

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141255.D
 Acq On : 23 Jan 2025 17:33
 Operator : RC/JU
 Sample : Q1154-01DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

Quant Time: Jan 23 21:50:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

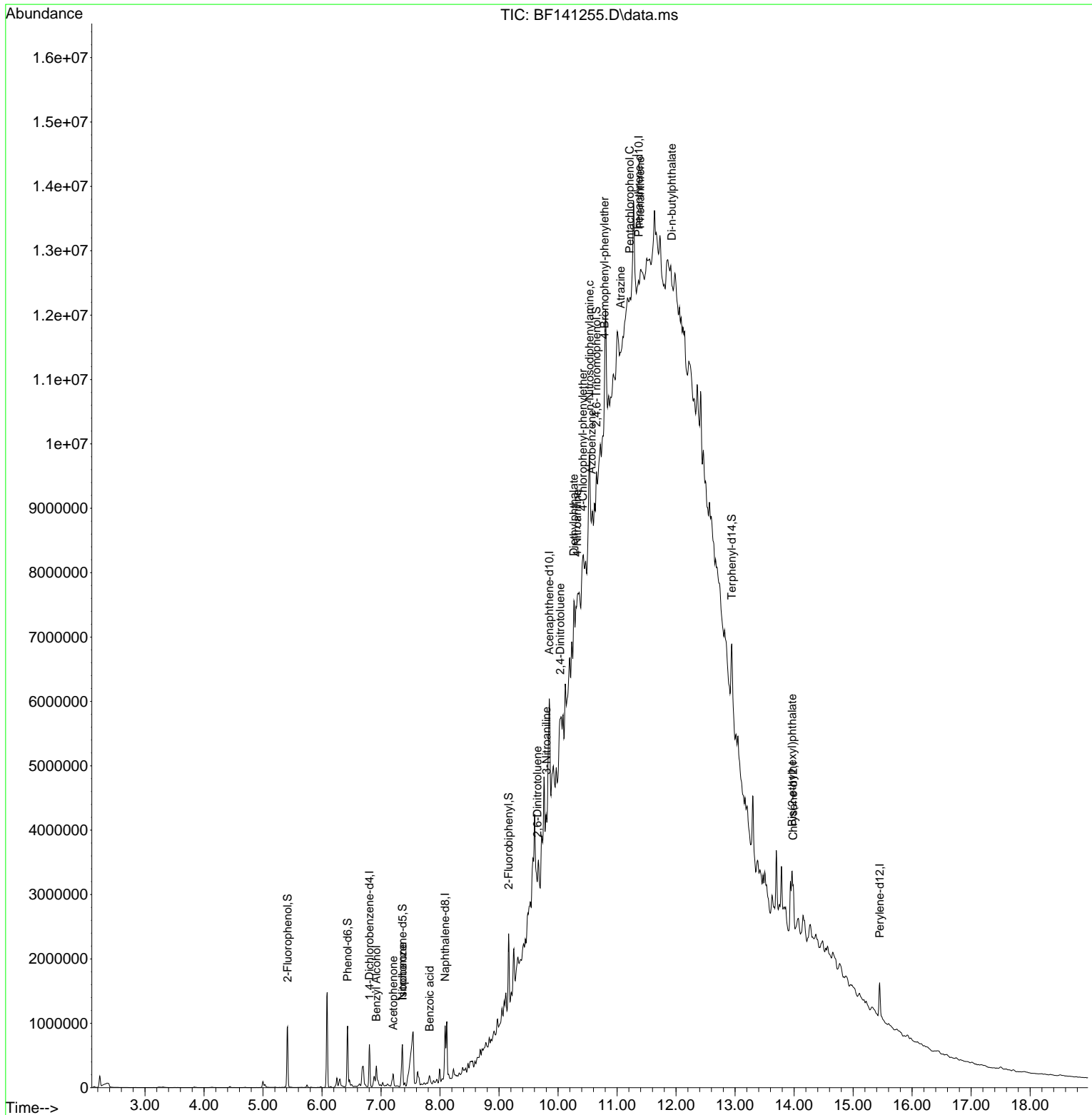
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	134049	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	565635	20.000	ng	-0.02
39) Acenaphthene-d10	9.851	164	193767	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	205722	20.000	ng	# 0.02
76) Chrysene-d12	13.986	240	284805	20.000	ng	0.00
86) Perylene-d12	15.451	264	333481	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	372838	42.966	ng	-0.01
7) Phenol-d6	6.434	99	463251	42.145	ng	-0.01
23) Nitrobenzene-d5	7.363	82	279545	26.198	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	97669	44.237	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	483983	38.142	ng	-0.02
79) Terphenyl-d14	12.945	244	388782	20.289	ng	0.01
Target Compounds						
15) Benzyl Alcohol	6.922	79	18646	2.349	ng	# 57
22) Acetophenone	7.210	105	67609	5.028	ng	# 91
25) Isophorone	7.363	82	275056	15.083	ng	# 66
32) Benzoic acid	7.822	122	35868	5.480	ng	99
51) 2,6-Dinitrotoluene	9.651	165	10658	3.523	ng	# 36
53) 3-Nitroaniline	9.804	138	11444	3.723	ng	# 26
57) 2,4-Dinitrotoluene	10.039	165	17799	4.566	ng	# 39
60) Diethylphthalate	10.269	149	41496	3.268	ng	# 31
61) 4-Chlorophenyl-phenyle...	10.422	204	16995	2.821	ng	# 1
62) 4-Nitroaniline	10.322	138	25185	8.371	ng	# 67
63) Azobenzene	10.569	77	59214	4.725	ng	# 37
66) n-Nitrosodiphenylamine	10.533	169	35397	5.335	ng	# 85
67) 4-Bromophenyl-phenylether	10.786	248	9623	4.063	ng	# 1
69) Atrazine	11.063	200	40848	22.863	ng	# 1
70) Pentachlorophenol	11.216	266	13398	7.935	ng	# 2
71) Phenanthrene	11.392	178	22786	2.063	ng	# 1
74) Di-n-butylphthalate	11.927	149	48897	4.339	ng	# 30
84) Bis(2-ethylhexyl)phtha...	13.968	149	27389	2.517	ng	# 56

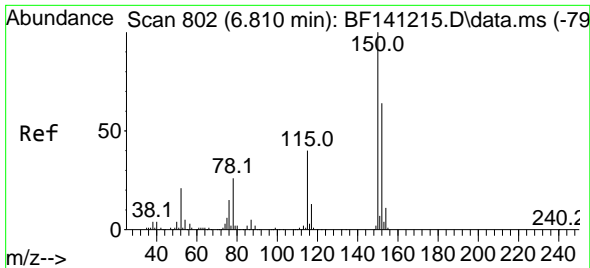
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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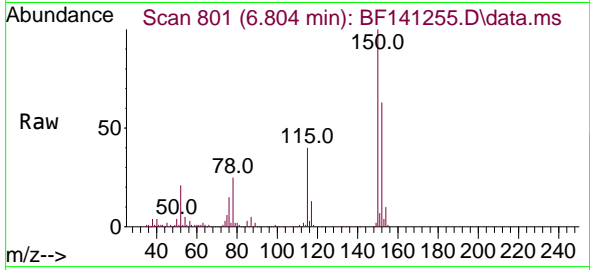
Quant Time: Jan 23 21:50:37 2025
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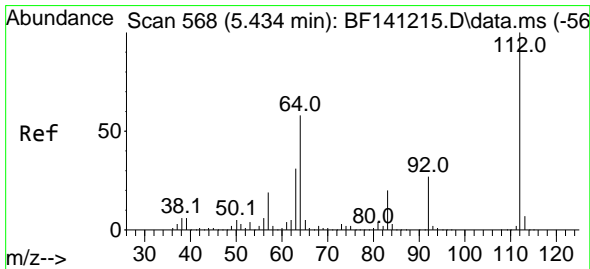
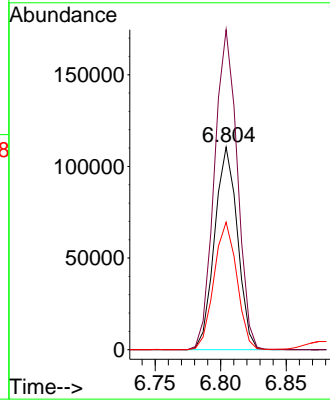
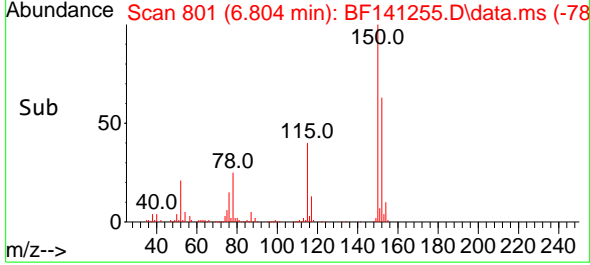


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

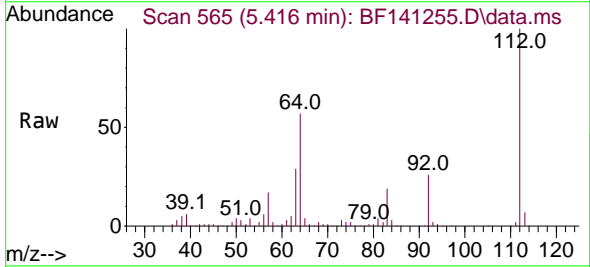
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL



