

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141994.D
 Acq On : 18 Mar 2025 14:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 18 15:34:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	239989	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	894289	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	481669	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	753053	20.000	ng	0.00
76) Chrysene-d12	14.045	240	494707	20.000	ng	0.00
86) Perylene-d12	15.515	264	535575	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1088701	75.712	ng	0.00
7) Phenol-d6	6.510	99	1339379	73.157	ng	0.00
23) Nitrobenzene-d5	7.445	82	1228373	77.299	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	480221	78.588	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2430888	76.752	ng	0.00
79) Terphenyl-d14	12.986	244	2285237	68.295	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.658	88	229297	38.057	ng 98
3) Pyridine	3.428	79	555865	37.612	ng 97
4) n-Nitrosodimethylamine	3.381	42	262003	37.190	ng 97
6) Aniline	6.545	93	616639	34.142	ng 100
8) 2-Chlorophenol	6.669	128	596390	37.396	ng 99
9) Benzaldehyde	6.434	77	354098	34.582	ng 100
10) Phenol	6.522	94	698267	36.253	ng 98
11) bis(2-Chloroethyl)ether	6.616	93	524685	36.278	ng 99
12) 1,3-Dichlorobenzene	6.822	146	654548	38.016	ng 99
13) 1,4-Dichlorobenzene	6.898	146	664498	38.144	ng 99
14) 1,2-Dichlorobenzene	7.051	146	624373	38.052	ng 99
15) Benzyl Alcohol	7.022	79	535087	36.151	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	585125	33.511	ng 99
17) 2-Methylphenol	7.128	107	460305	36.301	ng 99
18) Hexachloroethane	7.393	117	248095	37.978	ng 97
19) n-Nitroso-di-n-propyla...	7.298	70	390501	33.194	ng 100
20) 3+4-Methylphenols	7.287	107	569983	35.093	ng # 82
22) Acetophenone	7.293	105	795173	37.130	ng 99
24) Nitrobenzene	7.463	77	609535	38.584	ng 99
25) Isophorone	7.704	82	1015352	36.146	ng 99
26) 2-Nitrophenol	7.775	139	322094	41.542	ng 98
27) 2,4-Dimethylphenol	7.810	122	404431	37.881	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	640168	36.335	ng 99
29) 2,4-Dichlorophenol	8.016	162	506941	38.255	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	568900	38.955	ng 99
31) Naphthalene	8.187	128	1713566	37.302	ng 100
32) Benzoic acid	7.934	122	408684	43.547	ng 98
33) 4-Chloroaniline	8.234	127	564371	34.802	ng 98
34) Hexachlorobutadiene	8.298	225	385746	40.503	ng 99
35) Caprolactam	8.610	113	143835	35.601	ng 92
36) 4-Chloro-3-methylphenol	8.710	107	540509	36.564	ng 98
37) 2-Methylnaphthalene	8.875	142	1127917	36.733	ng 99
38) 1-Methylnaphthalene	8.975	142	1081329	36.494	ng 100
40) 1,2,4,5-Tetrachloroben...	9.039	216	587599	40.068	ng 98
41) Hexachlorocyclopentadiene	9.028	237	244958	42.681	ng 98
43) 2,4,6-Trichlorophenol	9.151	196	380905	39.744	ng 99

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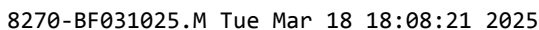
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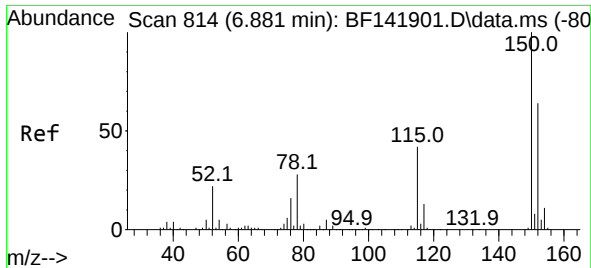
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	384465	39.608	ng	99
46) 1,1'-Biphenyl	9.339	154	1408867	38.496	ng	100
47) 2-Chloronaphthalene	9.363	162	1054546	38.659	ng	99
48) 2-Nitroaniline	9.457	65	298838	37.836	ng	97
49) Acenaphthylene	9.781	152	1540693	38.061	ng	100
50) Dimethylphthalate	9.639	163	1242811	36.846	ng	100
51) 2,6-Dinitrotoluene	9.698	165	269332	38.350	ng	96
52) Acenaphthene	9.951	154	1105127	38.848	ng	100
53) 3-Nitroaniline	9.869	138	262837	36.895	ng	99
54) 2,4-Dinitrophenol	9.975	184	159837	43.339	ng	# 48
55) Dibenzofuran	10.122	168	1517598	37.335	ng	99
56) 4-Nitrophenol	10.022	139	209611	39.017	ng	97
57) 2,4-Dinitrotoluene	10.104	165	350210	38.180	ng	97
58) Fluorene	10.469	166	1148628	36.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	343368	38.874	ng	97
60) Diethylphthalate	10.339	149	1213997	36.095	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	610782	37.374	ng	98
62) 4-Nitroaniline	10.481	138	254062	36.632	ng	99
63) Azobenzene	10.616	77	1119869	35.814	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	203861	45.411	ng	98
66) n-Nitrosodiphenylamine	10.575	169	969171	39.770	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	384478	40.653	ng	99
68) Hexachlorobenzene	11.016	284	427155	41.181	ng	94
69) Atrazine	11.098	200	247359	33.111	ng	99
70) Pentachlorophenol	11.204	266	271416	42.469	ng	99
71) Phenanthrene	11.428	178	1567239	38.531	ng	99
72) Anthracene	11.480	178	1548481	37.946	ng	100
73) Carbazole	11.633	167	1293169	36.745	ng	100
74) Di-n-butylphthalate	11.963	149	1654382	35.428	ng	100
75) Fluoranthene	12.616	202	1487447	34.474	ng	99
77) Benzidine	12.733	184	268003	38.829	ng	99
78) Pyrene	12.845	202	1460125	34.121	ng	100
80) Butylbenzylphthalate	13.457	149	584716	34.910	ng	99
81) Benzo(a)anthracene	14.033	228	1243808	38.315	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	408051	43.496	ng	100
83) Chrysene	14.069	228	1140228	38.748	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	850191	36.815	ng	100
85) Di-n-octyl phthalate	14.633	149	1398724	43.530	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1385704	39.997	ng	98
88) Benzo(b)fluoranthene	15.086	252	1250628	34.071	ng	100
89) Benzo(k)fluoranthene	15.116	252	1163553	37.042	ng	99
90) Benzo(a)pyrene	15.457	252	1085663	37.800	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1145269	40.065	ng	98
92) Benzo(g,h,i)perylene	17.468	276	1125885	39.857	ng	98

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

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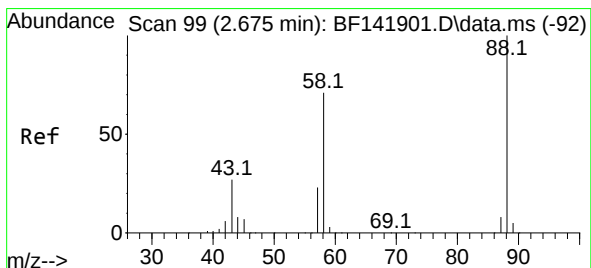
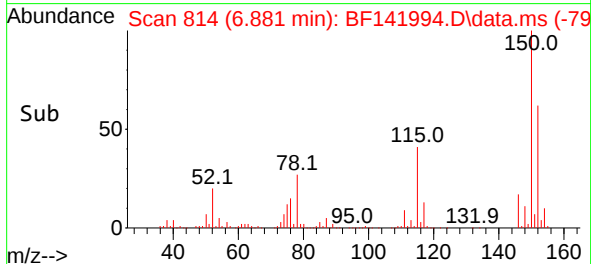
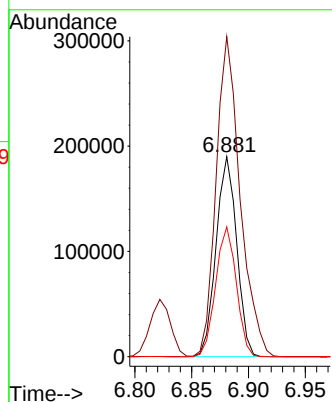
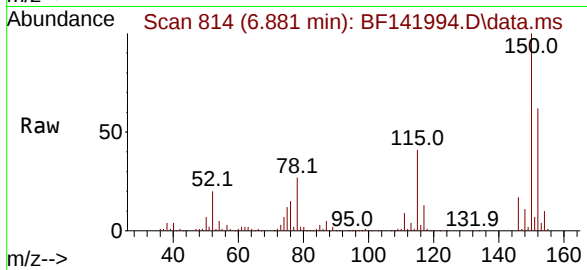




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

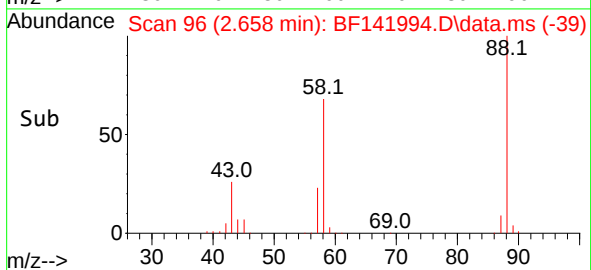
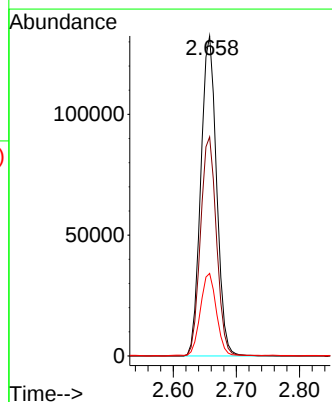
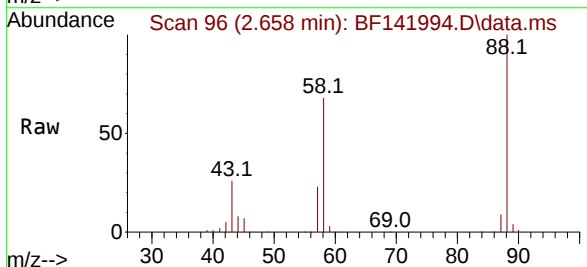
Instrument :
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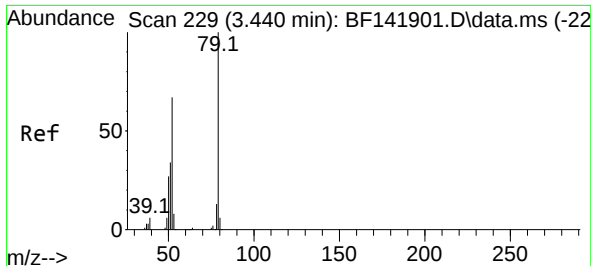
Tgt Ion:152 Resp: 239989
 Ion Ratio Lower Upper
 152 100
 150 160.0 127.4 191.2
 115 64.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 38.057 ng
 RT: 2.658 min Scan# 96
 Delta R.T. -0.017 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

Tgt Ion: 88 Resp: 229297
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 26.7 21.5 32.3

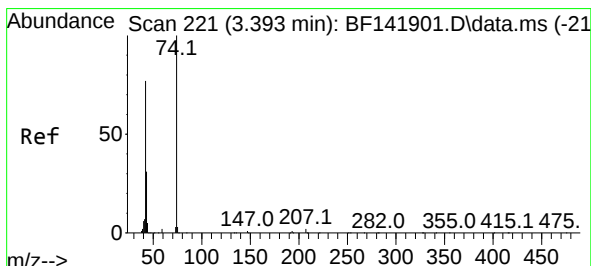
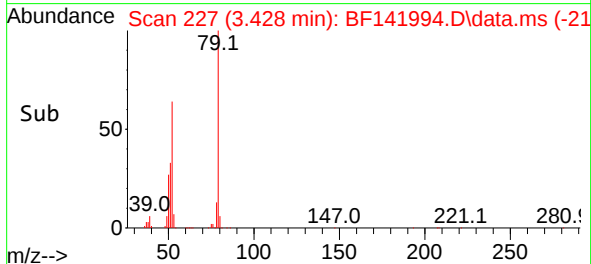
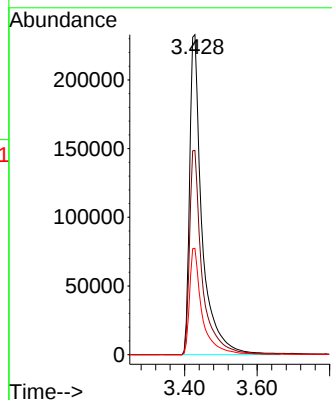
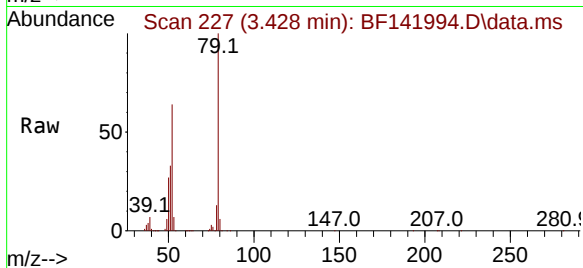




#3
 Pyridine
 Concen: 37.612 ng
 RT: 3.428 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

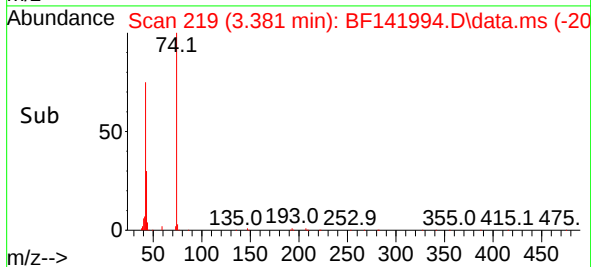
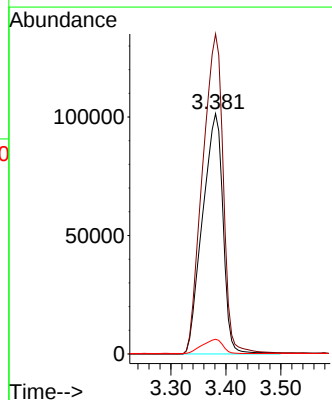
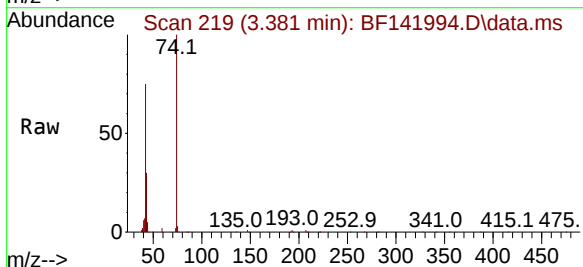
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 ClientSampleId :
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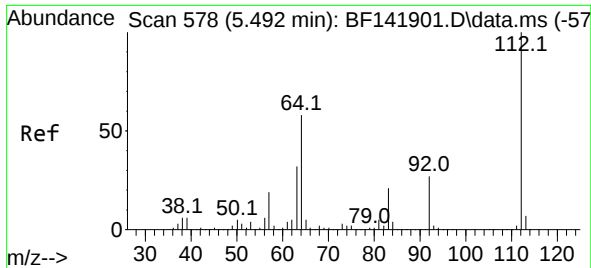
Tgt Ion: 79 Resp: 555865
 Ion Ratio Lower Upper
 79 100
 52 63.9 53.3 79.9
 51 33.2 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 37.190 ng
 RT: 3.381 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

Tgt Ion: 42 Resp: 262003
 Ion Ratio Lower Upper
 42 100
 74 133.2 103.4 155.0
 44 6.2 5.0 7.4

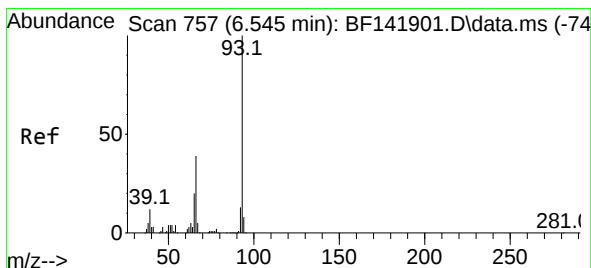
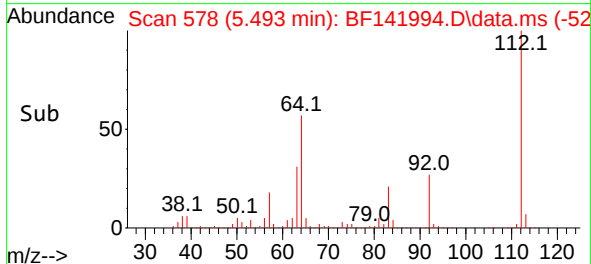
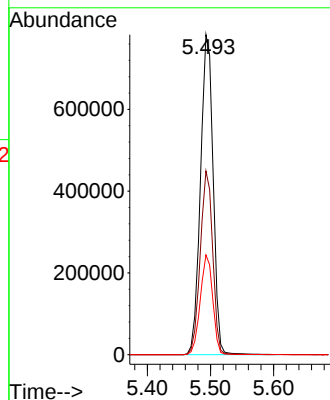
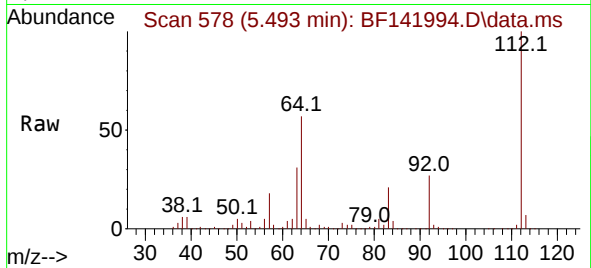




#5
2-Fluorophenol
Concen: 75.712 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

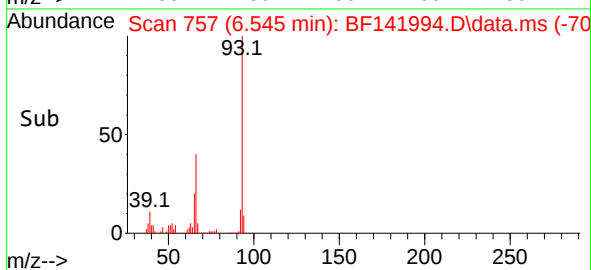
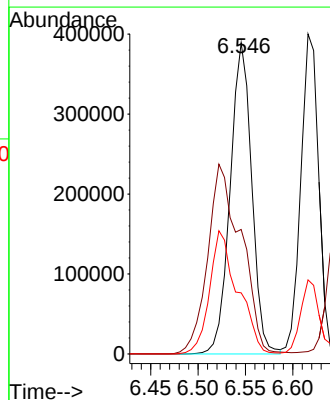
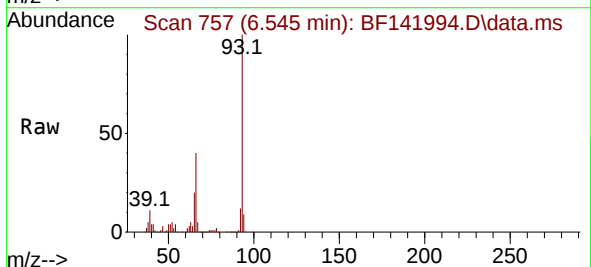
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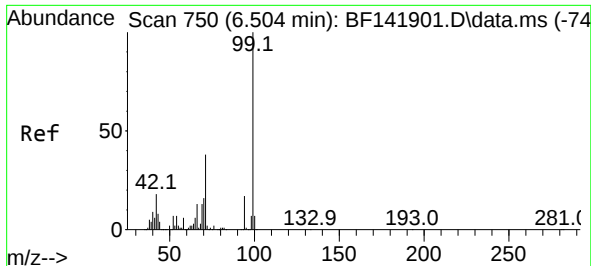
Tgt Ion:112 Resp: 1088701
Ion Ratio Lower Upper
112 100
64 57.4 46.5 69.7
63 31.2 25.4 38.2



#6
Aniline
Concen: 34.142 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion: 93 Resp: 616639
Ion Ratio Lower Upper
93 100
66 40.0 31.9 47.9
65 19.7 15.8 23.6

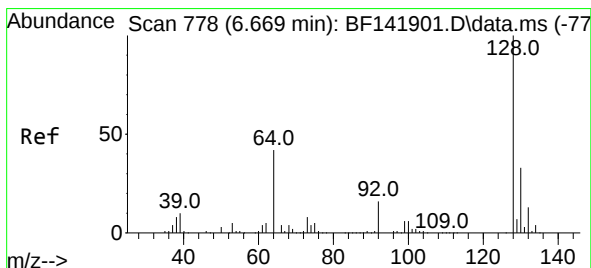
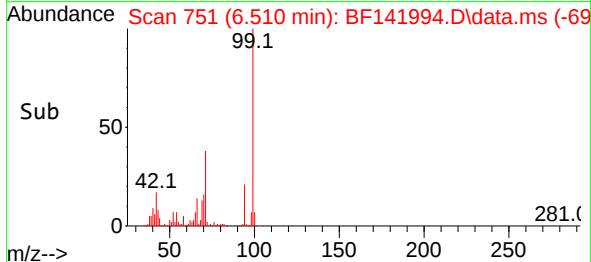
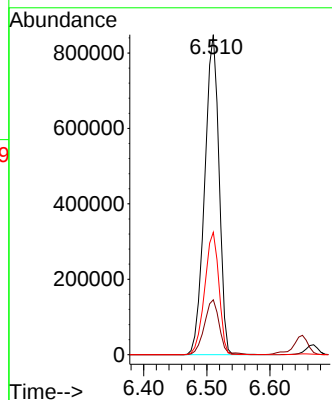
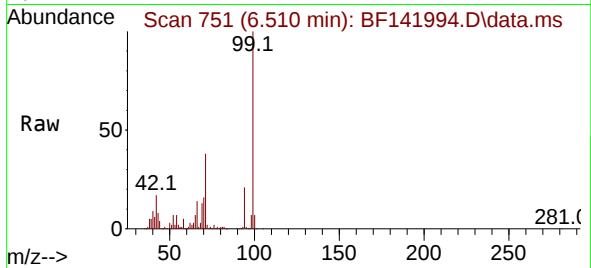




#7
Phenol-d6
Concen: 73.157 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

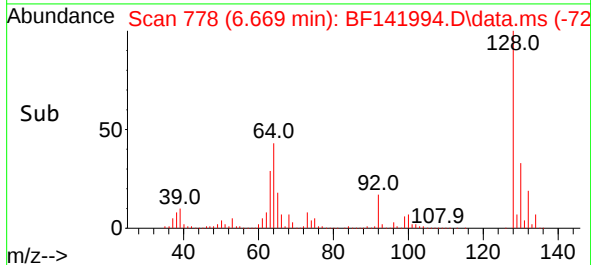
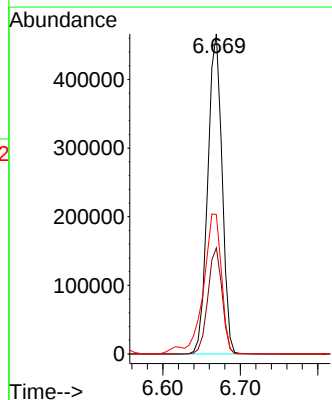
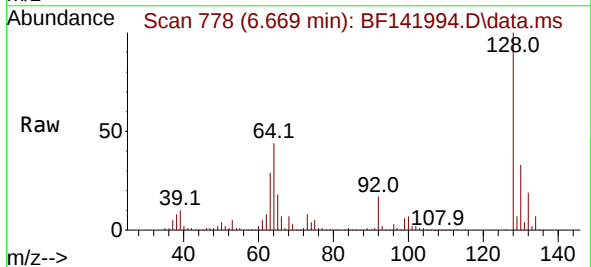
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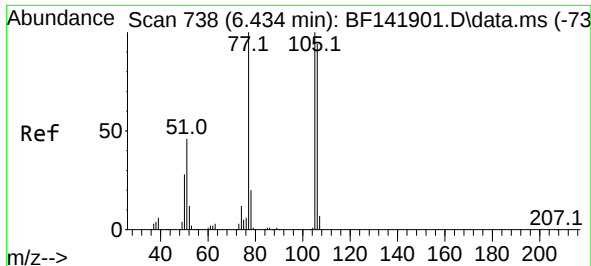
Tgt Ion: 99 Resp: 1339379
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.2 30.8 46.2



#8
2-Chlorophenol
Concen: 37.396 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:128 Resp: 596390
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 43.5 24.4 64.4

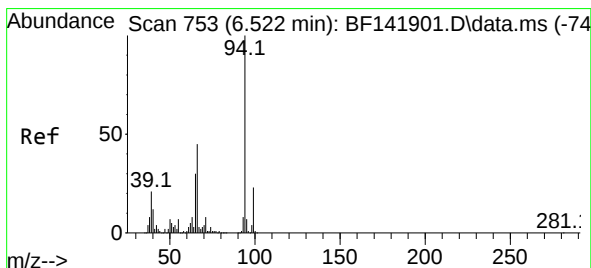
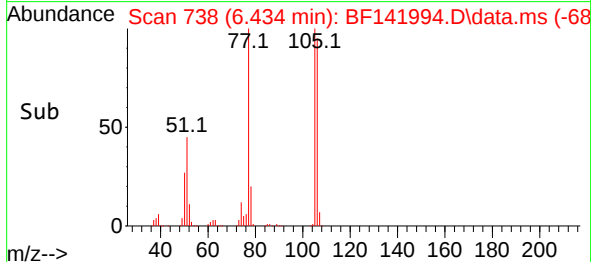
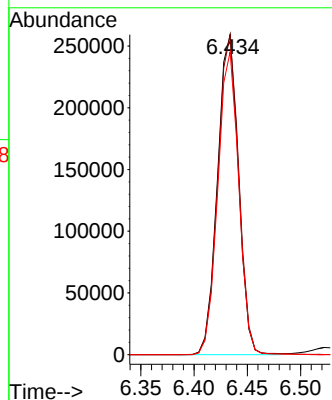
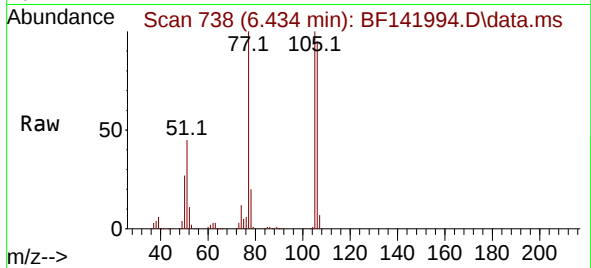




