

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143706.D
 Acq On : 11 Sep 2025 15:02
 Operator : RC/JU
 Sample : Q3048-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

Quant Time: Sep 11 15:24:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	40932	20.000	ng	0.00	
21) Naphthalene-d8	8.175	136	152951	20.000	ng	0.00	
39) Acenaphthene-d10	9.933	164	84354	20.000	ng	0.00	
64) Phenanthrene-d10	11.422	188	123003	20.000	ng	0.01	
76) Chrysene-d12	14.069	240	98428	20.000	ng	0.02	
86) Perylene-d12	15.545	264	109093	20.000	ng	0.03	
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	232370	96.857	ng	0.01	
7) Phenol-d6	6.516	99	288251	98.677	ng	0.01	
23) Nitrobenzene-d5	7.457	82	173424	70.526	ng	0.00	
42) 2,4,6-Tribromophenol	10.722	330	82379	96.905	ng	0.01	
45) 2-Fluorobiphenyl	9.251	172	374335	67.036	ng	0.00	
79) Terphenyl-d14	13.004	244	315496	51.943	ng	0.01	
Target Compounds							
2) 1,4-Dioxane	2.734	88	42816	40.009	ng		Qvalue 98
3) Pyridine	3.493	79	108191	39.136	ng		98
4) n-Nitrosodimethylamine	3.440	42	48815	46.486	ng		94
6) Aniline	6.628	93	102962	26.612	ng	#	52
8) 2-Chlorophenol	6.675	128	114735	44.280	ng		97
9) Benzaldehyde	6.445	77	75175	31.896	ng		99
10) Phenol	6.528	94	144044	44.609	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	102962	42.694	ng		98
12) 1,3-Dichlorobenzene	6.834	146	132629	44.756	ng		100
13) 1,4-Dichlorobenzene	6.910	146	134060	44.820	ng		100
14) 1,2-Dichlorobenzene	7.063	146	125513	44.437	ng		99
15) Benzyl Alcohol	7.034	79	98987	46.585	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	132267	41.921	ng		97
17) 2-Methylphenol	7.140	107	94465	45.321	ng		99
18) Hexachloroethane	7.410	117	41354	42.800	ng		93
19) n-Nitroso-di-n-propyla...	7.304	70	80418	44.825	ng		98
20) 3+4-Methylphenols	7.292	107	123838	45.117	ng		91
22) Acetophenone	7.304	105	178019	51.534	ng		99
24) Nitrobenzene	7.475	77	114851	45.045	ng		98
25) Isophorone	7.716	82	215484	45.700	ng		100
26) 2-Nitrophenol	7.787	139	62520	49.871	ng		99
27) 2,4-Dimethylphenol	7.822	122	112147	49.832	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	132440	45.705	ng		99
29) 2,4-Dichlorophenol	8.028	162	103448	45.696	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	111056	47.352	ng		100
31) Naphthalene	8.198	128	342848	45.281	ng		98
32) Benzoic acid	7.939	122	79962	58.238	ng		97
33) 4-Chloroaniline	8.239	127	31718	12.033	ng		97
34) Hexachlorobutadiene	8.316	225	68312	44.656	ng		100
35) Caprolactam	8.616	113	30013	49.812	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	101941	45.669	ng		95
37) 2-Methylnaphthalene	8.886	142	214084	41.305	ng		99
38) 1-Methylnaphthalene	8.986	142	215674	43.360	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	122724	50.819	ng		99
41) Hexachlorocyclopentadiene	9.045	237	102559	82.722	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	77053	47.783	ng		98

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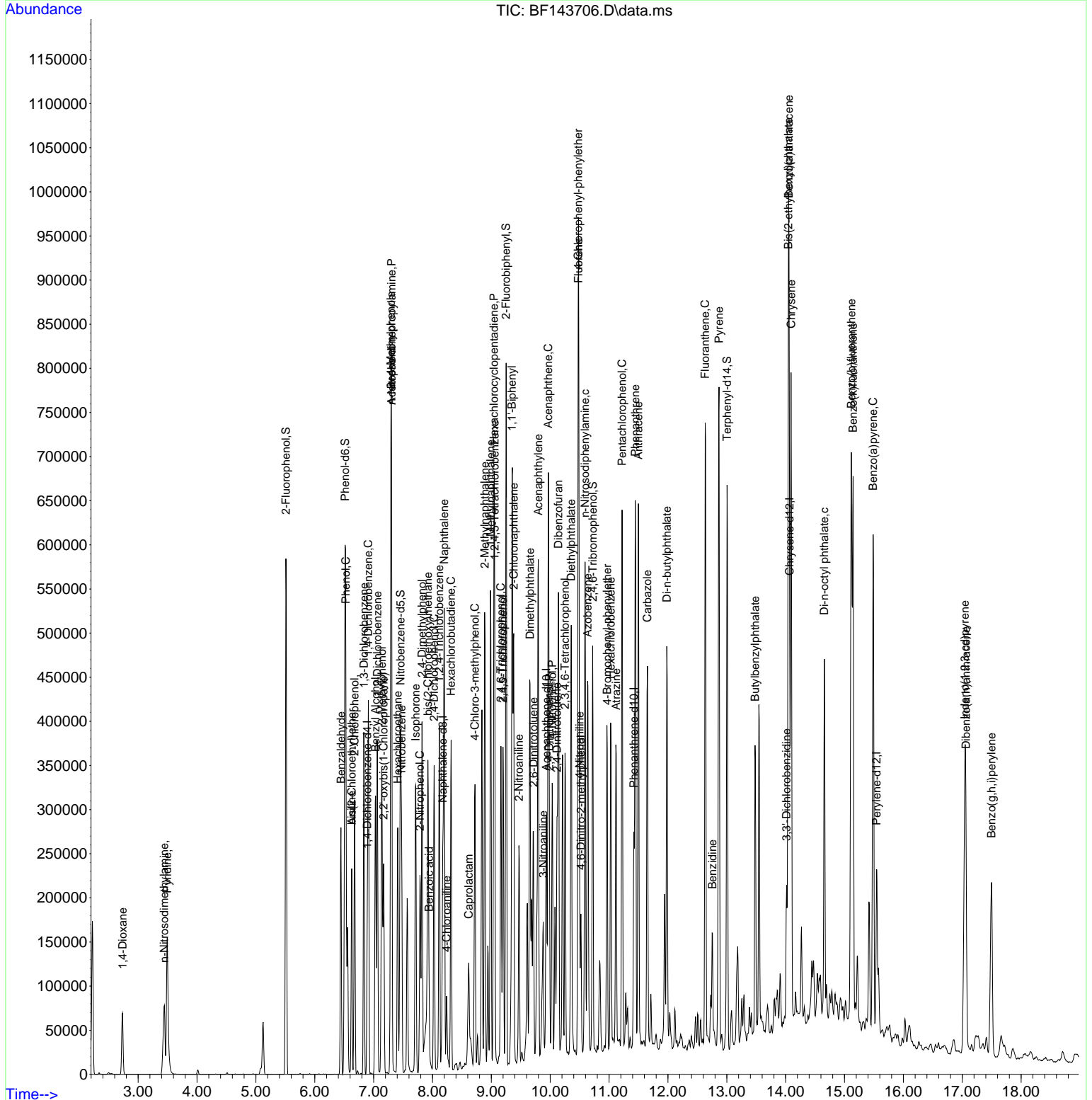
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	76645	46.754	ng	98
46) 1,1'-Biphenyl	9.351	154	316018	52.038	ng	100
47) 2-Chloronaphthalene	9.381	162	218695	45.936	ng	100
48) 2-Nitroaniline	9.469	65	61866	49.104	ng	96
49) Acenaphthylene	9.798	152	372546	54.629	ng	99
50) Dimethylphthalate	9.657	163	260760	47.512	ng	99
51) 2,6-Dinitrotoluene	9.716	165	54086	51.542	ng	95
52) Acenaphthene	9.969	154	225636	48.015	ng	98
53) 3-Nitroaniline	9.881	138	34374	30.439	ng	98
54) 2,4-Dinitrophenol	9.986	184	48843	86.064	ng	# 51
55) Dibenzofuran	10.139	168	306691	45.386	ng	99
56) 4-Nitrophenol	10.033	139	78803	87.713	ng	98
57) 2,4-Dinitrotoluene	10.116	165	71850	50.309	ng	97
58) Fluorene	10.481	166	242974	45.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	62996	47.392	ng	99
60) Diethylphthalate	10.357	149	242517	47.067	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	120555	44.939	ng	99
62) 4-Nitroaniline	10.498	138	45245	42.303	ng	98
63) Azobenzene	10.633	77	225836	49.578	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	32370	51.688	ng	99
66) n-Nitrosodiphenylamine	10.592	169	203283	50.448	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	73349	49.450	ng	98
68) Hexachlorobenzene	11.028	284	72735	46.440	ng	96
69) Atrazine	11.122	200	61725	48.854	ng	98
70) Pentachlorophenol	11.222	266	105195	111.108	ng	98
71) Phenanthrene	11.445	178	342150	50.485	ng	99
72) Anthracene	11.498	178	347556	51.002	ng	100
73) Carbazole	11.651	167	256850	46.023	ng	100
74) Di-n-butylphthalate	11.980	149	338521	50.382	ng	100
75) Fluoranthene	12.633	202	419338	67.400	ng	99
77) Benzidine	12.757	184	69721	21.722	ng	100
78) Pyrene	12.869	202	456732	58.037	ng	99
80) Butylbenzylphthalate	13.480	149	115677	46.914	ng	99
81) Benzo(a)anthracene	14.057	228	434757	68.657	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	50341	25.841	ng	99
83) Chrysene	14.092	228	376163	64.861	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	163932	46.596	ng	99
85) Di-n-octyl phthalate	14.657	149	291005	46.158	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.045	276	248572	33.386	ng	100
88) Benzo(b)fluoranthene	15.116	252	507892	78.208	ng	98
89) Benzo(k)fluoranthene	15.145	252	302198	51.561	ng	99
90) Benzo(a)pyrene	15.486	252	379295	66.482	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	178125	28.836	ng	99
92) Benzo(g,h,i)perylene	17.498	276	187965	32.532	ng	99

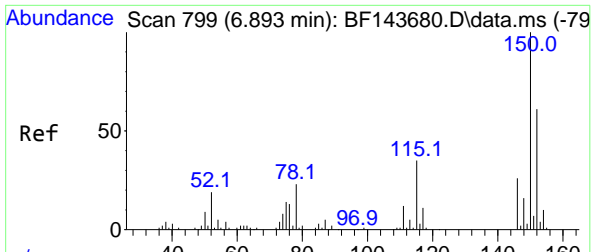
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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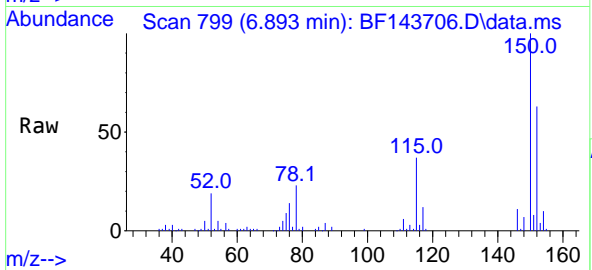
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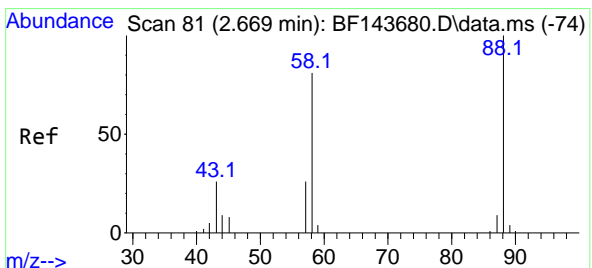
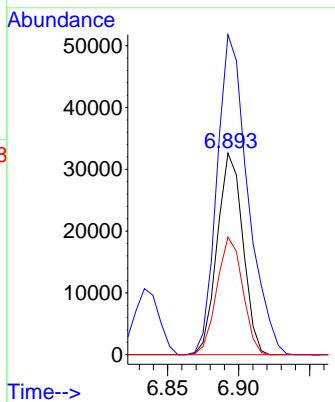
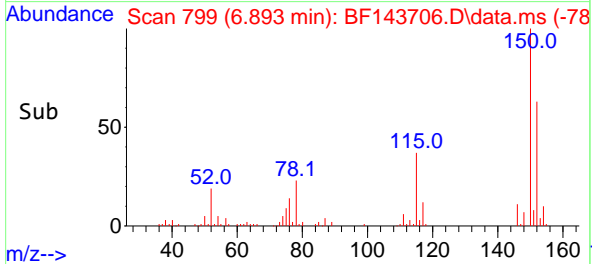


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

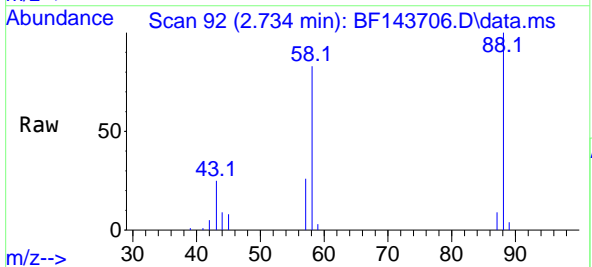
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



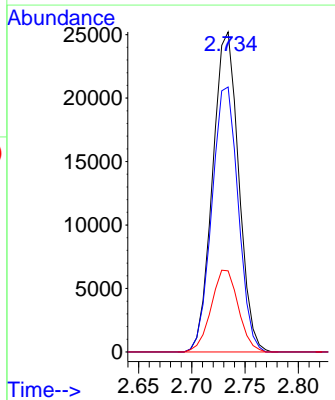
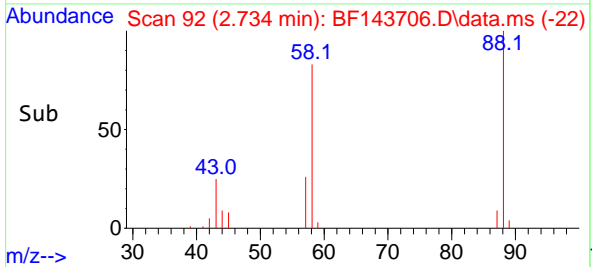
Tgt Ion:152 Resp: 40932
 Ion Ratio Lower Upper
 152 100
 150 158.9 130.7 196.1
 115 58.4 45.9 68.9

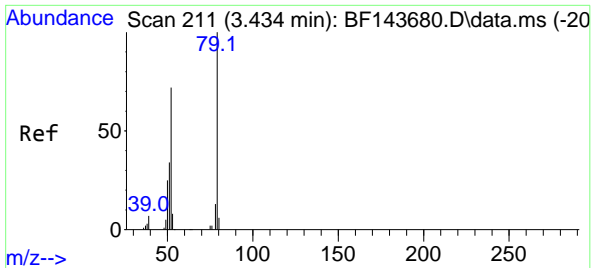


#2
 1,4-Dioxane
 Concen: 40.009 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.065 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion: 88 Resp: 42816
 Ion Ratio Lower Upper
 88 100
 58 83.6 65.8 98.6
 43 26.8 20.6 31.0



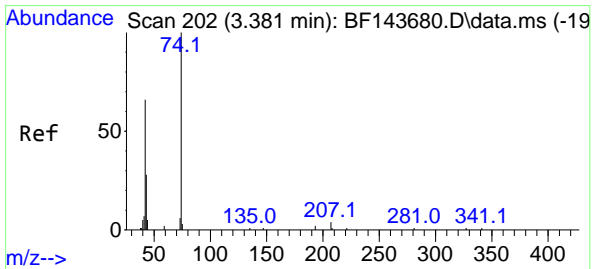
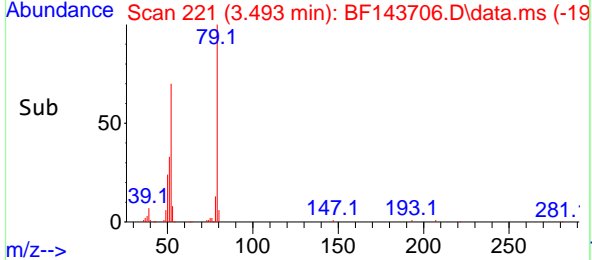
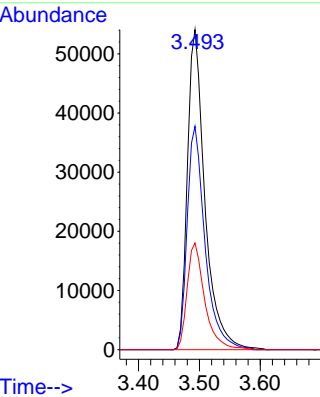
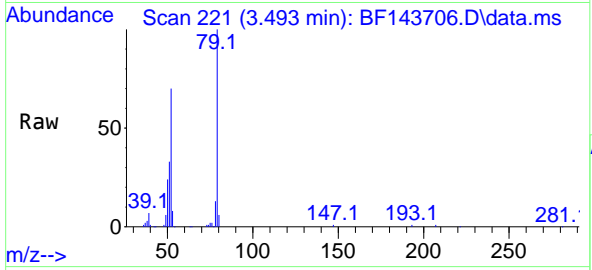


#3
 Pyridine
 Concen: 39.136 ng
 RT: 3.493 min Scan# 211
 Delta R.T. 0.059 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

Tgt Ion: 79 Resp: 108191

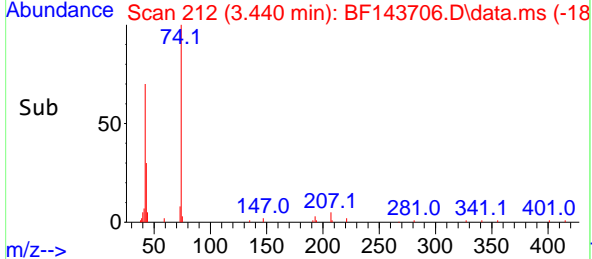
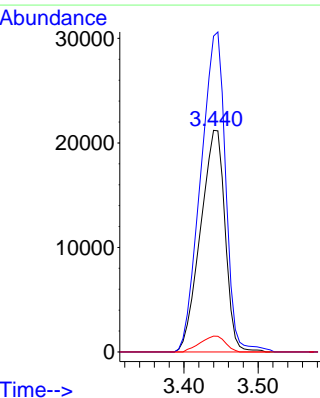
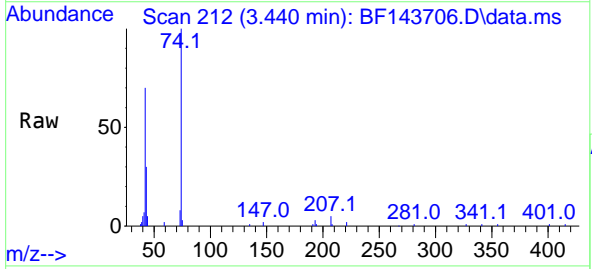
Ion	Ratio	Lower	Upper
79	100		
52	69.8	57.2	85.8
51	33.4	27.0	40.6

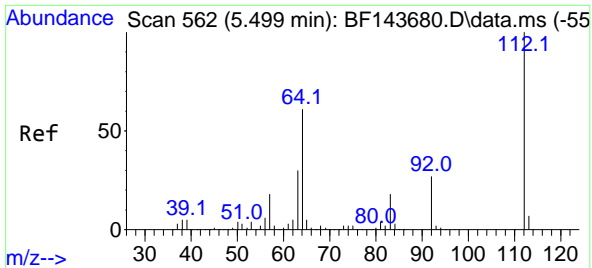


#4
 n-Nitrosodimethylamine
 Concen: 46.486 ng
 RT: 3.440 min Scan# 212
 Delta R.T. 0.059 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion: 42 Resp: 48815

Ion	Ratio	Lower	Upper
42	100		
74	142.6	120.9	181.3
44	7.1	6.5	9.7



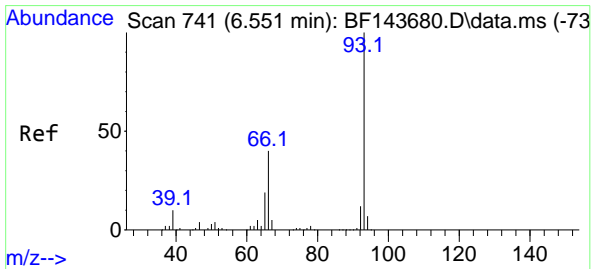
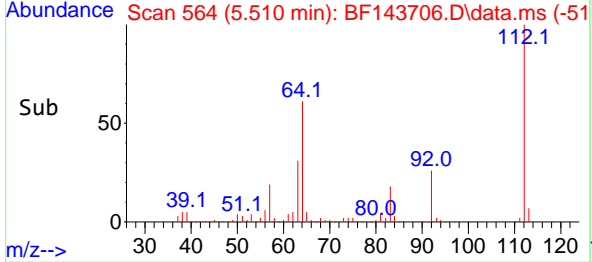
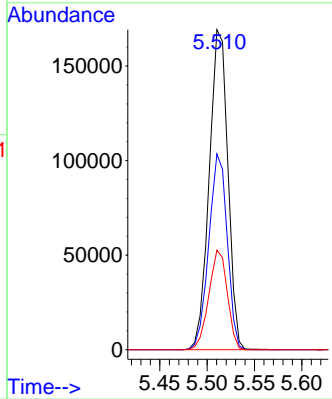
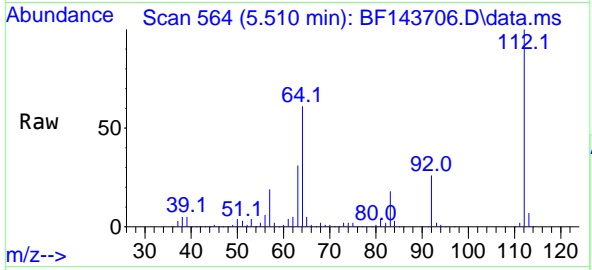


#5
 2-Fluorophenol
 Concen: 96.857 ng
 RT: 5.510 min Scan# 50
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

Tgt Ion:112 Resp: 232370

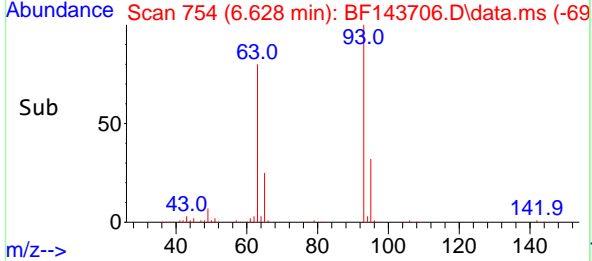
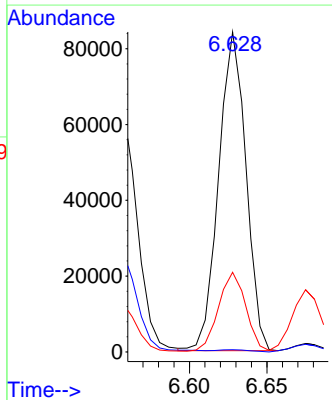
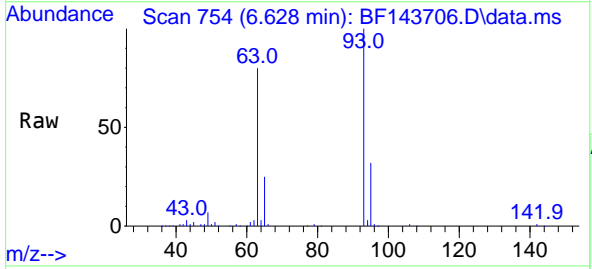
Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.0	73.4
63	31.1	24.3	36.5

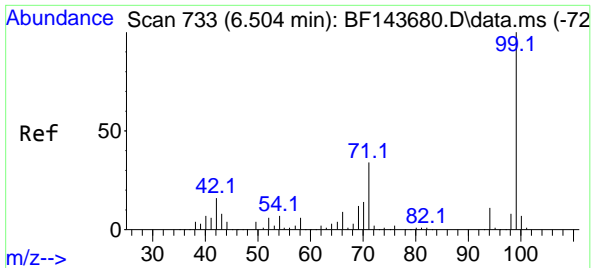


#6
 Aniline
 Concen: 26.612 ng
 RT: 6.628 min Scan# 754
 Delta R.T. 0.076 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion: 93 Resp: 102962

Ion	Ratio	Lower	Upper
93	100		
66	0.7	34.1	51.1#
65	24.9	16.1	24.1#



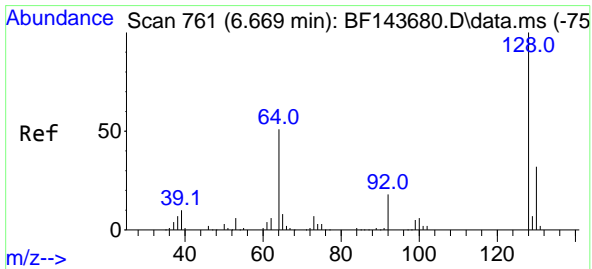
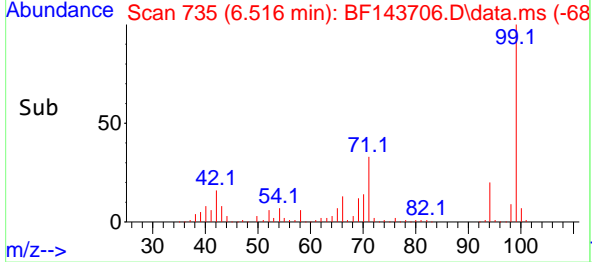
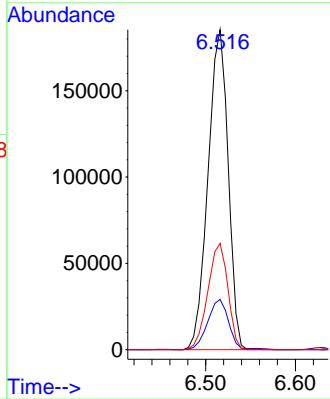
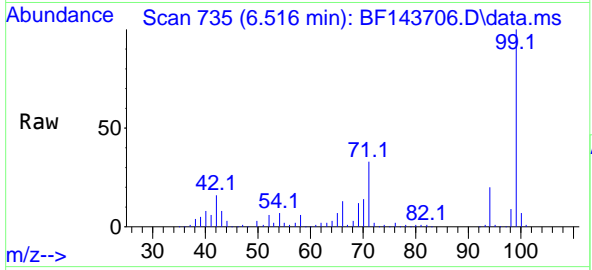


#7
 Phenol-d6
 Concen: 98.677 ng
 RT: 6.516 min Scan# 711
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