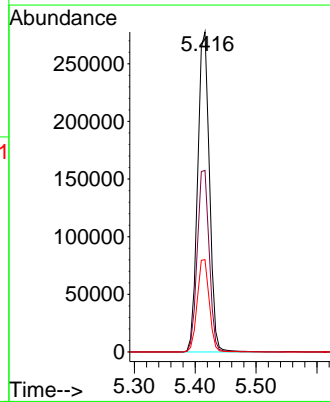
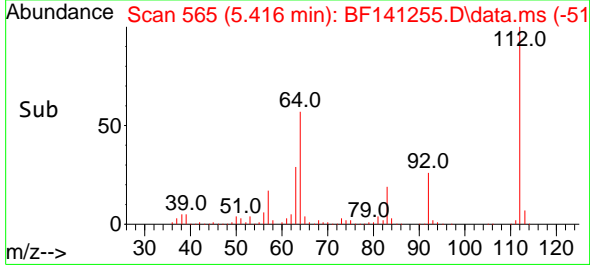
Tgt Ion:152 Resp: 134049
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.8 188.8
 115 62.9 51.4 77.2

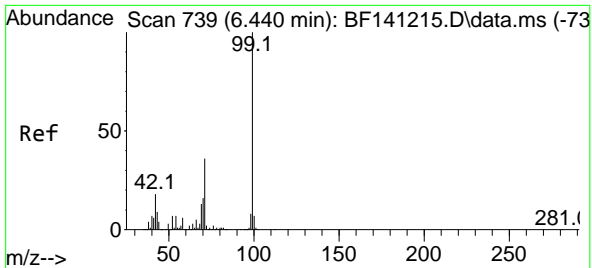


#5
 2-Fluorophenol
 Concen: 42.966 ng
 RT: 5.416 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33



Tgt Ion:112 Resp: 372838
 Ion Ratio Lower Upper
 112 100
 64 56.8 47.3 70.9
 63 28.9 24.2 36.2

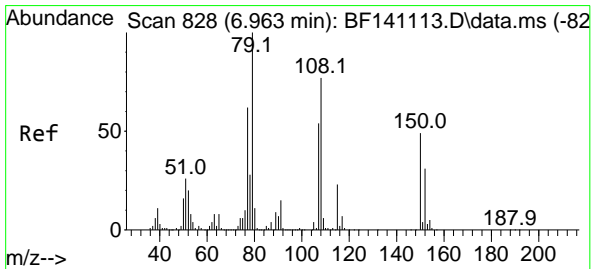
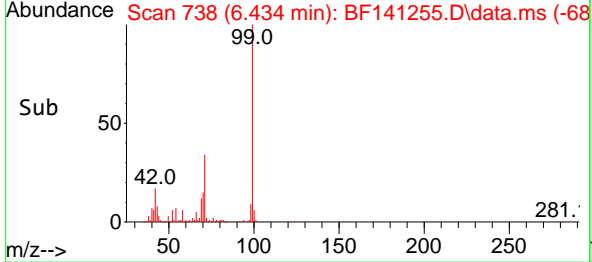
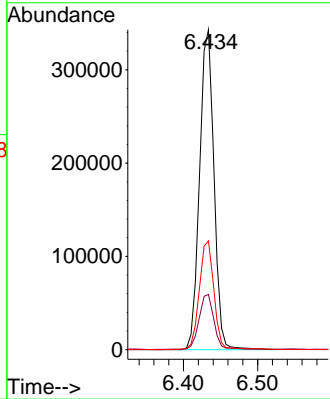
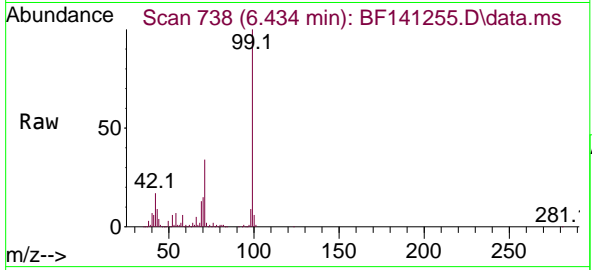




#7
 Phenol-d6
 Concen: 42.145 ng
 RT: 6.434 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

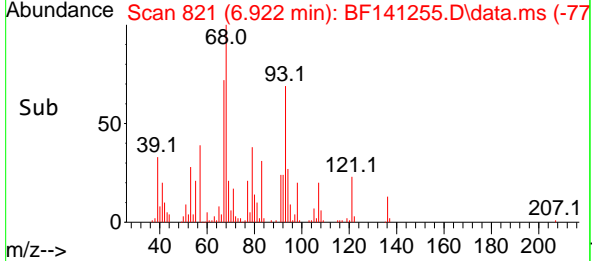
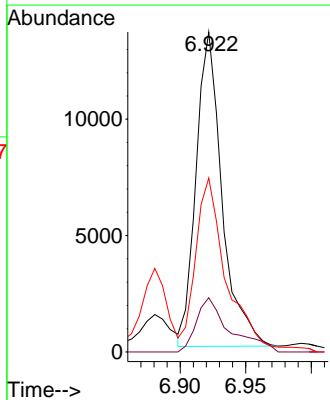
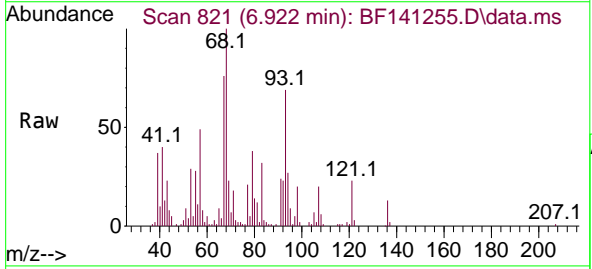
Instrument : BNA_F
 ClientSampleId : VNJ-220DL

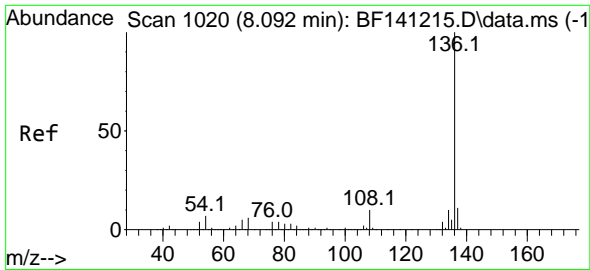
Tgt Ion	Resp	Lower	Upper
99	463251		
99	100		
42	17.2	15.0	22.4
71	34.0	27.6	41.4



#15
 Benzyl Alcohol
 Concen: 2.349 ng
 RT: 6.922 min Scan# 821
 Delta R.T. -0.041 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

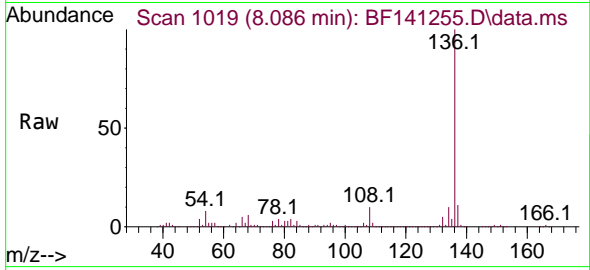
Tgt Ion	Resp	Lower	Upper
79	18646		
79	100		
108	16.9	61.4	92.0#
77	54.3	49.8	74.6





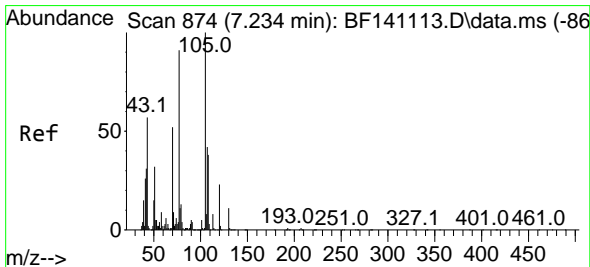
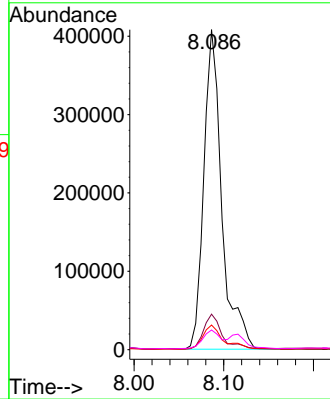
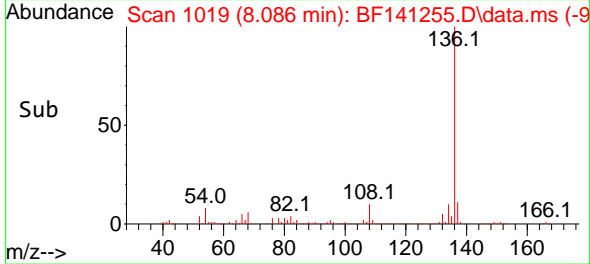
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.086 min Scan# 1019
 Delta R.T. -0.018 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