#9
Benzaldehyde
Concen: 34.582 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

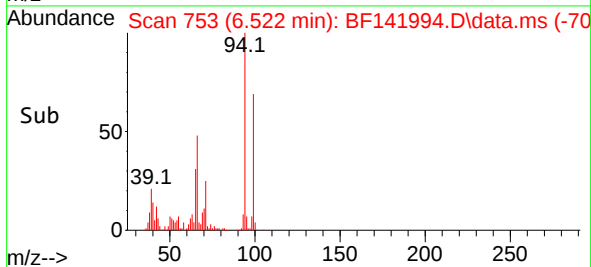
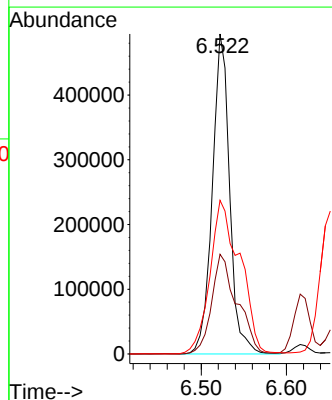
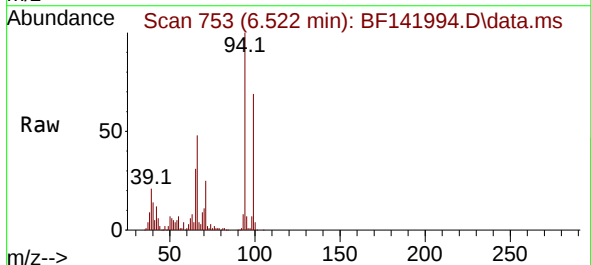
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ClientSampleId :
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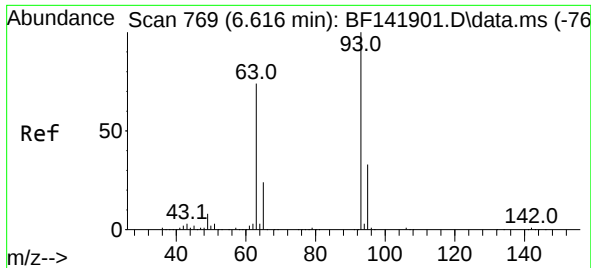
Tgt Ion: 77 Resp: 354098
Ion Ratio Lower Upper
77 100
105 99.9 80.0 120.0
106 94.6 74.5 114.5



#10
Phenol
Concen: 36.253 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion: 94 Resp: 698267
Ion Ratio Lower Upper
94 100
65 31.1 10.5 50.5
66 48.0 25.8 65.8

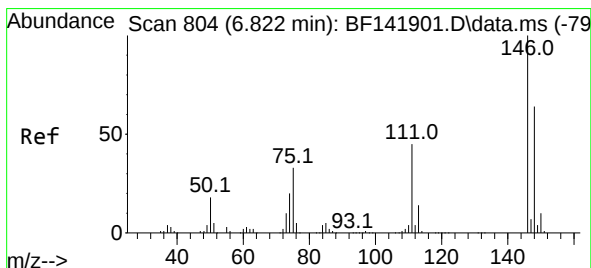
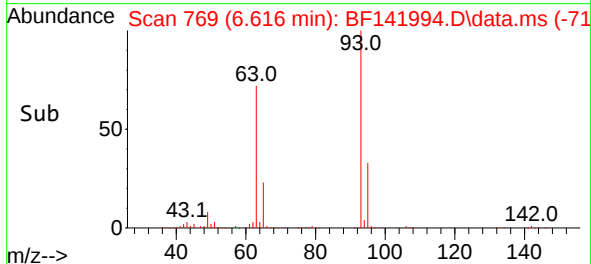
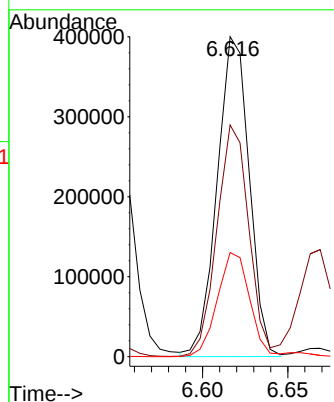
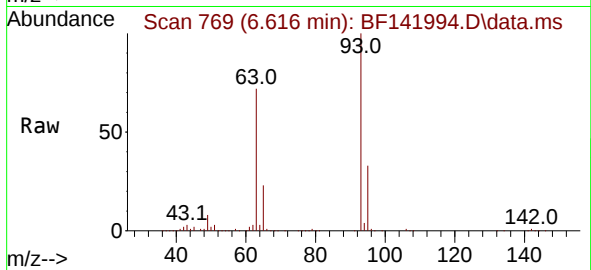




#11
bis(2-Chloroethyl)ether
Concen: 36.278 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

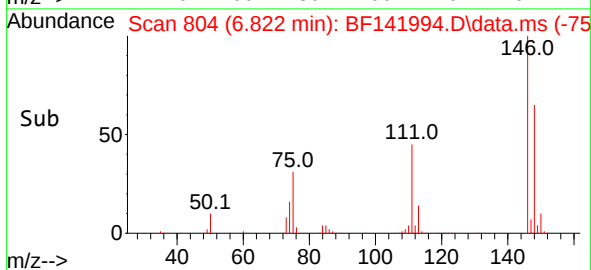
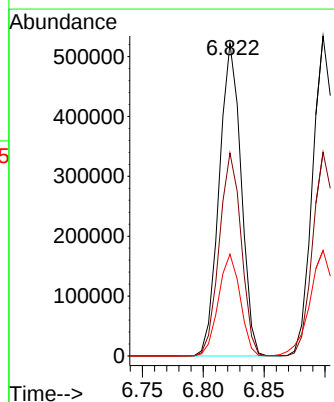
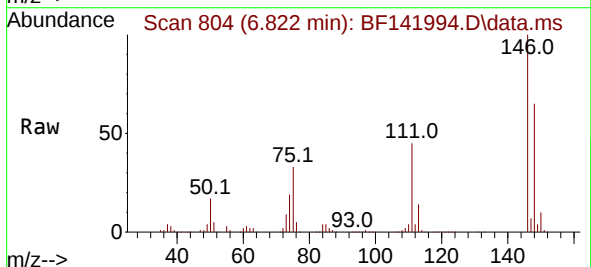
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

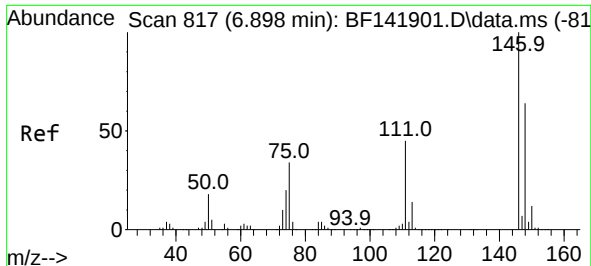
Tgt Ion: 93 Resp: 524685
Ion Ratio Lower Upper
93 100
63 72.4 53.0 93.0
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.016 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:146 Resp: 654548
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 32.5 26.6 40.0

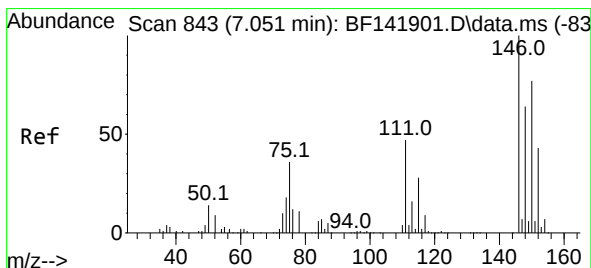
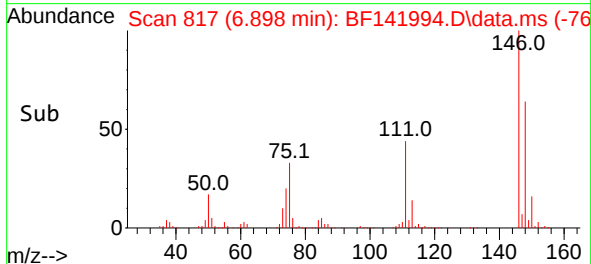
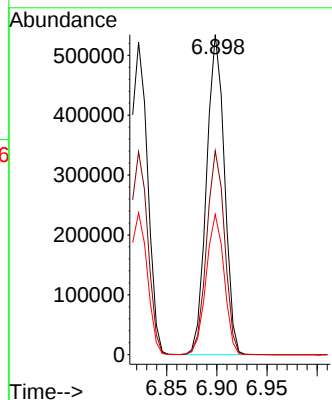
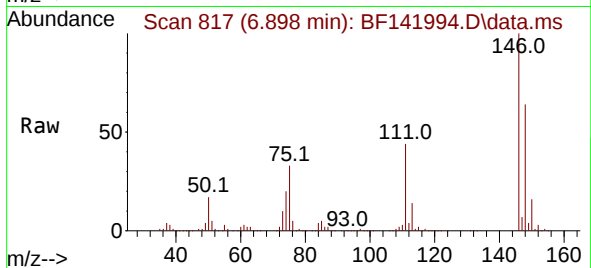




#13
1,4-Dichlorobenzene
Concen: 38.144 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

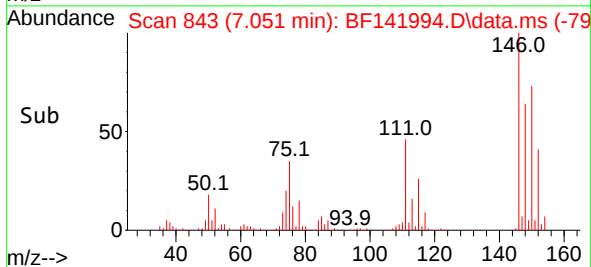
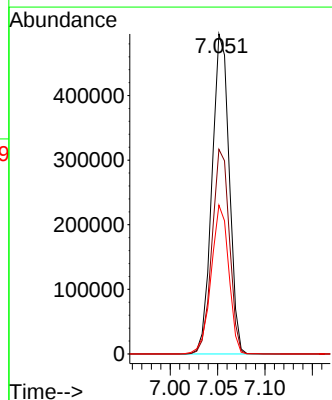
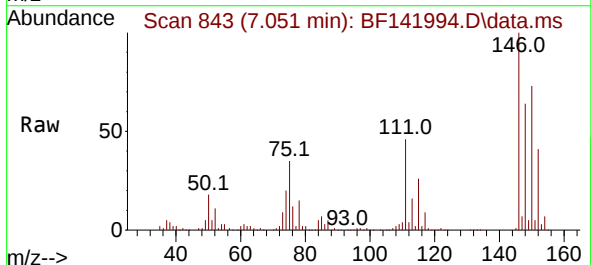
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

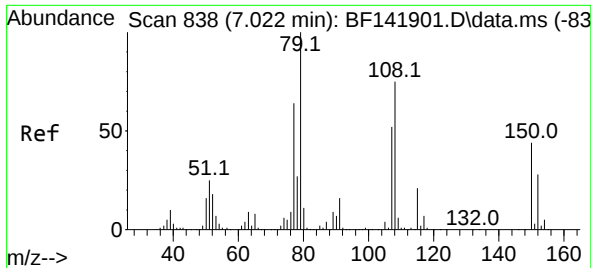
Tgt Ion:146 Resp: 664498
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.9 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 38.052 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:146 Resp: 624373
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 46.5 38.0 57.0

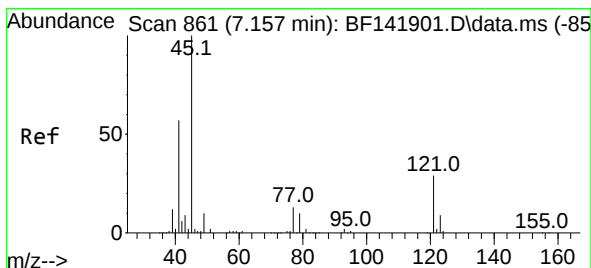
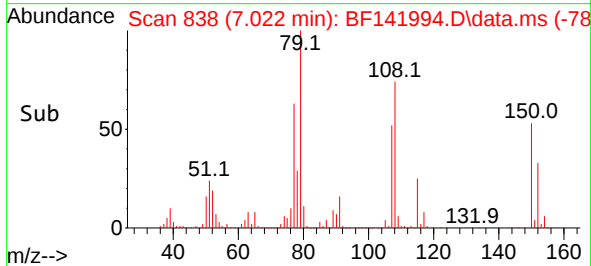
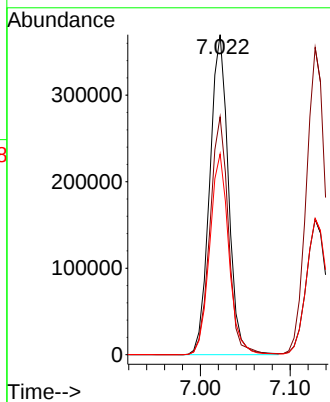
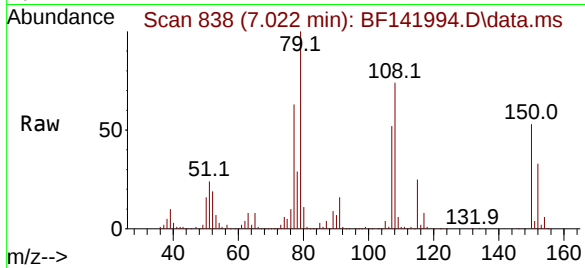




#15
Benzyl Alcohol
Concen: 36.151 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

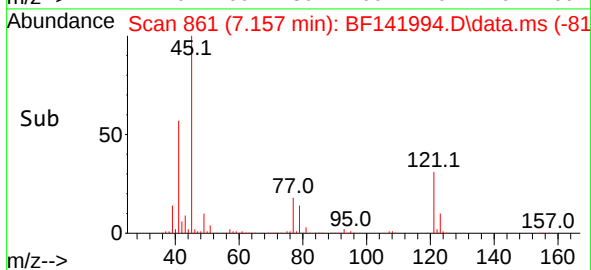
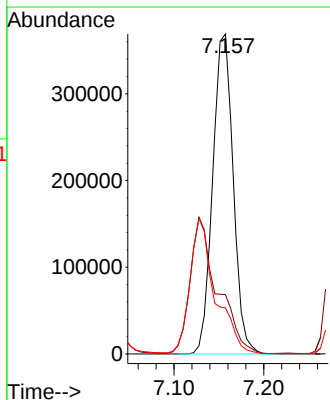
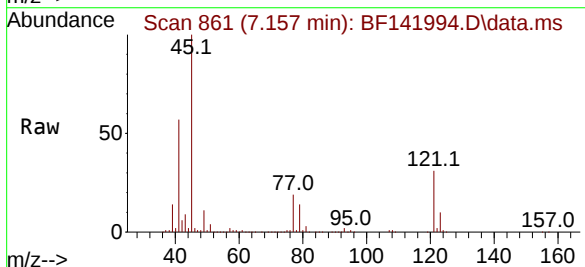
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

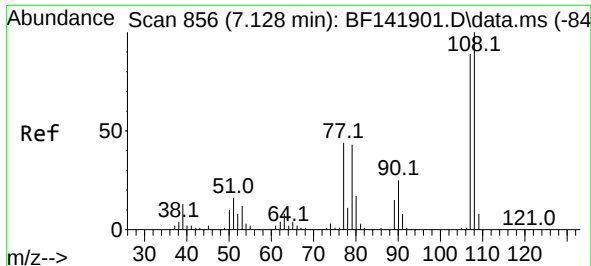
Tgt Ion: 79 Resp: 535087
Ion Ratio Lower Upper
79 100
108 74.4 59.7 89.5
77 62.8 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.511 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion: 45 Resp: 585125
Ion Ratio Lower Upper
45 100
77 18.6 0.0 37.8
79 14.5 0.0 34.2

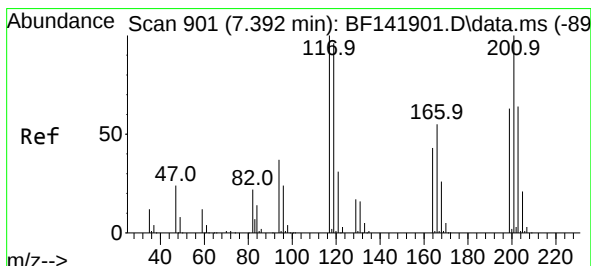
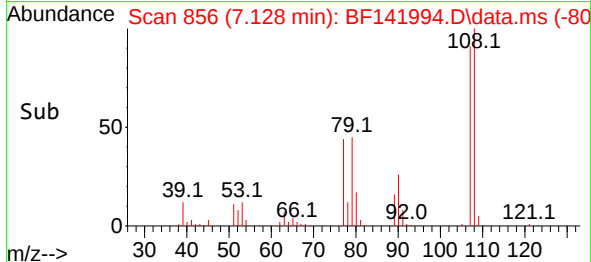
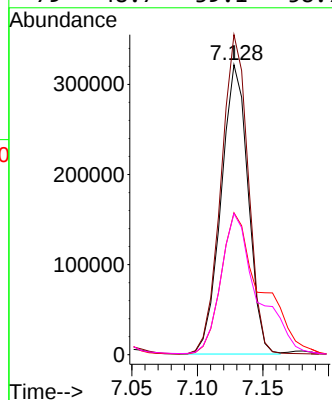
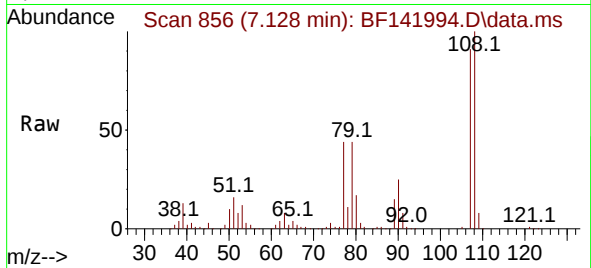




#17
2-Methylphenol
Concen: 36.301 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

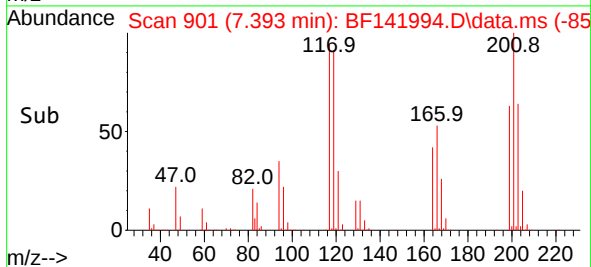
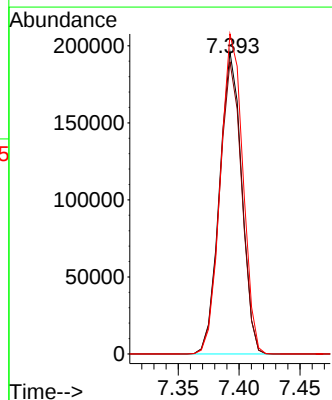
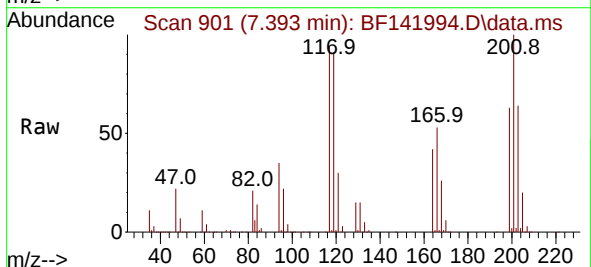
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

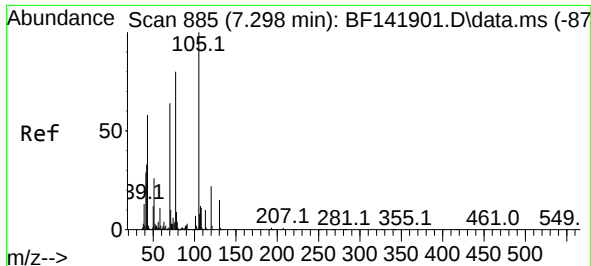
Tgt Ion:	107	Resp:	460305
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.2	135.2
77	49.0	39.6	59.4
79	48.7	39.1	58.7



#18
Hexachloroethane
Concen: 37.978 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:	117	Resp:	248095
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
201	105.9	79.9	119.9



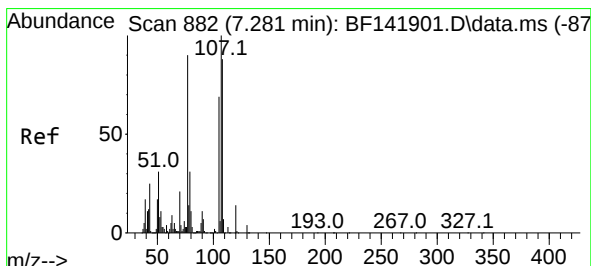
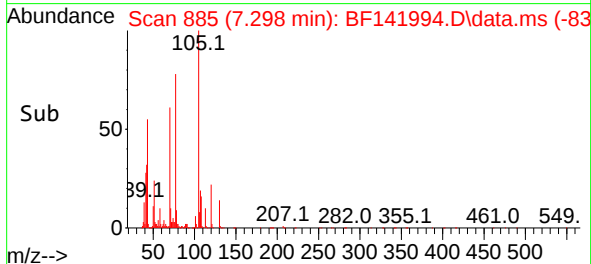
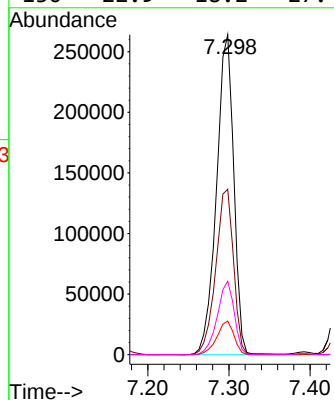
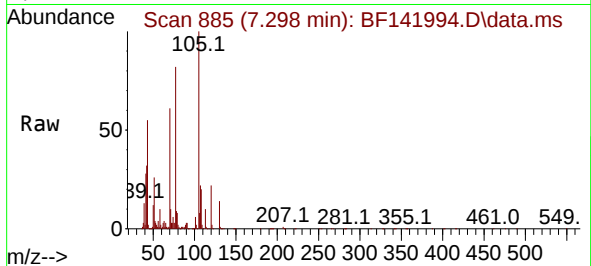


#19
n-Nitroso-di-n-propylamine
Concen: 33.194 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 390501

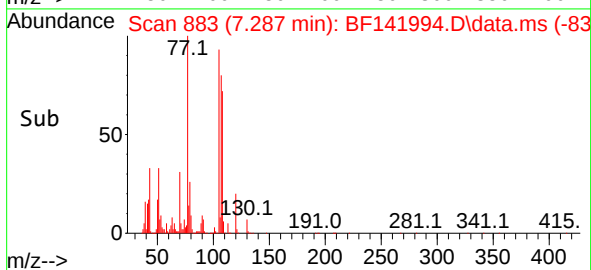
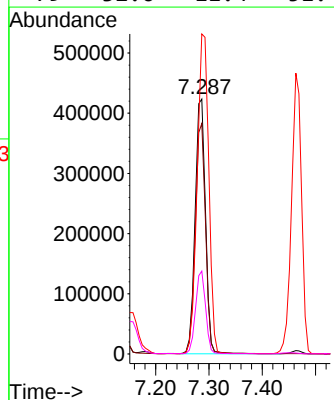
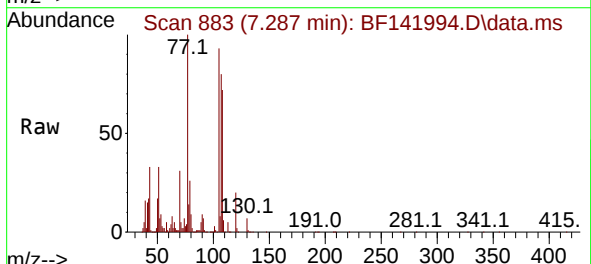
Ion	Ratio	Lower	Upper
70	100		
42	51.7	41.4	62.0
101	10.5	8.2	12.2
130	22.9	18.2	27.4

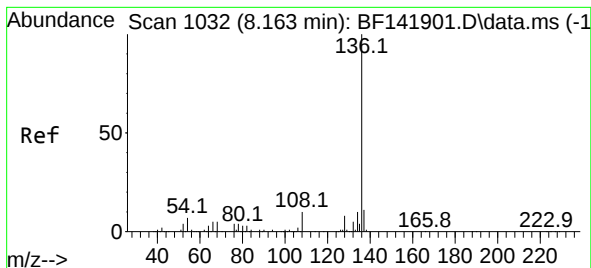


#20
3+4-Methylphenols
Concen: 35.093 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion: 107 Resp: 569983

Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.4	108.4
77	125.6	69.7	109.7#
79	32.6	11.4	51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 894289

