

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144415.D
 Acq On : 03 Dec 2025 12:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 03 12:45:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58261	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	220069	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	120401	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	192871	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	142815	20.000	ng	0.00
86) Perylene-d12	15.527	264	191200	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	312575	83.957	ng	0.00
7) Phenol-d6	6.504	99	341640	80.986	ng	0.00
23) Nitrobenzene-d5	7.434	82	316882	83.163	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	122510	81.084	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	651252	79.888	ng	0.00
79) Terphenyl-d14	12.980	244	659787	73.382	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	63634	41.342	ng	99
3) Pyridine	3.363	79	182985	42.612	ng	97
4) n-Nitrosodimethylamine	3.310	42	85313	38.034	ng	88
6) Aniline	6.528	93	245117	40.782	ng	# 84
8) 2-Chlorophenol	6.651	128	155875	42.692	ng	100
9) Benzaldehyde	6.416	77	129794	54.487	ng	97
10) Phenol	6.516	94	210032	40.750	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	164066	43.685	ng	99
12) 1,3-Dichlorobenzene	6.804	146	185065	41.076	ng	98
13) 1,4-Dichlorobenzene	6.881	146	186108	41.232	ng	99
14) 1,2-Dichlorobenzene	7.034	146	175123	40.479	ng	99
15) Benzyl Alcohol	7.010	79	138557	41.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	296513	42.873	ng	85
17) 2-Methylphenol	7.122	107	120187	41.378	ng	95
18) Hexachloroethane	7.375	117	62328	41.563	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	109924	39.583	ng	98
20) 3+4-Methylphenols	7.275	107	140099	40.917	ng	95
22) Acetophenone	7.275	105	188687	39.968	ng	97
24) Nitrobenzene	7.451	77	171624	41.483	ng	99
25) Isophorone	7.687	82	300170	41.647	ng	100
26) 2-Nitrophenol	7.763	139	89839	43.867	ng	97
27) 2,4-Dimethylphenol	7.804	122	125535	40.896	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	192967	42.874	ng	98
29) 2,4-Dichlorophenol	8.010	162	145449	41.112	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	146215	40.247	ng	99
31) Naphthalene	8.169	128	434587	41.514	ng	99
32) Benzoic acid	7.922	122	86739	38.550	ng	94
33) 4-Chloroaniline	8.222	127	156700	41.042	ng	99
34) Hexachlorobutadiene	8.281	225	112320	41.024	ng	98
35) Caprolactam	8.598	113	38257	39.470	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	129937	40.981	ng	99
37) 2-Methylnaphthalene	8.863	142	285780	40.831	ng	98
38) 1-Methylnaphthalene	8.957	142	271488	40.200	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	166666	42.238	ng	100
41) Hexachlorocyclopentadiene	9.010	237	43633	37.126	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	110216	41.039	ng	100

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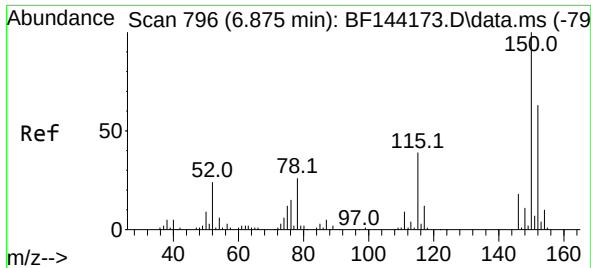
Quant Time: Dec 03 12:45:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	117004	40.422	ng	99
46) 1,1'-Biphenyl	9.322	154	344215	40.957	ng	100
47) 2-Chloronaphthalene	9.351	162	295911	41.276	ng	99
48) 2-Nitroaniline	9.451	65	84388	40.797	ng	94
49) Acenaphthylene	9.763	152	393177	40.246	ng	100
50) Dimethylphthalate	9.622	163	321693	40.331	ng	99
51) 2,6-Dinitrotoluene	9.692	165	67996	42.112	ng	95
52) Acenaphthene	9.939	154	247710	37.917	ng	100
53) 3-Nitroaniline	9.863	138	72485	41.066	ng	98
54) 2,4-Dinitrophenol	9.975	184	50232	51.519	ng	98
55) Dibenzofuran	10.110	168	361806	39.543	ng	99
56) 4-Nitrophenol	10.034	139	44046	34.497	ng	98
57) 2,4-Dinitrotoluene	10.098	165	89398	41.358	ng	99
58) Fluorene	10.457	166	280703	40.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	80063	39.095	ng	98
60) Diethylphthalate	10.322	149	297785	40.499	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	159222	40.181	ng	99
62) 4-Nitroaniline	10.481	138	67864	40.373	ng	94
63) Azobenzene	10.604	77	278252	40.661	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	52380	39.977	ng	97
66) n-Nitrosodiphenylamine	10.563	169	264313	42.609	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	104301	42.367	ng	99
68) Hexachlorobenzene	11.004	284	125015	43.113	ng	95
69) Atrazine	11.092	200	79735	40.418	ng	98
70) Pentachlorophenol	11.204	266	63696	44.113	ng	97
71) Phenanthrene	11.422	178	402711	41.937	ng	99
72) Anthracene	11.475	178	408849	41.871	ng	100
73) Carbazole	11.628	167	338923	40.819	ng	99
74) Di-n-butylphthalate	11.951	149	433330	43.172	ng	99
75) Fluoranthene	12.616	202	400164	40.340	ng	100
77) Benzidine	12.733	184	204936	48.513	ng	99
78) Pyrene	12.845	202	415153	36.053	ng	99
80) Butylbenzylphthalate	13.457	149	162220	40.647	ng	97
81) Benzo(a)anthracene	14.033	228	414970	41.924	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	148378	43.733	ng	94
83) Chrysene	14.074	228	352349	38.562	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	234960	43.006	ng	97
85) Di-n-octyl phthalate	14.627	149	442714	46.966	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	568402	41.413	ng	100
88) Benzo(b)fluoranthene	15.098	252	454684	41.829	ng	99
89) Benzo(k)fluoranthene	15.127	252	418012	41.085	ng	98
90) Benzo(a)pyrene	15.468	252	418495	41.732	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	451456	40.957	ng	98
92) Benzo(g,h,i)perylene	17.498	276	435875	40.043	ng	99

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

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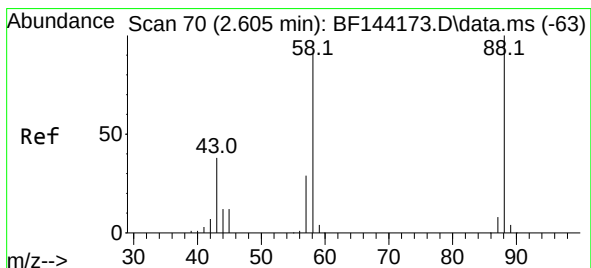
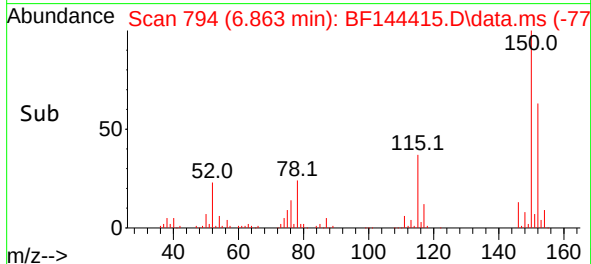
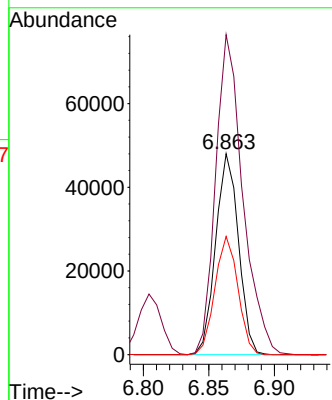
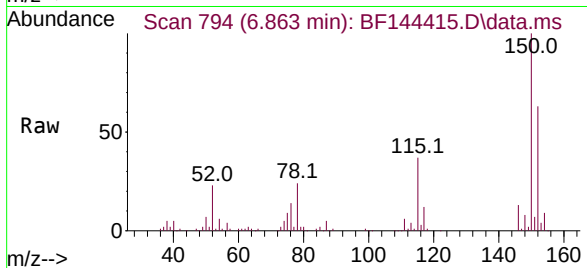




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

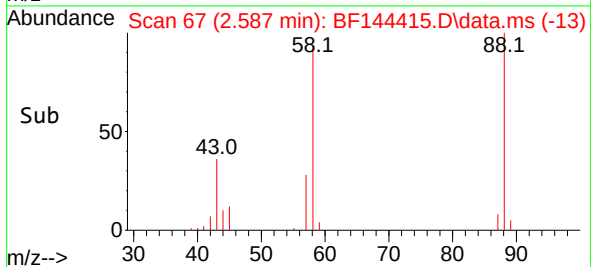
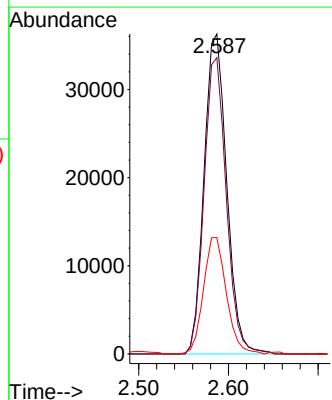
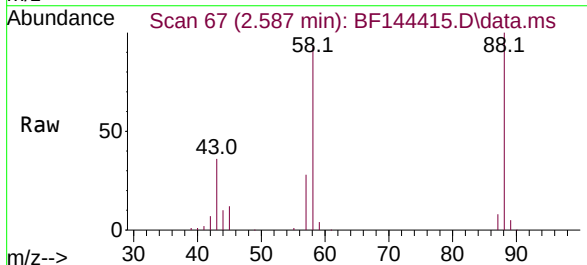
Instrument :
BNA_F
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SSTDCCC040

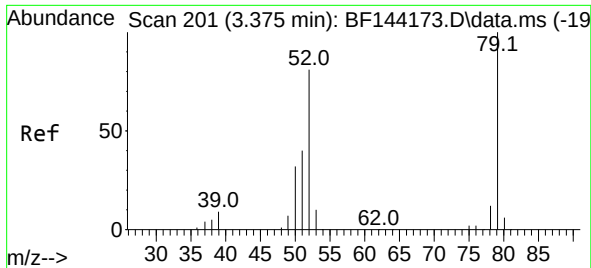
Tgt Ion:152 Resp: 58261
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.0
115 58.8 49.5 74.3



#2
1,4-Dioxane
Concen: 41.342 ng
RT: 2.587 min Scan# 67
Delta R.T. -0.029 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion: 88 Resp: 63634
Ion Ratio Lower Upper
88 100
58 90.9 73.1 109.7
43 36.8 31.0 46.6

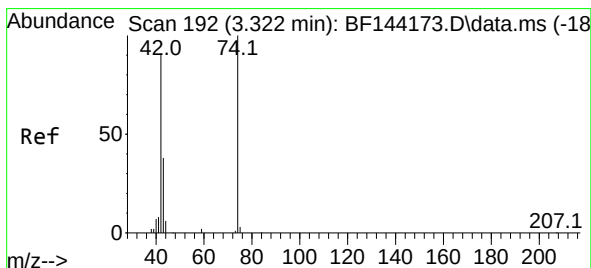
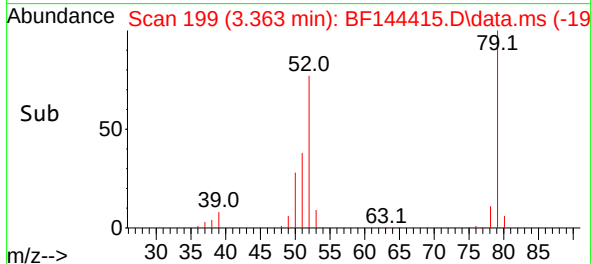
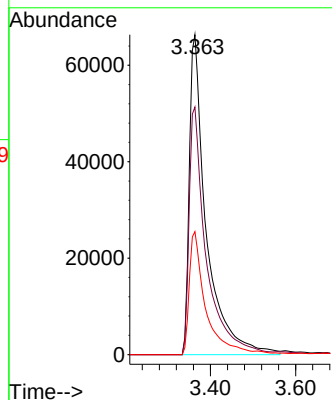
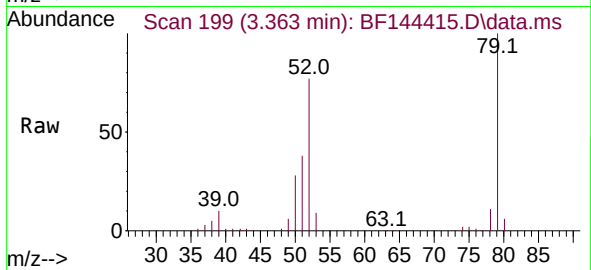




#3
Pyridine
Concen: 42.612 ng
RT: 3.363 min Scan# 19
Delta R.T. -0.047 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

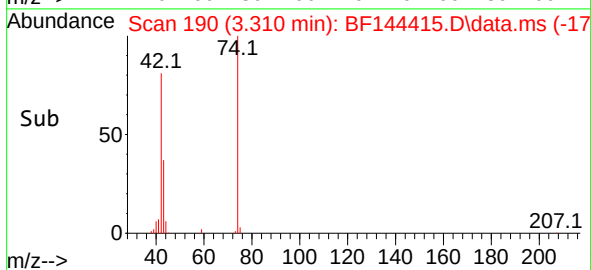
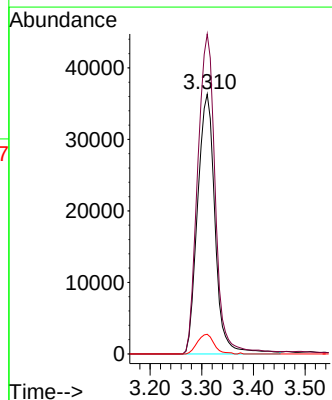
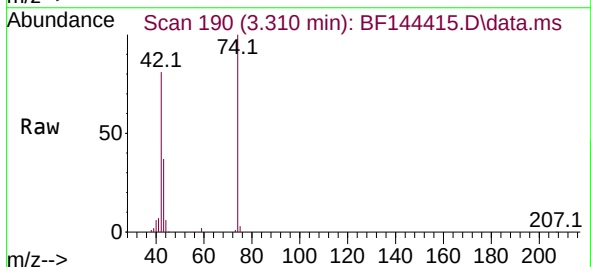
Instrument :
BNA_F
ClientSampleId :
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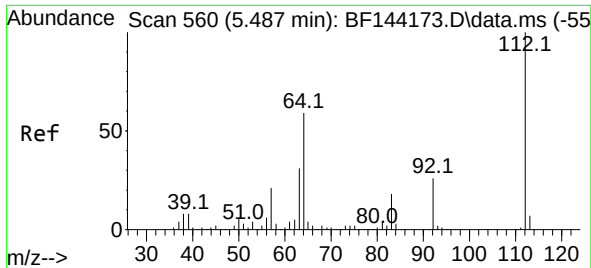
Tgt Ion: 79 Resp: 182985
Ion Ratio Lower Upper
79 100
52 77.4 64.5 96.7
51 38.4 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 38.034 ng
RT: 3.310 min Scan# 190
Delta R.T. -0.035 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion: 42 Resp: 85313
Ion Ratio Lower Upper
42 100
74 123.2 88.2 132.4
44 7.5 5.7 8.5

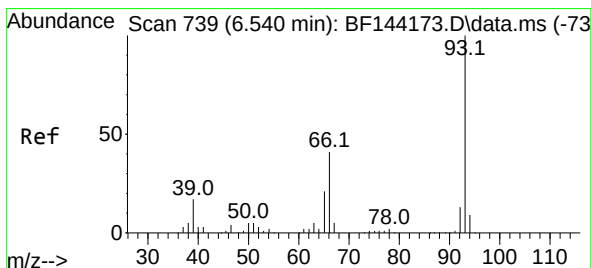
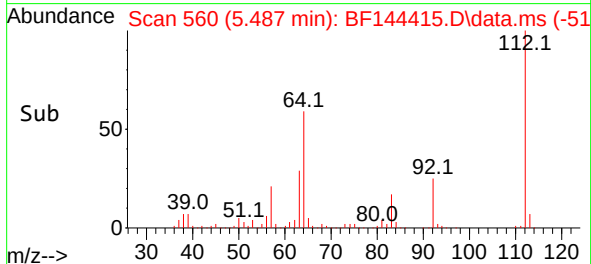
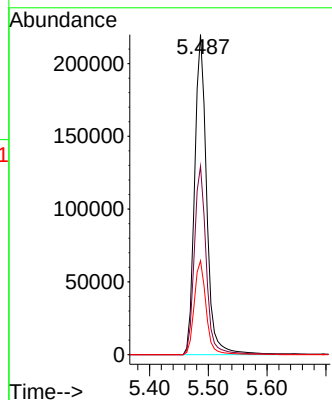
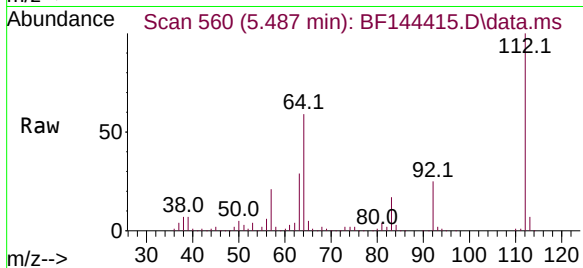




#5
2-Fluorophenol
Concen: 83.957 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

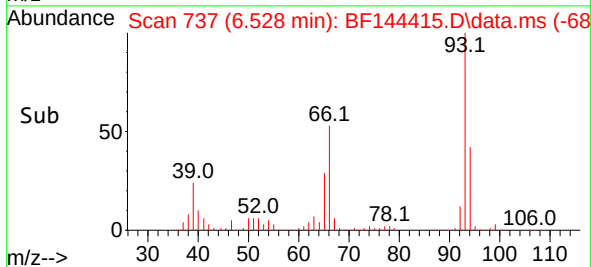
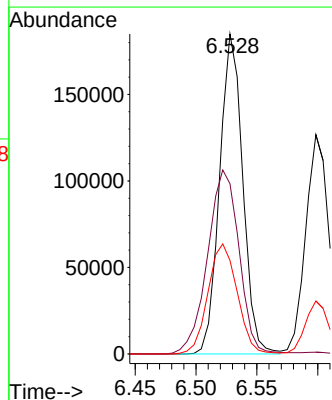
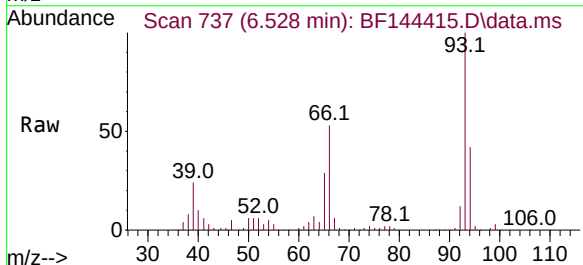
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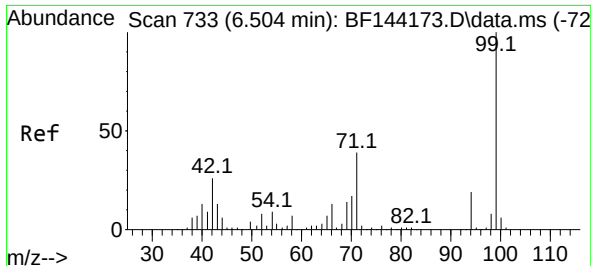
Tgt Ion:112 Resp: 312575
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 29.3 24.4 36.6



#6
Aniline
Concen: 40.782 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion: 93 Resp: 245117
Ion Ratio Lower Upper
93 100
66 53.2 34.3 51.5#
65 29.2 16.9 25.3#





#7

Phenol-d6

Concen: 80.986 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

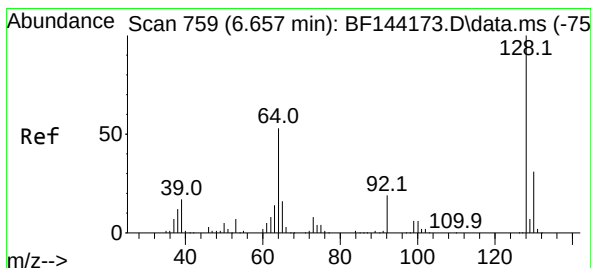
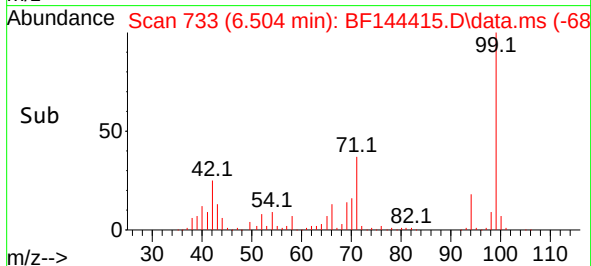
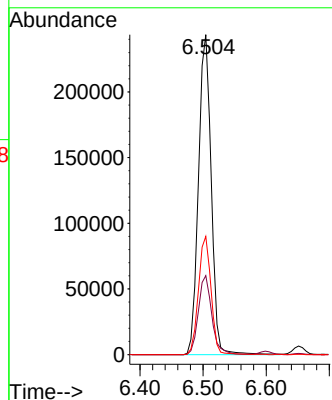
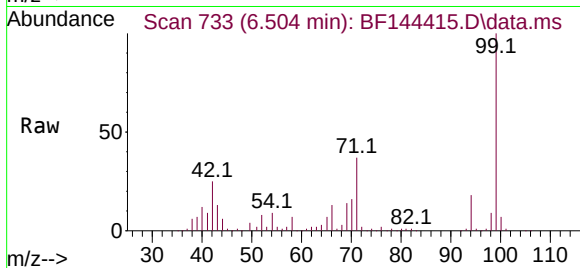
Tgt Ion: 99 Resp: 341640

Ion Ratio Lower Upper

99 100

42 24.7 20.9 31.3

71 36.9 31.4 47.2



#8

2-Chlorophenol

Concen: 42.692 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

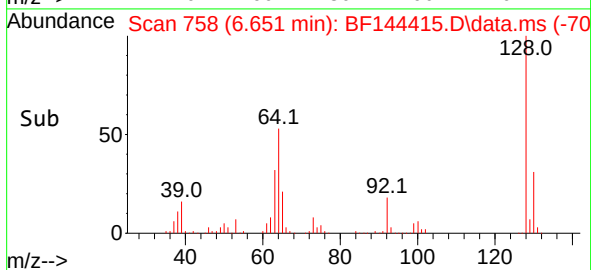
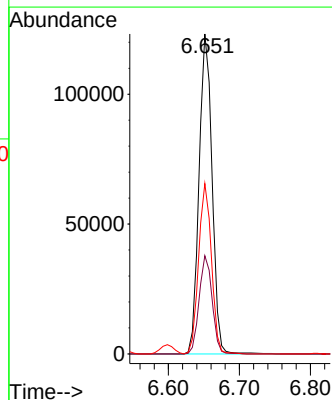
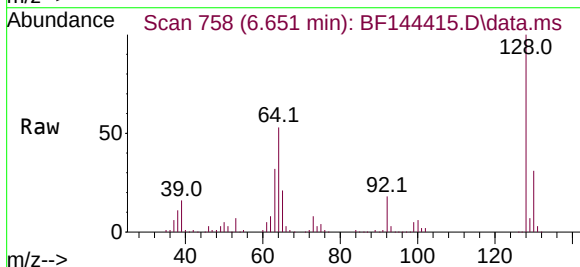
Tgt Ion:128 Resp: 155875

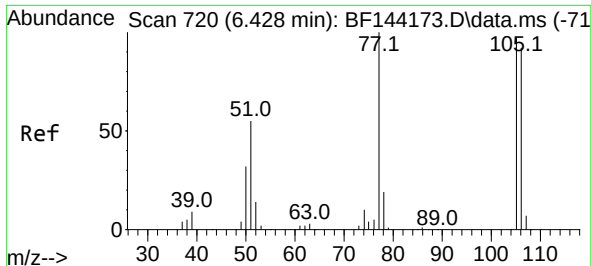
Ion Ratio Lower Upper

128 100

130 30.7 10.5 50.5

64 53.3 33.2 73.2





#9

Benzaldehyde

Concen: 54.487 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.012 min

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Acq: 03 Dec 2025 12:25

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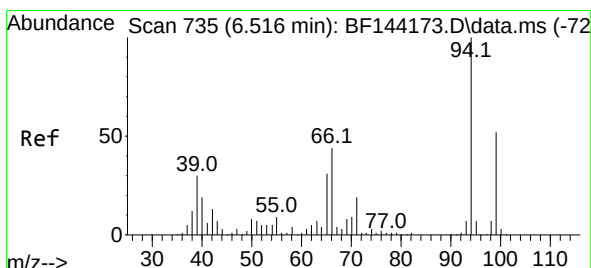
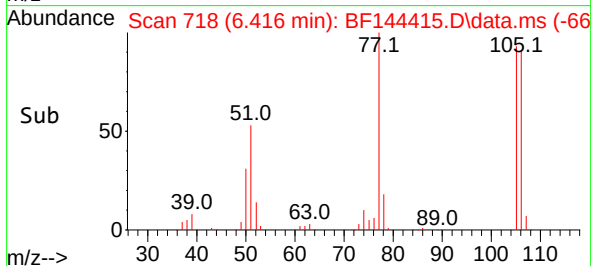
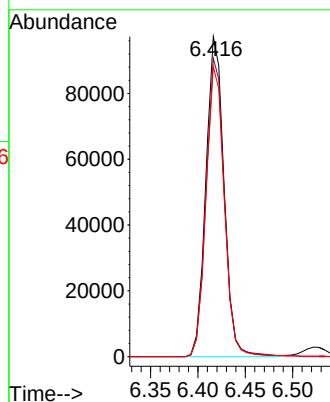
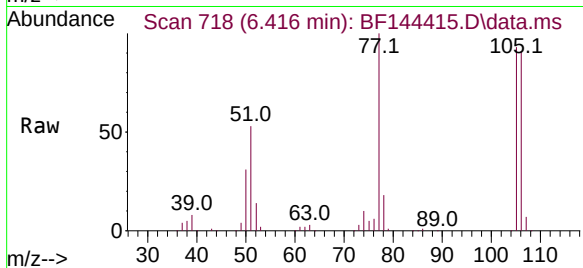
Tgt Ion: 77 Resp: 129794