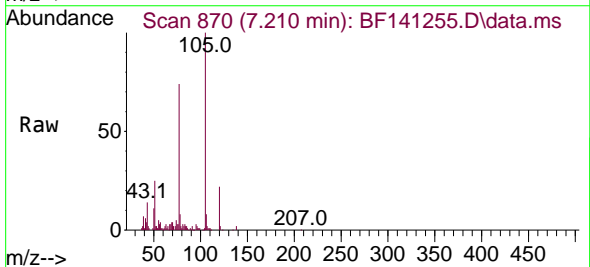


Tgt Ion:136 Resp: 565635

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.3	9.5
68	6.1	4.9	7.3

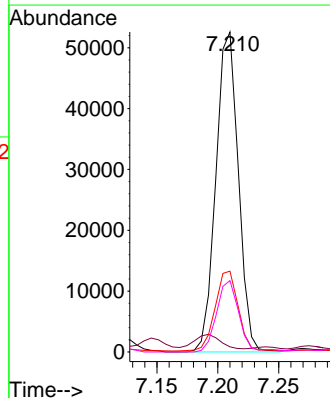
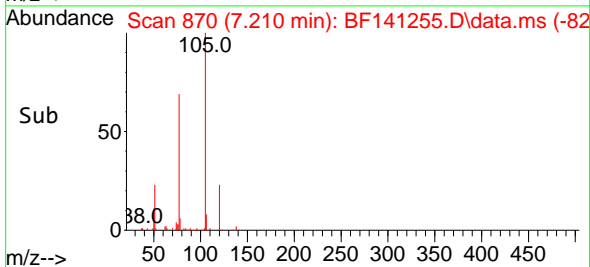


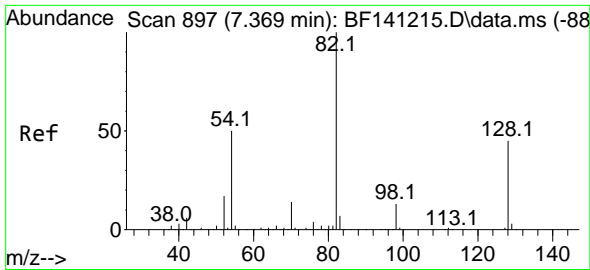
#22
 Acetophenone
 Concen: 5.028 ng
 RT: 7.210 min Scan# 870
 Delta R.T. -0.024 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33



Tgt Ion:105 Resp: 67609

Ion	Ratio	Lower	Upper
105	100		
71	1.6	7.1	10.7#
51	25.2	25.4	38.2#
120	22.3	18.0	27.0



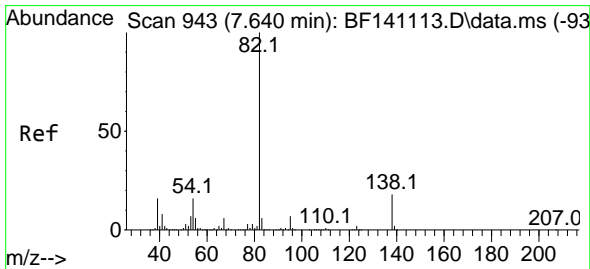
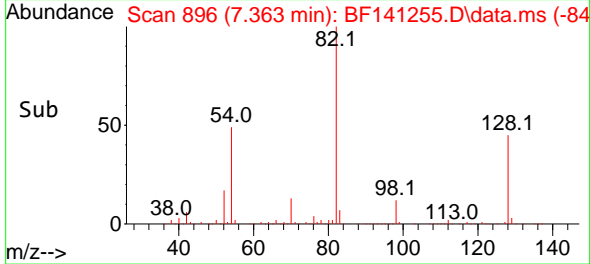
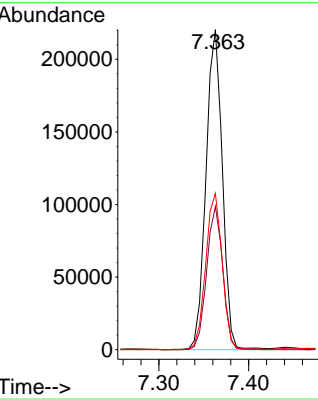
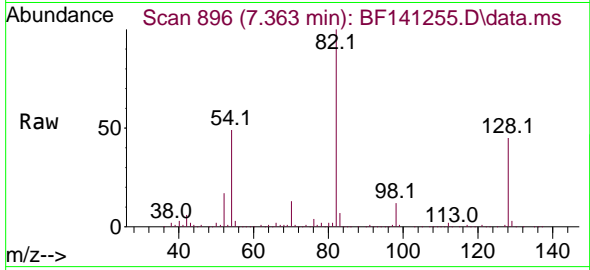


#23
 Nitrobenzene-d5
 Concen: 26.198 ng
 RT: 7.363 min Scan# 896
 Delta R.T. -0.024 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

Tgt Ion: 82 Resp: 279545

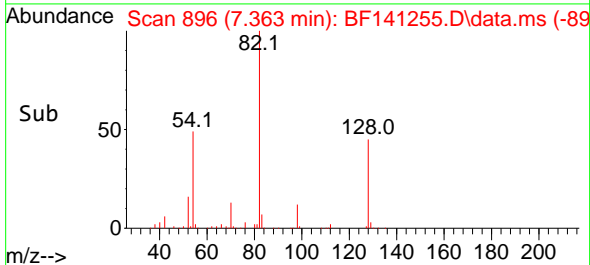
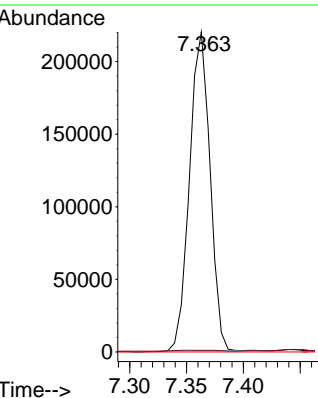
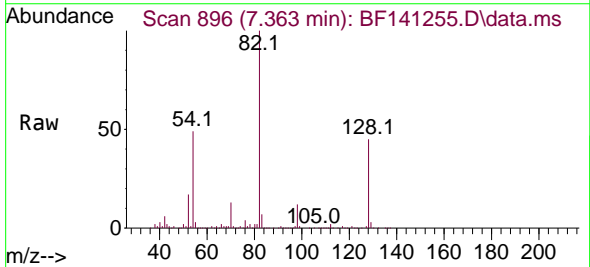
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	48.9	41.0	61.4

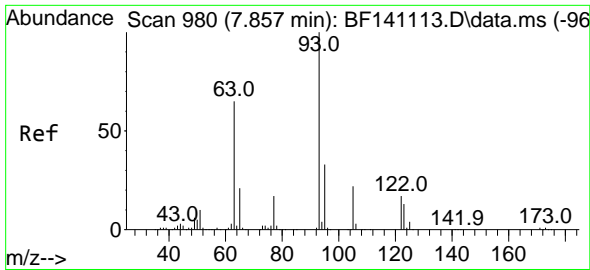


#25
 Isophorone
 Concen: 15.083 ng
 RT: 7.363 min Scan# 896
 Delta R.T. -0.277 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion: 82 Resp: 275056

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.9	8.9#
138	0.0	14.2	21.2#



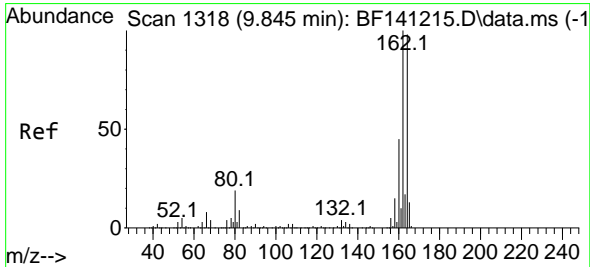
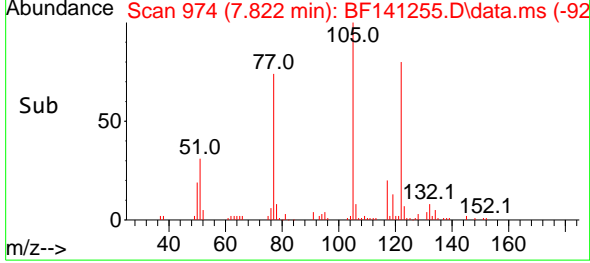
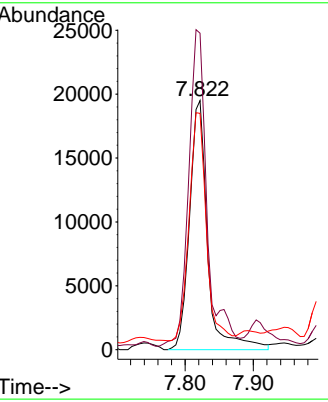
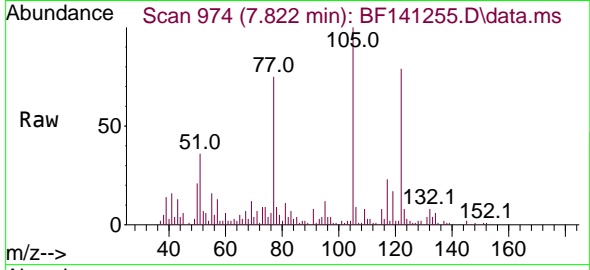


#32
 Benzoic acid
 Concen: 5.480 ng
 RT: 7.822 min Scan# 91
 Delta R.T. -0.035 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument : BNA_F
 ClientSampleId : VNJ-220DL