Tgt Ion: 99 Resp: 288251

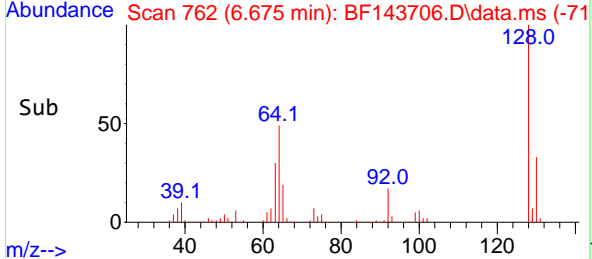
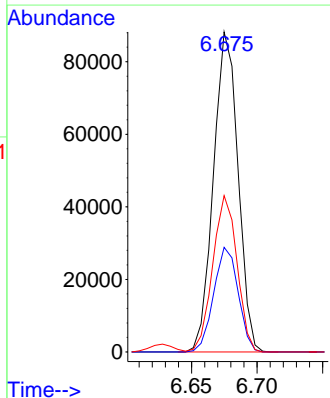
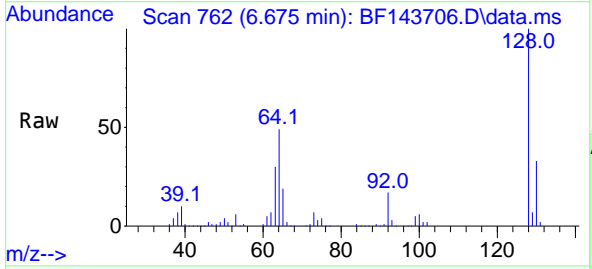
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	33.2	27.4	41.2

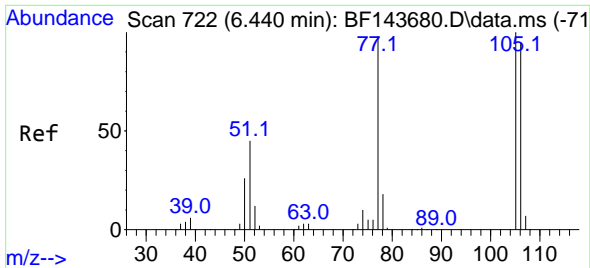


#8
 2-Chlorophenol
 Concen: 44.280 ng
 RT: 6.675 min Scan# 762
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion: 128 Resp: 114735

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	48.9	31.9	71.9

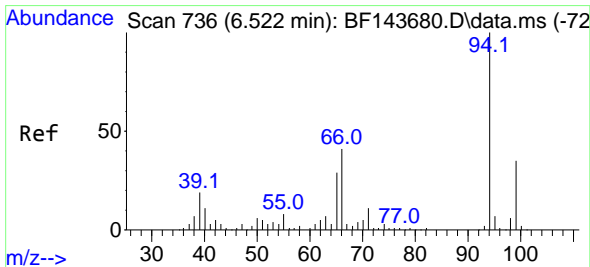
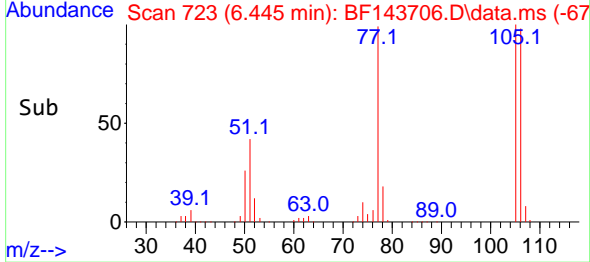
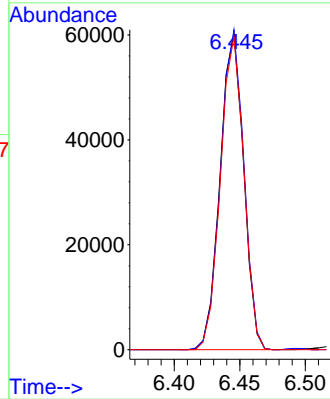
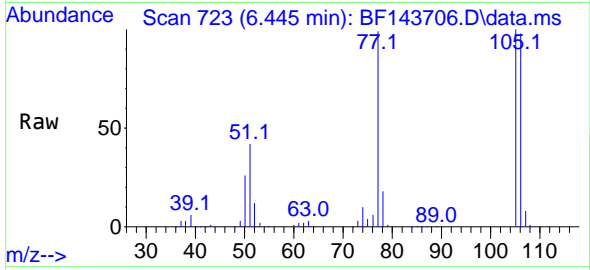




#9
 Benzaldehyde
 Concen: 31.896 ng
 RT: 6.445 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

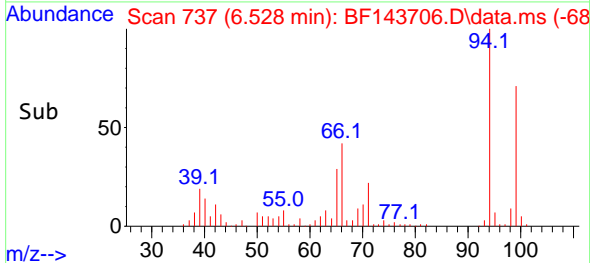
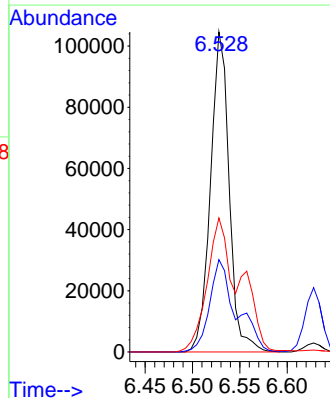
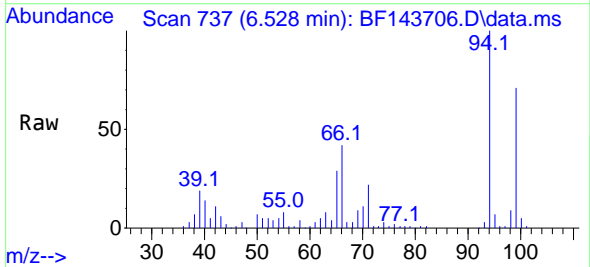
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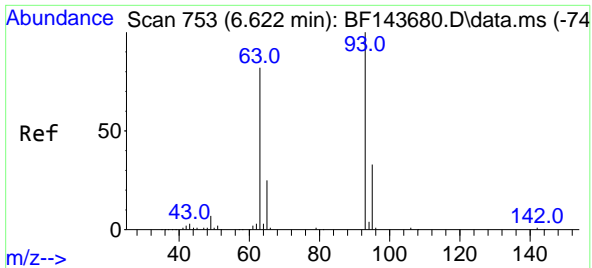
Tgt Ion: 77 Resp: 75175
 Ion Ratio Lower Upper
 77 100
 105 101.4 81.7 121.7
 106 99.2 76.9 116.9



#10
 Phenol
 Concen: 44.609 ng
 RT: 6.528 min Scan# 737
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

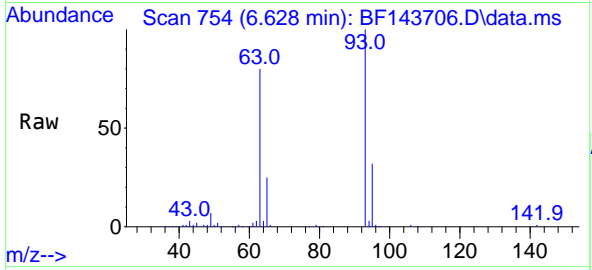
Tgt Ion: 94 Resp: 144044
 Ion Ratio Lower Upper
 94 100
 65 28.8 9.1 49.1
 66 41.9 20.8 60.8



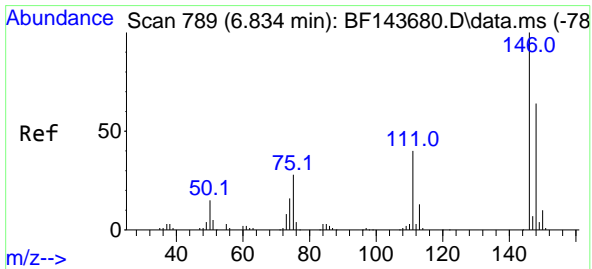
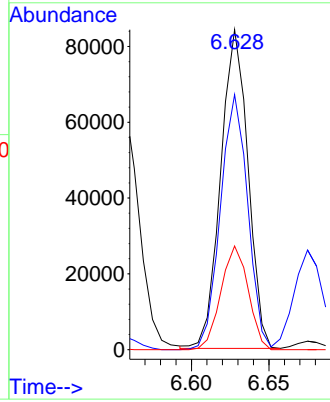
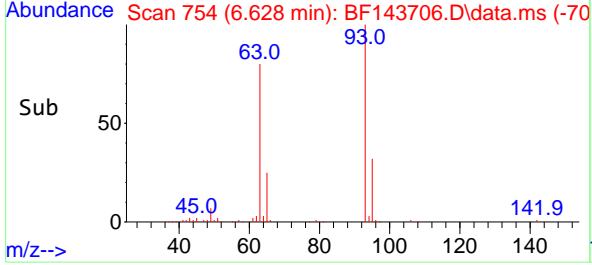


#11
 bis(2-Chloroethyl)ether
 Concen: 42.694 ng
 RT: 6.628 min Scan# 753
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

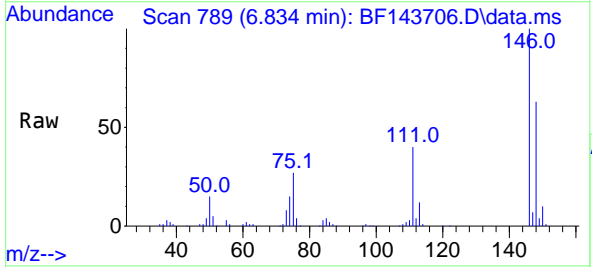
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



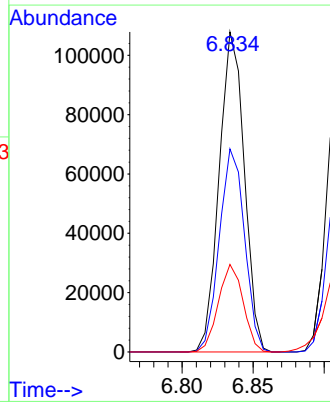
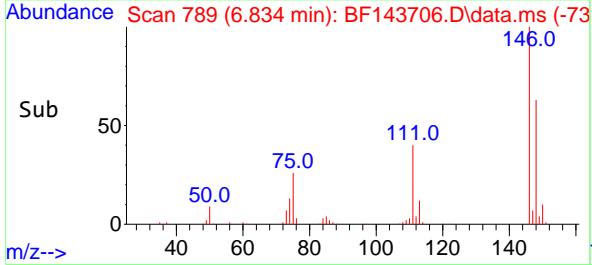
Tgt Ion: 93 Resp: 102962
 Ion Ratio Lower Upper
 93 100
 63 79.7 61.8 101.8
 95 32.4 12.6 52.6

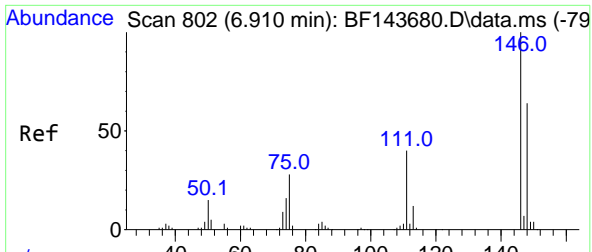


#12
 1,3-Dichlorobenzene
 Concen: 44.756 ng
 RT: 6.834 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



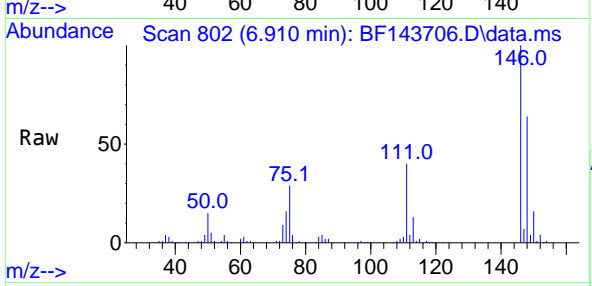
Tgt Ion:146 Resp: 132629
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 75 27.3 22.0 33.0



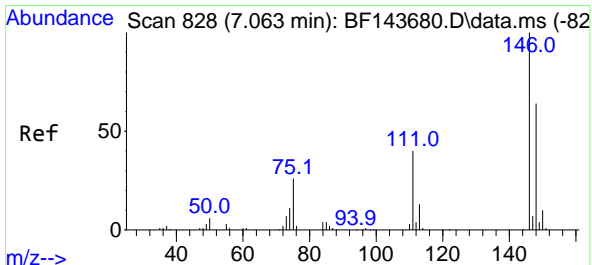
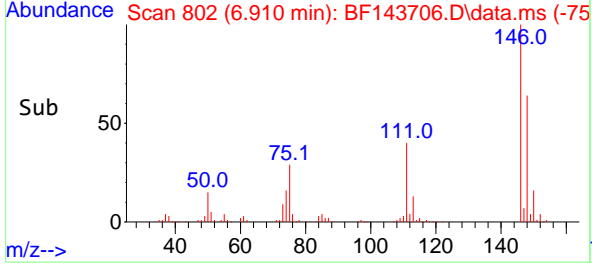
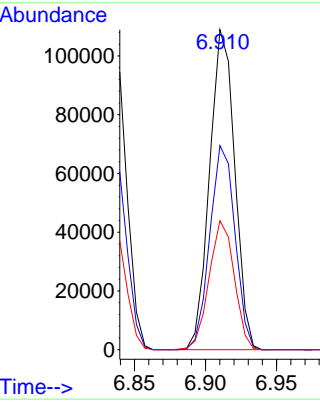


#13
 1,4-Dichlorobenzene
 Concen: 44.820 ng
 RT: 6.910 min Scan# 802
 Delta R.T. -0.000 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

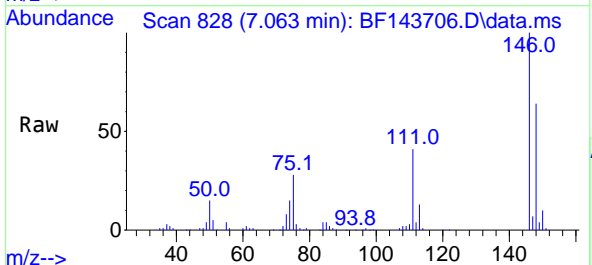
Instrument : BNA_F
 Client Sample Id : VNJ-258MSD



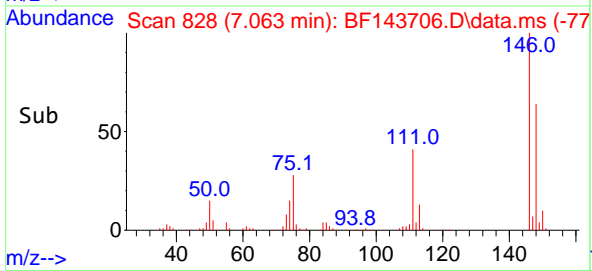
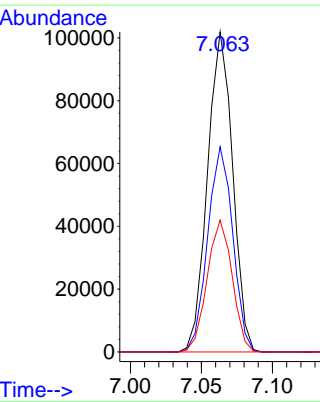
Tgt Ion:146 Resp: 134060
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.2 76.8
 111 40.3 31.8 47.8

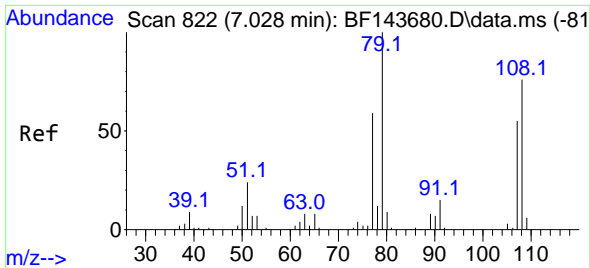


#14
 1,2-Dichlorobenzene
 Concen: 44.437 ng
 RT: 7.063 min Scan# 828
 Delta R.T. -0.000 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:146 Resp: 125513
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.4
 111 41.2 32.3 48.5

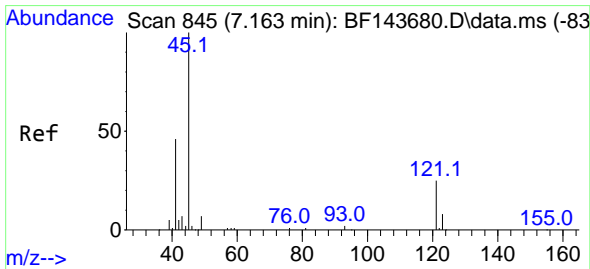
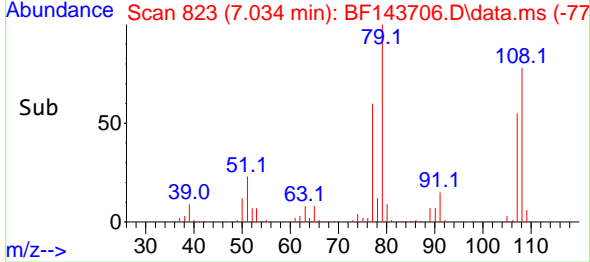
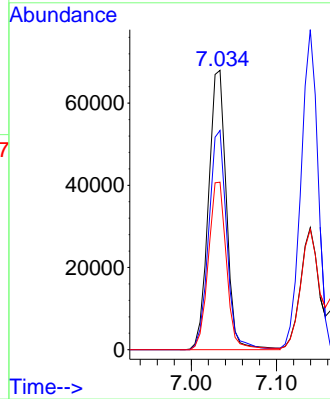
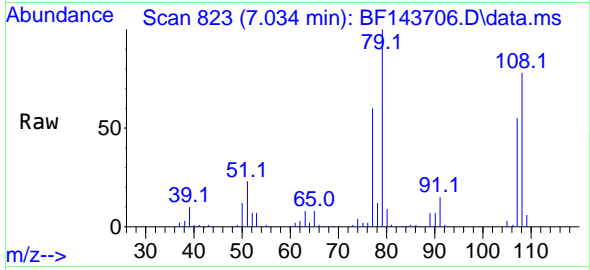




#15
 Benzyl Alcohol
 Concen: 46.585 ng
 RT: 7.034 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

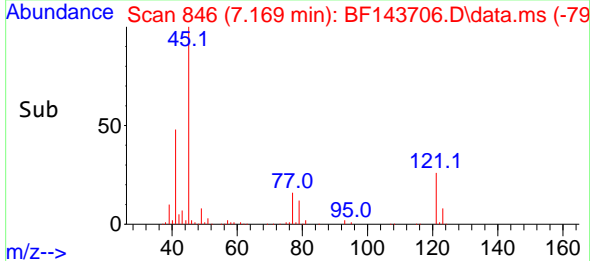
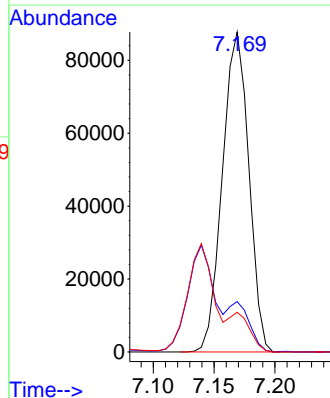
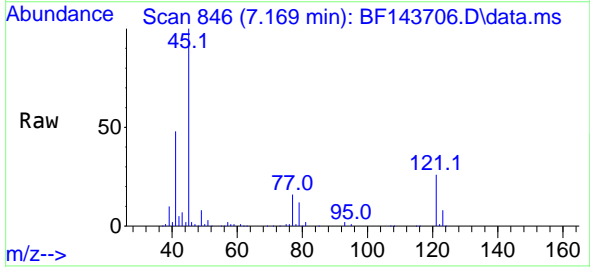
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

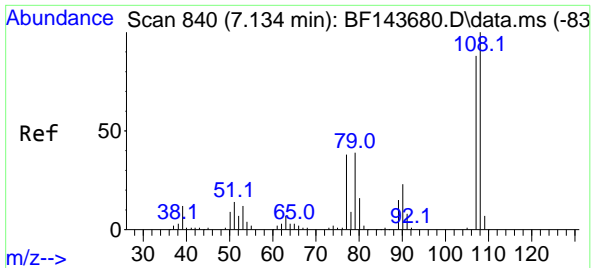
Tgt Ion: 79 Resp: 98987
 Ion Ratio Lower Upper
 79 100
 108 78.5 60.9 91.3
 77 60.0 47.4 71.2



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 41.921 ng
 RT: 7.169 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

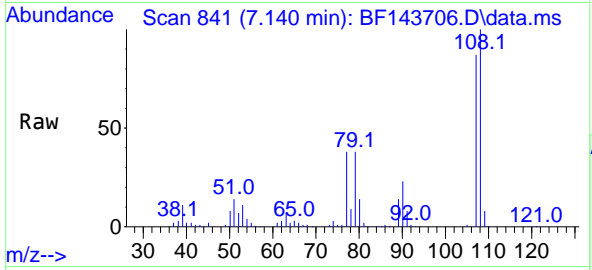
Tgt Ion: 45 Resp: 132267
 Ion Ratio Lower Upper
 45 100
 77 15.8 0.0 34.6
 79 12.4 0.0 31.3





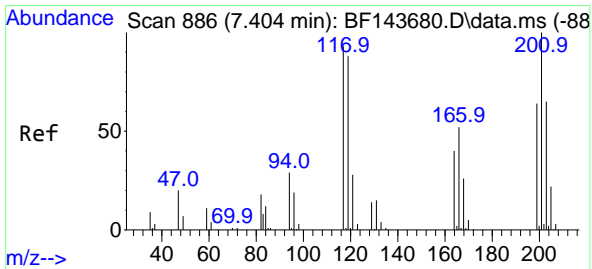
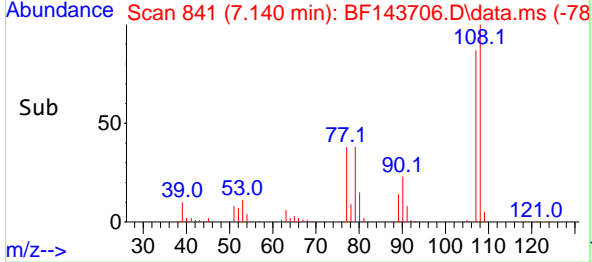
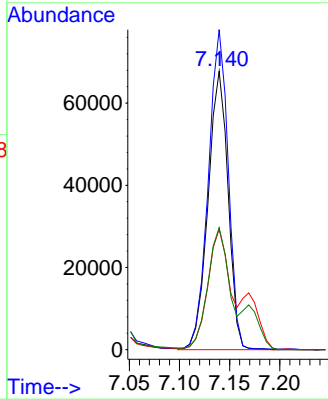
#17
 2-Methylphenol
 Concen: 45.321 ng
 RT: 7.140 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

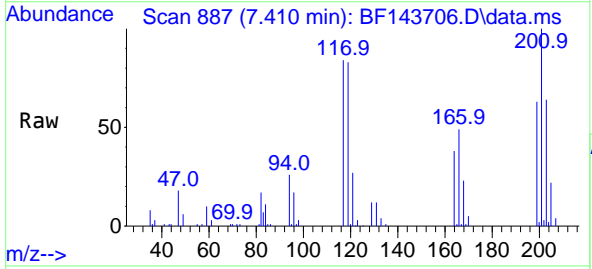


Tgt Ion:107 Resp: 94465

Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	43.2	34.4	51.6
79	43.8	35.3	52.9

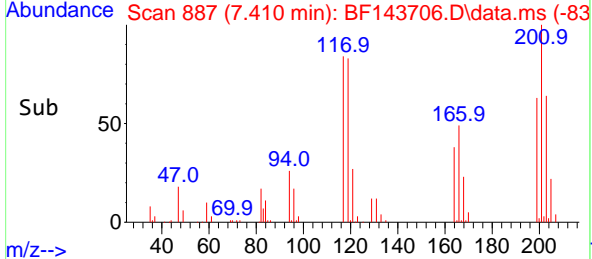
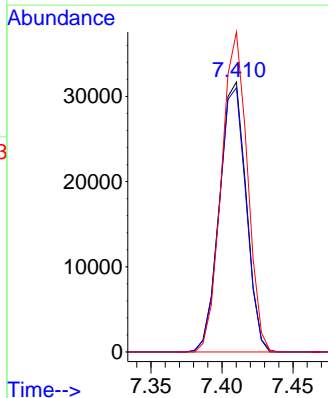


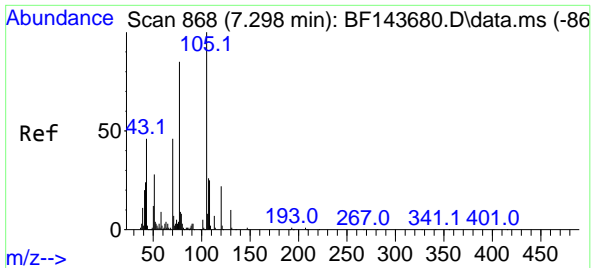
#18
 Hexachloroethane
 Concen: 42.800 ng
 RT: 7.410 min Scan# 887
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:117 Resp: 41354

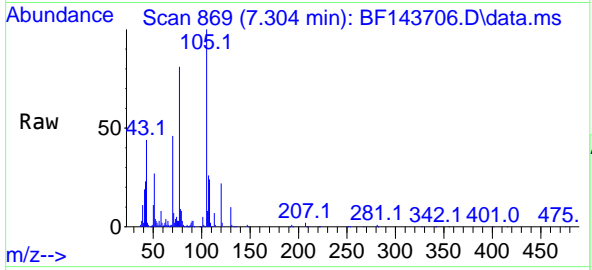
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.2	114.2
201	118.6	86.4	129.6





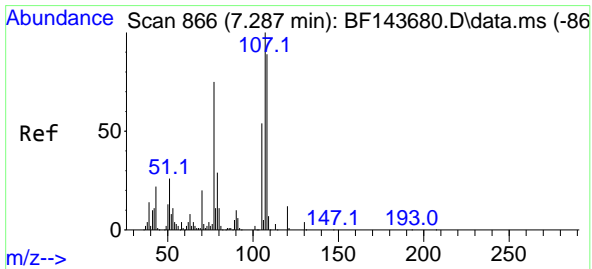
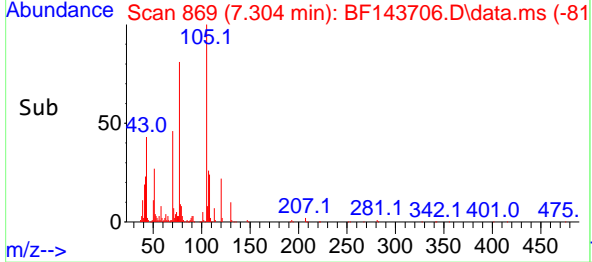
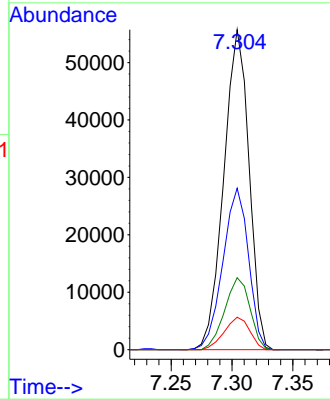
#19
 n-Nitroso-di-n-propylamine
 Concen: 44.825 ng
 RT: 7.304 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

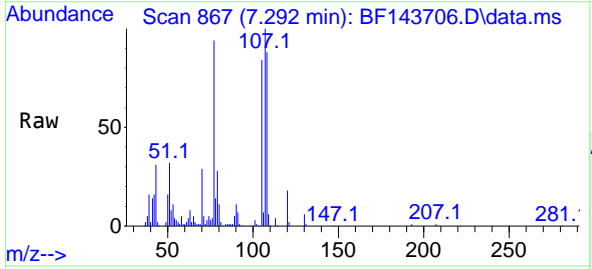


Tgt Ion: 70 Resp: 80418

Ion	Ratio	Lower	Upper
70	100		
42	50.5	41.4	62.2
101	10.1	8.1	12.1
130	22.5	17.3	25.9

