

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 22:01:48 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)

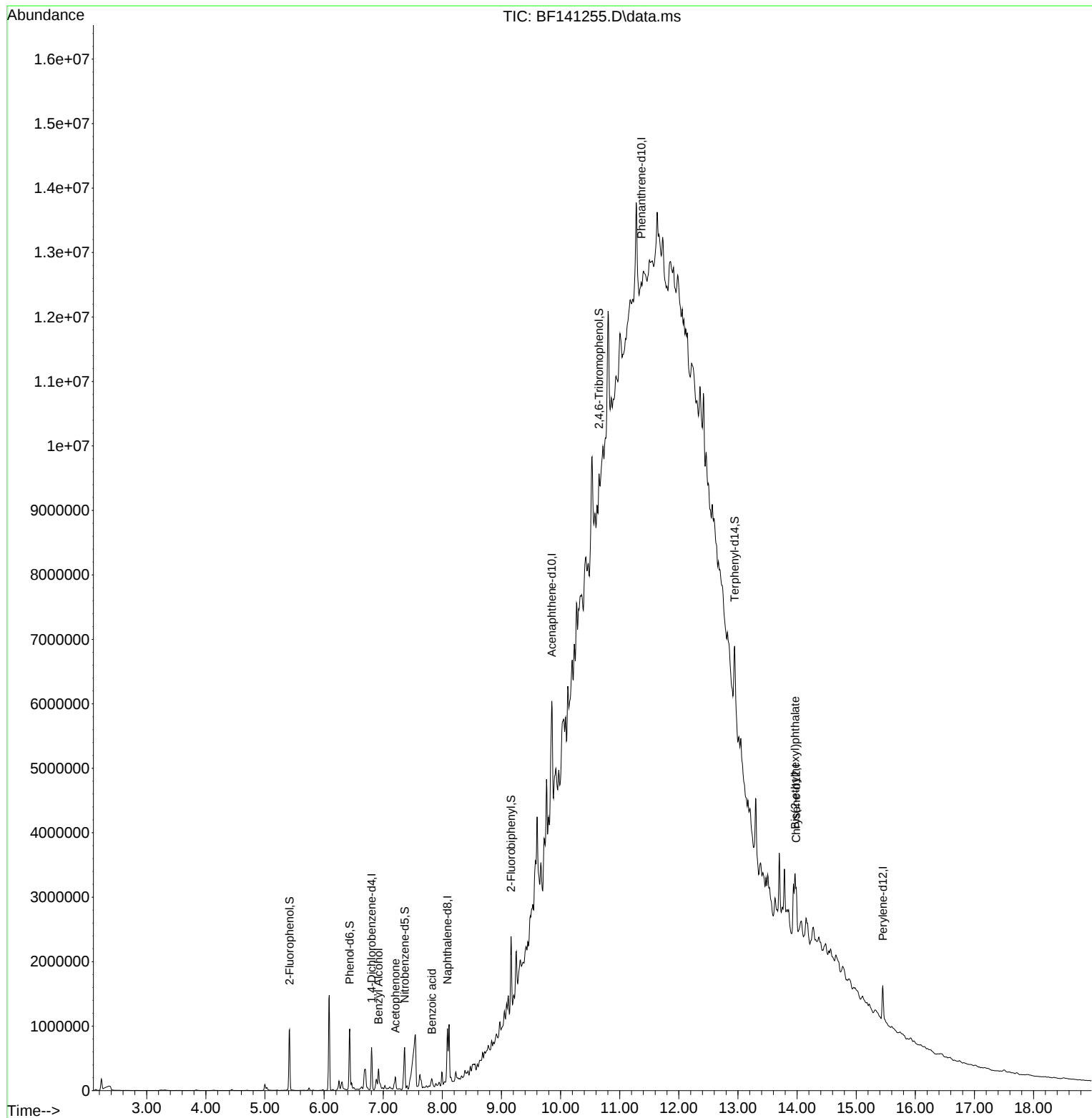
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	134049	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	565635	20.000	ng	-0.02
39) Acenaphthene-d10	9.851	164	193767	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	205722	20.000	ng	# 0.02
76) Chrysene-d12	13.986	240	284805	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
15) Benzyl Alcohol	6.922	79	18646	2.349	ng	# 57
22) Acetophenone	7.210	105	67609	5.028	ng	# 91
32) Benzoic acid	7.822	122	35868	5.480	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	27389	2.517	ng	# 56