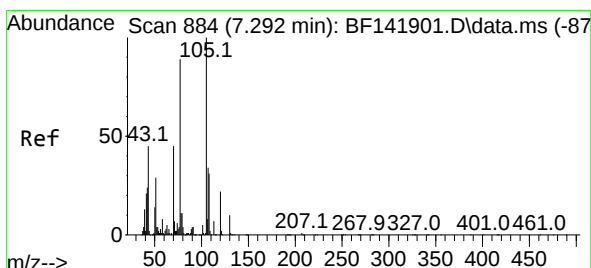
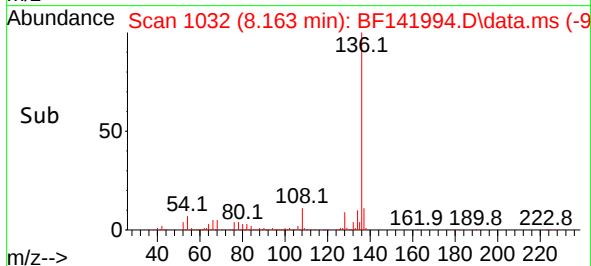
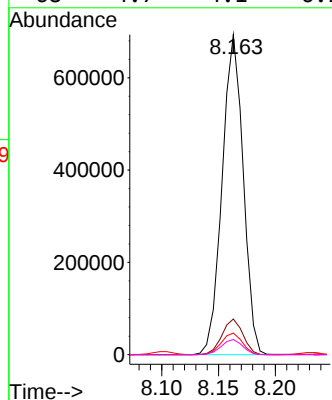
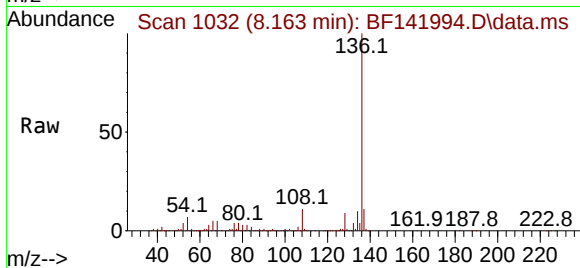
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.7 5.8 8.8

68 4.7 4.1 6.1



#22

Acetophenone

Concen: 37.130 ng

RT: 7.293 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Tgt Ion:105 Resp: 795173

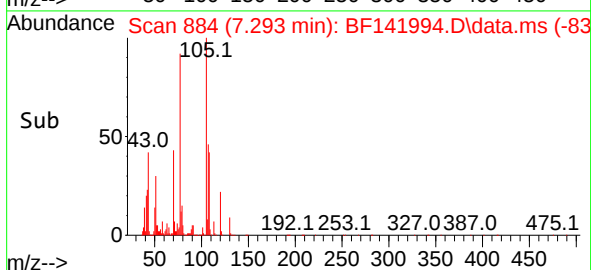
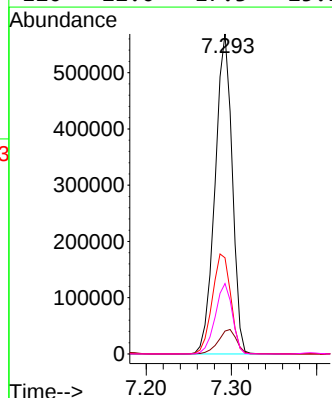
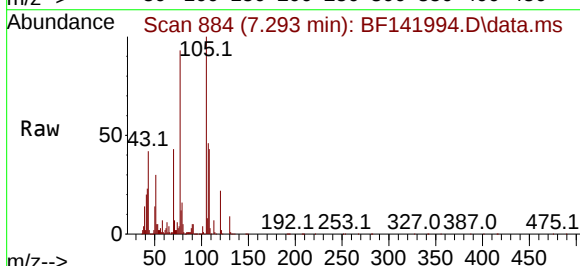
Ion Ratio Lower Upper

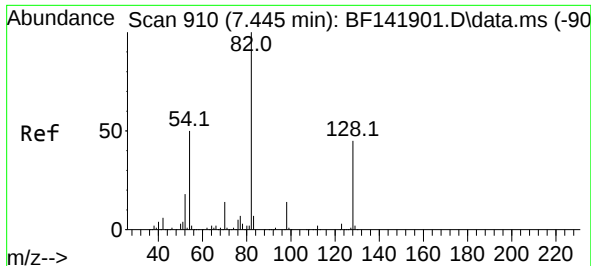
105 100

71 7.2 5.8 8.8

51 30.1 23.4 35.0

120 22.0 17.3 25.9

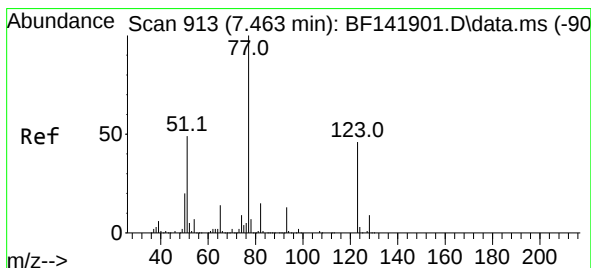
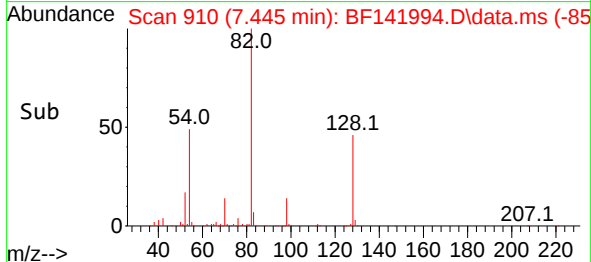
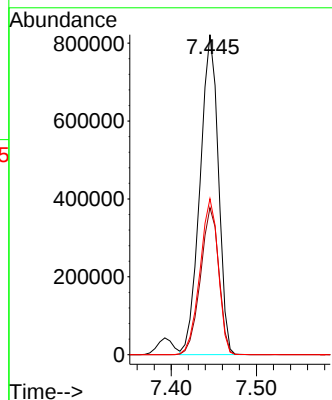
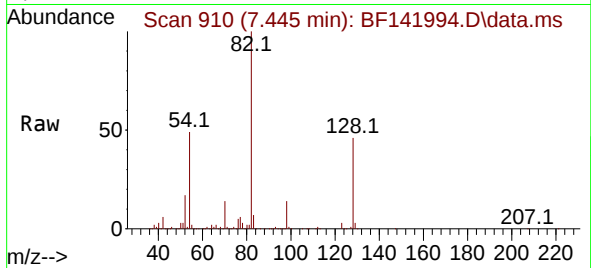




#23
Nitrobenzene-d5
Concen: 77.299 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

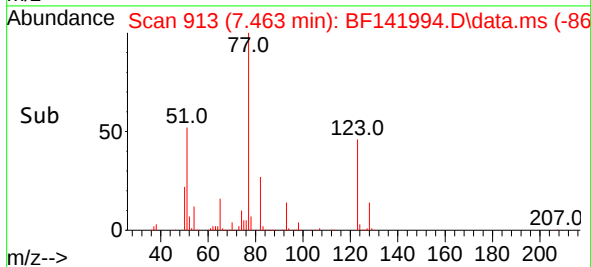
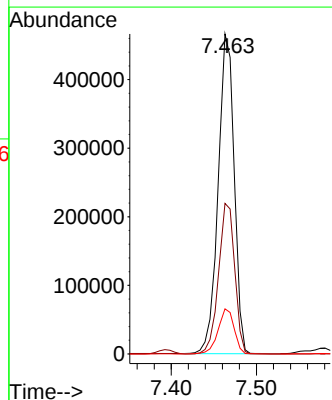
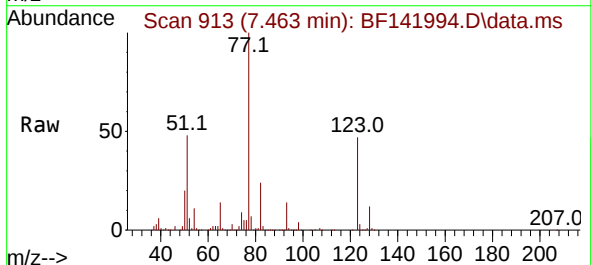
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

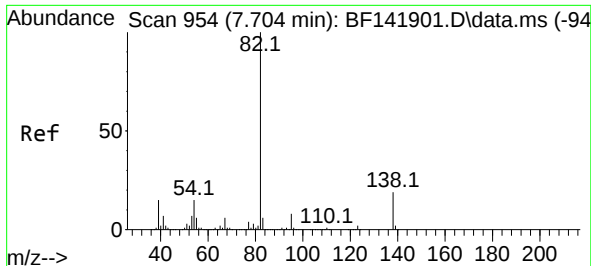
Tgt Ion: 82 Resp: 1228373
Ion Ratio Lower Upper
82 100
128 46.0 36.0 54.0
54 48.7 39.6 59.4



#24
Nitrobenzene
Concen: 38.584 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion: 77 Resp: 609535
Ion Ratio Lower Upper
77 100
123 47.1 37.0 55.4
65 14.1 11.3 16.9

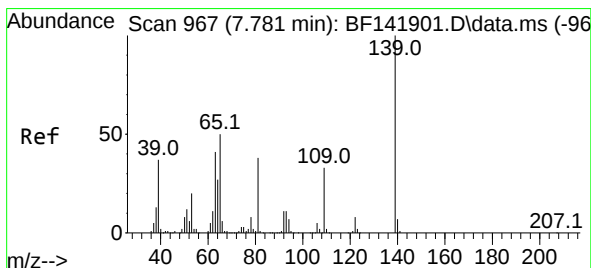
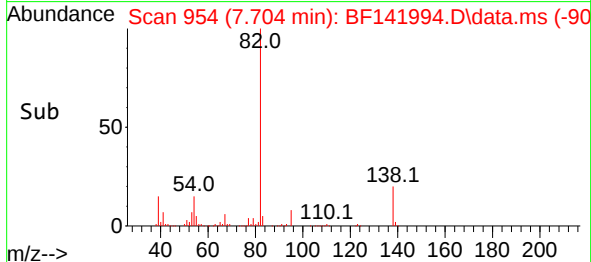
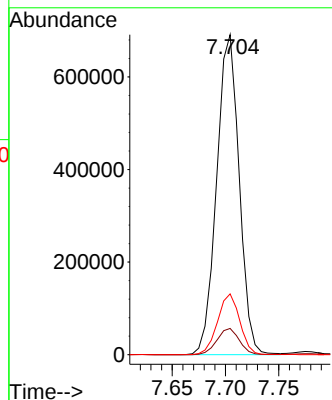
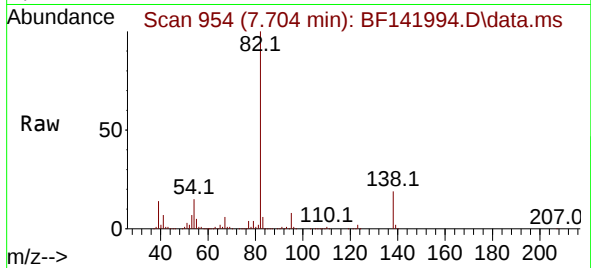




#25
Isophorone
Concen: 36.146 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

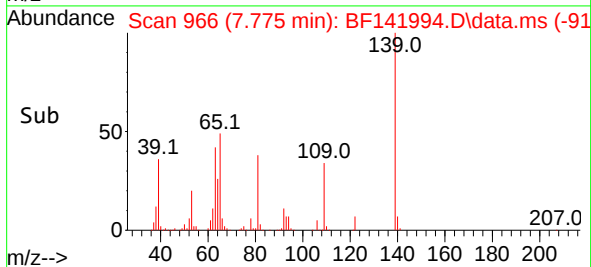
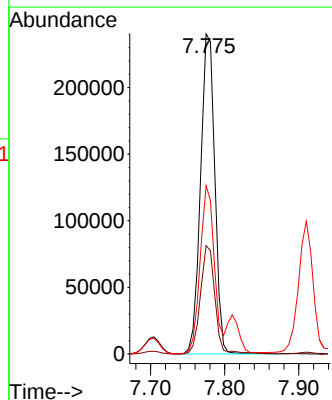
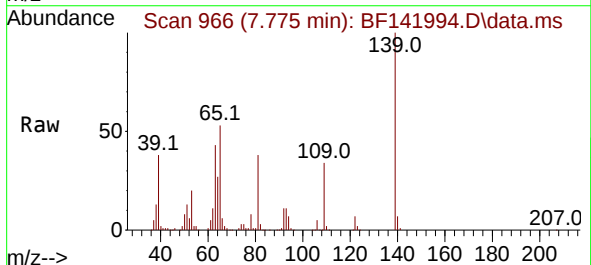
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

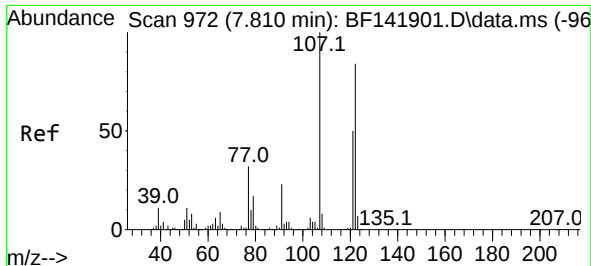
Tgt Ion: 82 Resp: 1015352
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.0 14.9 22.3



#26
2-Nitrophenol
Concen: 41.542 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:139 Resp: 322094
Ion Ratio Lower Upper
139 100
109 33.9 26.5 39.7
65 52.6 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 37.881 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

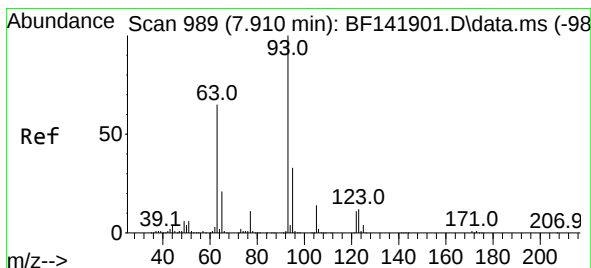
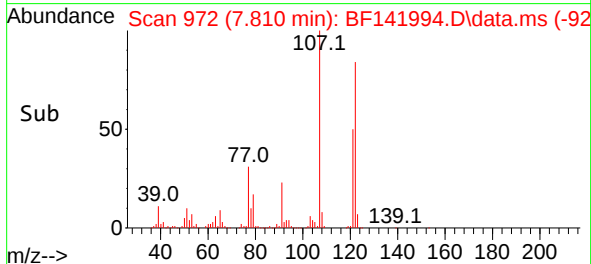
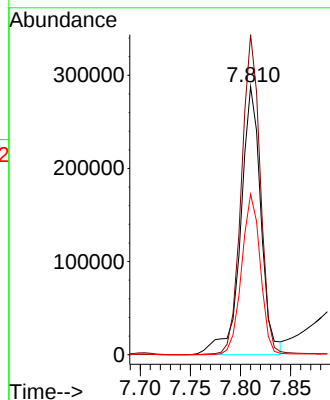
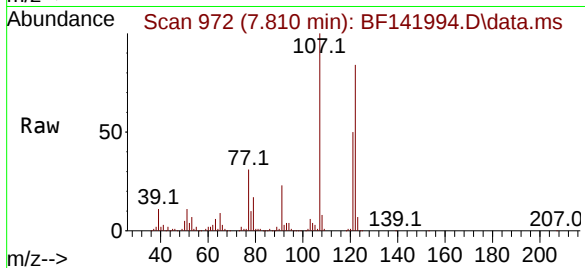
Tgt Ion:122 Resp: 404431

Ion Ratio Lower Upper

122 100

107 119.3 94.8 142.2

121 59.9 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 36.335 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

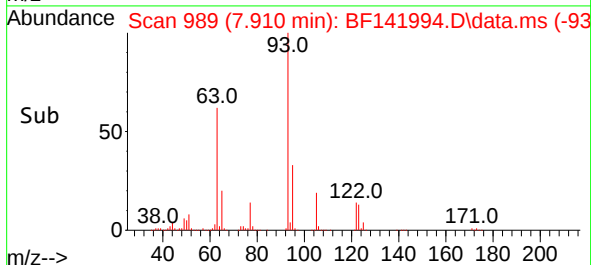
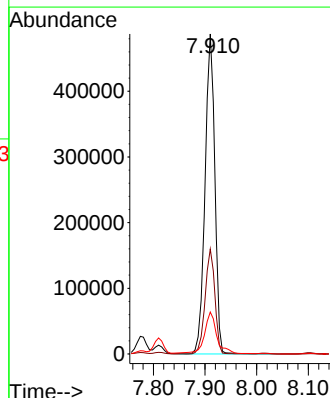
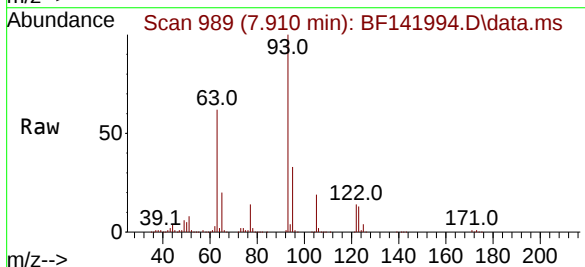
Tgt Ion: 93 Resp: 640168

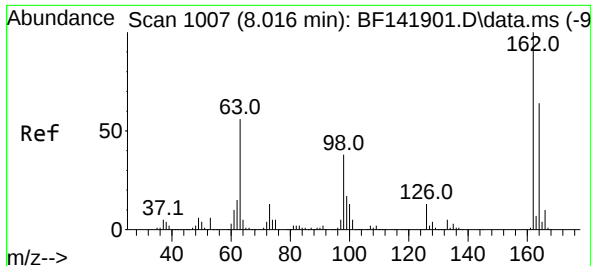
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.255 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

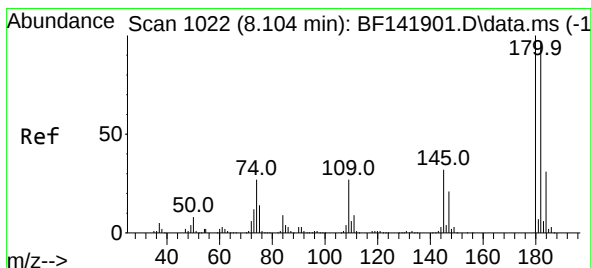
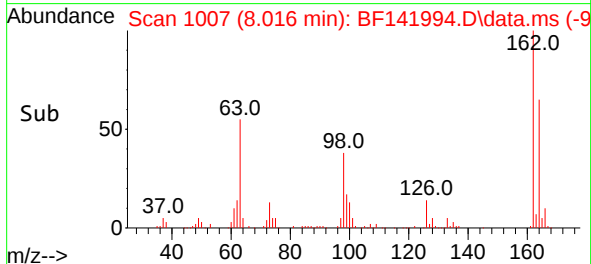
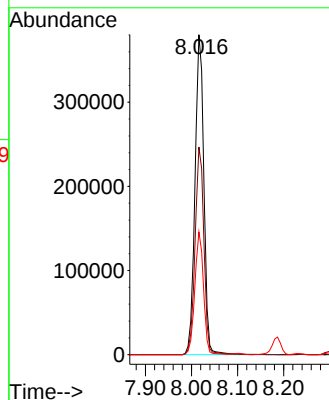
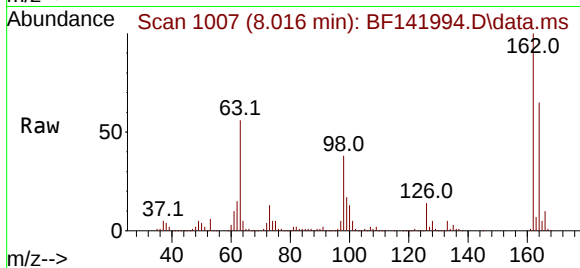
Tgt Ion:162 Resp: 506941

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

98 38.4 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.955 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

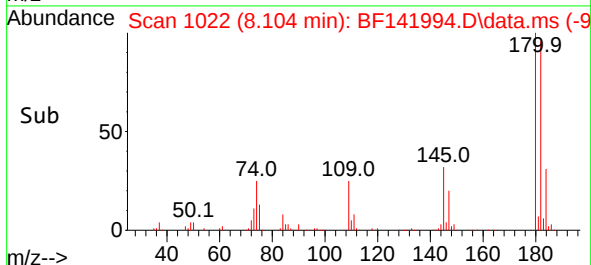
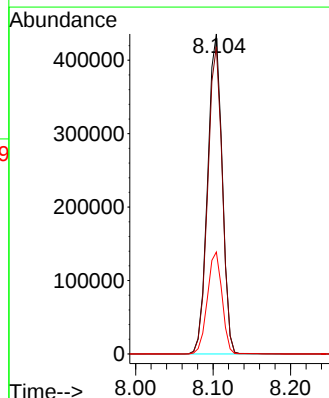
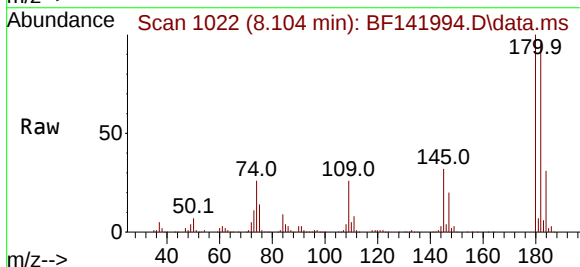
Tgt Ion:180 Resp: 568900

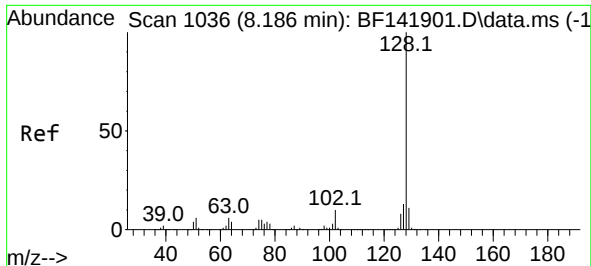
Ion Ratio Lower Upper

180 100

182 96.0 77.5 116.3

145 31.9 25.8 38.6

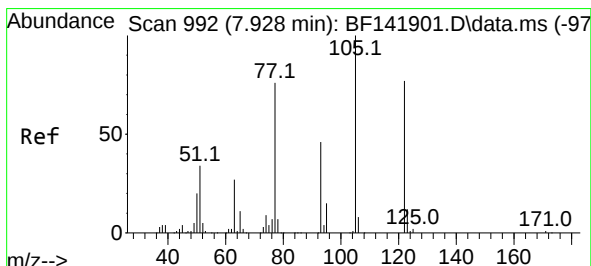
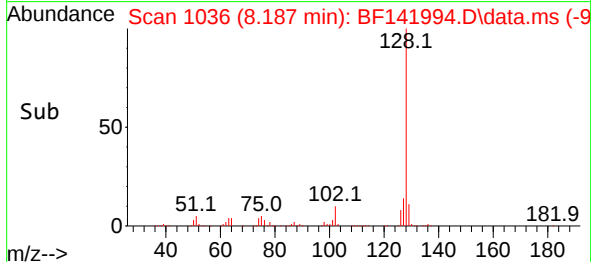
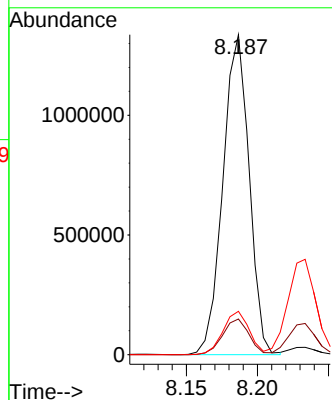
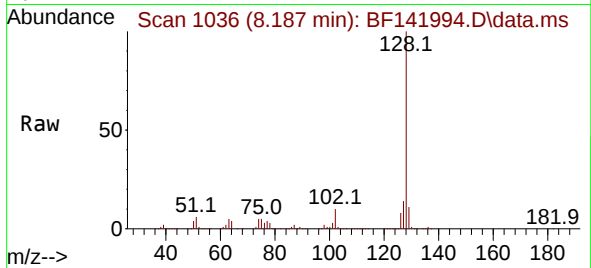




#31
Naphthalene
Concen: 37.302 ng
RT: 8.187 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

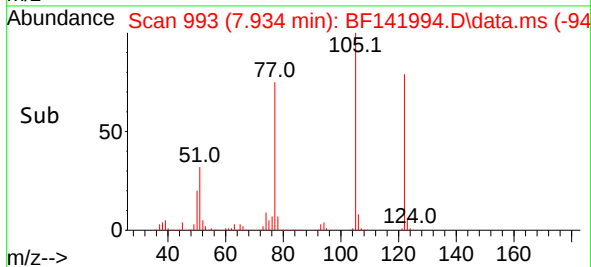
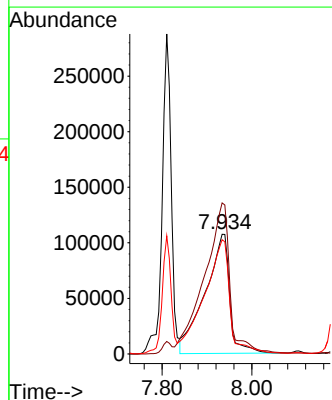
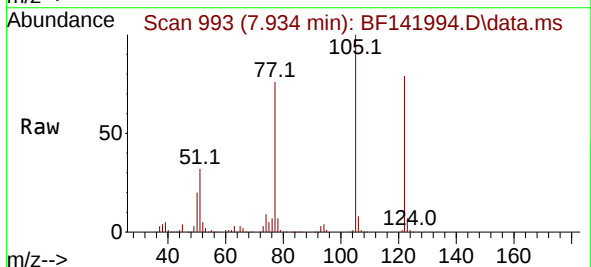
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

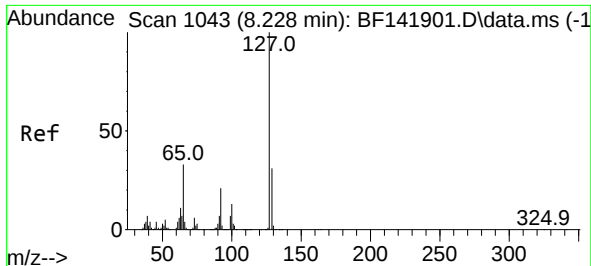
Tgt Ion:128 Resp: 1713566
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 43.547 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:122 Resp: 408684
Ion Ratio Lower Upper
122 100
105 126.2 107.9 147.9
77 95.4 79.0 119.0

