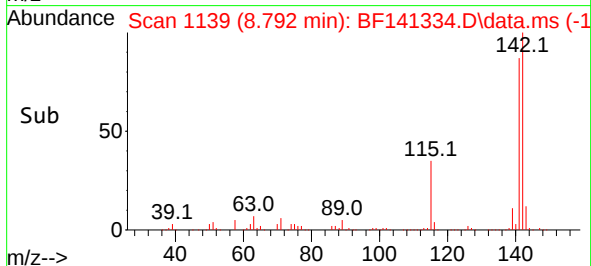
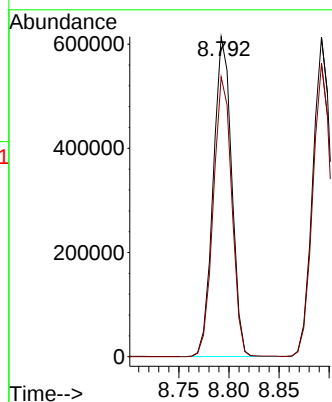
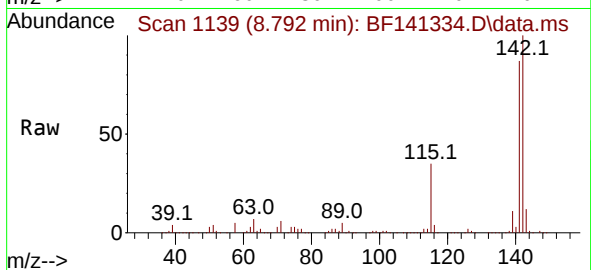
SSTDCCC040EC

Tgt Ion:142 Resp: 782487

Ion Ratio Lower Upper

142 100

141 87.4 71.3 106.9



#38

1-Methylnaphthalene

Concen: 35.916 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141334.D

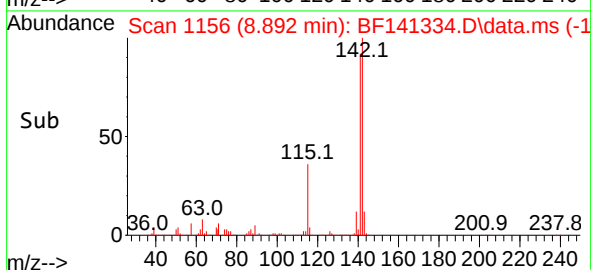
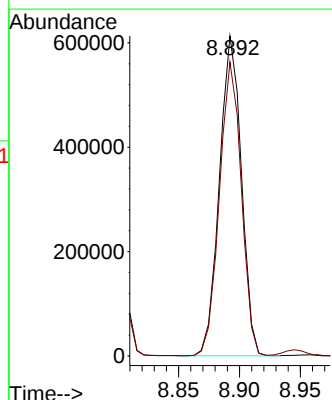
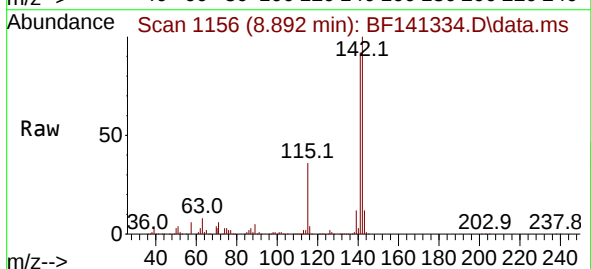
Acq: 31 Jan 2025 16:26

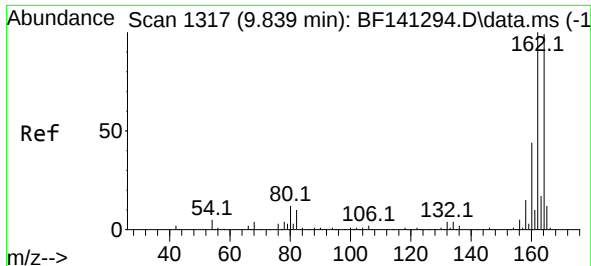
Tgt Ion:142 Resp: 767501

Ion Ratio Lower Upper

142 100

141 91.8 73.2 109.8

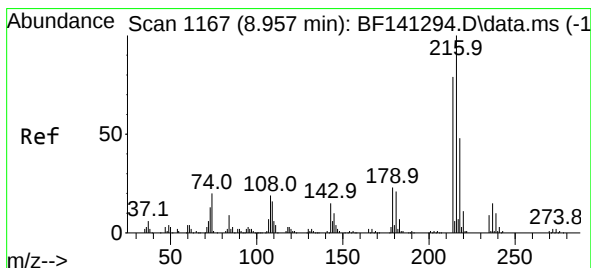
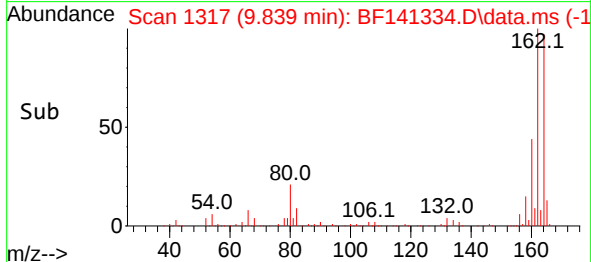
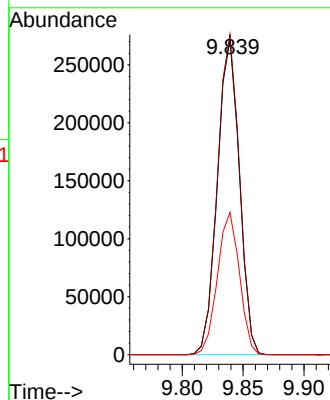
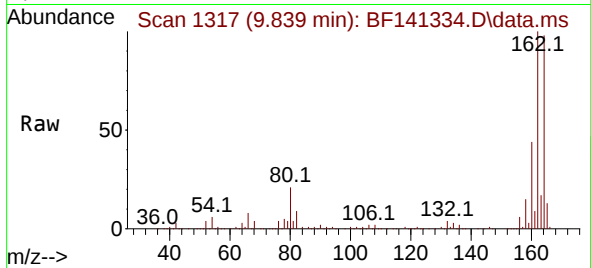




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

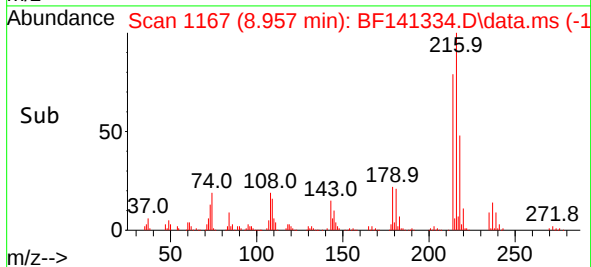
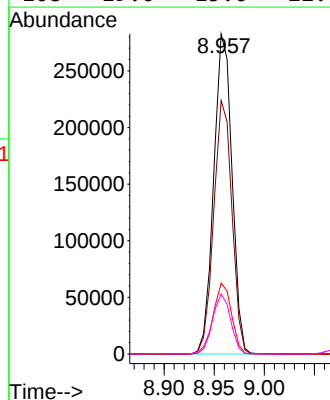
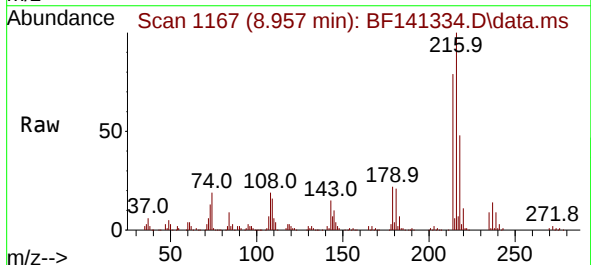
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

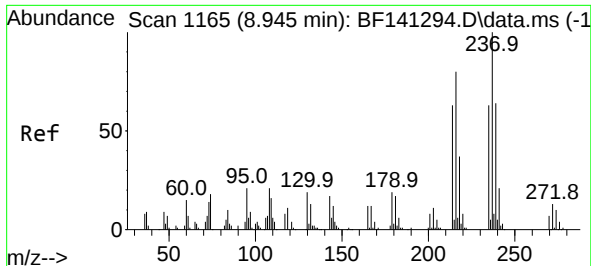
Tgt Ion:164 Resp: 341541
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 45.1 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.817 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:216 Resp: 357735
Ion Ratio Lower Upper
216 100
214 79.0 63.2 94.8
179 21.9 17.8 26.8
108 19.0 15.0 22.6

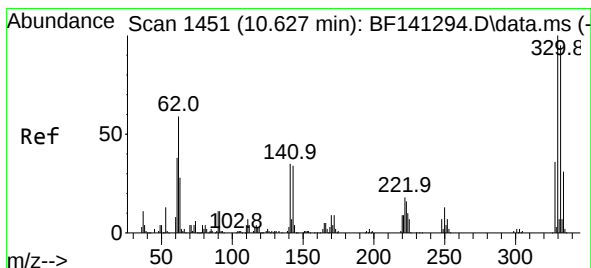
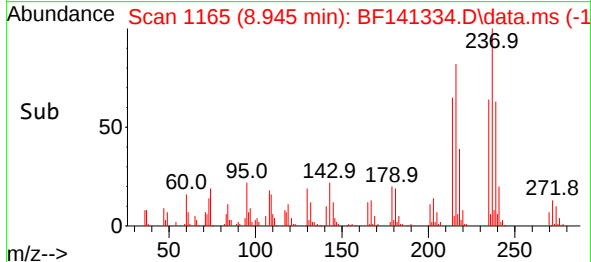
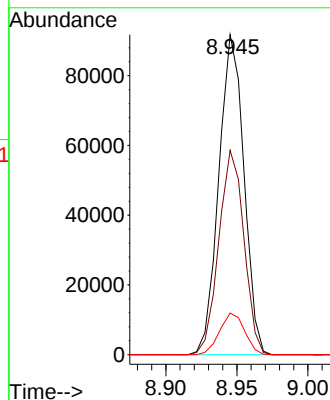
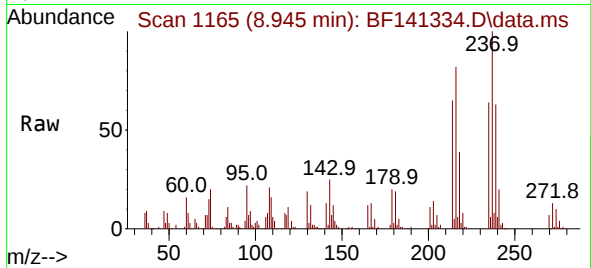




#41
Hexachlorocyclopentadiene
Concen: 39.297 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

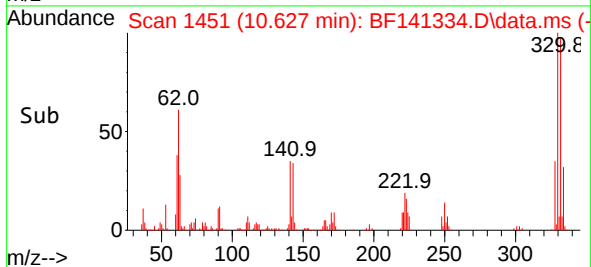
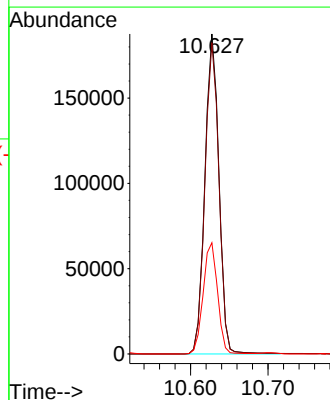
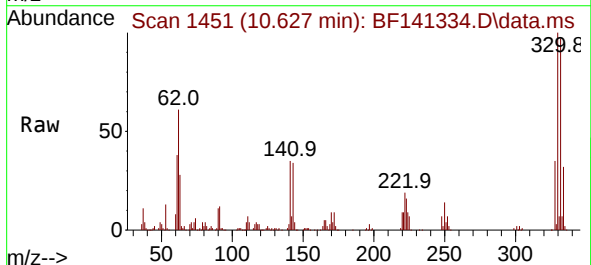
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

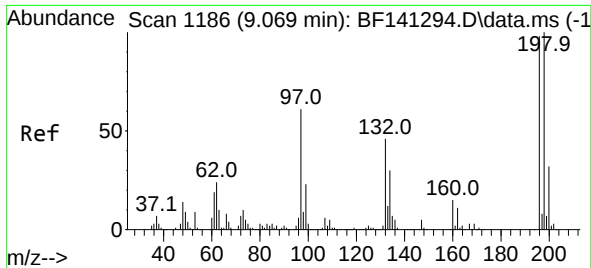
Tgt Ion:237 Resp: 112765
Ion Ratio Lower Upper
237 100
235 63.8 42.9 82.9
272 13.0 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 75.335 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:330 Resp: 235886
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 35.7 28.8 43.2

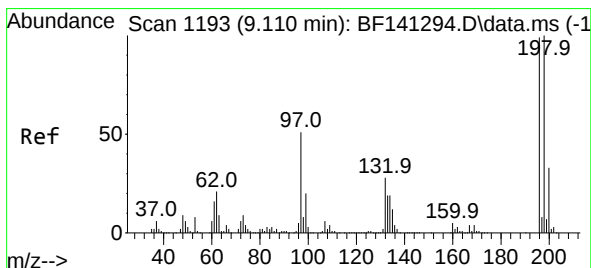
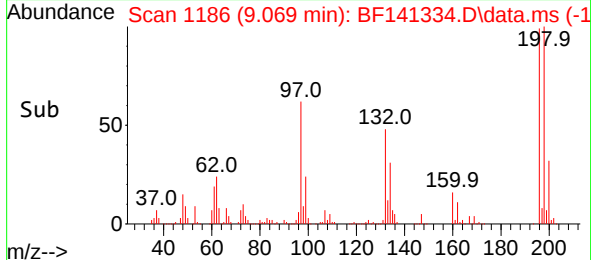
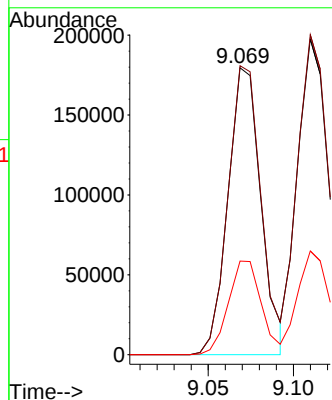
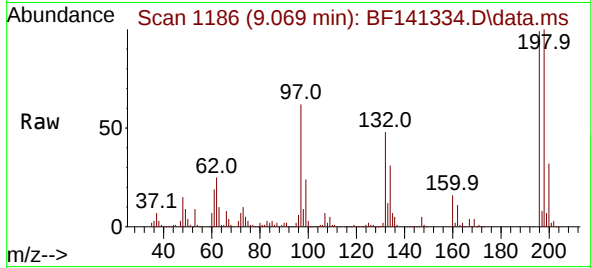




#43
2,4,6-Trichlorophenol
Concen: 38.014 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