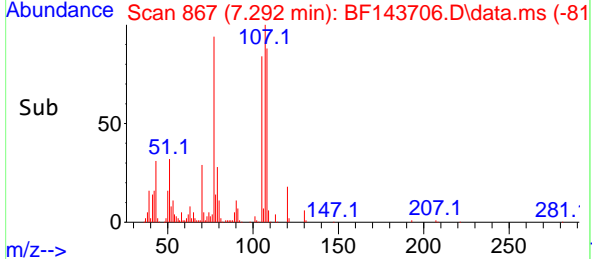
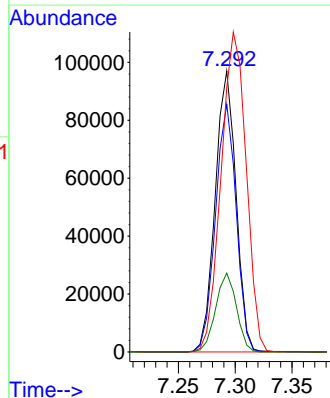


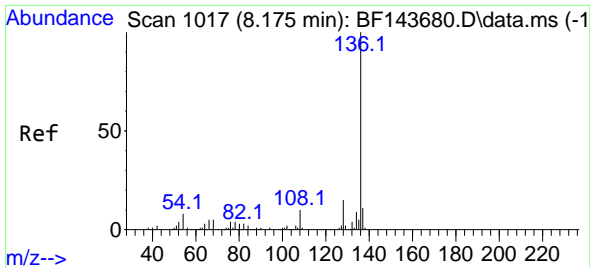
#20
 3+4-Methylphenols
 Concen: 45.117 ng
 RT: 7.292 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion: 107 Resp: 123838

Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.6	108.6
77	94.1	54.6	94.6
79	28.1	8.9	48.9



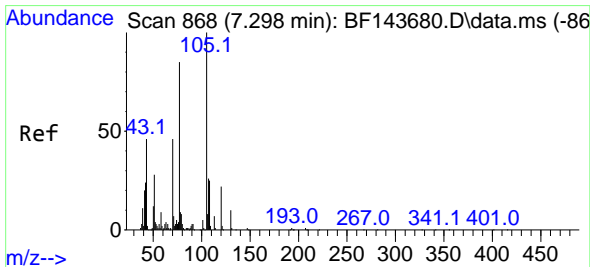
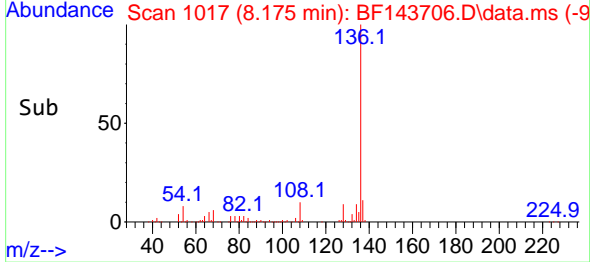
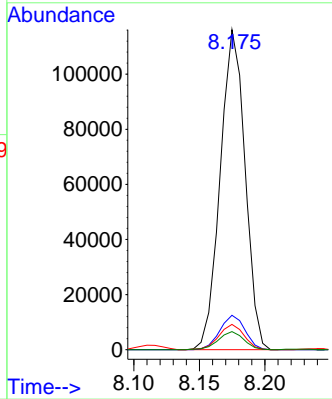
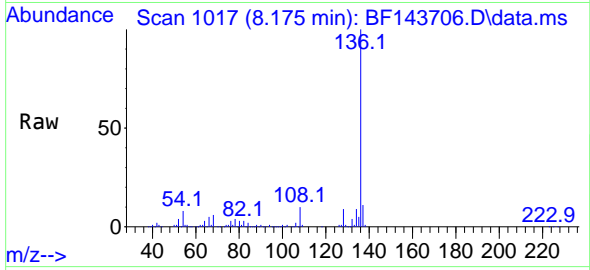


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.175 min Scan# 1017
 Delta R.T. -0.000 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

Tgt Ion:136 Resp: 152951

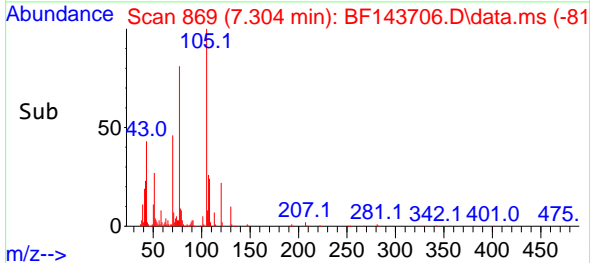
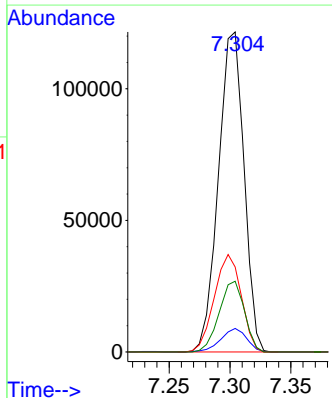
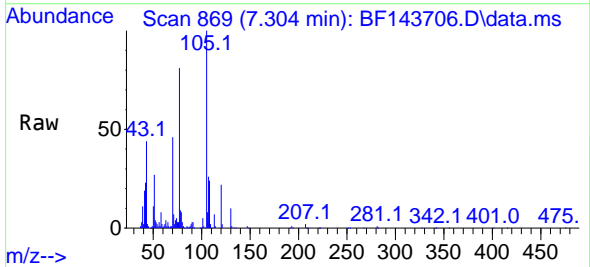
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	6.2	9.2
68	5.6	4.2	6.4

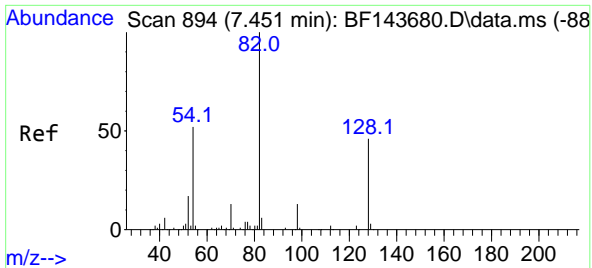


#22
 Acetophenone
 Concen: 51.534 ng
 RT: 7.304 min Scan# 869
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:105 Resp: 178019

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.9	8.9
51	26.6	22.4	33.6
120	22.1	17.6	26.4



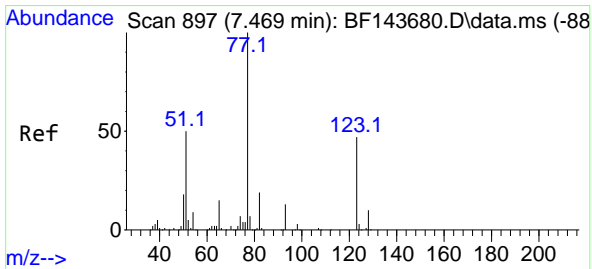
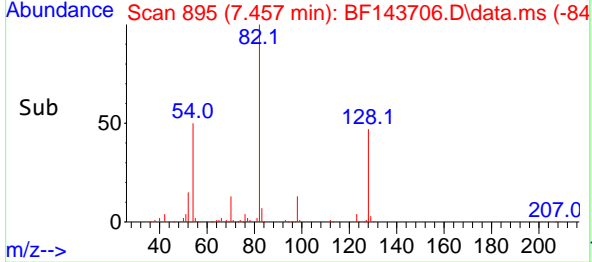
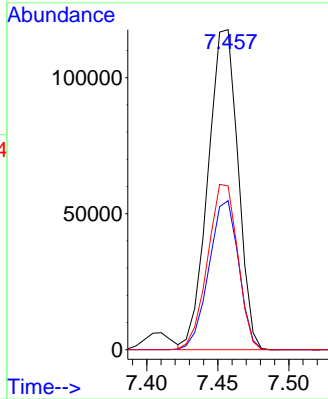
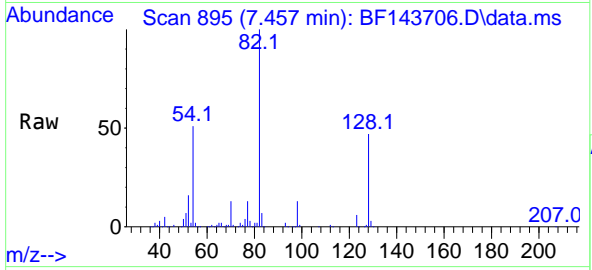


#23
 Nitrobenzene-d5
 Concen: 70.526 ng
 RT: 7.457 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

Tgt Ion: 82 Resp: 173424

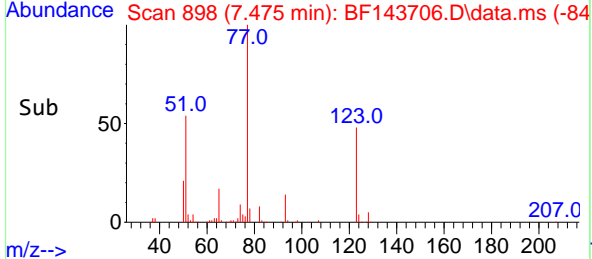
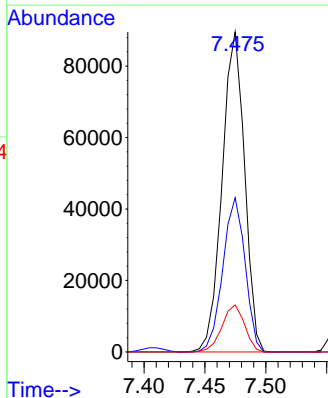
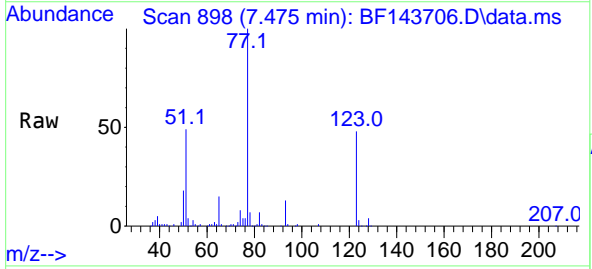
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.4
54	51.2	41.8	62.8

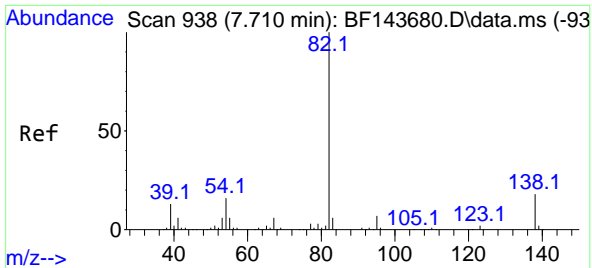


#24
 Nitrobenzene
 Concen: 45.045 ng
 RT: 7.475 min Scan# 898
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion: 77 Resp: 114851

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.4	56.0
65	14.7	11.6	17.4



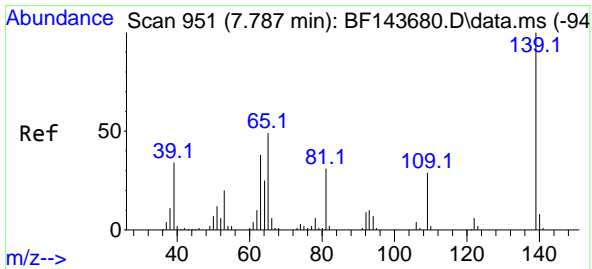
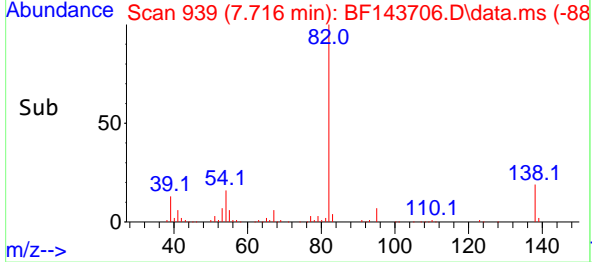
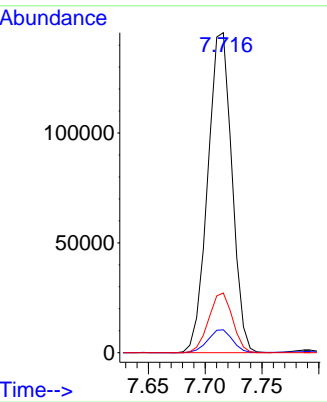
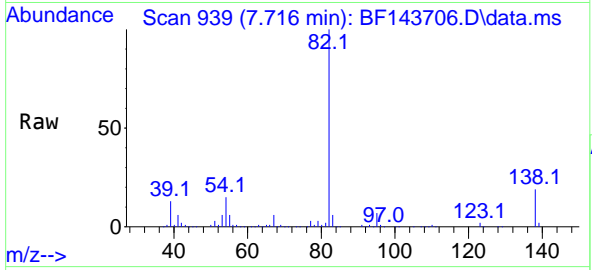


#25
 Isophorone
 Concen: 45.700 ng
 RT: 7.716 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

Tgt Ion: 82 Resp: 215484

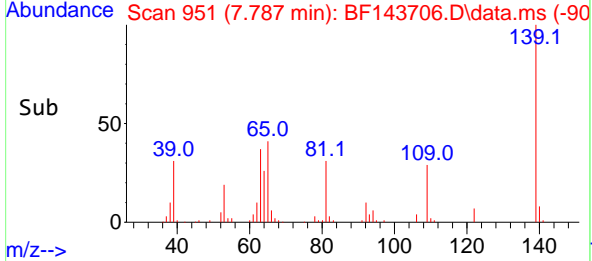
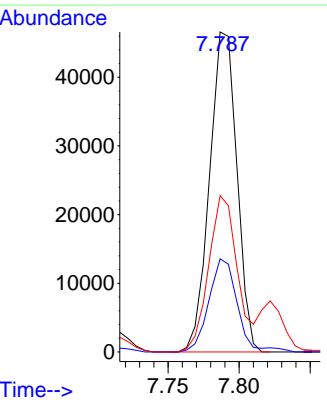
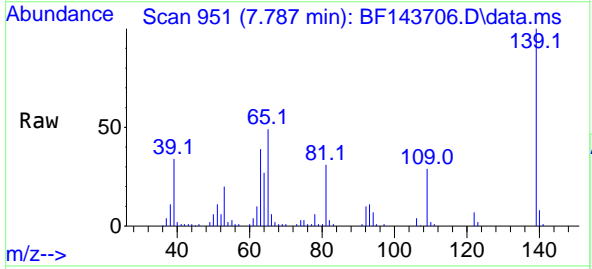
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	18.7	14.8	22.2

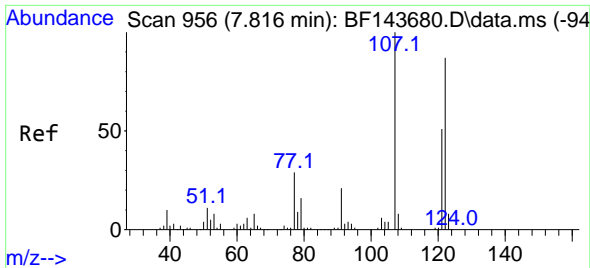


#26
 2-Nitrophenol
 Concen: 49.871 ng
 RT: 7.787 min Scan# 951
 Delta R.T. -0.000 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion: 139 Resp: 62520

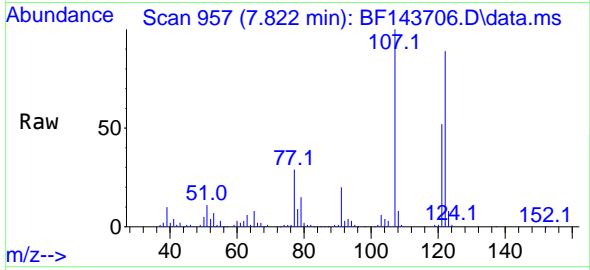
Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.8	34.2
65	48.8	39.2	58.8



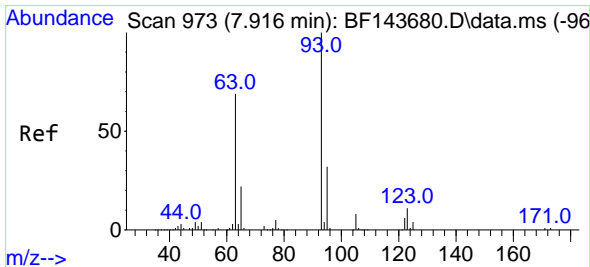
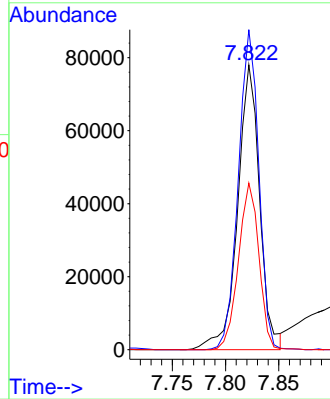
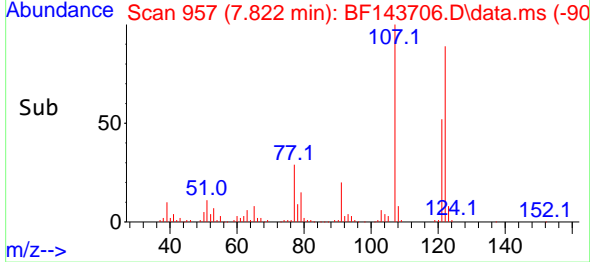


#27
 2,4-Dimethylphenol
 Concen: 49.832 ng
 RT: 7.822 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

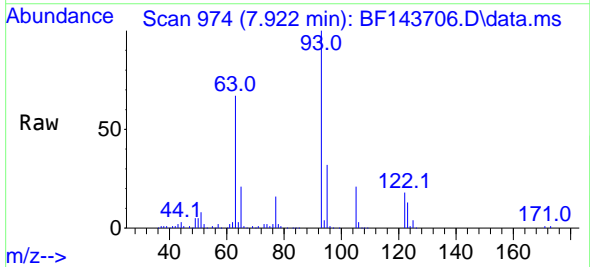
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



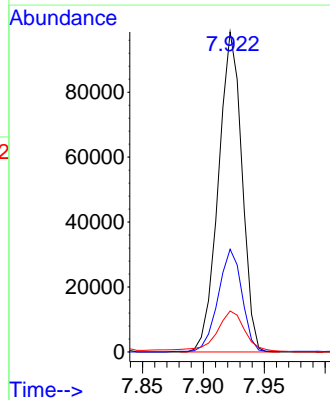
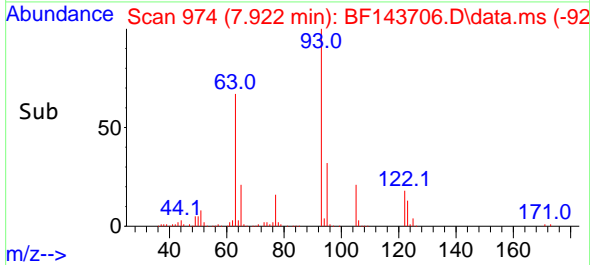
Tgt Ion:122 Resp: 112147
 Ion Ratio Lower Upper
 122 100
 107 112.4 92.1 138.1
 121 58.5 46.9 70.3

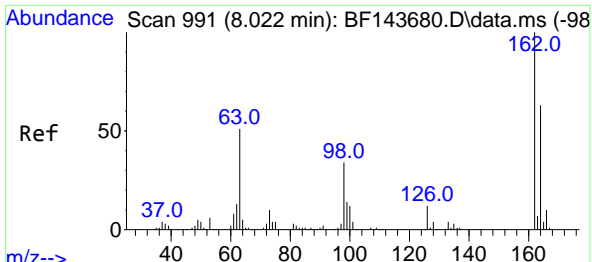


#28
 bis(2-Chloroethoxy)methane
 Concen: 45.705 ng
 RT: 7.922 min Scan# 974
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion: 93 Resp: 132440
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 12.8 9.6 14.4

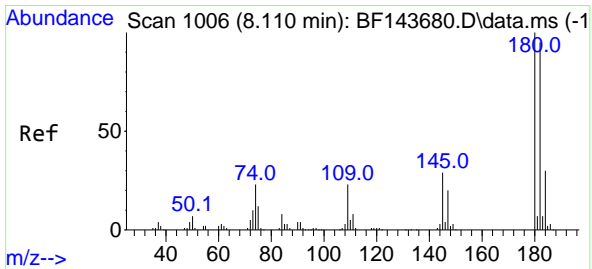
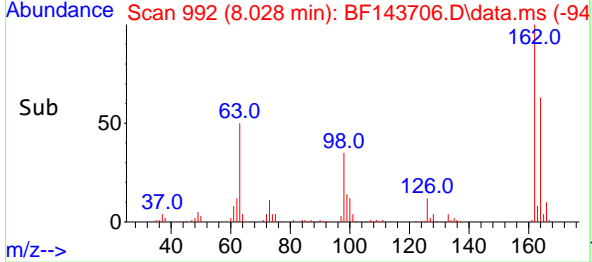
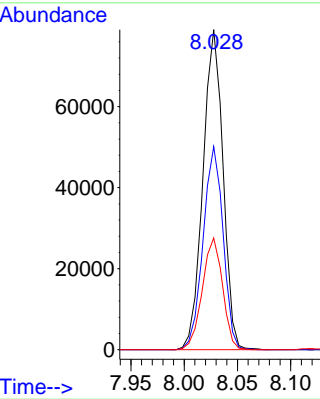
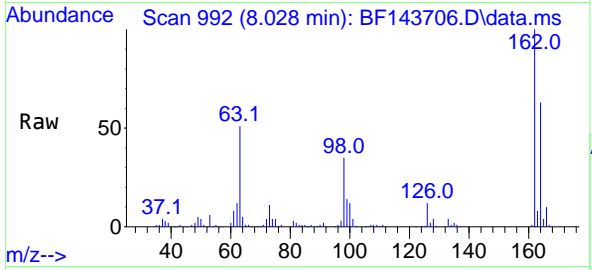




#29
 2,4-Dichlorophenol
 Concen: 45.696 ng
 RT: 8.028 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

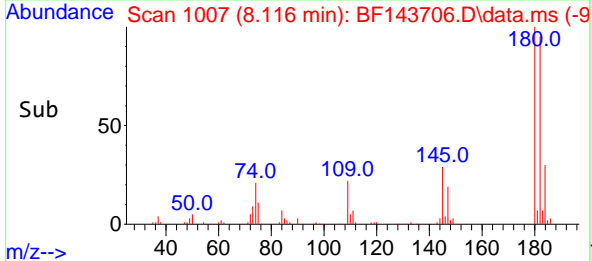
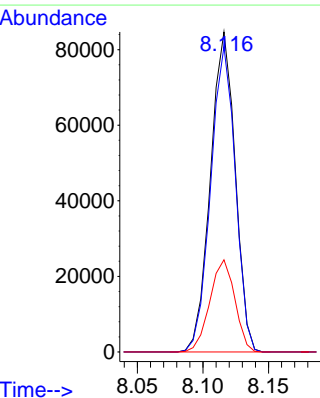
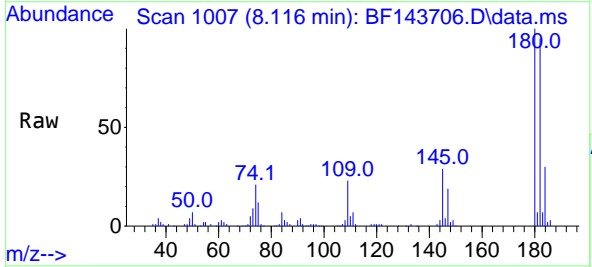
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

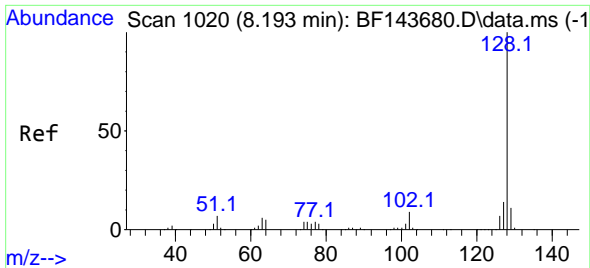
Tgt Ion:162 Resp: 103448
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.0 83.0
 98 34.9 13.8 53.8



#30
 1,2,4-Trichlorobenzene
 Concen: 47.352 ng
 RT: 8.116 min Scan# 1007
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

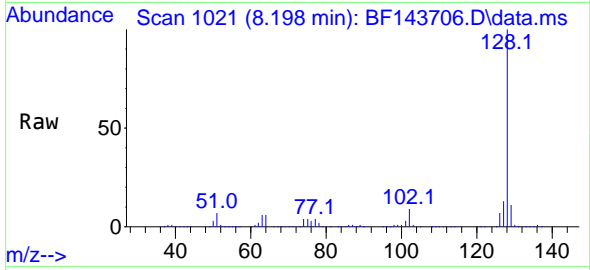
Tgt Ion:180 Resp: 111056
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.4
 145 28.8 23.2 34.8



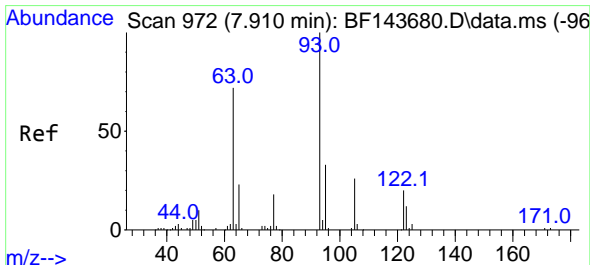
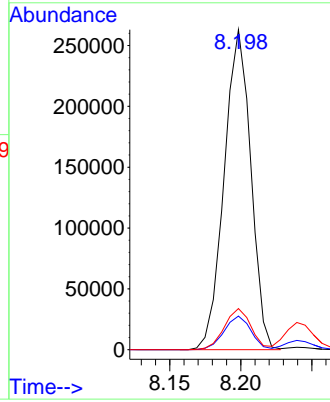
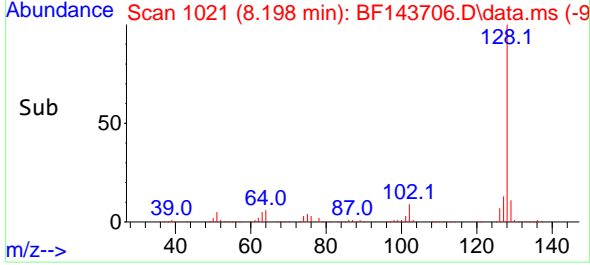


#31
 Naphthalene
 Concen: 45.281 ng
 RT: 8.198 min Scan# 1020
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

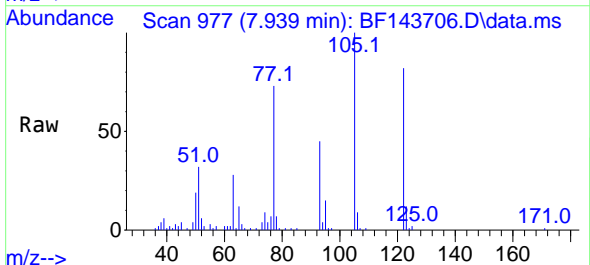
Instrument : BNA_F
 ClientSampleId : VNJ-258MSD