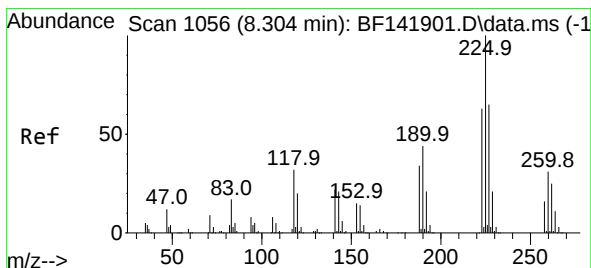
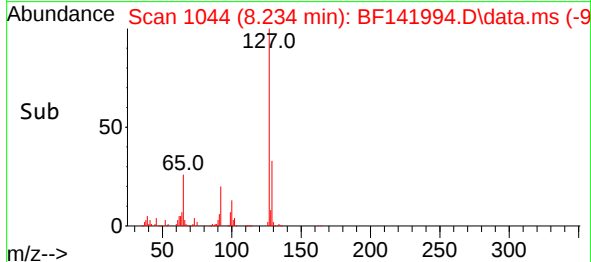
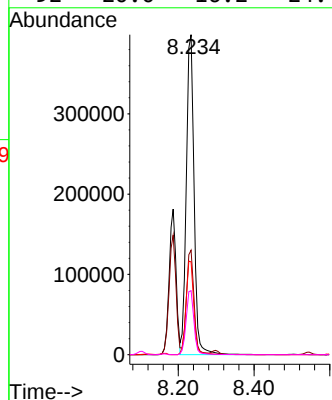
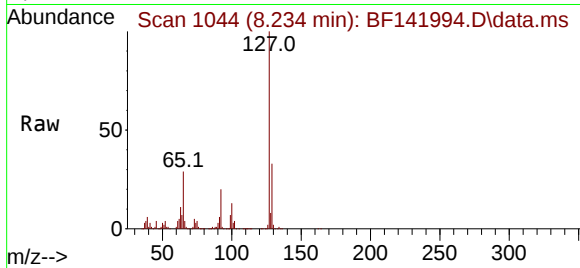




#33
4-Chloroaniline
Concen: 34.802 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

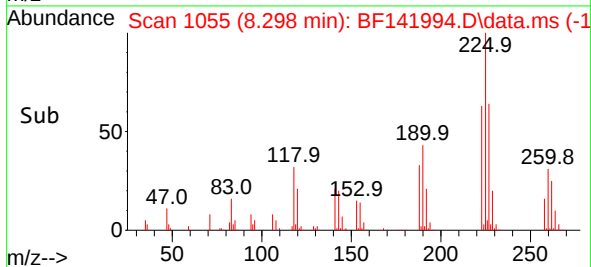
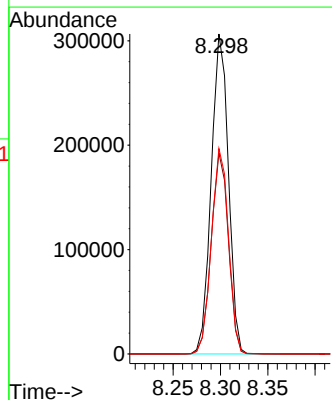
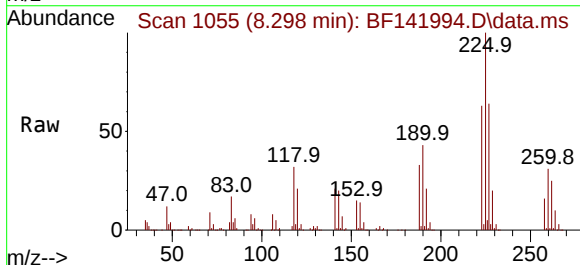
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BNA_F
ClientSampleId :
SSTDCCC040EC

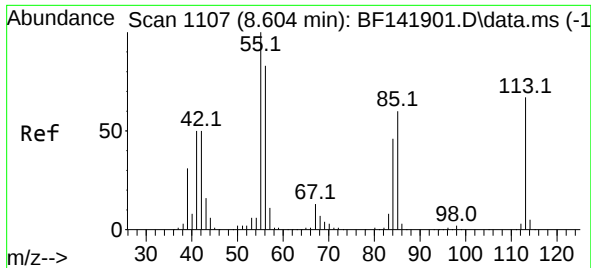
Tgt Ion:127 Resp: 564371
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.4
65 29.0 25.4 38.2
92 20.0 16.2 24.4



#34
Hexachlorobutadiene
Concen: 40.503 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:225 Resp: 385746
Ion Ratio Lower Upper
225 100
223 62.8 50.6 75.8
227 64.2 52.2 78.2

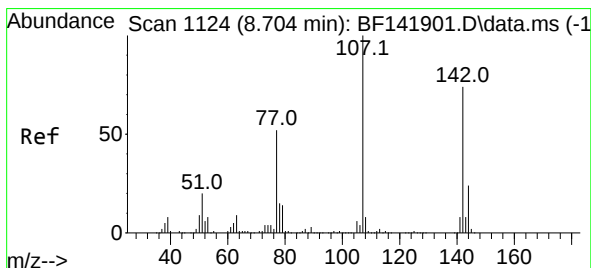
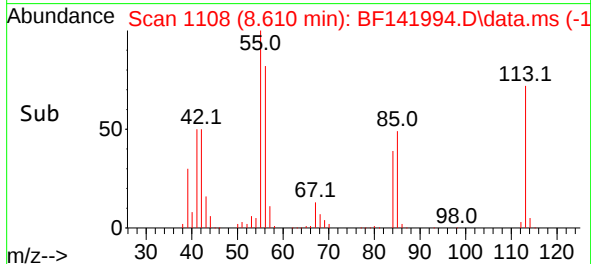
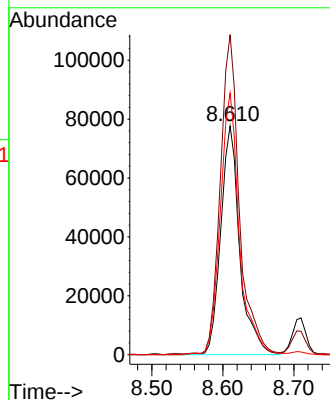
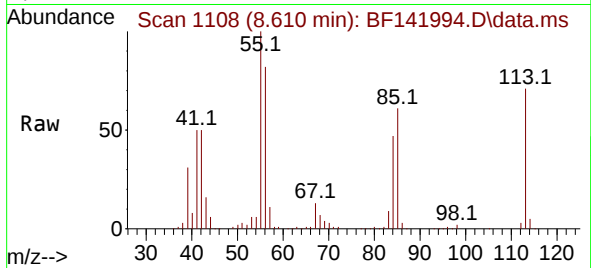




#35
 Caprolactam
 Concen: 35.601 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

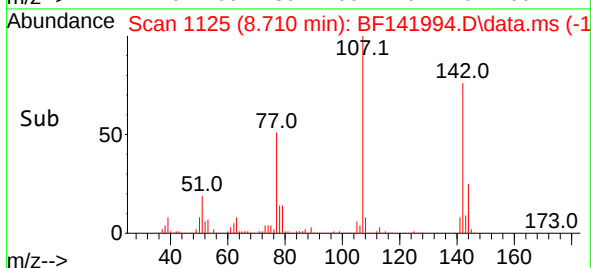
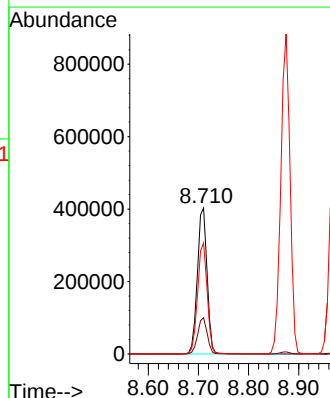
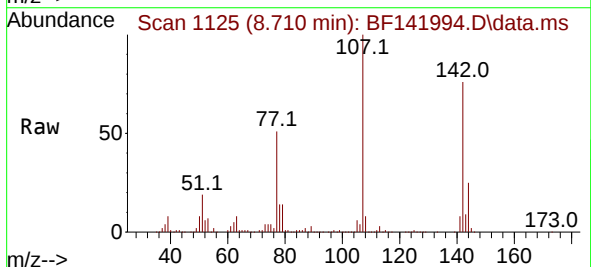
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

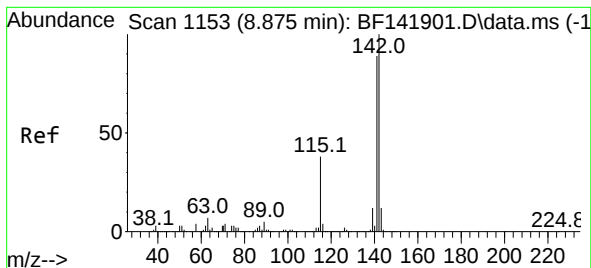
Tgt Ion:113 Resp: 143835
 Ion Ratio Lower Upper
 113 100
 55 139.9 129.6 169.6
 56 114.4 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.564 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

Tgt Ion:107 Resp: 540509
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.0 28.6
 142 76.1 59.2 88.8





#37

2-Methylnaphthalene

Concen: 36.733 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

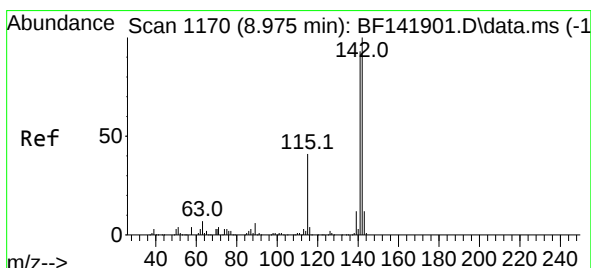
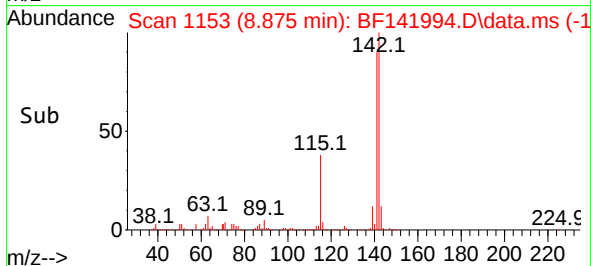
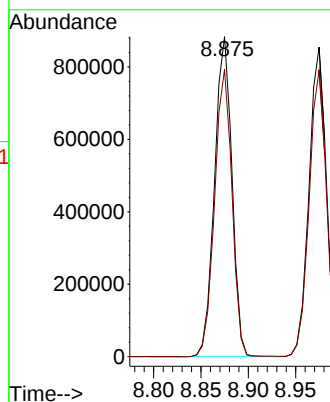
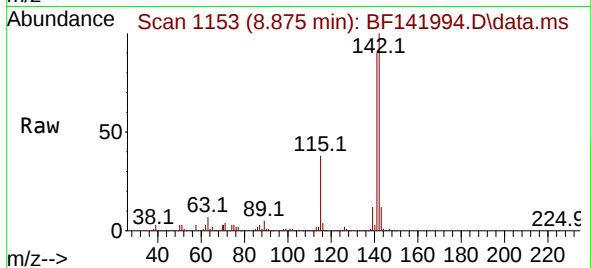
SSTDCCC040EC

Tgt Ion:142 Resp: 1127917

Ion Ratio Lower Upper

142 100

141 89.8 71.2 106.8



#38

1-Methylnaphthalene

Concen: 36.494 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141994.D

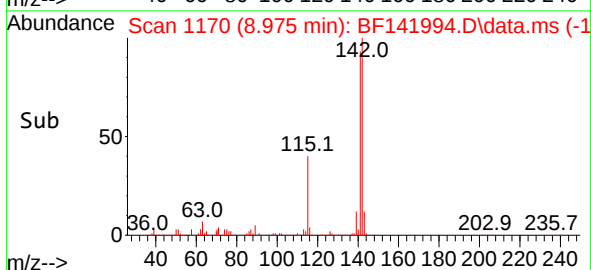
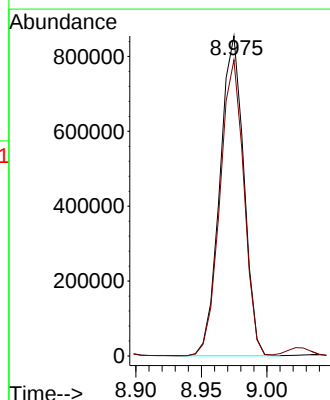
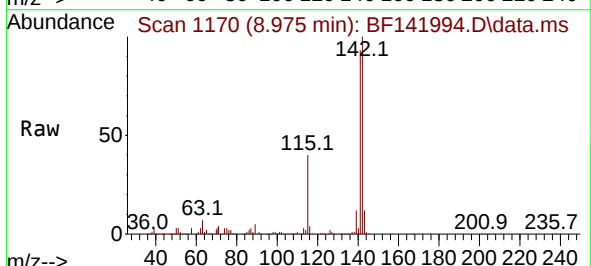
Acq: 18 Mar 2025 14:30

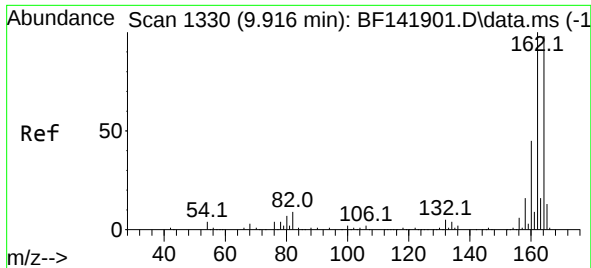
Tgt Ion:142 Resp: 1081329

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

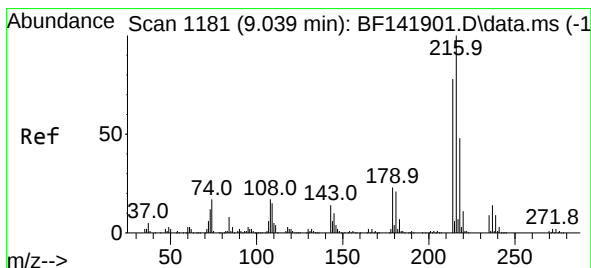
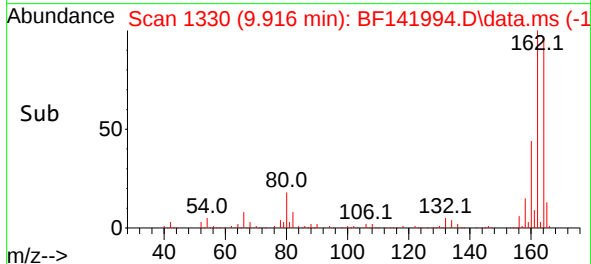
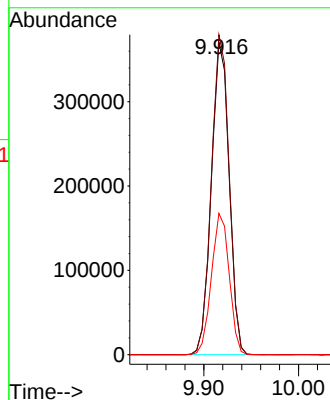
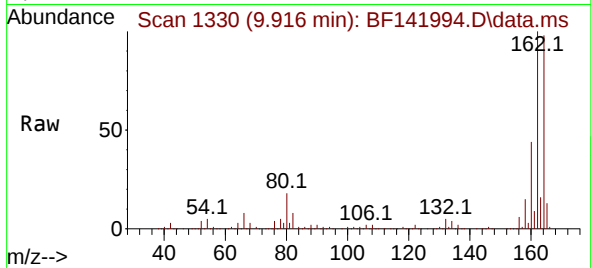




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

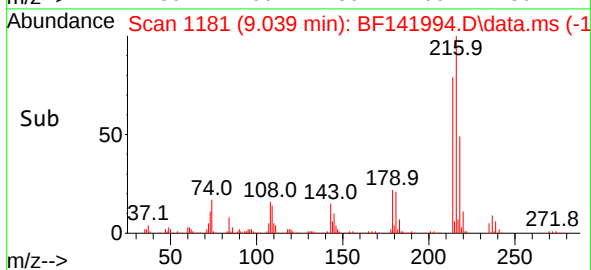
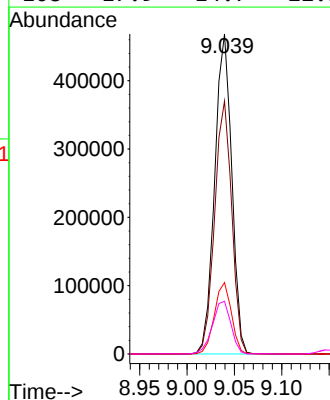
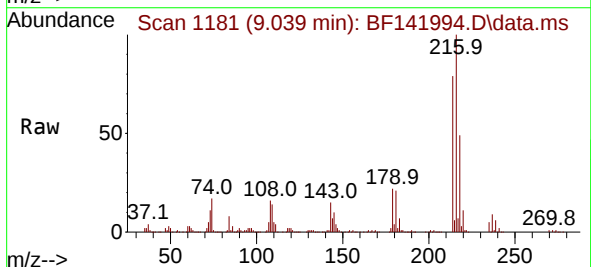
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

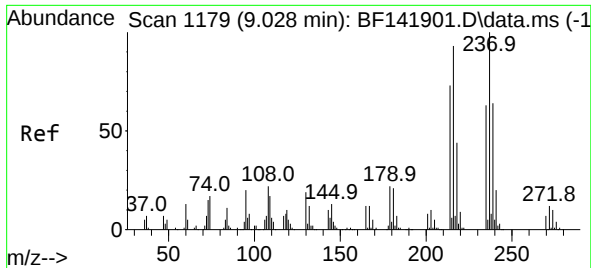
Tgt Ion:164 Resp: 481669
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 45.2 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.068 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:216 Resp: 587599
Ion Ratio Lower Upper
216 100
214 79.2 61.9 92.9
179 22.3 18.1 27.1
108 17.9 14.7 22.1

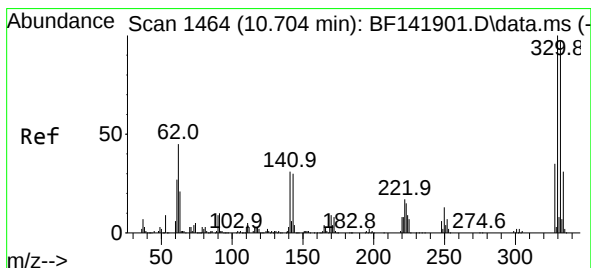
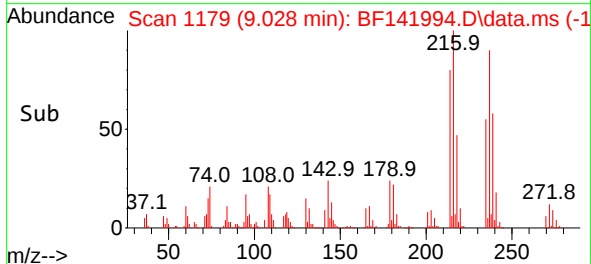
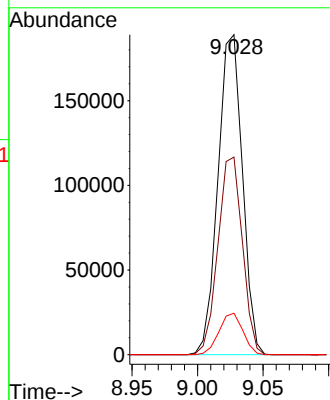
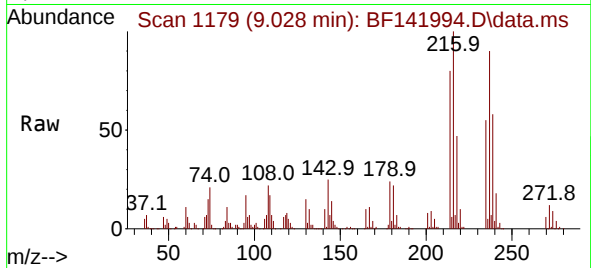




#41
Hexachlorocyclopentadiene
Concen: 42.681 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

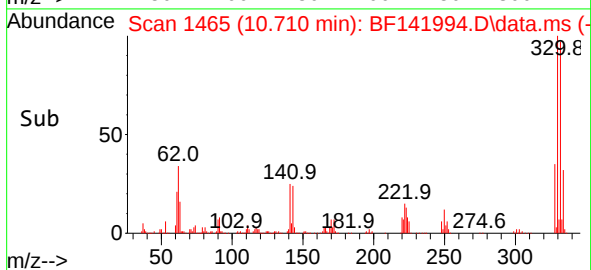
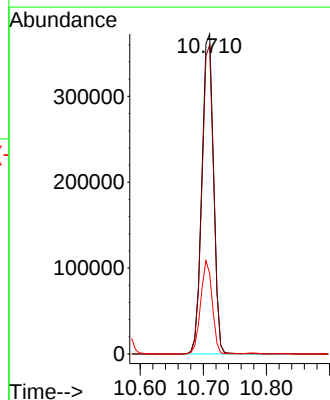
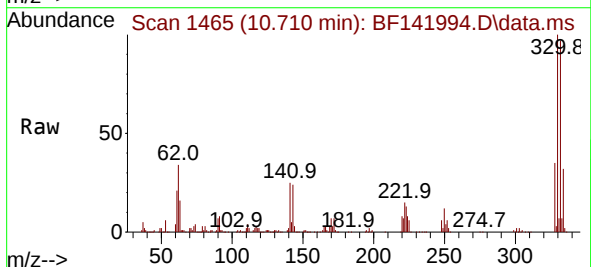
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

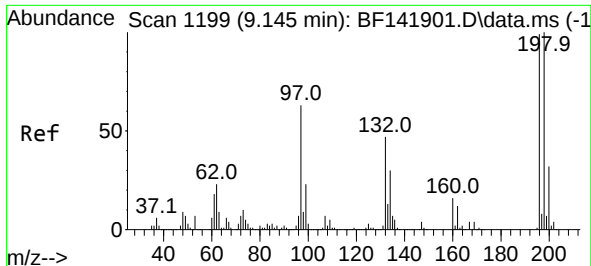
Tgt Ion:237 Resp: 244958
Ion Ratio Lower Upper
237 100
235 61.7 43.1 83.1
272 12.9 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 78.588 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:330 Resp: 480221
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 28.6 24.7 37.1

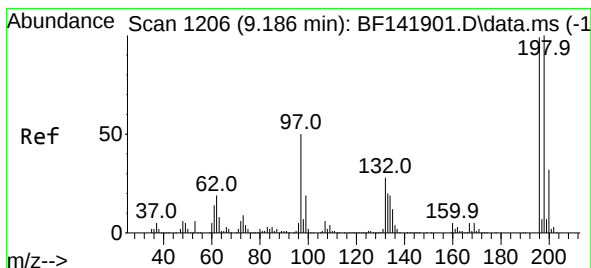
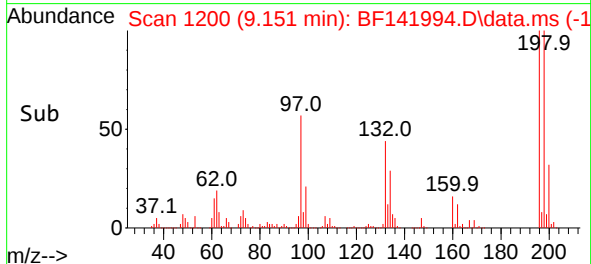
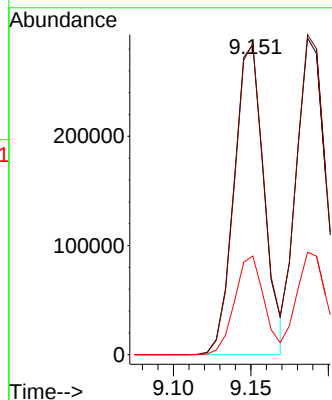
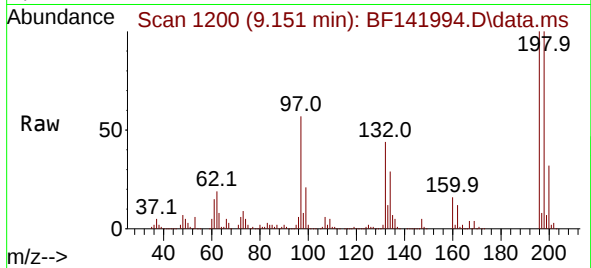




#43
2,4,6-Trichlorophenol
Concen: 39.744 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

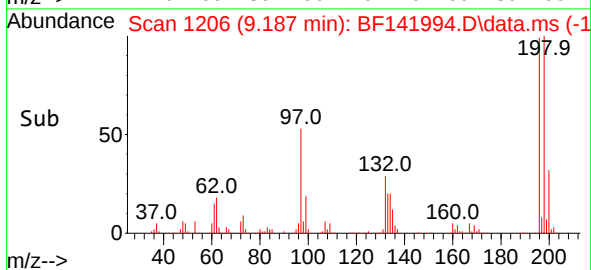
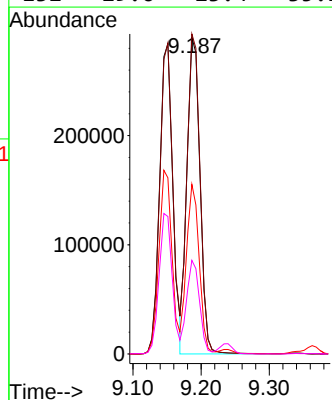
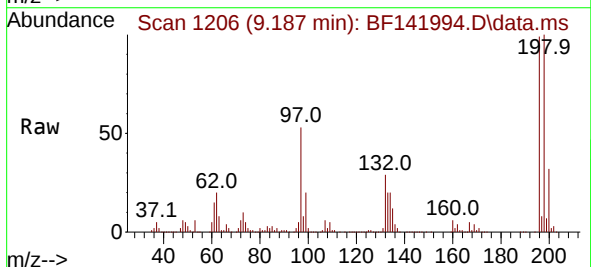
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