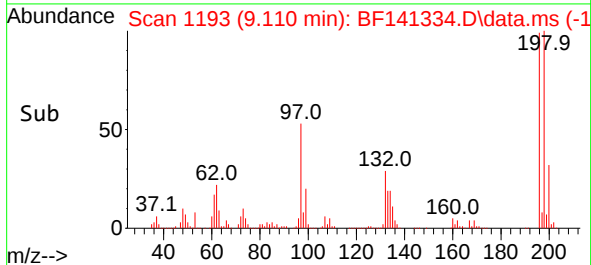
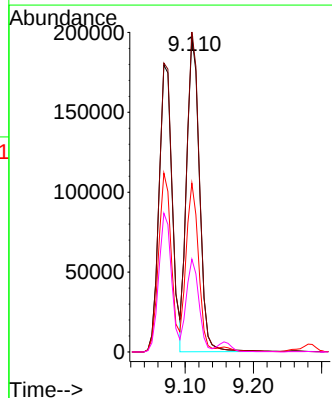
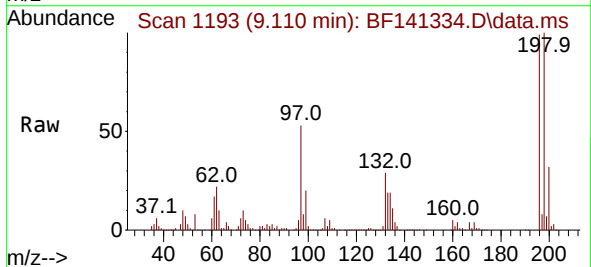
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

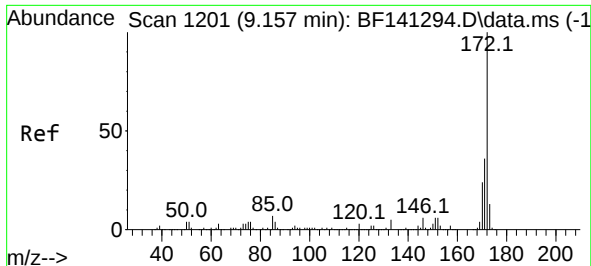
Tgt Ion:196 Resp: 241760
Ion Ratio Lower Upper
196 100
198 100.7 81.8 122.6
200 32.6 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 37.124 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:196 Resp: 256970
Ion Ratio Lower Upper
196 100
198 101.4 80.5 120.7
97 53.5 42.8 64.2
132 29.4 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 70.424 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

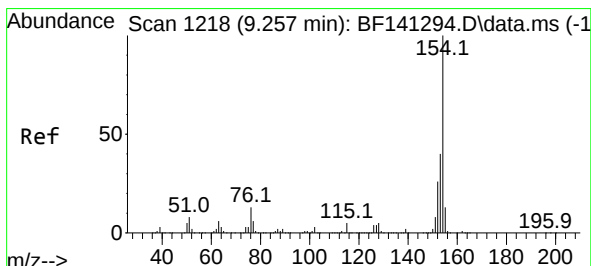
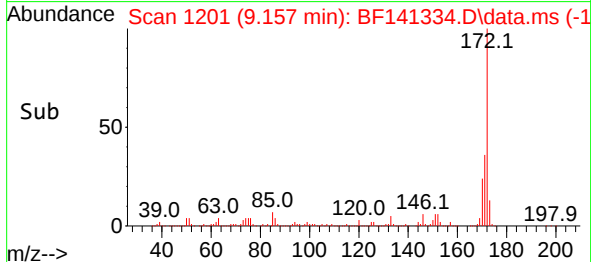
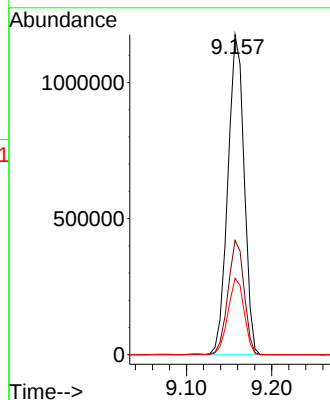
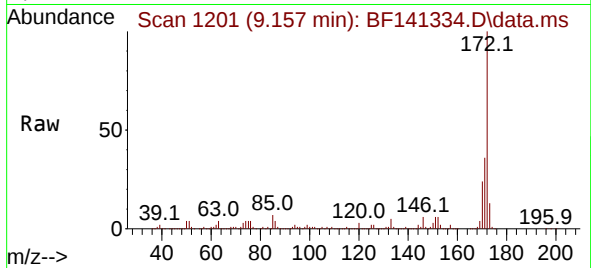
Tgt Ion:172 Resp: 1562690

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 36.082 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

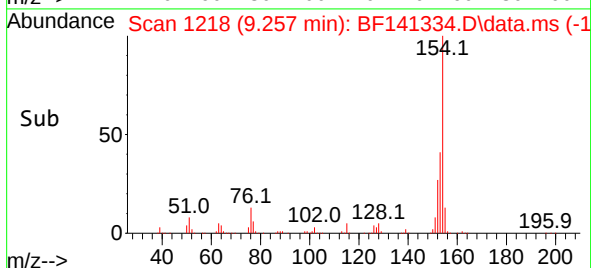
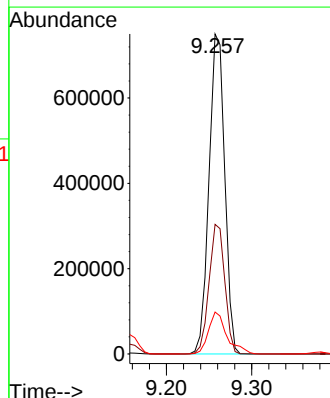
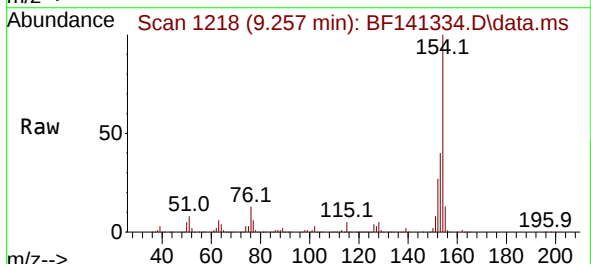
Tgt Ion:154 Resp: 961081

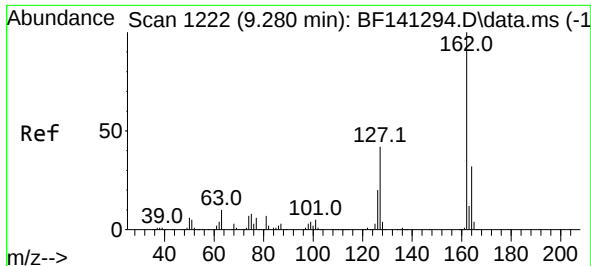
Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

76 13.1 0.0 32.8

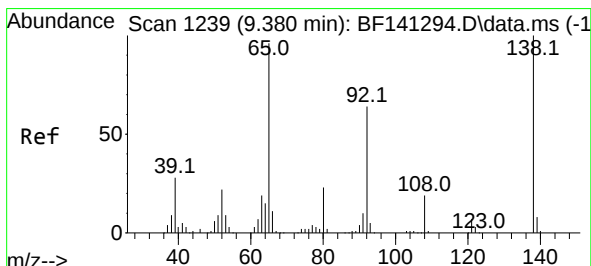
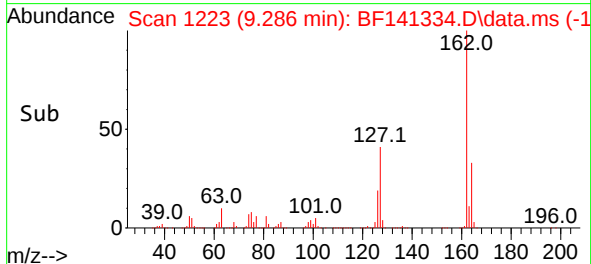
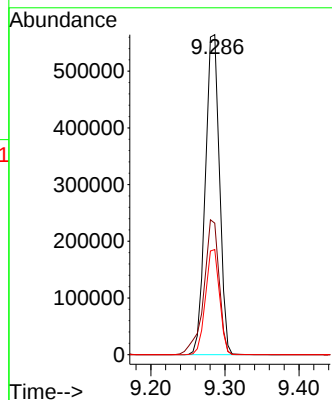
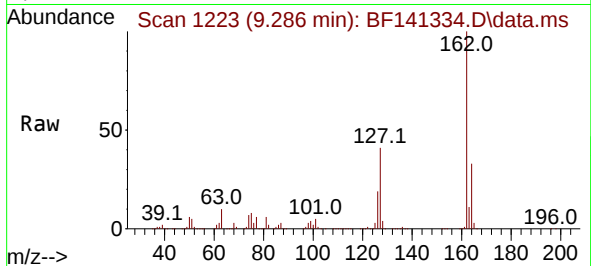




#47
2-Chloronaphthalene
Concen: 36.046 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

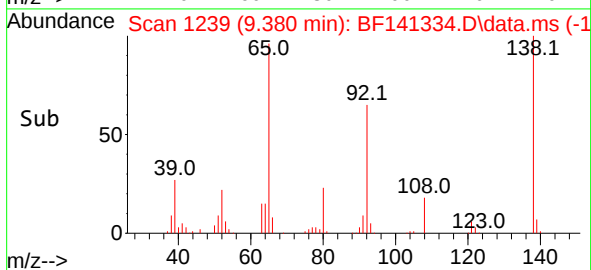
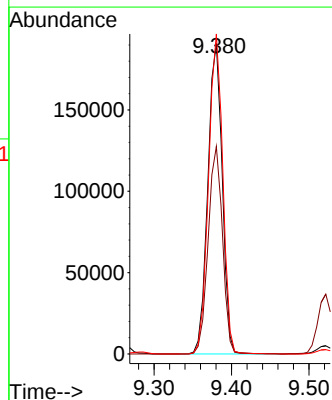
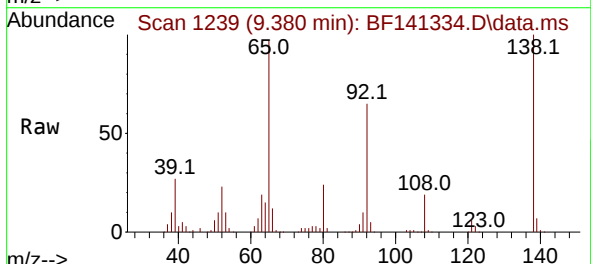
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

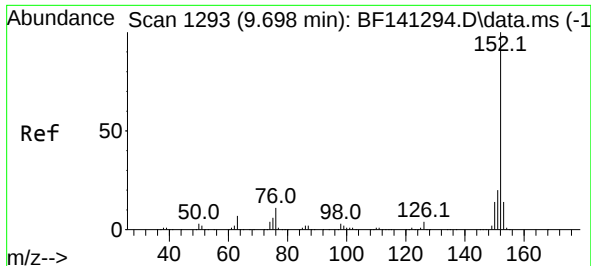
Tgt Ion:162 Resp: 748367
Ion Ratio Lower Upper
162 100
127 41.1 33.7 50.5
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 37.746 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 65 Resp: 246493
Ion Ratio Lower Upper
65 100
92 66.8 53.3 79.9
138 103.1 83.6 125.4





#49

Acenaphthylene

Concen: 36.509 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

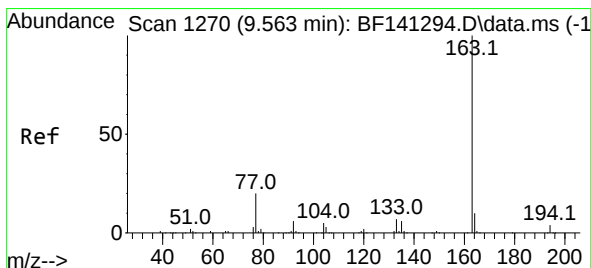
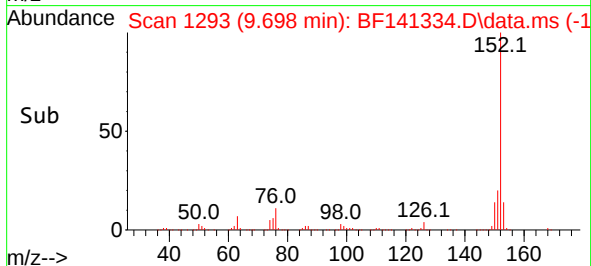
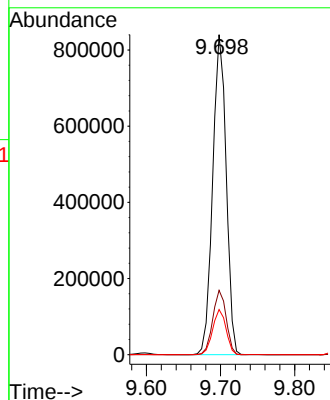
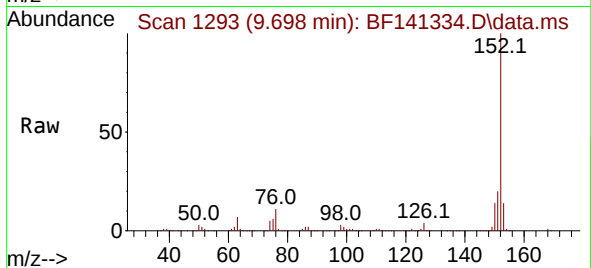
Tgt Ion:152 Resp: 1061017

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 14.1 11.0 16.6



#50

Dimethylphthalate

Concen: 36.994 ng

RT: 9.563 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

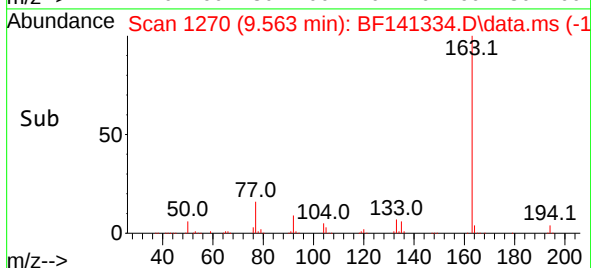
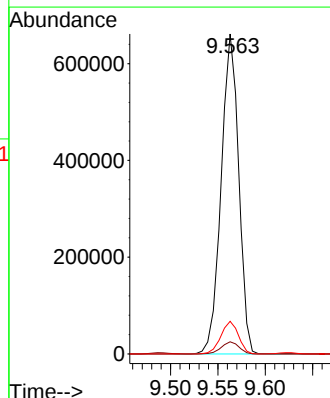
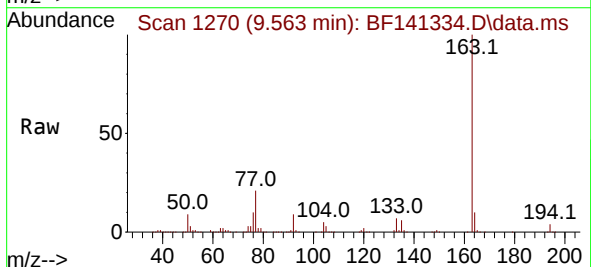
Tgt Ion:163 Resp: 853360