Ion Ratio Lower Upper

77 100

105 93.2 77.2 117.2

106 90.6 72.2 112.2



#10

Phenol

Concen: 40.750 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

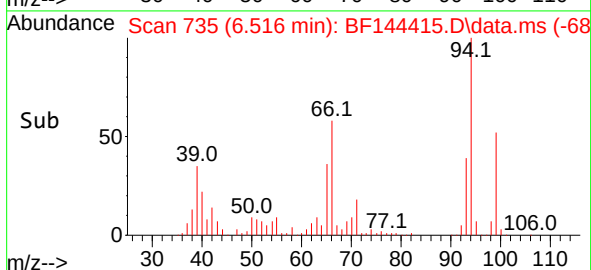
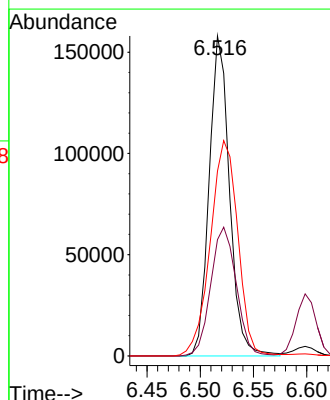
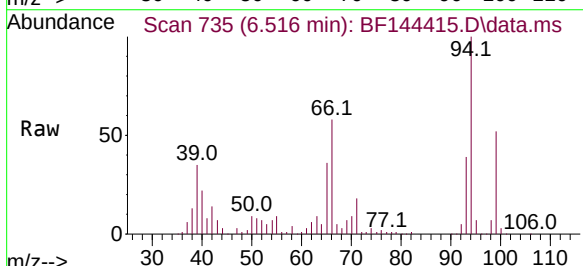
Tgt Ion: 94 Resp: 210032

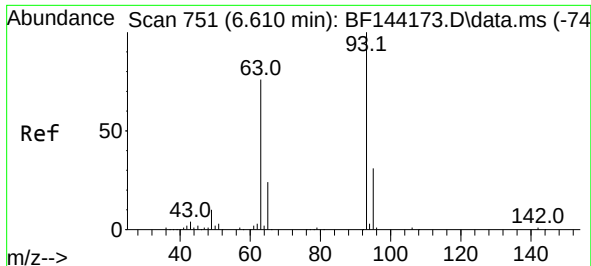
Ion Ratio Lower Upper

94 100

65 36.3 10.8 50.8

66 57.7 24.3 64.3

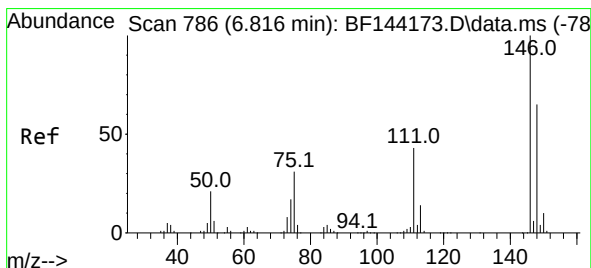
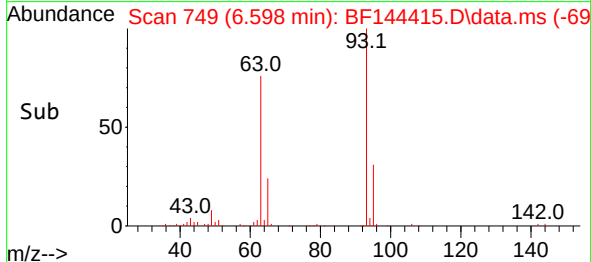
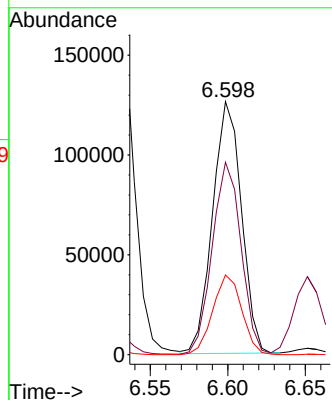
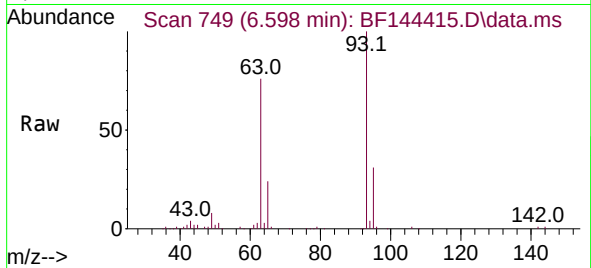




#11
bis(2-Chloroethyl)ether
Concen: 43.685 ng
RT: 6.598 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

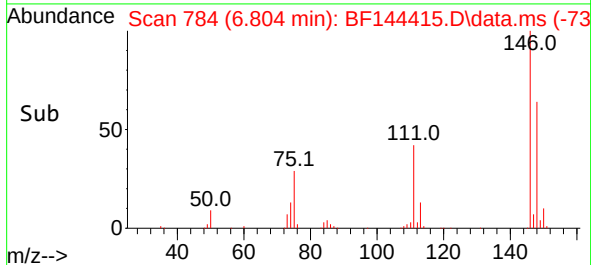
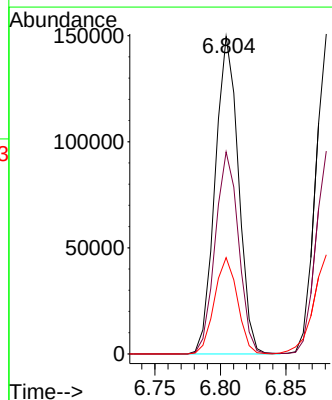
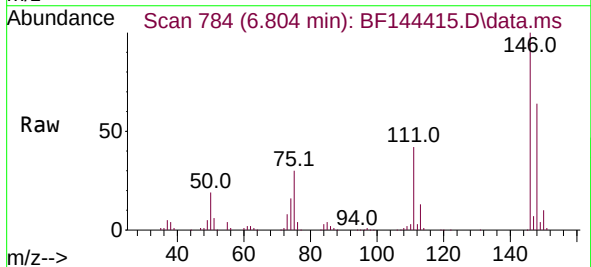
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

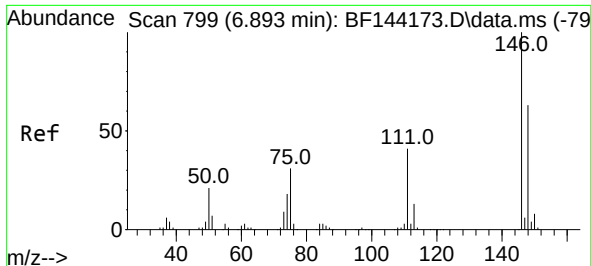
Tgt Ion: 93 Resp: 164066
Ion Ratio Lower Upper
93 100
63 76.0 55.2 95.2
95 31.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.076 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion: 146 Resp: 185065
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 30.3 25.0 37.4

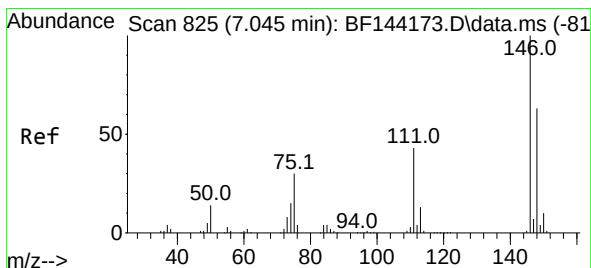
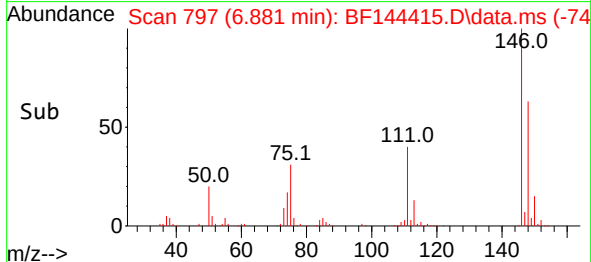
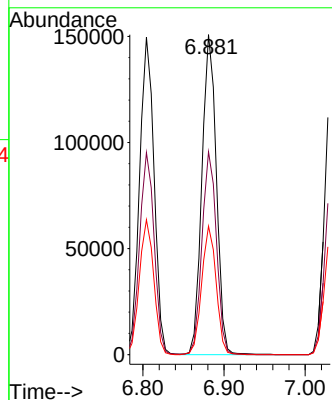
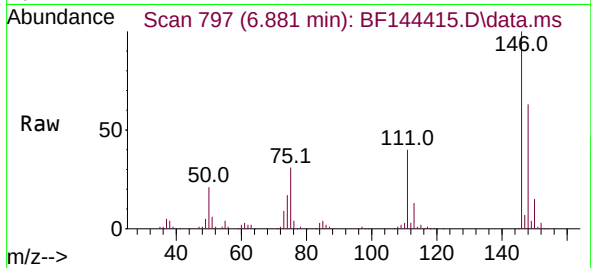




#13
1,4-Dichlorobenzene
Concen: 41.232 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

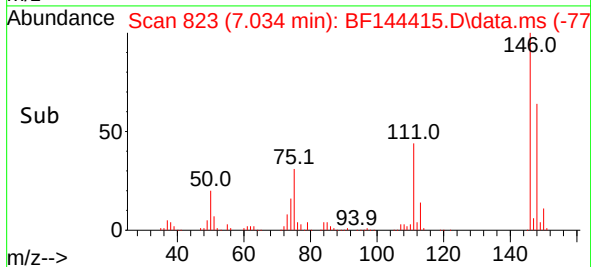
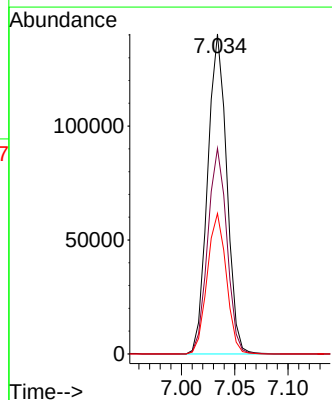
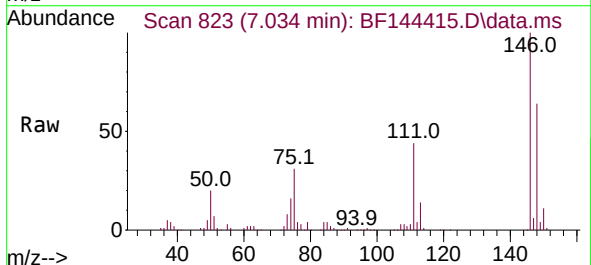
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

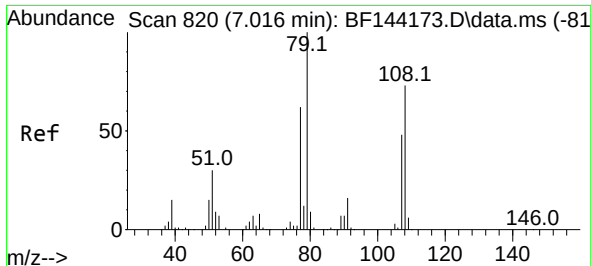
Tgt Ion:146 Resp: 186108
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 40.2 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 40.479 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:146 Resp: 175123
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
111 43.9 34.2 51.4

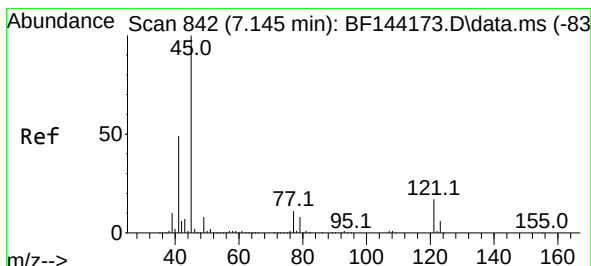
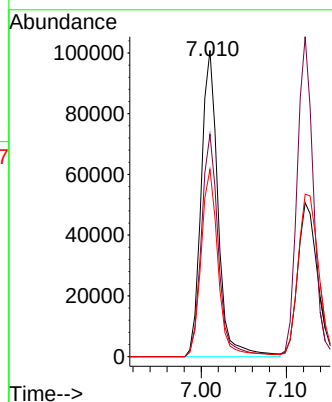
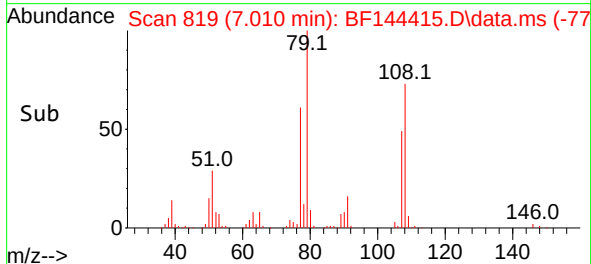
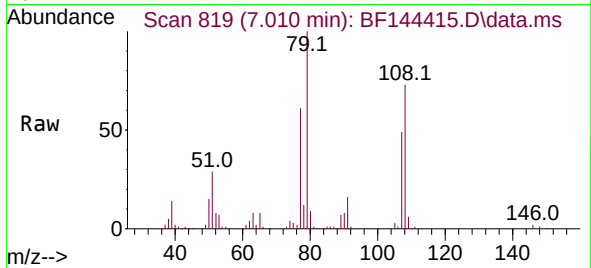




#15
Benzyl Alcohol
Concen: 41.480 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

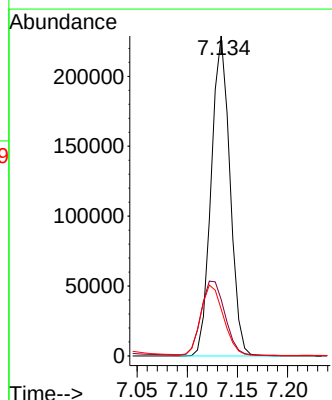
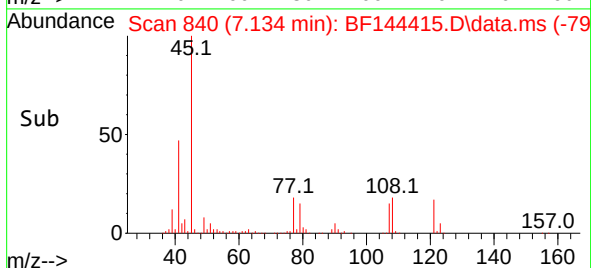
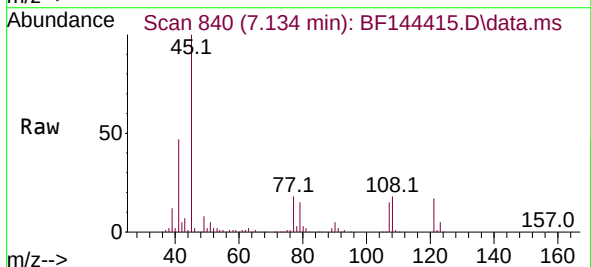
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

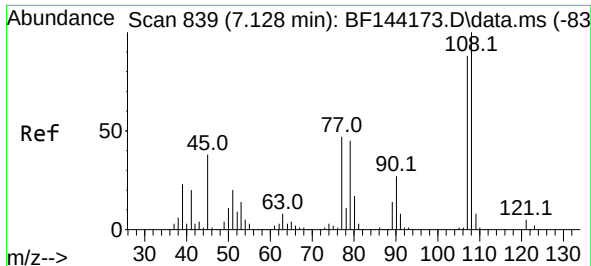
Tgt Ion: 79 Resp: 138557
Ion Ratio Lower Upper
79 100
108 72.6 58.2 87.4
77 61.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.873 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion: 45 Resp: 296513
Ion Ratio Lower Upper
45 100
77 17.6 0.0 31.8
79 14.6 0.0 29.1

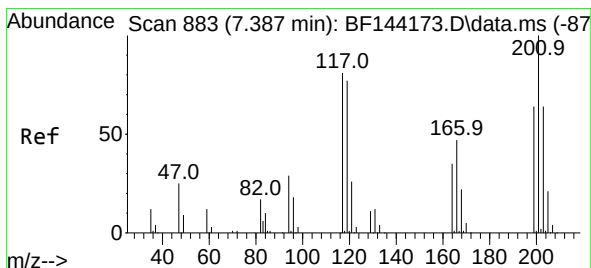
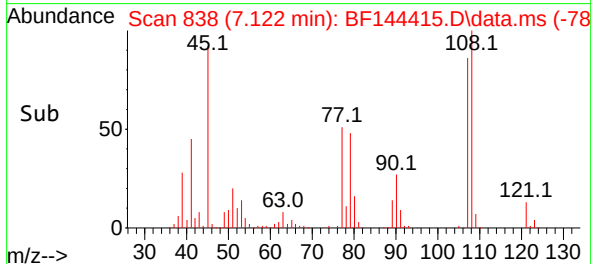
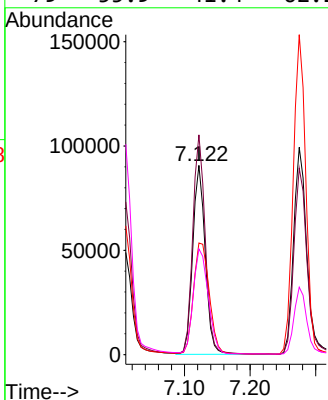
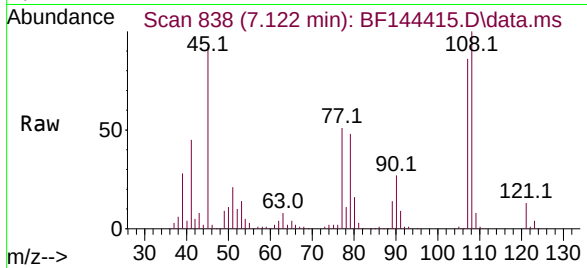




#17
2-Methylphenol
Concen: 41.378 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

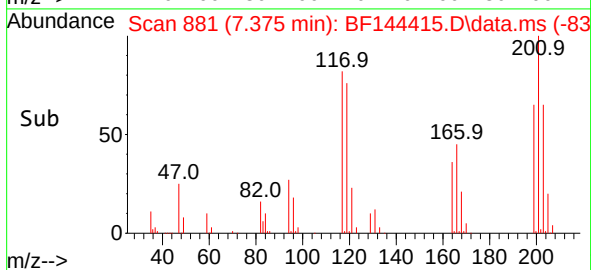
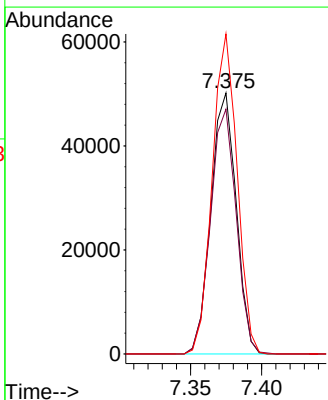
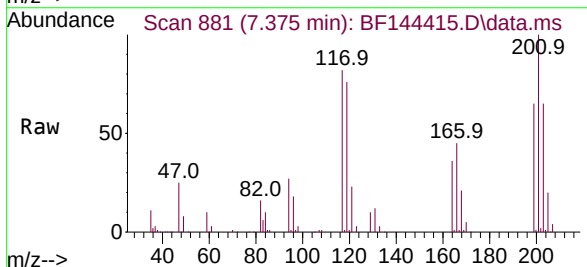
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

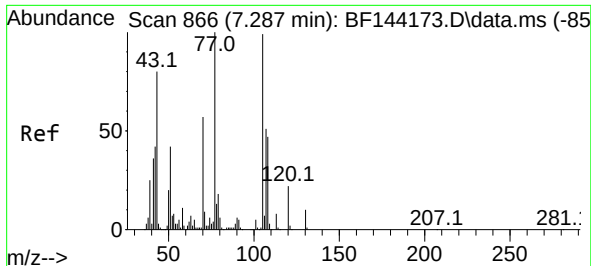
Tgt Ion:	107	Resp:	120187
Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.0	136.4
77	59.0	42.7	64.1
79	55.9	41.4	62.2



#18
Hexachloroethane
Concen: 41.563 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:	117	Resp:	62328
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
201	122.6	98.9	148.3



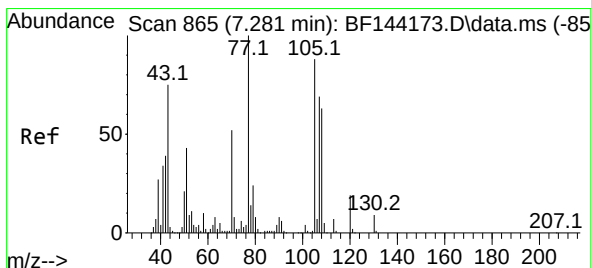
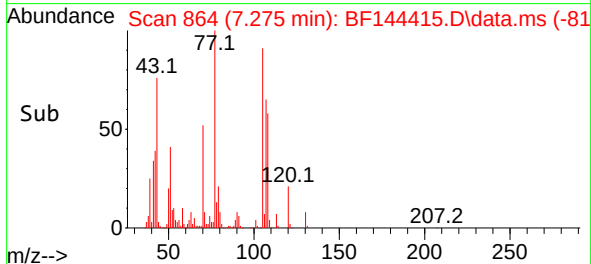
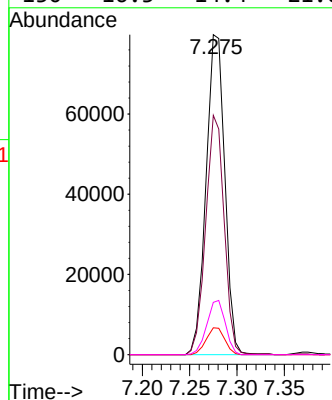
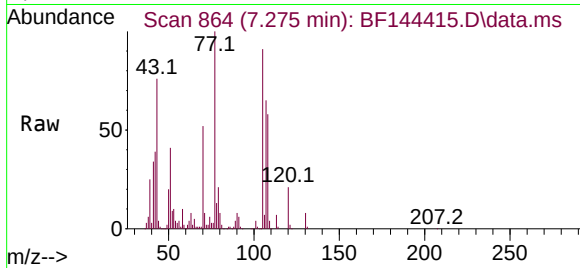


#19
n-Nitroso-di-n-propylamine
Concen: 39.583 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 109924

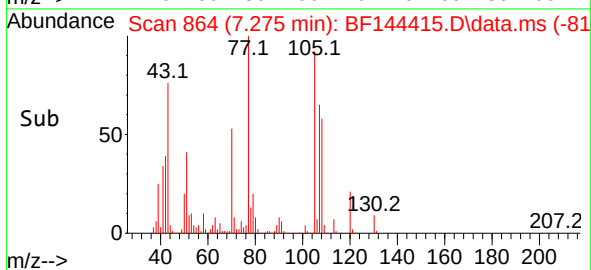
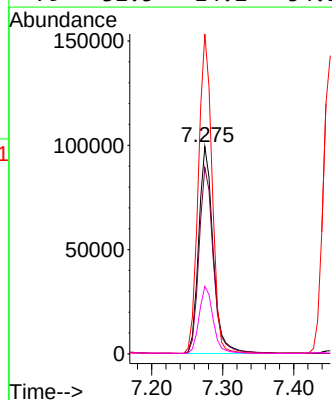
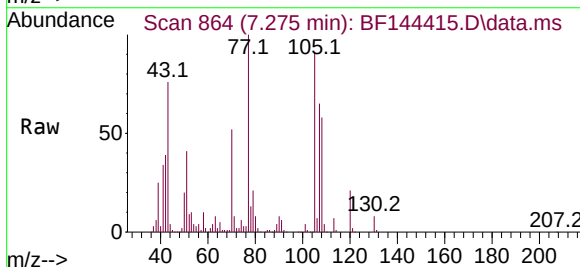
Ion	Ratio	Lower	Upper
70	100		
42	74.8	58.3	87.5
101	8.4	7.0	10.6
130	16.3	14.4	21.6

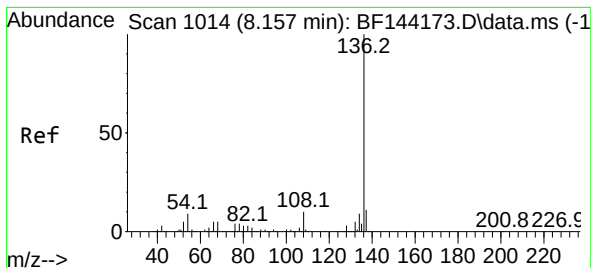


#20
3+4-Methylphenols
Concen: 40.917 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion: 107 Resp: 140099

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.2	110.2
77	154.3	123.9	163.9
79	32.5	14.2	54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 220069

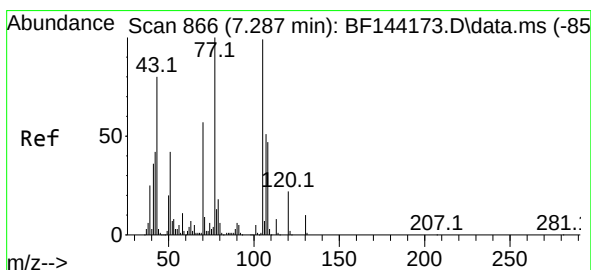
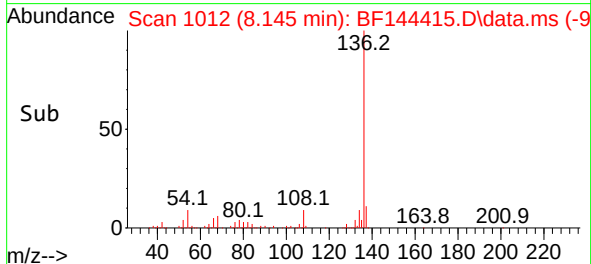
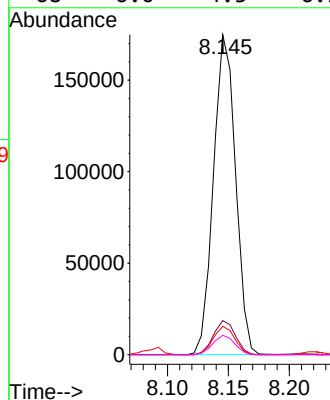
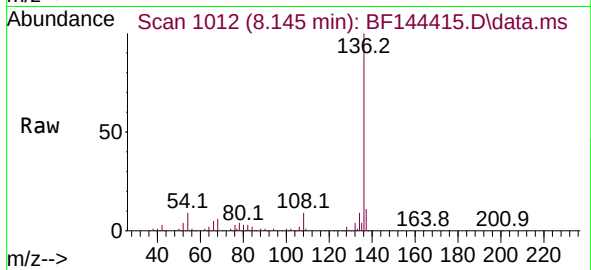
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.8 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 39.968 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Tgt Ion:105 Resp: 188687