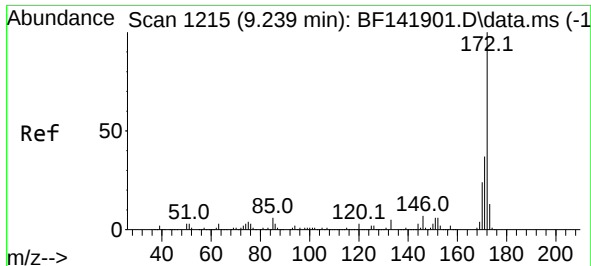
Tgt Ion:196 Resp: 380905
Ion Ratio Lower Upper
196 100
198 100.2 80.6 121.0
200 31.8 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 39.608 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:196 Resp: 384465
Ion Ratio Lower Upper
196 100
198 101.1 80.7 121.1
97 53.6 42.1 63.1
132 29.6 23.4 35.2

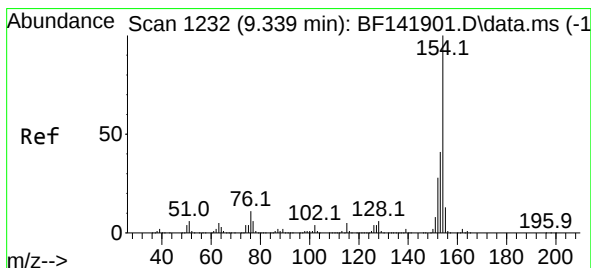
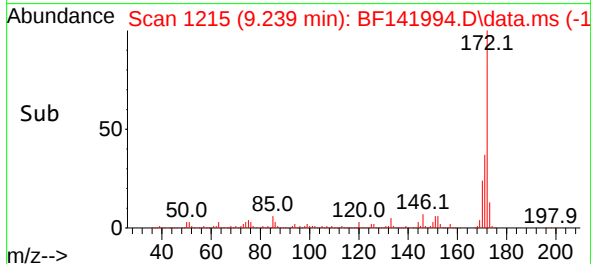
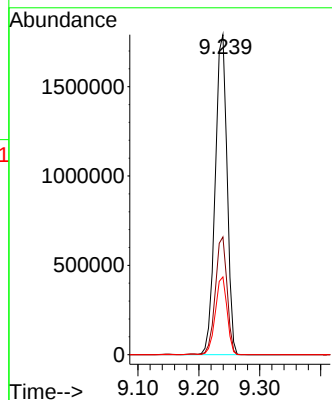
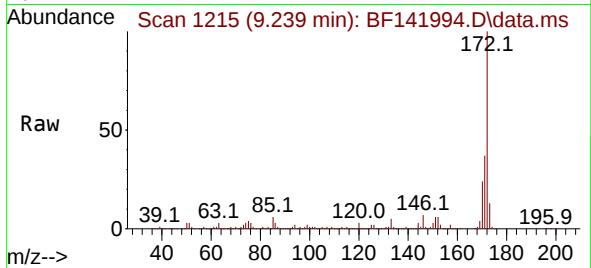




#45
2-Fluorobiphenyl
Concen: 76.752 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

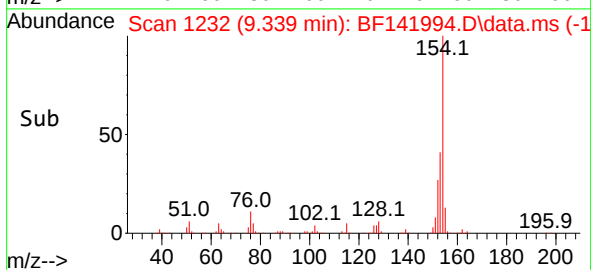
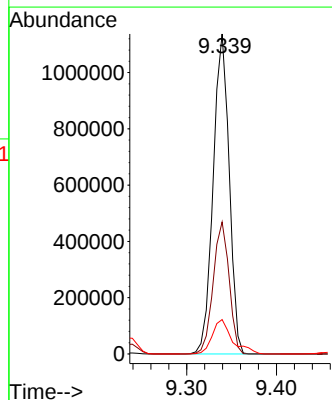
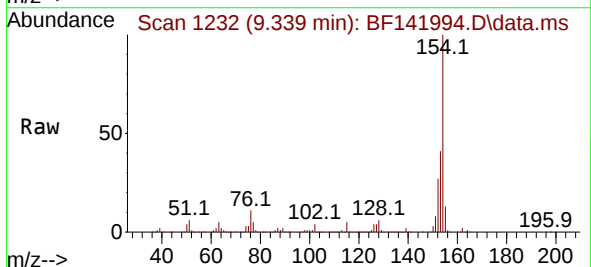
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

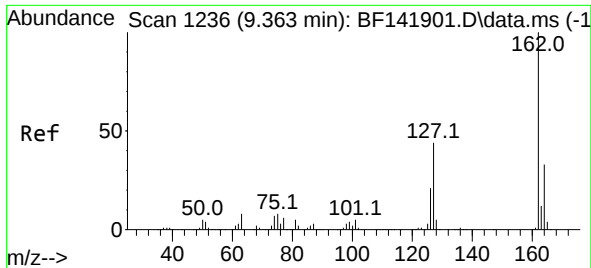
Tgt Ion:172 Resp: 2430888
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.3 19.4 29.0



#46
1,1'-Biphenyl
Concen: 38.496 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:154 Resp: 1408867
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 10.8 0.0 31.3





#47

2-Chloronaphthalene

Concen: 38.659 ng

RT: 9.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

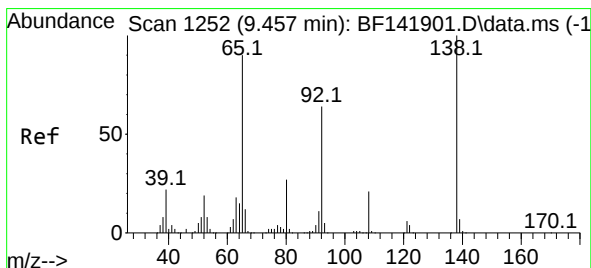
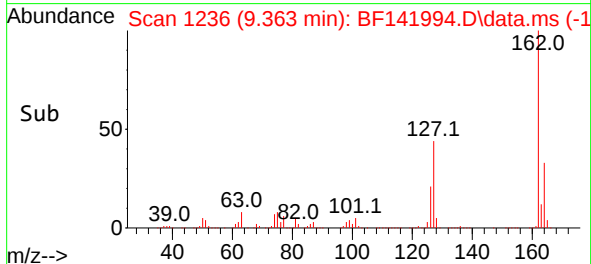
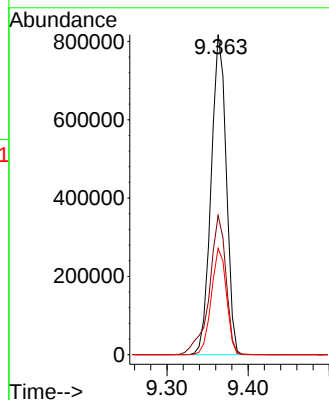
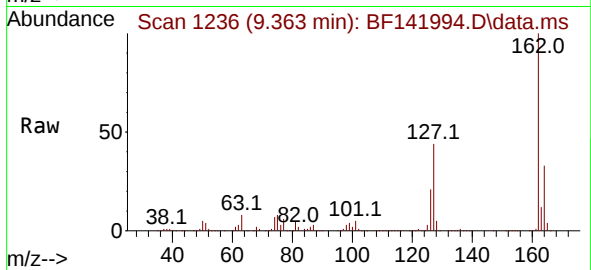
Tgt Ion:162 Resp: 1054546

Ion Ratio Lower Upper

162 100

127 43.5 35.5 53.3

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 37.836 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

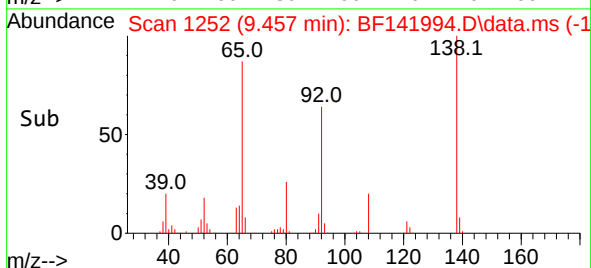
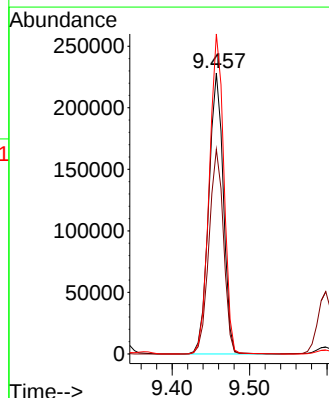
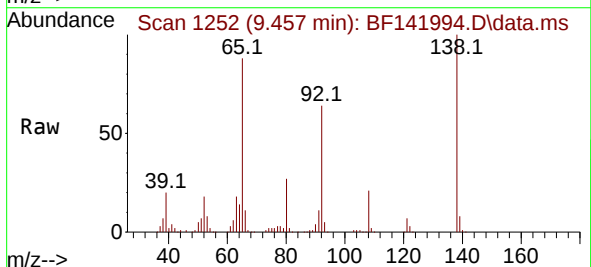
Tgt Ion: 65 Resp: 298838

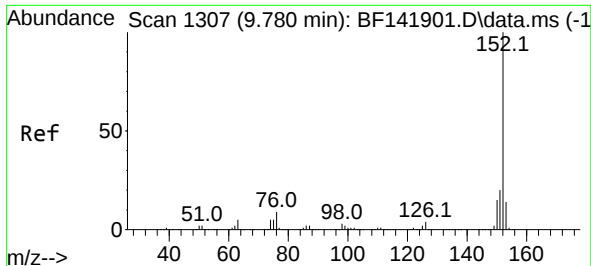
Ion Ratio Lower Upper

65 100

92 72.9 56.6 84.8

138 113.9 88.6 133.0

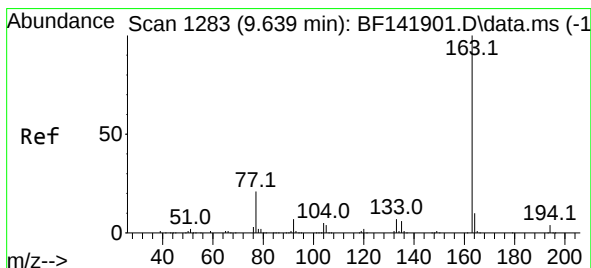
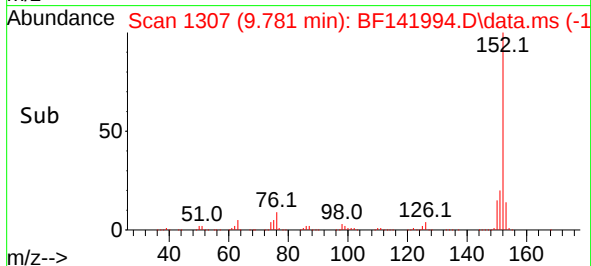
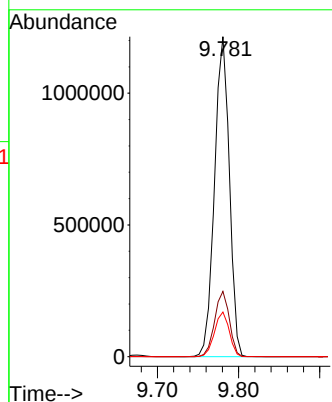
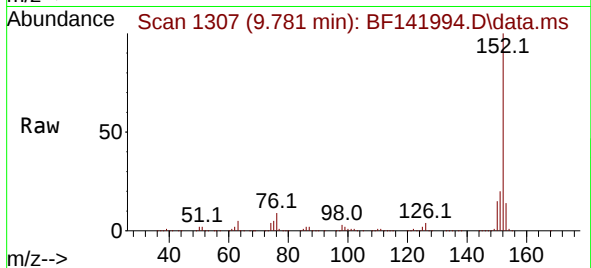




#49
Acenaphthylene
Concen: 38.061 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

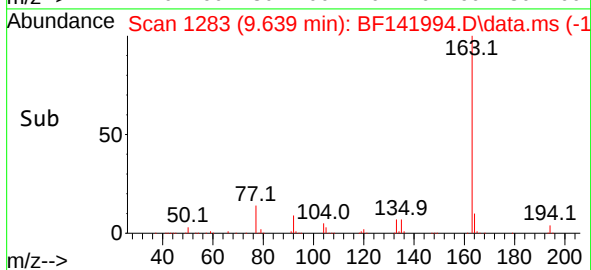
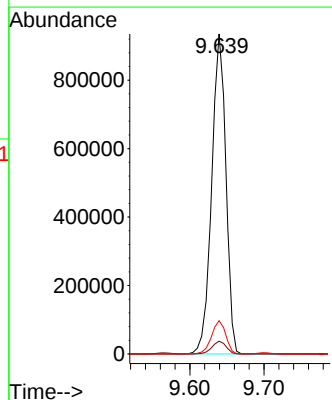
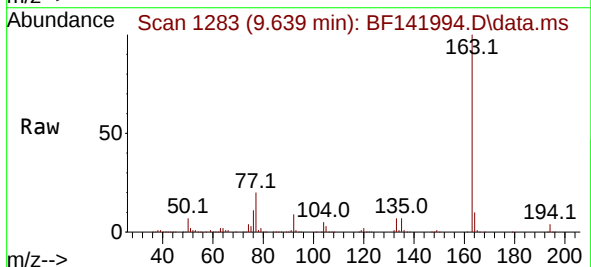
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

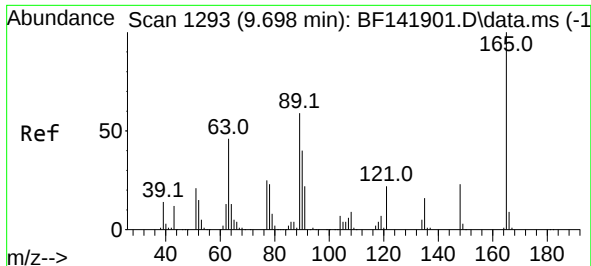
Tgt Ion:152 Resp: 1540693
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 36.846 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:163 Resp: 1242811
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.4

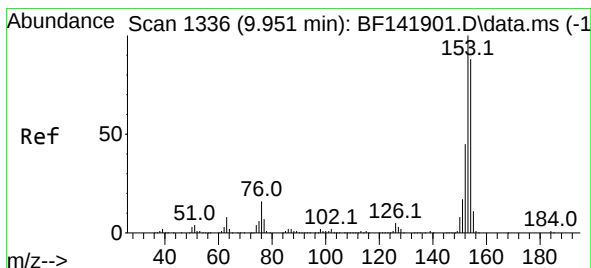
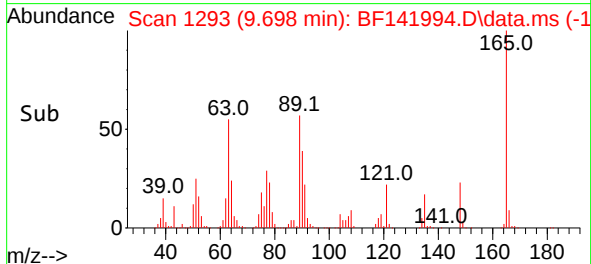
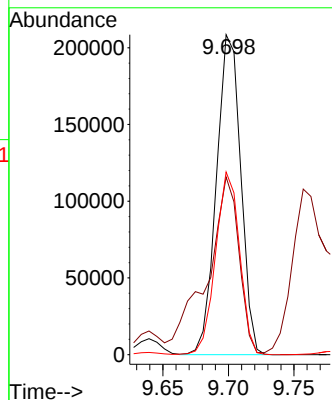
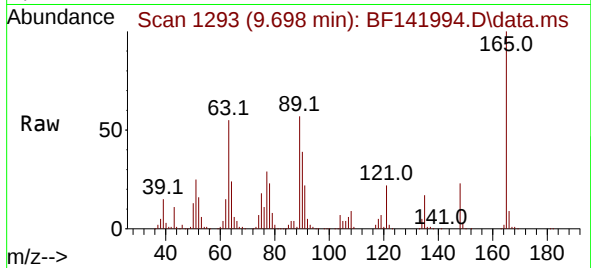




#51
2,6-Dinitrotoluene
Concen: 38.350 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

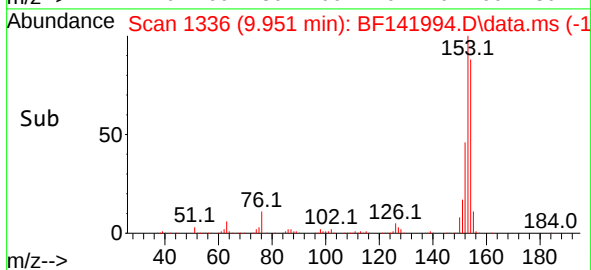
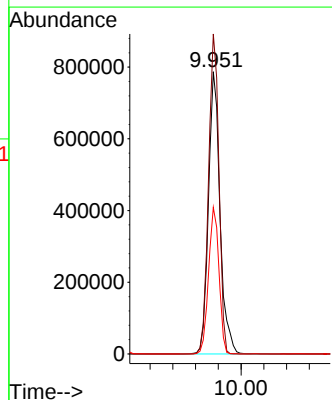
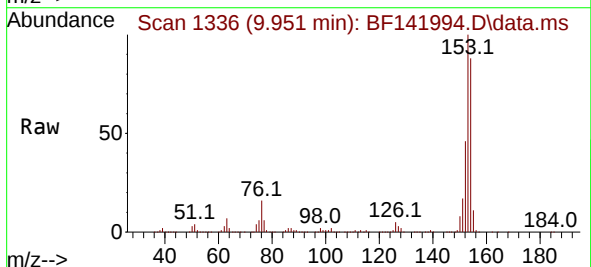
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

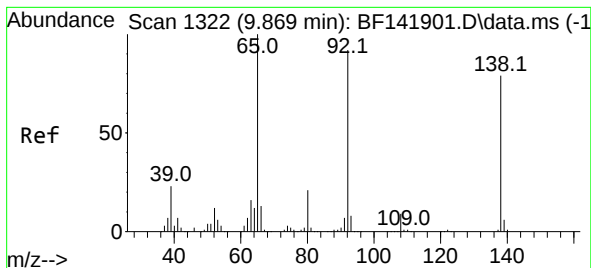
Tgt Ion:165 Resp: 269332
Ion Ratio Lower Upper
165 100
63 55.5 47.0 70.4
89 57.1 47.4 71.2



#52
Acenaphthene
Concen: 38.848 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:154 Resp: 1105127
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 51.9 41.1 61.7





#53

3-Nitroaniline

Concen: 36.895 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

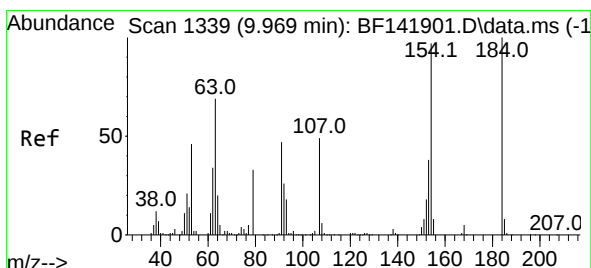
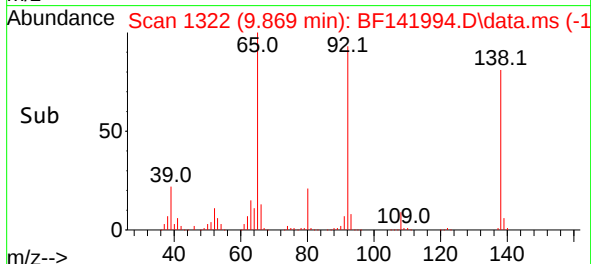
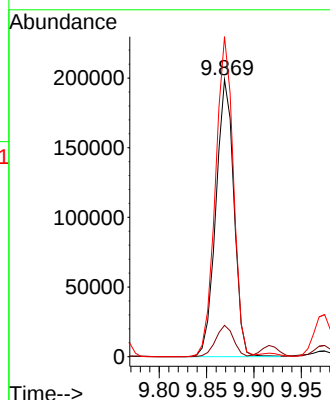
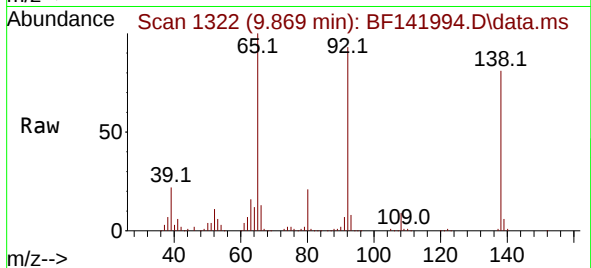
Tgt Ion:138 Resp: 262837

Ion Ratio Lower Upper

138 100

108 11.3 9.3 13.9

92 115.5 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 43.339 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

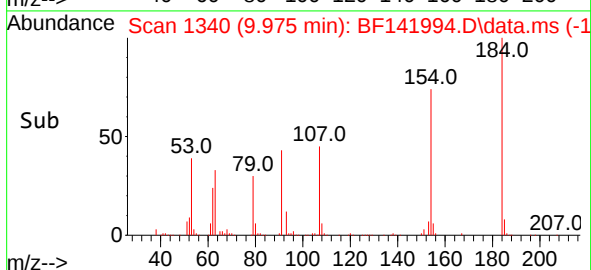
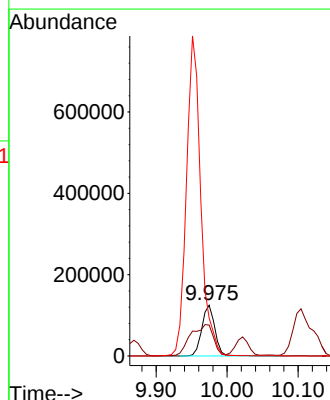
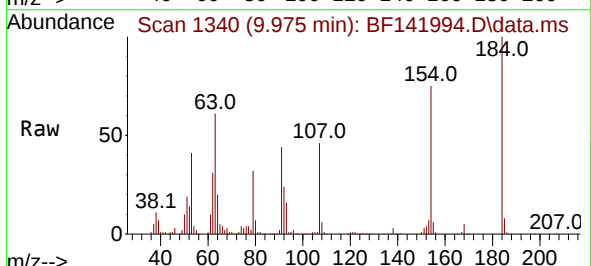
Tgt Ion:184 Resp: 159837

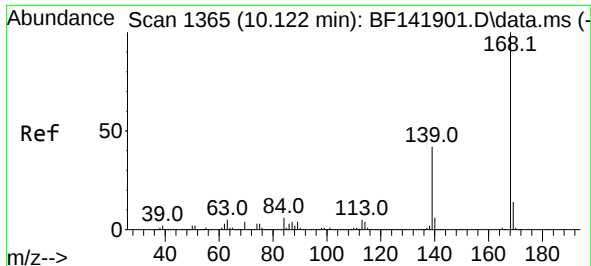
Ion Ratio Lower Upper

184 100

63 60.8 60.2 90.4

154 74.7 132.9 199.3#

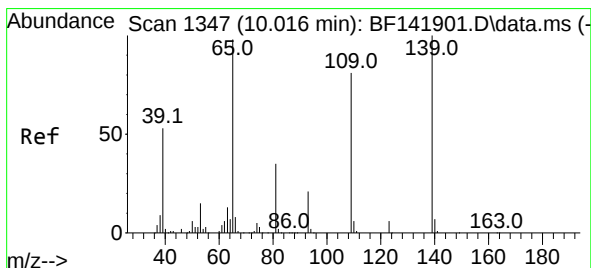
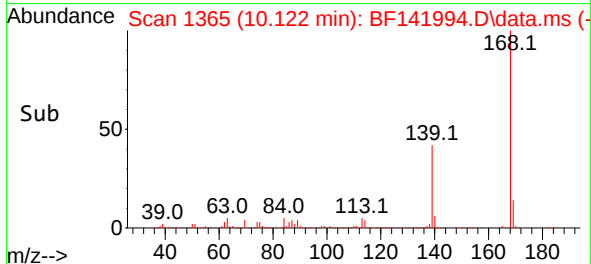
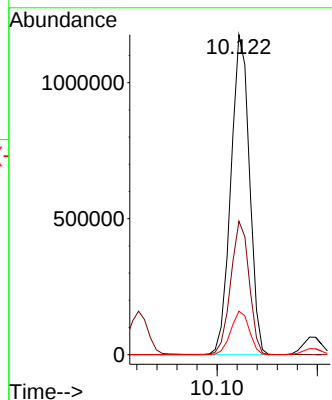
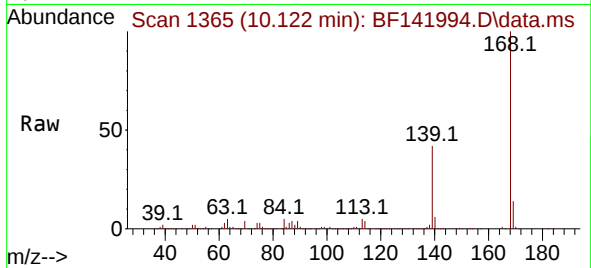




#55
Dibenzofuran
Concen: 37.335 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

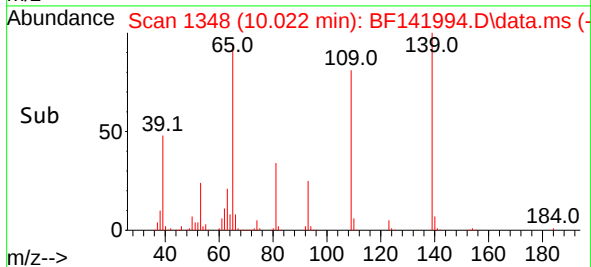
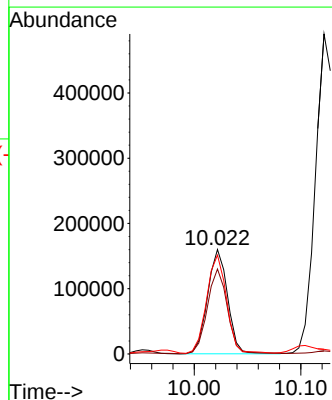
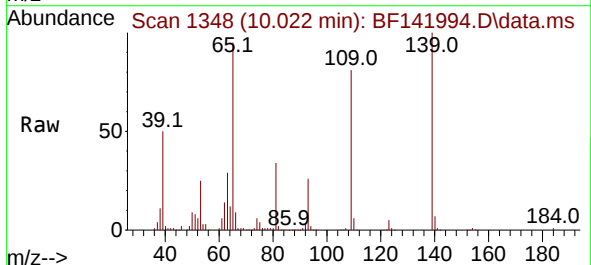
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