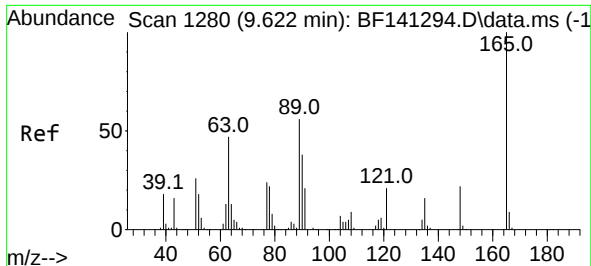
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.0 12.0

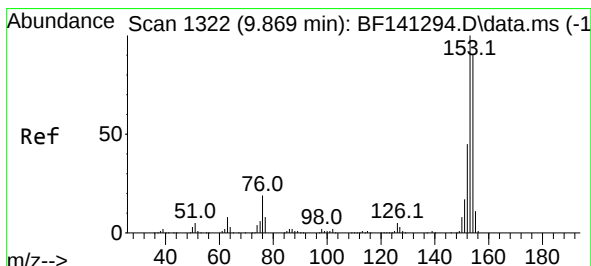
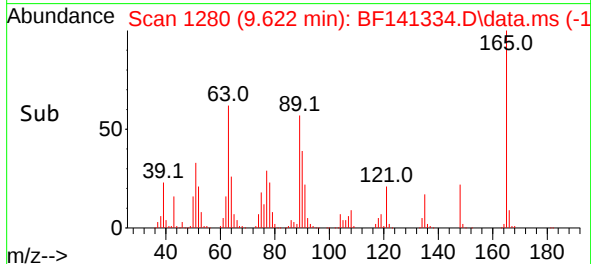
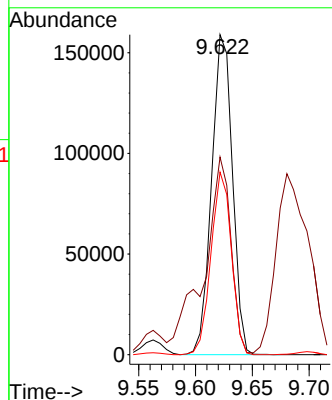
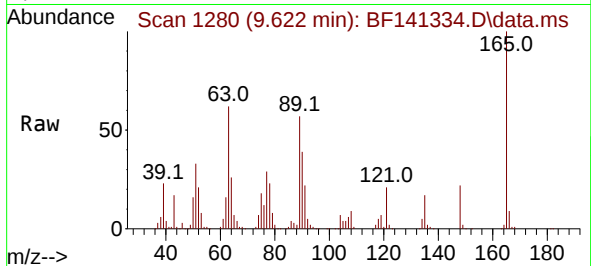




#51
2,6-Dinitrotoluene
Concen: 37.813 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

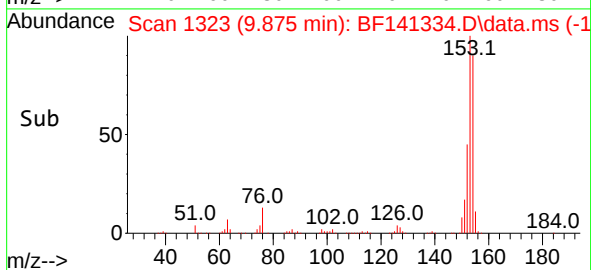
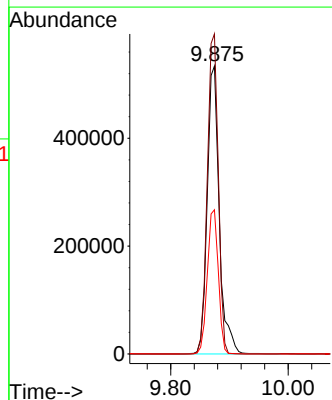
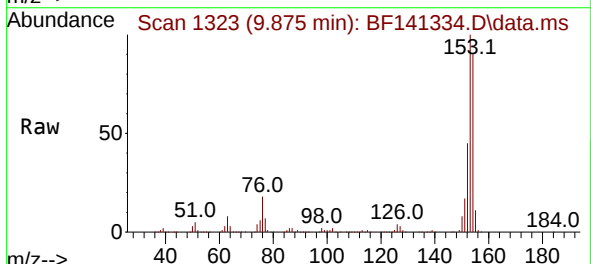
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

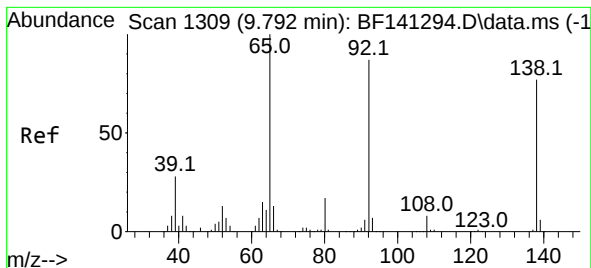
Tgt Ion:165 Resp: 202525
Ion Ratio Lower Upper
165 100
63 61.8 48.1 72.1
89 57.1 44.9 67.3



#52
Acenaphthene
Concen: 36.678 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:154 Resp: 761516
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 50.1 40.2 60.4





#53

3-Nitroaniline

Concen: 37.207 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

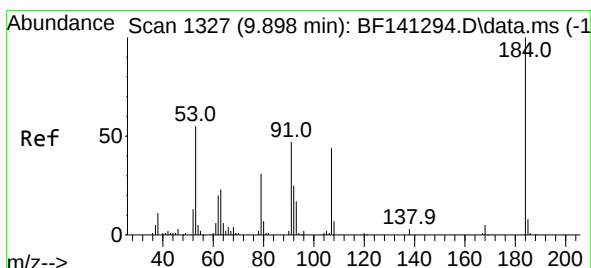
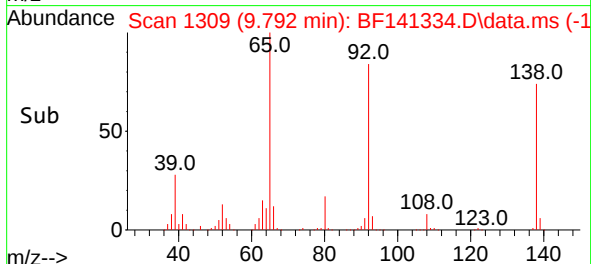
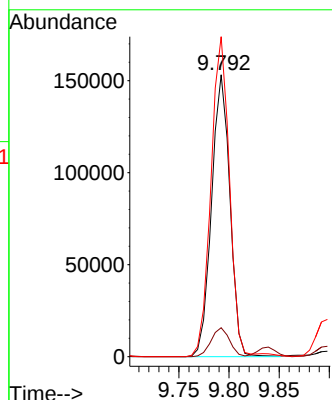
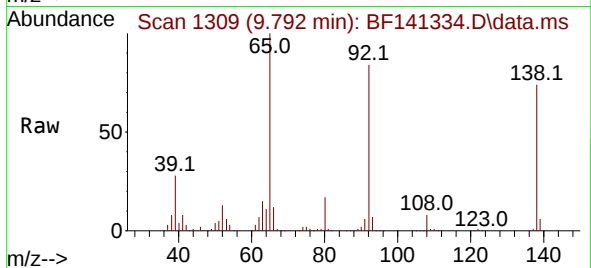
Tgt Ion:138 Resp: 195318

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 113.5 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 41.956 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

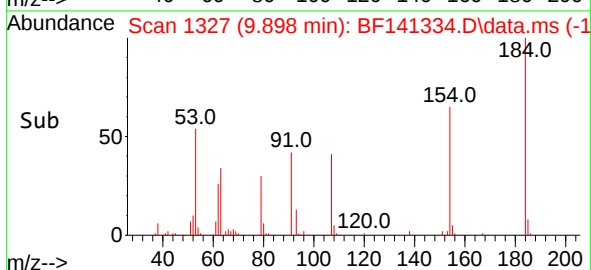
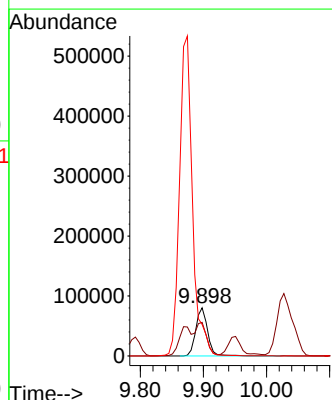
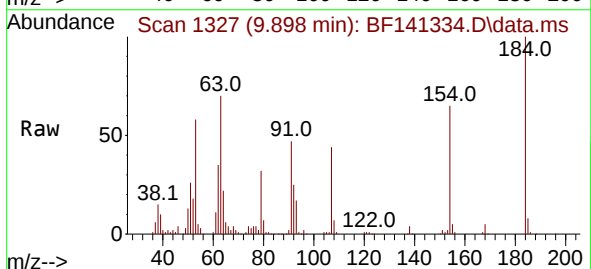
Tgt Ion:184 Resp: 104461

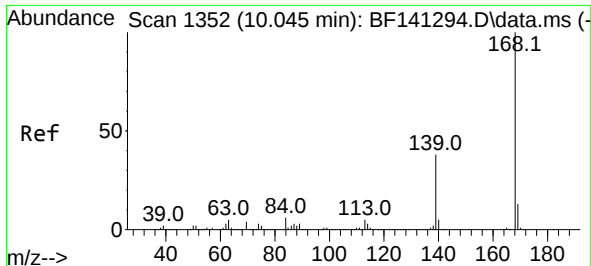
Ion Ratio Lower Upper

184 100

63 69.8 54.1 81.1

154 65.4 50.7 76.1

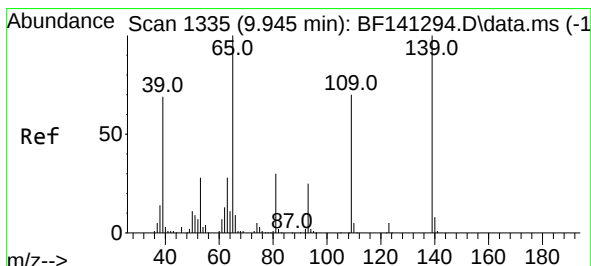
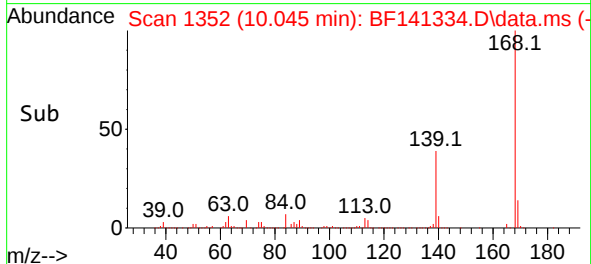
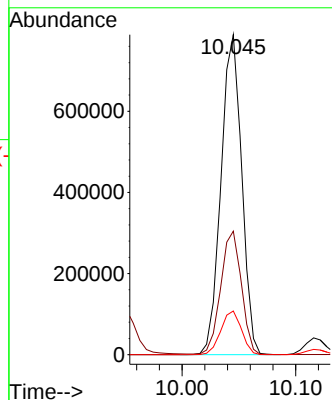
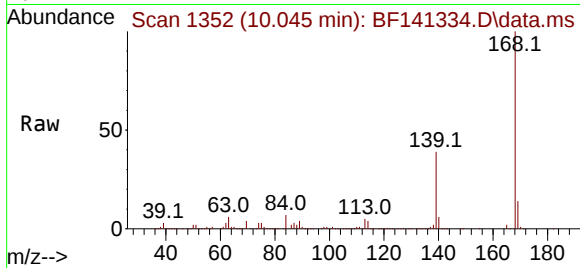




#55
Dibenzenofuran
Concen: 35.957 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

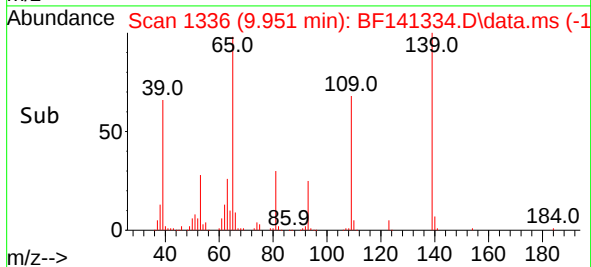
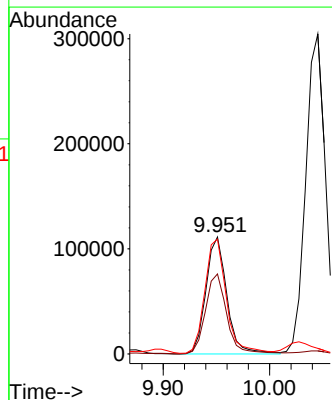
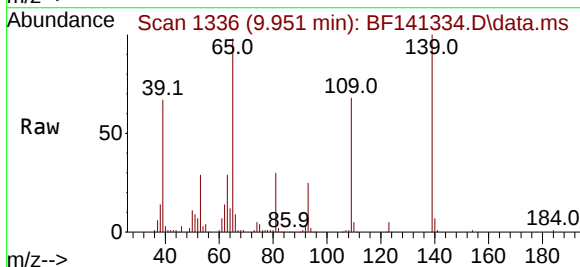
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

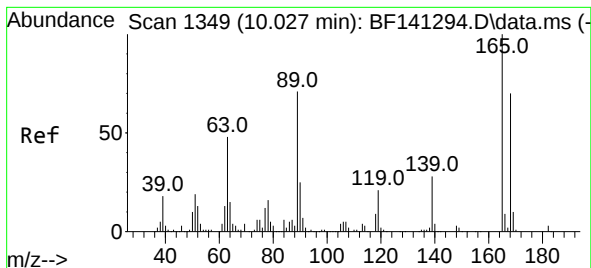
Tgt Ion:168 Resp: 999283
Ion Ratio Lower Upper
168 100
139 38.6 30.6 46.0
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 39.808 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 152830
Ion Ratio Lower Upper
139 100
109 68.4 50.2 90.2
65 98.2 80.6 120.6

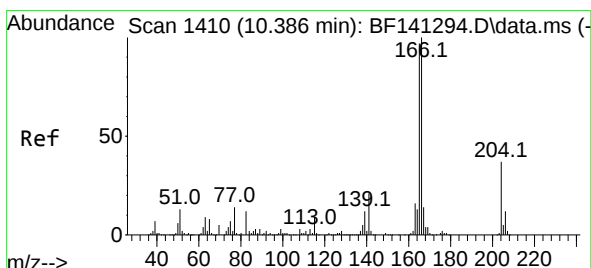
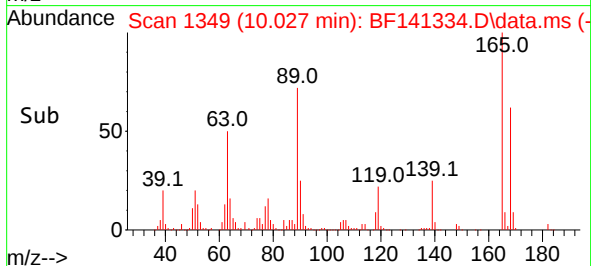
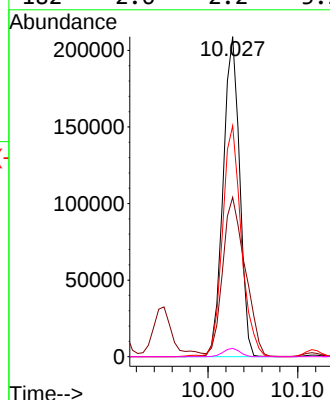
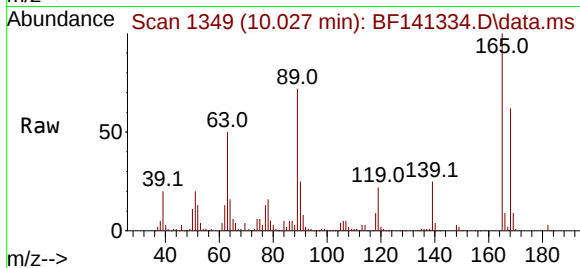