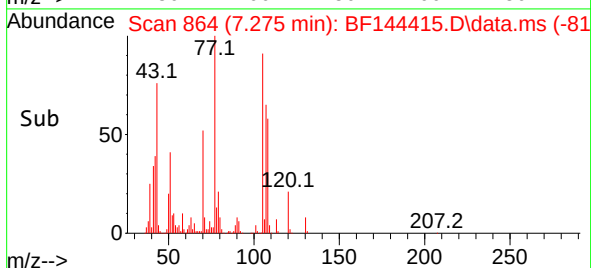
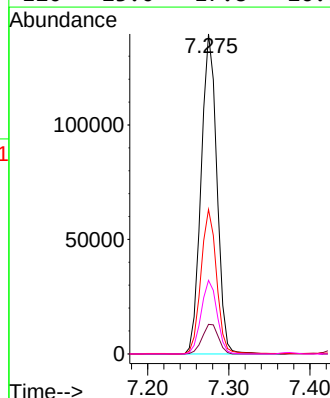
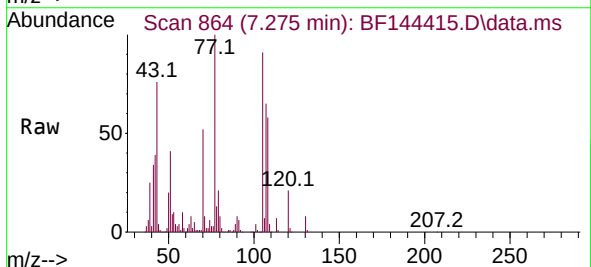
Ion Ratio Lower Upper

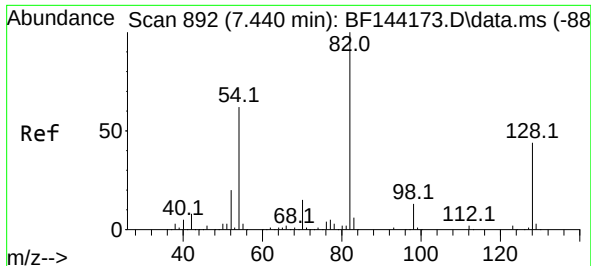
105 100

71 9.2 7.2 10.8

51 45.1 34.0 51.0

120 23.0 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.163 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

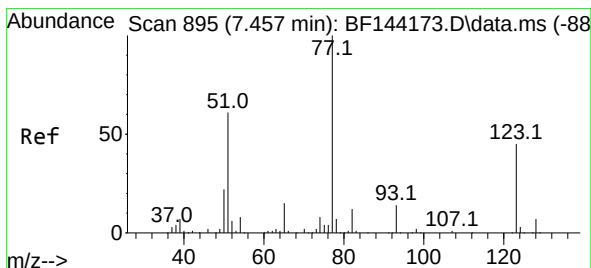
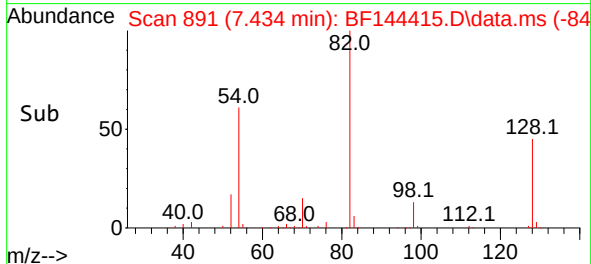
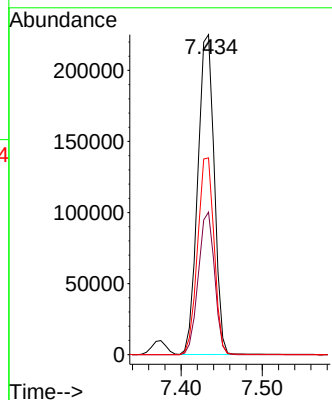
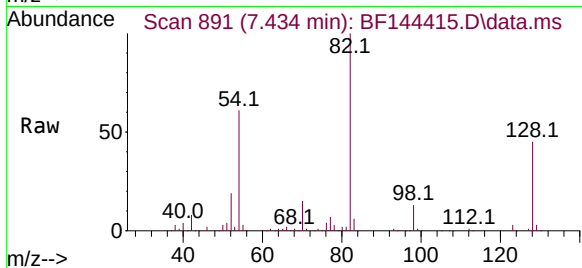
Tgt Ion: 82 Resp: 316882

Ion Ratio Lower Upper

82 100

128 44.5 34.7 52.1

54 61.5 49.5 74.3



#24

Nitrobenzene

Concen: 41.483 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

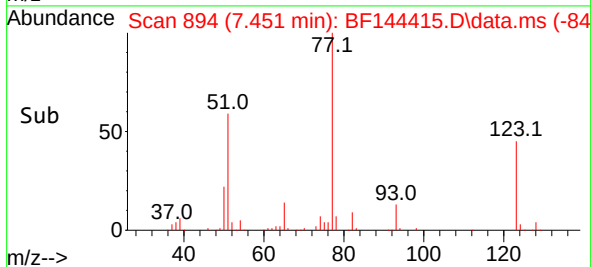
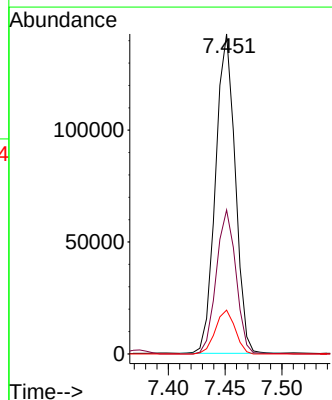
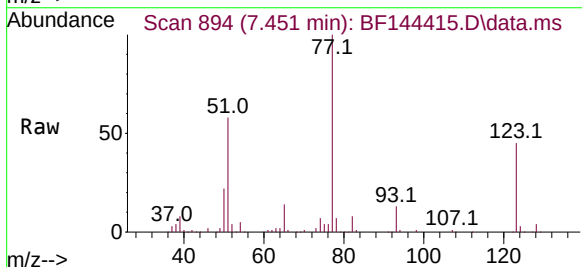
Tgt Ion: 77 Resp: 171624

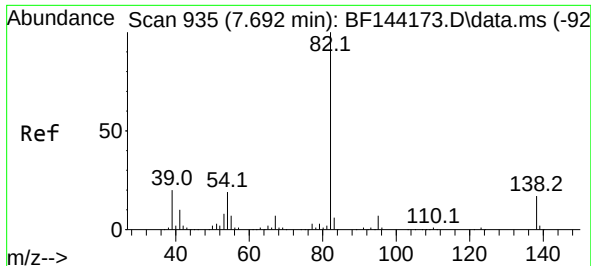
Ion Ratio Lower Upper

77 100

123 45.0 35.8 53.8

65 13.7 12.2 18.2

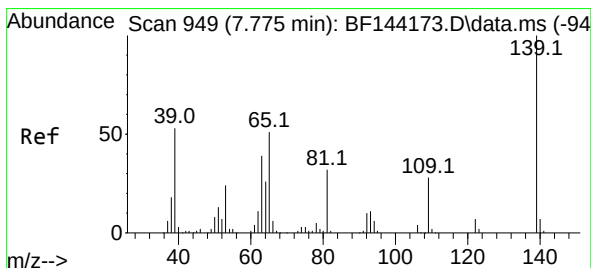
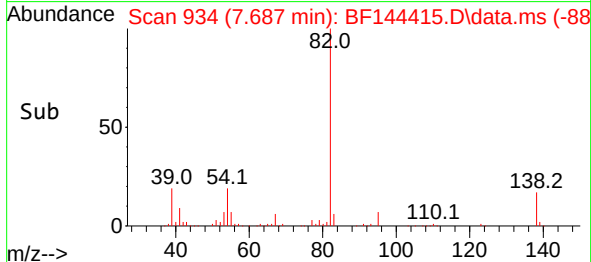
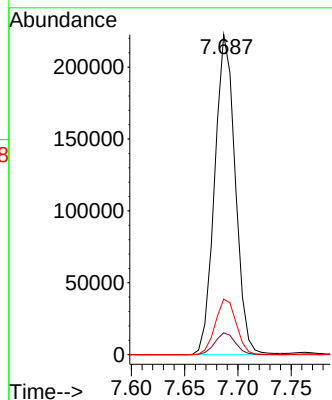
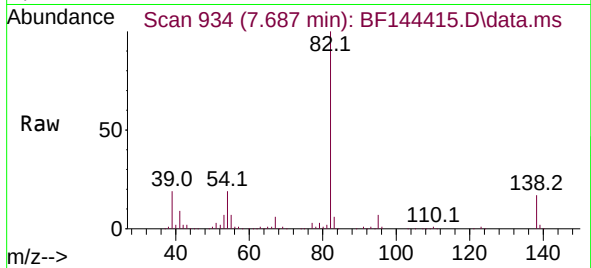




#25
Isophorone
Concen: 41.647 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

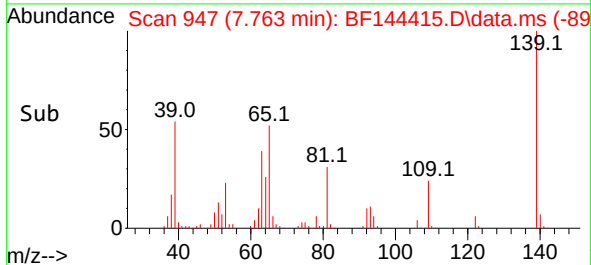
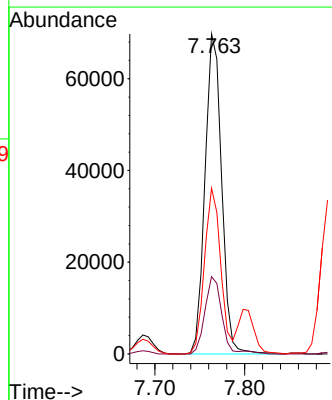
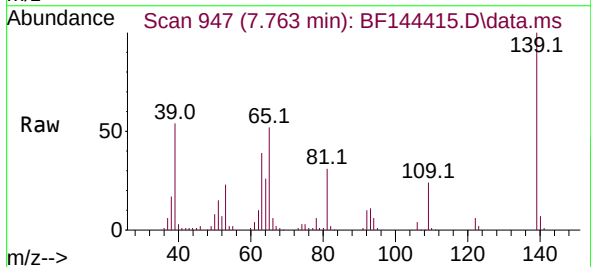
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

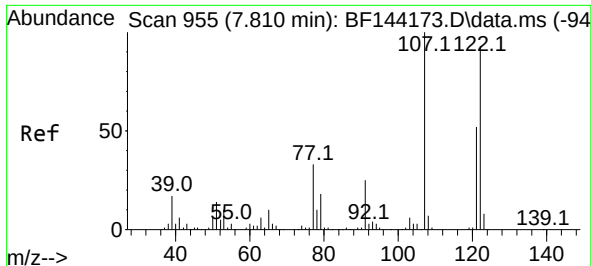
Tgt Ion: 82 Resp: 300170
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.3 13.7 20.5



#26
2-Nitrophenol
Concen: 43.867 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:139 Resp: 89839
Ion Ratio Lower Upper
139 100
109 24.1 22.2 33.2
65 51.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 40.896 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

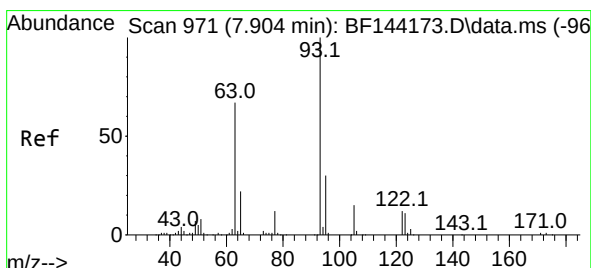
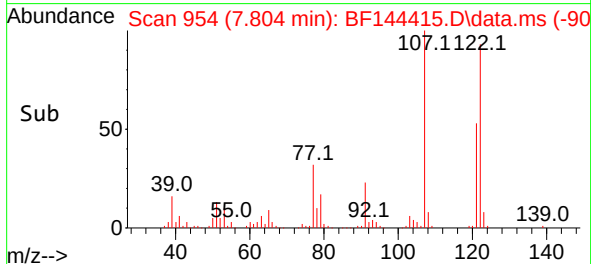
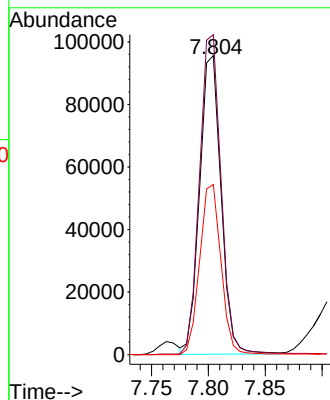
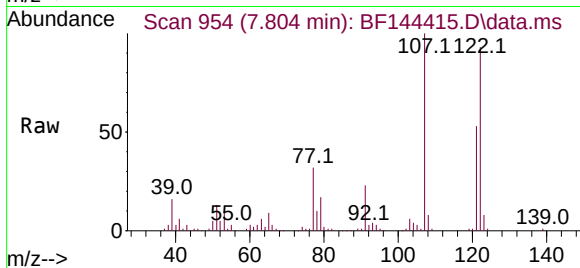
Tgt Ion:122 Resp: 125535

Ion Ratio Lower Upper

122 100

107 107.1 86.2 129.4

121 56.9 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.874 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

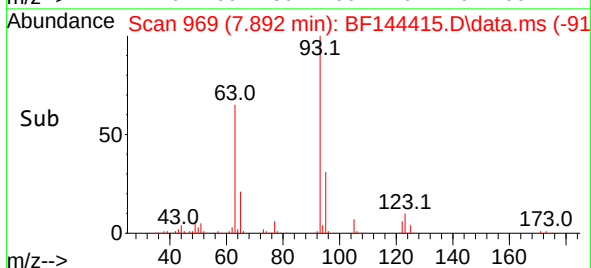
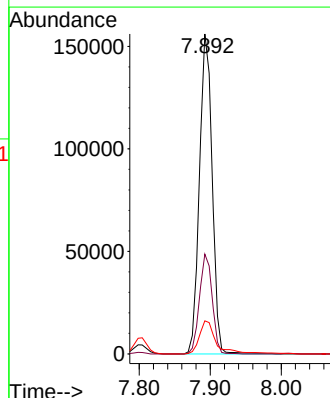
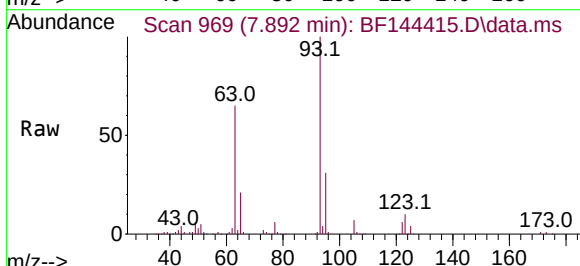
Tgt Ion: 93 Resp: 192967

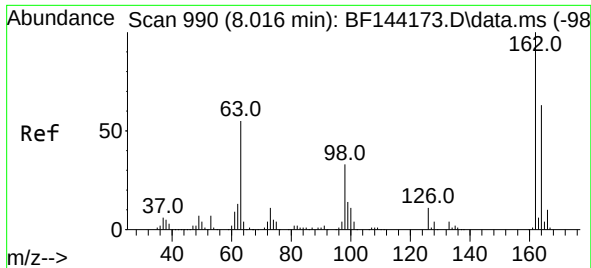
Ion Ratio Lower Upper

93 100

95 31.2 24.2 36.4

123 10.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.112 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

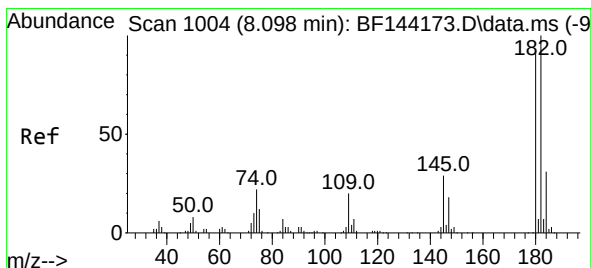
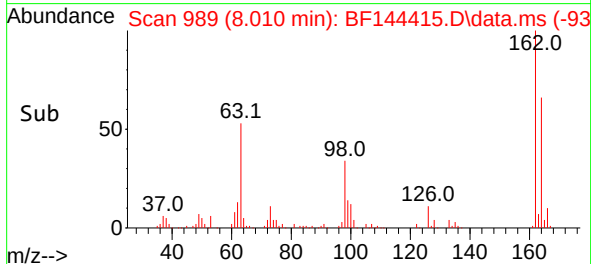
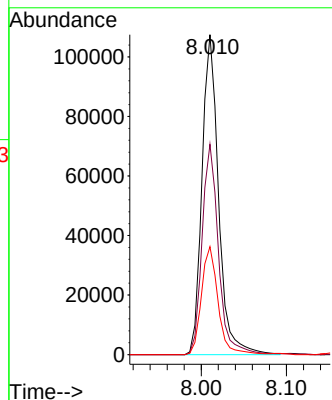
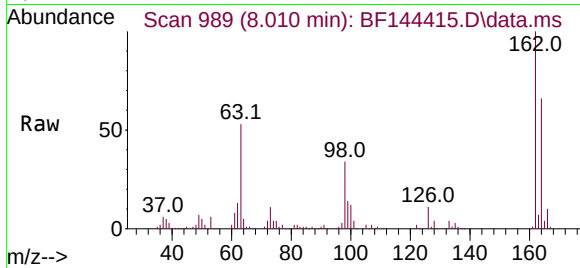
Tgt Ion:162 Resp: 145449

Ion Ratio Lower Upper

162 100

164 65.7 42.9 82.9

98 33.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.247 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

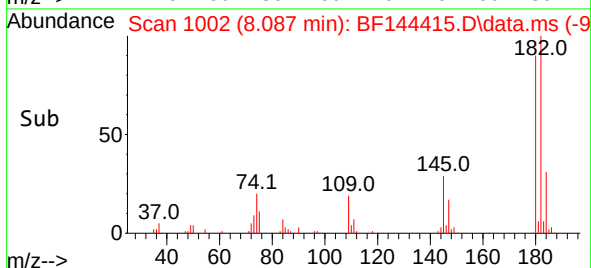
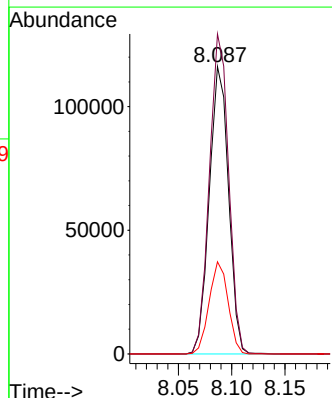
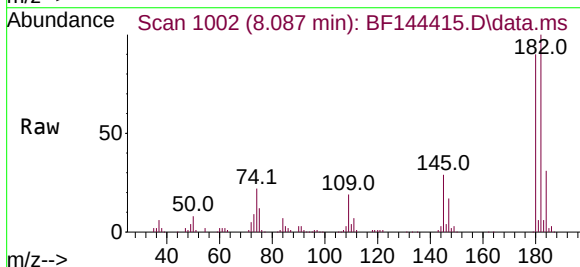
Tgt Ion:180 Resp: 146215

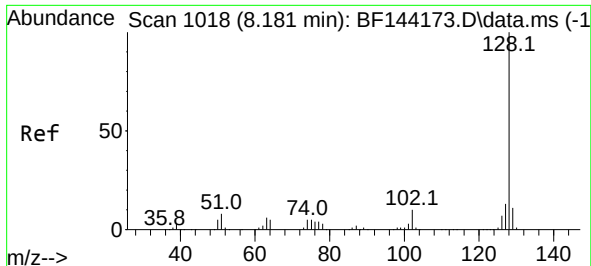
Ion Ratio Lower Upper

180 100

182 111.4 87.7 131.5

145 32.1 25.4 38.0

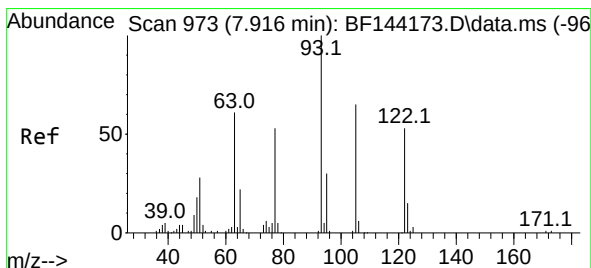
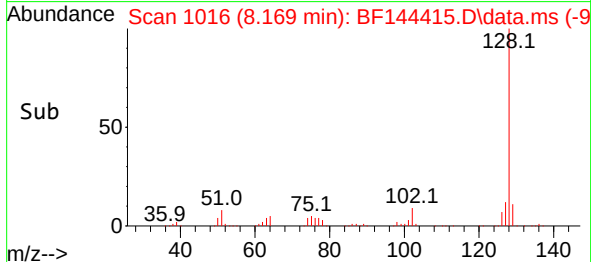
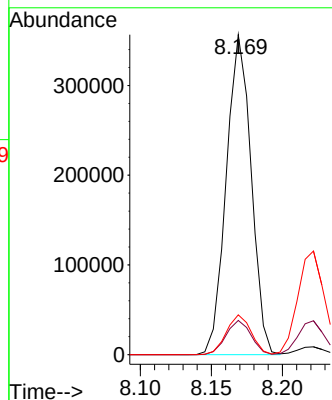
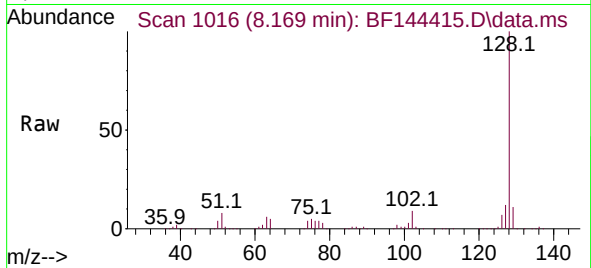




#31
Naphthalene
Concen: 41.514 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

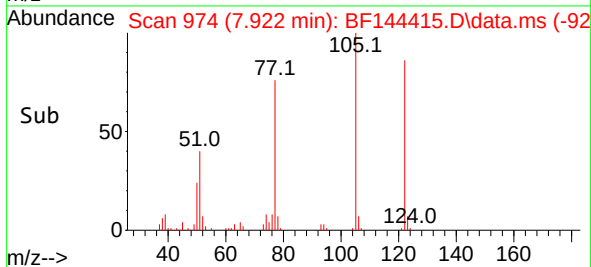
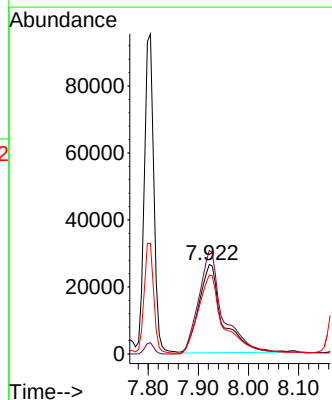
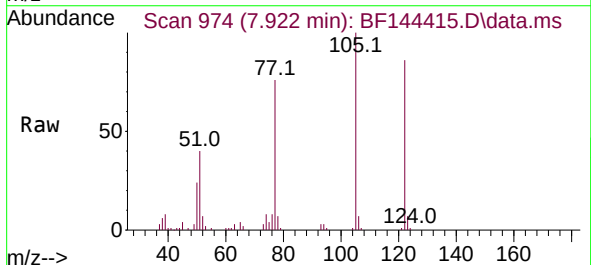
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

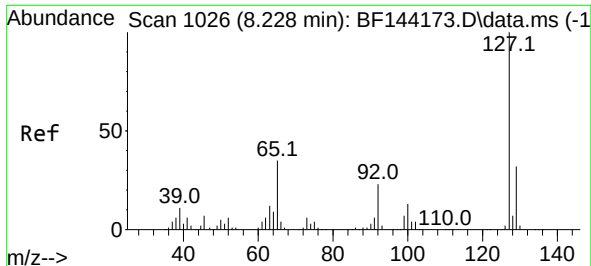
Tgt Ion:128 Resp: 434587
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.4 10.3 15.5



#32
Benzoic acid
Concen: 38.550 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:122 Resp: 86739
Ion Ratio Lower Upper
122 100
105 116.0 99.9 139.9
77 88.5 77.5 117.5