Tgt Ion:122 Resp: 35868

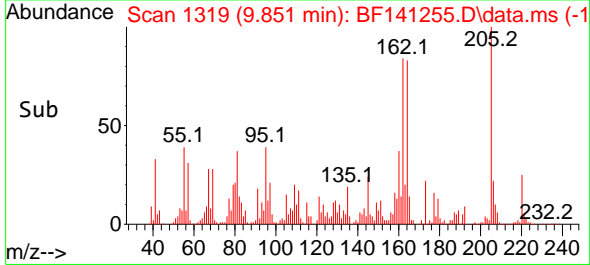
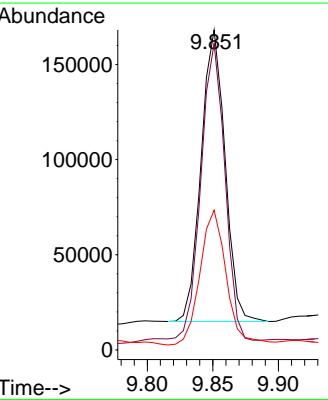
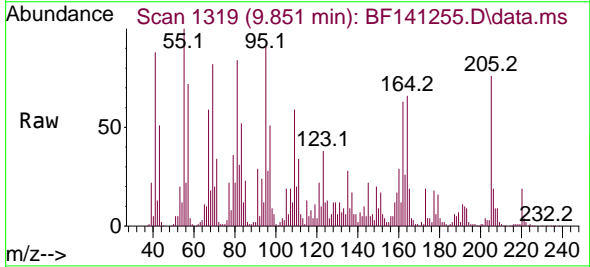
Ion	Ratio	Lower	Upper
122	100		
105	127.0	105.5	145.5
77	94.9	75.1	115.1

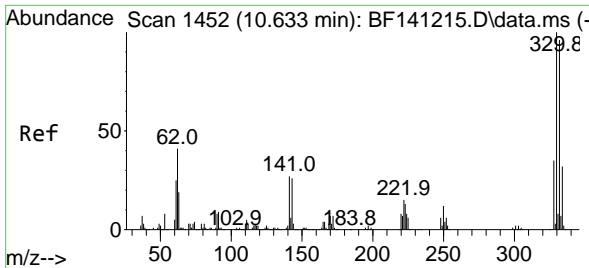


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.851 min Scan# 1319
 Delta R.T. -0.012 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion:164 Resp: 193767

Ion	Ratio	Lower	Upper
164	100		
162	95.7	81.0	121.4
160	43.7	36.1	54.1



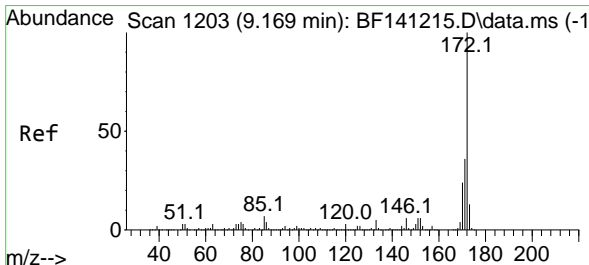
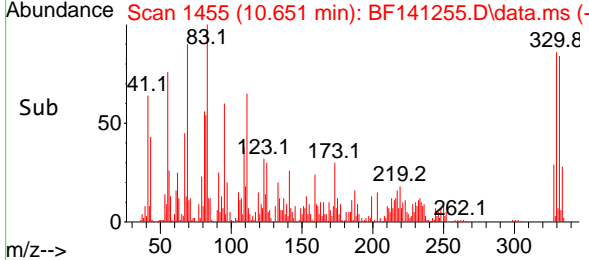
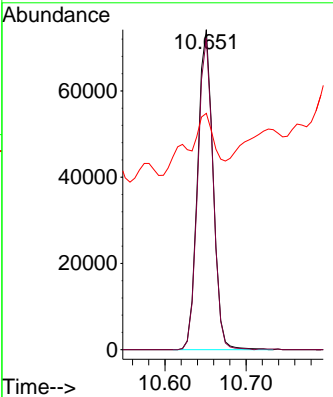
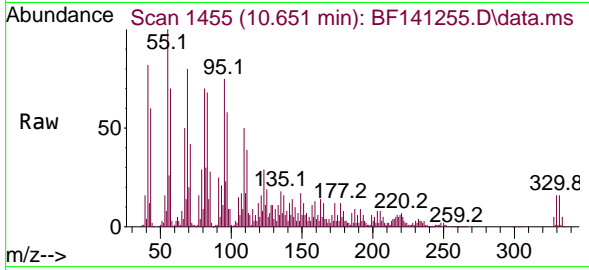


#42
 2,4,6-Tribromophenol
 Concen: 44.237 ng
 RT: 10.651 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument : BNA_F
 ClientSampleId : VNJ-220DL

Tgt Ion: 330 Resp: 97669

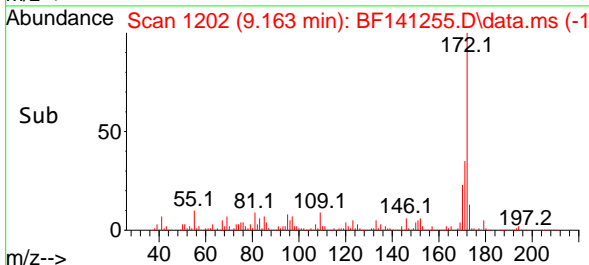
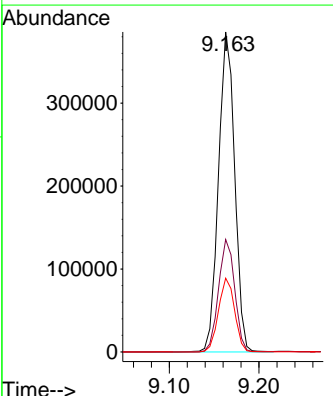
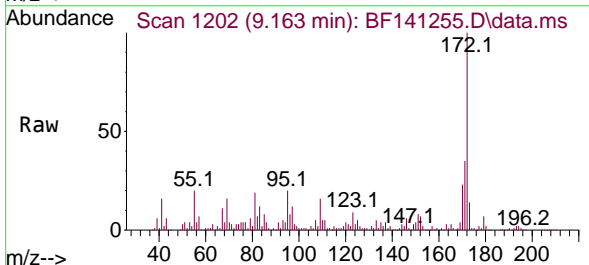
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	13.5	25.2	37.8

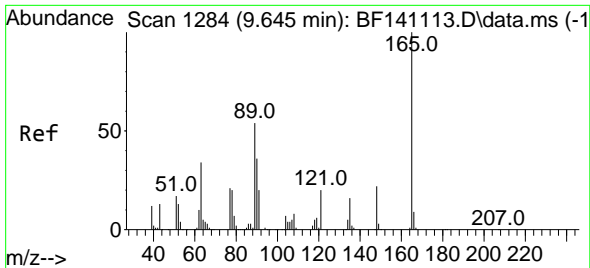


#45
 2-Fluorobiphenyl
 Concen: 38.142 ng
 RT: 9.163 min Scan# 1202
 Delta R.T. -0.018 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion: 172 Resp: 483983

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.1	19.0	28.6



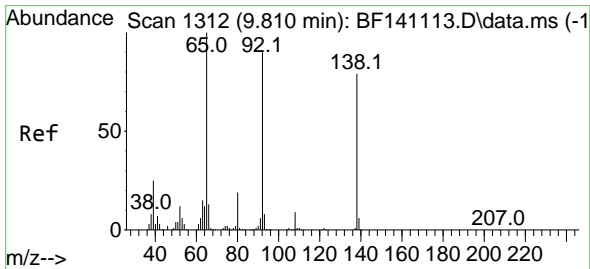
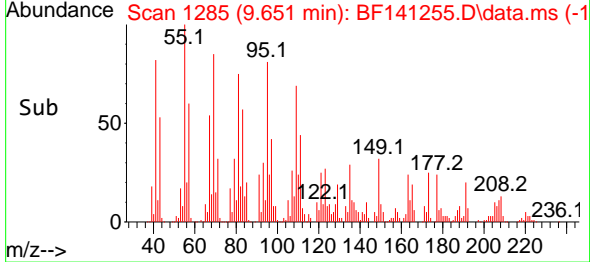
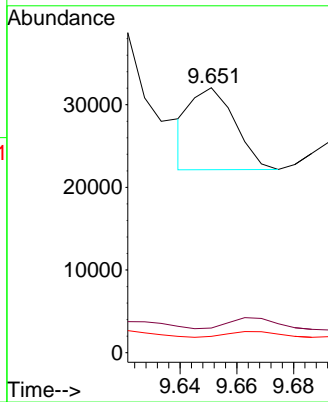
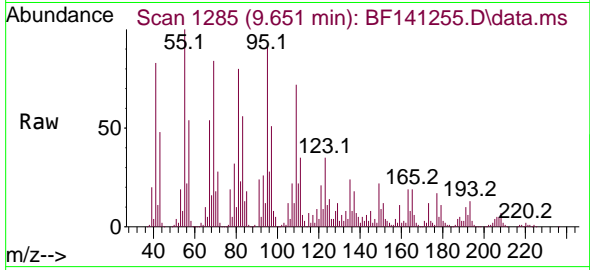


#51
 2,6-Dinitrotoluene
 Concen: 3.523 ng
 RT: 9.651 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument : BNA_F
 ClientSampleId : VNJ-220DL