#57
2,4-Dinitrotoluene
Concen: 38.519 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

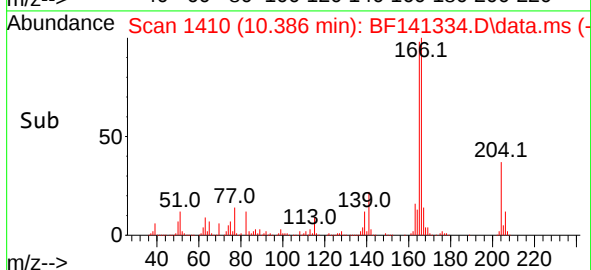
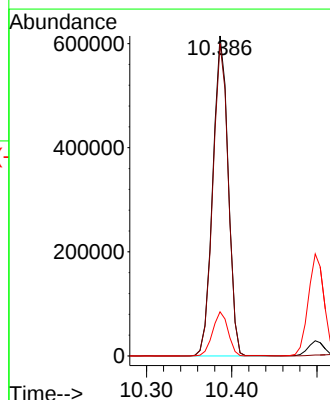
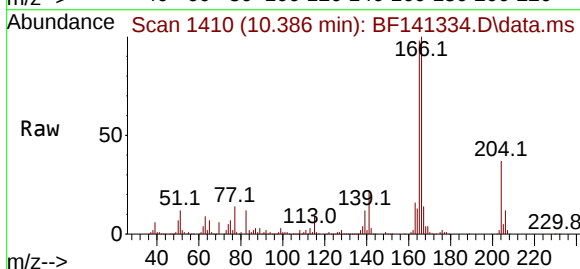
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

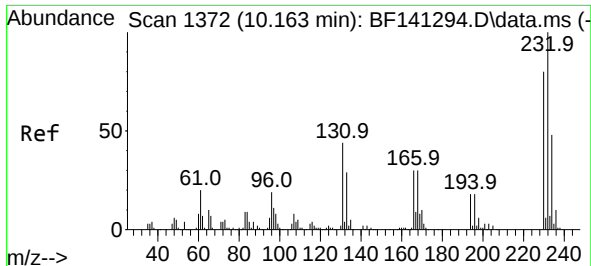
Tgt Ion	165	Resp: Lower	267112 Upper
	165	100	
	63	49.8	39.2 58.8
	89	72.2	56.9 85.3
	182	2.6	2.2 3.2



#58
Fluorene
Concen: 35.892 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:166	Resp:	773726	
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	13.8	10.9	16.3

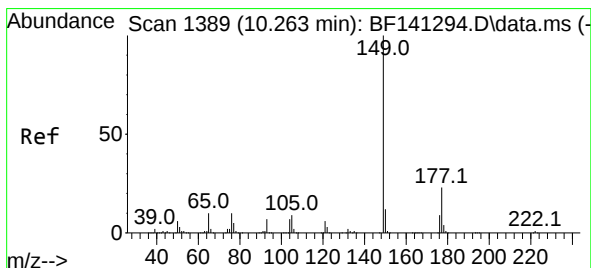
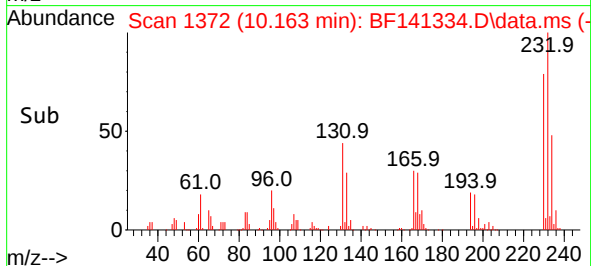
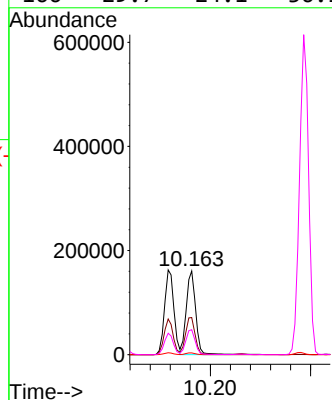
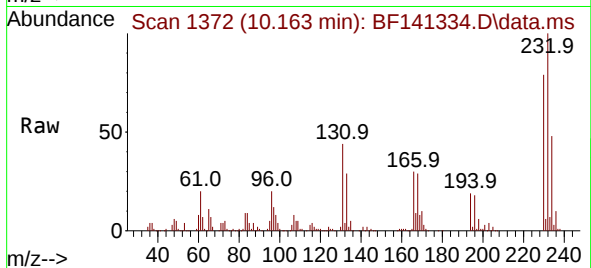




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.450 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

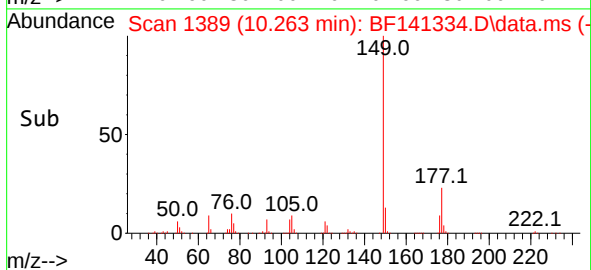
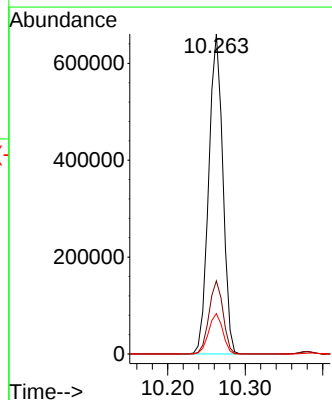
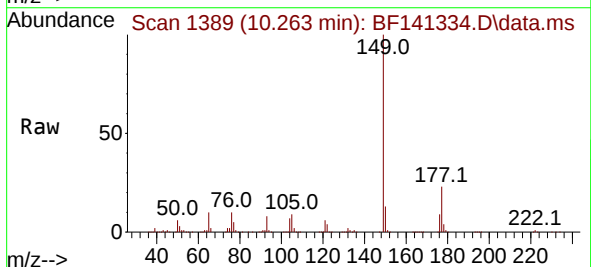
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

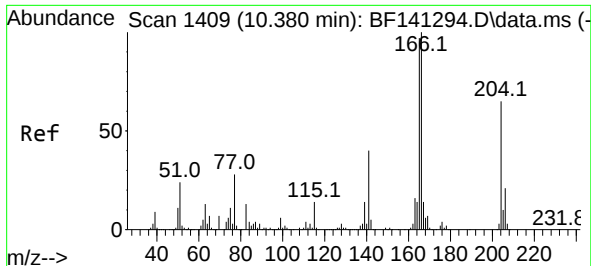
Tgt Ion:232 Resp: 209383
Ion Ratio Lower Upper
232 100
131 45.2 36.4 54.6
130 2.2 1.9 2.9
166 29.7 24.1 36.1



#60
Diethylphthalate
Concen: 37.205 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 832152
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.6 10.0 15.0

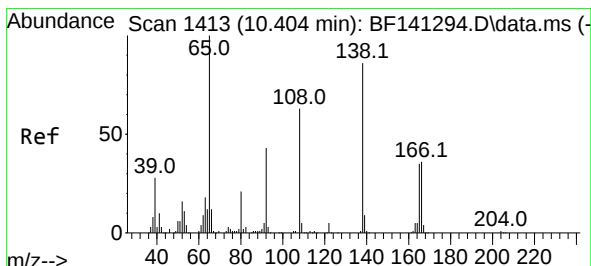
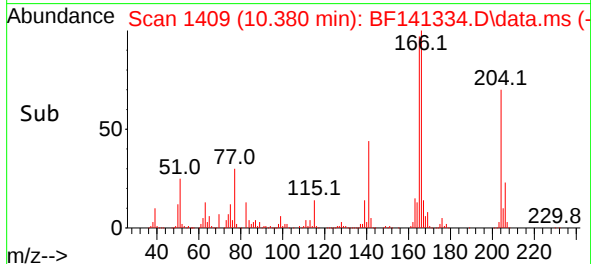
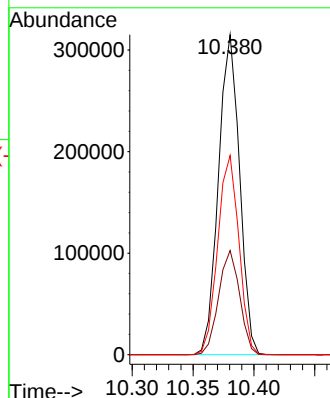
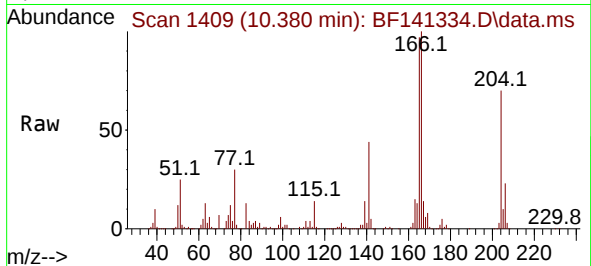




#61
4-Chlorophenyl-phenylether
Concen: 36.147 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

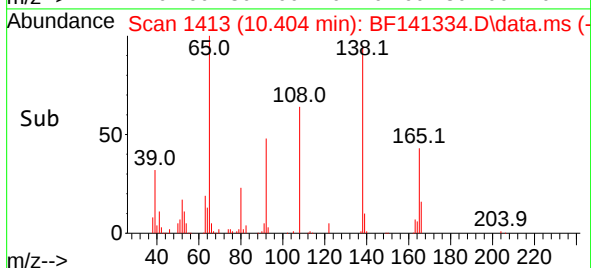
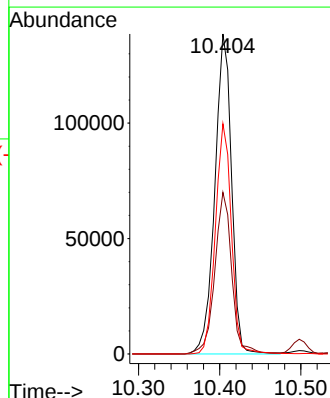
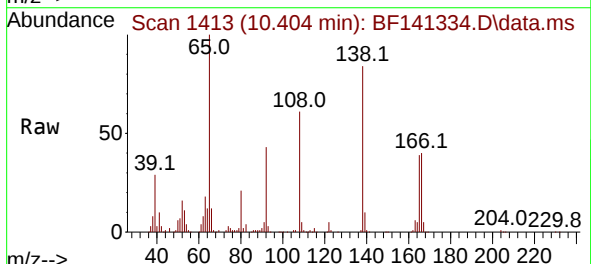
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

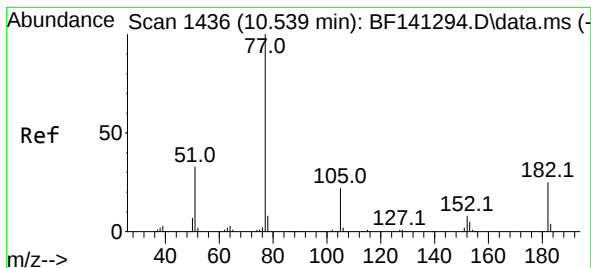
Tgt Ion:204 Resp: 380628
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.2 49.5 74.3



#62
4-Nitroaniline
Concen: 38.469 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:138 Resp: 198535
Ion Ratio Lower Upper
138 100
92 50.5 30.1 70.1
108 71.9 53.1 93.1

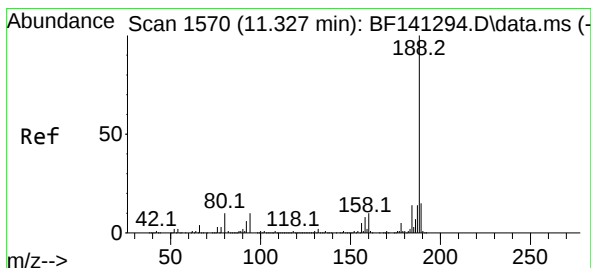
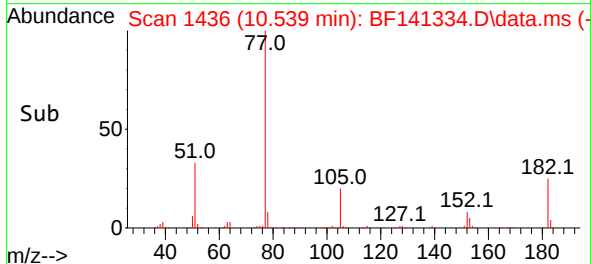
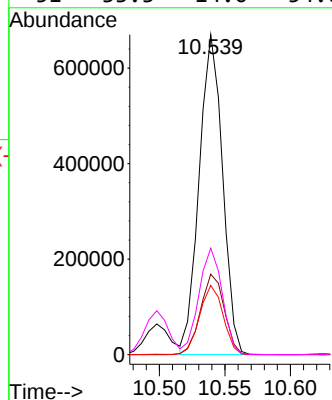
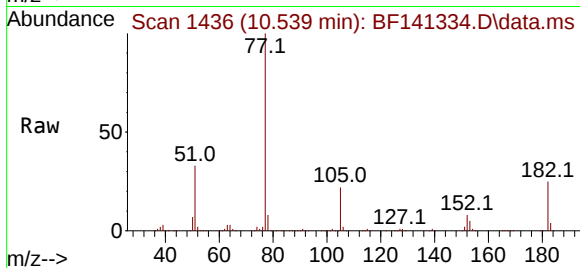




#63
Azobenzene
Concen: 37.160 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

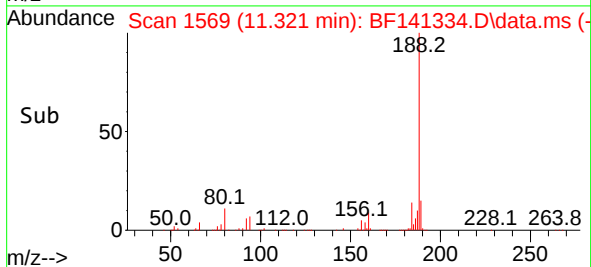
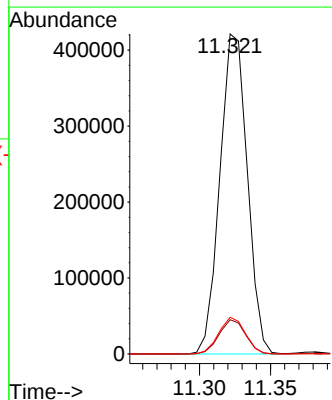
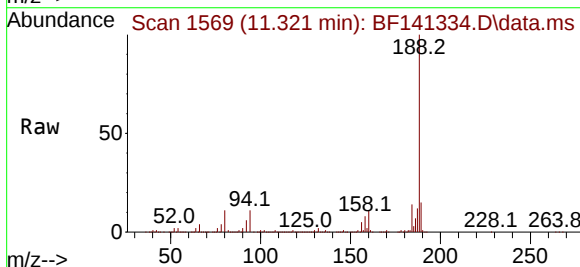
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