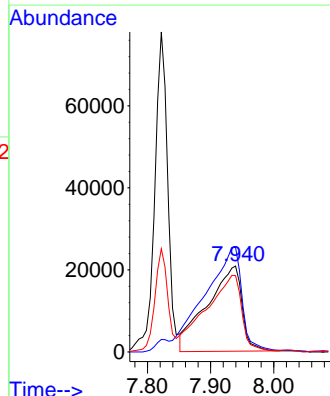
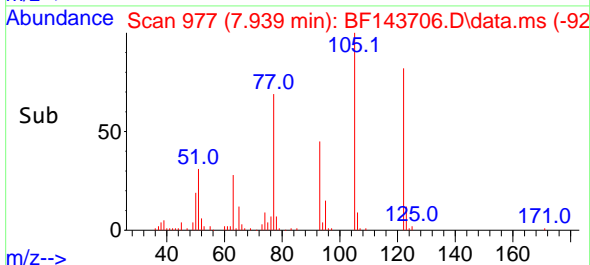
Tgt Ion:128 Resp: 342848
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.8 13.2
 127 12.9 10.9 16.3

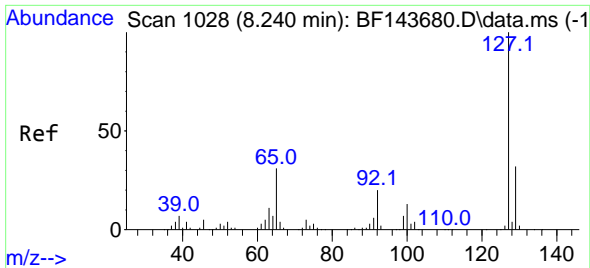


#32
 Benzoic acid
 Concen: 58.238 ng
 RT: 7.939 min Scan# 977
 Delta R.T. 0.029 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



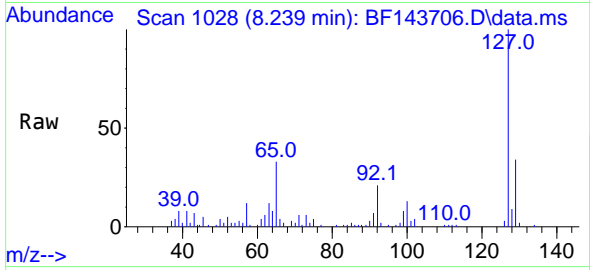
Tgt Ion:122 Resp: 79962
 Ion Ratio Lower Upper
 122 100
 105 121.5 105.2 145.2
 77 88.7 72.0 112.0





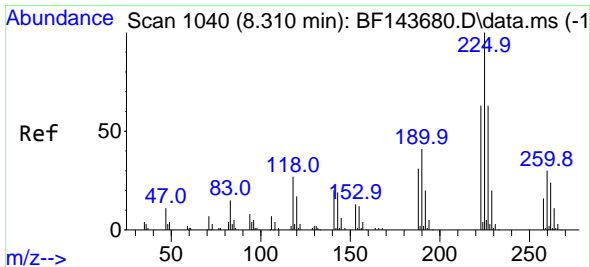
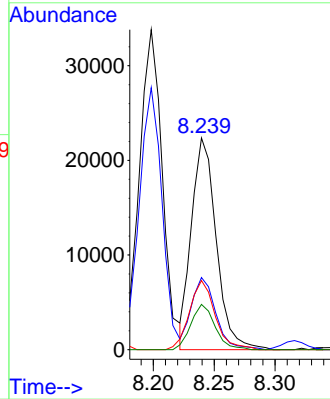
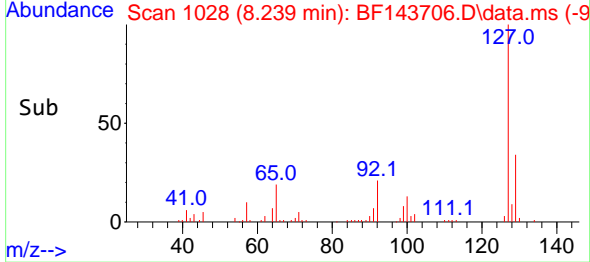
#33
 4-Chloroaniline
 Concen: 12.033 ng
 RT: 8.239 min Scan# 1028
 Delta R.T. -0.000 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

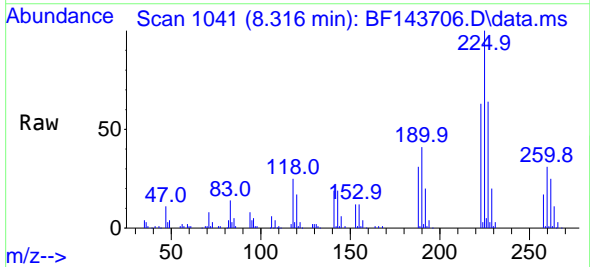


Tgt Ion:127 Resp: 31718

Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.0	39.0
65	32.6	24.6	36.8
92	21.4	16.3	24.5

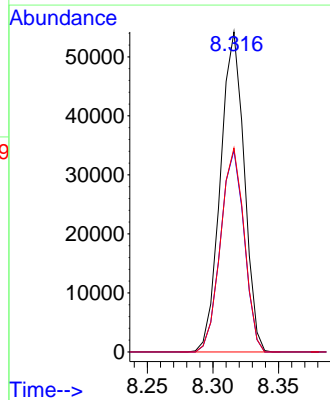
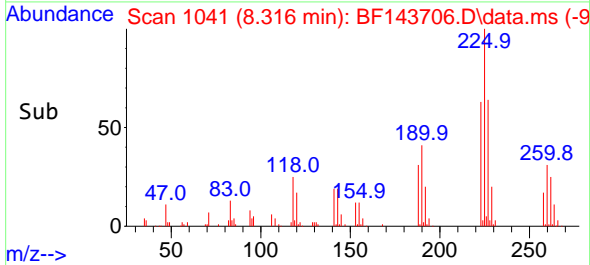


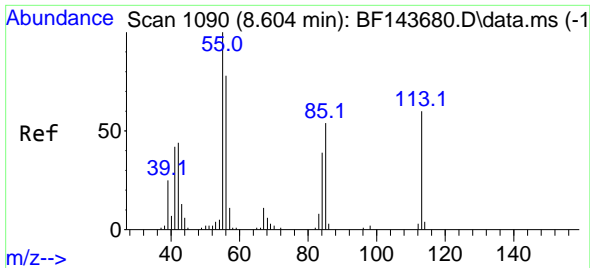
#34
 Hexachlorobutadiene
 Concen: 44.656 ng
 RT: 8.316 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:225 Resp: 68312

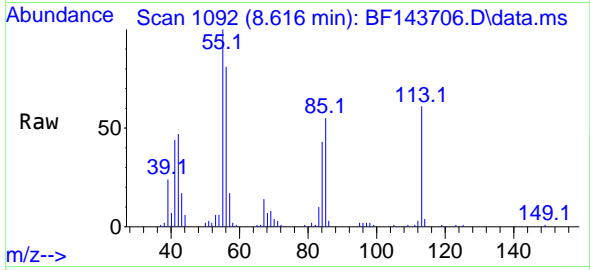
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.7	50.8	76.2



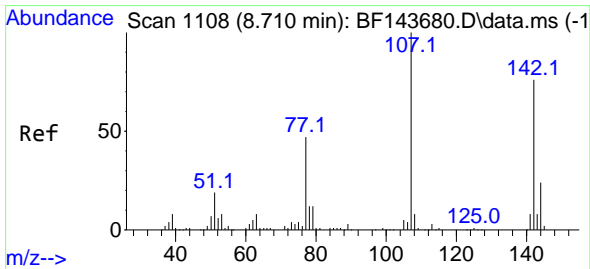
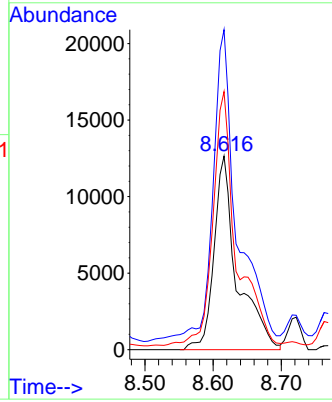
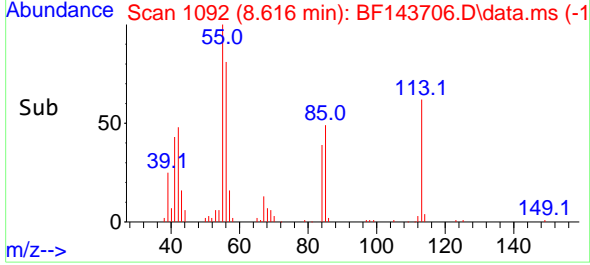


#35
 Caprolactam
 Concen: 49.812 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

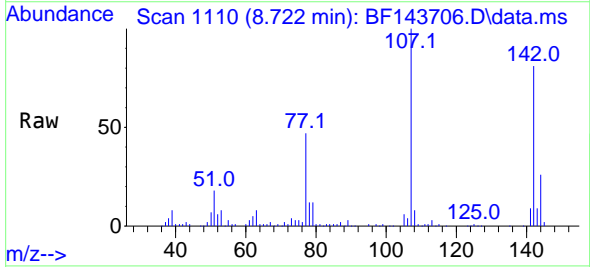
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



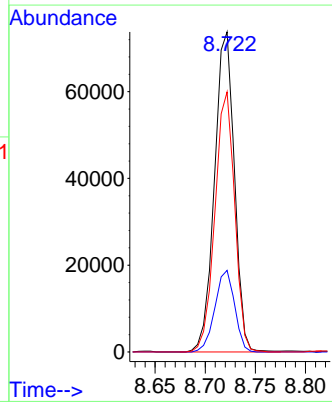
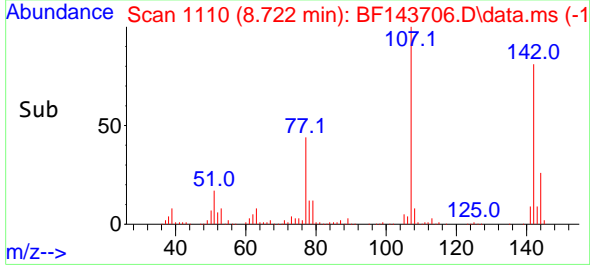
Tgt Ion:113 Resp: 30013
 Ion Ratio Lower Upper
 113 100
 55 165.2 148.9 188.9
 56 133.2 112.8 152.8

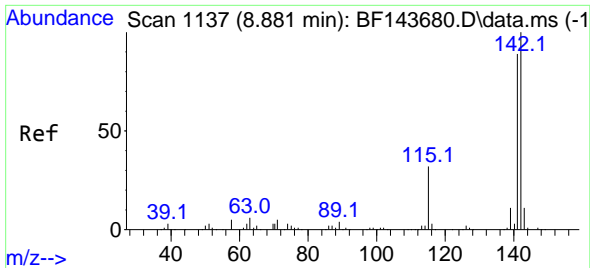


#36
 4-Chloro-3-methylphenol
 Concen: 45.669 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:107 Resp: 101941
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.4 29.2
 142 81.2 60.6 91.0

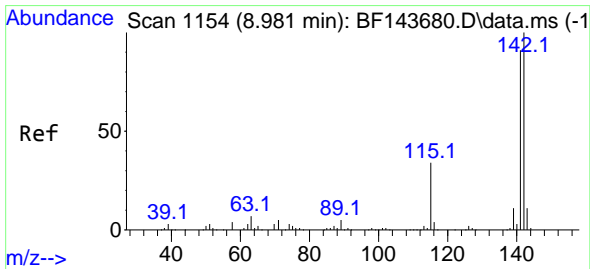
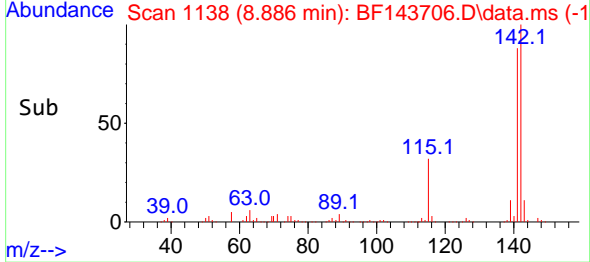
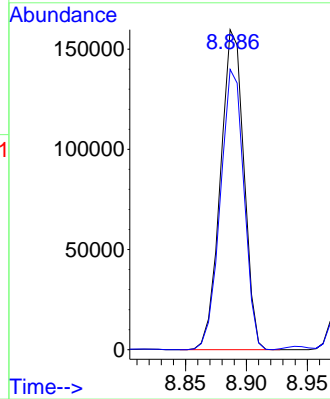
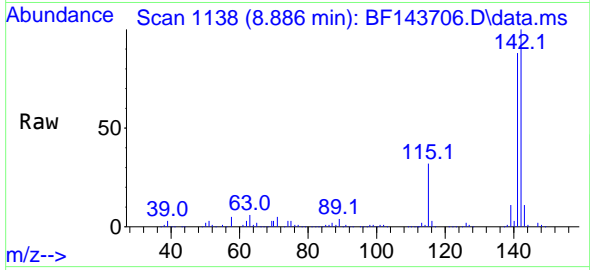




#37
 2-Methylnaphthalene
 Concen: 41.305 ng
 RT: 8.886 min Scan# 1137
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

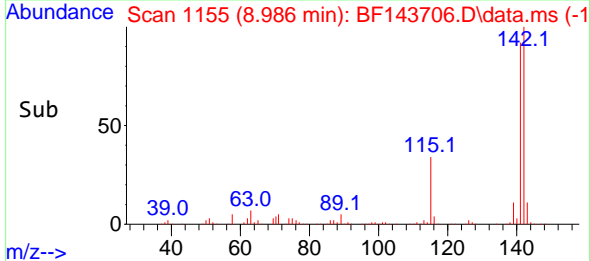
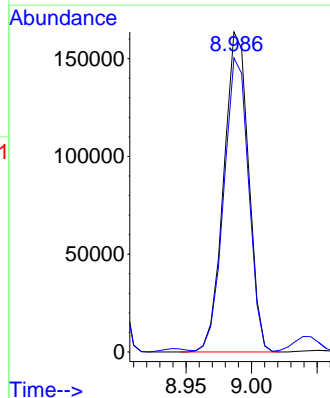
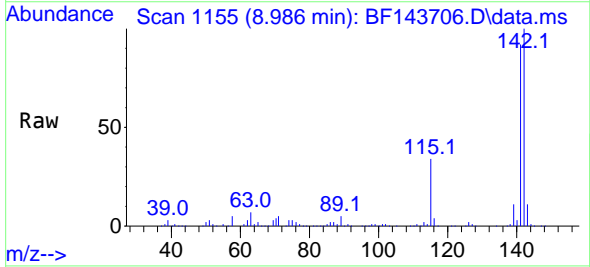
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

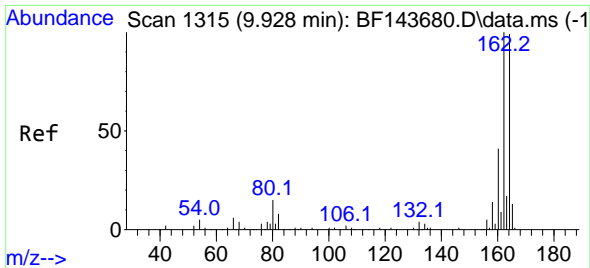
Tgt Ion:142 Resp: 214084
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.1 106.7



#38
 1-Methylnaphthalene
 Concen: 43.360 ng
 RT: 8.986 min Scan# 1155
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:142 Resp: 215674
 Ion Ratio Lower Upper
 142 100
 141 91.8 72.9 109.3



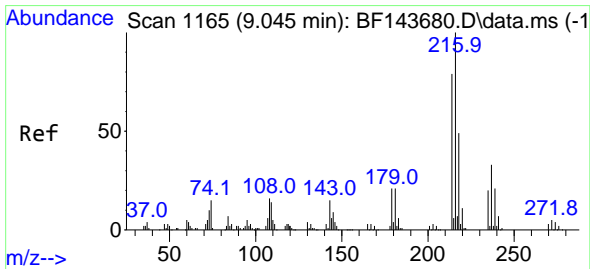
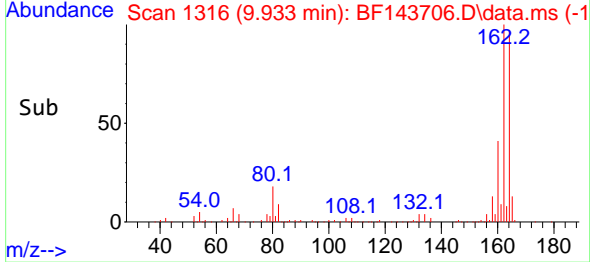
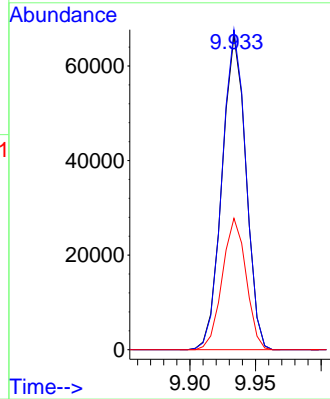
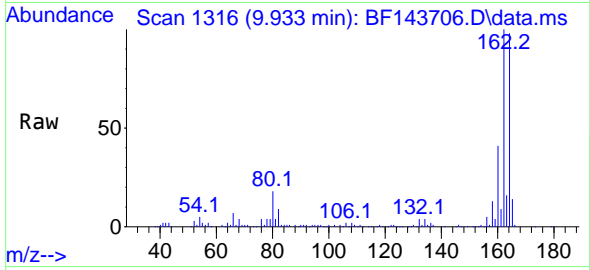


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

Tgt Ion:164 Resp: 84354

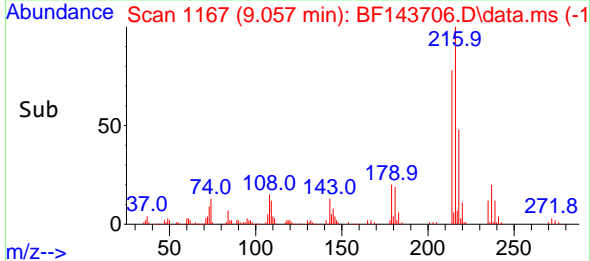
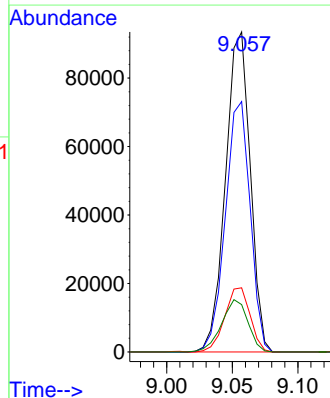
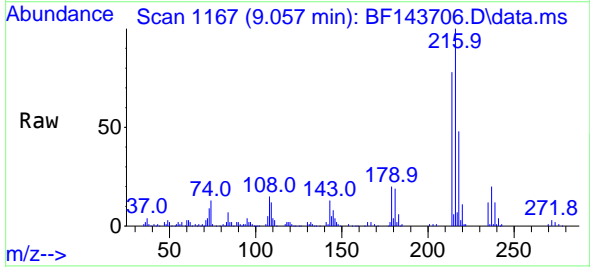
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	121.0
160	41.9	33.0	49.4

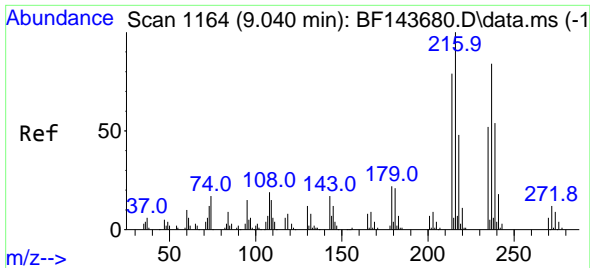


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.819 ng
 RT: 9.057 min Scan# 1167
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:216 Resp: 122724

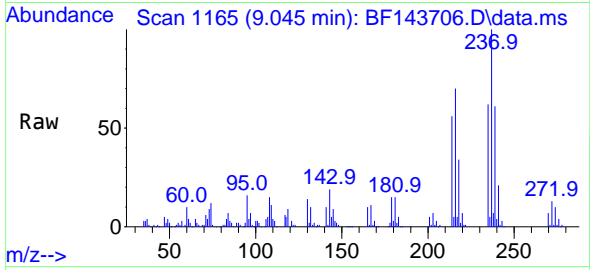
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.2	94.8
179	20.6	16.8	25.2
108	17.4	13.0	19.6



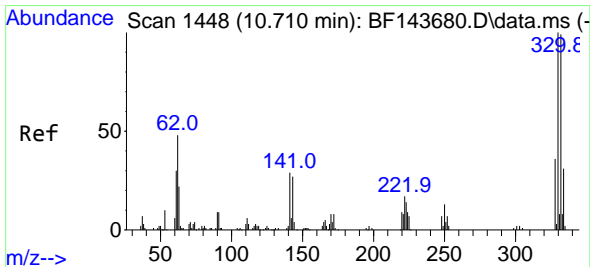
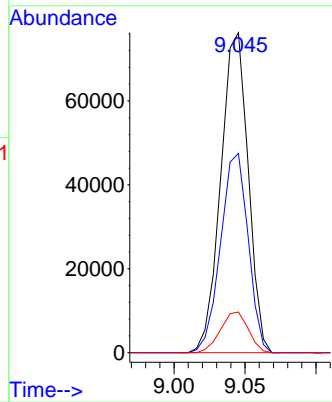
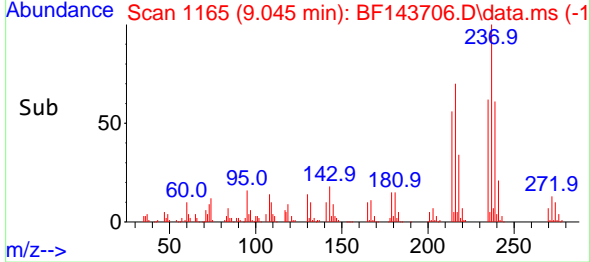


#41
 Hexachlorocyclopentadiene
 Concen: 82.722 ng
 RT: 9.045 min Scan# 1164
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

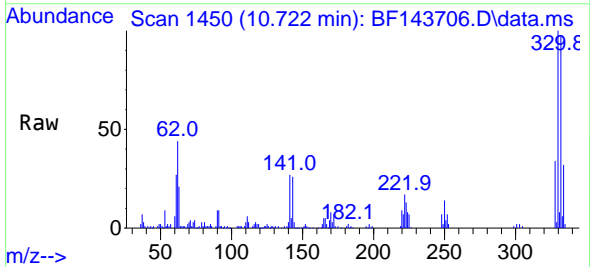
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



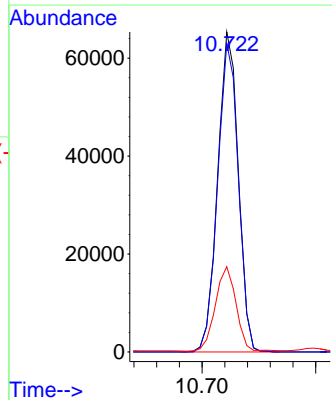
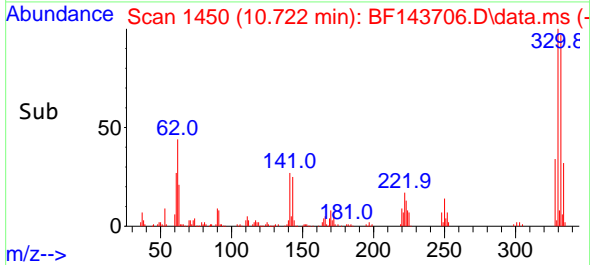
Tgt Ion:237 Resp: 102559
 Ion Ratio Lower Upper
 237 100
 235 62.3 41.6 81.6
 272 12.7 0.0 33.9

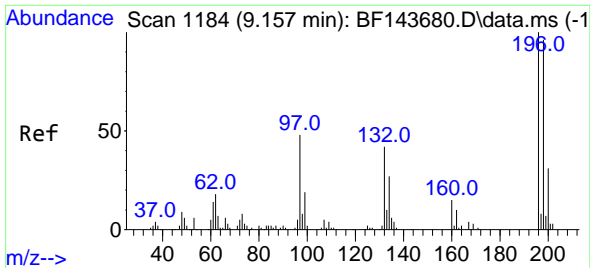


#42
 2,4,6-Tribromophenol
 Concen: 96.905 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:330 Resp: 82379
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.2 118.8
 141 26.4 22.2 33.4

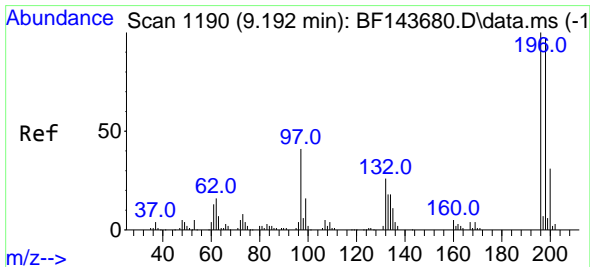
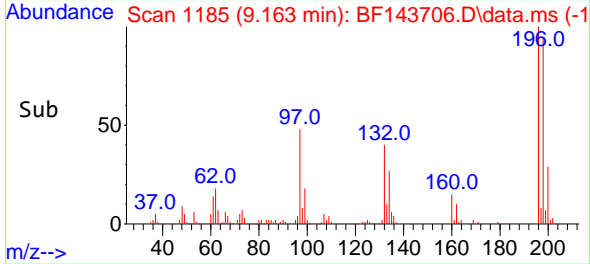
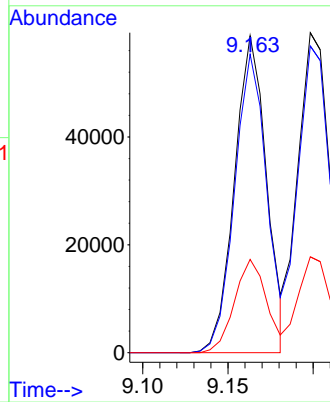
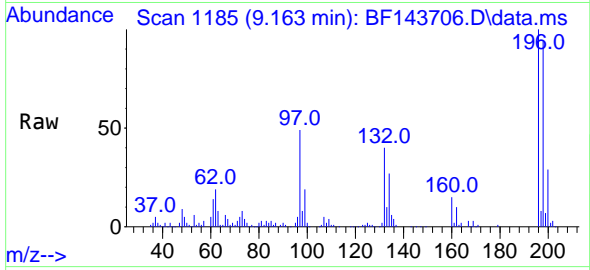




#43
 2,4,6-Trichlorophenol
 Concen: 47.783 ng
 RT: 9.163 min Scan# 1185
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