Tgt Ion:165 Resp: 10658

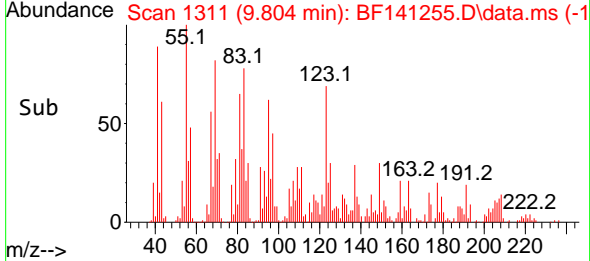
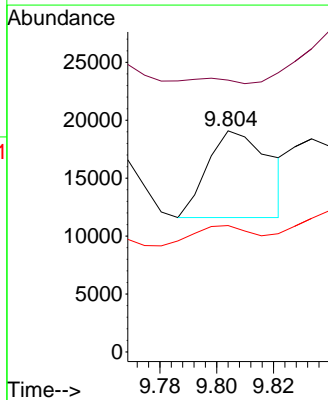
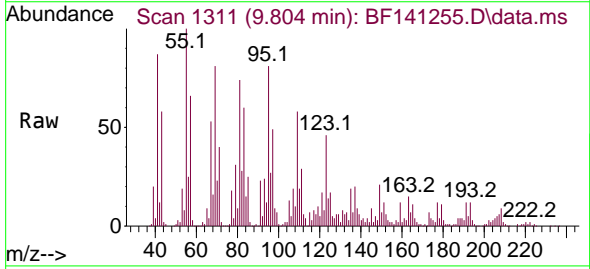
Ion	Ratio	Lower	Upper
165	100		
63	9.3	42.3	63.5#
89	6.1	43.1	64.7#

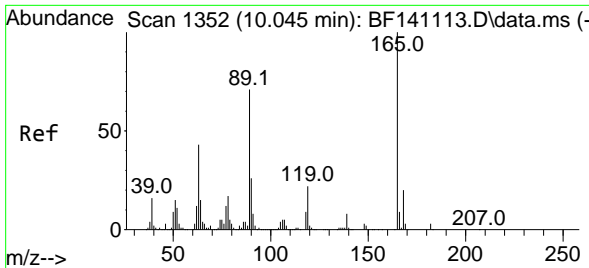


#53
 3-Nitroaniline
 Concen: 3.723 ng
 RT: 9.804 min Scan# 1311
 Delta R.T. -0.006 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion:138 Resp: 11444

Ion	Ratio	Lower	Upper
138	100		
108	122.9	8.8	13.2#
92	57.2	91.3	136.9#



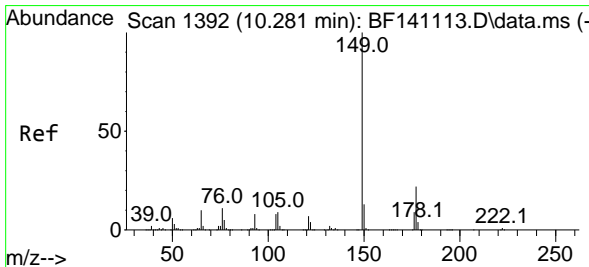
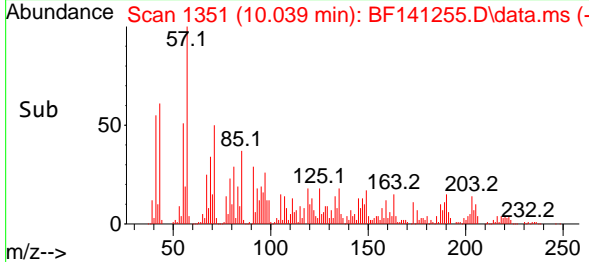
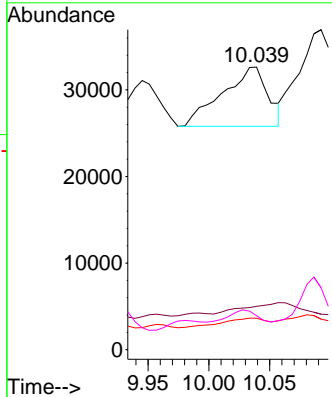
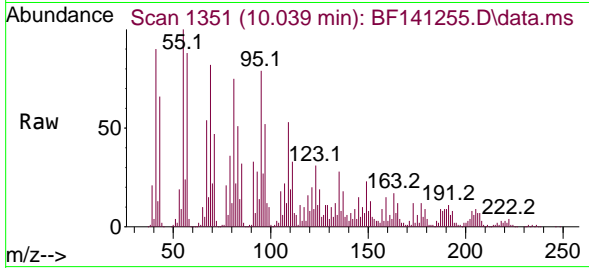


#57
 2,4-Dinitrotoluene
 Concen: 4.566 ng
 RT: 10.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

Tgt Ion:165 Resp: 17799

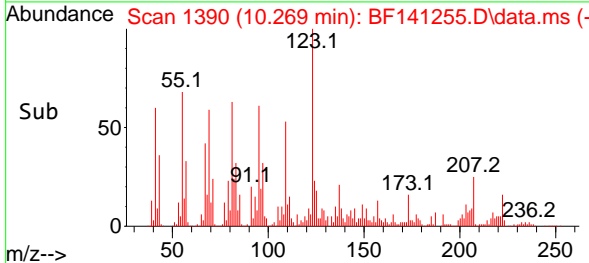
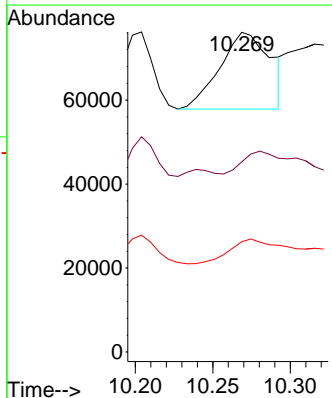
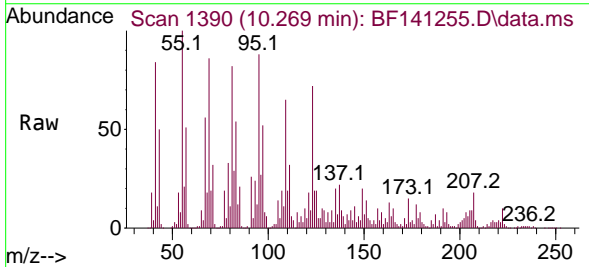
Ion	Ratio	Lower	Upper
165	100		
63	15.4	35.0	52.4#
89	11.1	56.7	85.1#
182	12.0	2.3	3.5#

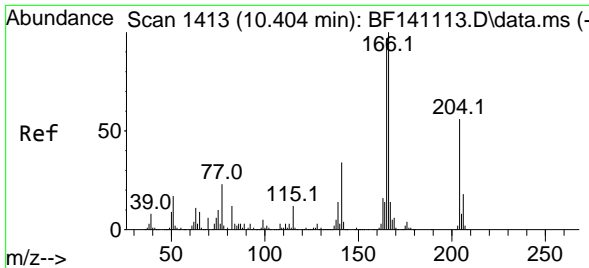


#60
 Diethylphthalate
 Concen: 3.268 ng
 RT: 10.269 min Scan# 1390
 Delta R.T. -0.012 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion:149 Resp: 41496

Ion	Ratio	Lower	Upper
149	100		
177	59.4	17.9	26.9#
150	34.5	10.2	15.2#

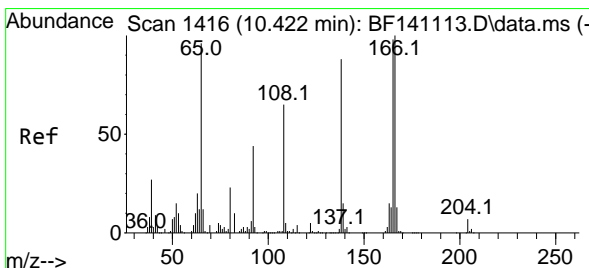
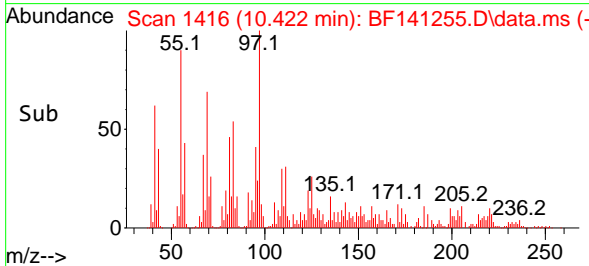
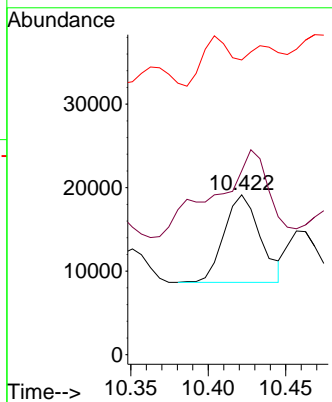
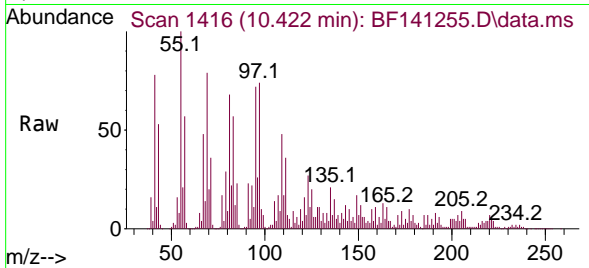




#61
 4-Chlorophenyl-phenylether
 Concen: 2.821 ng
 RT: 10.422 min Scan# 1416
 Delta R.T. 0.018 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