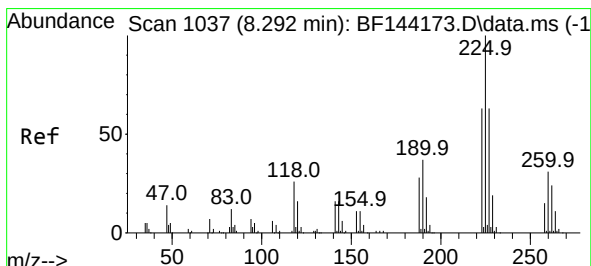
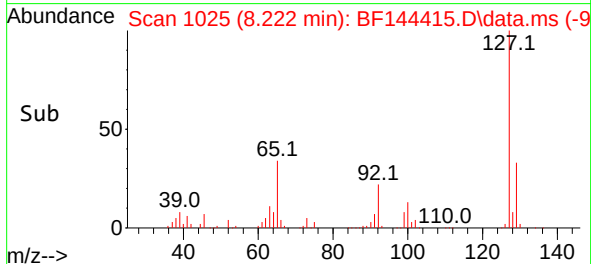
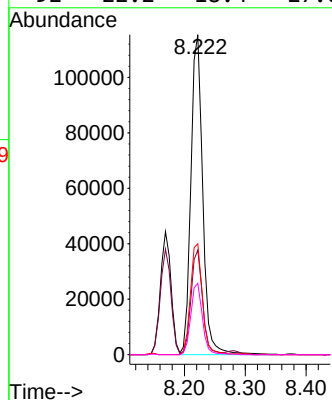
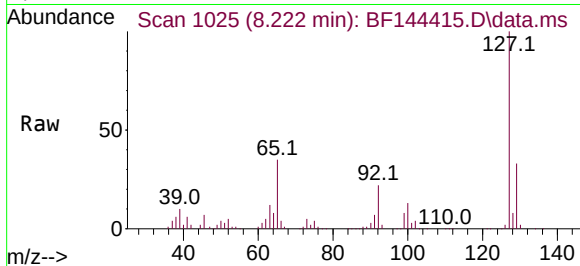


#33
4-Chloroaniline
Concen: 41.042 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 156700

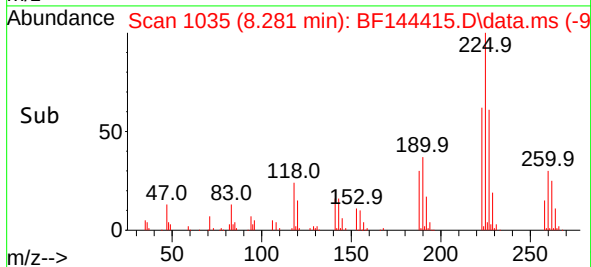
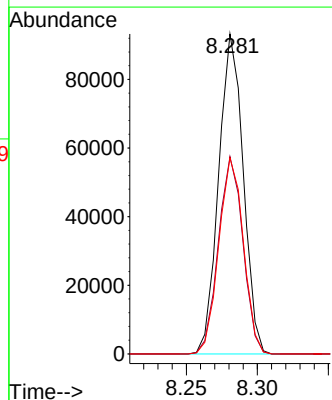
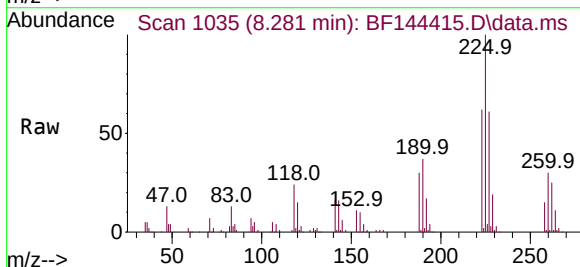
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	34.6	27.6	41.4
92	22.2	18.4	27.6

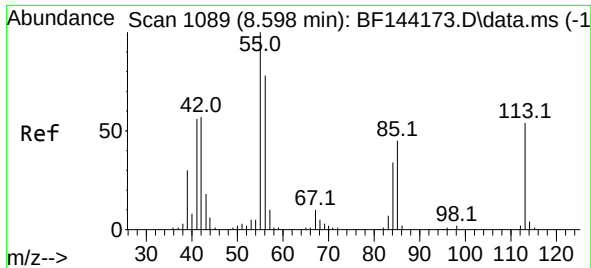


#34
Hexachlorobutadiene
Concen: 41.024 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:225 Resp: 112320

Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.2	75.4
227	61.3	50.1	75.1

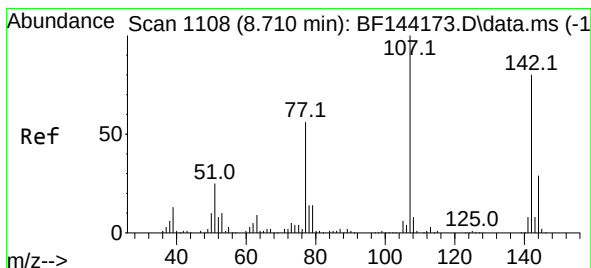
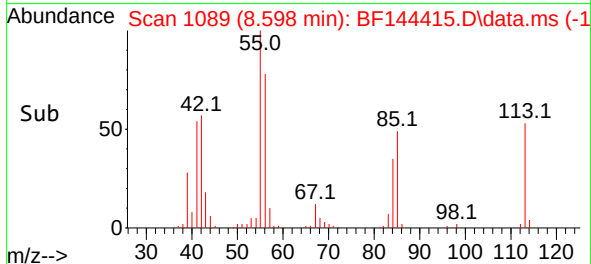
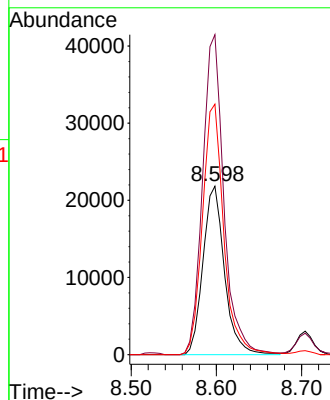
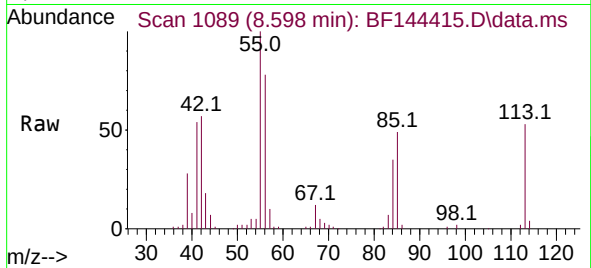




#35
 Caprolactam
 Concen: 39.470 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.023 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

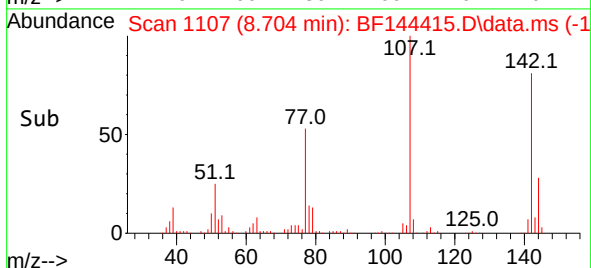
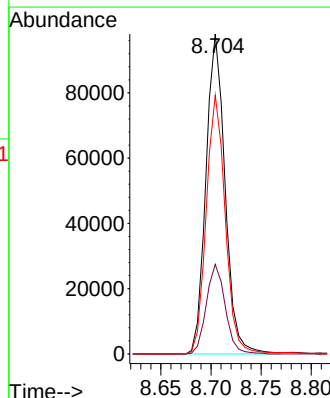
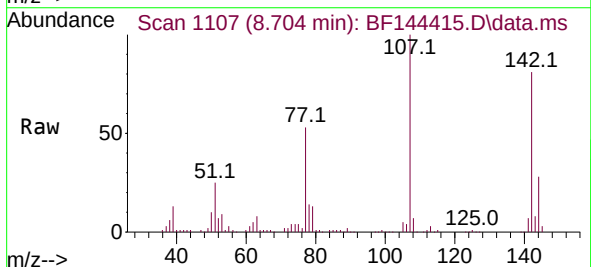
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

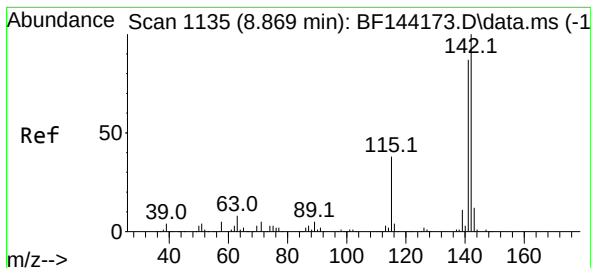
Tgt Ion:	113	Resp:	38257
Ion Ratio	Lower	Upper	
113	100		
55	190.1	166.8	206.8
56	148.8	125.9	165.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.981 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

Tgt Ion:	107	Resp:	129937
Ion Ratio	Lower	Upper	
107	100		
144	28.0	23.3	34.9
142	80.8	63.8	95.6





#37

2-Methylnaphthalene

Concen: 40.831 ng

RT: 8.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

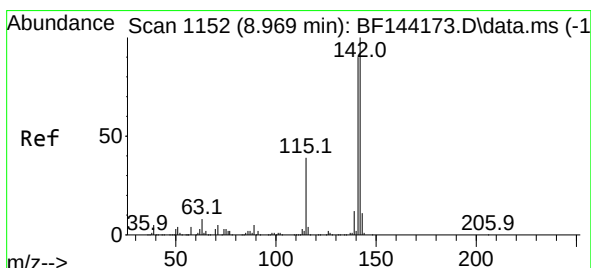
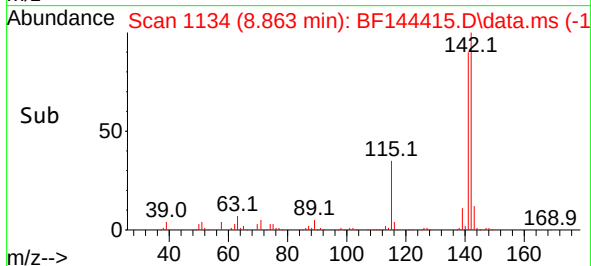
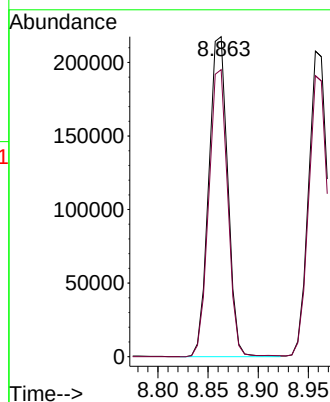
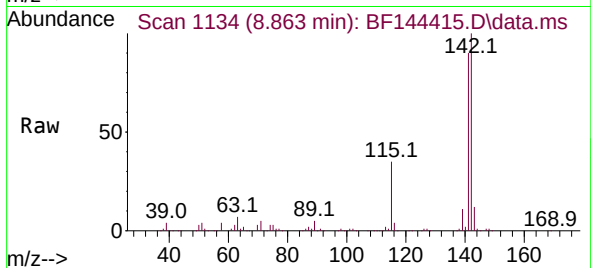
SSTDCCC040

Tgt Ion:142 Resp: 285780

Ion Ratio Lower Upper

142 100

141 89.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.200 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144415.D

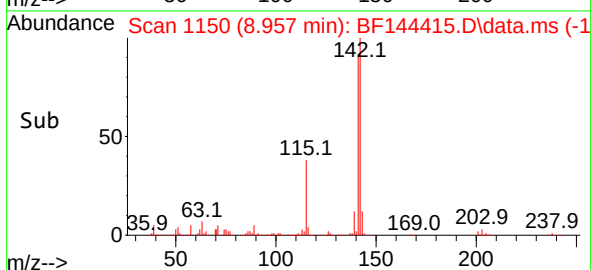
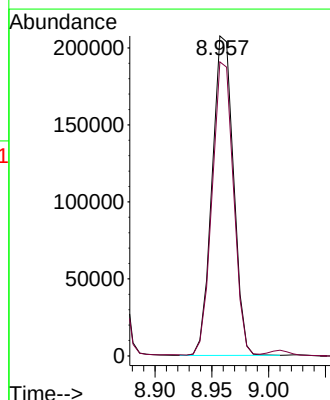
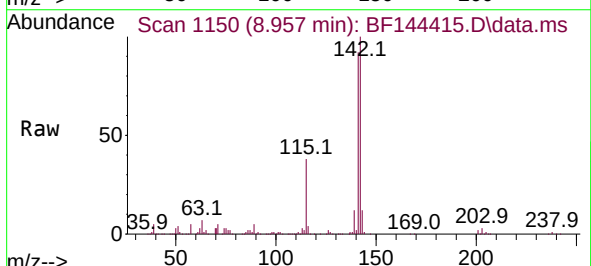
Acq: 03 Dec 2025 12:25

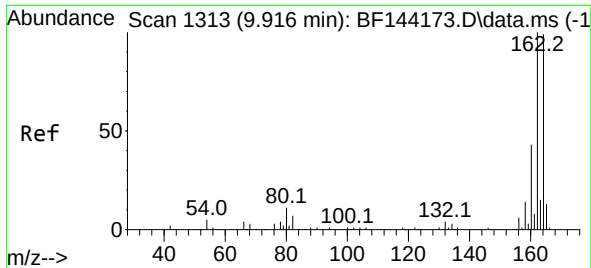
Tgt Ion:142 Resp: 271488

Ion Ratio Lower Upper

142 100

141 91.9 72.1 108.1

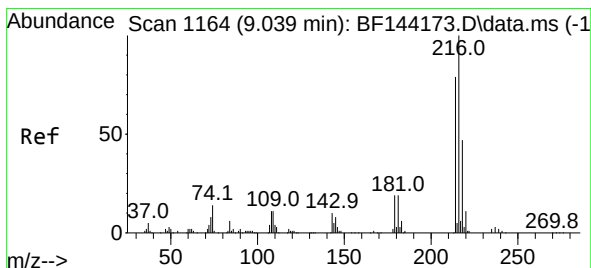
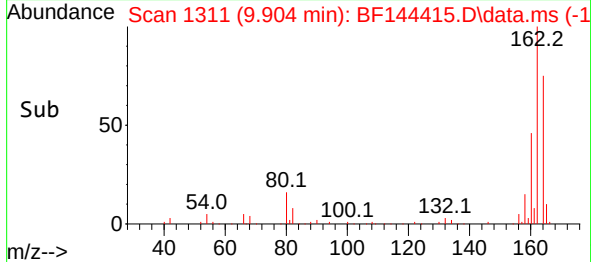
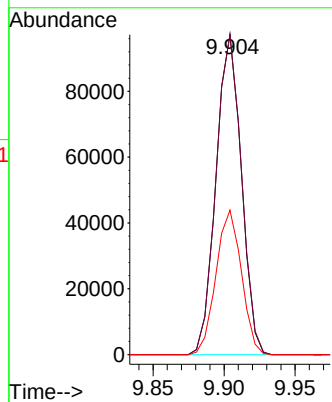
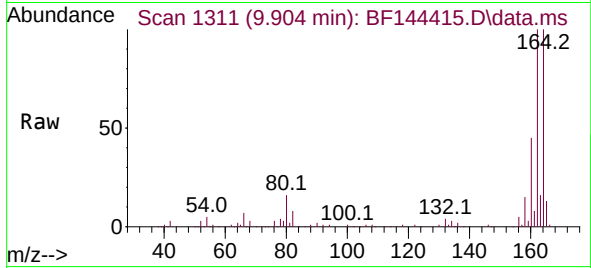




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1313
 Delta R.T. -0.012 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

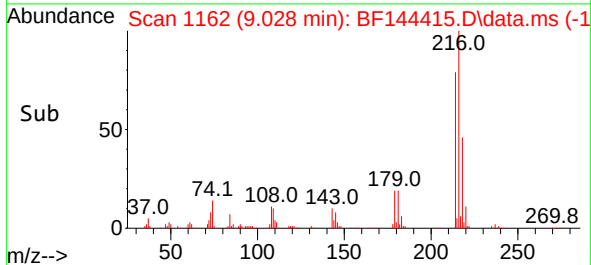
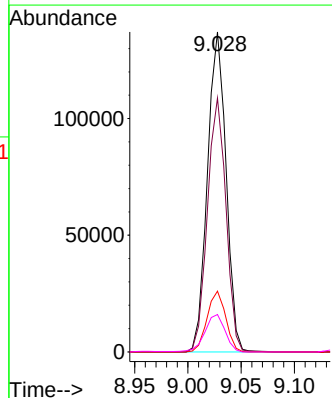
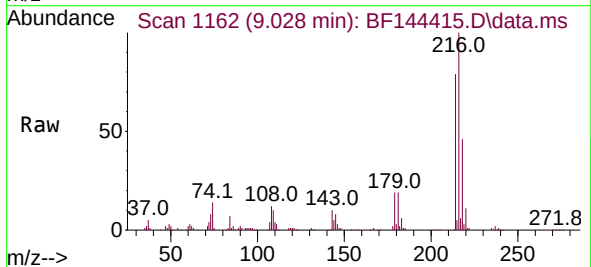
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

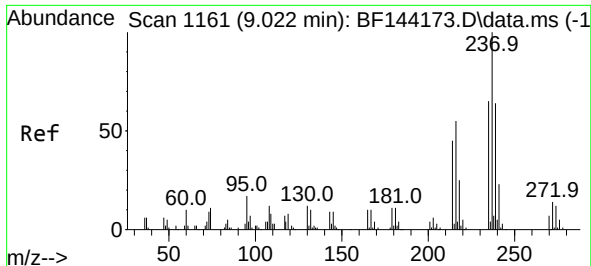
Tgt Ion:164 Resp: 120401
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.1 121.7
 160 45.1 34.5 51.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.238 ng
 RT: 9.028 min Scan# 1162
 Delta R.T. -0.006 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

Tgt Ion:216 Resp: 166666
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.4 95.2
 179 19.0 15.0 22.4
 108 12.6 10.5 15.7

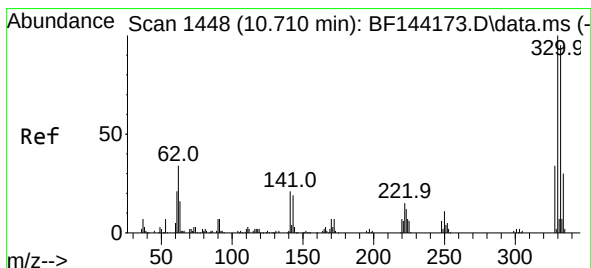
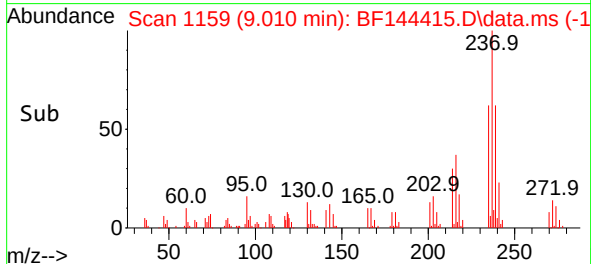
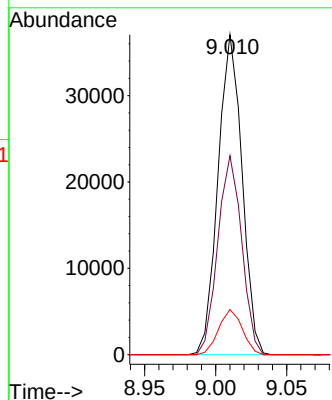
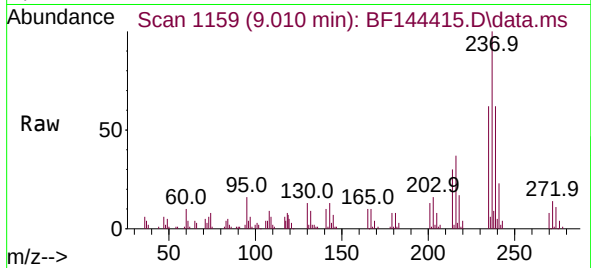




#41
Hexachlorocyclopentadiene
Concen: 37.126 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

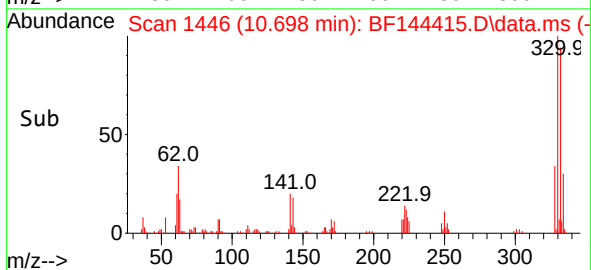
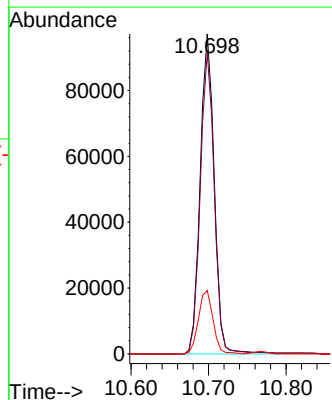
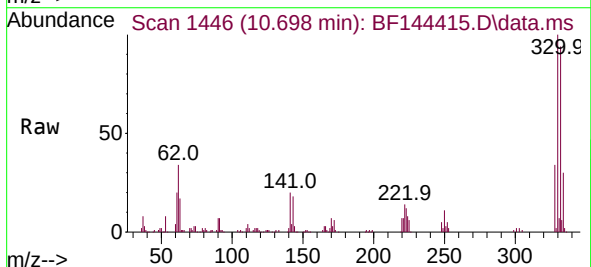
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

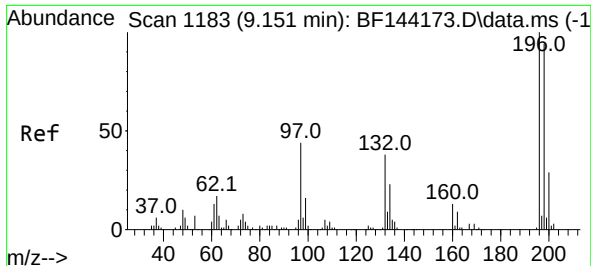
Tgt Ion:237 Resp: 43633
Ion Ratio Lower Upper
237 100
235 62.1 45.5 85.5
272 14.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 81.084 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

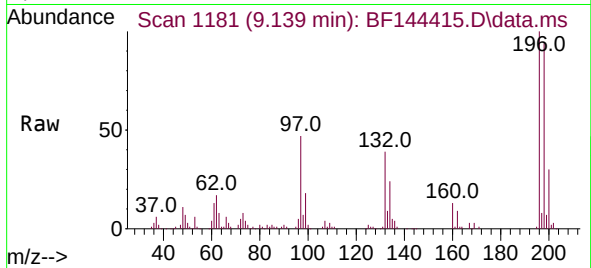
Tgt Ion:330 Resp: 122510
Ion Ratio Lower Upper
330 100
332 93.7 76.7 115.1
141 20.5 17.8 26.8



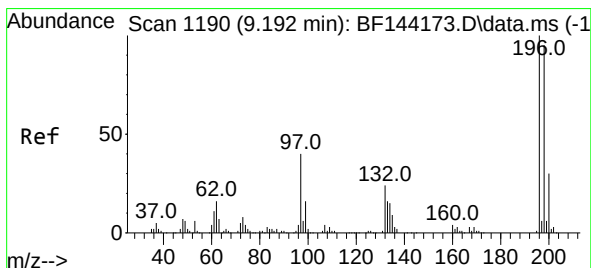
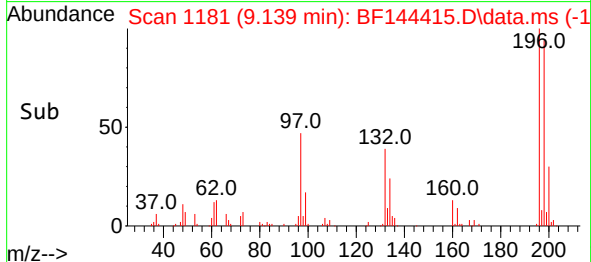
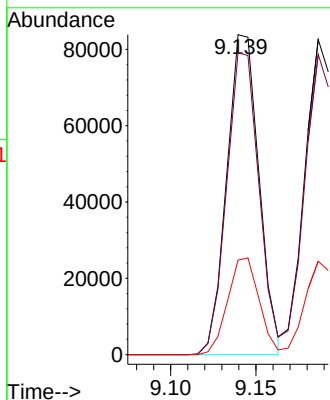


#43
2,4,6-Trichlorophenol
Concen: 41.039 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

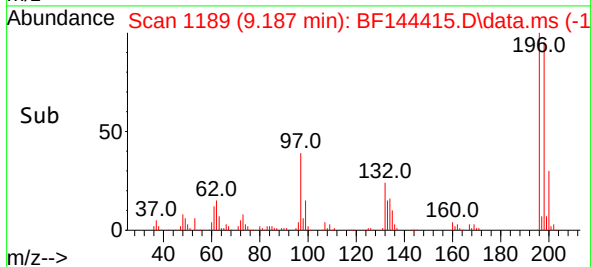
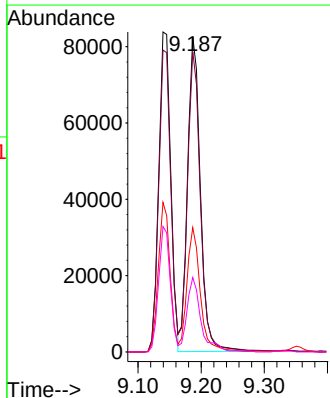
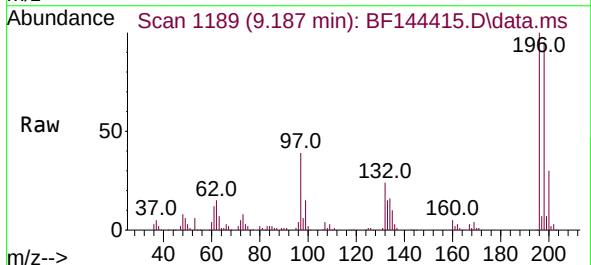


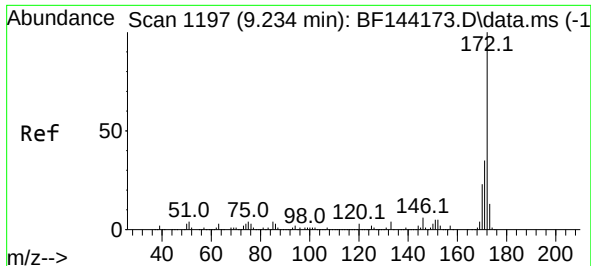
Tgt Ion:196 Resp: 110216
Ion Ratio Lower Upper
196 100
198 94.3 75.3 112.9
200 29.5 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 40.422 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:196 Resp: 117004
Ion Ratio Lower Upper
196 100
198 95.3 76.1 114.1
97 39.4 31.9 47.9
132 23.6 19.4 29.2