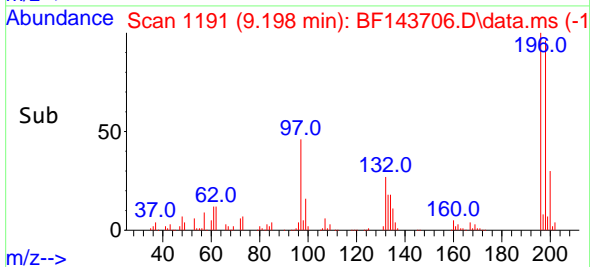
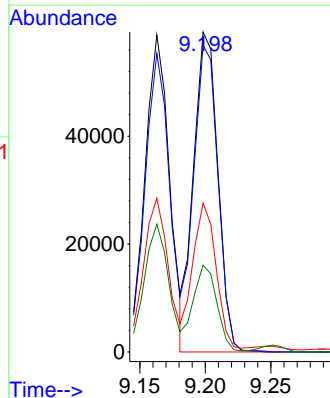
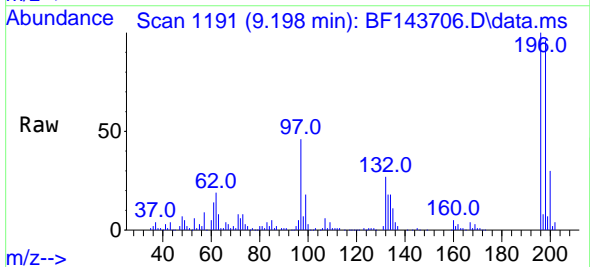
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

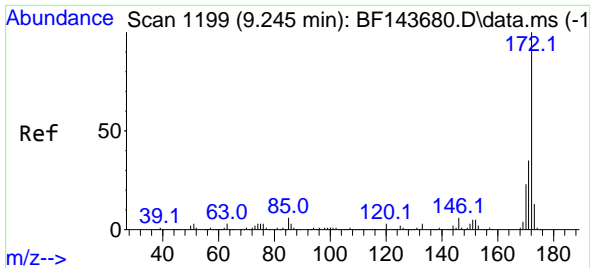
Tgt Ion:196 Resp: 77053
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.5 114.7
 200 29.4 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 46.754 ng
 RT: 9.198 min Scan# 1191
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:196 Resp: 76645
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.0 115.6
 97 46.5 34.2 51.4
 132 27.1 21.8 32.6

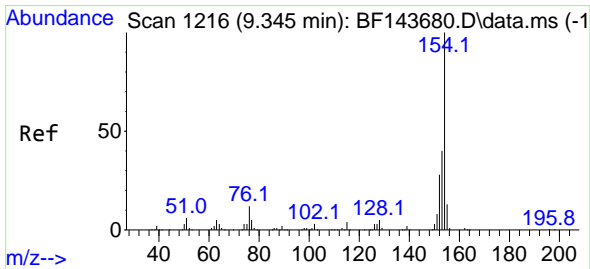
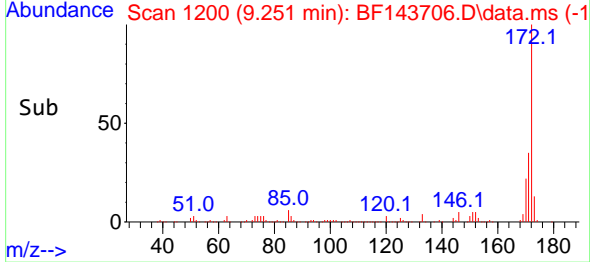
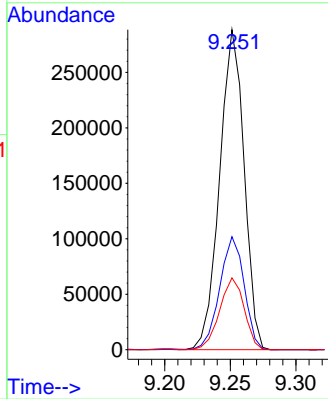
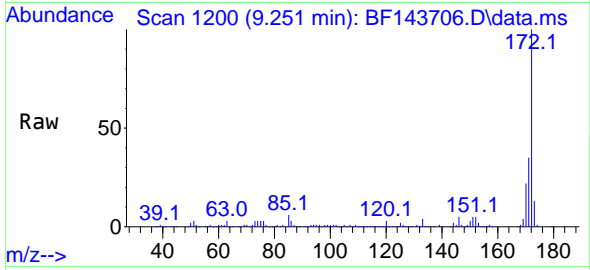




#45
 2-Fluorobiphenyl
 Concen: 67.036 ng
 RT: 9.251 min Scan# 1199
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

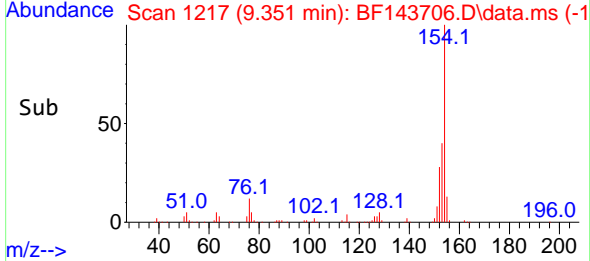
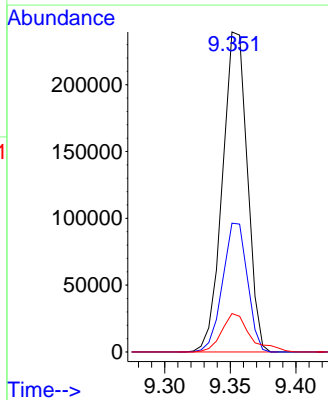
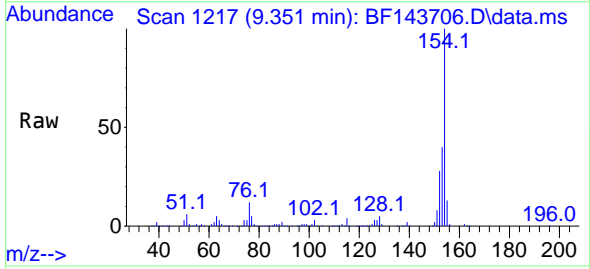
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

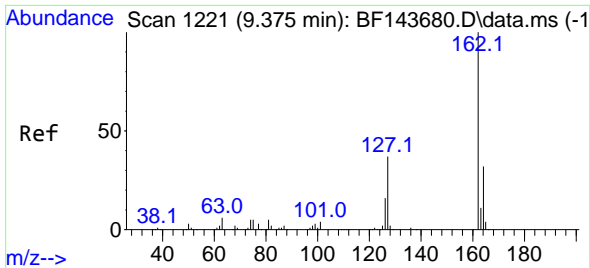
Tgt Ion:172 Resp: 374335
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 22.4 18.6 27.8



#46
 1,1'-Biphenyl
 Concen: 52.038 ng
 RT: 9.351 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

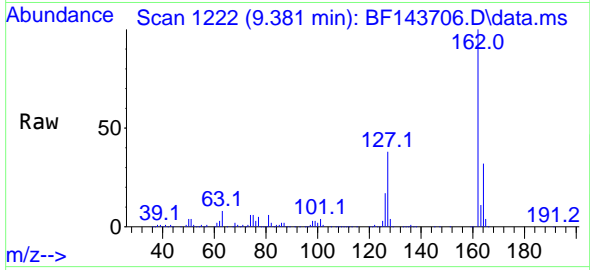
Tgt Ion:154 Resp: 316018
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.2 60.2
 76 12.0 0.0 31.6



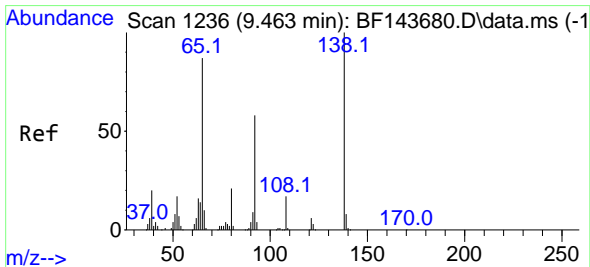
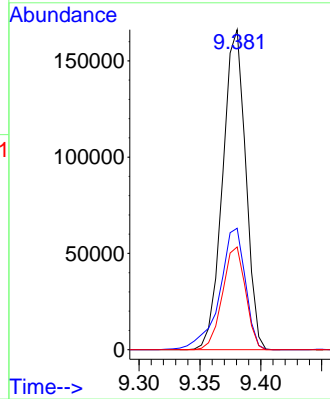
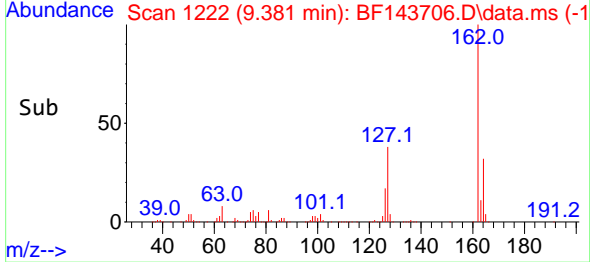


#47
 2-Chloronaphthalene
 Concen: 45.936 ng
 RT: 9.381 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

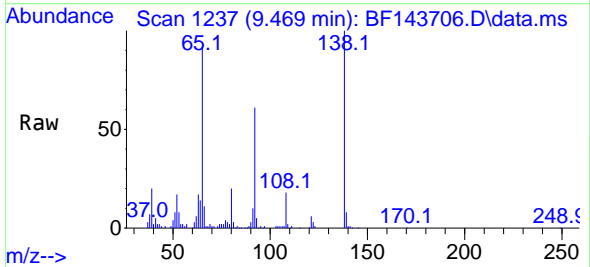
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



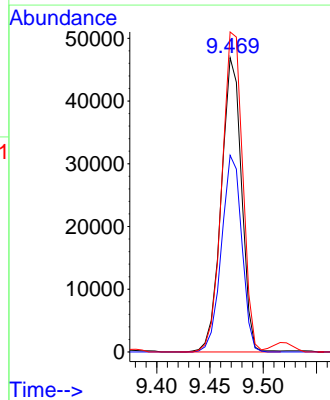
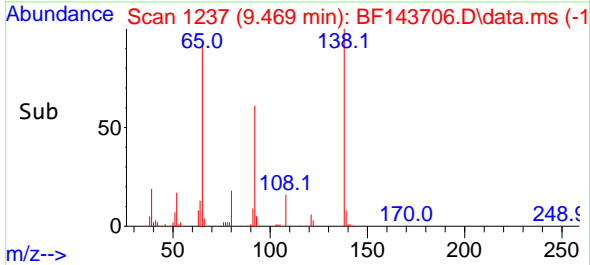
Tgt Ion:162 Resp: 218695
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.6 45.8
 164 32.1 25.8 38.8

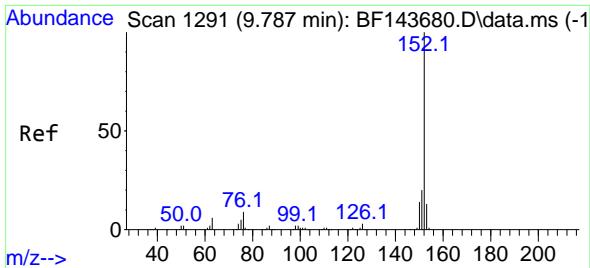


#48
 2-Nitroaniline
 Concen: 49.104 ng
 RT: 9.469 min Scan# 1237
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion: 65 Resp: 61866
 Ion Ratio Lower Upper
 65 100
 92 66.8 53.3 79.9
 138 108.8 92.1 138.1



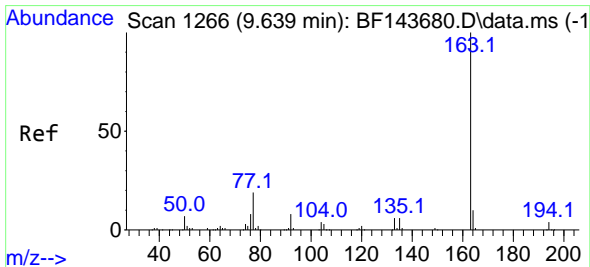
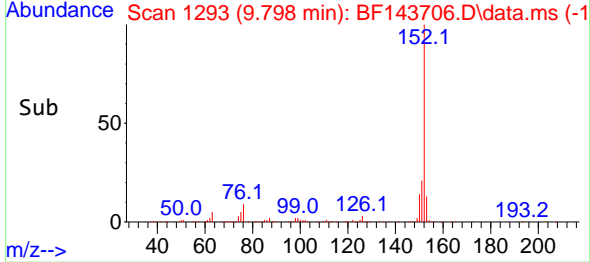
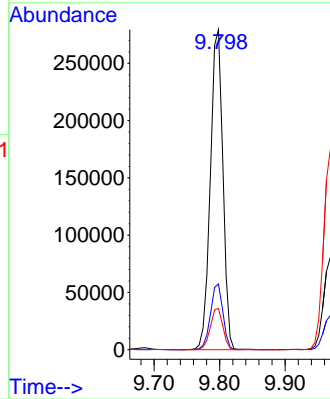
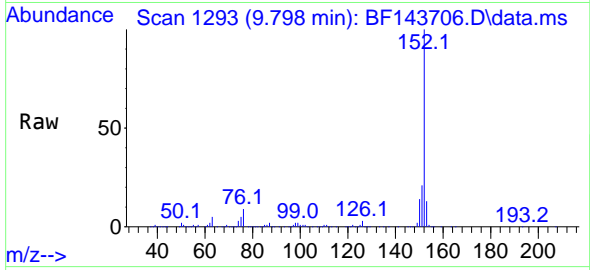


#49
 Acenaphthylene
 Concen: 54.629 ng
 RT: 9.798 min Scan# 1293
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

Tgt Ion:152 Resp: 372546

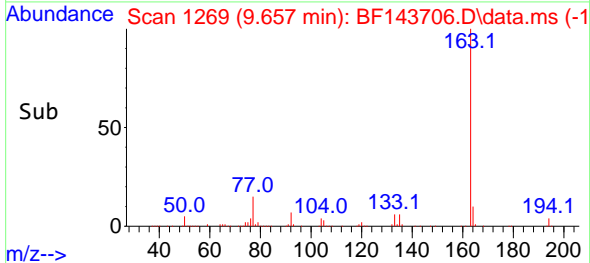
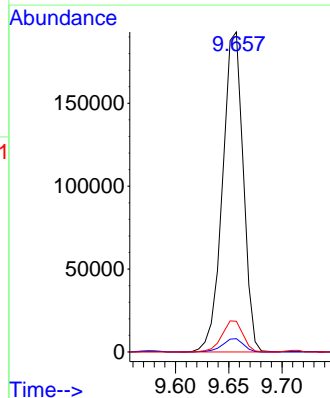
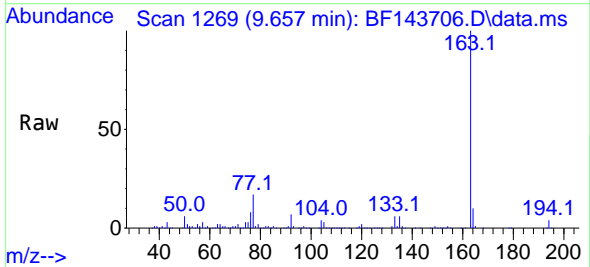
Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	12.9	10.4	15.6

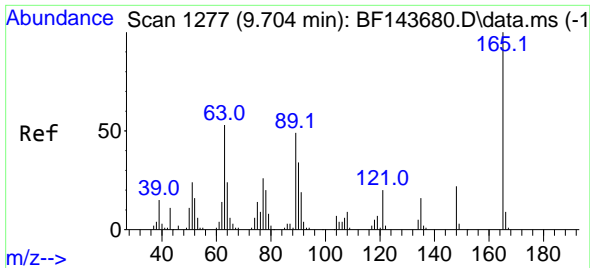


#50
 Dimethylphthalate
 Concen: 47.512 ng
 RT: 9.657 min Scan# 1269
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:163 Resp: 260760

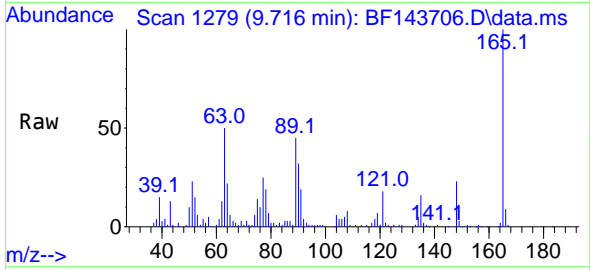
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.6	8.0	12.0



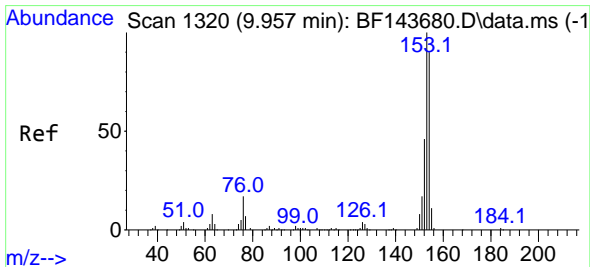
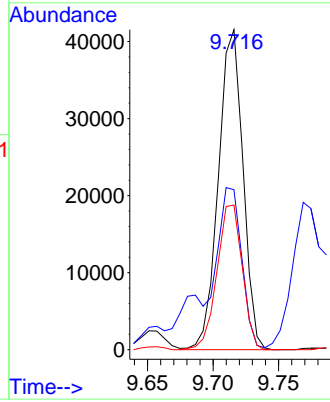
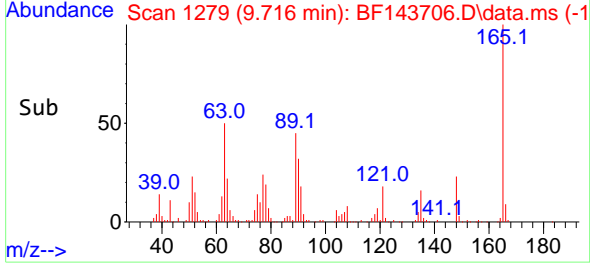


#51
 2,6-Dinitrotoluene
 Concen: 51.542 ng
 RT: 9.716 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

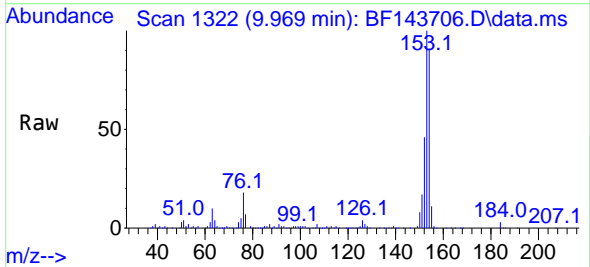
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



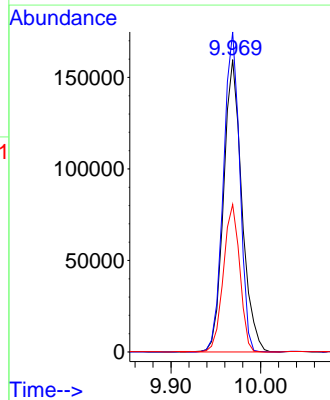
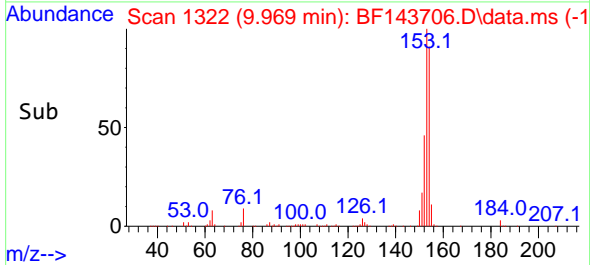
Tgt Ion:165 Resp: 54086
 Ion Ratio Lower Upper
 165 100
 63 50.0 42.2 63.4
 89 45.2 39.3 58.9

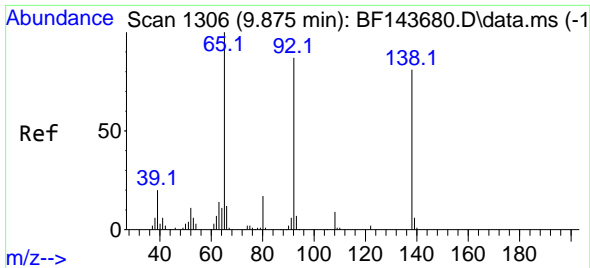


#52
 Acenaphthene
 Concen: 48.015 ng
 RT: 9.969 min Scan# 1322
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:154 Resp: 225636
 Ion Ratio Lower Upper
 154 100
 153 109.5 89.4 134.0
 152 50.5 41.2 61.8

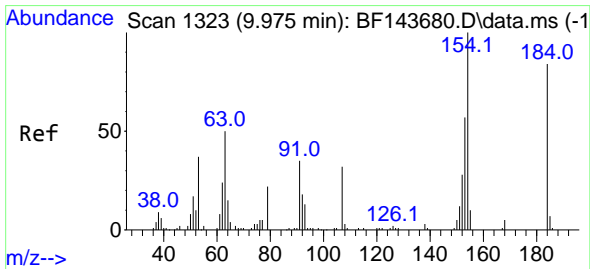
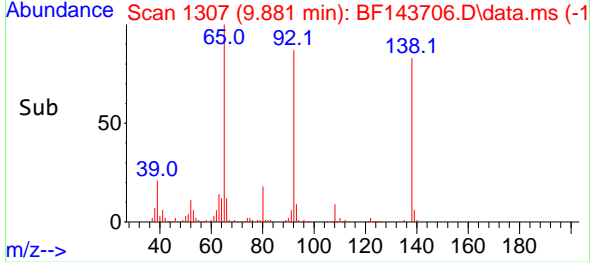
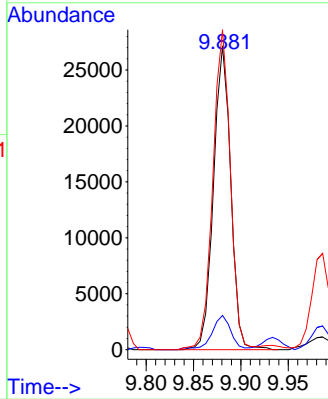
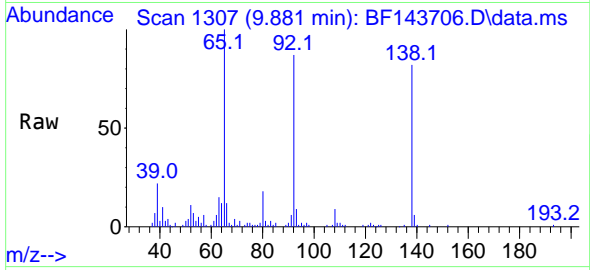




#53
 3-Nitroaniline
 Concen: 30.439 ng
 RT: 9.881 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

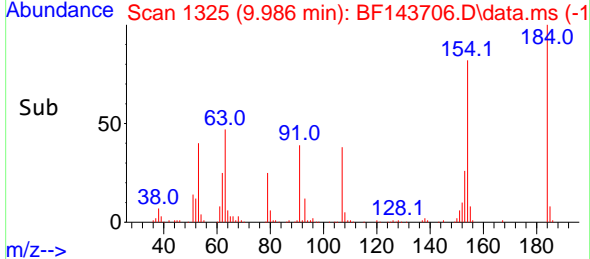
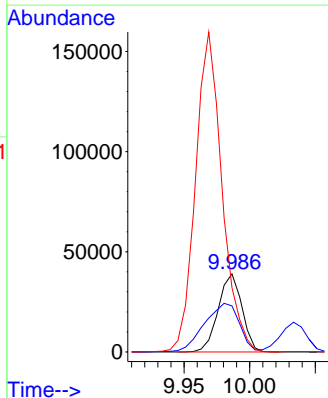
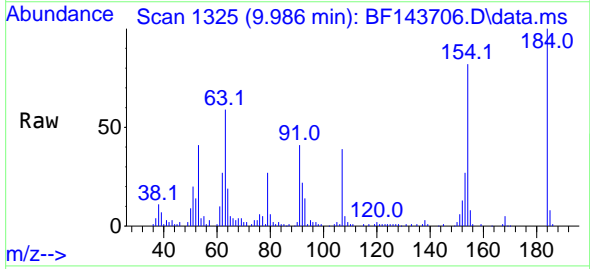
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

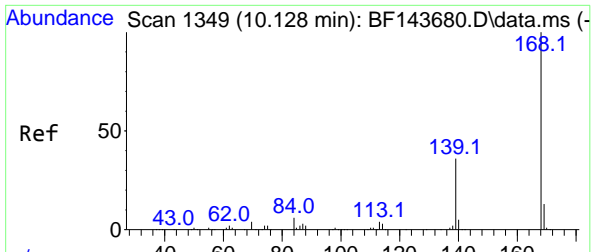
Tgt Ion:138 Resp: 34374
 Ion Ratio Lower Upper
 138 100
 108 11.3 8.6 12.8
 92 105.3 85.5 128.3



#54
 2,4-Dinitrophenol
 Concen: 86.064 ng
 RT: 9.986 min Scan# 1325
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

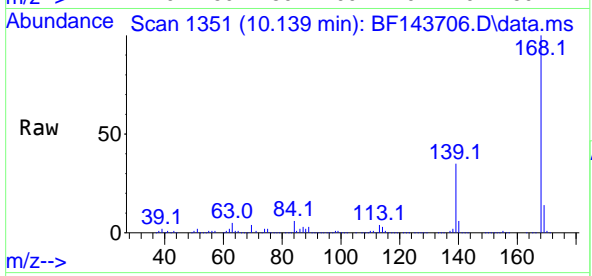
Tgt Ion:184 Resp: 48843
 Ion Ratio Lower Upper
 184 100
 63 59.1 52.7 79.1
 154 82.4 136.6 204.8#





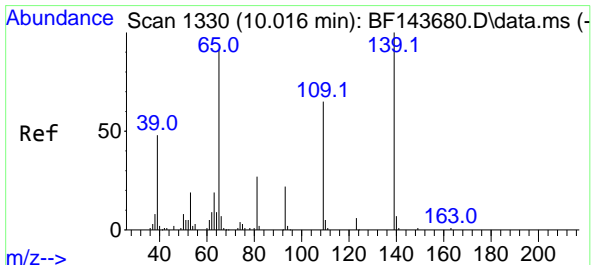
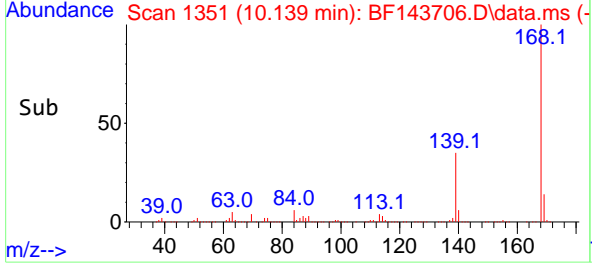
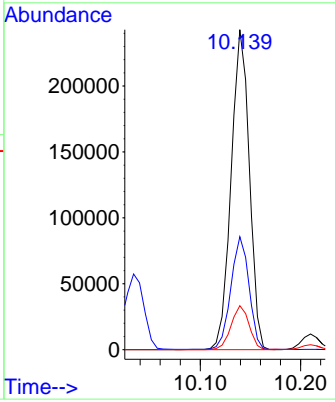
#55
 Dibenzofuran
 Concen: 45.386 ng
 RT: 10.139 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