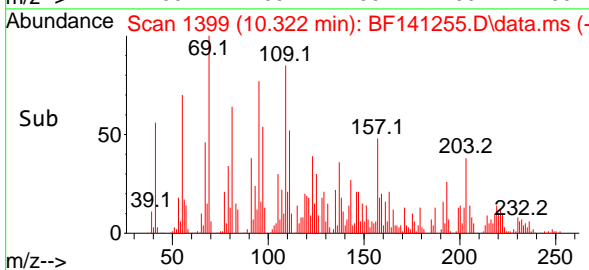
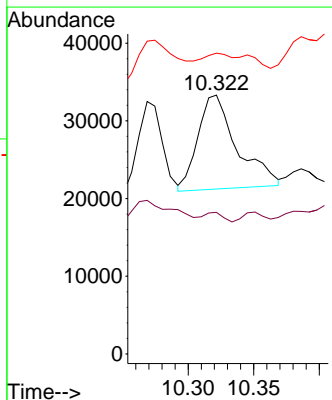
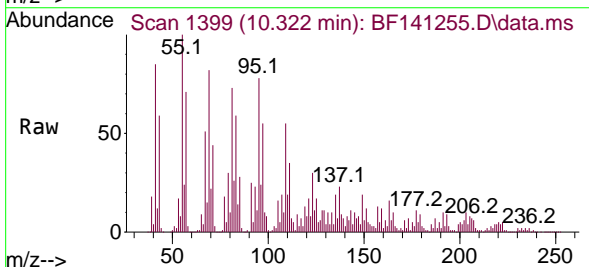
Instrument : BNA_F
 ClientSampleId : VNJ-220DL

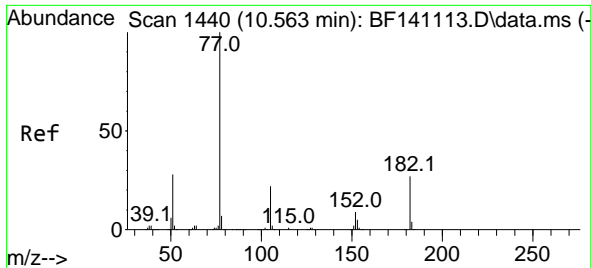
Tgt Ion	Resp	Lower	Upper
204	16995		
206	115.0	25.9	38.9#
141	184.4	49.1	73.7#



#62
 4-Nitroaniline
 Concen: 8.371 ng
 RT: 10.322 min Scan# 1399
 Delta R.T. -0.100 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion	Resp	Lower	Upper
138	25185		
138	100		
92	54.7	29.4	69.4
108	116.2	53.7	93.7#



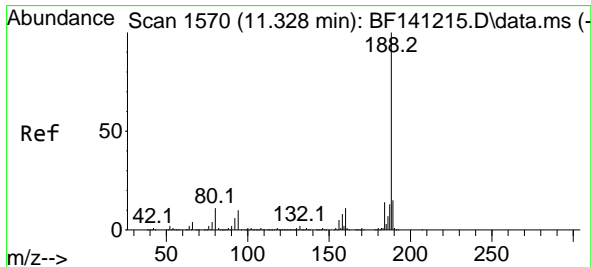
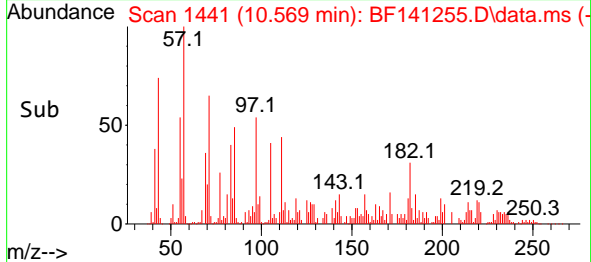
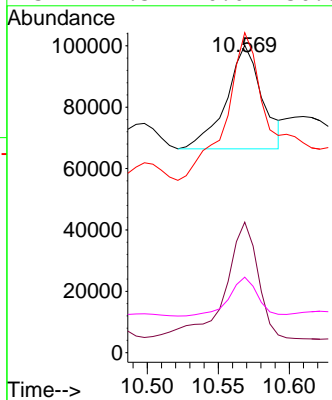
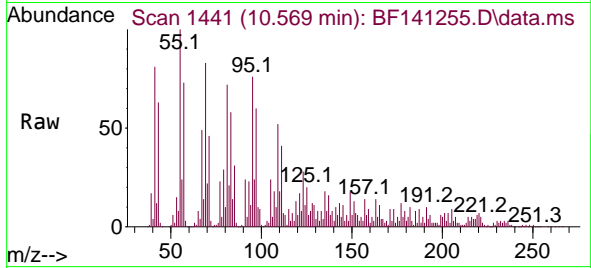


#63
 Azobenzene
 Concen: 4.725 ng
 RT: 10.569 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument : BNA_F
 ClientSampleId : VNJ-220DL

Tgt Ion: 77 Resp: 59214

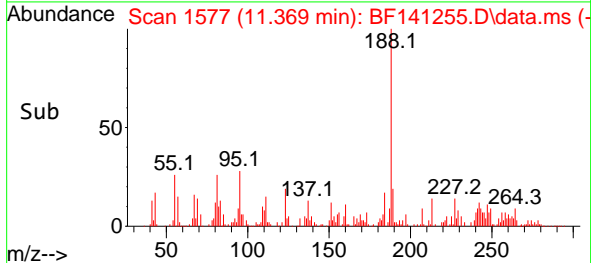
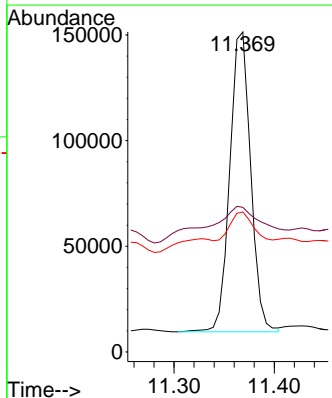
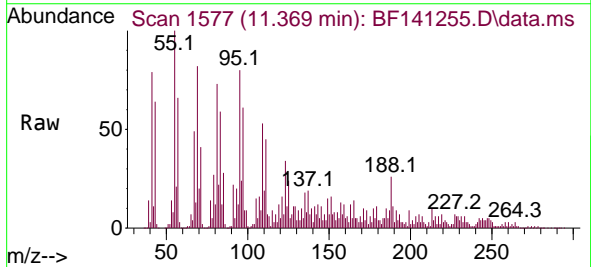
Ion	Ratio	Lower	Upper
77	100		
182	42.5	6.1	46.1
105	104.1	2.1	42.1#
51	24.5	10.0	50.0

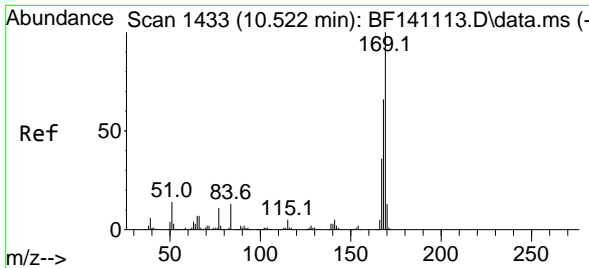


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.369 min Scan# 1577
 Delta R.T. 0.023 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion: 188 Resp: 205722

Ion	Ratio	Lower	Upper
188	100		
94	45.2	8.3	12.5#
80	43.8	9.0	13.4#

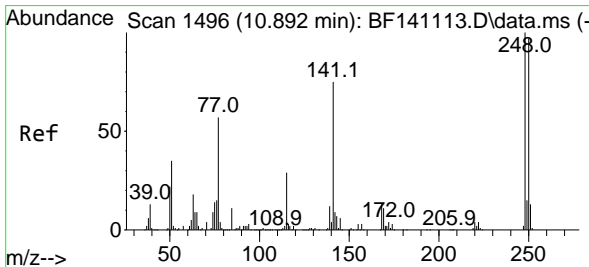
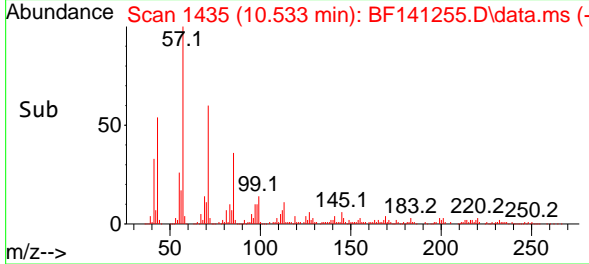
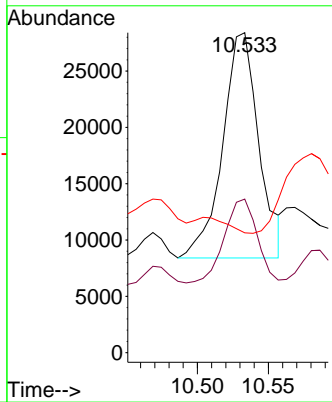
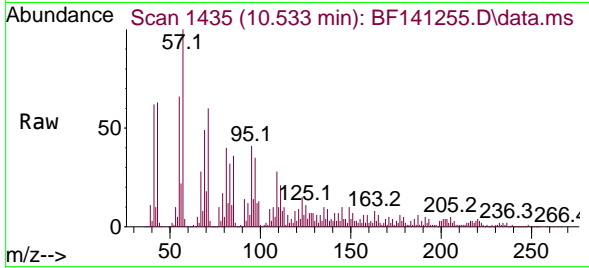




#66
 n-Nitrosodiphenylamine
 Concen: 5.335 ng
 RT: 10.533 min Scan# 1435
 Delta R.T. 0.012 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