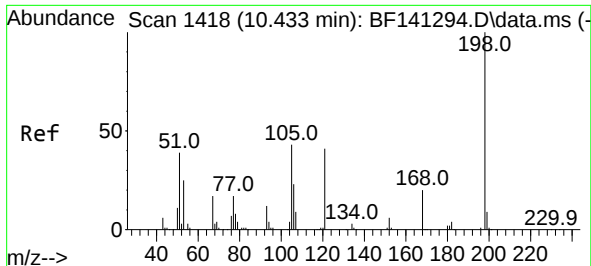
Tgt Ion: 77	Resp: 831958
Ion Ratio	Lower Upper
77 100	
182 25.1	5.1 45.1
105 21.7	1.8 41.8
51 33.3	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:188	Resp: 566479
Ion Ratio	Lower Upper
188 100	
94 10.7	7.8 11.6
80 11.4	8.2 12.4

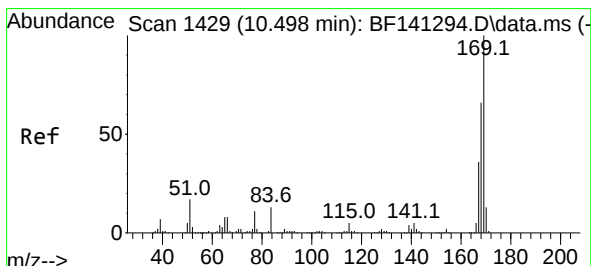
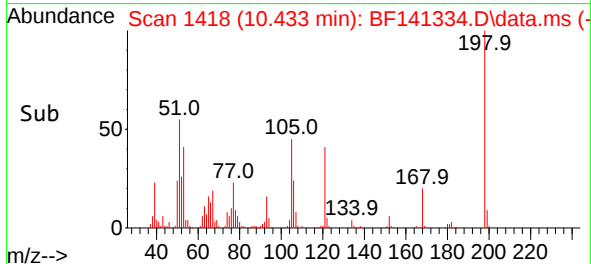
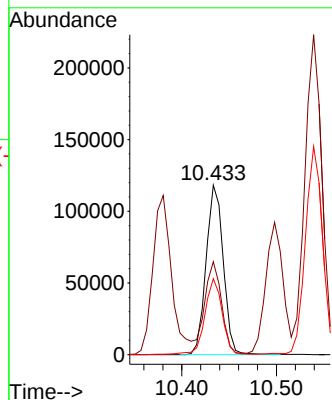
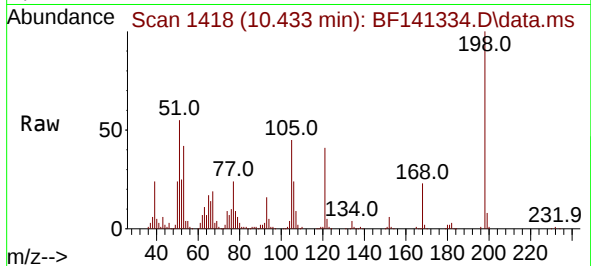




#65
4,6-Dinitro-2-methylphenol
Concen: 44.330 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

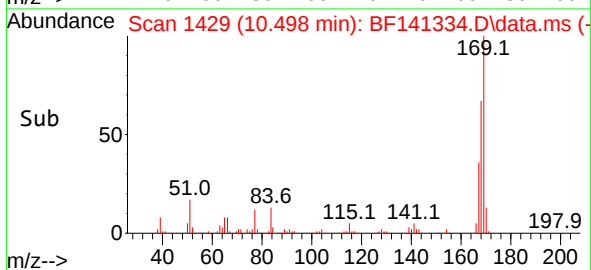
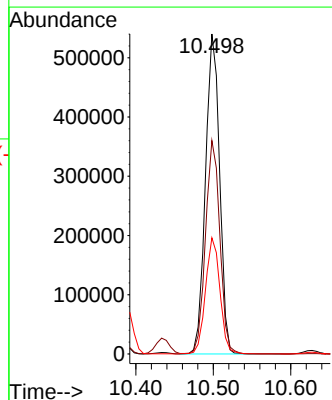
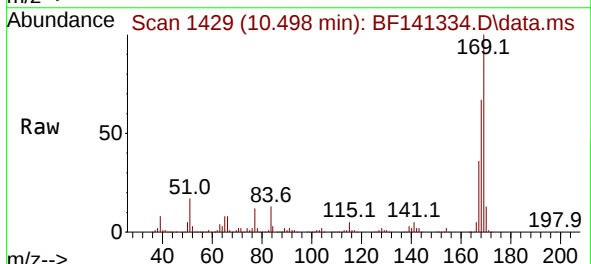
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

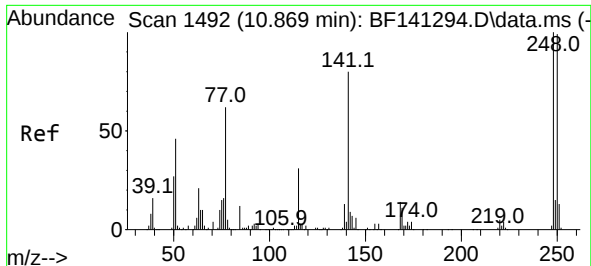
Tgt Ion:198 Resp: 148537
Ion Ratio Lower Upper
198 100
51 54.8 33.4 73.4
105 44.8 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:169 Resp: 682549
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.3 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 38.536 ng

RT: 10.869 min Scan# 1492

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

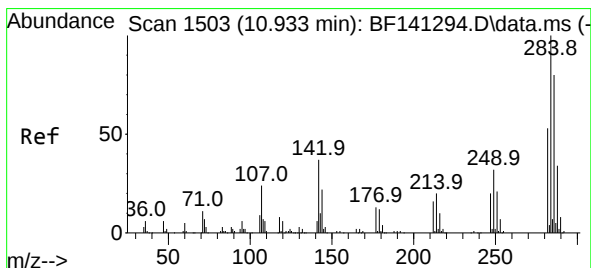
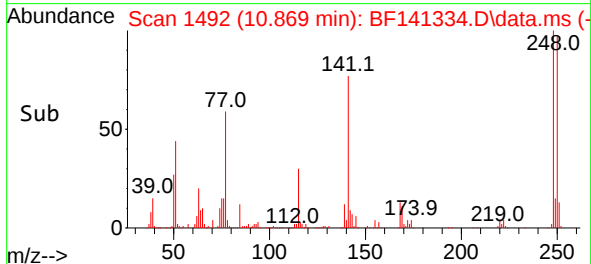
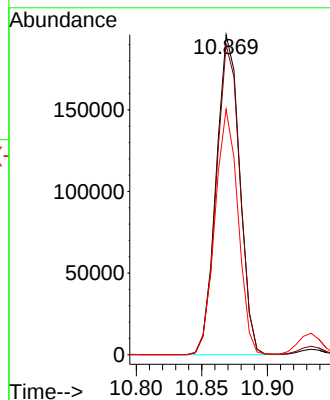
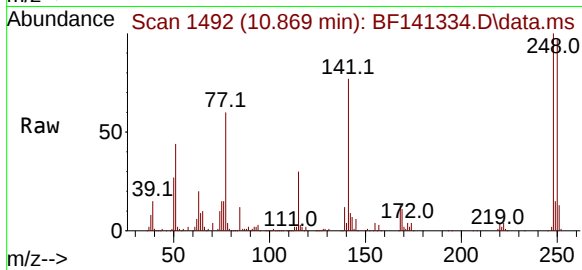
Tgt Ion:248 Resp: 244392

Ion Ratio Lower Upper

248 100

250 96.9 79.0 118.4

141 76.7 63.7 95.5



#68

Hexachlorobenzene

Concen: 37.954 ng

RT: 10.933 min Scan# 1503

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

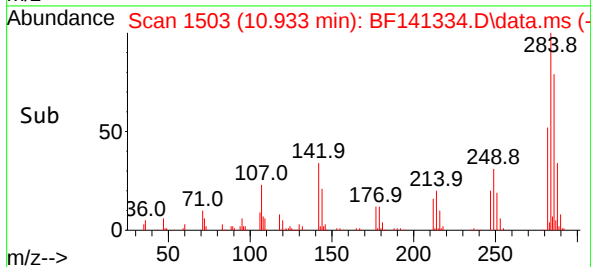
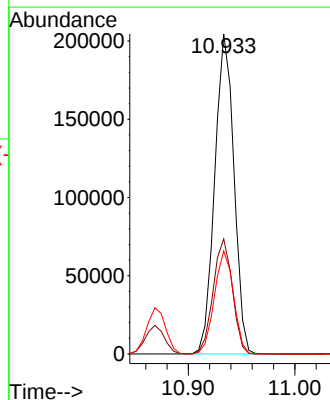
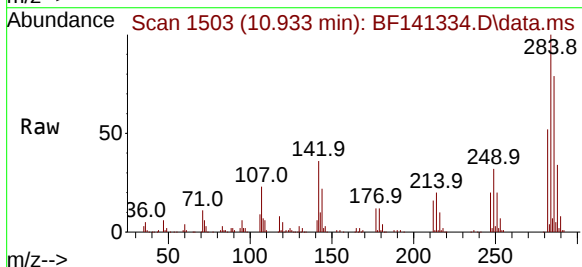
Tgt Ion:284 Resp: 255323

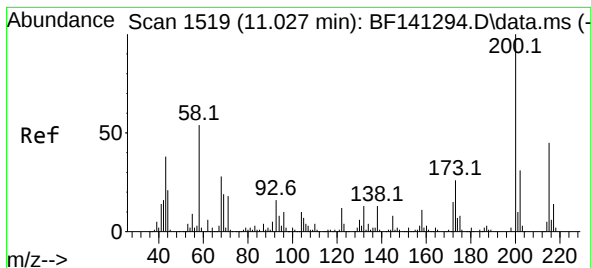
Ion Ratio Lower Upper

284 100

142 35.9 29.5 44.3

249 32.2 25.4 38.2





#69

Atrazine

Concen: 34.836 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

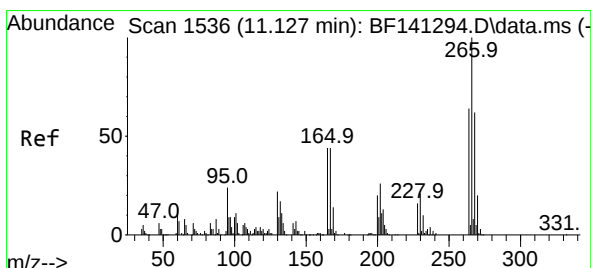
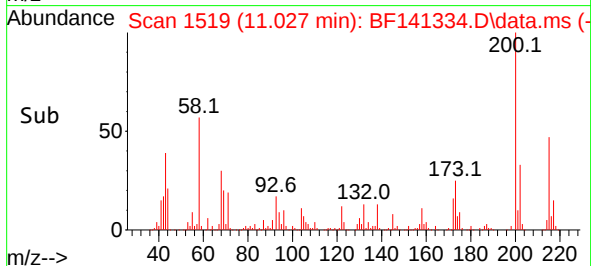
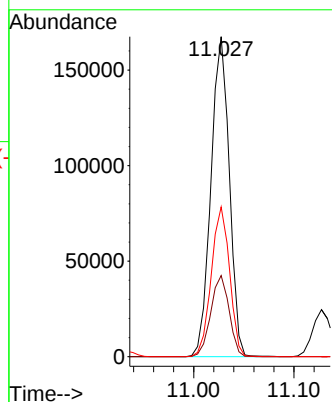
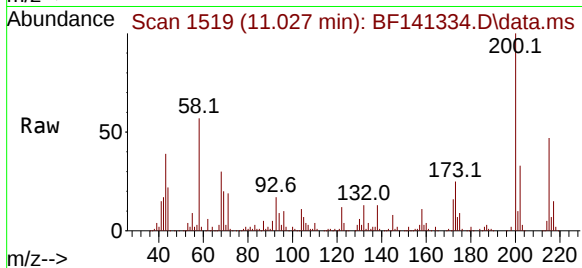
Tgt Ion:200 Resp: 213403

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 46.8 25.2 65.2



#70

Pentachlorophenol

Concen: 42.456 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

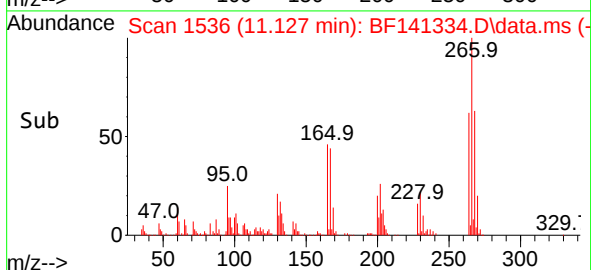
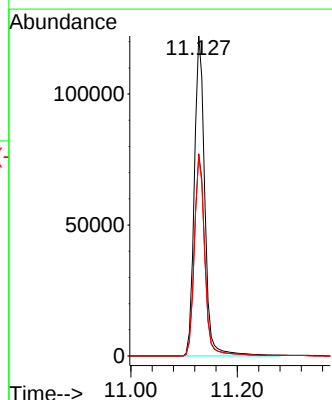
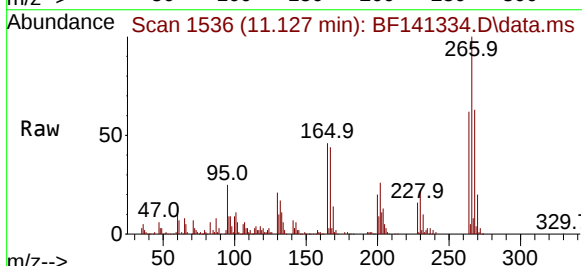
Tgt Ion:266 Resp: 167246