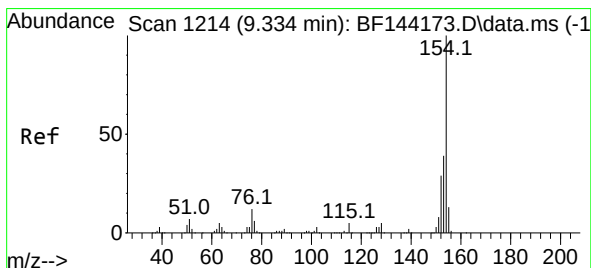
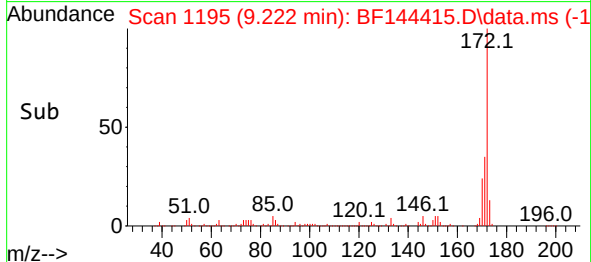
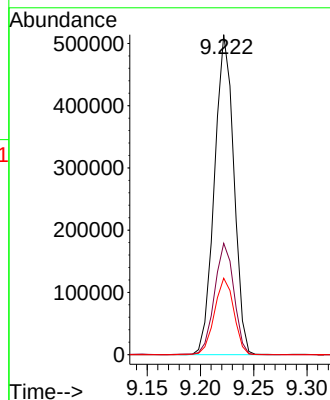
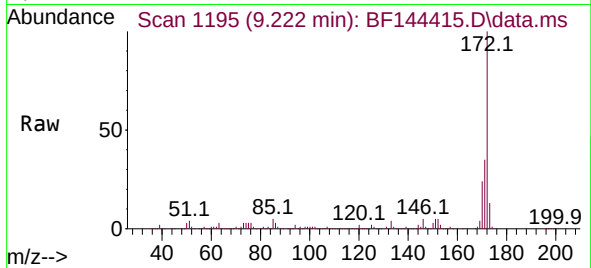




#45
2-Fluorobiphenyl
Concen: 79.888 ng
RT: 9.222 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

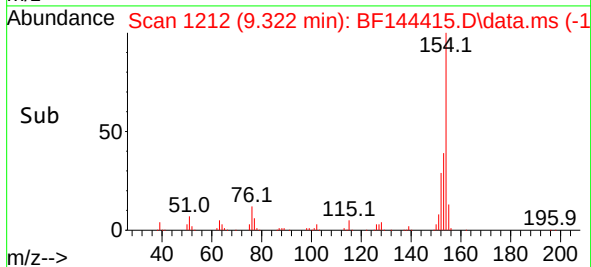
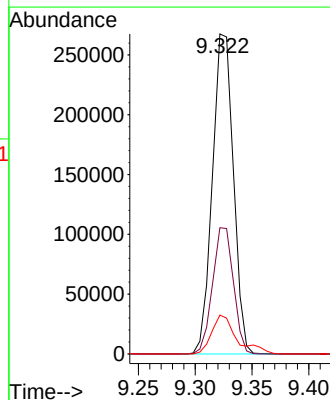
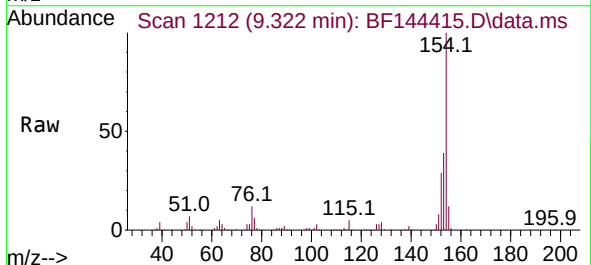
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

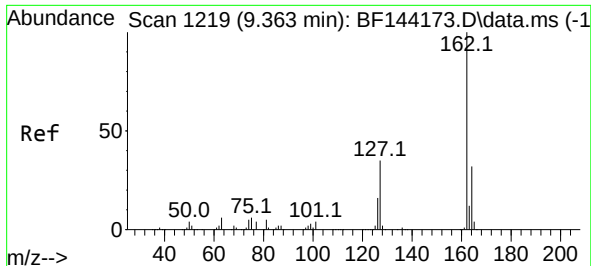
Tgt Ion:172 Resp: 651252
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.957 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:154 Resp: 344215
Ion Ratio Lower Upper
154 100
153 39.4 19.2 59.2
76 12.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.276 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

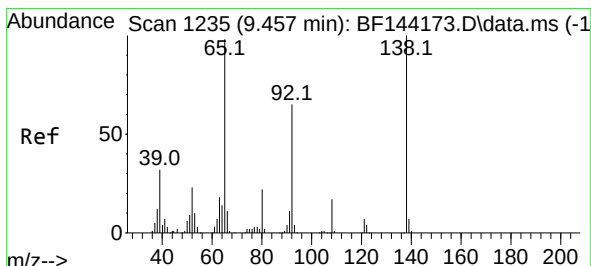
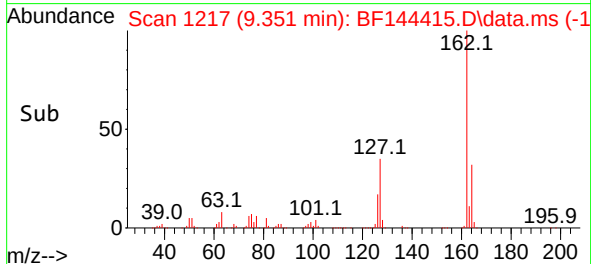
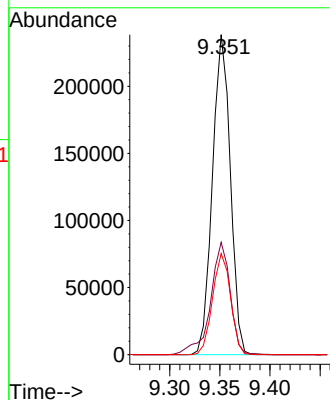
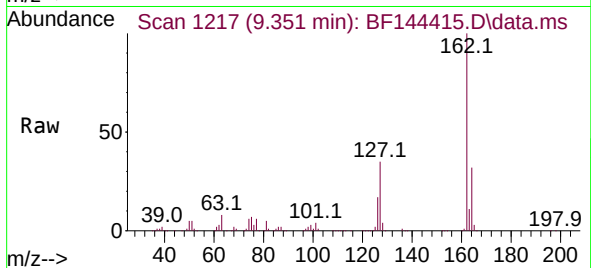
Tgt Ion:162 Resp: 295911

Ion Ratio Lower Upper

162 100

127 35.1 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 40.797 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

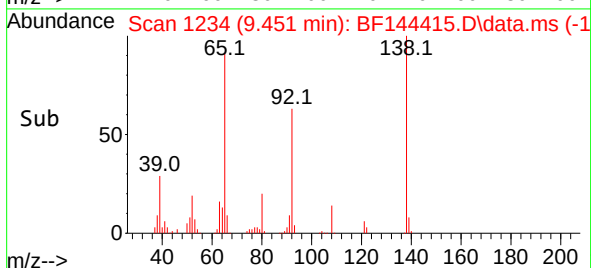
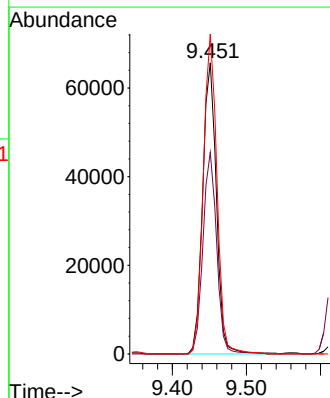
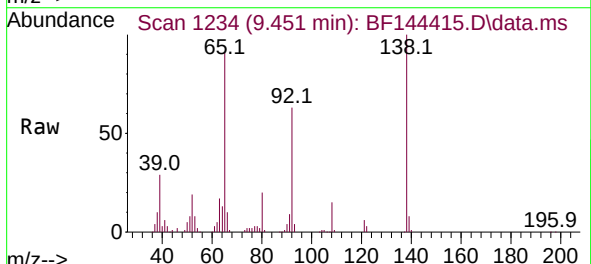
Tgt Ion: 65 Resp: 84388

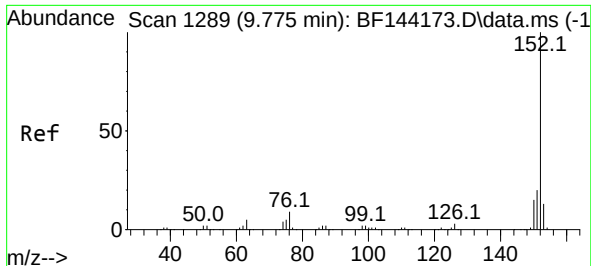
Ion Ratio Lower Upper

65 100

92 69.2 53.0 79.6

138 109.9 81.6 122.4





#49

Acenaphthylene

Concen: 40.246 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

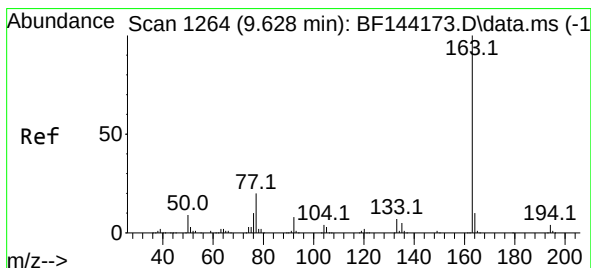
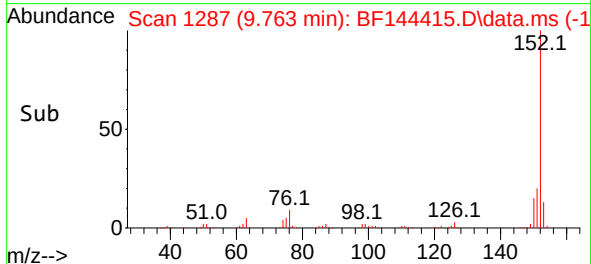
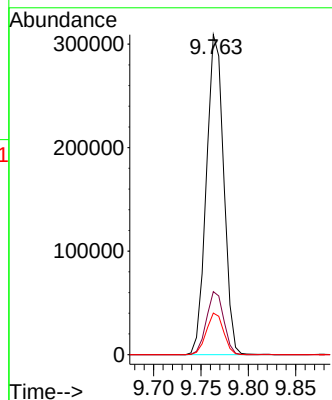
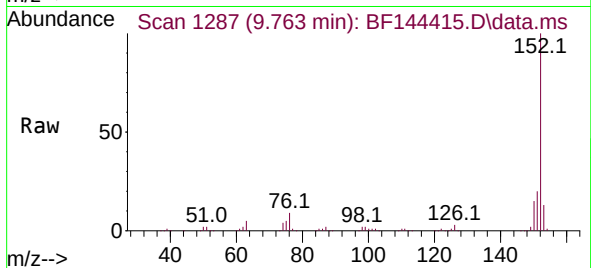
Tgt Ion:152 Resp: 393177

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 40.331 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

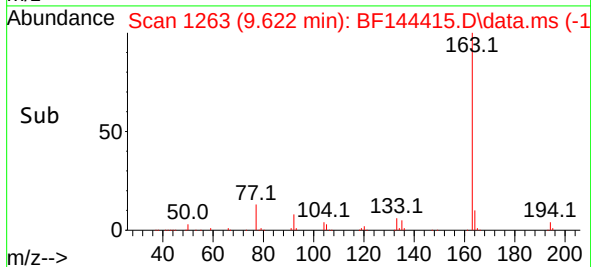
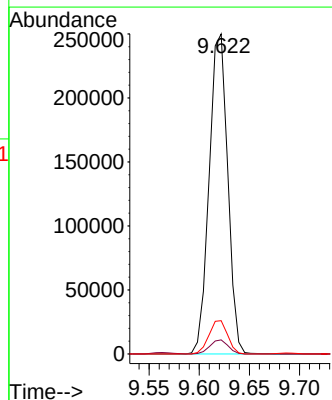
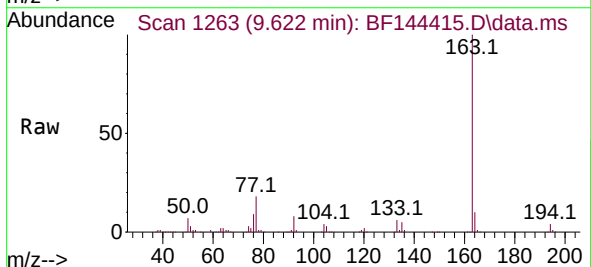
Tgt Ion:163 Resp: 321693

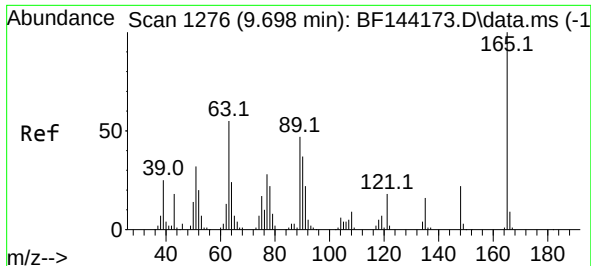
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.4 8.1 12.1

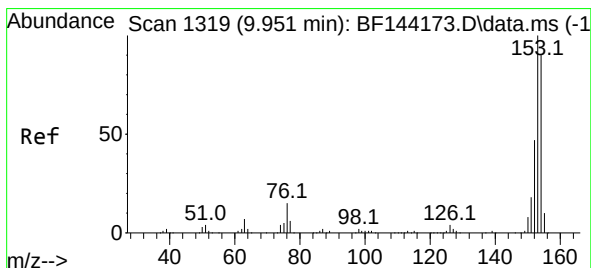
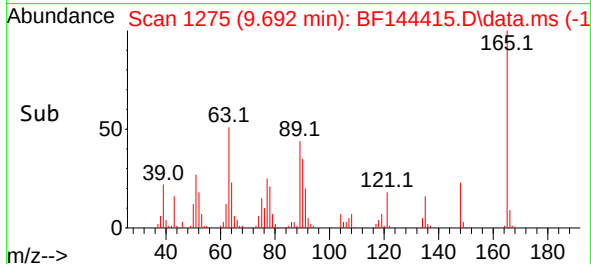
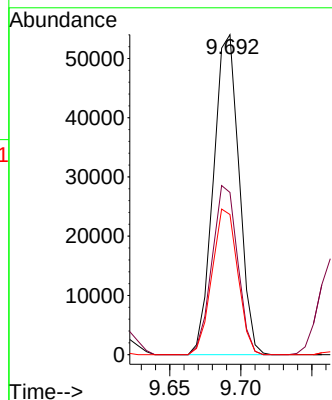
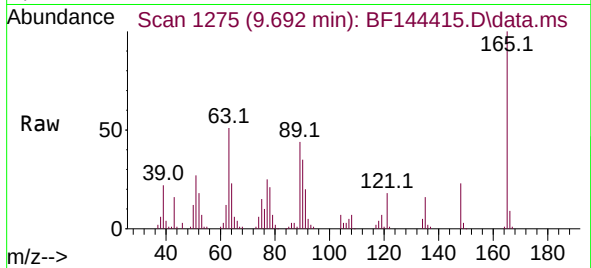




#51
2,6-Dinitrotoluene
Concen: 42.112 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

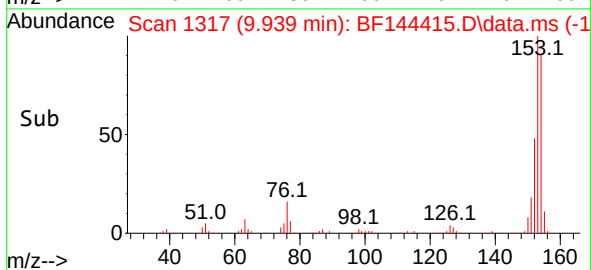
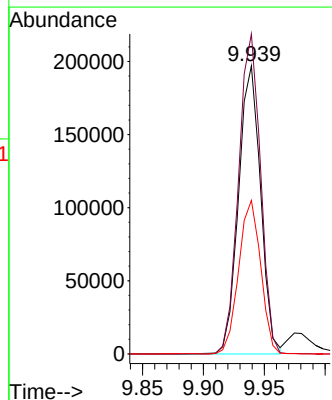
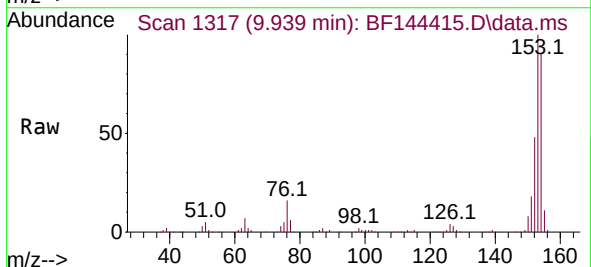
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

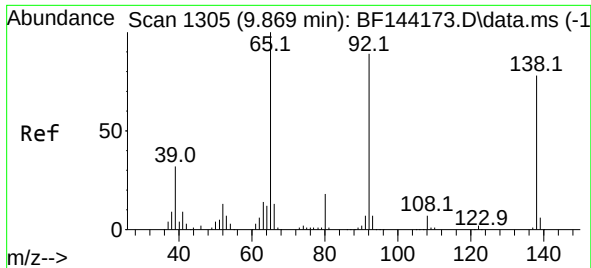
Tgt Ion:165 Resp: 67996
Ion Ratio Lower Upper
165 100
63 50.7 43.8 65.8
89 43.8 37.5 56.3



#52
Acenaphthene
Concen: 37.917 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:154 Resp: 247710
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 53.3 42.2 63.4

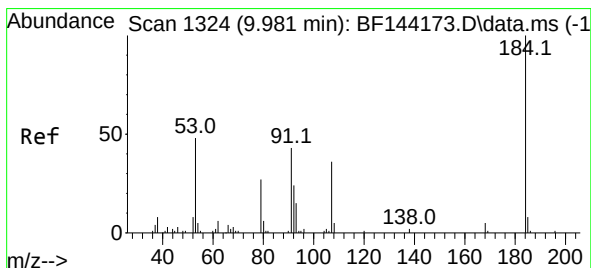
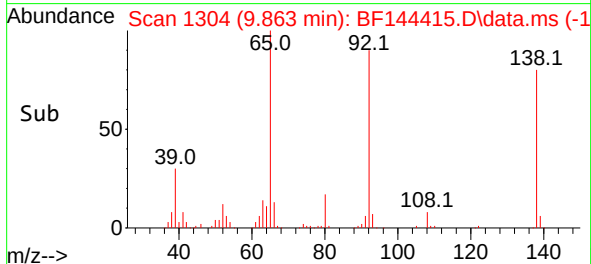
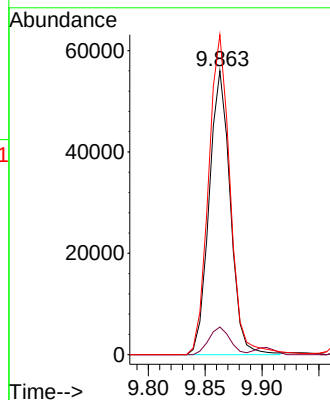
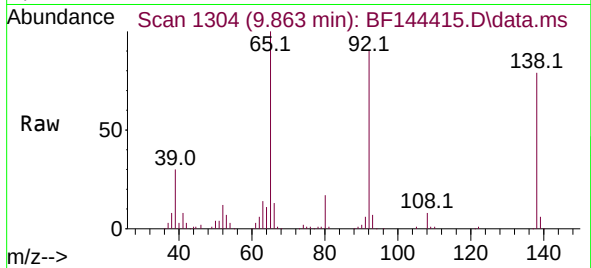




#53
3-Nitroaniline
Concen: 41.066 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

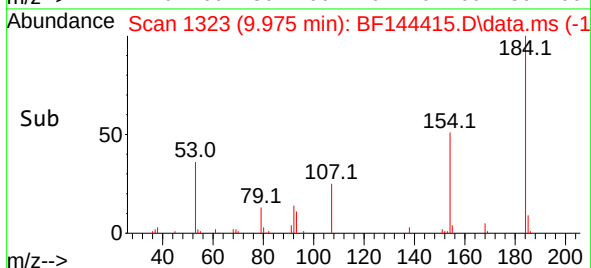
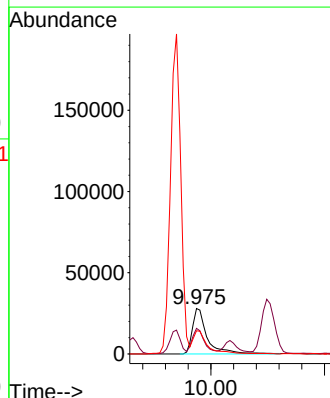
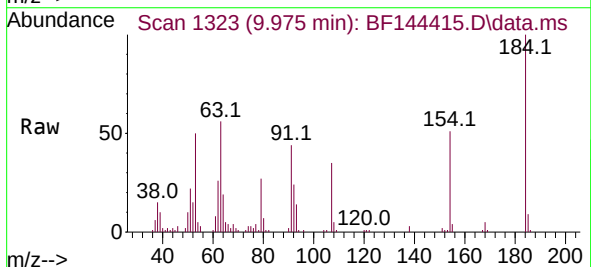
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

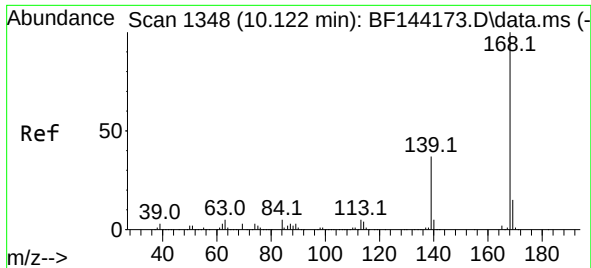
Tgt Ion:138 Resp: 72485
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 112.8 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 51.519 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:184 Resp: 50232
Ion Ratio Lower Upper
184 100
63 56.2 44.0 66.0
154 51.1 42.4 63.6

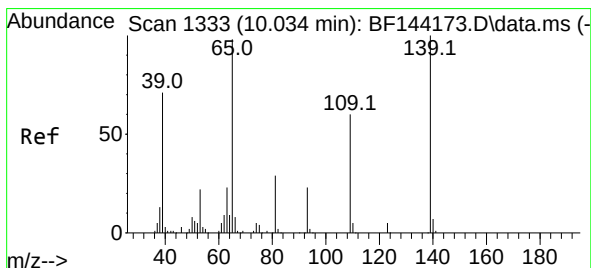
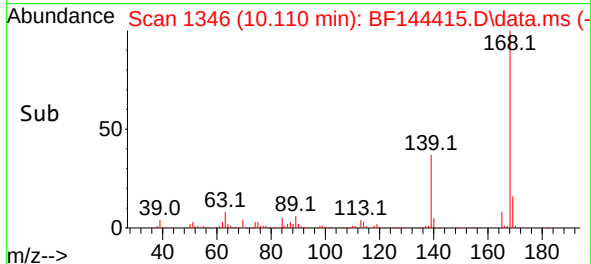
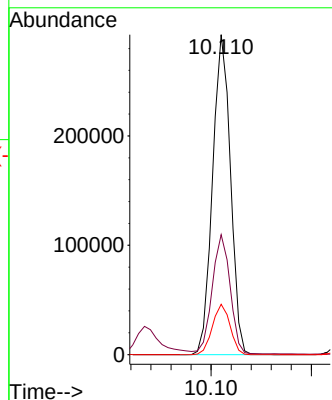
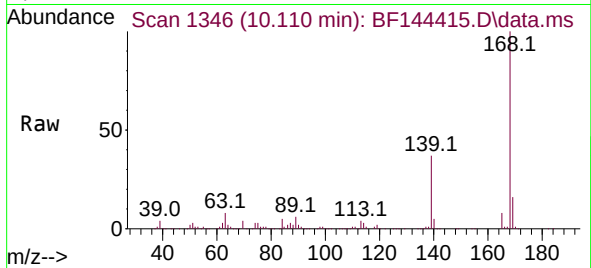




#55
Dibenzenofuran
Concen: 39.543 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

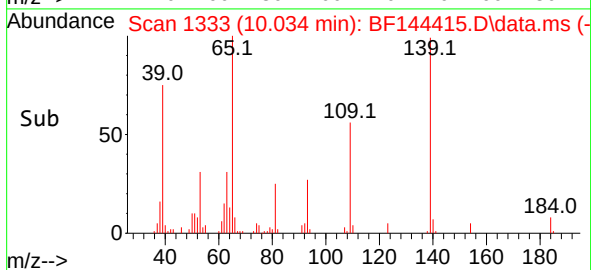
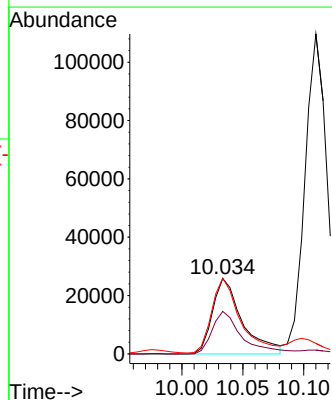
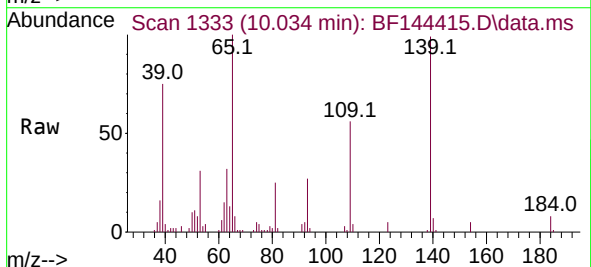
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