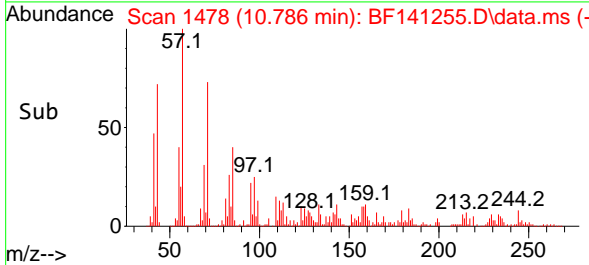
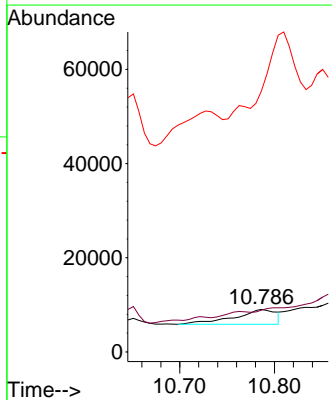
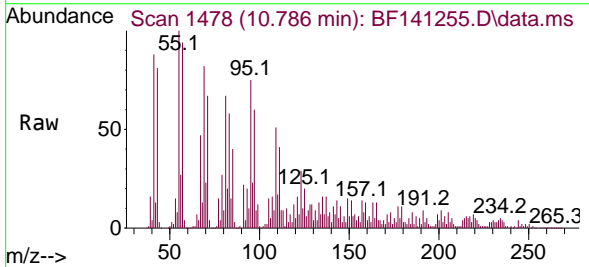
Instrument :
 BNA_F
ClientSampleId :
 VNJ-220DL

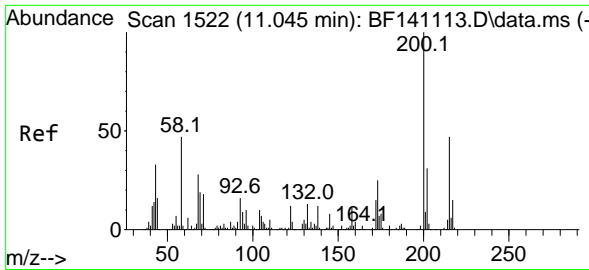
Tgt Ion	Resp	Lower	Upper
169	100		
168	48.0	52.5	78.7#
167	37.4	28.9	43.3



#67
 4-Bromophenyl-phenylether
 Concen: 4.063 ng
 RT: 10.786 min Scan# 1478
 Delta R.T. -0.106 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion	Resp	Lower	Upper
248	100		
250	98.0	77.9	116.9
141	612.6	59.9	89.9#

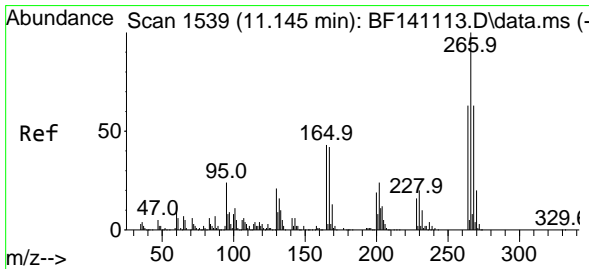
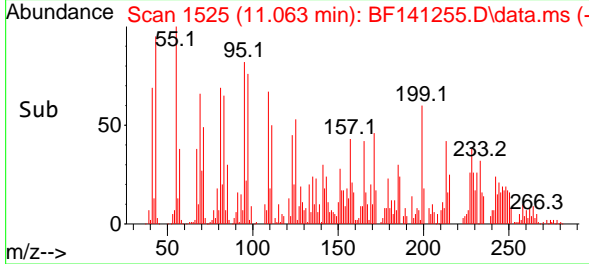
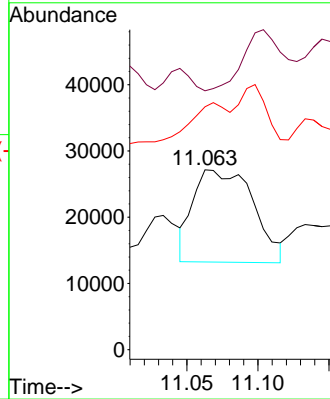
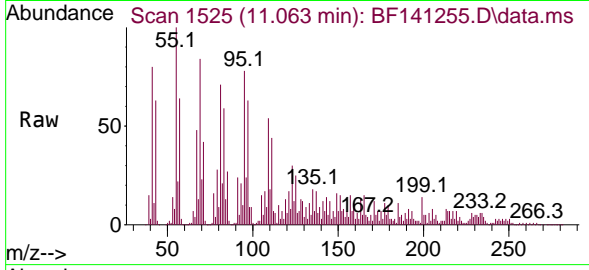




#69
 Atrazine
 Concen: 22.863 ng
 RT: 11.063 min Scan# 1551
 Delta R.T. 0.018 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

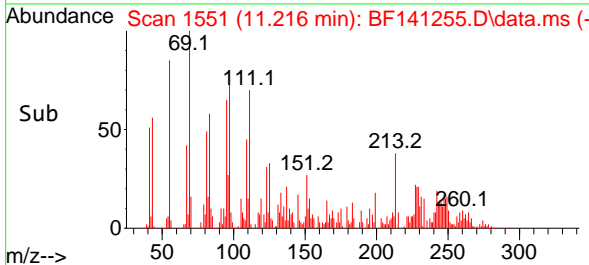
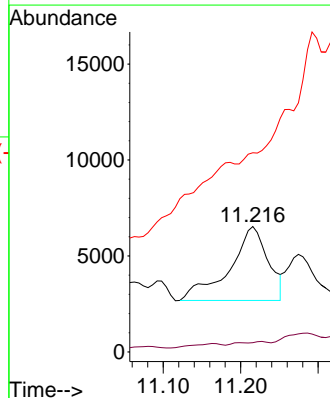
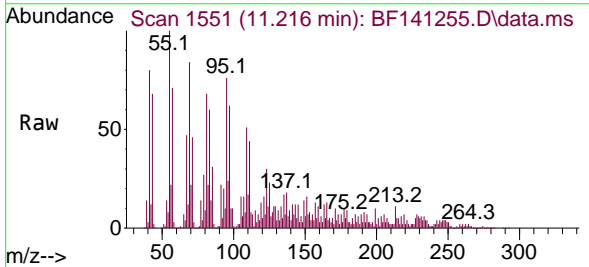
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

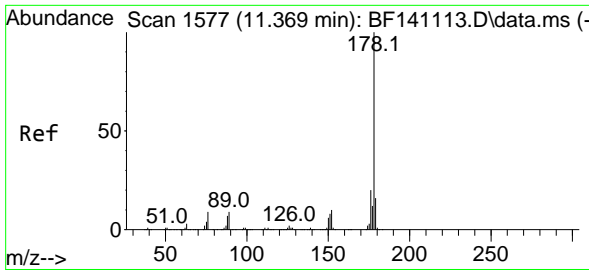
Tgt Ion:200 Resp: 40848
 Ion Ratio Lower Upper
 200 100
 173 144.0 5.4 45.4#
 215 135.1 26.6 66.6#



#70
 Pentachlorophenol
 Concen: 7.935 ng
 RT: 11.216 min Scan# 1551
 Delta R.T. 0.070 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion:266 Resp: 13398
 Ion Ratio Lower Upper
 266 100
 268 7.5 50.4 75.6#
 264 158.8 50.2 75.2#

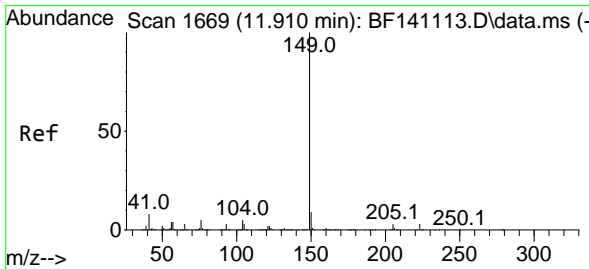
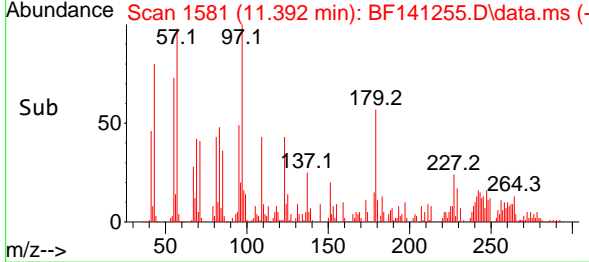
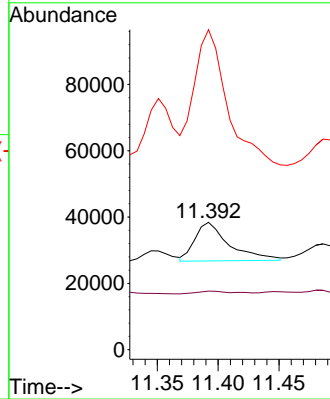
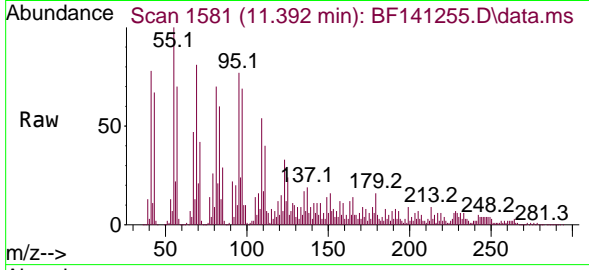