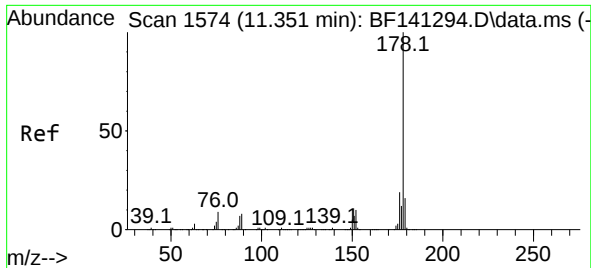
Ion Ratio Lower Upper

266 100

268 63.2 49.9 74.9

264 62.5 51.0 76.4

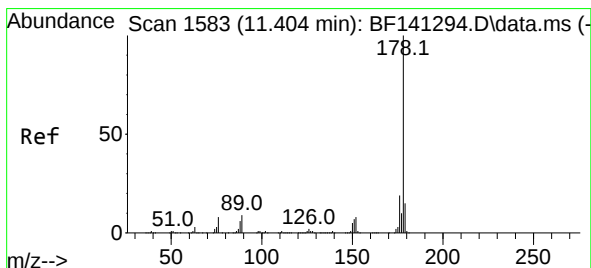
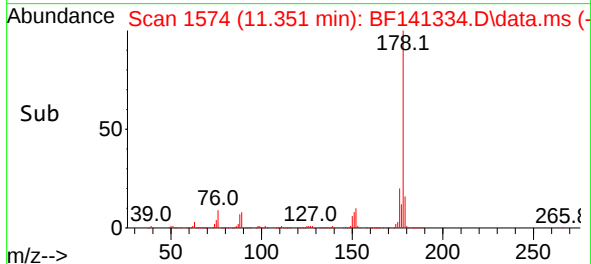
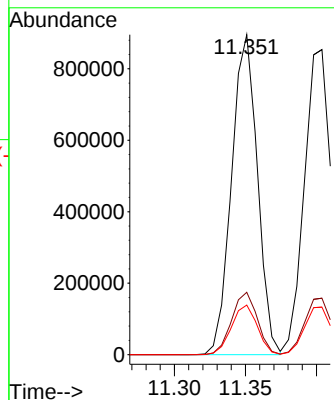
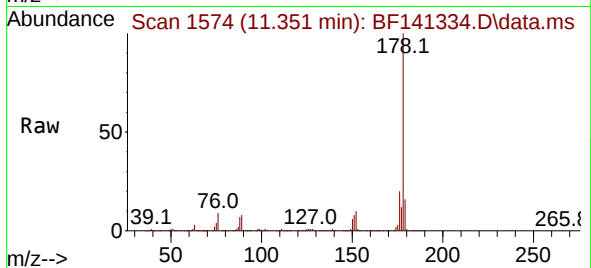




#71
Phenanthrene
Concen: 37.212 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

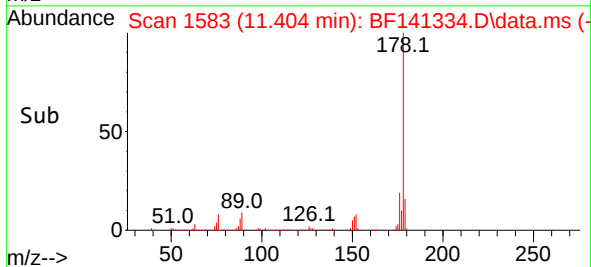
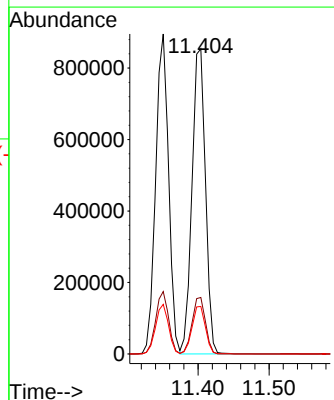
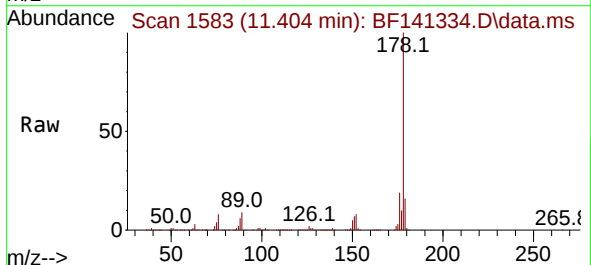
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

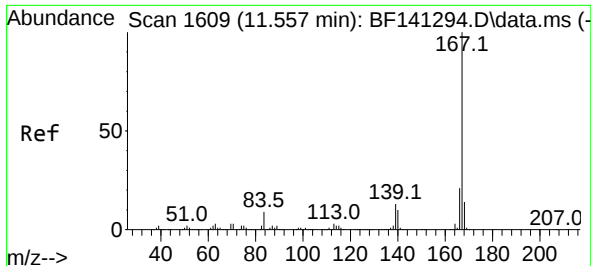
Tgt Ion:178 Resp: 1133127
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 37.760 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:178 Resp: 1126615
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 12.3 18.5

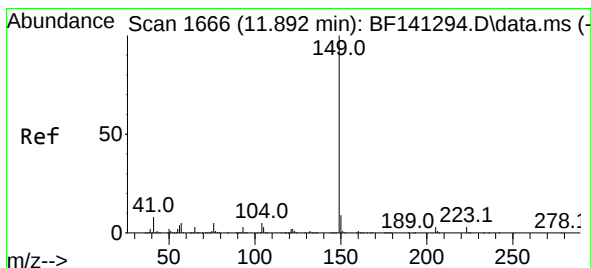
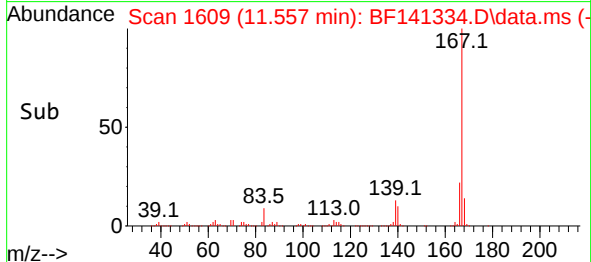
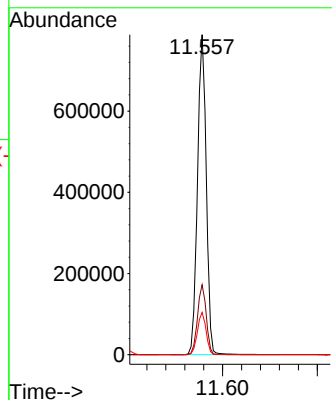
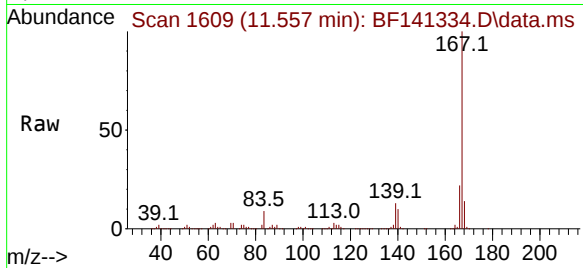




#73
 Carbazole
 Concen: 38.354 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

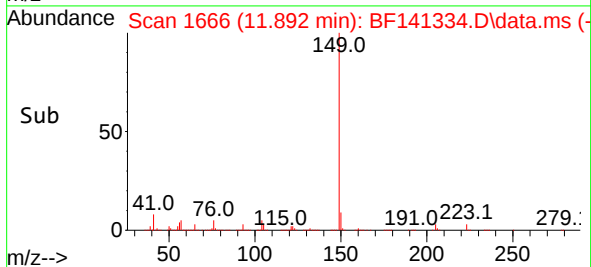
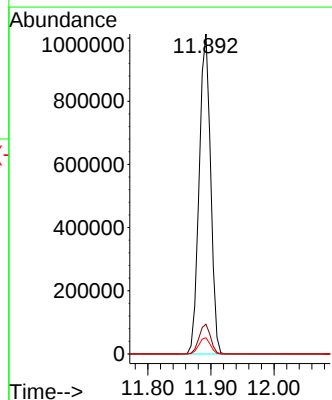
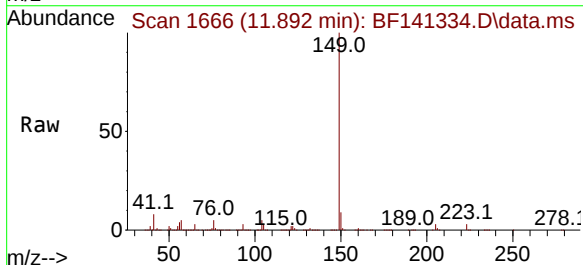
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

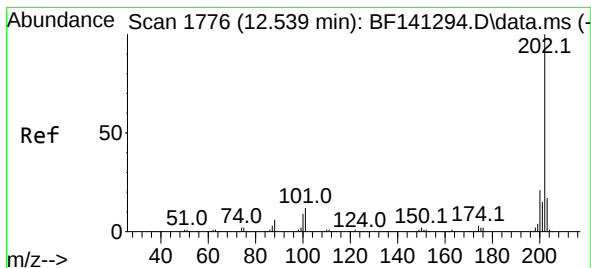
Tgt Ion:167 Resp: 1014712
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.613 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 1270081
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 38.576 ng

RT: 12.539 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

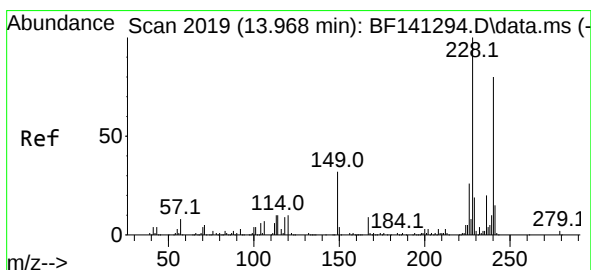
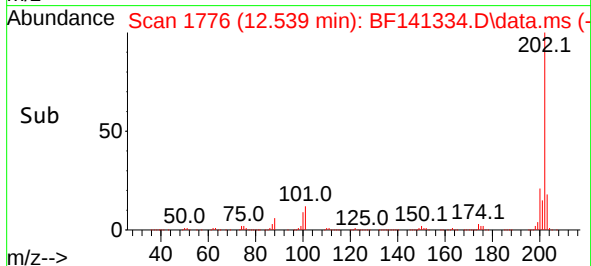
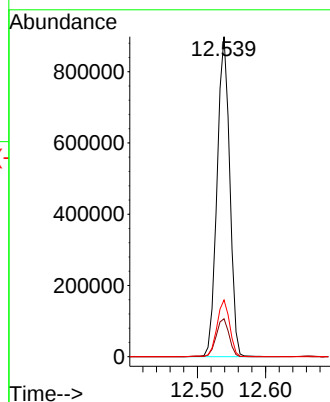
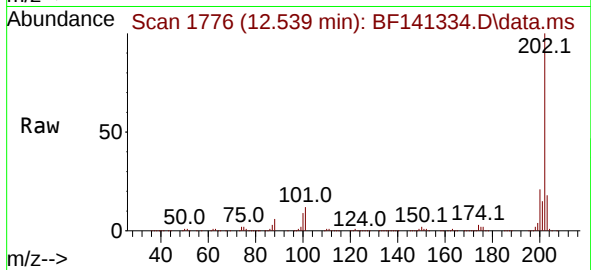
Tgt Ion:202 Resp: 1159837

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.7

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

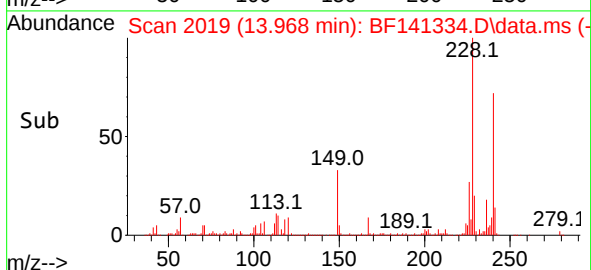
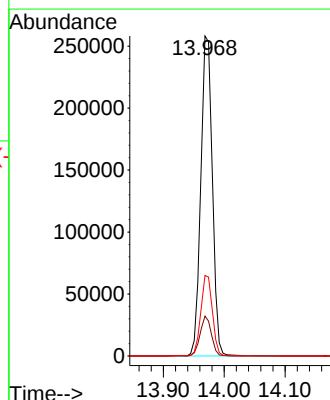
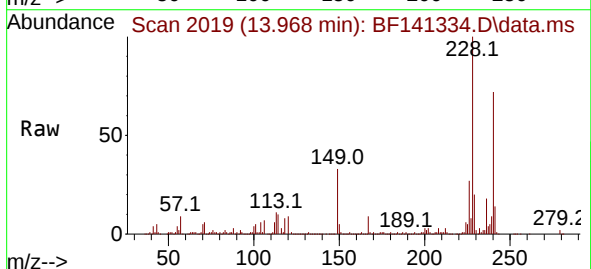
Tgt Ion:240 Resp: 341440

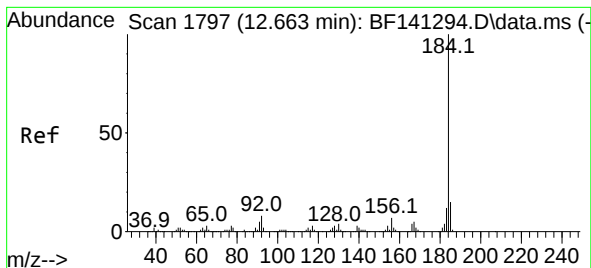
Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

236 25.1 19.7 29.5





#77

Benzidine

Concen: 35.937 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

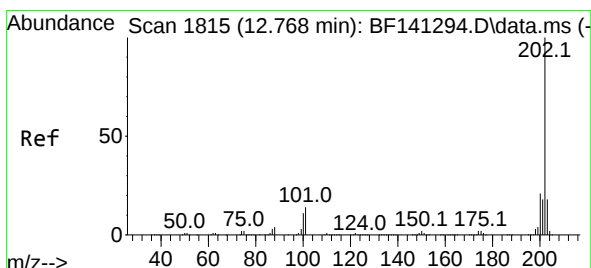
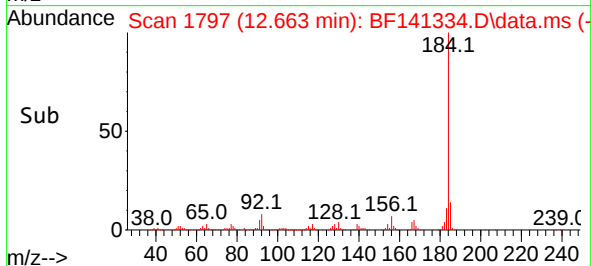
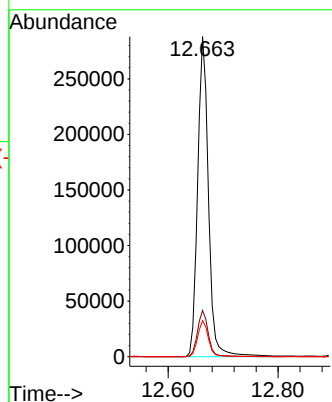
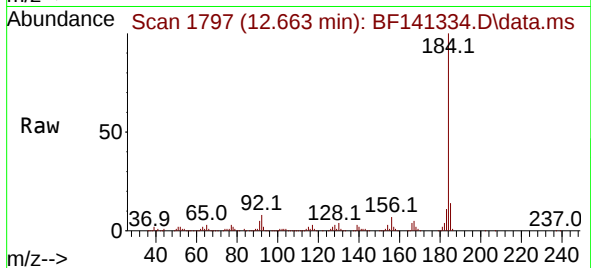
Tgt Ion:184 Resp: 393366