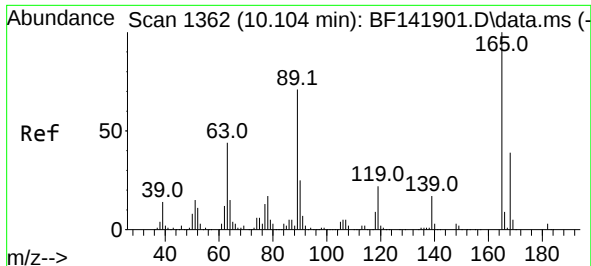
Tgt Ion:168 Resp: 1517598
Ion Ratio Lower Upper
168 100
139 41.7 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 39.017 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:139 Resp: 209611
Ion Ratio Lower Upper
139 100
109 81.2 61.6 101.6
65 94.6 79.4 119.4

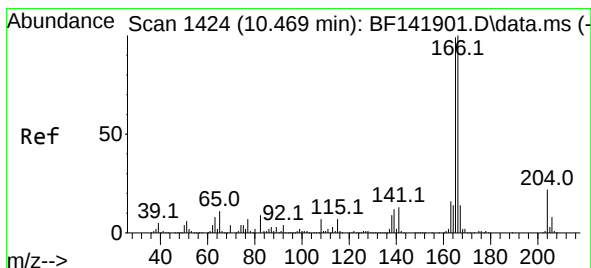
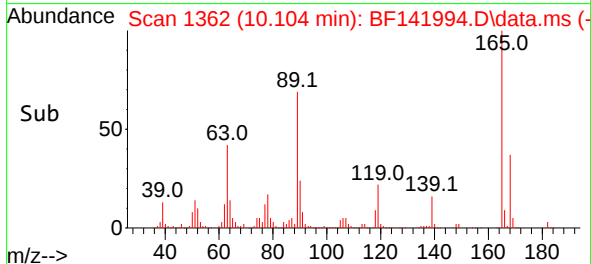
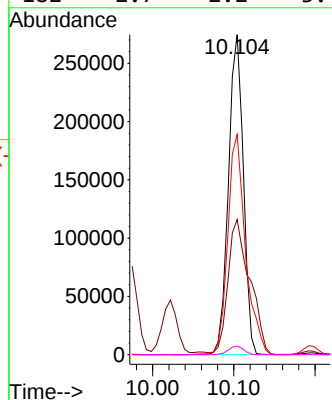
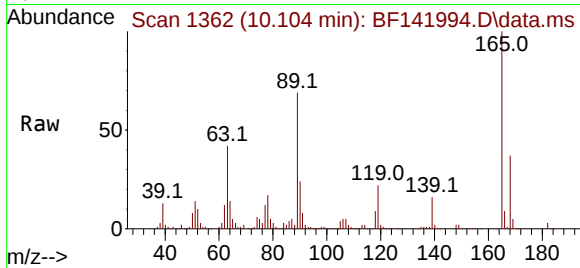




#57
2,4-Dinitrotoluene
Concen: 38.180 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

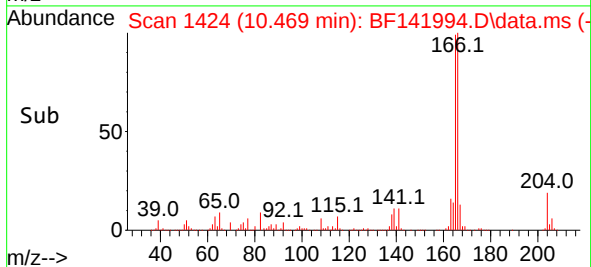
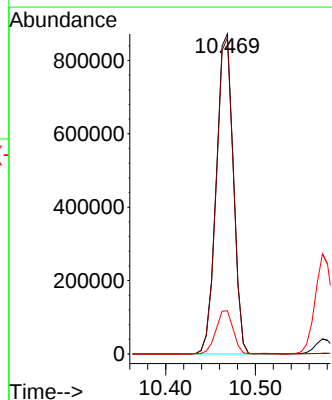
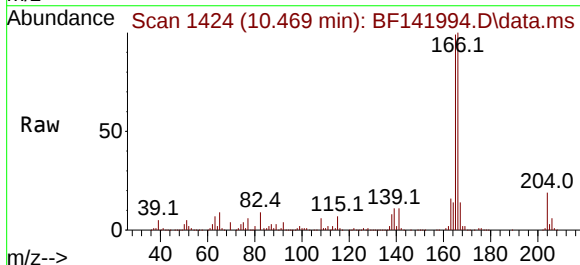
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

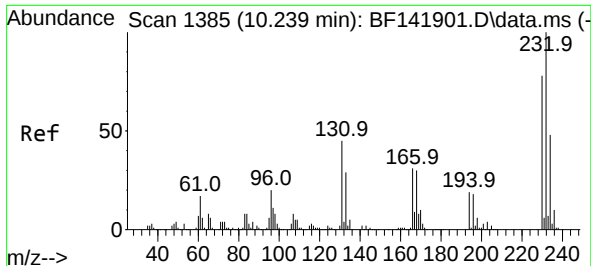
Tgt Ion:165 Resp: 350210
Ion Ratio Lower Upper
165 100
63 42.2 35.4 53.2
89 68.8 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 36.643 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:166 Resp: 1148628
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.4
167 13.5 11.0 16.4

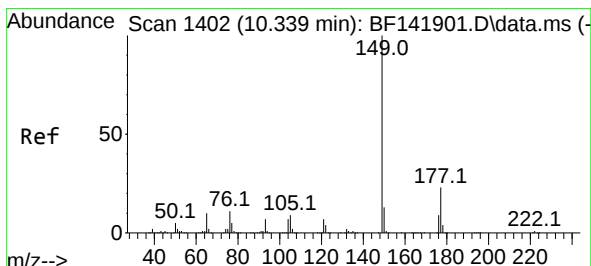
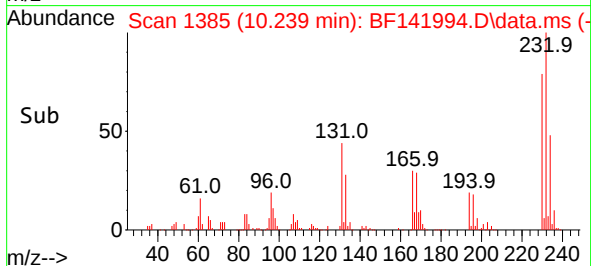
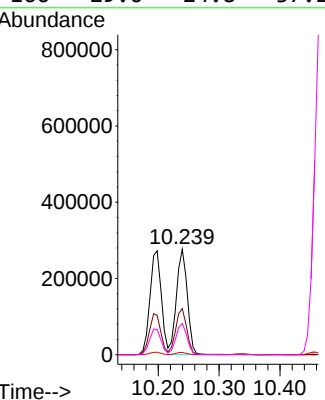
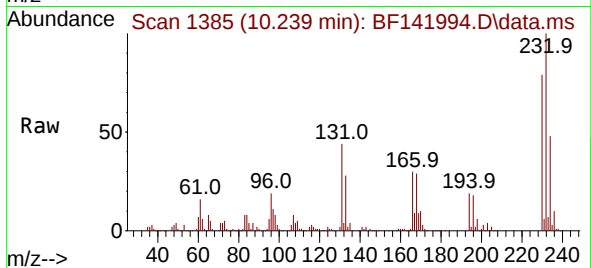




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.874 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

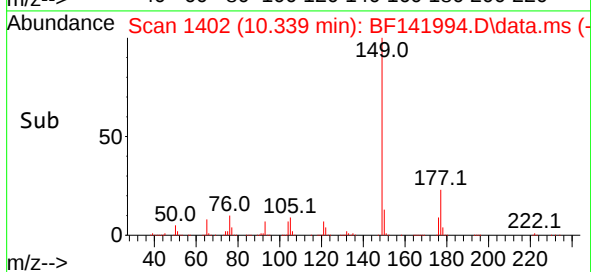
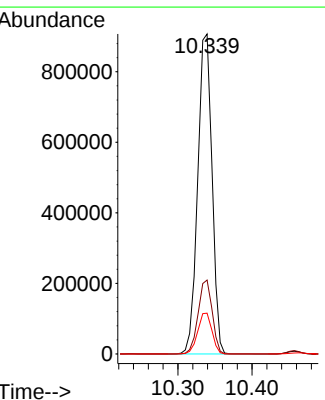
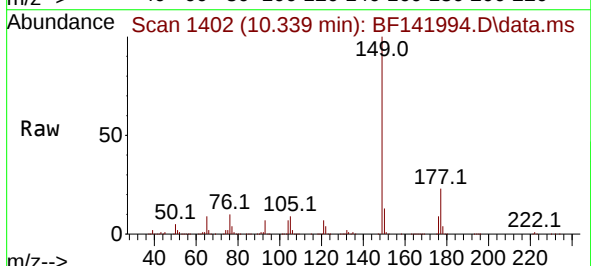
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

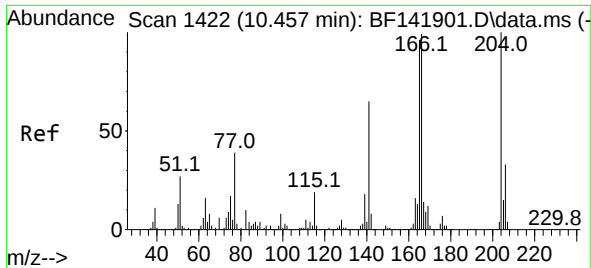
Tgt Ion:232 Resp: 343368
Ion Ratio Lower Upper
232 100
131 44.3 37.3 55.9
130 2.2 1.9 2.9
166 29.6 24.8 37.2



#60
Diethylphthalate
Concen: 36.095 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:149 Resp: 1213997
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.7 10.2 15.4

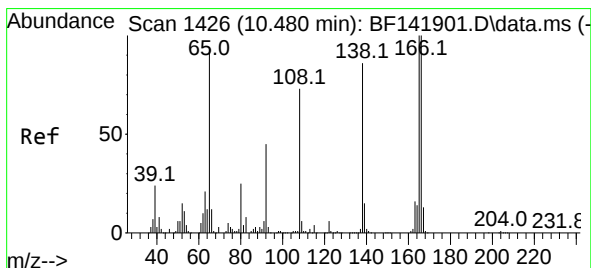
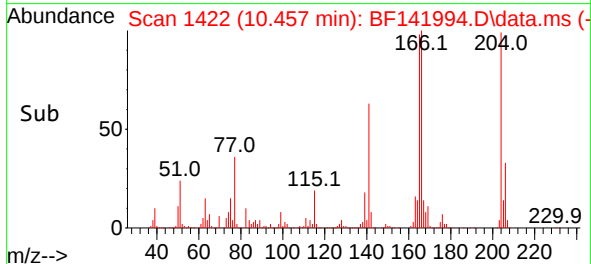
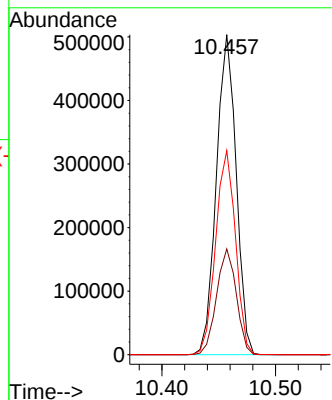
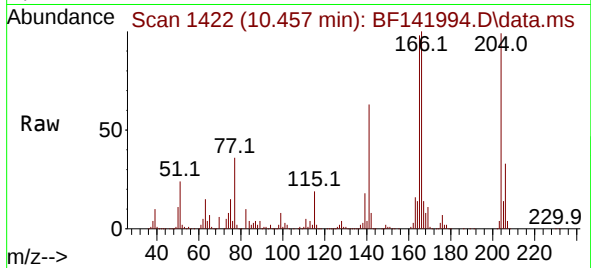




#61
4-Chlorophenyl-phenylether
Concen: 37.374 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

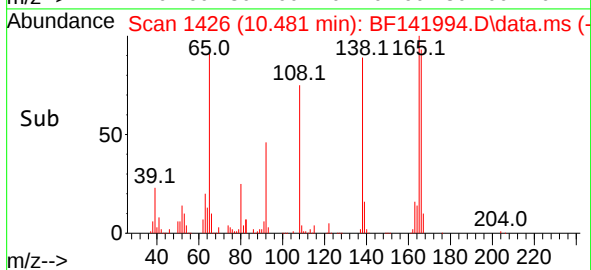
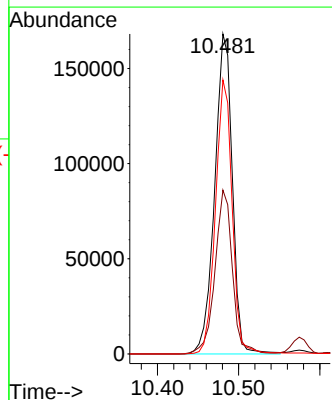
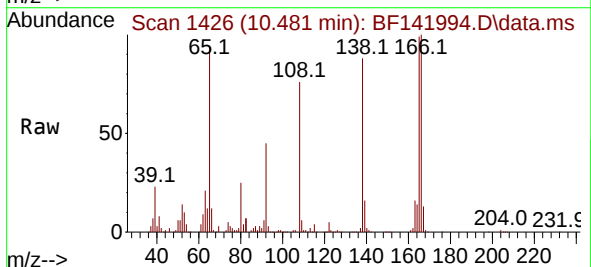
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

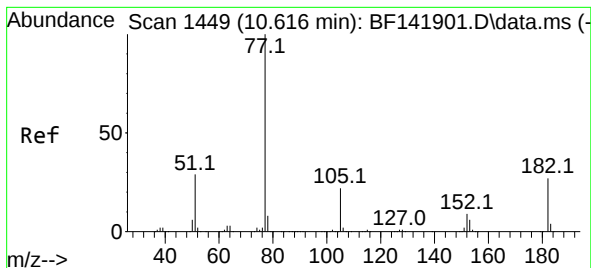
Tgt Ion:204 Resp: 610782
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 63.8 52.4 78.6



#62
4-Nitroaniline
Concen: 36.632 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:138 Resp: 254062
Ion Ratio Lower Upper
138 100
92 51.2 32.6 72.6
108 85.6 65.0 105.0





#63

Azobenzene

Concen: 35.814 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1119869

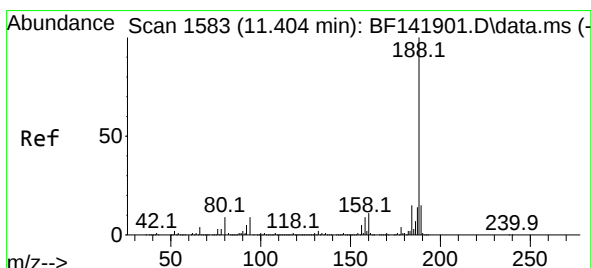
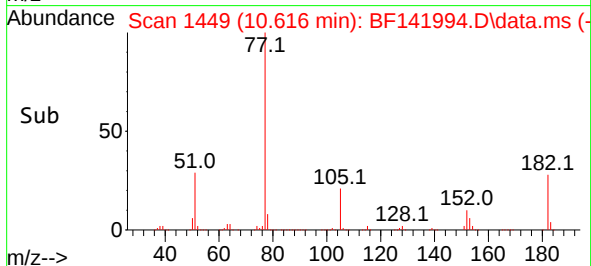
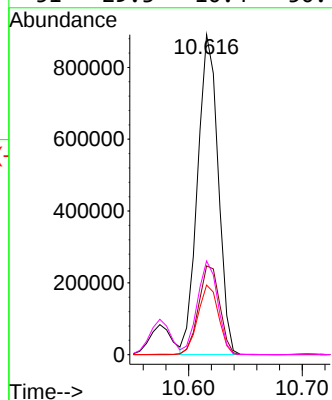
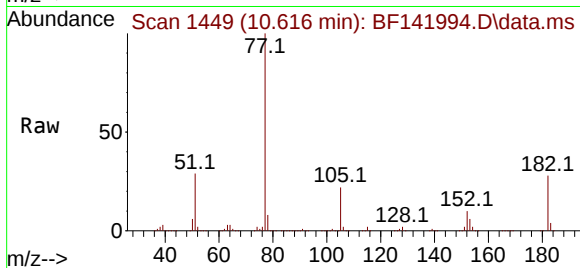
Ion Ratio Lower Upper

77 100

182 27.8 6.6 46.6

105 21.7 1.3 41.3

51 29.3 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

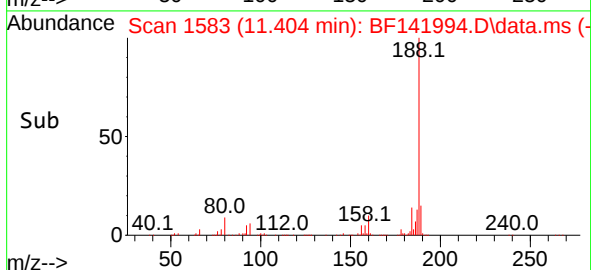
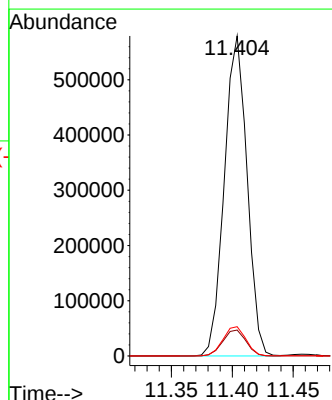
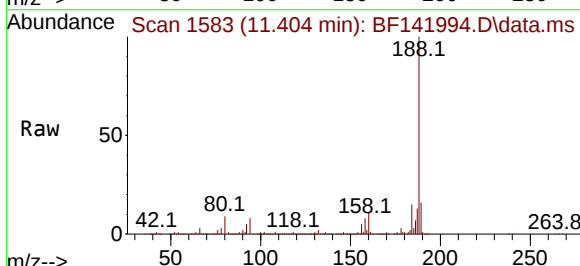
Tgt Ion: 188 Resp: 753053

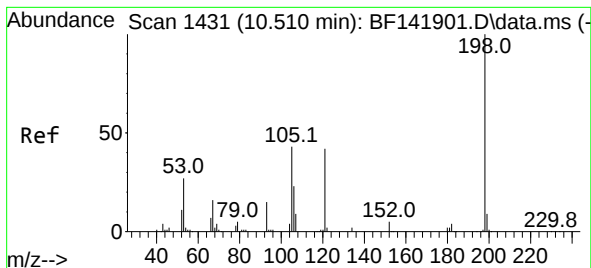
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 9.1 7.6 11.4

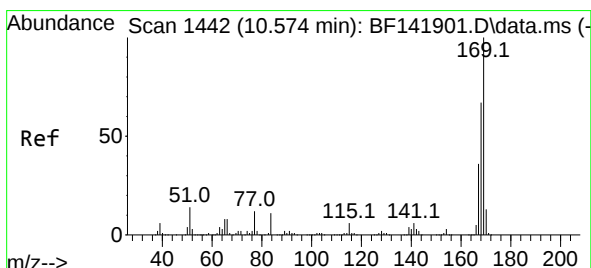
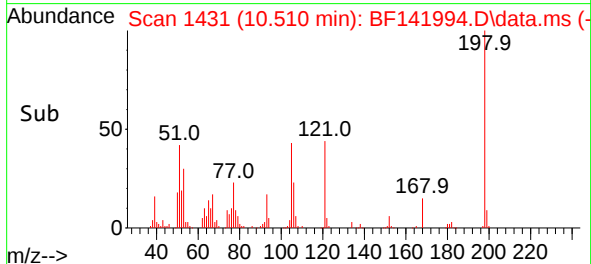
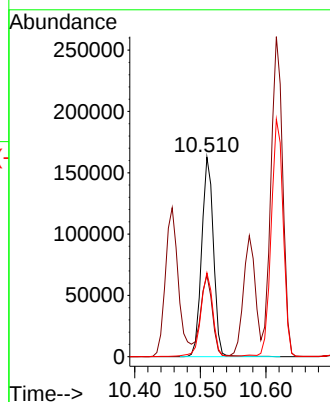
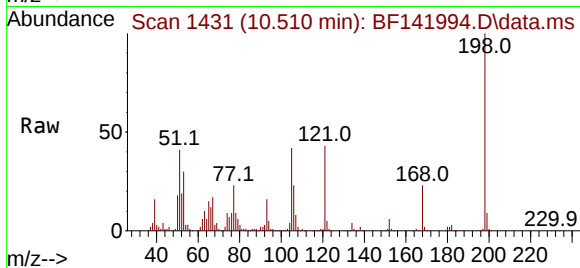




#65
4,6-Dinitro-2-methylphenol
Concen: 45.411 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

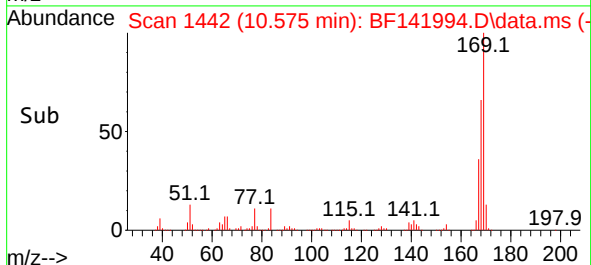
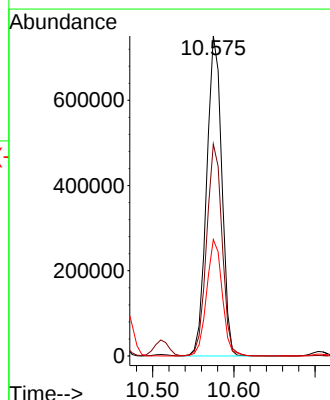
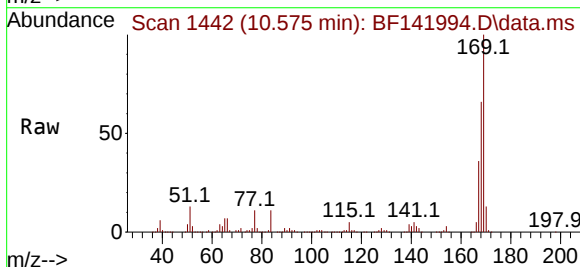
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

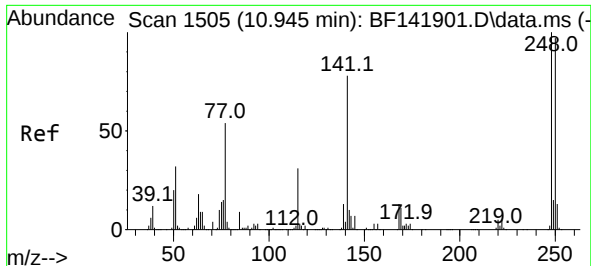
Tgt Ion:198 Resp: 203861
Ion Ratio Lower Upper
198 100
51 40.8 22.3 62.3
105 42.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 39.770 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:169 Resp: 969171
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.3 29.2 43.8

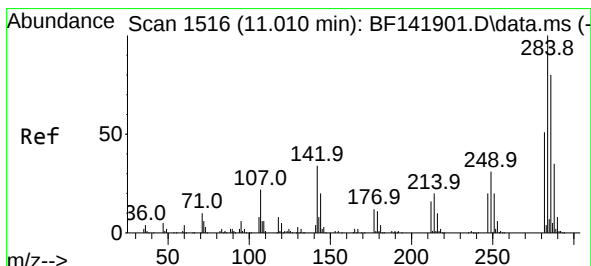
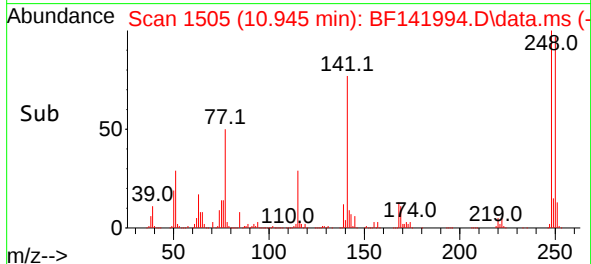
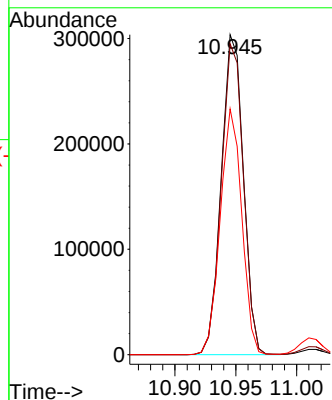
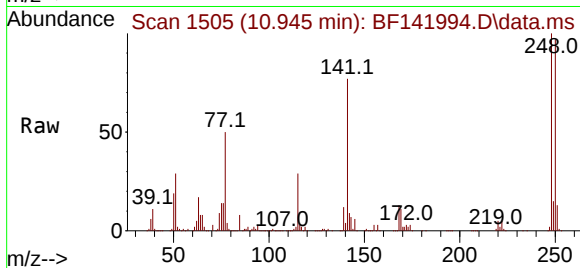




#67
4-Bromophenyl-phenylether
Concen: 40.653 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