#71
 Phenanthrene
 Concen: 2.063 ng
 RT: 11.392 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

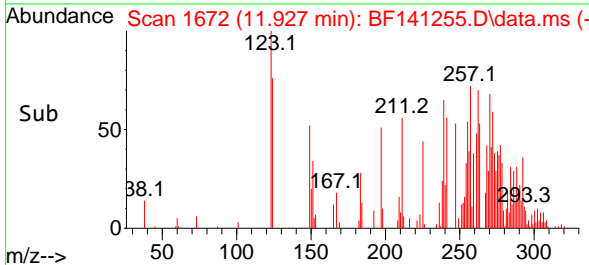
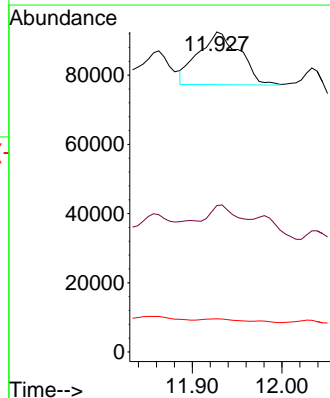
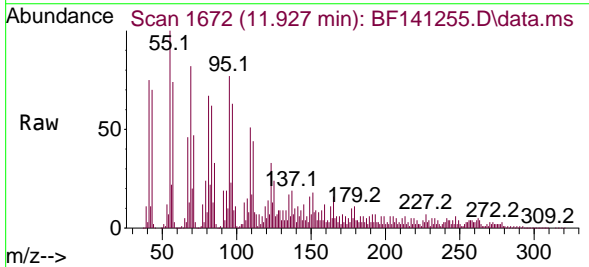
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

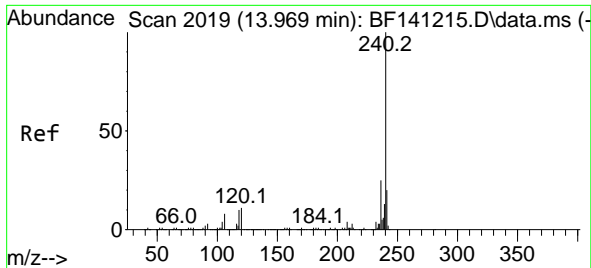
Tgt Ion:178 Resp: 22786
 Ion Ratio Lower Upper
 178 100
 176 46.0 15.7 23.5#
 179 251.4 12.6 19.0#



#74
 Di-n-butylphthalate
 Concen: 4.339 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. 0.018 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion:149 Resp: 48897
 Ion Ratio Lower Upper
 149 100
 150 45.8 7.4 11.2#
 104 10.4 4.2 6.2#

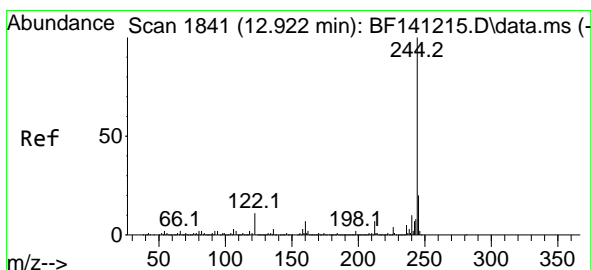
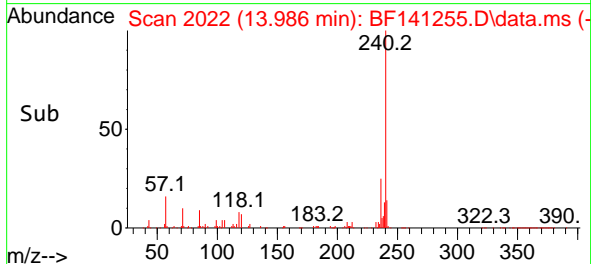
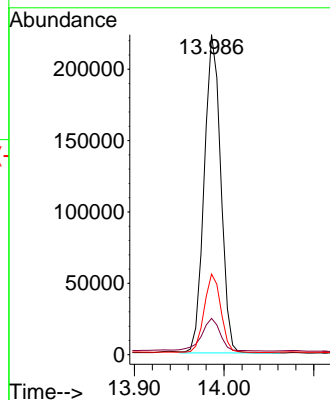
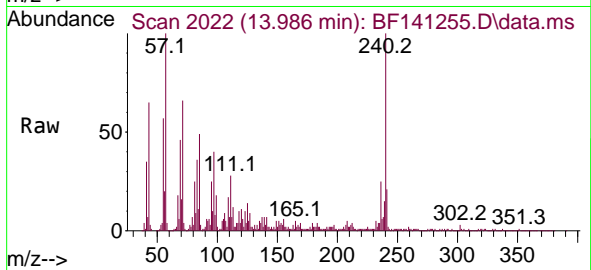




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.986 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

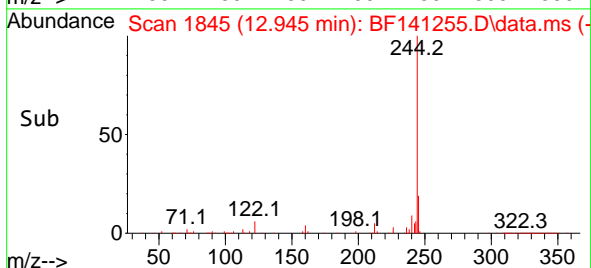
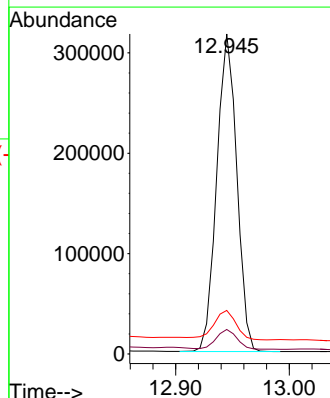
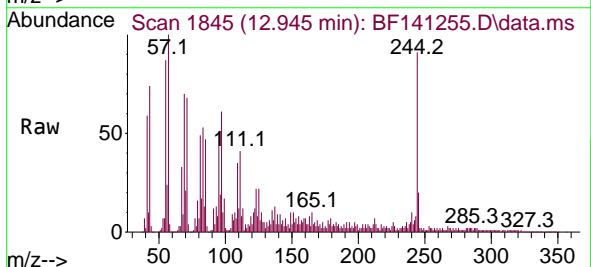
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

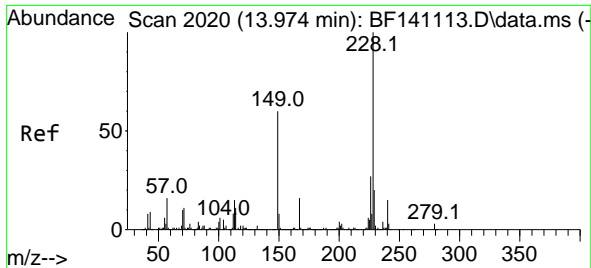
Tgt Ion:240 Resp: 284805
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.1 13.7
 236 25.2 19.8 29.6



#79
 Terphenyl-d14
 Concen: 20.289 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.012 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion:244 Resp: 388782
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 13.6 8.8 13.2#

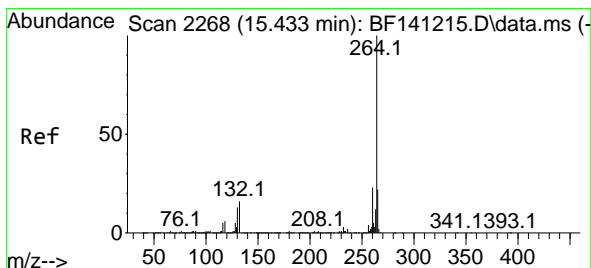
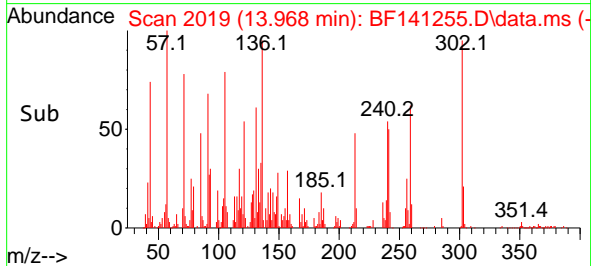
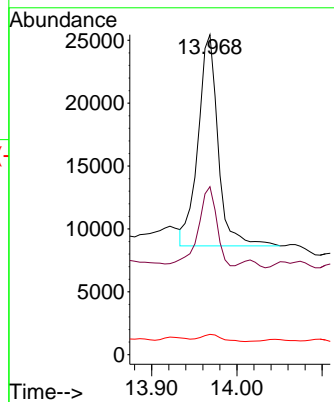
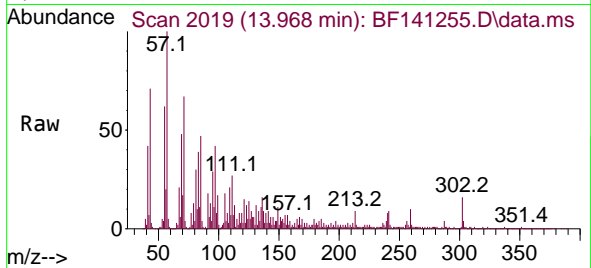




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.517 ng
 RT: 13.968 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Instrument : BNA_F
 Client Sample Id : VNJ-220DL

Tgt Ion	Resp	Lower	Upper
149	100		
167	52.5	21.4	32.2#
279	6.4	3.4	5.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2271
 Delta R.T. 0.012 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.6	17.4	26.0