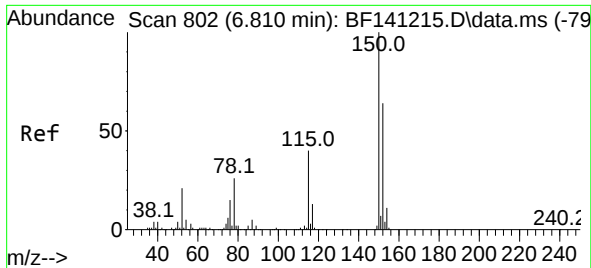
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

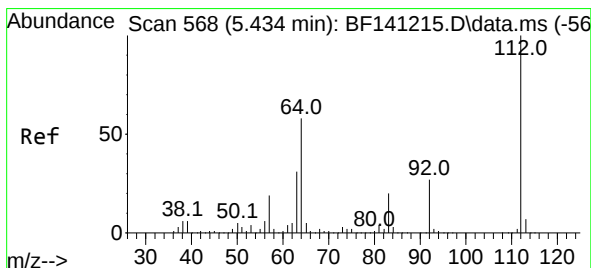
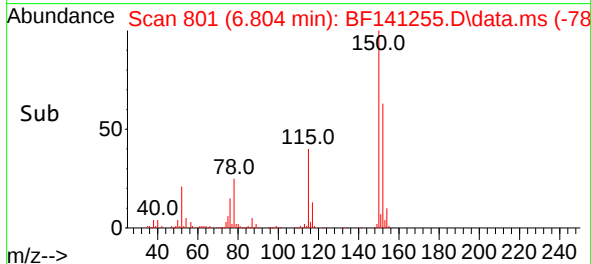
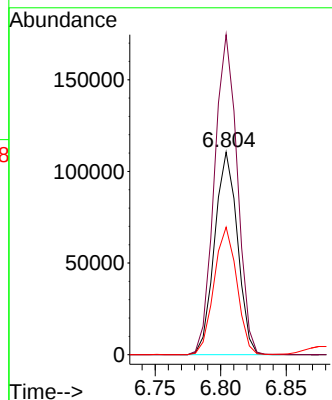
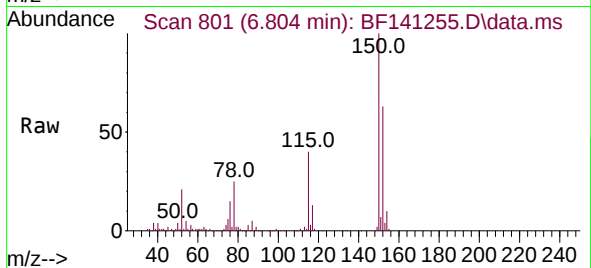




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 801
 Delta R.T. -0.018 min
 Lab File: BF141255.D
 Acq: 23 Jan 2025 17:33

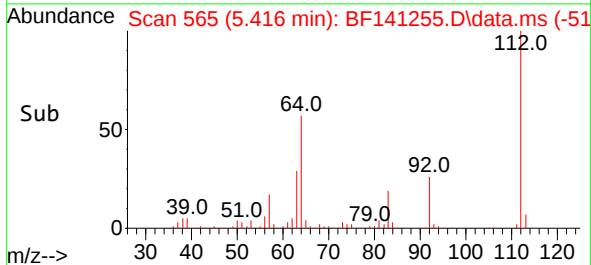
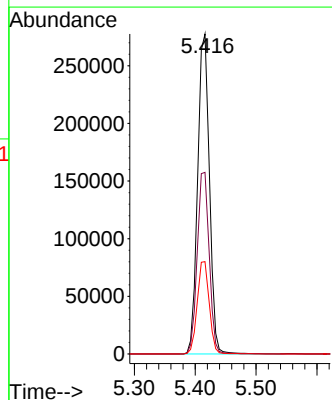
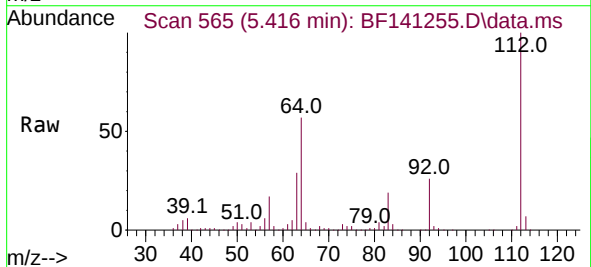
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220DL