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.3 9.5 14.3



#78

Pyrene

Concen: 35.817 ng

RT: 12.768 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

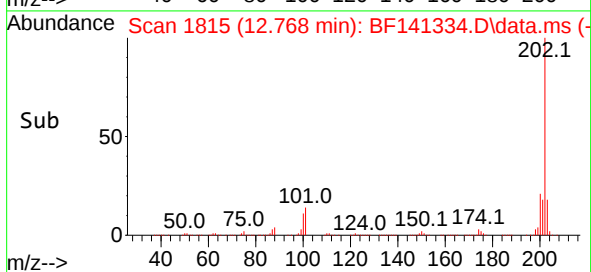
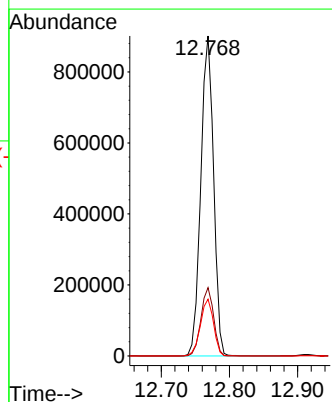
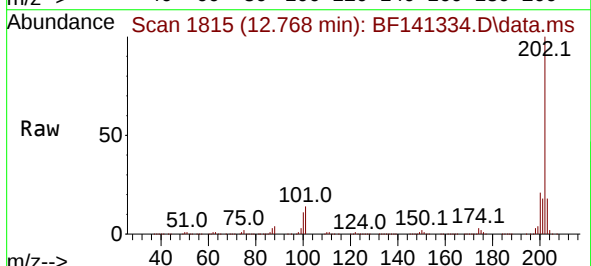
Tgt Ion:202 Resp: 1173910

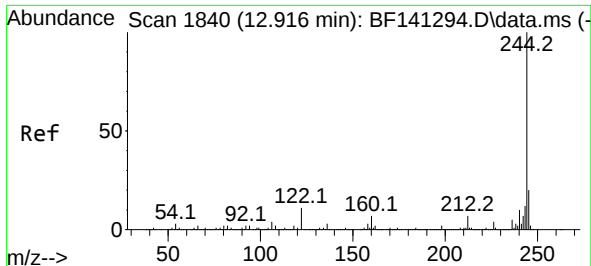
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

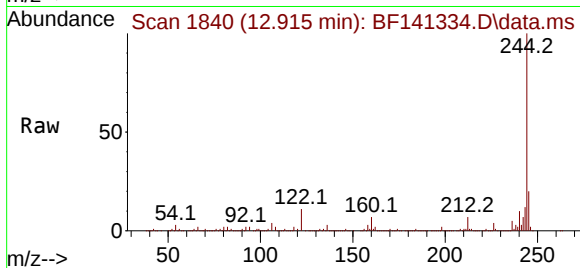
203 17.7 14.3 21.5



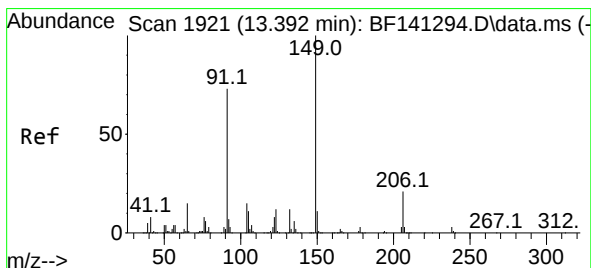
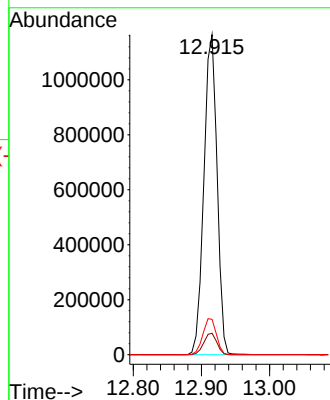
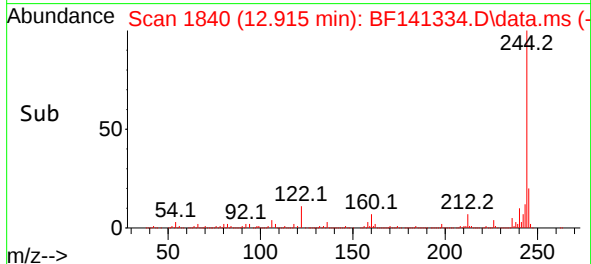


#79
 Terphenyl-d14
 Concen: 70.798 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

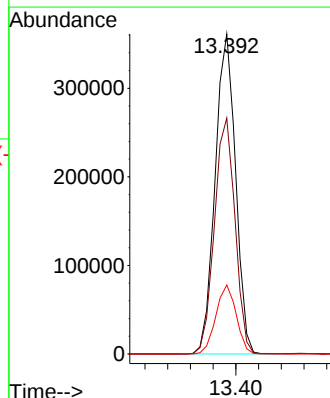
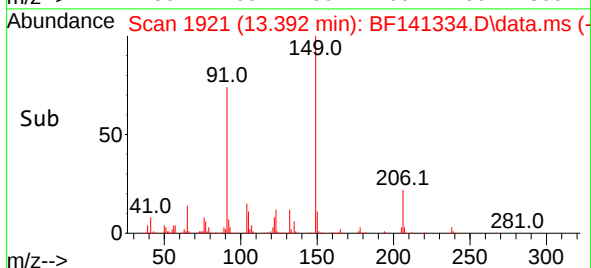
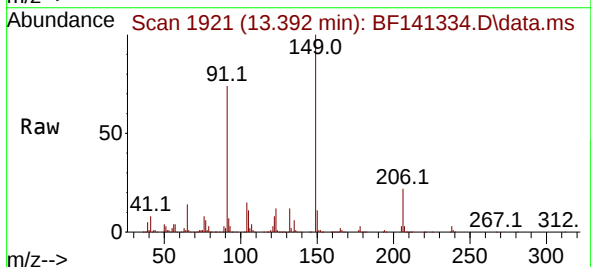


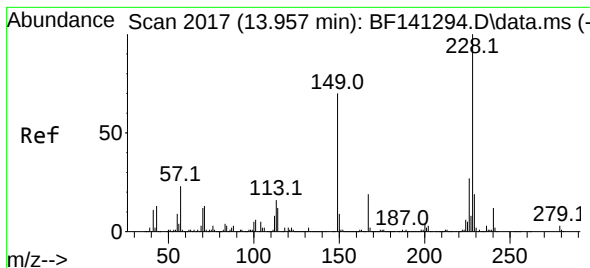
Tgt Ion:244 Resp: 1567460
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 39.406 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 451201
 Ion Ratio Lower Upper
 149 100
 91 73.7 58.6 87.8
 206 21.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 34.980 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

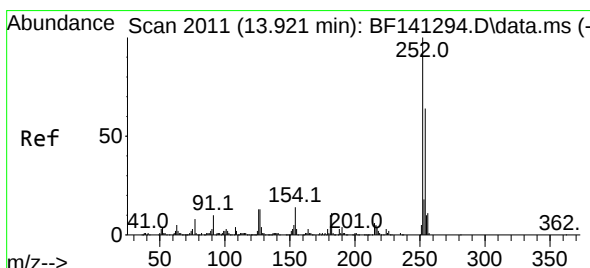
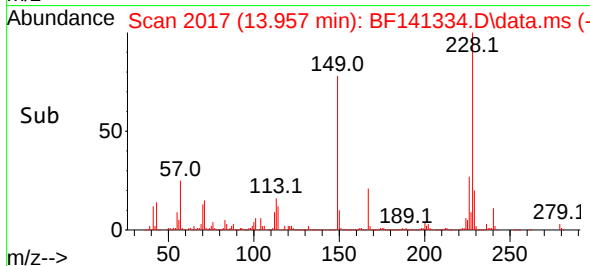
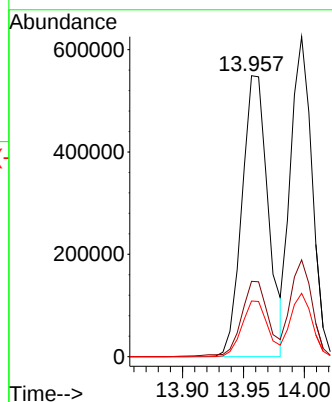
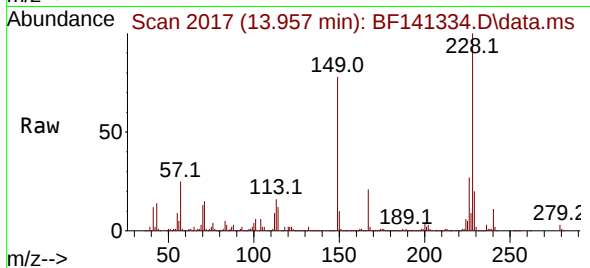
Tgt Ion:228 Resp: 824181

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 36.313 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

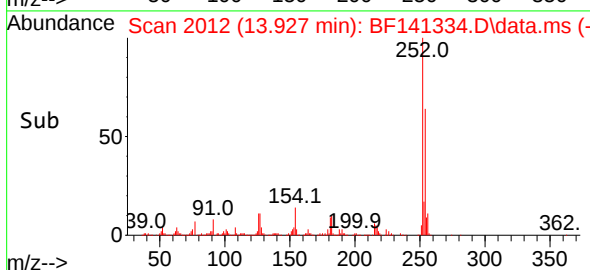
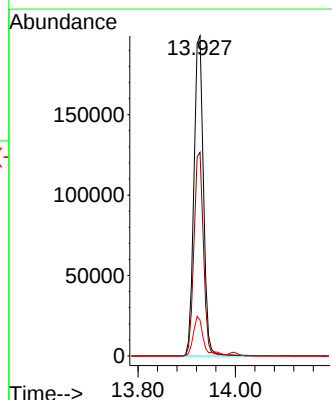
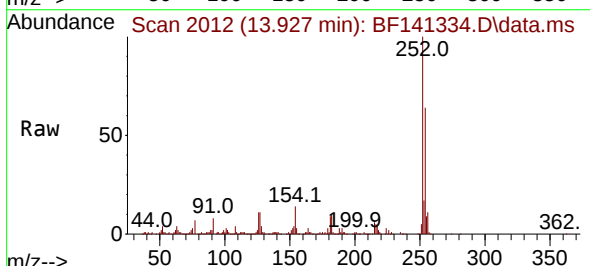
Tgt Ion:252 Resp: 272114

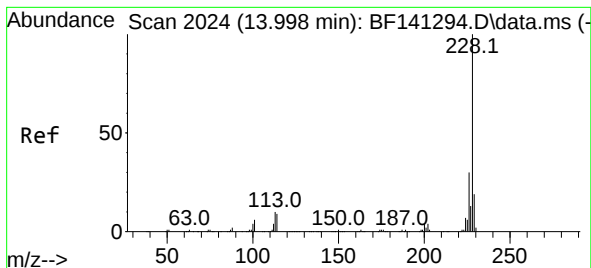
Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 11.2 10.0 15.0





#83

Chrysene

Concen: 35.690 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

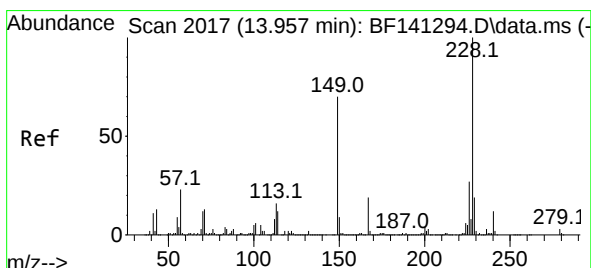
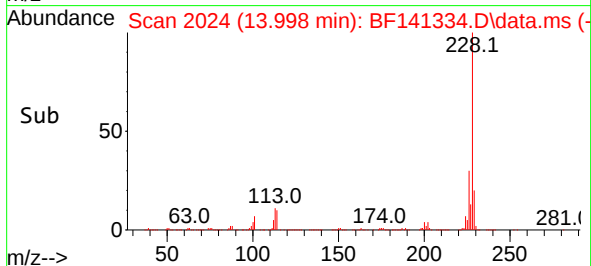
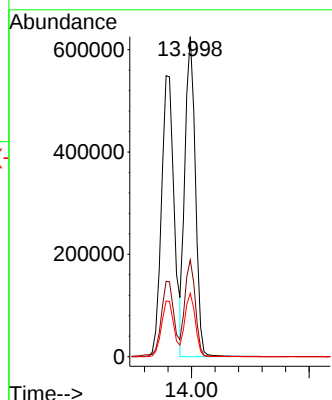
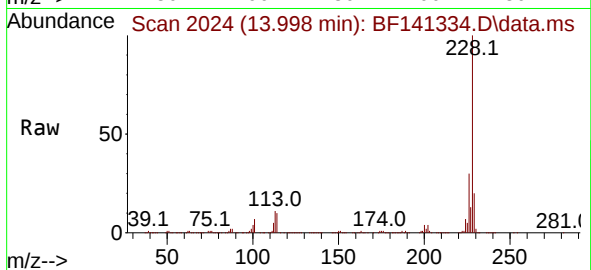
Tgt Ion:228 Resp: 770666

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.633 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

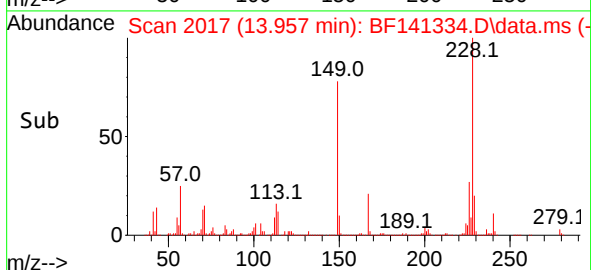
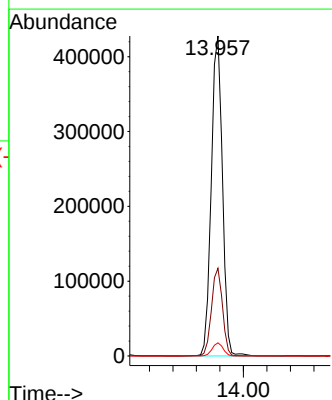
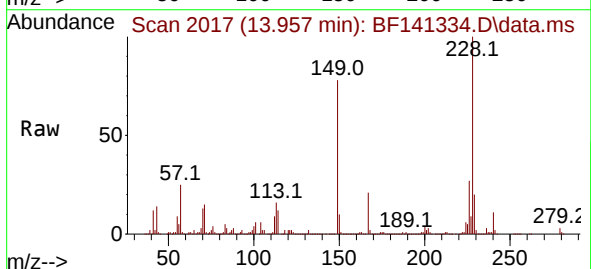
Tgt Ion:149 Resp: 561147

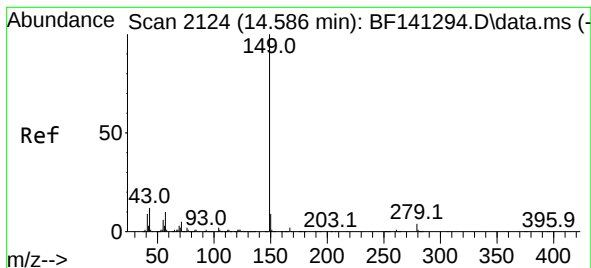
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.1 3.3 4.9