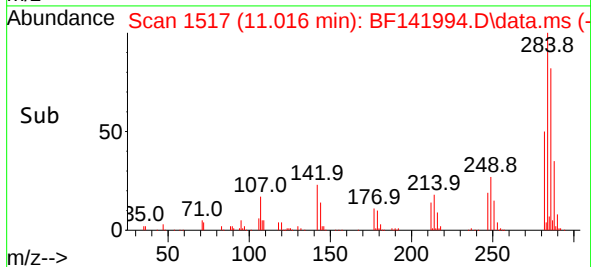
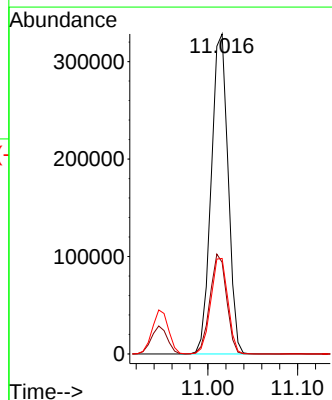
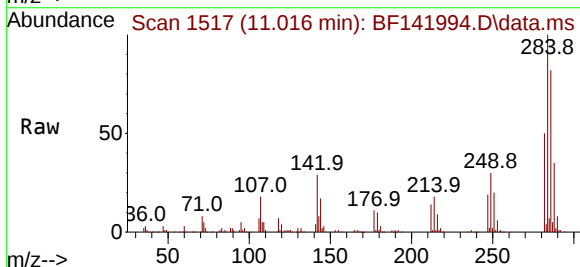
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

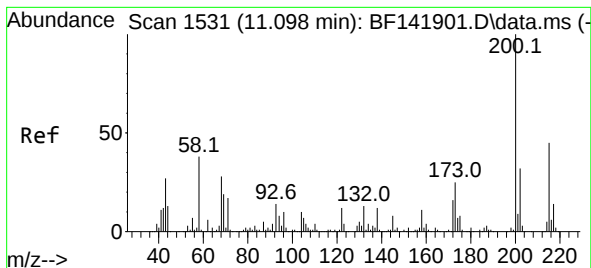
Tgt Ion:248 Resp: 384478
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 76.8 62.6 93.8



#68
Hexachlorobenzene
Concen: 41.181 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:284 Resp: 427155
Ion Ratio Lower Upper
284 100
142 28.6 27.0 40.6
249 29.9 25.2 37.8





#69

Atrazine

Concen: 33.111 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

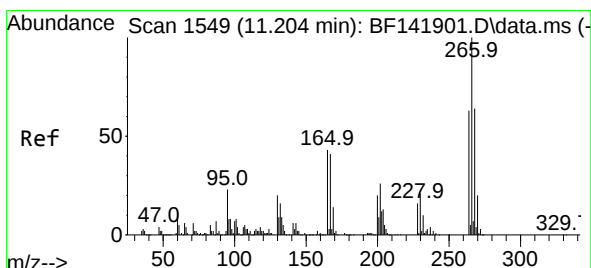
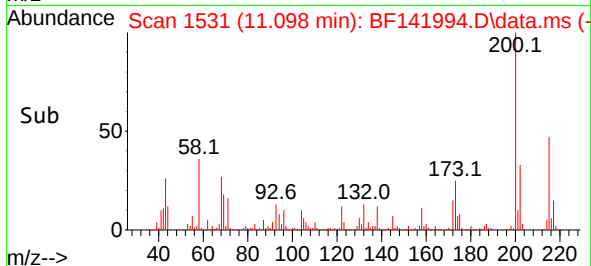
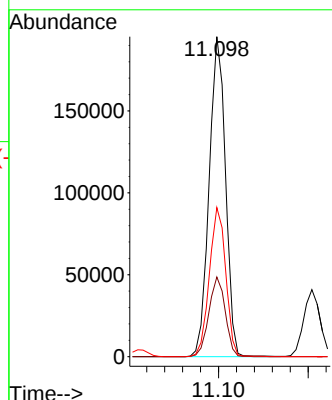
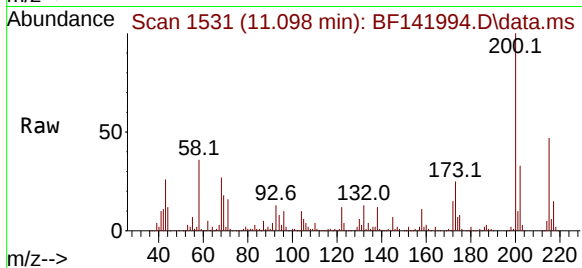
Tgt Ion:200 Resp: 247359

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.6 25.4 65.4



#70

Pentachlorophenol

Concen: 42.469 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

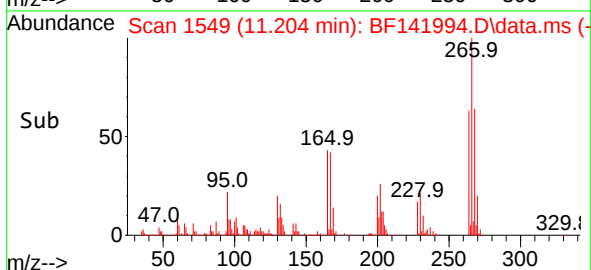
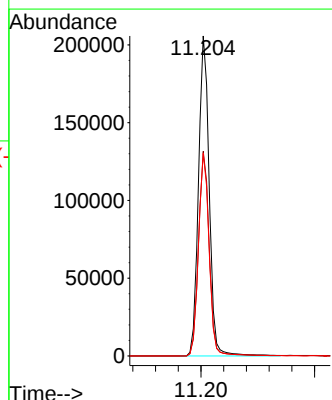
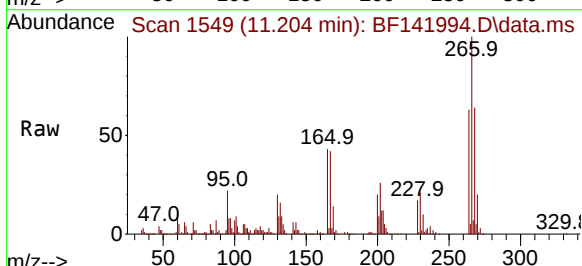
Tgt Ion:266 Resp: 271416

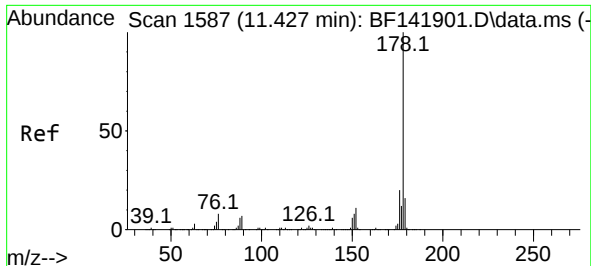
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.4 50.2 75.2

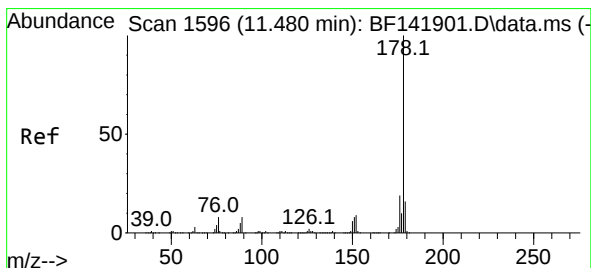
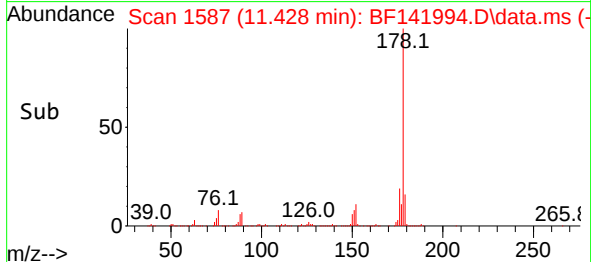
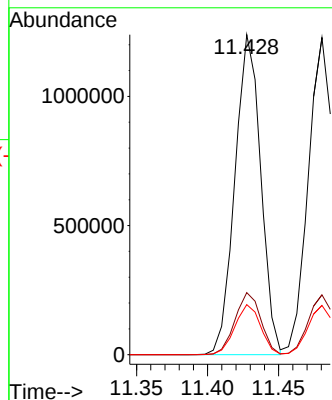
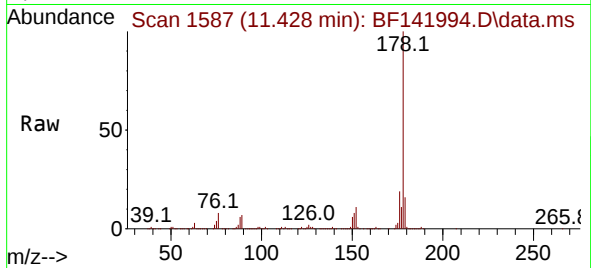




#71
Phenanthrene
Concen: 38.531 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

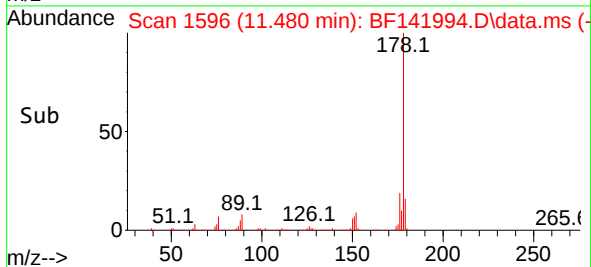
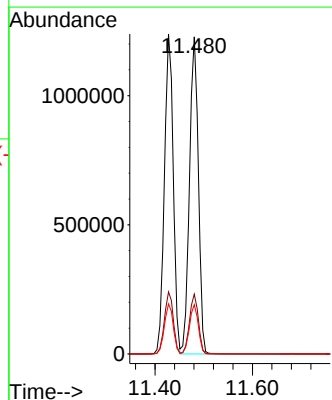
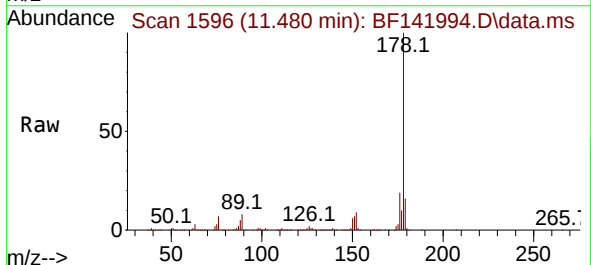
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

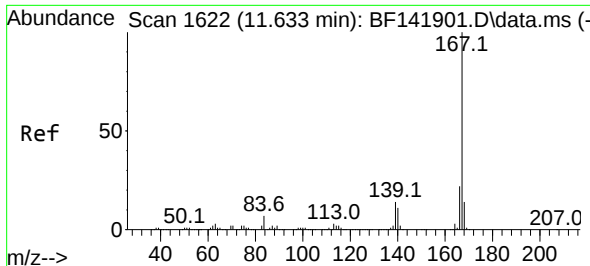
Tgt Ion:178 Resp: 1567239
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 37.946 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:178 Resp: 1548481
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.6 19.0

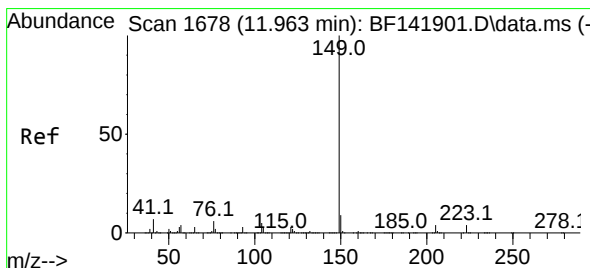
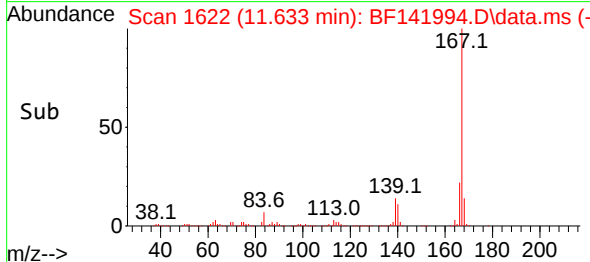
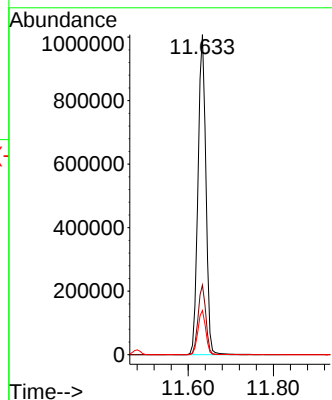
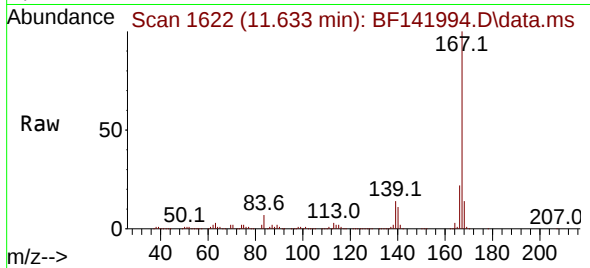




#73
 Carbazole
 Concen: 36.745 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

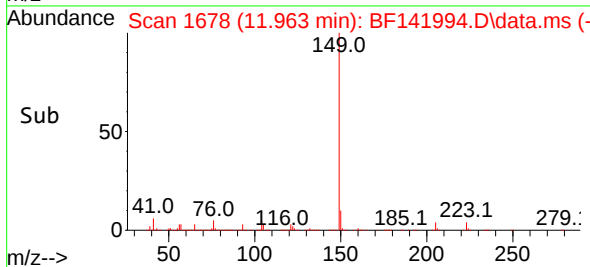
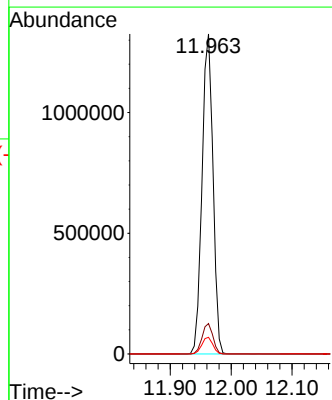
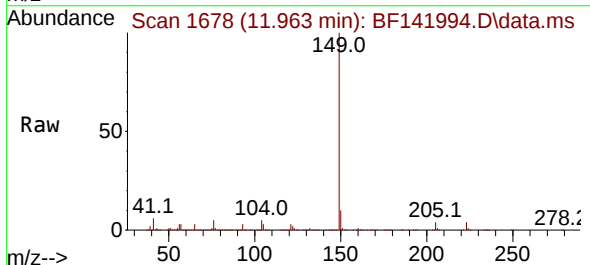
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

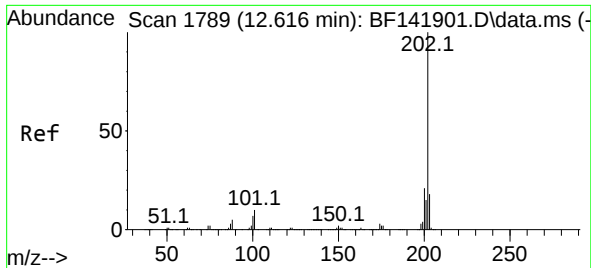
Tgt Ion:167 Resp: 1293169
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 35.428 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141994.D
 Acq: 18 Mar 2025 14:30

Tgt Ion:149 Resp: 1654382
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.2 4.4 6.6

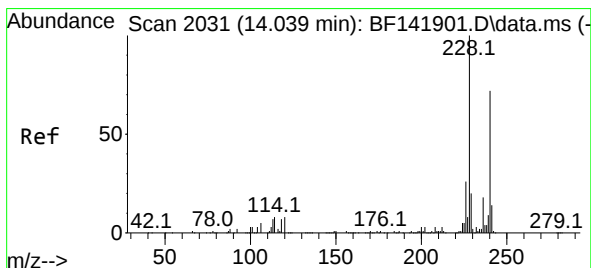
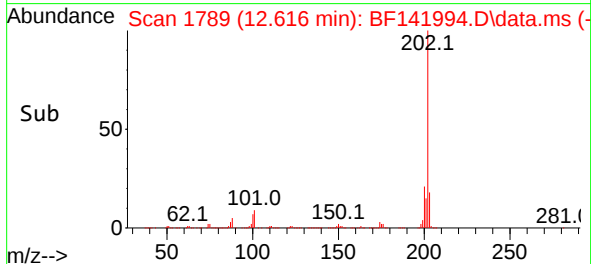
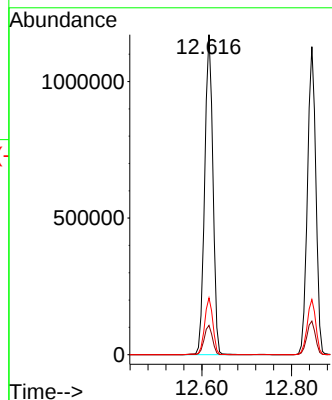
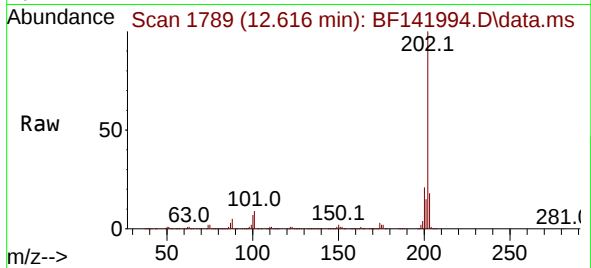




#75
Fluoranthene
Concen: 34.474 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

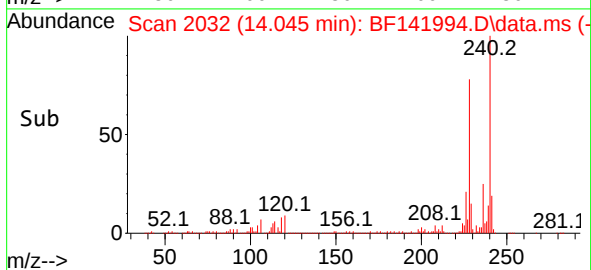
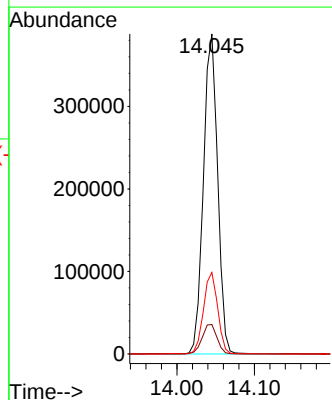
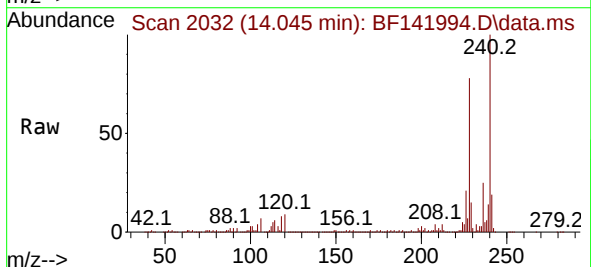
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

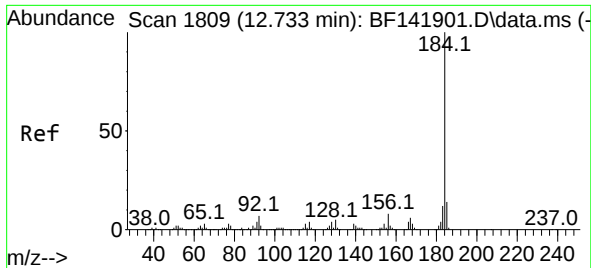
Tgt Ion:202 Resp: 1487447
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:240 Resp: 494707
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.5 20.5 30.7

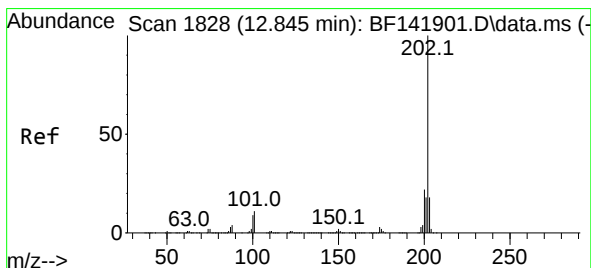
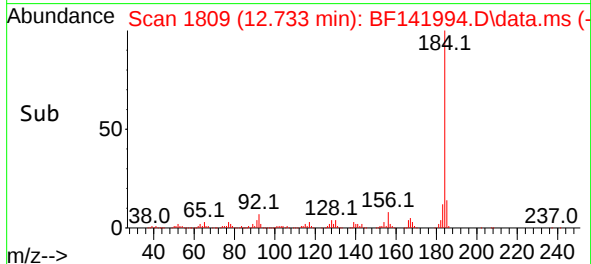
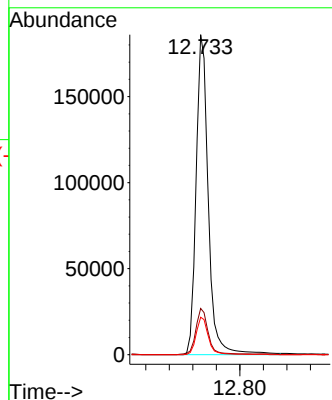
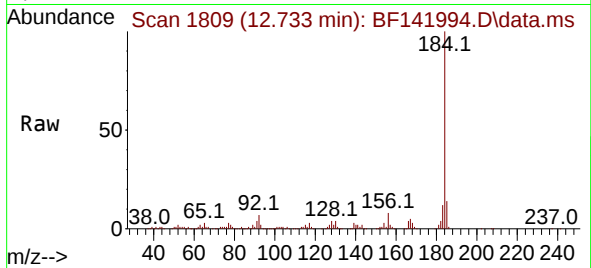




#77
Benzidine
Concen: 38.829 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

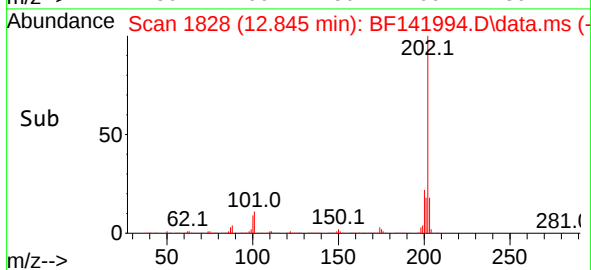
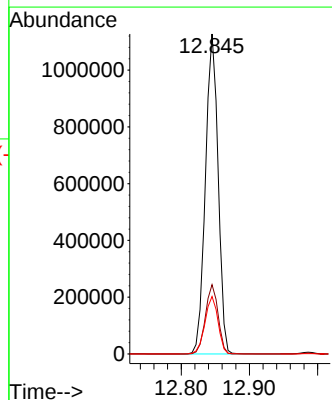
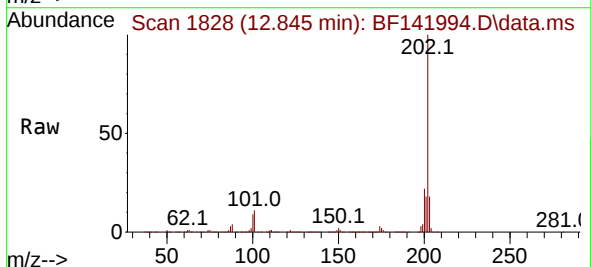
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

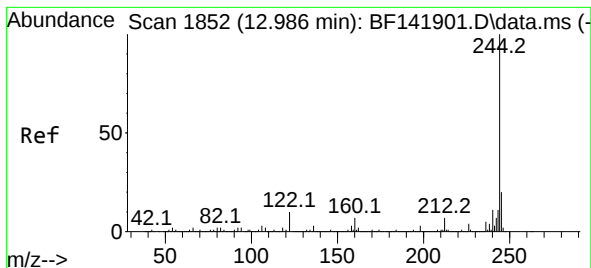
Tgt Ion:184 Resp: 268003
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.7 9.7 14.5



#78
Pyrene
Concen: 34.121 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:202 Resp: 1460125
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 68.295 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

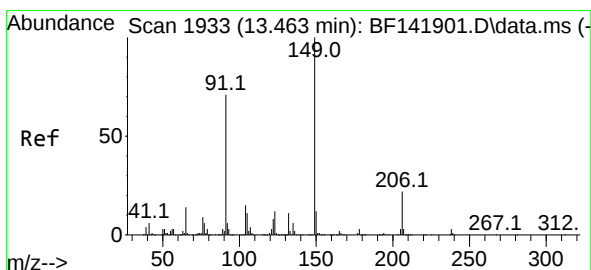
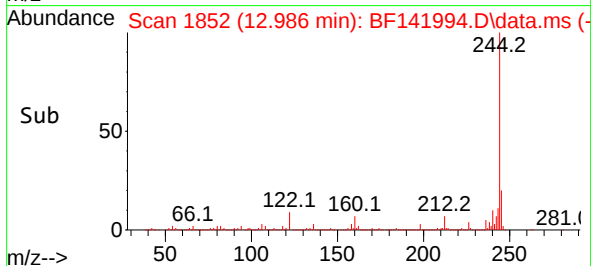
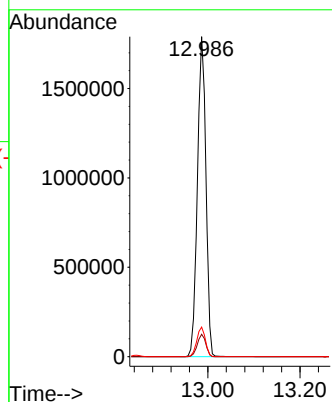
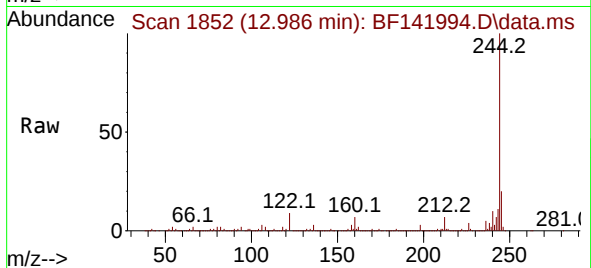
Tgt Ion:244 Resp: 2285237

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 34.910 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