Tgt Ion:168 Resp: 306691

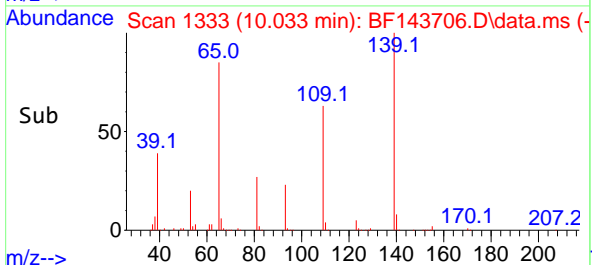
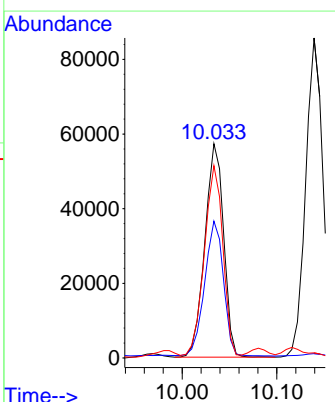
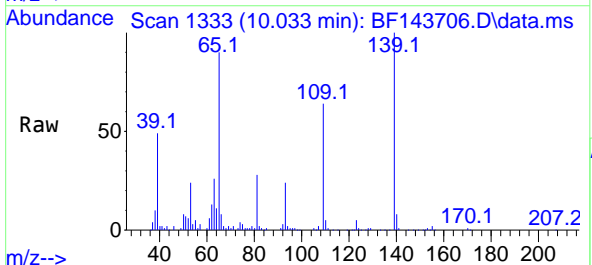
Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.0	43.4
169	13.7	10.8	16.2

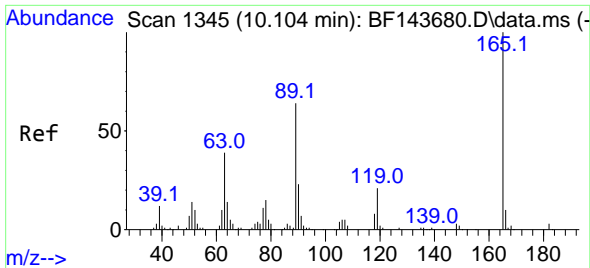


#56
 4-Nitrophenol
 Concen: 87.713 ng
 RT: 10.033 min Scan# 1333
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:139 Resp: 78803

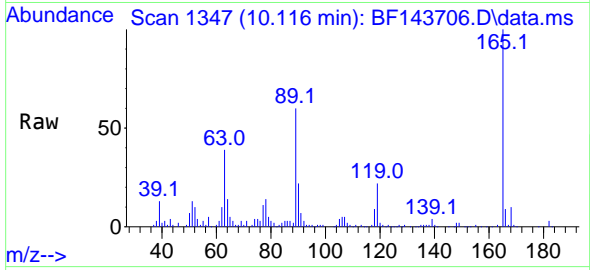
Ion	Ratio	Lower	Upper
139	100		
109	63.8	45.2	85.2
65	89.7	72.1	112.1



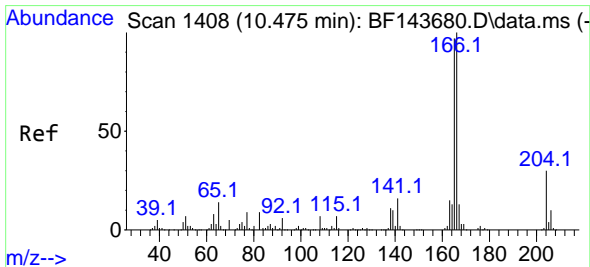
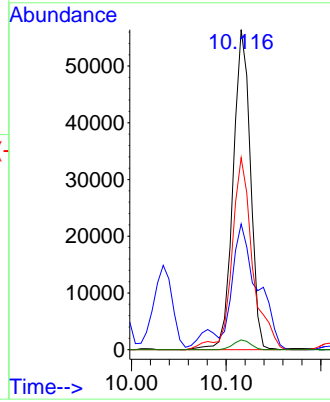
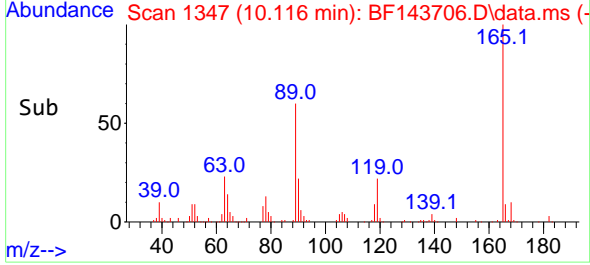


#57
 2,4-Dinitrotoluene
 Concen: 50.309 ng
 RT: 10.116 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

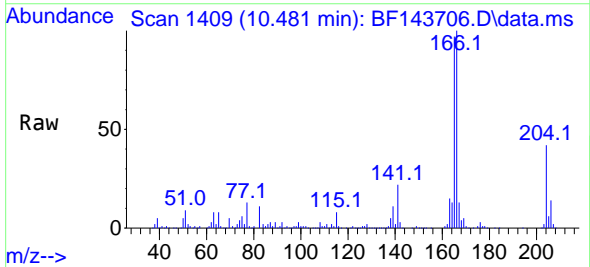
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



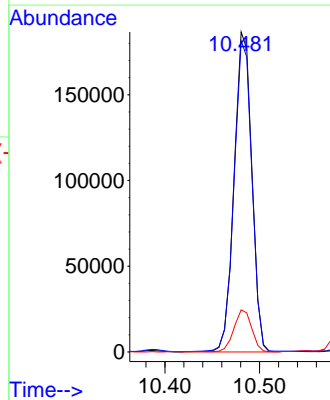
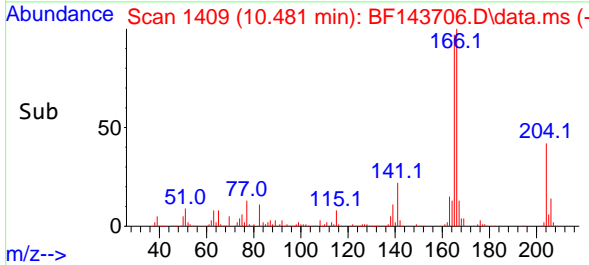
Tgt Ion:165 Resp: 71850
 Ion Ratio Lower Upper
 165 100
 63 39.3 31.5 47.3
 89 60.0 51.3 76.9
 182 3.0 2.2 3.4

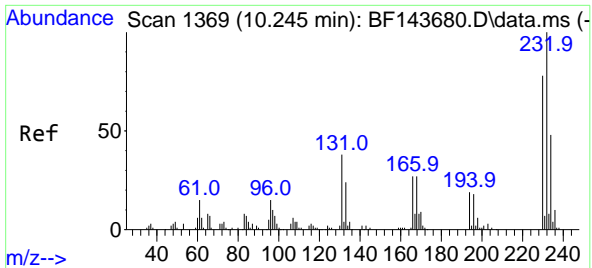


#58
 Fluorene
 Concen: 45.934 ng
 RT: 10.481 min Scan# 1409
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



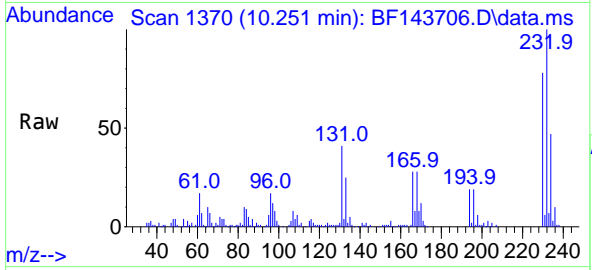
Tgt Ion:166 Resp: 242974
 Ion Ratio Lower Upper
 166 100
 165 97.2 77.5 116.3
 167 13.1 10.2 15.2



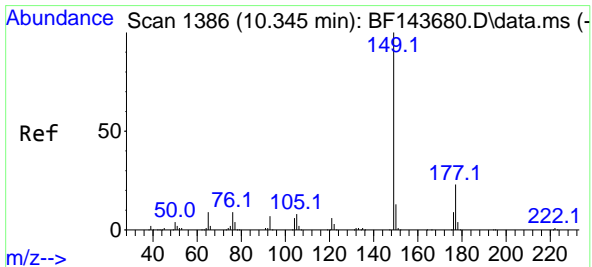
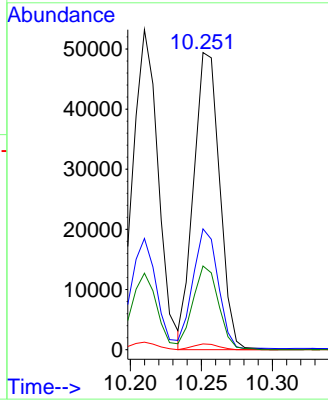
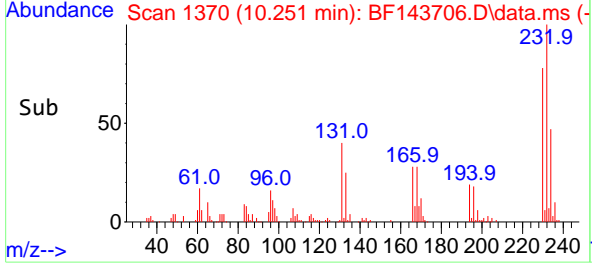


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.392 ng
 RT: 10.251 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

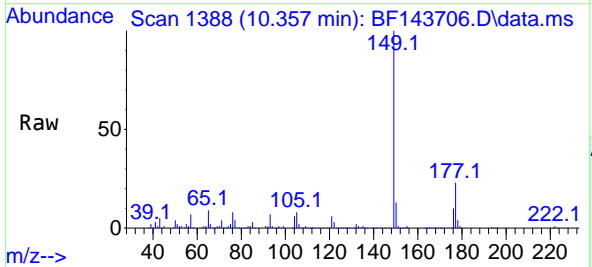
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



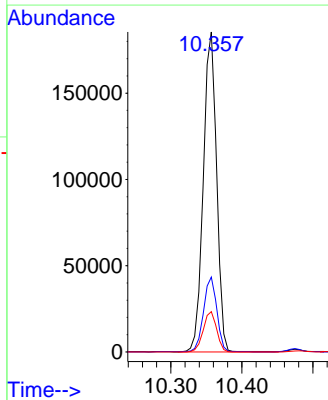
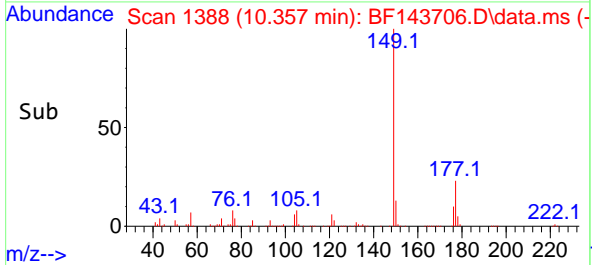
Tgt Ion:232 Resp: 62996
 Ion Ratio Lower Upper
 232 100
 131 38.8 31.9 47.9
 130 1.9 1.4 2.0
 166 27.7 22.0 33.0

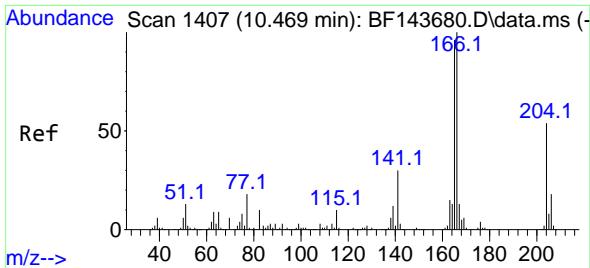


#60
 Diethylphthalate
 Concen: 47.067 ng
 RT: 10.357 min Scan# 1388
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:149 Resp: 242517
 Ion Ratio Lower Upper
 149 100
 177 23.4 18.2 27.2
 150 12.6 10.0 15.0

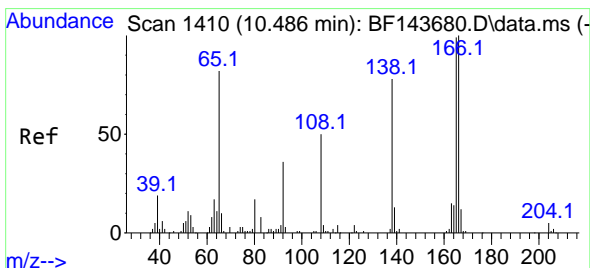
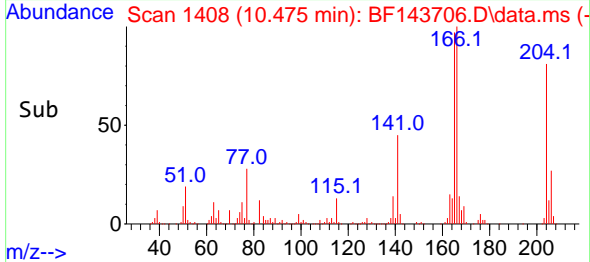
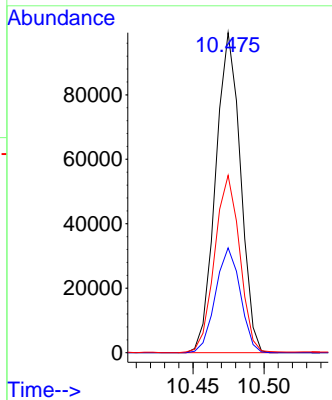
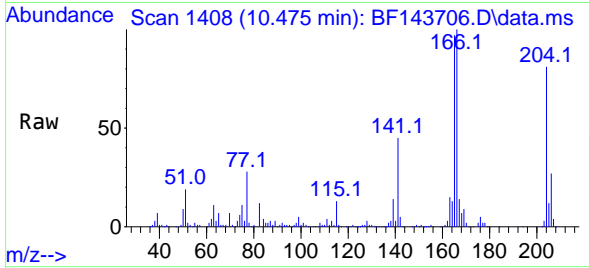




#61
 4-Chlorophenyl-phenylether
 Concen: 44.939 ng
 RT: 10.475 min Scan# 1407
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

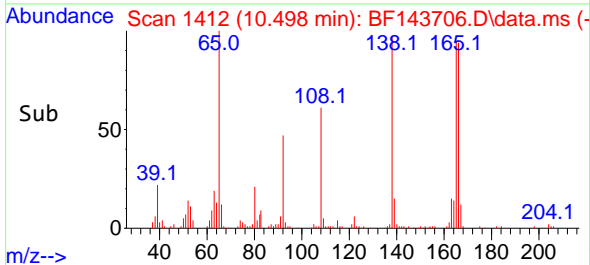
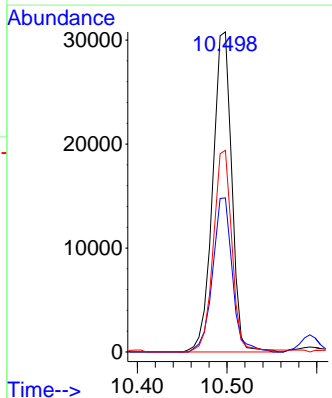
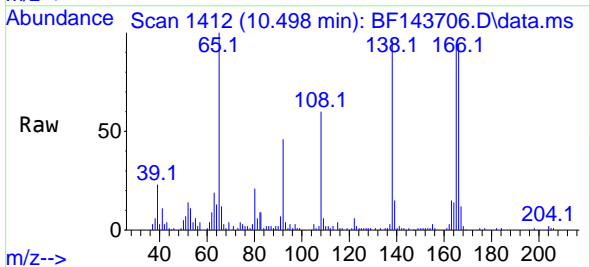
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

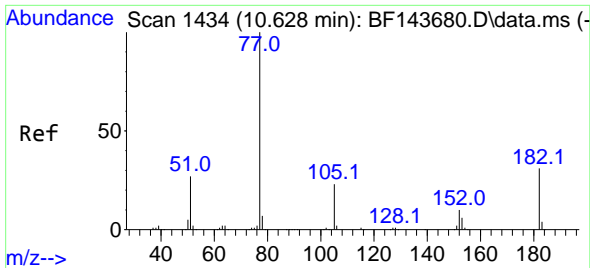
Tgt Ion:204 Resp: 120555
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.0 39.0
 141 55.4 44.8 67.2



#62
 4-Nitroaniline
 Concen: 42.303 ng
 RT: 10.498 min Scan# 1412
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

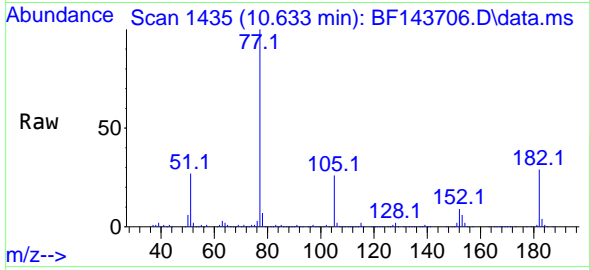
Tgt Ion:138 Resp: 45245
 Ion Ratio Lower Upper
 138 100
 92 48.1 26.4 66.4
 108 63.0 44.3 84.3



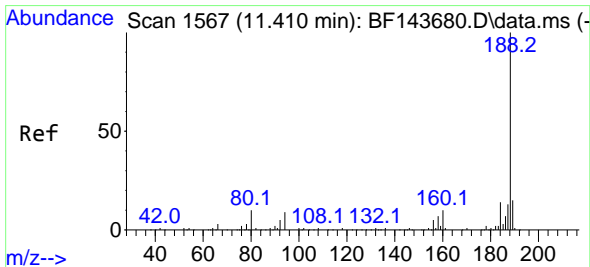
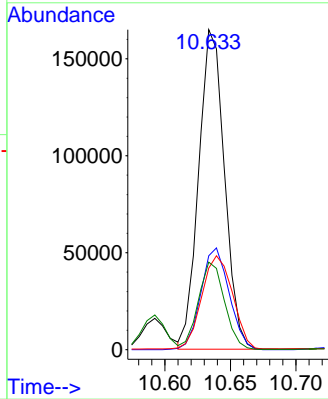
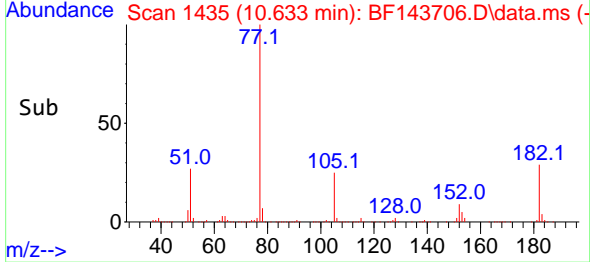


#63
 Azobenzene
 Concen: 49.578 ng
 RT: 10.633 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

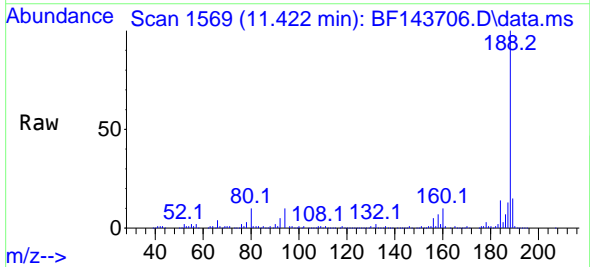
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



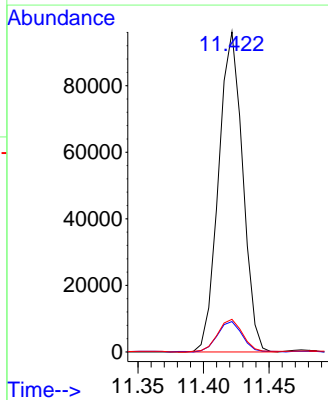
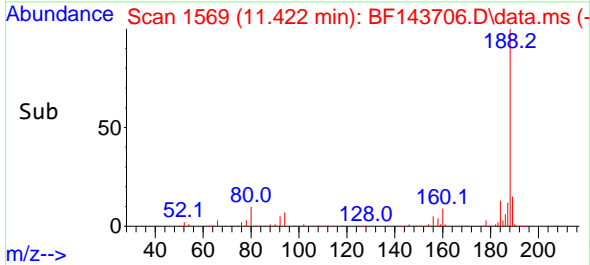
Tgt Ion: 77 Resp: 225836
 Ion Ratio Lower Upper
 77 100
 182 29.3 10.8 50.8
 105 25.5 3.2 43.2
 51 27.4 7.7 47.7

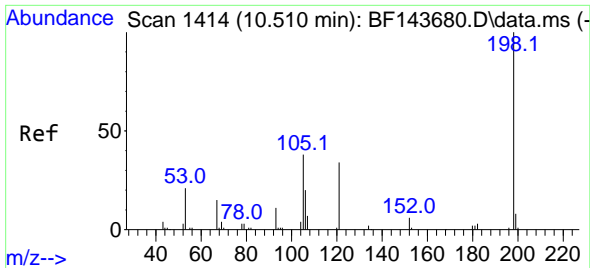


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.422 min Scan# 1569
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion: 188 Resp: 123003
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.4 11.0
 80 10.2 7.7 11.5

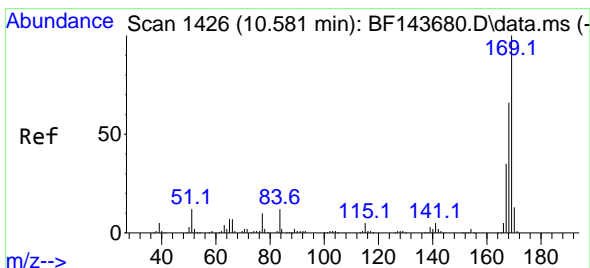
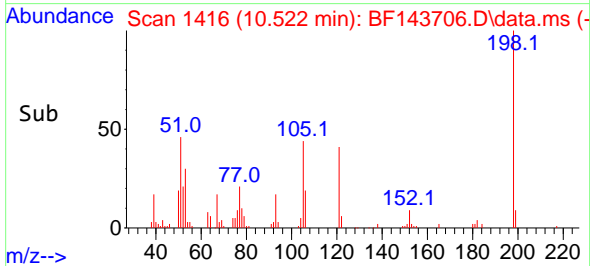
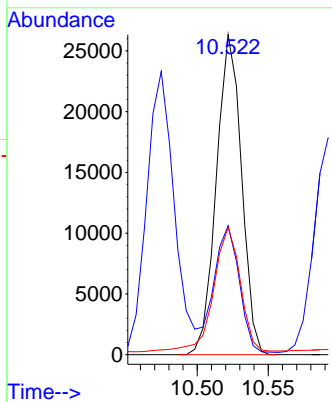
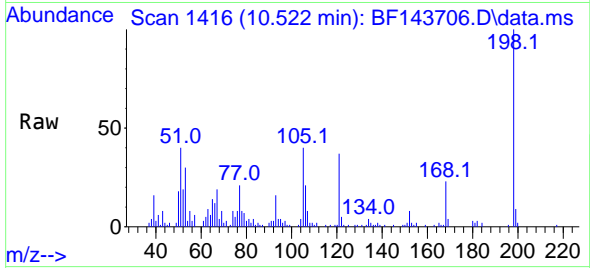




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.688 ng
 RT: 10.522 min Scan# 1414
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

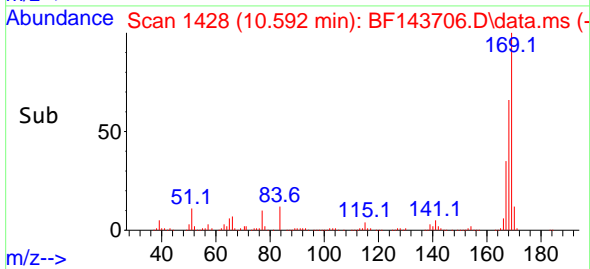
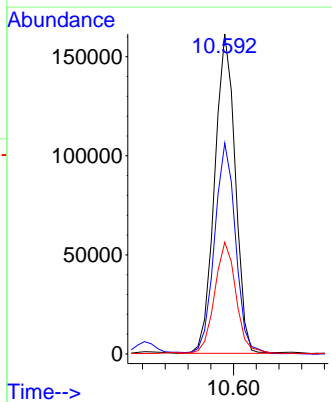
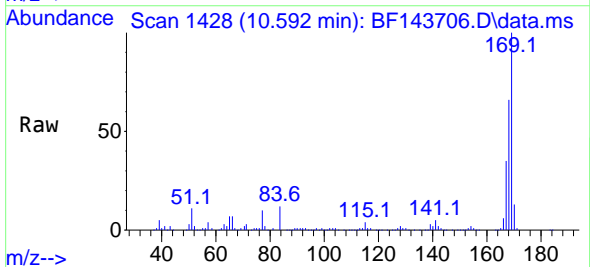
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

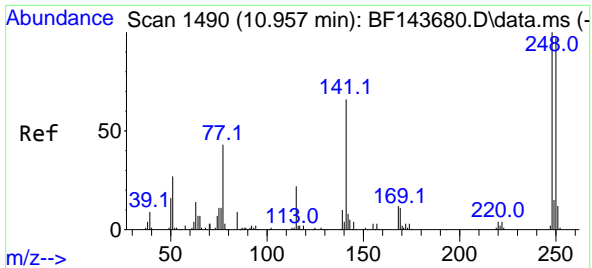
Tgt Ion:198 Resp: 32370
 Ion Ratio Lower Upper
 198 100
 51 40.3 21.2 61.2
 105 39.8 19.0 59.0



#66
 n-Nitrosodiphenylamine
 Concen: 50.448 ng
 RT: 10.592 min Scan# 1428
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:169 Resp: 203283
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.0 79.6
 167 34.9 28.1 42.1



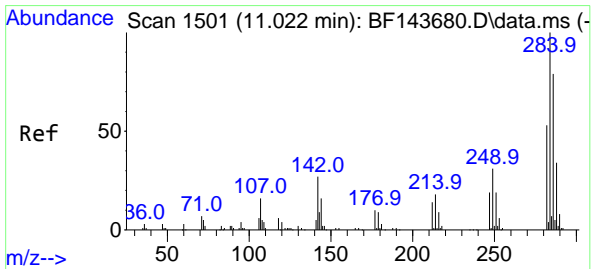
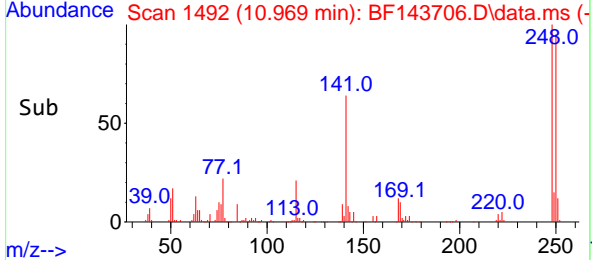
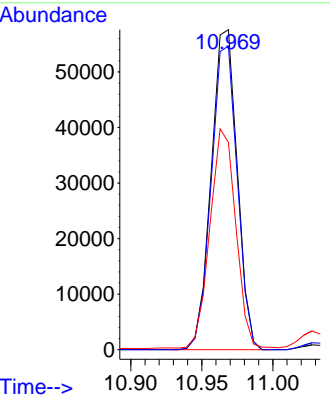
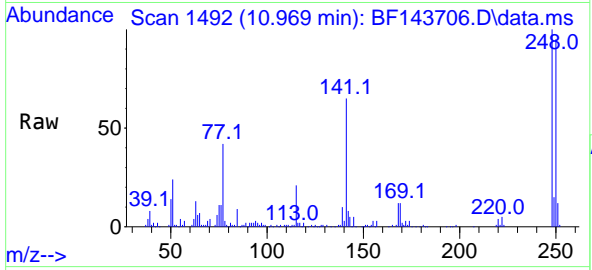


#67
 4-Bromophenyl-phenylether
 Concen: 49.450 ng
 RT: 10.969 min Scan# 14
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