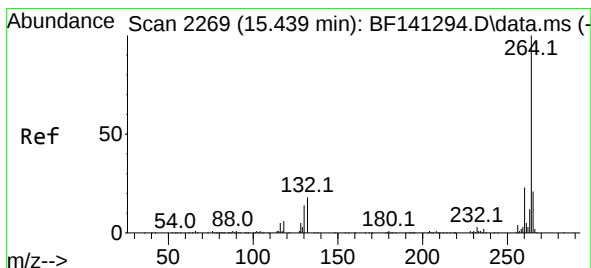
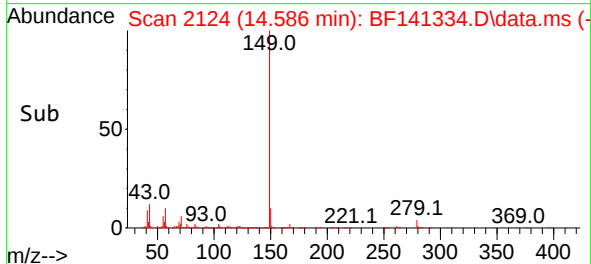
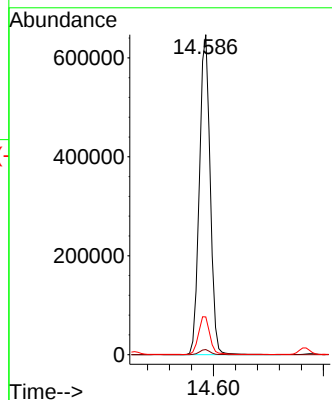
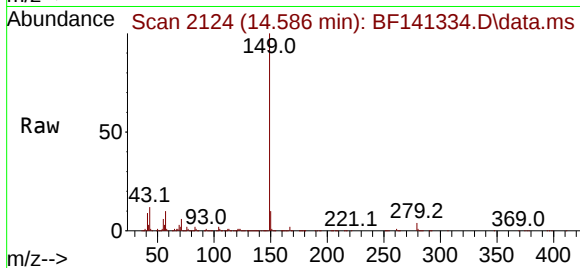




#85
Di-n-octyl phthalate
Concen: 39.037 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

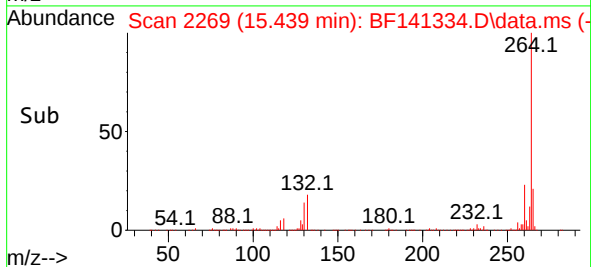
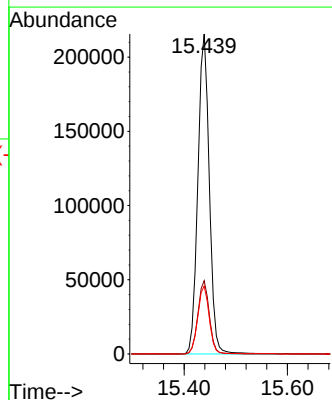
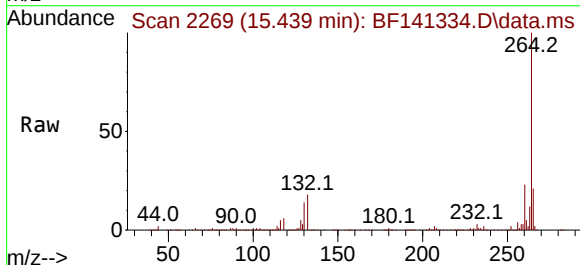
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

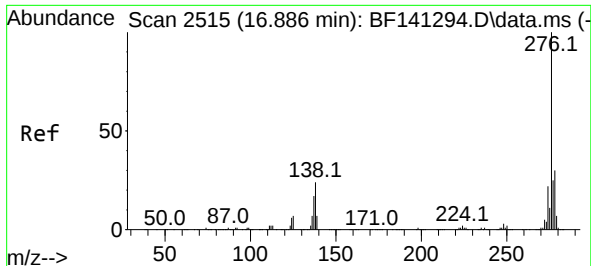
Tgt Ion:149 Resp: 880674
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 9.8 14.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

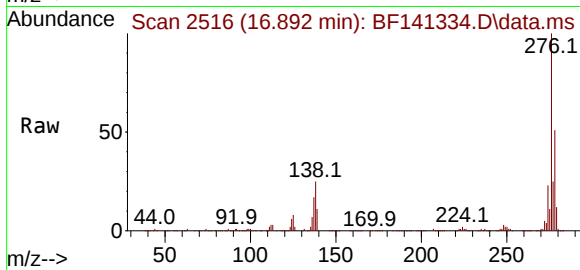
Tgt Ion:264 Resp: 331116
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.3 16.7 25.1



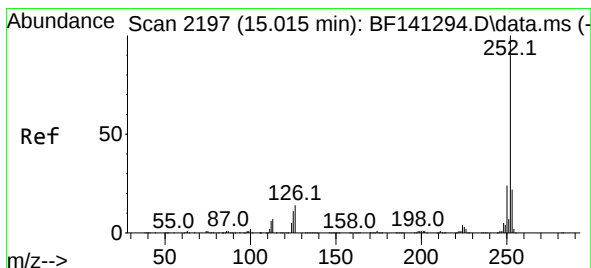
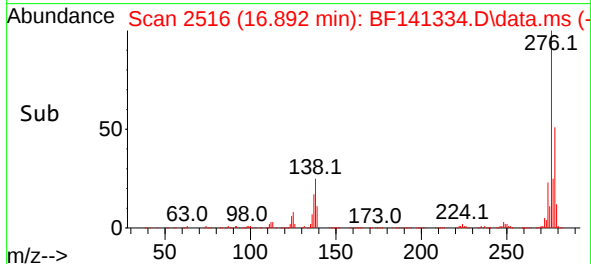
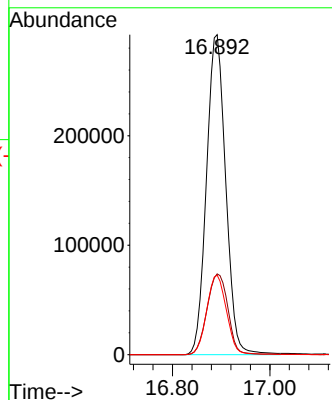


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.527 ng
 RT: 16.892 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

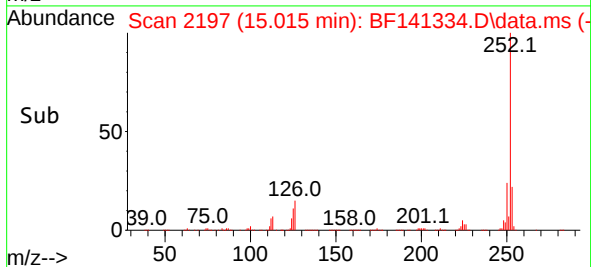
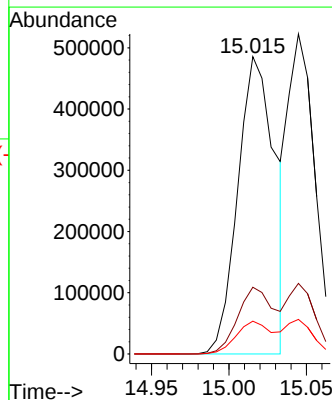
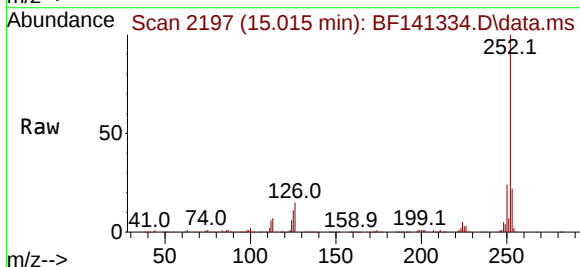


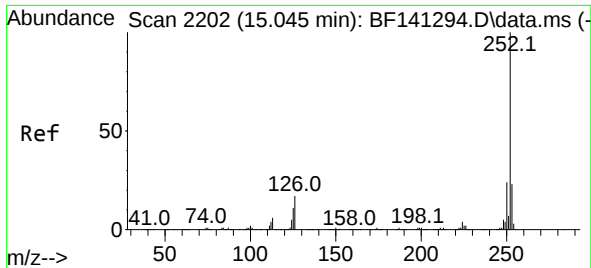
Tgt Ion:276 Resp: 802001
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.7 32.5
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 38.817 ng
 RT: 15.015 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 808478
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 11.0 8.6 12.8

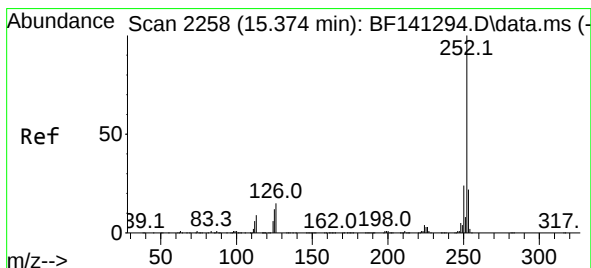
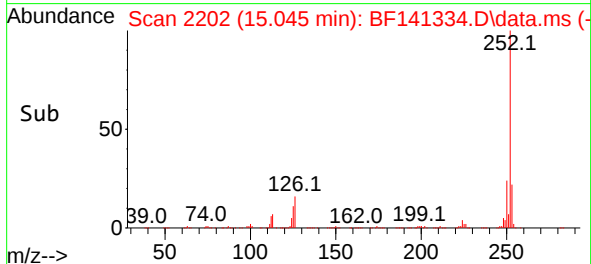
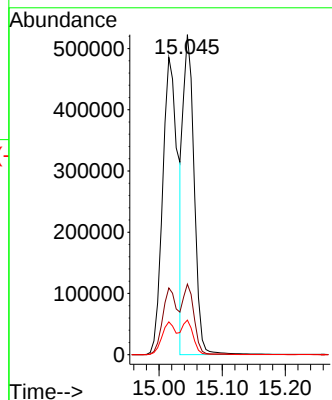
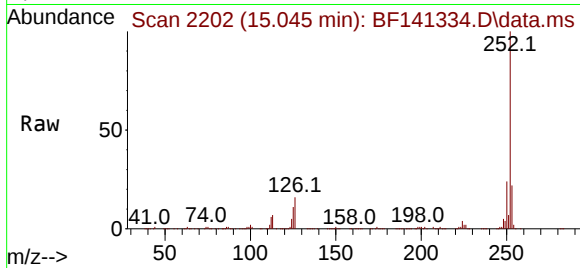




#89
Benzo(k)fluoranthene
Concen: 34.632 ng
RT: 15.045 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

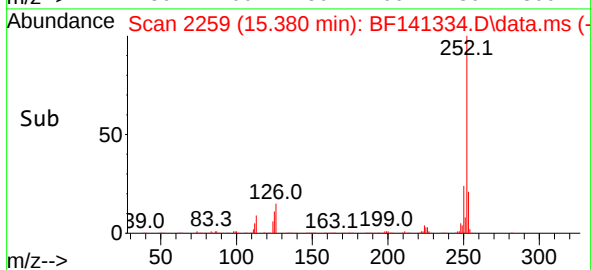
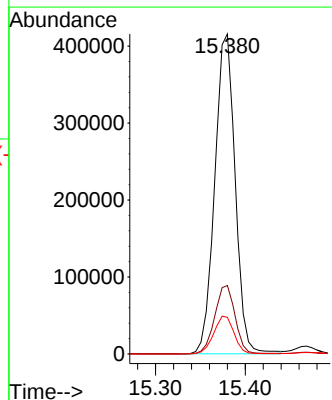
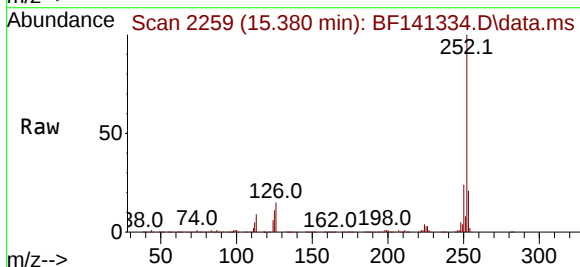
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

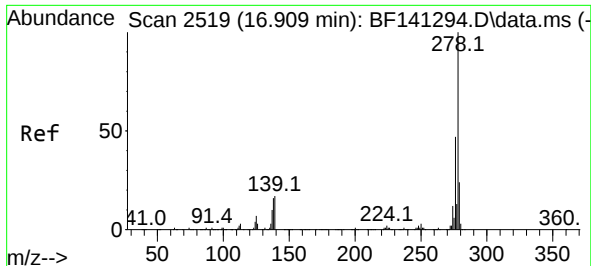
Tgt Ion:252 Resp: 638999
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 37.270 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 655984
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.5 9.4 14.2

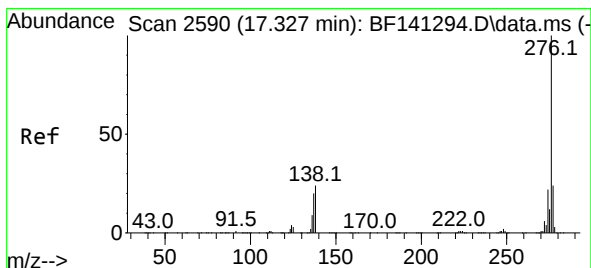
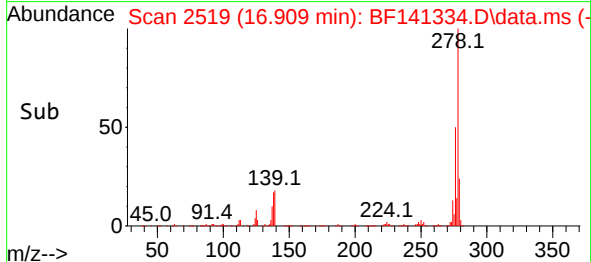
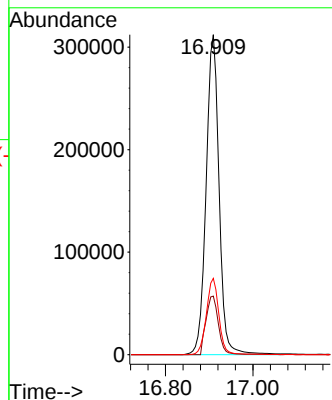
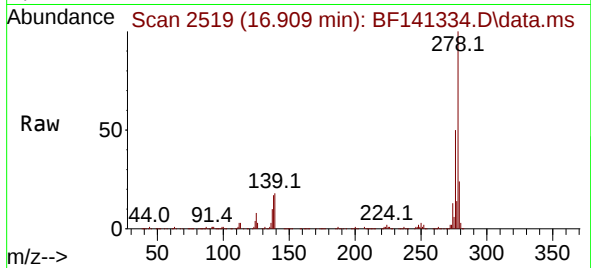




#91
Dibenzo(a,h)anthracene
Concen: 37.536 ng
RT: 16.909 min Scan# 2519
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 645395
Ion Ratio Lower Upper
278 100
139 18.3 13.9 20.9
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.355 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:276 Resp: 685709
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 23.3 19.0 28.4