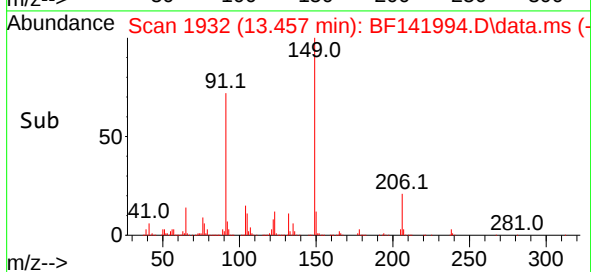
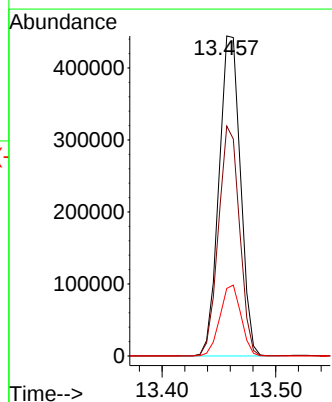
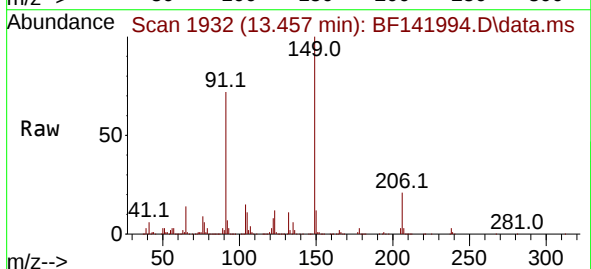
Tgt Ion:149 Resp: 584716

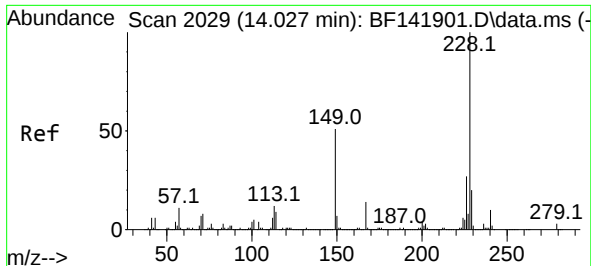
Ion Ratio Lower Upper

149 100

91 71.9 56.5 84.7

206 21.1 17.3 25.9

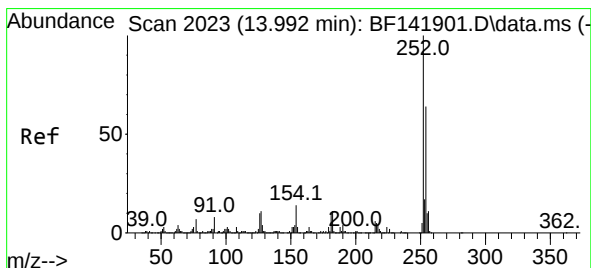
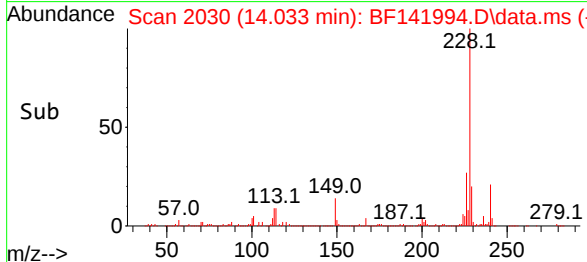
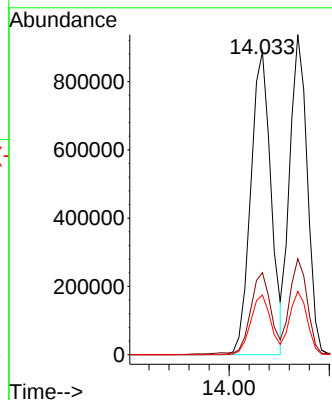
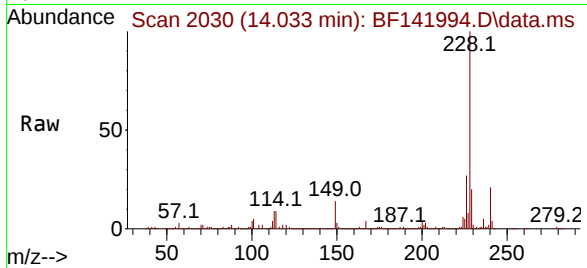




#81
Benzo(a)anthracene
Concen: 38.315 ng
RT: 14.033 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

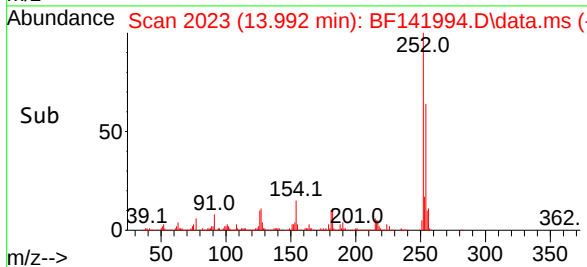
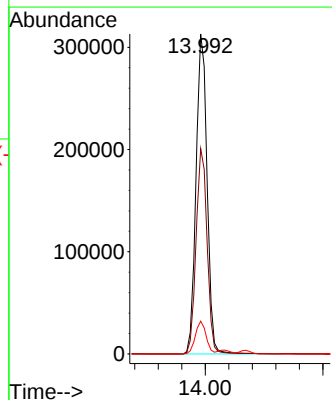
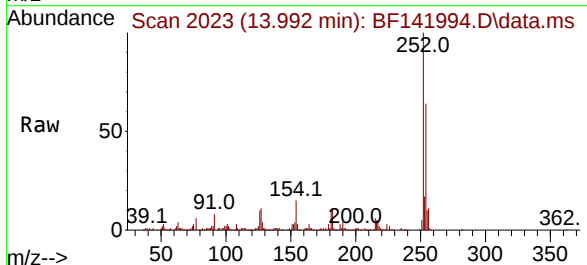
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

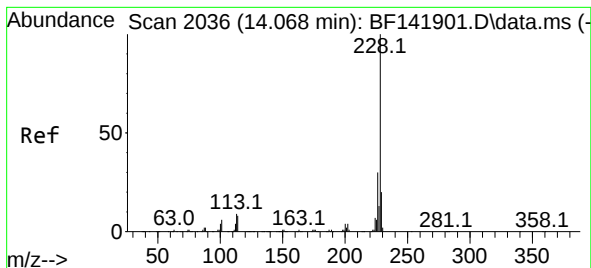
Tgt Ion:228 Resp: 1243808
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 43.496 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:252 Resp: 408051
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.6
126 10.3 8.4 12.6





#83

Chrysene

Concen: 38.748 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

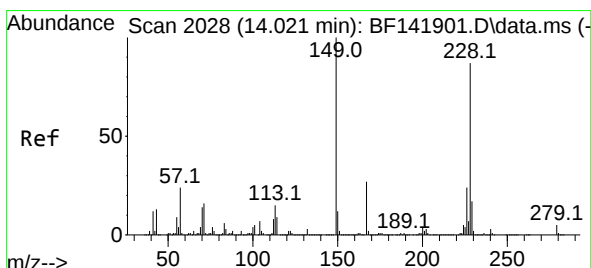
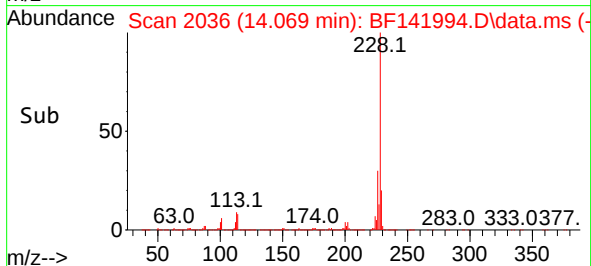
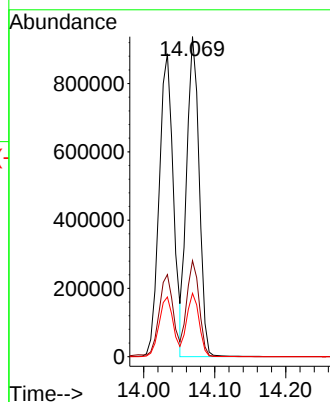
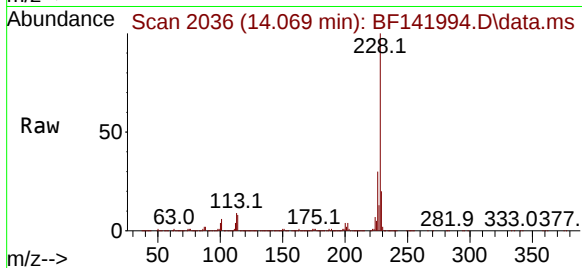
Tgt Ion:228 Resp: 1140228

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.815 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

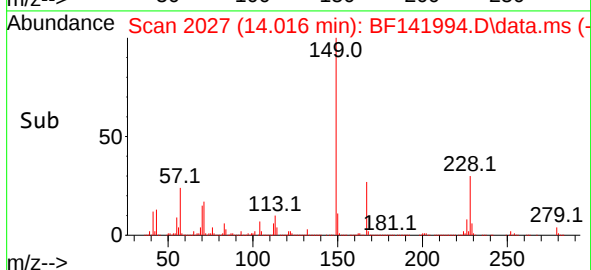
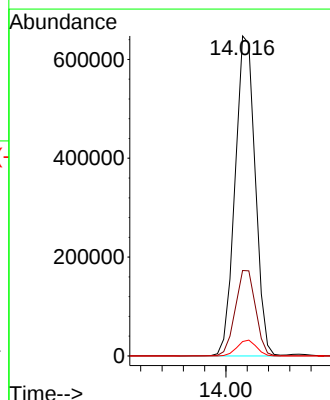
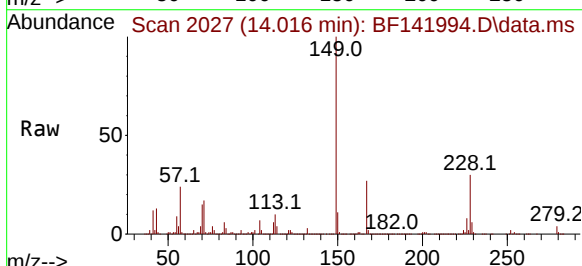
Tgt Ion:149 Resp: 850191

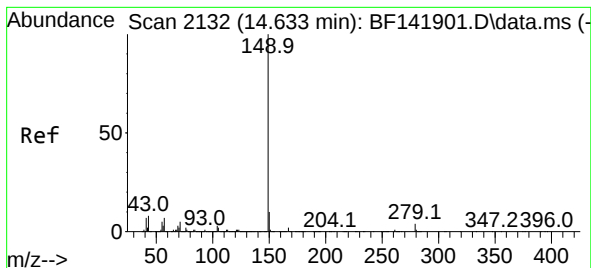
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.5 3.8 5.6

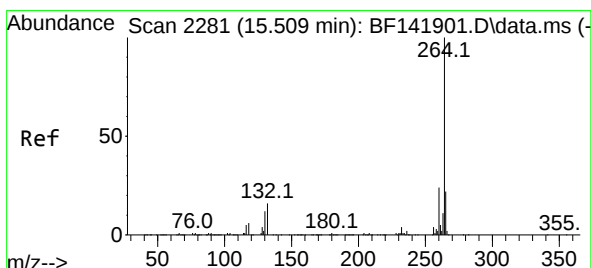
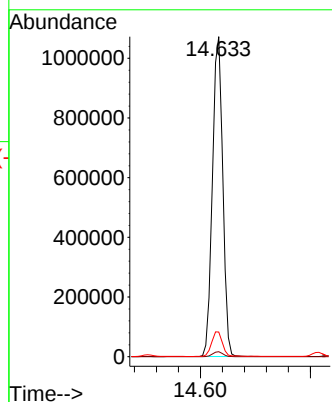
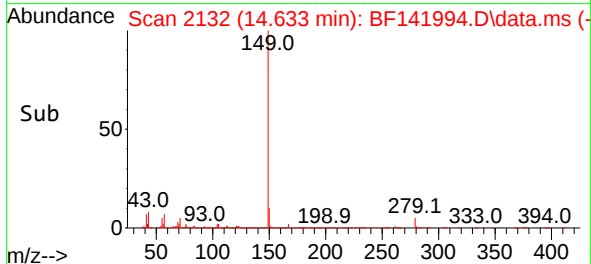
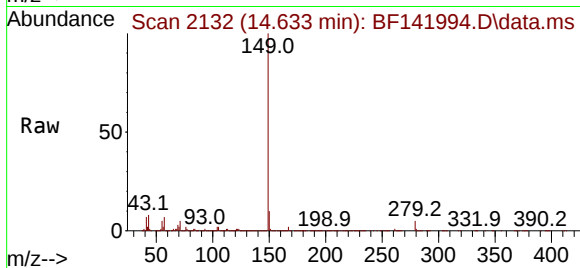




#85
Di-n-octyl phthalate
Concen: 43.530 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

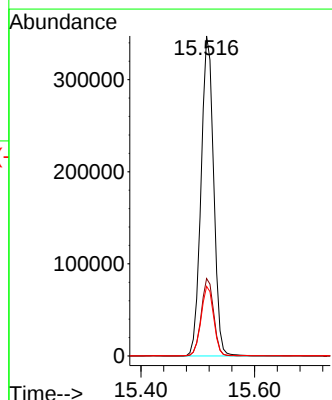
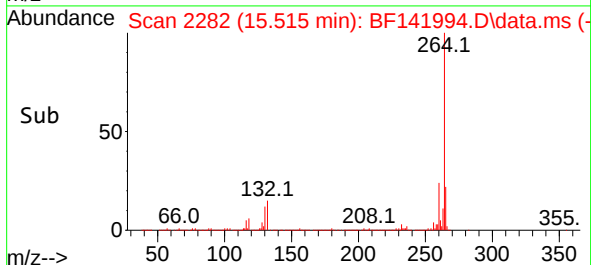
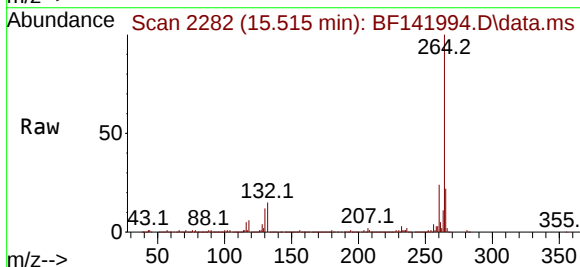
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

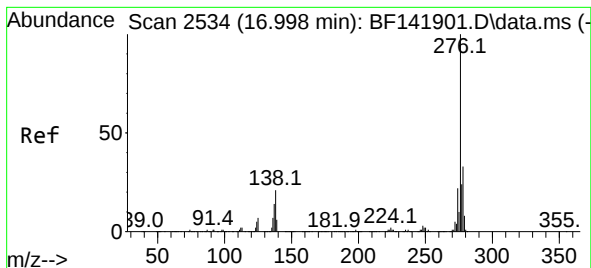
Tgt Ion:149 Resp: 1398724
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF141994.D
Acq: 18 Mar 2025 14:30

Tgt Ion:264 Resp: 535575
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.997 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

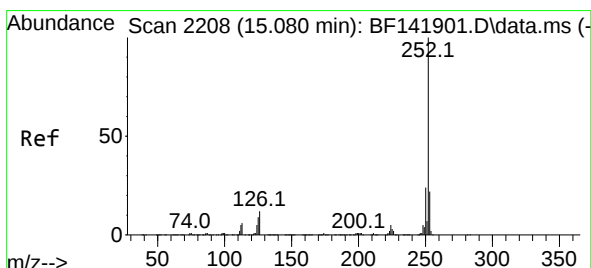
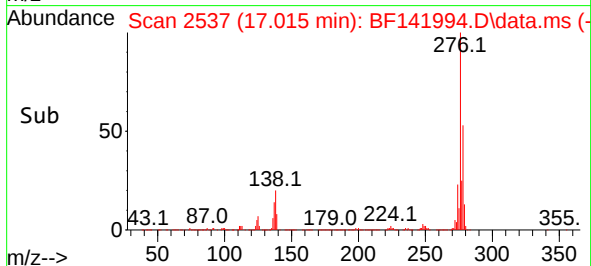
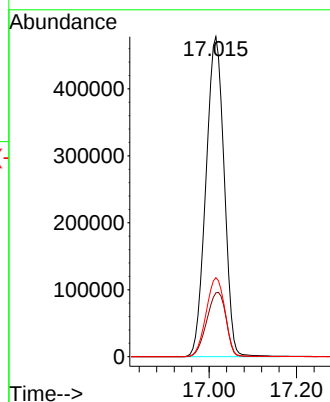
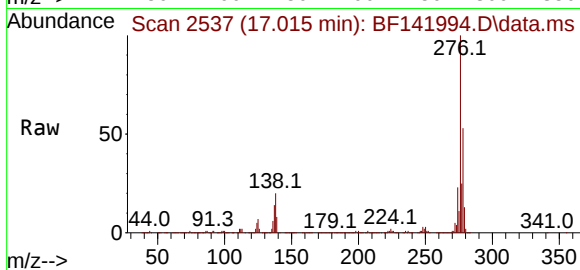
Tgt Ion:276 Resp: 1385704

Ion Ratio Lower Upper

276 100

138 21.4 18.4 27.6

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 34.071 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

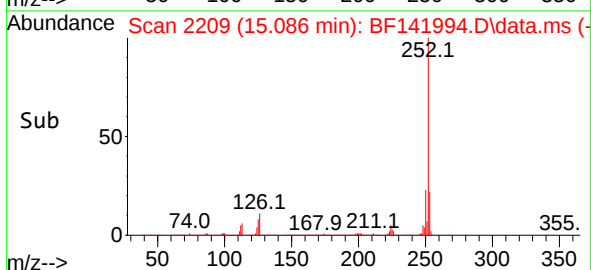
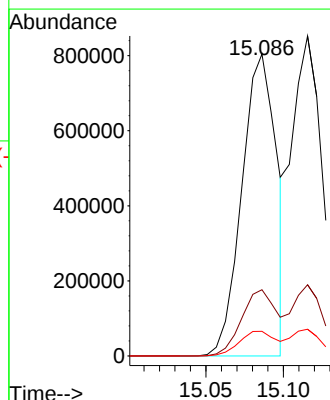
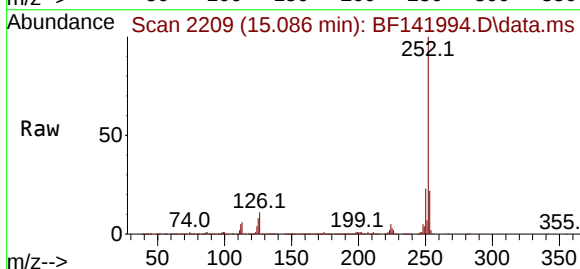
Tgt Ion:252 Resp: 1250628

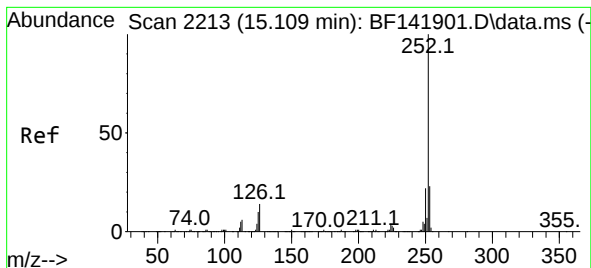
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 37.042 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

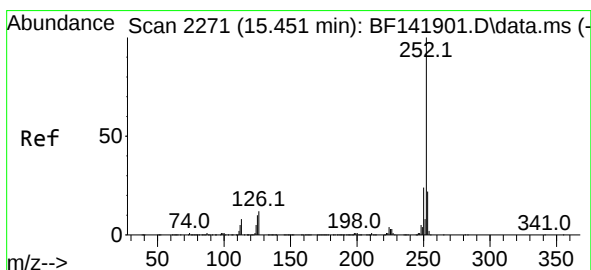
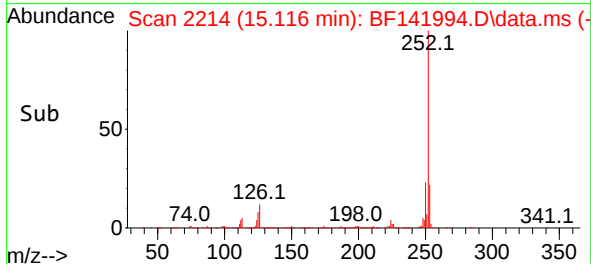
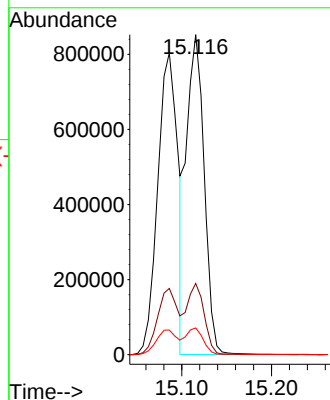
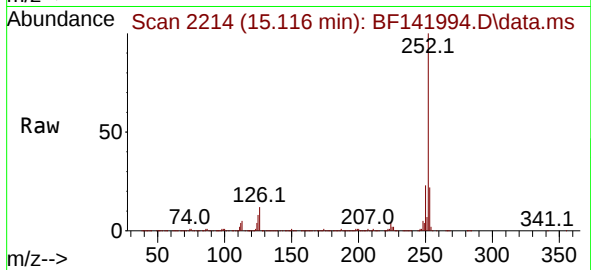
Tgt Ion:252 Resp: 1163553

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 37.800 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

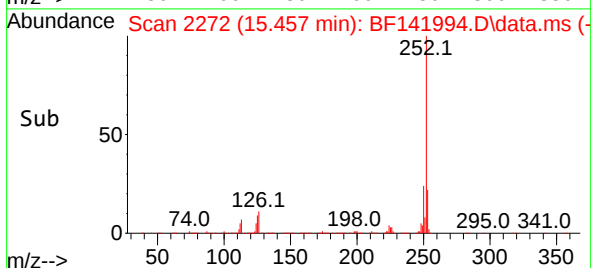
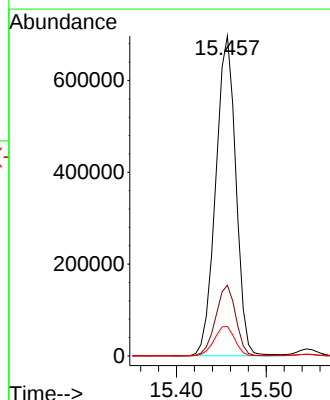
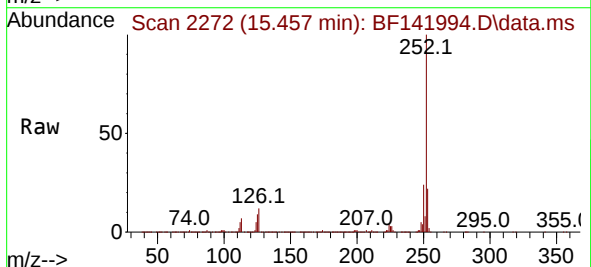
Tgt Ion:252 Resp: 1085663

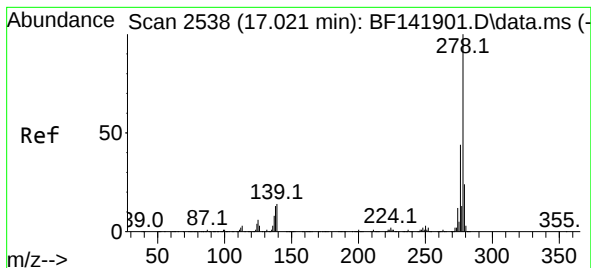
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.2 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 40.065 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

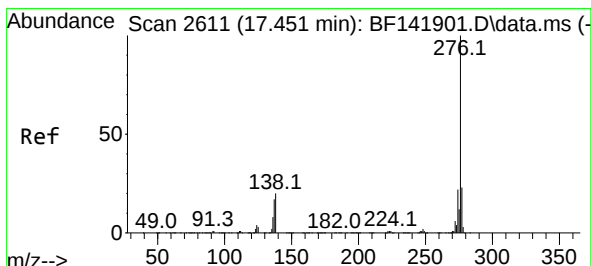
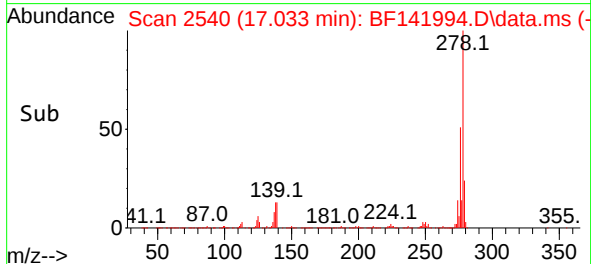
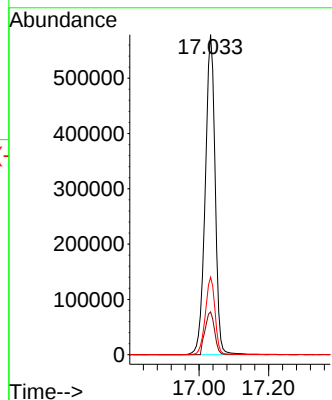
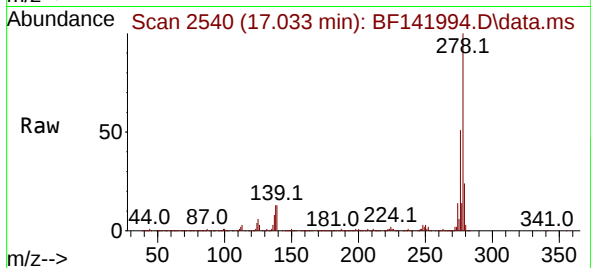
Tgt Ion:278 Resp: 1145269

Ion Ratio Lower Upper

278 100

139 13.4 11.4 17.2

279 24.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 39.857 ng

RT: 17.468 min Scan# 2614

Delta R.T. 0.018 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Tgt Ion:276 Resp: 1125885

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 18.1 15.8 23.8