Tgt Ion:248 Resp: 73349

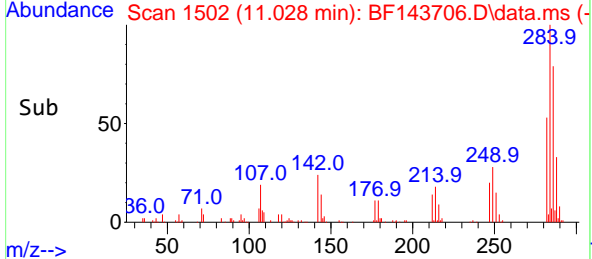
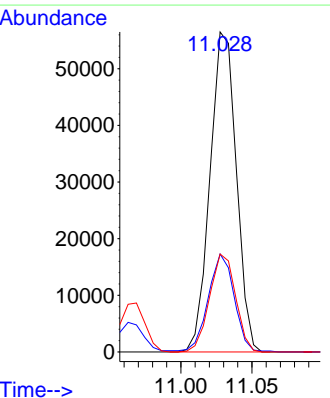
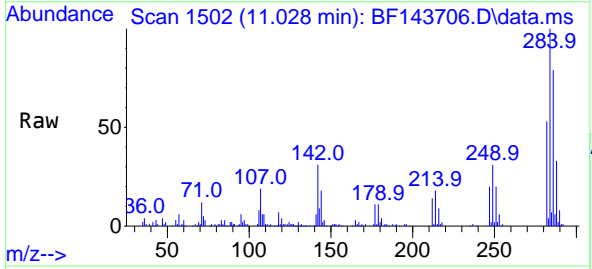
Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.5	116.3
141	64.8	52.6	79.0

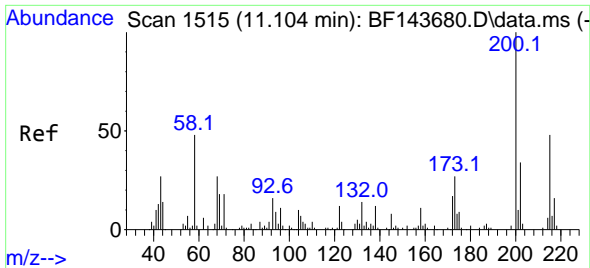


#68
 Hexachlorobenzene
 Concen: 46.440 ng
 RT: 11.028 min Scan# 1502
 Delta R.T. 0.006 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:284 Resp: 72735

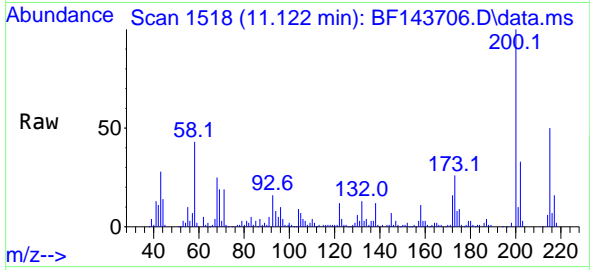
Ion	Ratio	Lower	Upper
284	100		
142	30.6	21.3	31.9
249	30.6	25.0	37.4



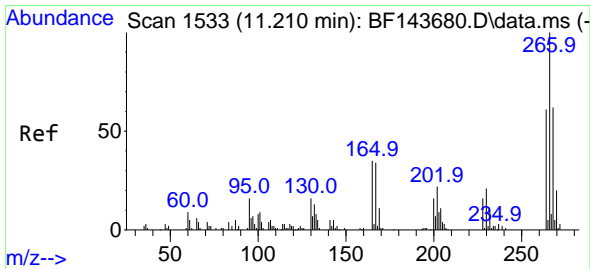
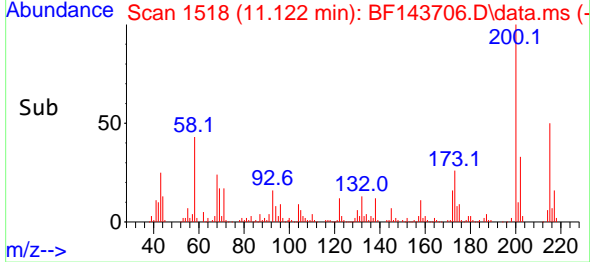
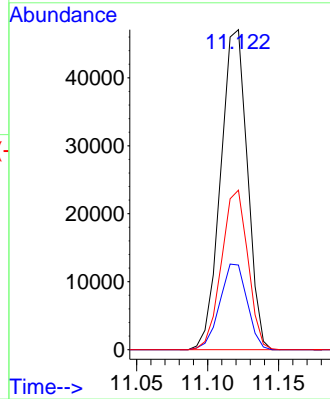


#69
 Atrazine
 Concen: 48.854 ng
 RT: 11.122 min Scan# 1515
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

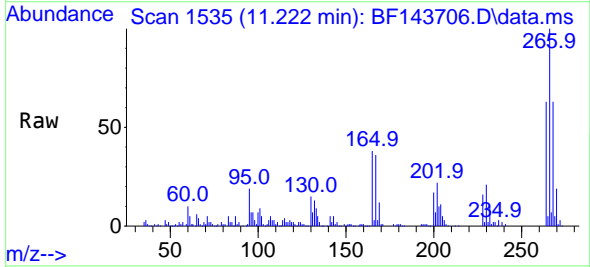
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



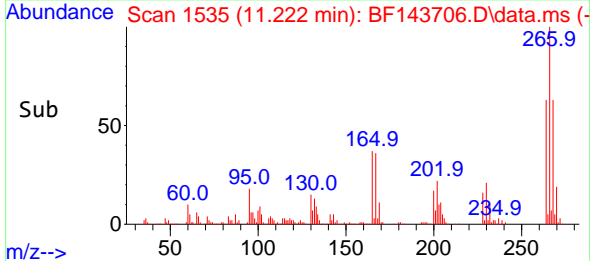
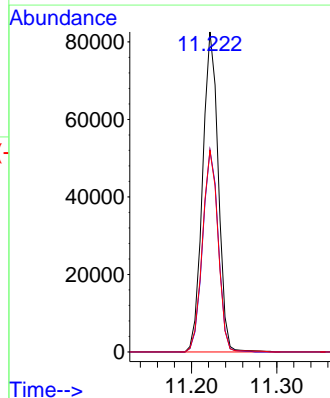
Tgt Ion:200 Resp: 61725
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.3 47.3
 215 49.9 28.5 68.5

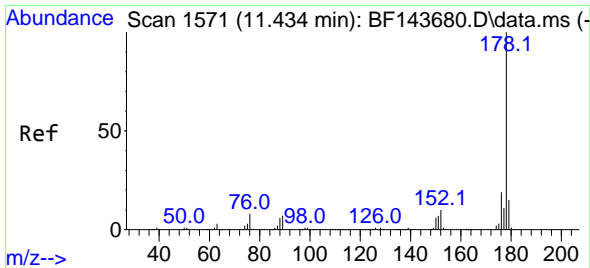


#70
 Pentachlorophenol
 Concen: 111.108 ng
 RT: 11.222 min Scan# 1535
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:266 Resp: 105195
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.2 73.8
 264 63.0 48.6 73.0



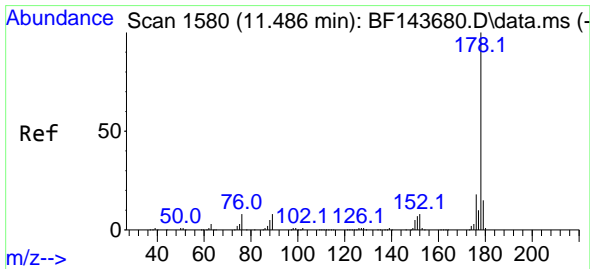
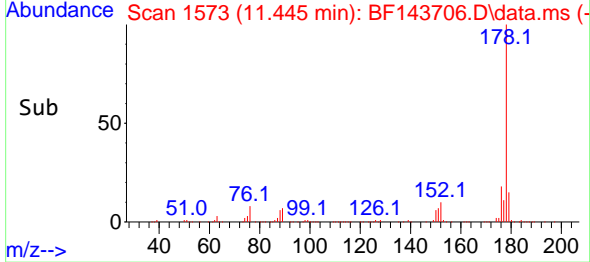
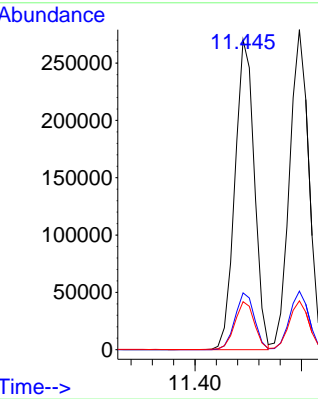
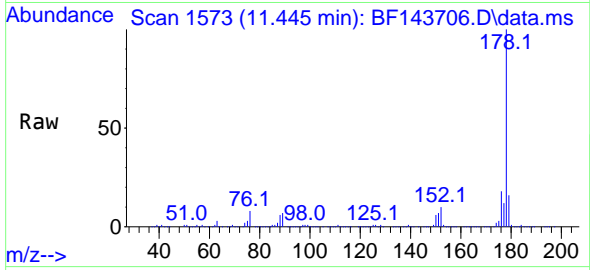


#71
 Phenanthrene
 Concen: 50.485 ng
 RT: 11.445 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

Tgt Ion:178 Resp: 342150

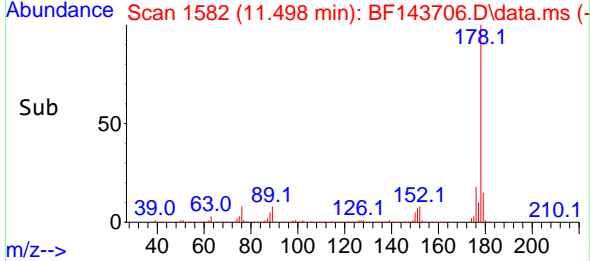
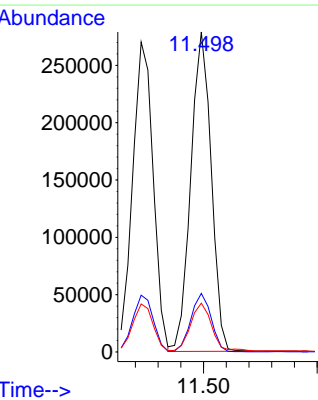
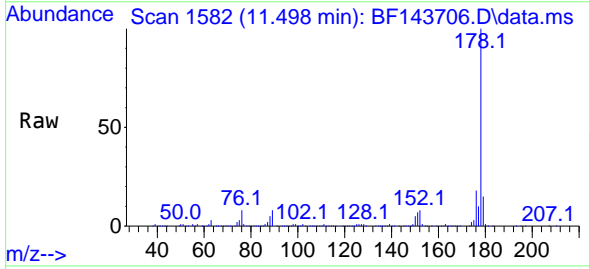
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.5	12.2	18.2

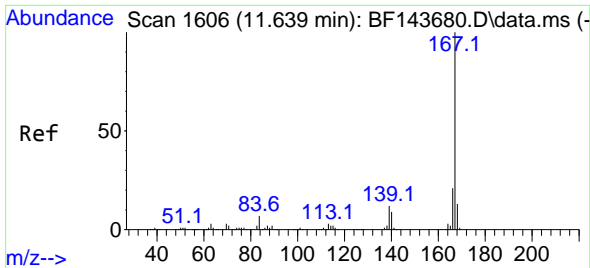


#72
 Anthracene
 Concen: 51.002 ng
 RT: 11.498 min Scan# 1582
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:178 Resp: 347556

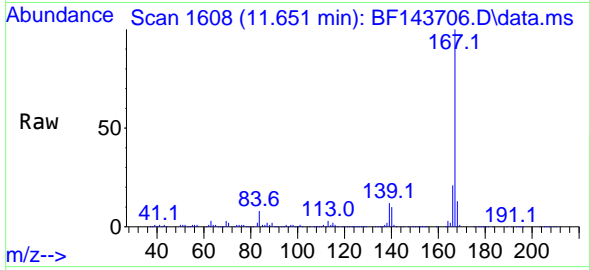
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.3	12.2	18.2



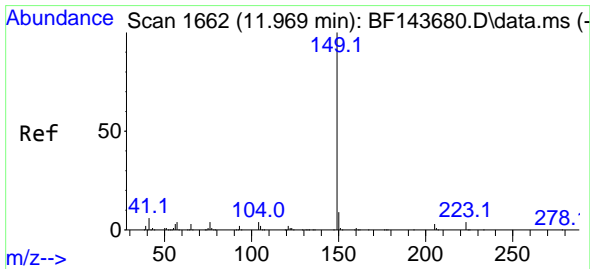
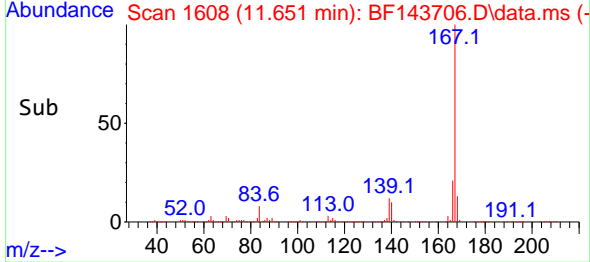
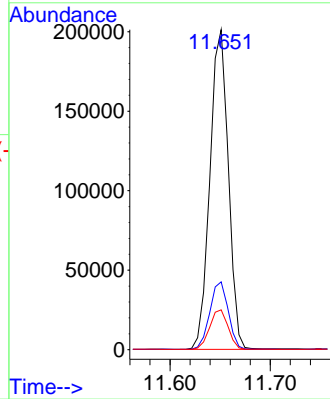


#73
 Carbazole
 Concen: 46.023 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

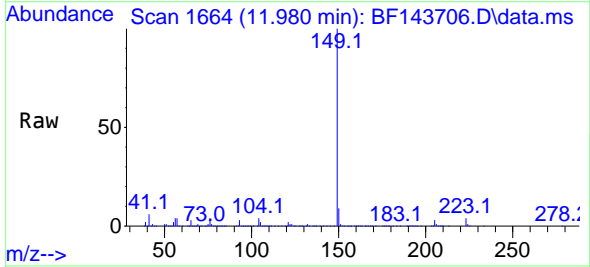
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



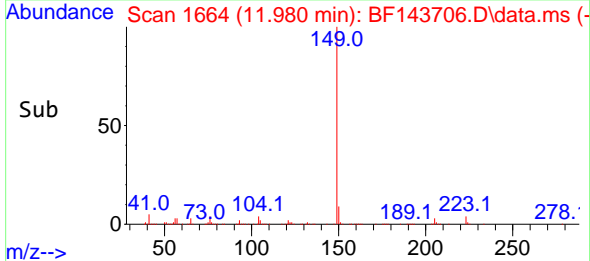
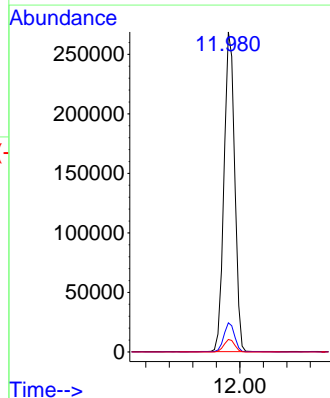
Tgt Ion:167 Resp: 256850
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.4 9.7 14.5

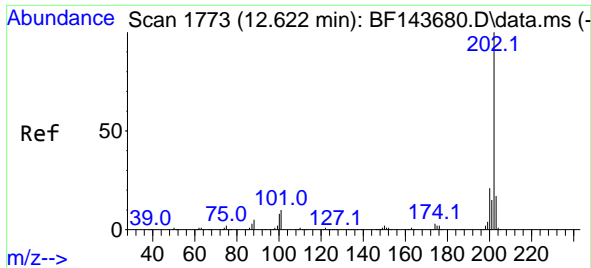


#74
 Di-n-butylphthalate
 Concen: 50.382 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:149 Resp: 338521
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 3.9 3.3 4.9



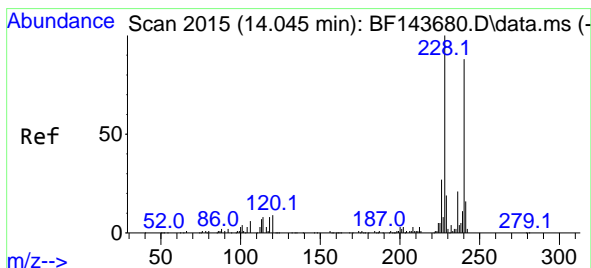
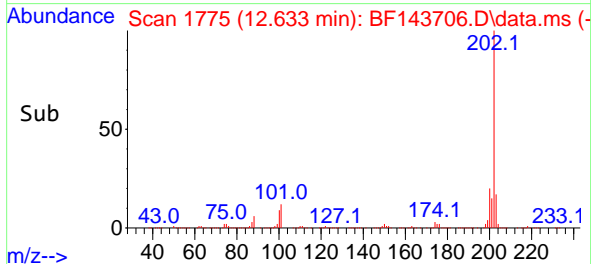
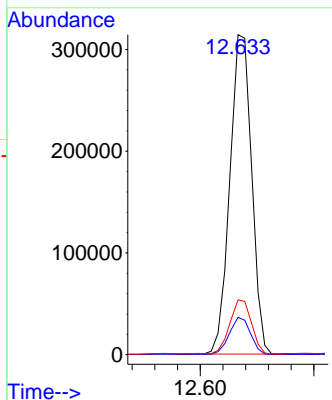
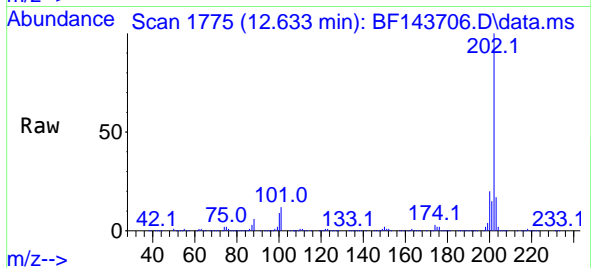


#75
 Fluoranthene
 Concen: 67.400 ng
 RT: 12.633 min Scan# 1
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

Tgt Ion:202 Resp: 419338

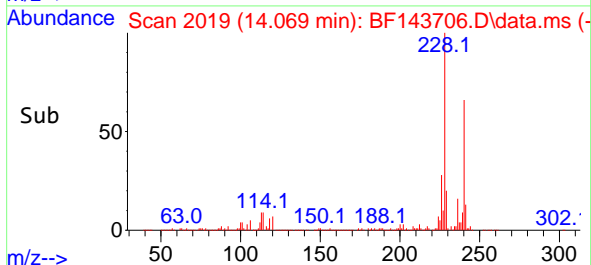
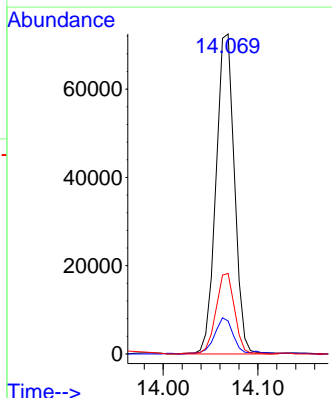
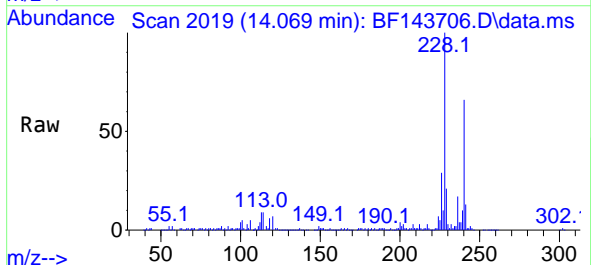
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.5
203	17.1	0.0	37.1

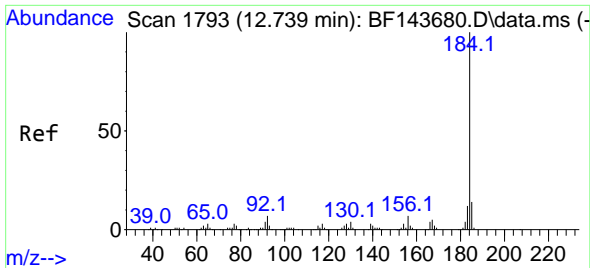


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.069 min Scan# 2019
 Delta R.T. 0.023 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:240 Resp: 98428

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.2	18.6	28.0



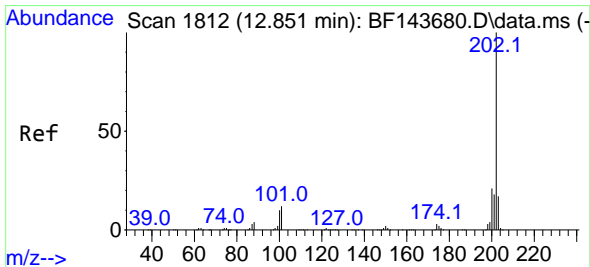
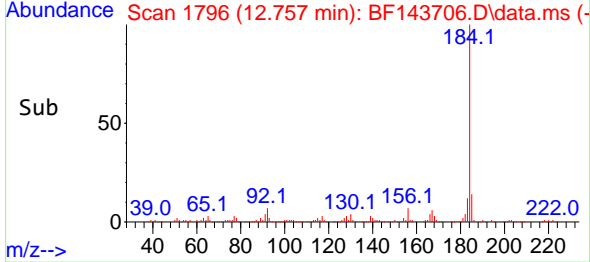
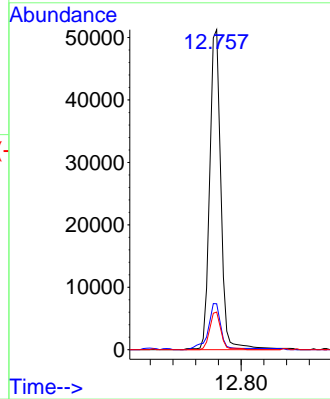
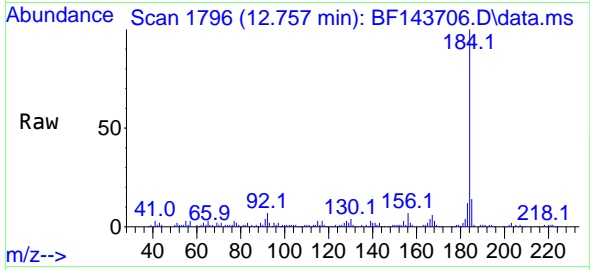


#77
 Benzidine
 Concen: 21.722 ng
 RT: 12.757 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

Tgt Ion:184 Resp: 69721

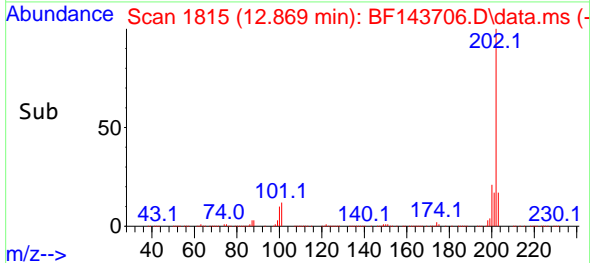
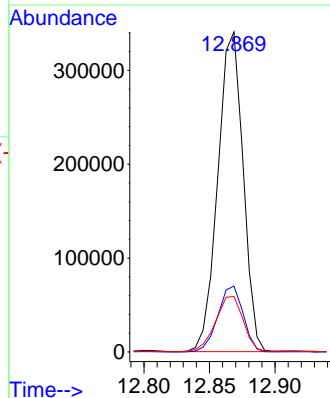
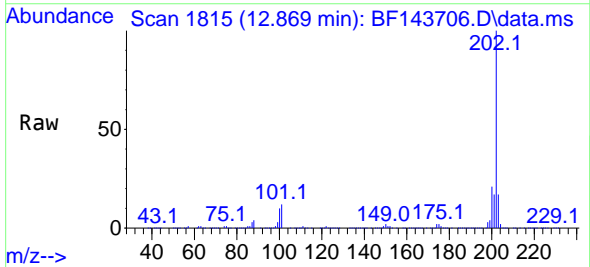
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.7	9.4	14.2

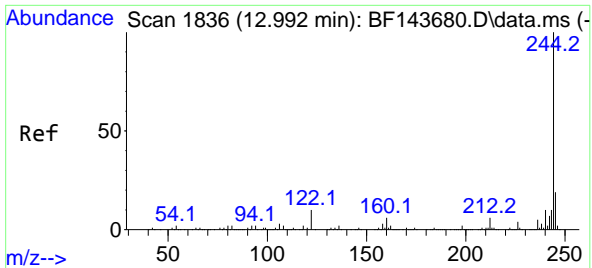


#78
 Pyrene
 Concen: 58.037 ng
 RT: 12.869 min Scan# 1815
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:202 Resp: 456732

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	13.5	20.3



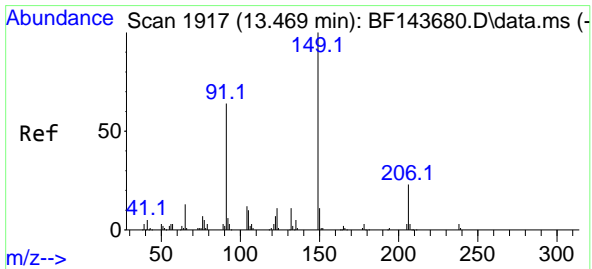
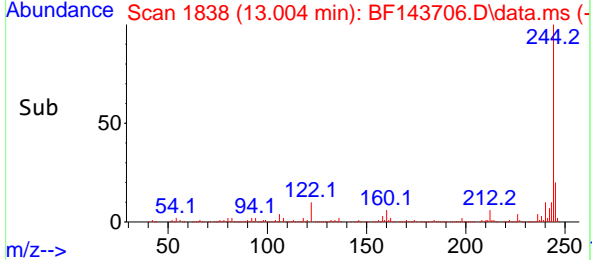
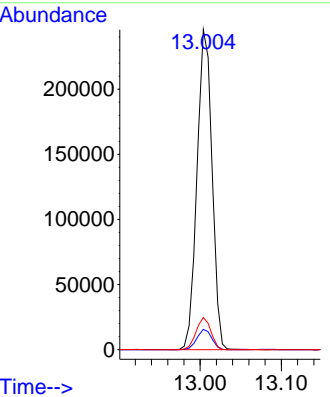
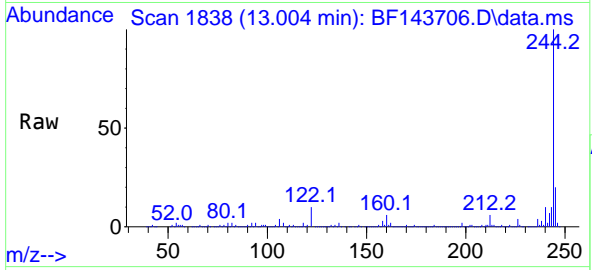


#79
 Terphenyl-d14
 Concen: 51.943 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument : BNA_F
 ClientSampleId : VNJ-258MSD