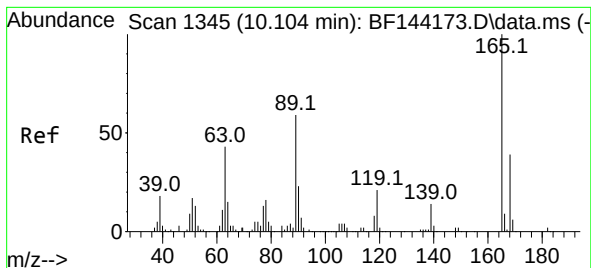
Tgt Ion:168 Resp: 361806
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.2
169 15.7 12.2 18.4



#56
4-Nitrophenol
Concen: 34.497 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:139 Resp: 44046
Ion Ratio Lower Upper
139 100
109 56.4 39.9 79.9
65 100.6 79.5 119.5

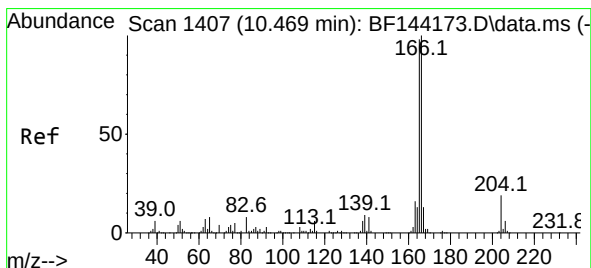
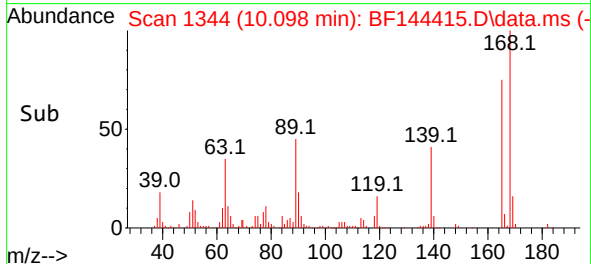
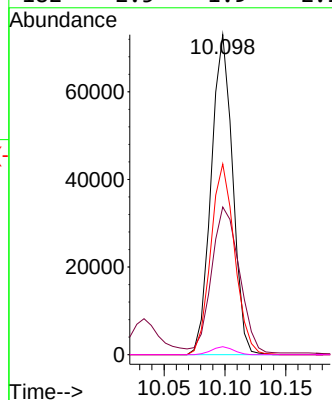
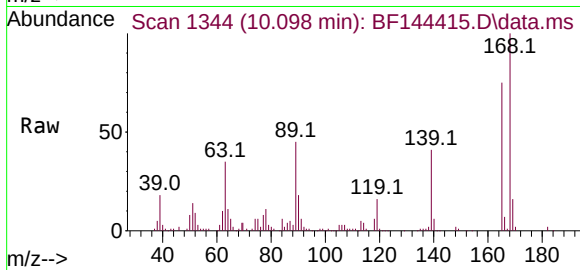




#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

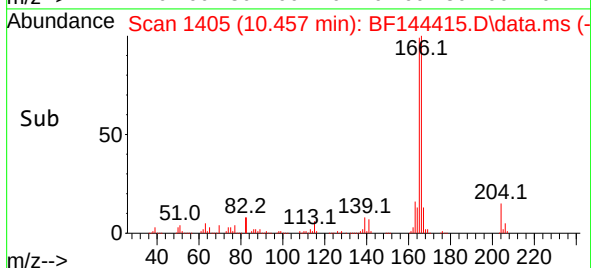
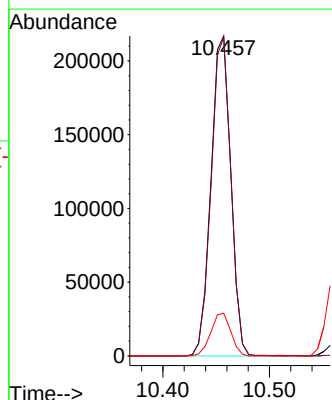
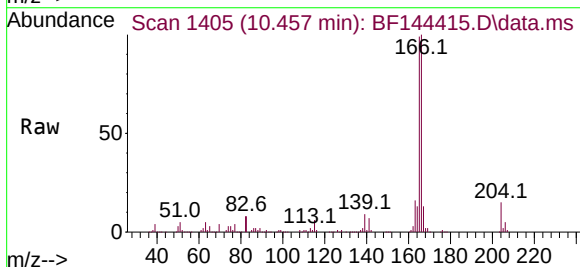
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

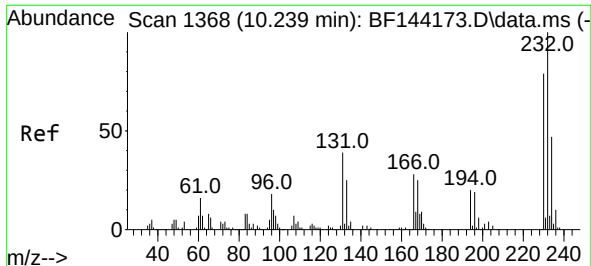
Tgt Ion:165 Resp: 89398
Ion Ratio Lower Upper
165 100
63 46.1 35.5 53.3
89 59.6 47.4 71.2
182 2.5 1.9 2.9



#58
Fluorene
Concen: 40.351 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:166 Resp: 280703
Ion Ratio Lower Upper
166 100
165 99.4 78.6 118.0
167 13.3 10.4 15.6



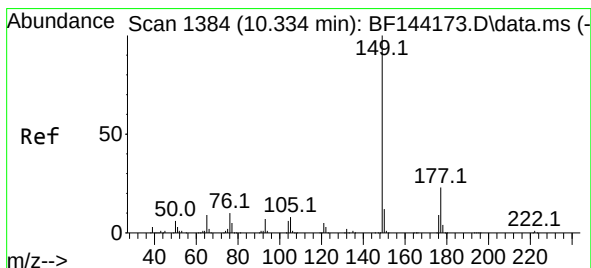
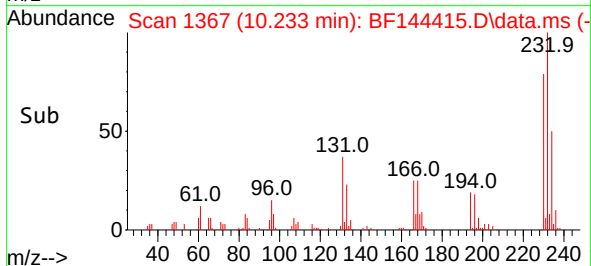
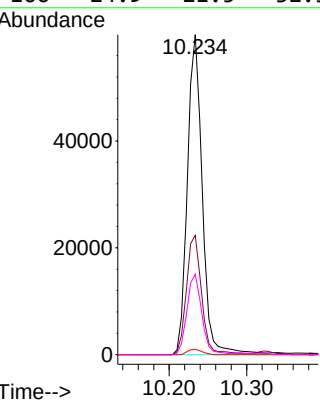
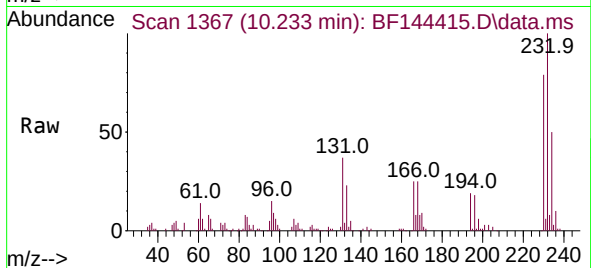


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.095 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 80063

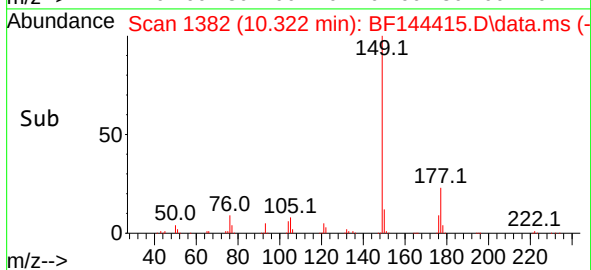
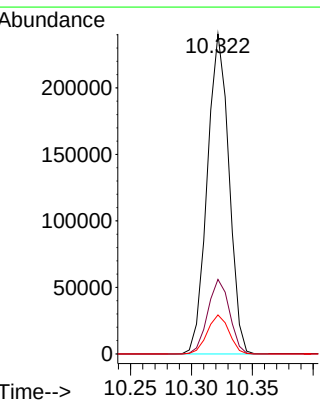
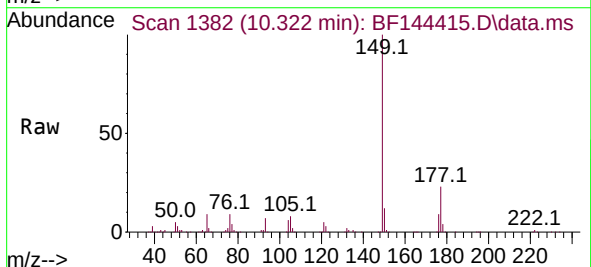
Ion	Ratio	Lower	Upper
232	100		
131	38.0	30.3	45.5
130	1.6	1.2	1.8
166	24.9	21.5	32.3

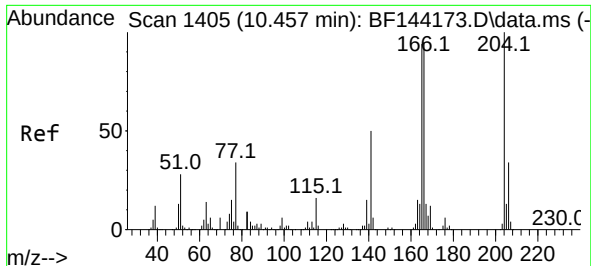


#60
Diethylphthalate
Concen: 40.499 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:149 Resp: 297785

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	12.2	9.8	14.6

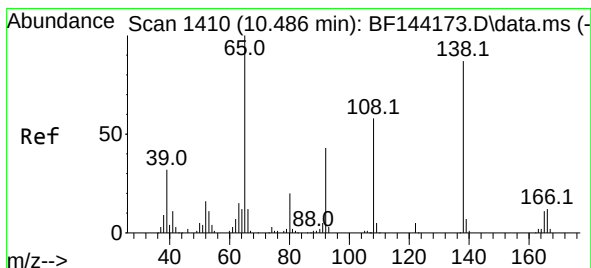
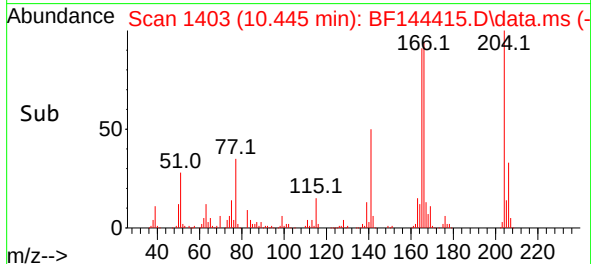
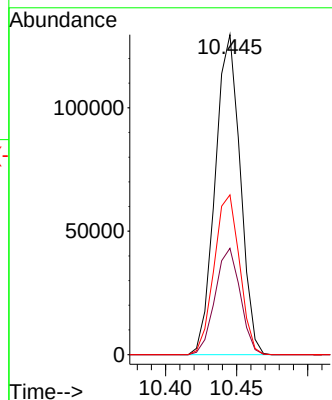
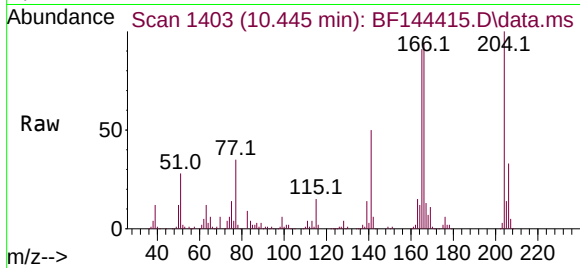




#61
4-Chlorophenyl-phenylether
Concen: 40.181 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

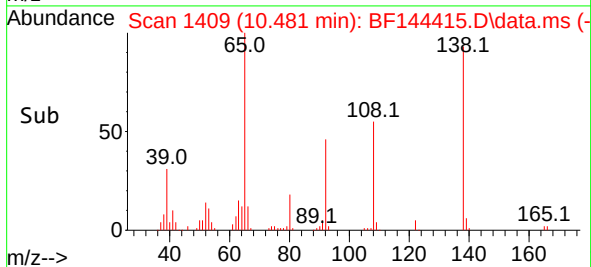
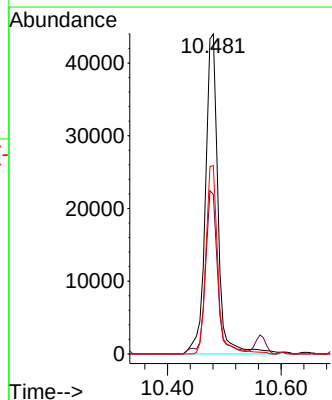
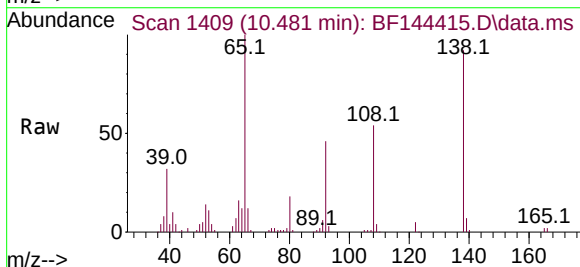
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

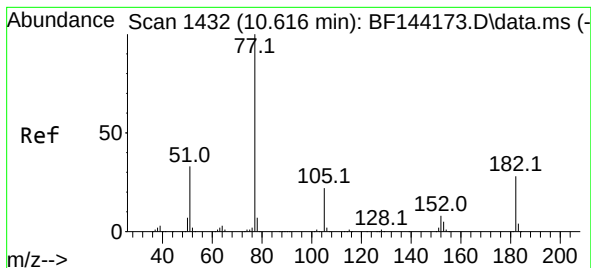
Tgt Ion:204 Resp: 159222
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 49.9 40.0 60.0



#62
4-Nitroaniline
Concen: 40.373 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:138 Resp: 67864
Ion Ratio Lower Upper
138 100
92 49.9 29.4 69.4
108 58.8 46.4 86.4





#63

Azobenzene

Concen: 40.661 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 278252

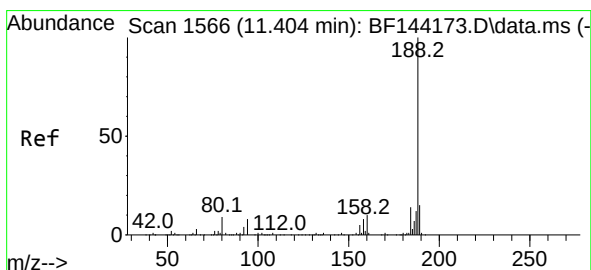
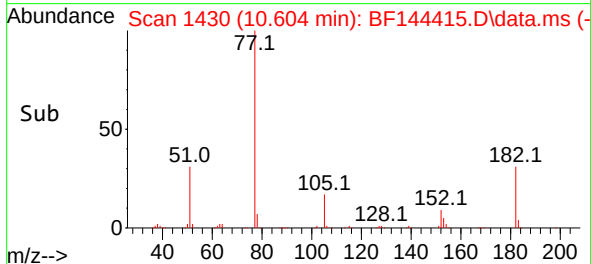
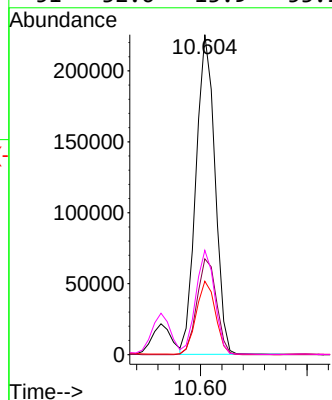
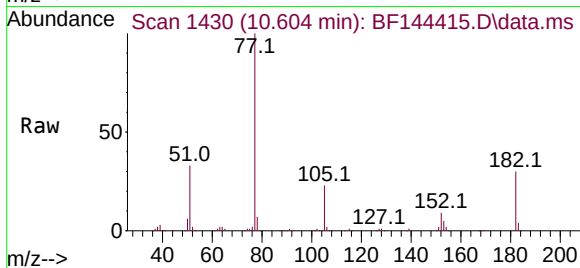
Ion Ratio Lower Upper

77 100

182 29.9 8.1 48.1

105 22.9 2.0 42.0

51 32.6 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

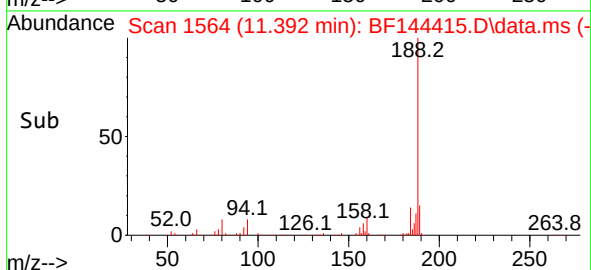
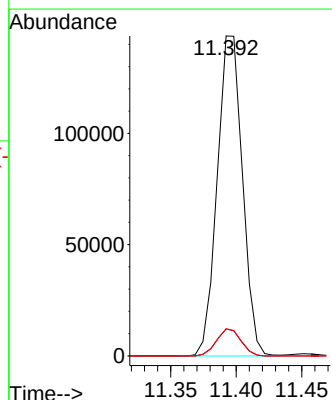
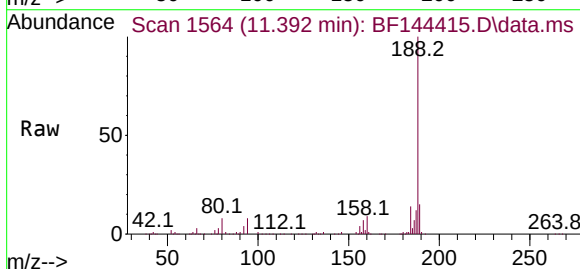
Tgt Ion:188 Resp: 192871

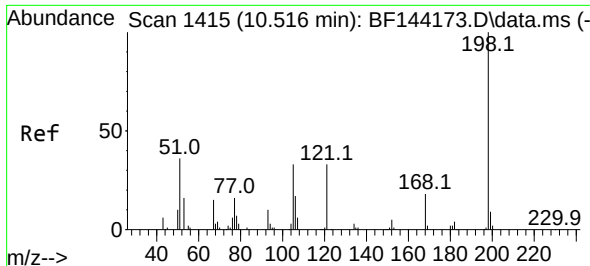
Ion Ratio Lower Upper

188 100

94 8.5 6.2 9.2

80 8.5 6.9 10.3

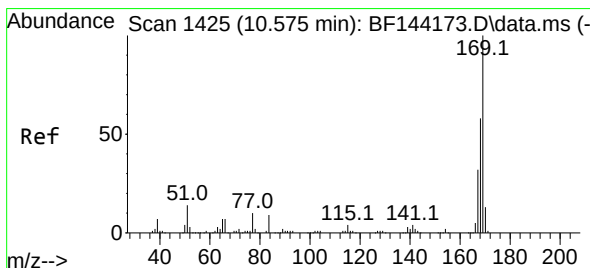
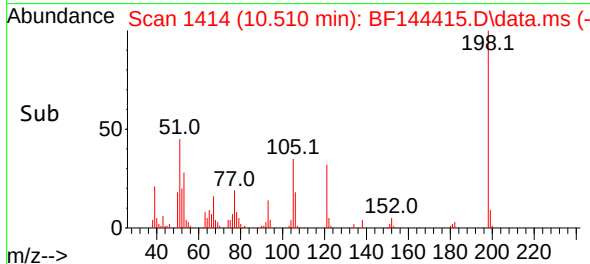
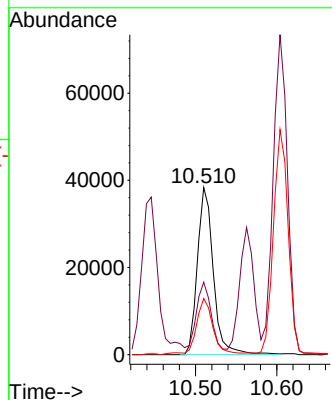
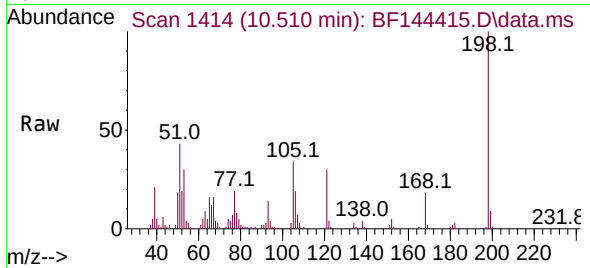




#65
4,6-Dinitro-2-methylphenol
Concen: 39.977 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

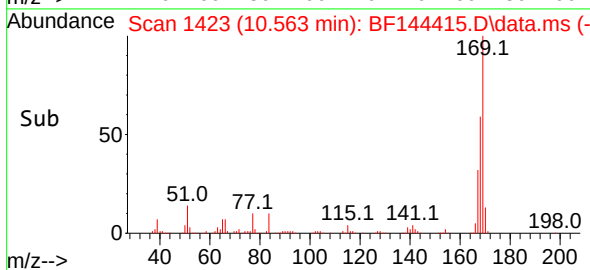
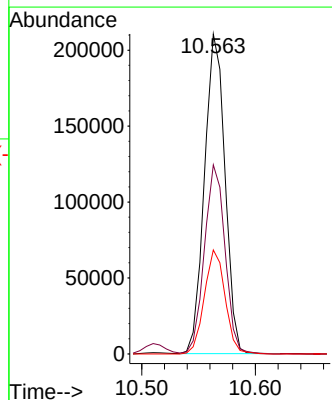
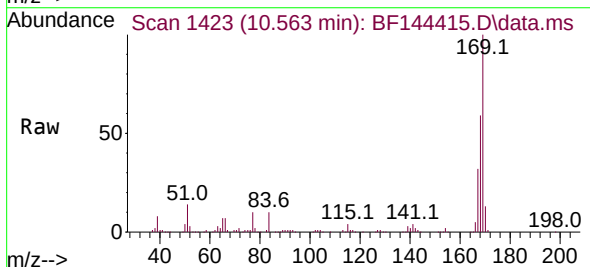
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

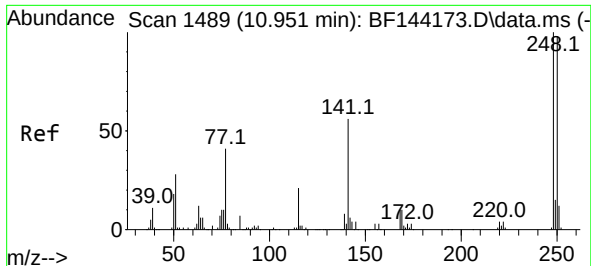
Tgt Ion:198 Resp: 52380
Ion Ratio Lower Upper
198 100
51 43.3 25.6 65.6
105 33.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 42.609 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:169 Resp: 264313
Ion Ratio Lower Upper
169 100
168 59.1 46.2 69.2
167 32.5 25.7 38.5

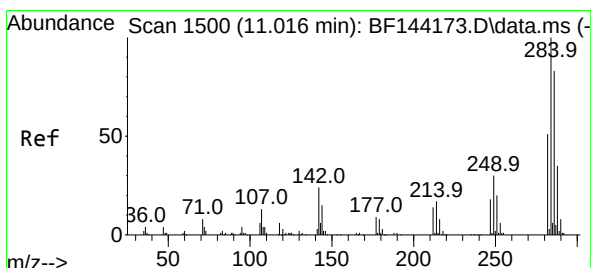
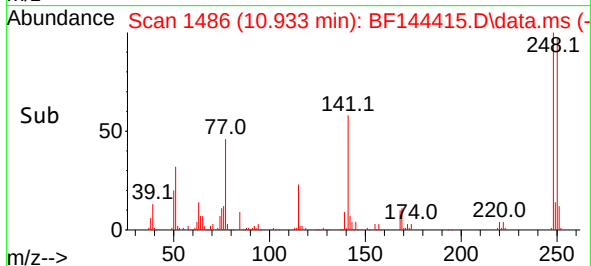
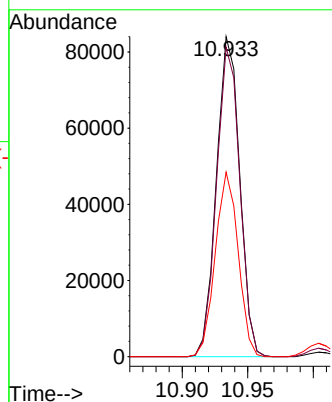
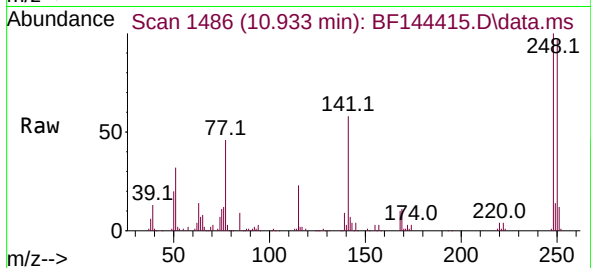




#67
4-Bromophenyl-phenylether
Concen: 42.367 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

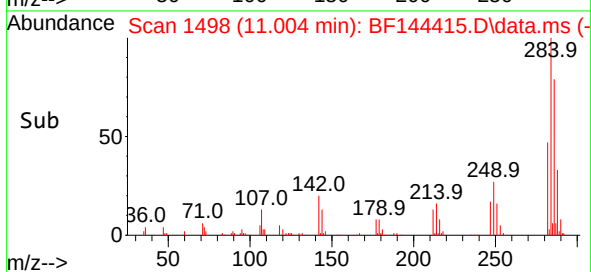
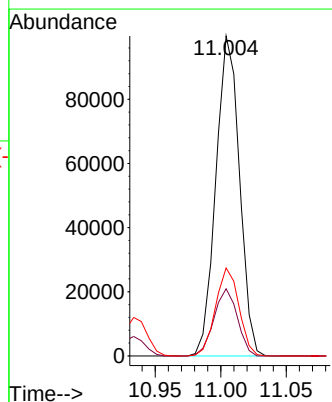
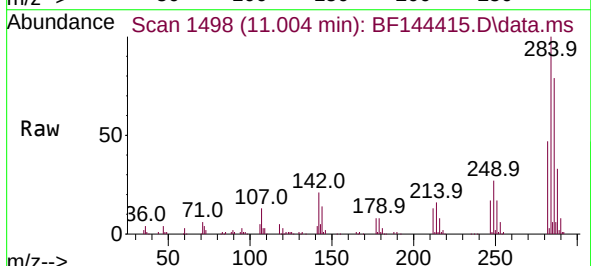
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