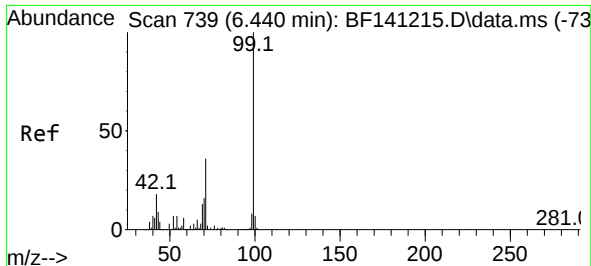
Tgt Ion:152 Resp: 134049
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.8 188.8
 115 62.9 51.4 77.2



#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

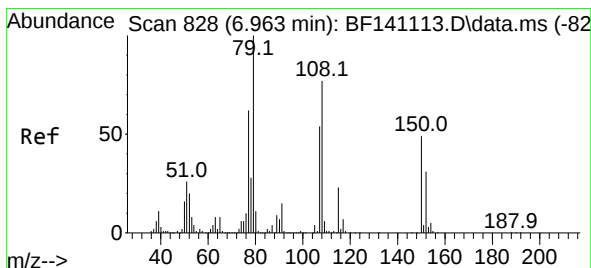
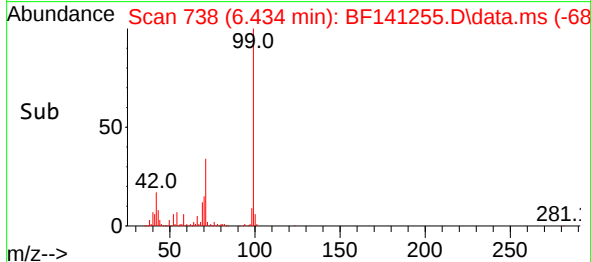
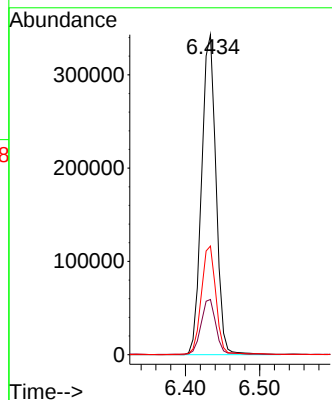
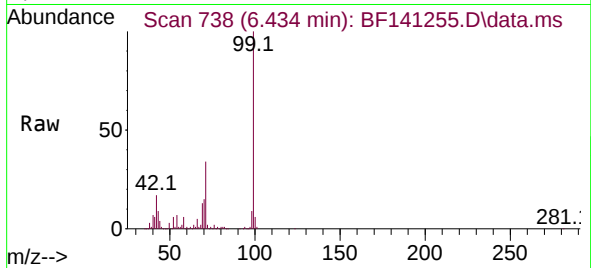




#7
Phenol-d6
Concen: 42.145 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141255.D
Acq: 23 Jan 2025 17:33

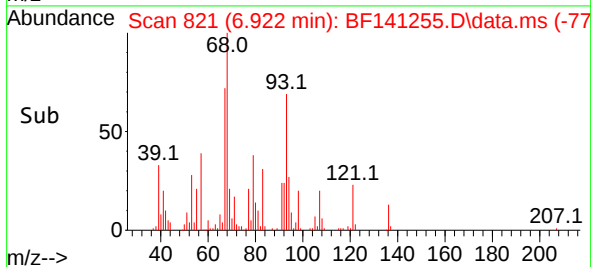
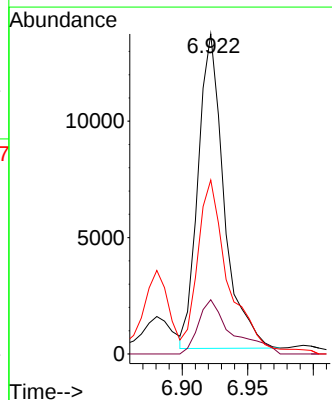
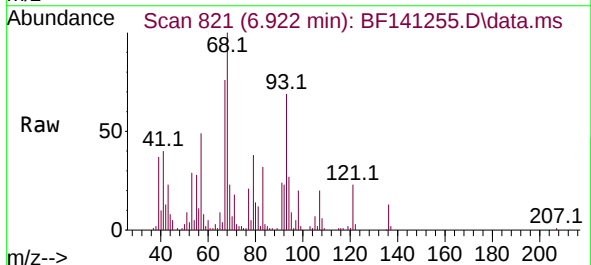
Instrument :
BNA_F
ClientSampleId :
VNJ-220DL