Tgt Ion:244 Resp: 315496

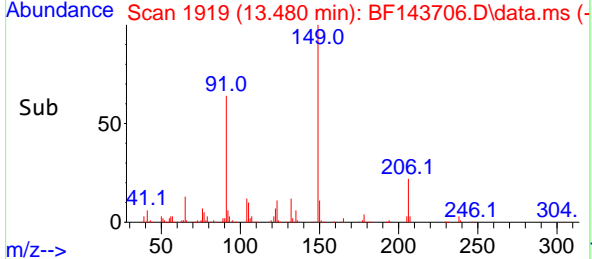
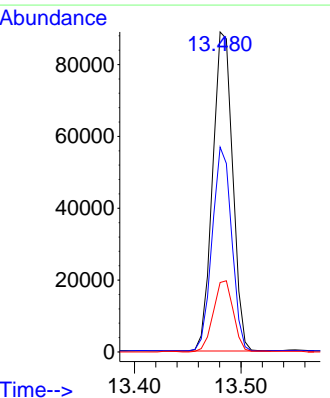
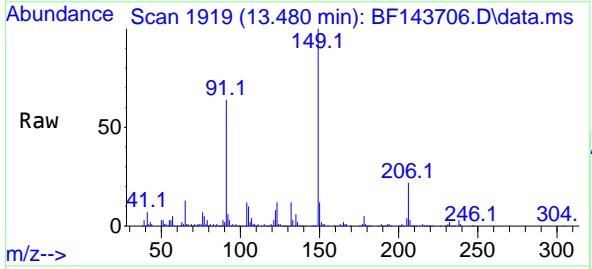
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.6
122	10.1	7.9	11.9

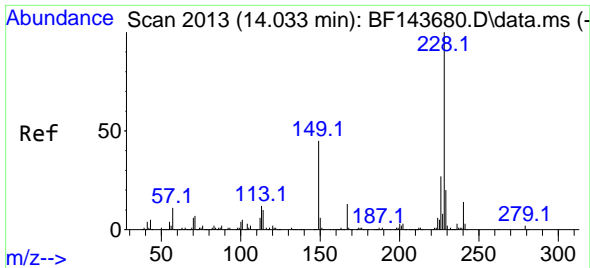


#80
 Butylbenzylphthalate
 Concen: 46.914 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.012 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion:149 Resp: 115677

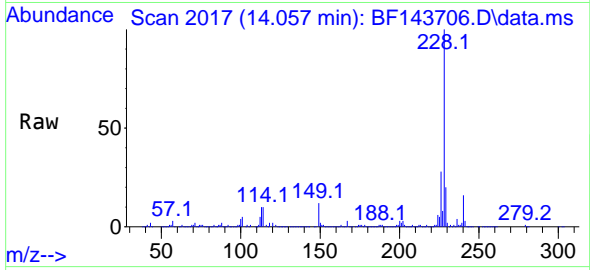
Ion	Ratio	Lower	Upper
149	100		
91	64.0	50.9	76.3
206	21.7	18.2	27.2



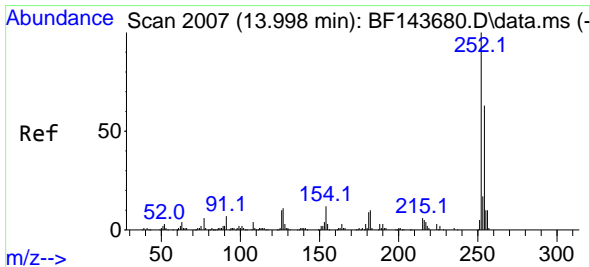
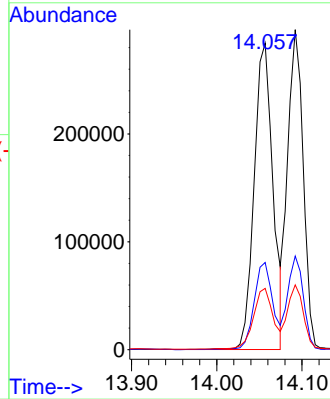
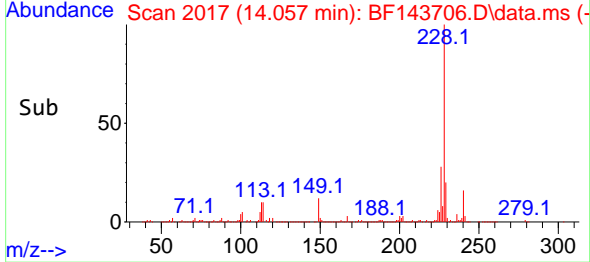


#81
 Benzo(a)anthracene
 Concen: 68.657 ng
 RT: 14.057 min Scan# 2010
 Delta R.T. 0.023 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

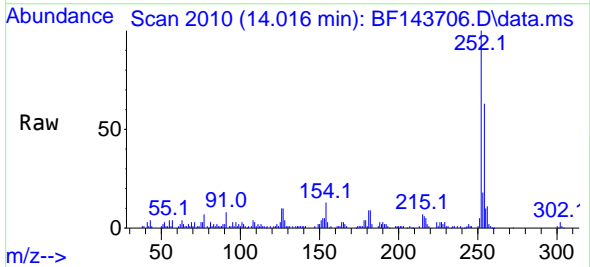
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



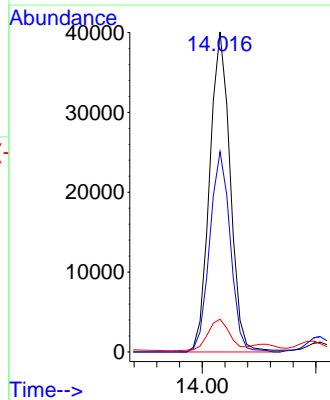
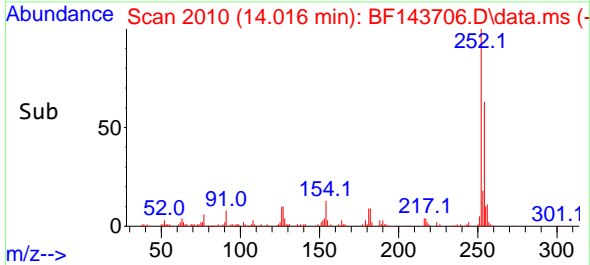
Tgt Ion:228 Resp: 434757
 Ion Ratio Lower Upper
 228 100
 226 28.5 21.6 32.4
 229 20.0 15.7 23.5

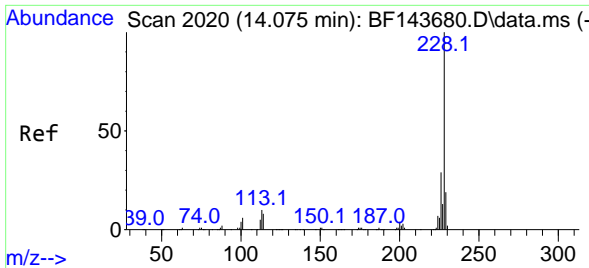


#82
 3,3'-Dichlorobenzidine
 Concen: 25.841 ng
 RT: 14.016 min Scan# 2010
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



Tgt Ion:252 Resp: 50341
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.5 75.7
 126 10.3 8.2 12.4

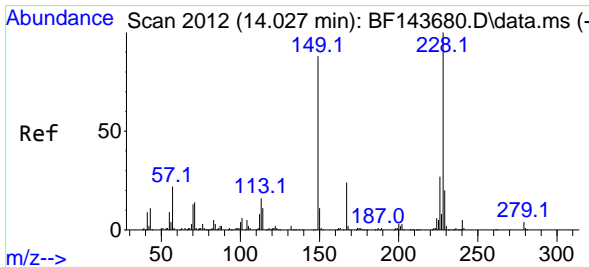
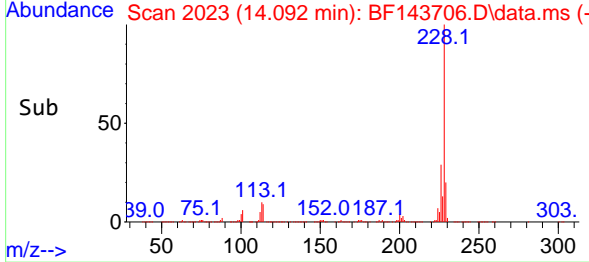
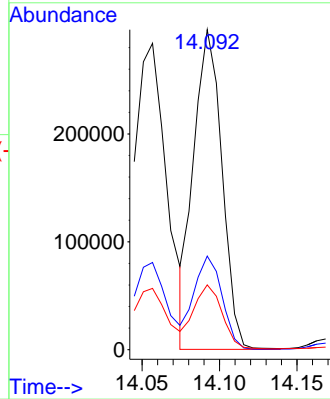
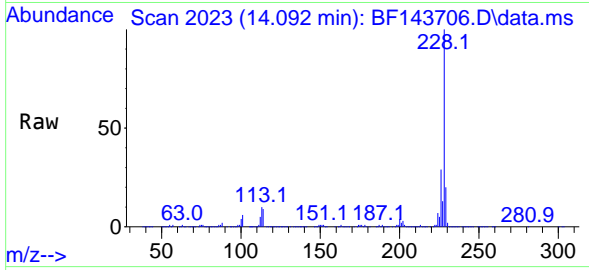




#83
 Chrysene
 Concen: 64.861 ng
 RT: 14.092 min Scan# 2015
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

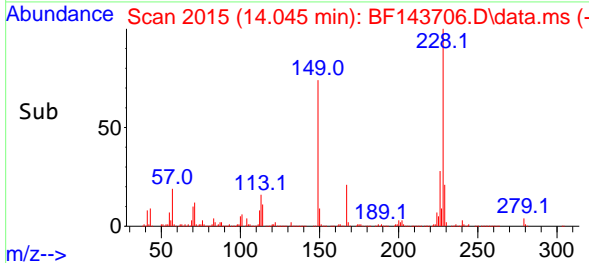
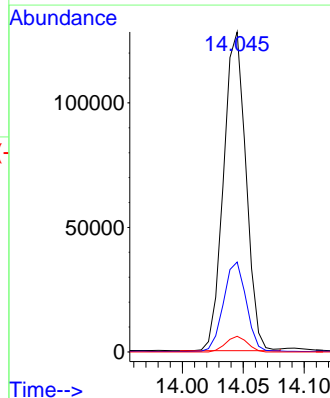
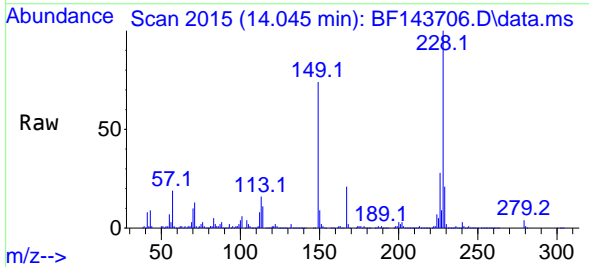
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD

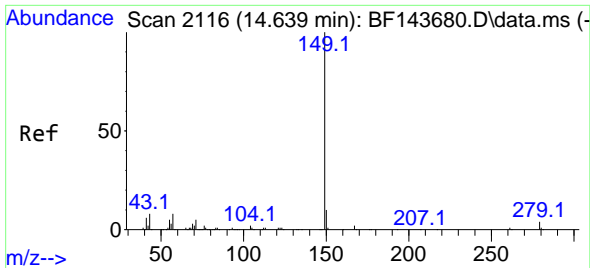
Tgt Ion:228 Resp: 376163
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.7 34.1
 229 20.2 15.1 22.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.596 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

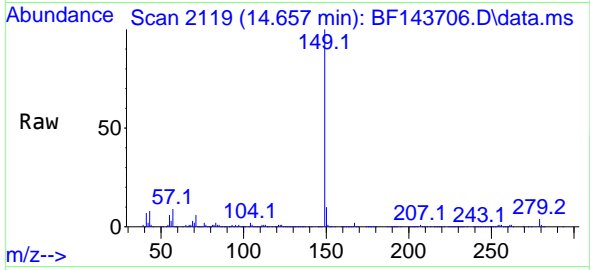
Tgt Ion:149 Resp: 163932
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.2
 279 4.9 3.5 5.3



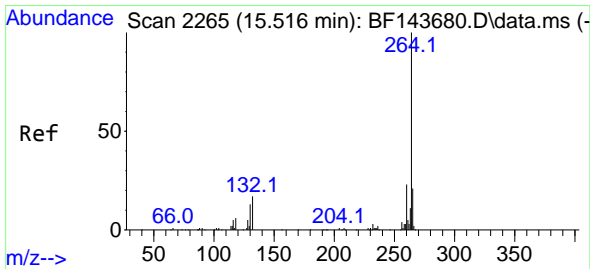
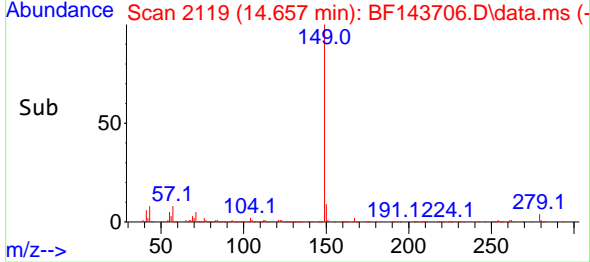
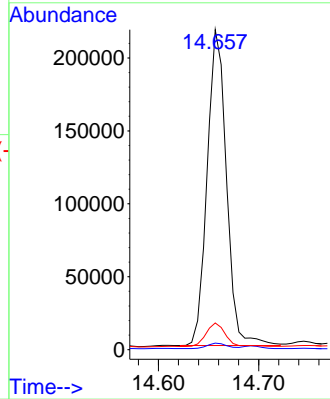


#85
 Di-n-octyl phthalate
 Concen: 46.158 ng
 RT: 14.657 min Scan# 2116
 Delta R.T. 0.018 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

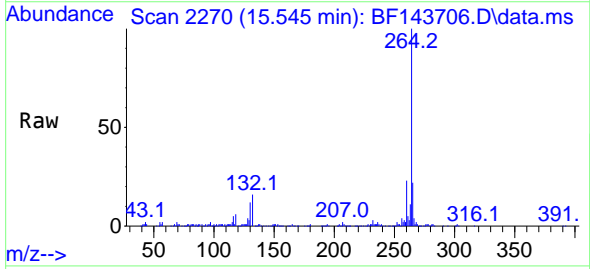
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



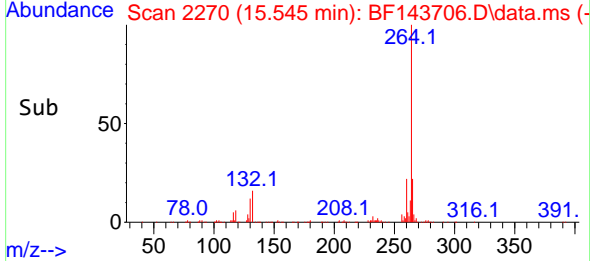
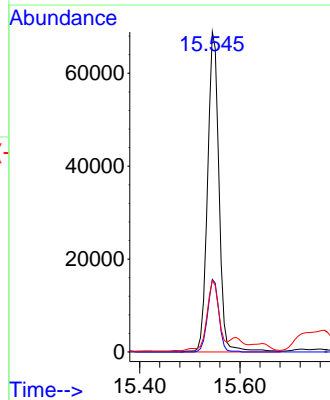
Tgt Ion:149 Resp: 291005
 Ion Ratio Lower Upper
 149 100
 167 2.2 1.2 1.8#
 43 8.2 6.2 9.2

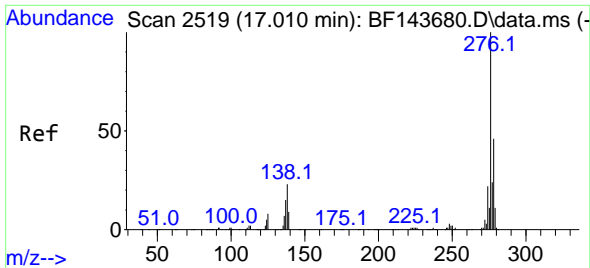


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.029 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



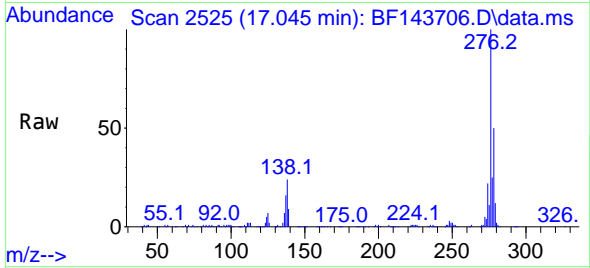
Tgt Ion:264 Resp: 109093
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 22.5 17.1 25.7



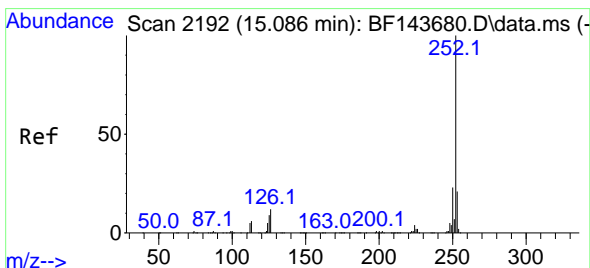
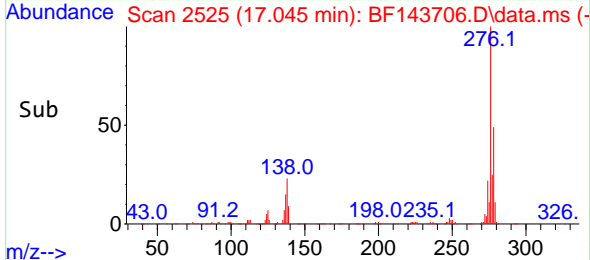
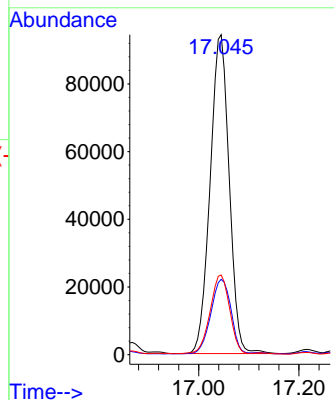


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.386 ng
 RT: 17.045 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

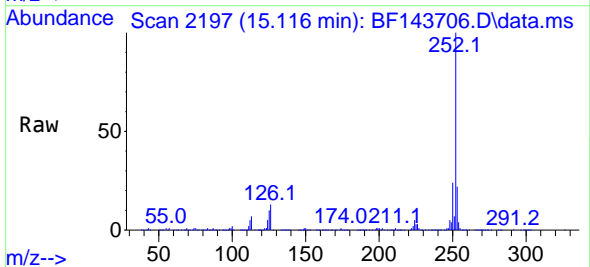
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



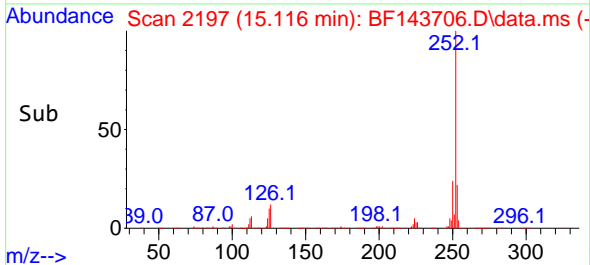
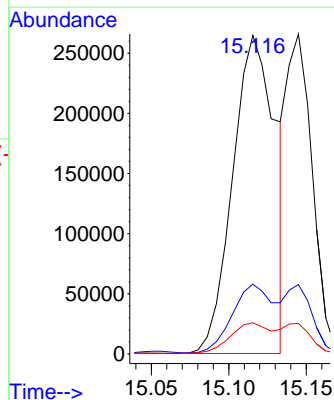
Tgt Ion:276 Resp: 248572
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.7 29.5
 277 25.1 20.2 30.2

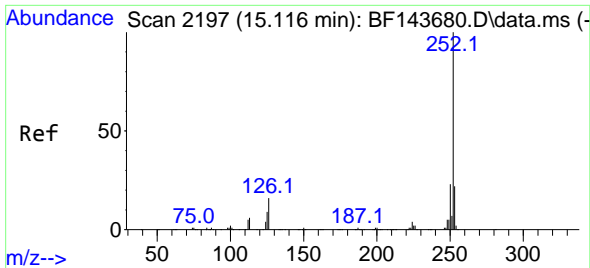


#88
 Benzo(b)fluoranthene
 Concen: 78.208 ng
 RT: 15.116 min Scan# 2197
 Delta R.T. 0.029 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



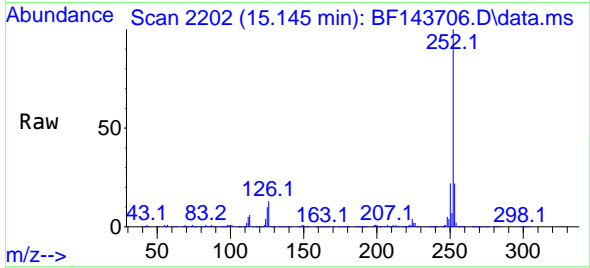
Tgt Ion:252 Resp: 507892
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.4
 125 9.8 7.4 11.0



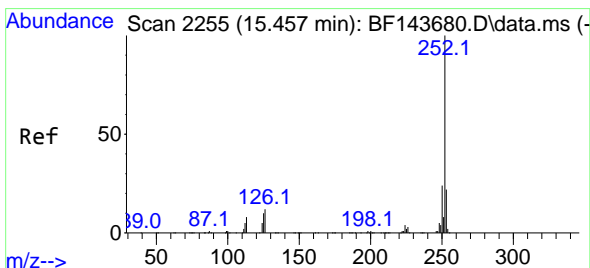
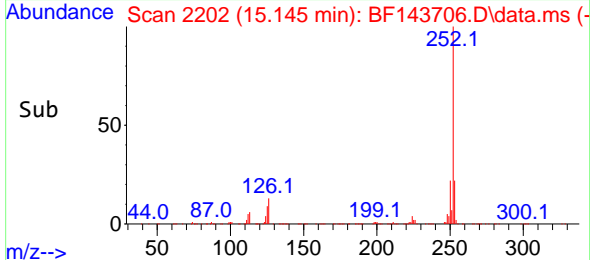
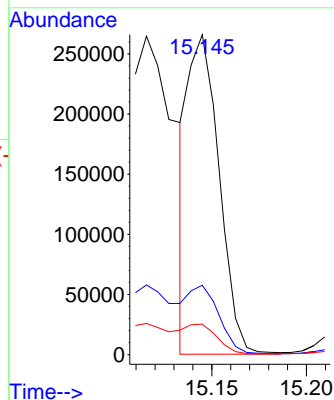


#89
 Benzo(k)fluoranthene
 Concen: 51.561 ng
 RT: 15.145 min Scan# 2197
 Delta R.T. 0.029 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

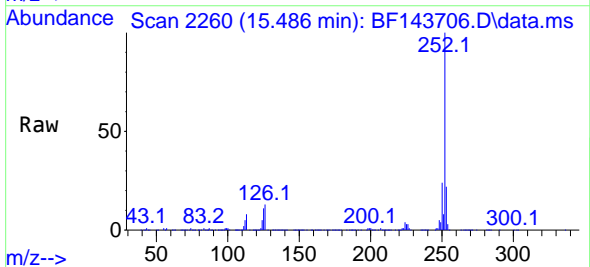
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



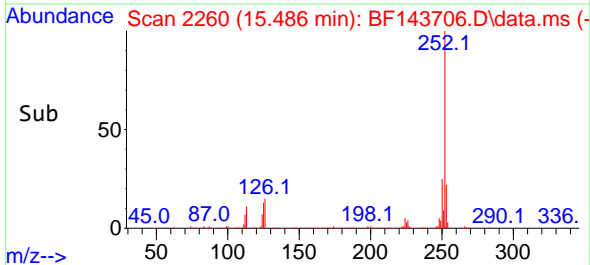
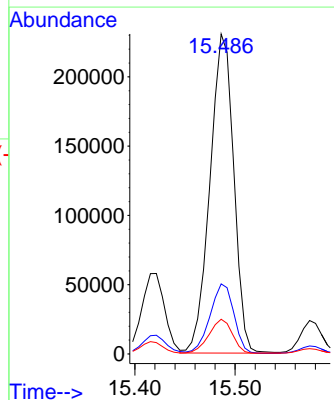
Tgt Ion:252 Resp: 302198
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 9.5 7.3 10.9

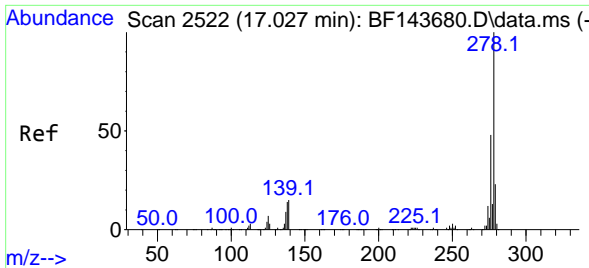


#90
 Benzo(a)pyrene
 Concen: 66.482 ng
 RT: 15.486 min Scan# 2260
 Delta R.T. 0.029 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02



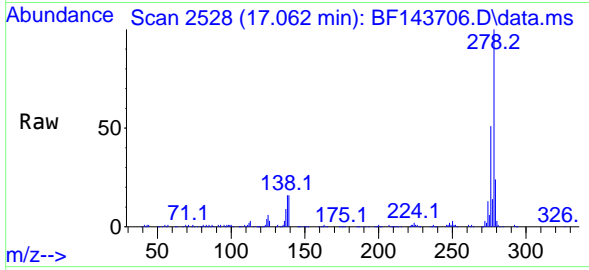
Tgt Ion:252 Resp: 379295
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 10.9 8.2 12.4





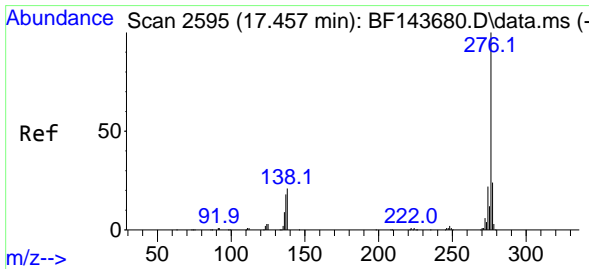
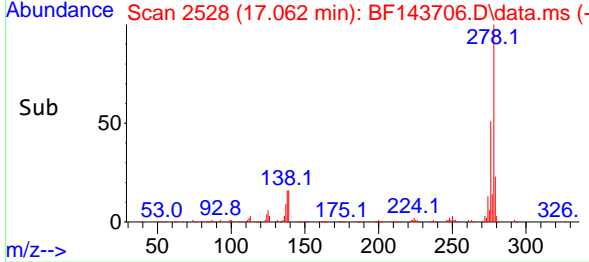
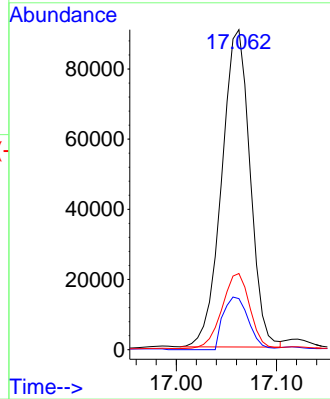
#91
 Dibenzo(a,h)anthracene
 Concen: 28.836 ng
 RT: 17.062 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MSD



Tgt Ion: 278 Resp: 178125

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.2	18.4
279	23.8	18.7	28.1



#92
 Benzo(g,h,i)perylene
 Concen: 32.532 ng
 RT: 17.498 min Scan# 2602
 Delta R.T. 0.041 min
 Lab File: BF143706.D
 Acq: 11 Sep 2025 15:02

Tgt Ion: 276 Resp: 187965

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	21.0	17.0	25.4