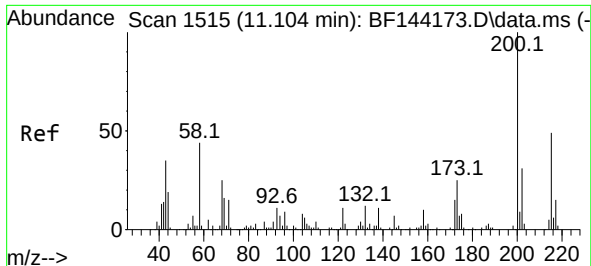
Tgt Ion:248 Resp: 104301
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 57.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 43.113 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:284 Resp: 125015
Ion Ratio Lower Upper
284 100
142 21.0 19.2 28.8
249 27.5 23.8 35.8

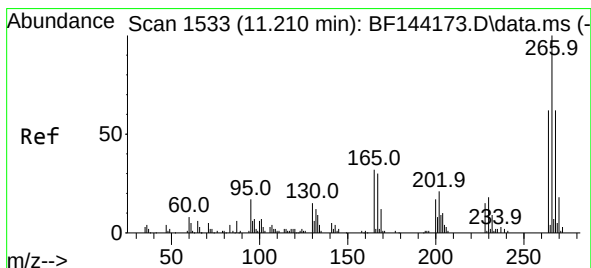
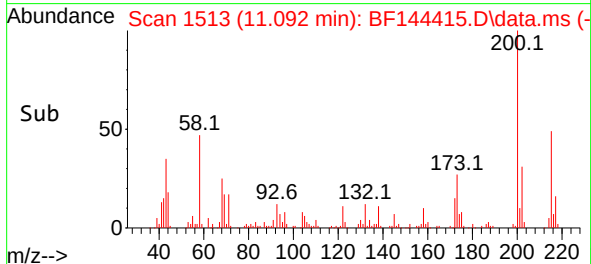
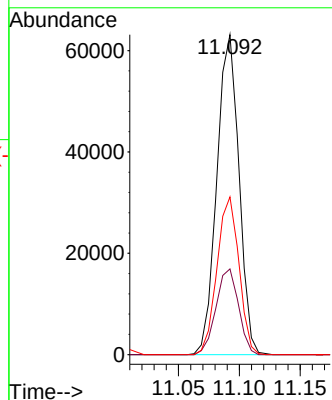
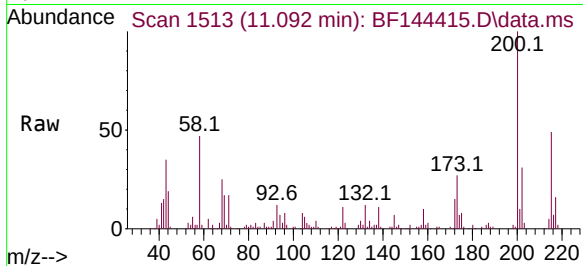




#69
Atrazine
Concen: 40.418 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

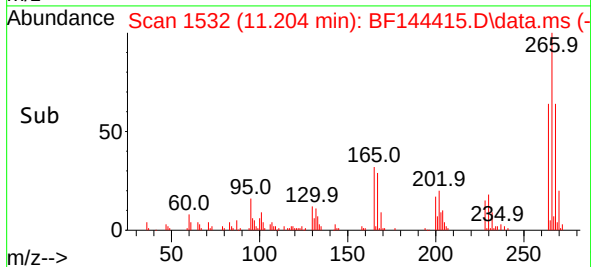
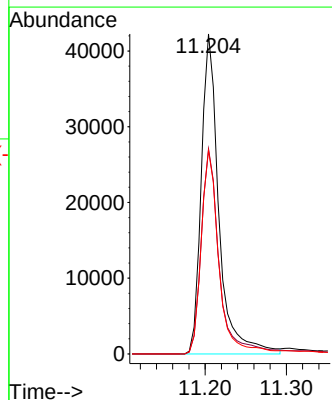
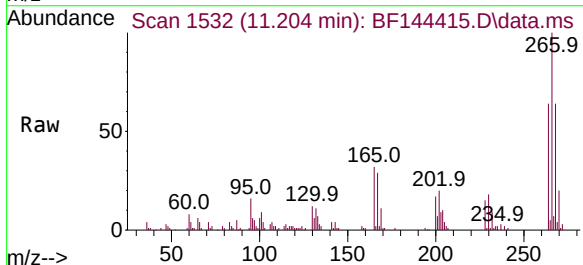
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

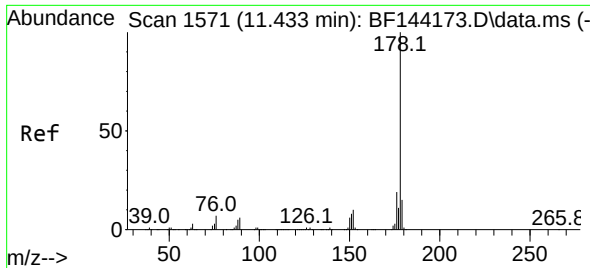
Tgt Ion:	200	Resp:	79735
Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.0	45.0
215	49.3	28.7	68.7



#70
Pentachlorophenol
Concen: 44.113 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:	266	Resp:	63696
Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.5	74.3
264	63.7	49.4	74.2

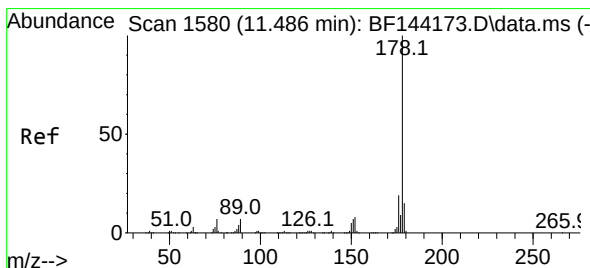
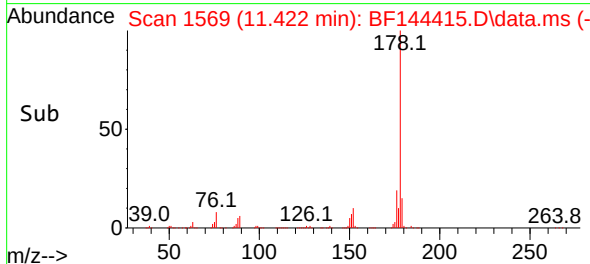
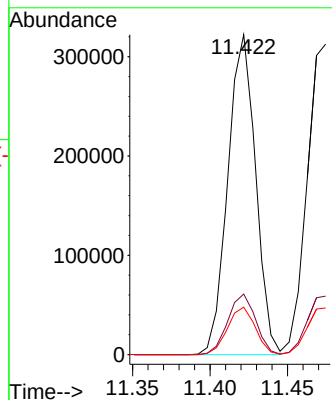
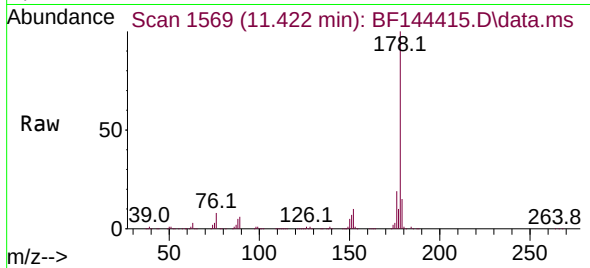




#71
Phenanthrene
Concen: 41.937 ng
RT: 11.422 min Scan# 11578
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

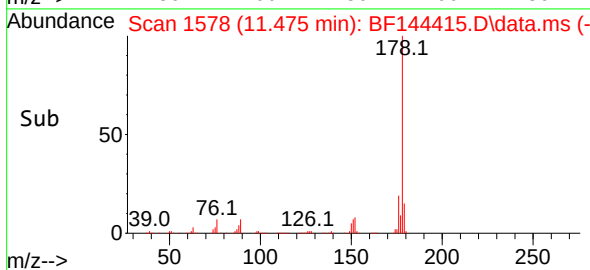
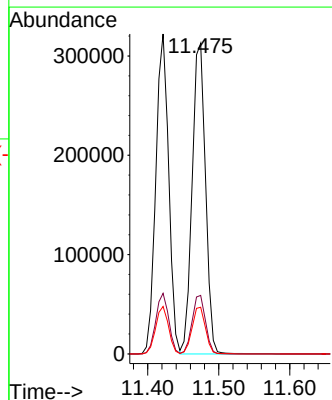
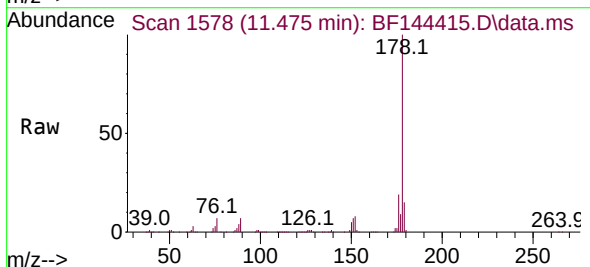
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

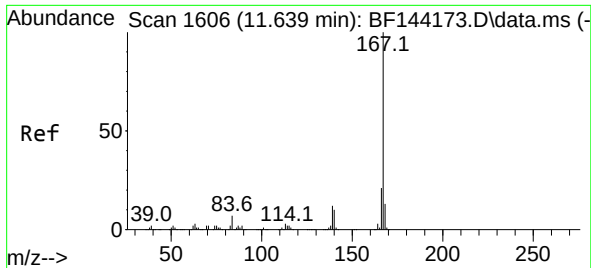
Tgt Ion:178 Resp: 402711
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 14.8 12.2 18.4



#72
Anthracene
Concen: 41.871 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:178 Resp: 408849
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.0 12.0 18.0

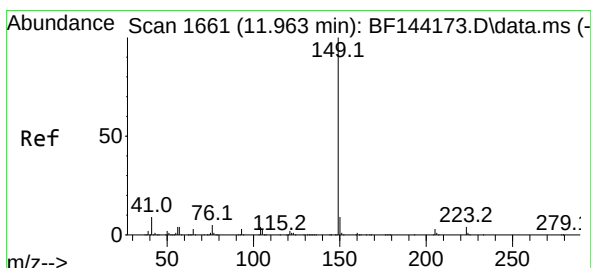
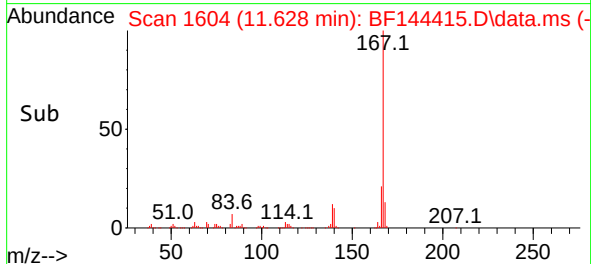
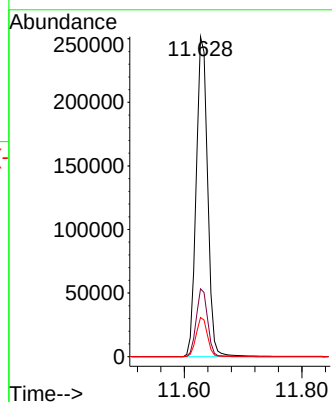
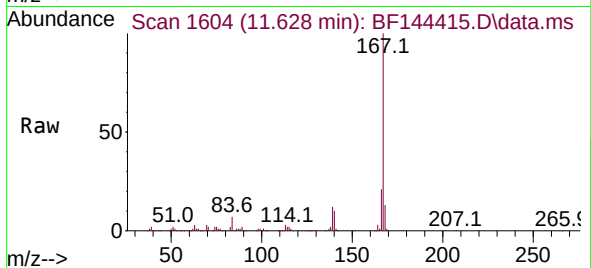




#73
 Carbazole
 Concen: 40.819 ng
 RT: 11.628 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

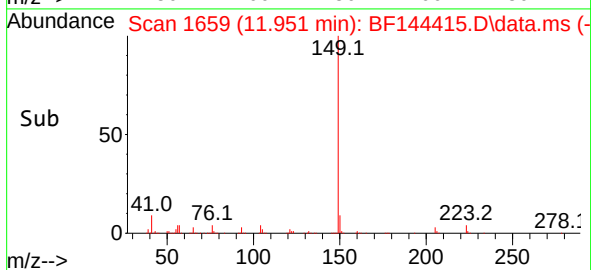
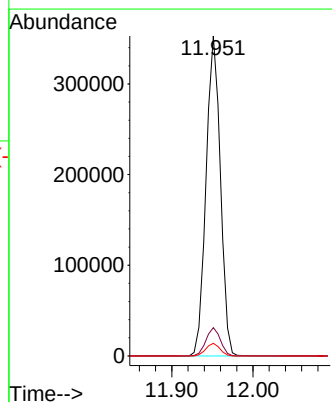
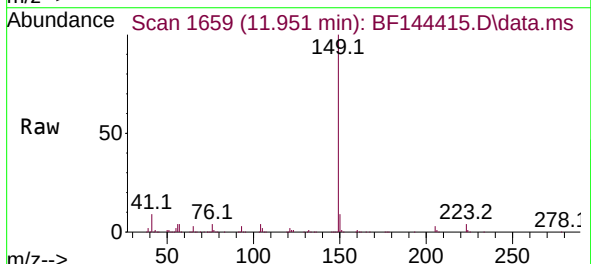
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

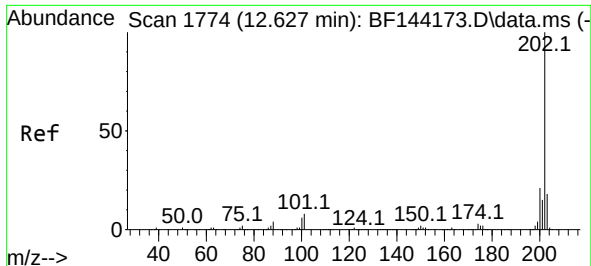
Tgt Ion:167 Resp: 338923
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.2 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 43.172 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

Tgt Ion:149 Resp: 433330
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 3.9 3.4 5.2

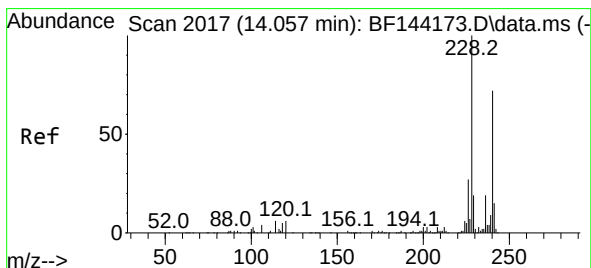
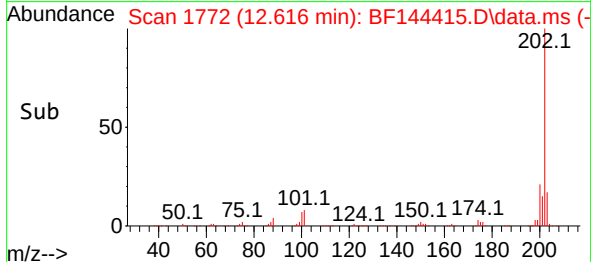
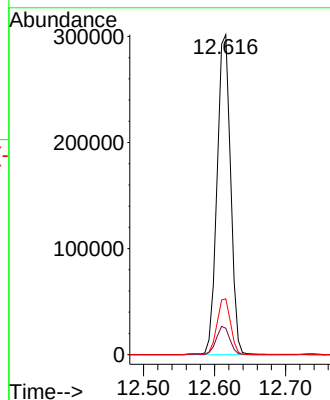
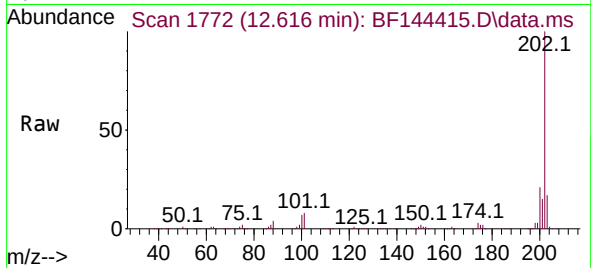




#75
Fluoranthene
Concen: 40.340 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

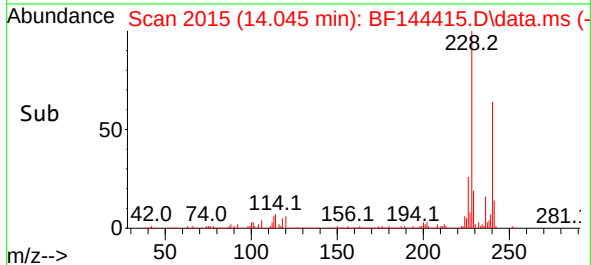
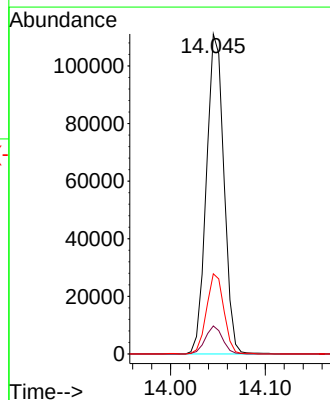
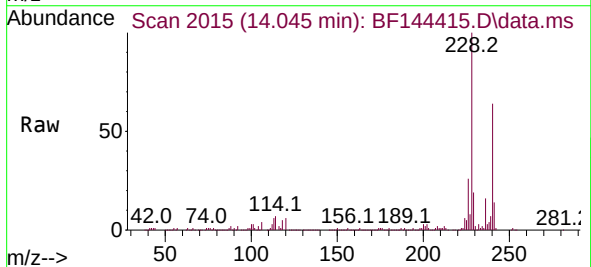
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

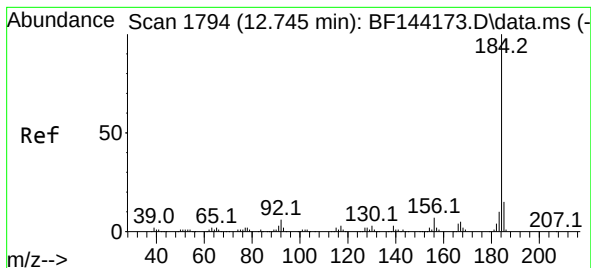
Tgt Ion:202	Resp:	400164
Ion Ratio	Lower	Upper
202	100	
101	8.2	0.0 27.9
203	17.4	0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:240	Resp:	142815
Ion Ratio	Lower	Upper
240	100	
120	8.7	6.6 10.0
236	25.0	21.4 32.2





#77

Benzidine

Concen: 48.513 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

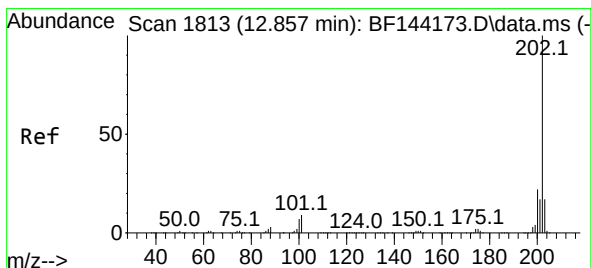
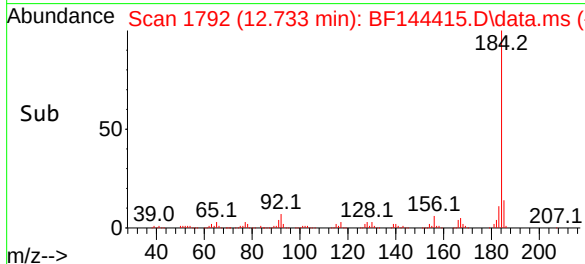
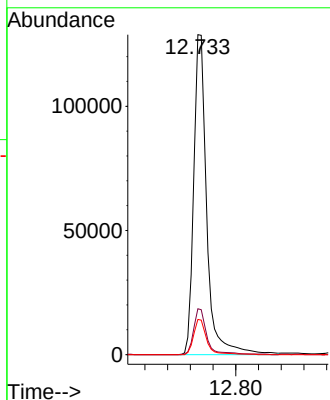
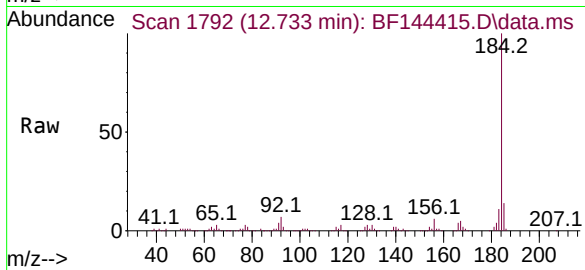
Tgt Ion:184 Resp: 204936

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.0 8.3 12.5



#78

Pyrene

Concen: 36.053 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

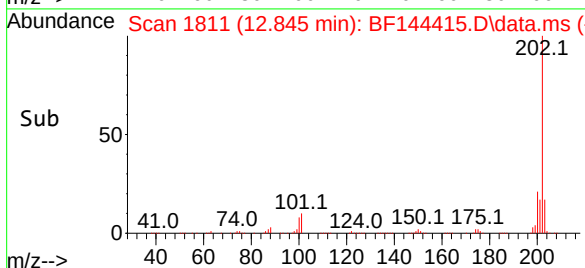
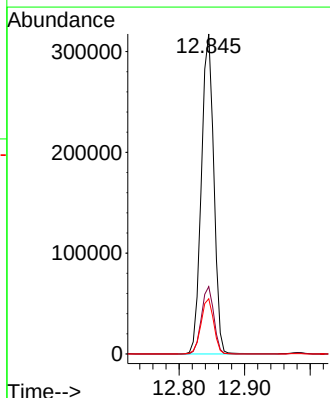
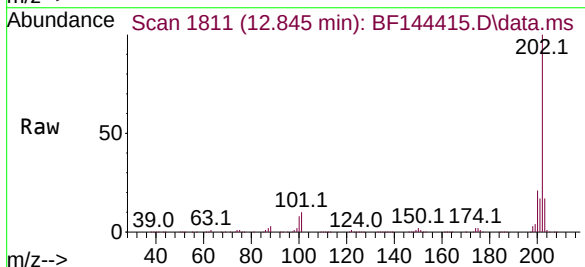
Tgt Ion:202 Resp: 415153

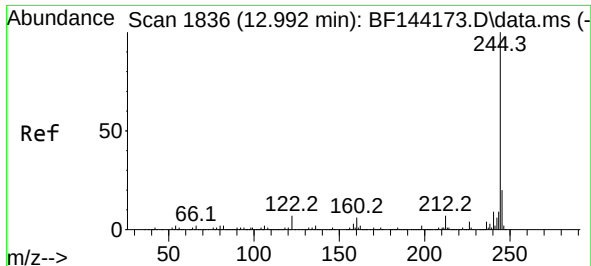
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.2 13.7 20.5

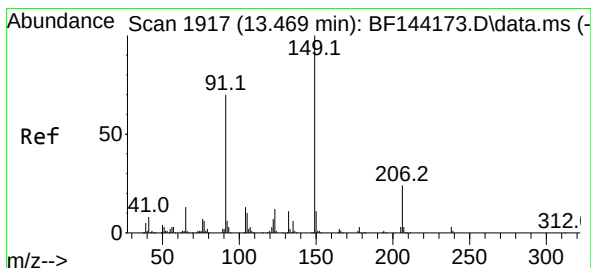
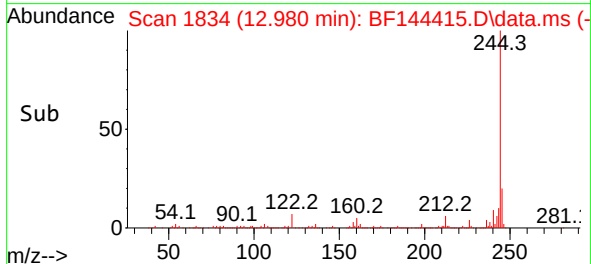
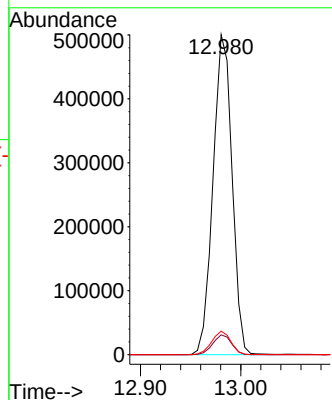
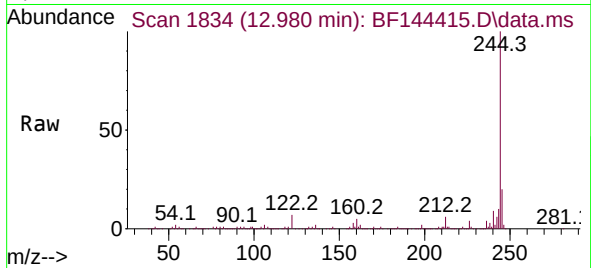




#79
 Terphenyl-d14
 Concen: 73.382 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

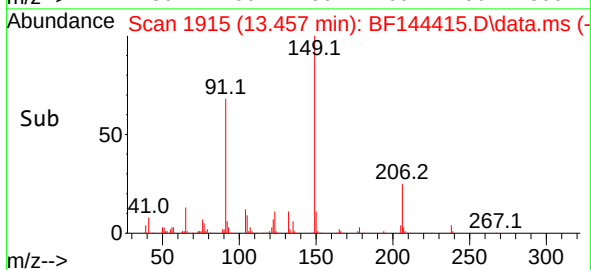
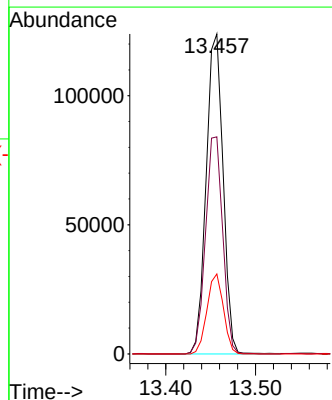
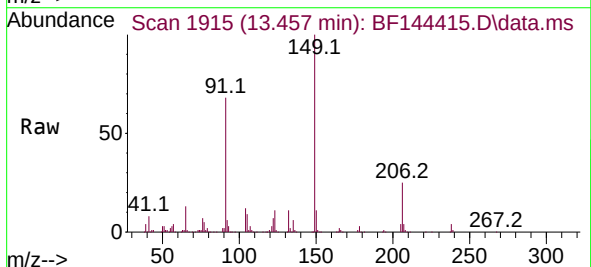
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

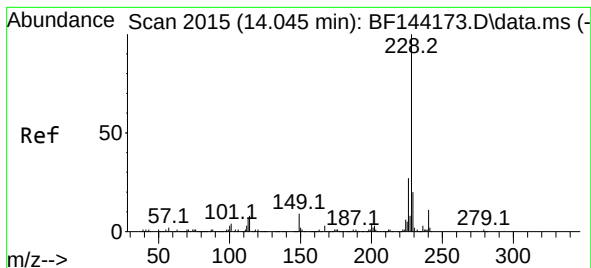
Tgt Ion:244 Resp: 659787
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.3 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 40.647 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144415.D
 Acq: 03 Dec 2025 12:25

Tgt Ion:149 Resp: 162220
 Ion Ratio Lower Upper
 149 100
 91 67.8 56.1 84.1
 206 25.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 41.924 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

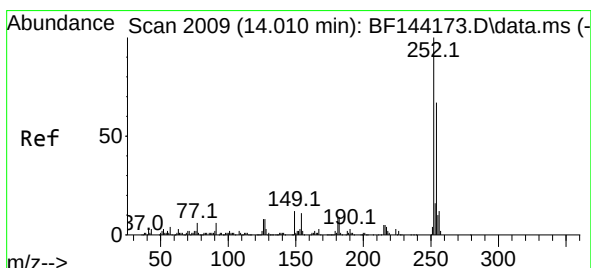
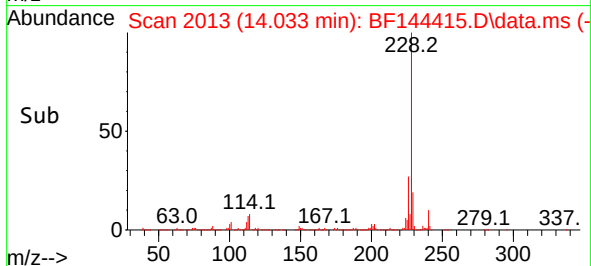
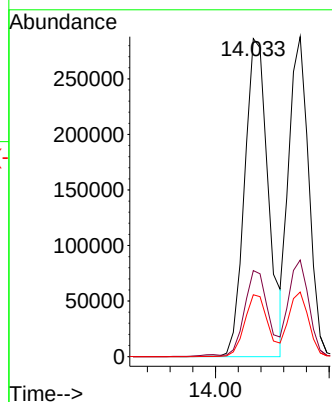
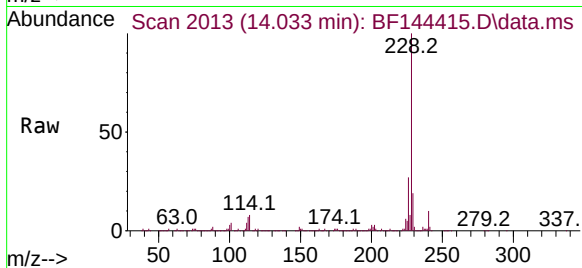
Tgt Ion:228 Resp: 414970

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.733 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

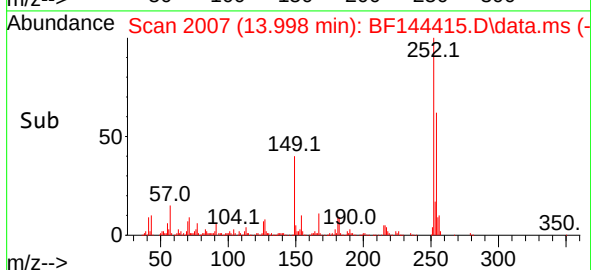
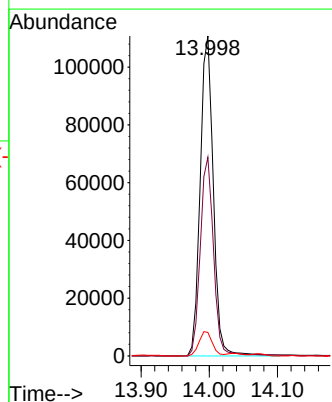
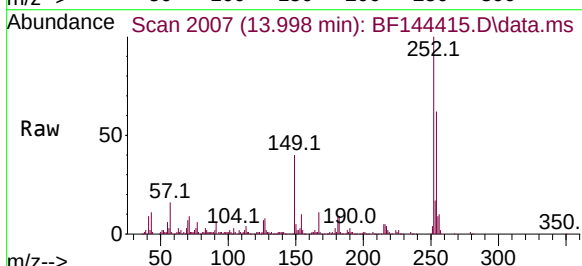
Tgt Ion:252 Resp: 148378

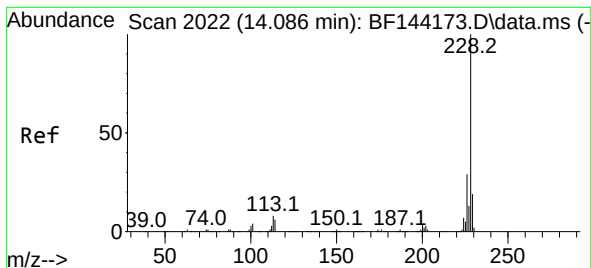
Ion Ratio Lower Upper

252 100

254 62.1 53.5 80.3

126 7.3 6.4 9.6





#83

Chrysene

Concen: 38.562 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

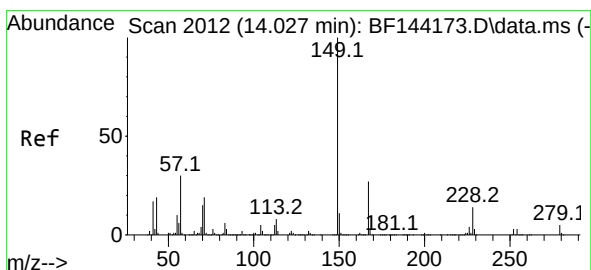
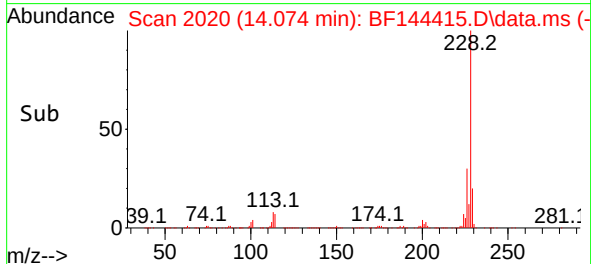
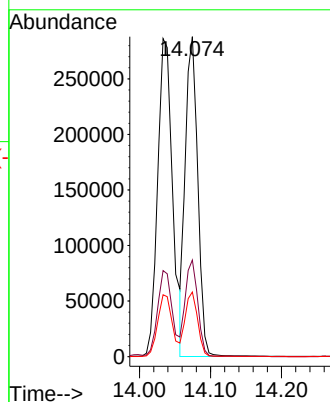
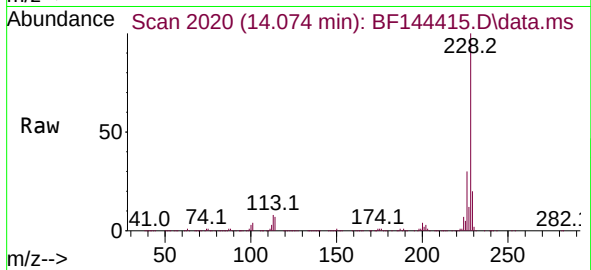
Tgt Ion:228 Resp: 352349

Ion Ratio Lower Upper

228 100

226 30.2 22.9 34.3

229 20.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.006 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

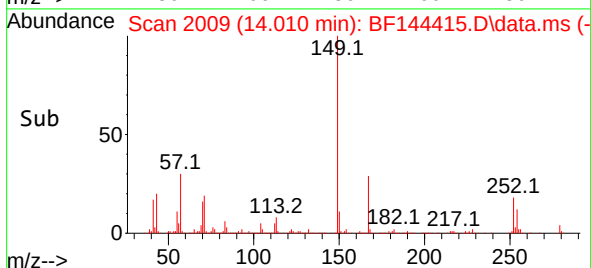
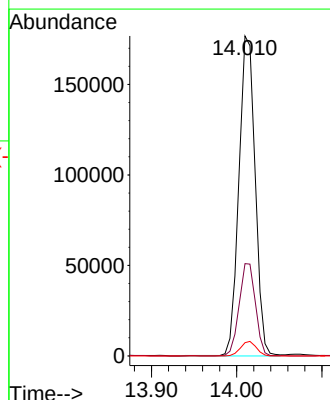
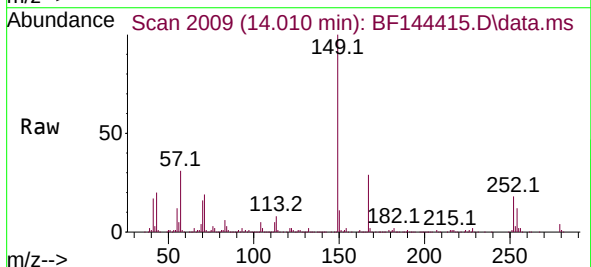
Tgt Ion:149 Resp: 234960

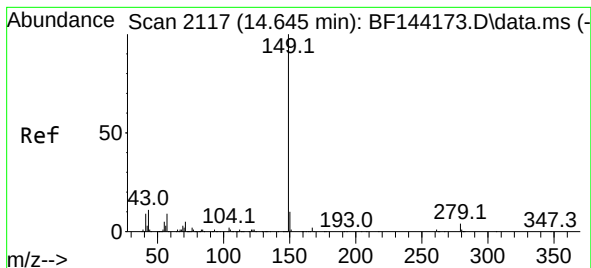
Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.8

279 4.1 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 46.966 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

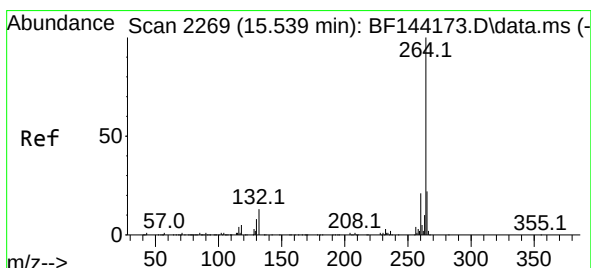
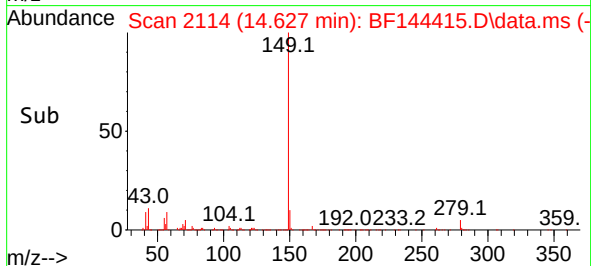
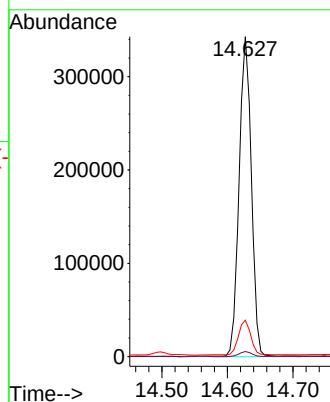
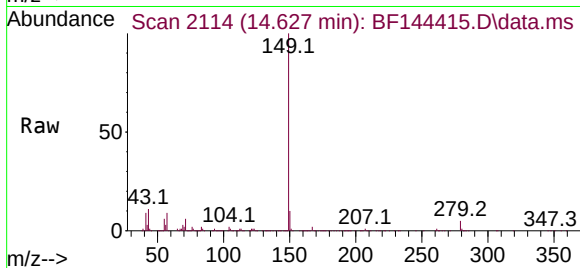
Tgt Ion:149 Resp: 442714

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 11.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

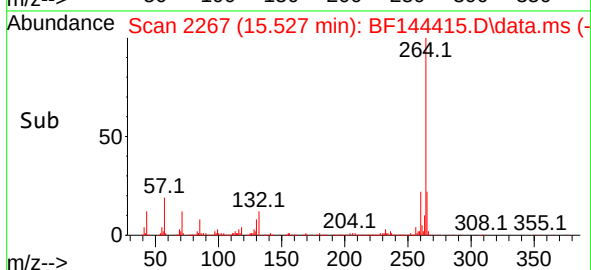
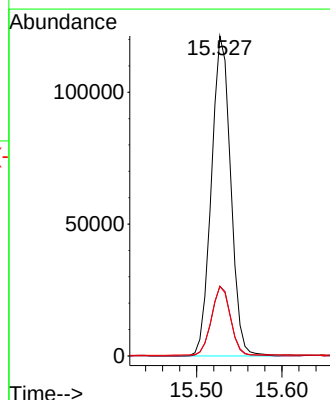
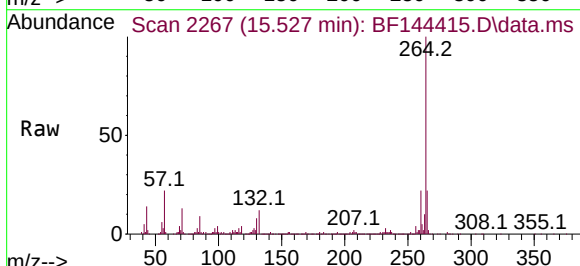
Tgt Ion:264 Resp: 191200

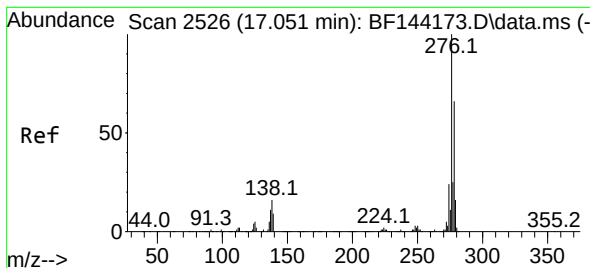
Ion Ratio Lower Upper

264 100

260 21.8 17.1 25.7

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.413 ng

RT: 17.045 min Scan# 2194

Delta R.T. 0.012 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

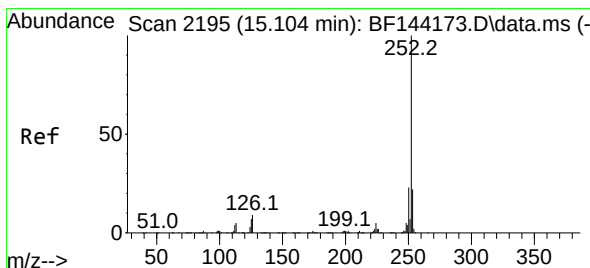
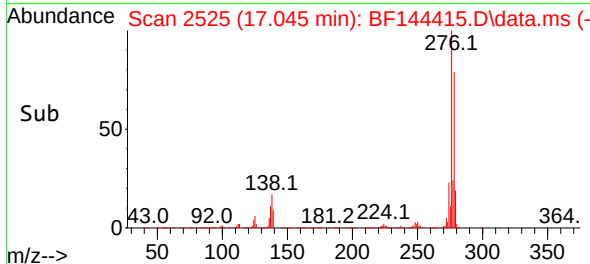
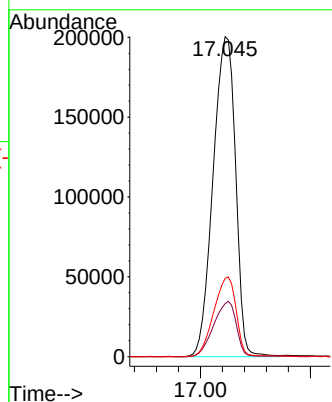
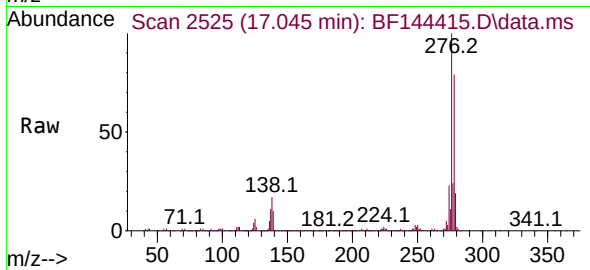
Tgt Ion:276 Resp: 568402

Ion Ratio Lower Upper

276 100

138 17.5 13.9 20.9

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 41.829 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

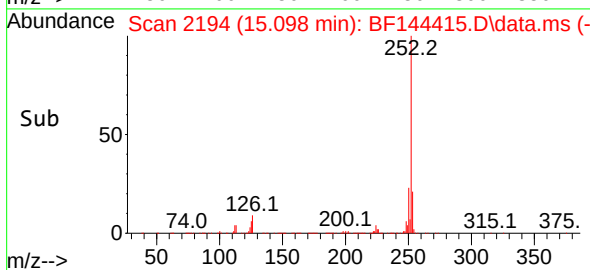
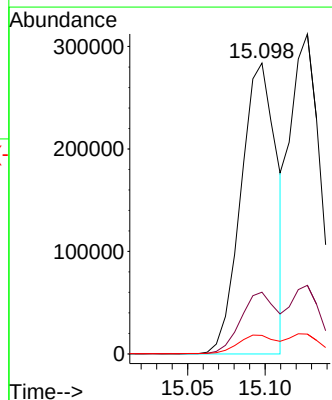
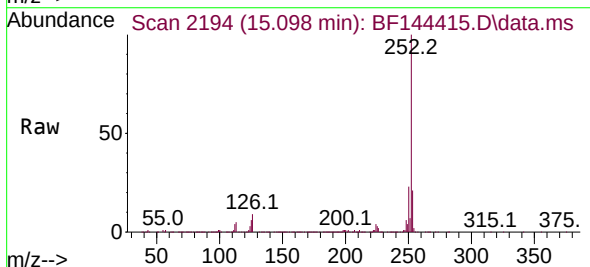
Tgt Ion:252 Resp: 454684

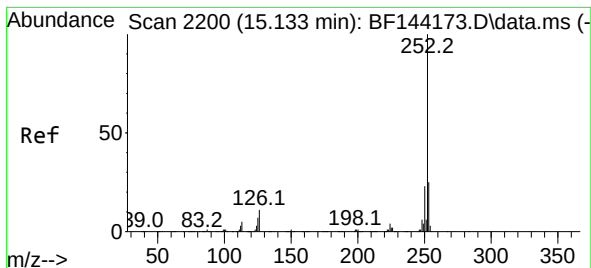
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 6.4 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 41.085 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

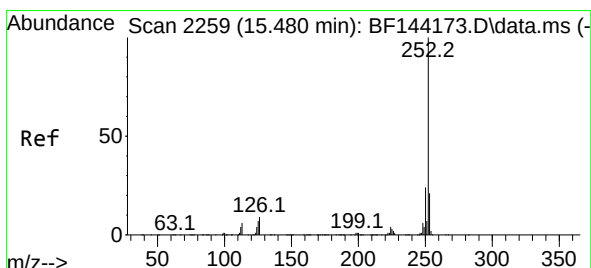
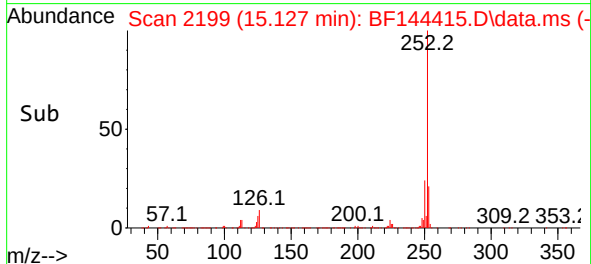
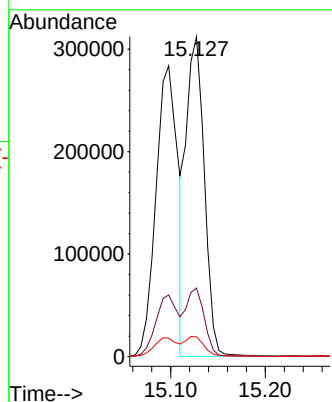
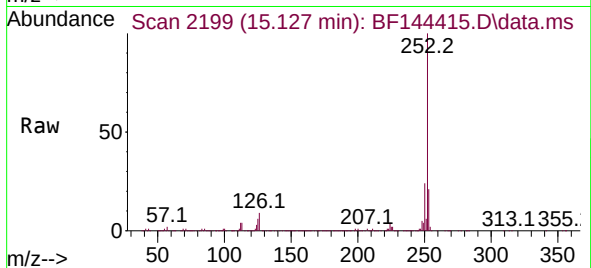
Tgt Ion:252 Resp: 418012

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.732 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144415.D

Acq: 03 Dec 2025 12:25

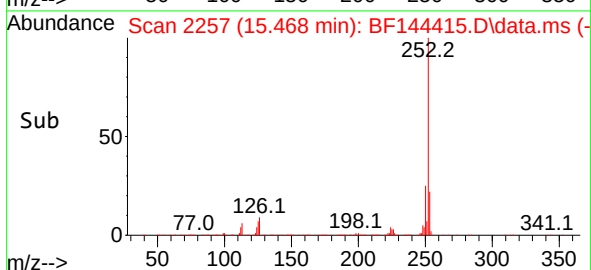
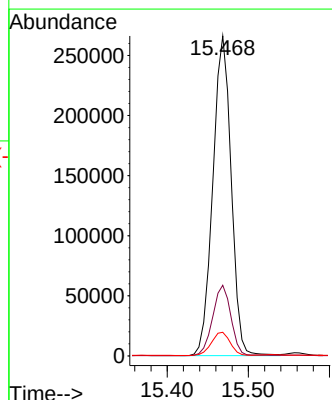
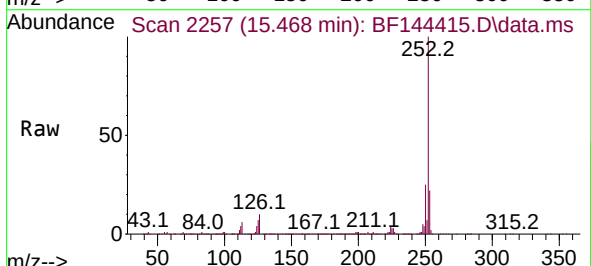
Tgt Ion:252 Resp: 418495

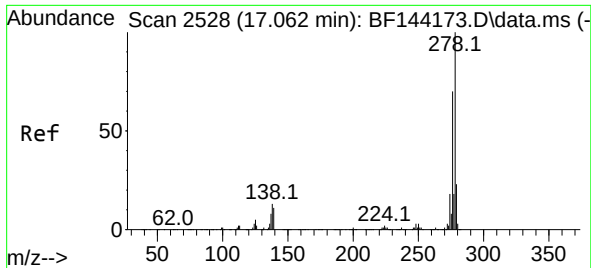
Ion Ratio Lower Upper

252 100

253 22.1 16.7 25.1

125 7.4 5.7 8.5

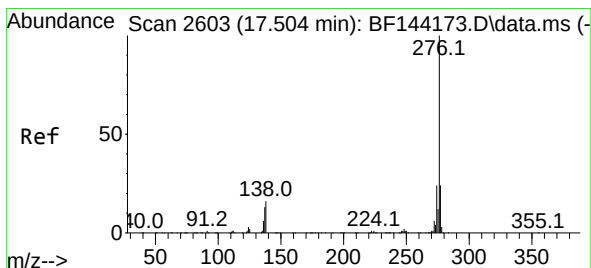
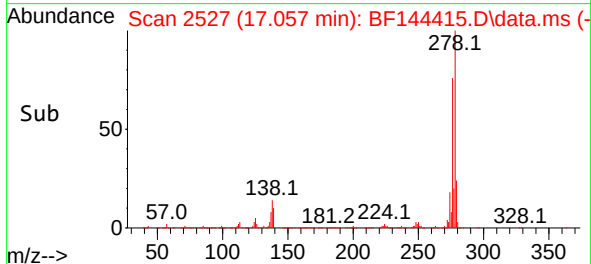
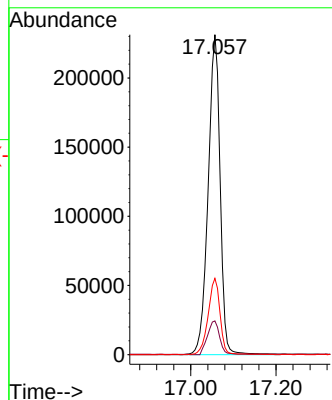
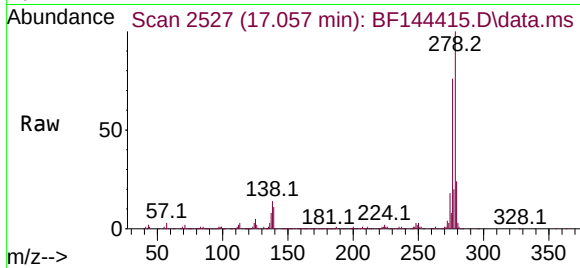




#91
Dibenzo(a,h)anthracene
Concen: 40.957 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 451456
Ion Ratio Lower Upper
278 100
139 10.5 9.1 13.7
279 23.8 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 40.043 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BF144415.D
Acq: 03 Dec 2025 12:25

Tgt Ion:276 Resp: 435875
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 16.3 12.9 19.3