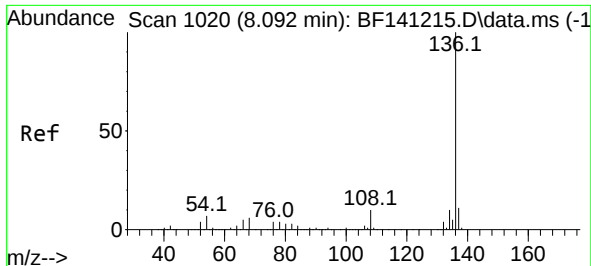
Tgt Ion: 99 Resp: 463251
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 34.0 27.6 41.4



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

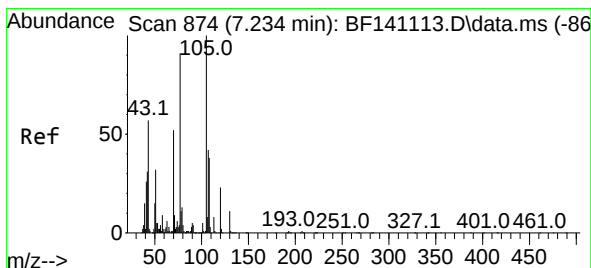
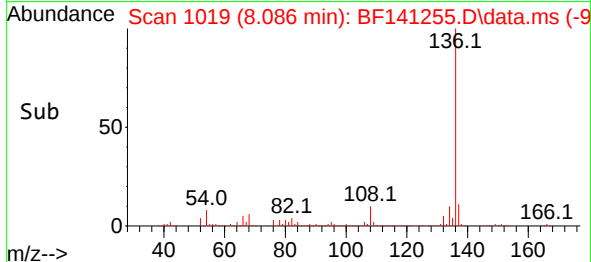
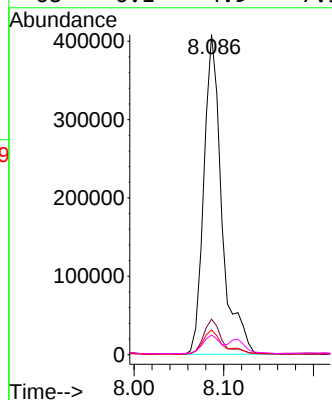
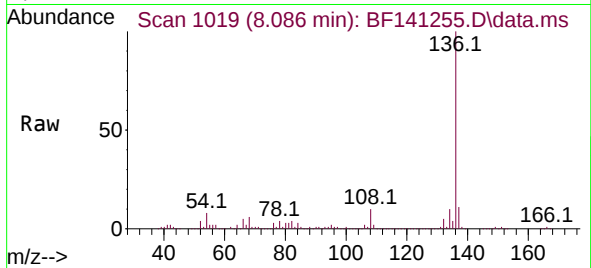




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141255.D
Acq: 23 Jan 2025 17:33

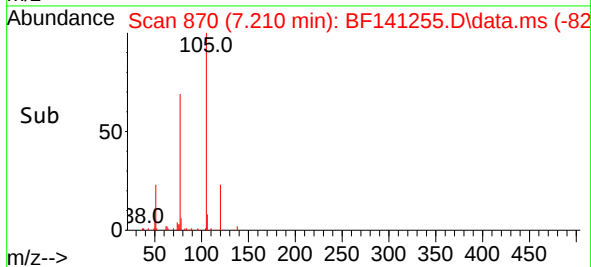
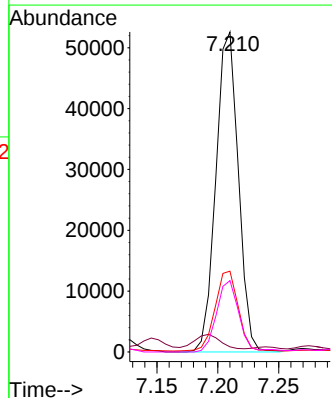
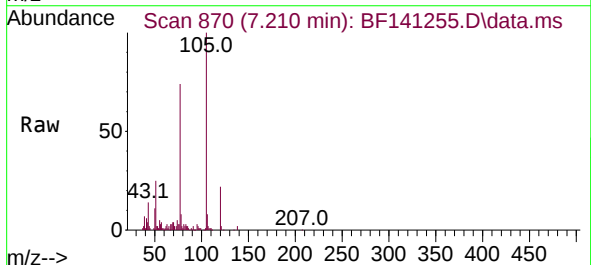
Instrument :
BNA_F
ClientSampleId :
VNJ-220DL

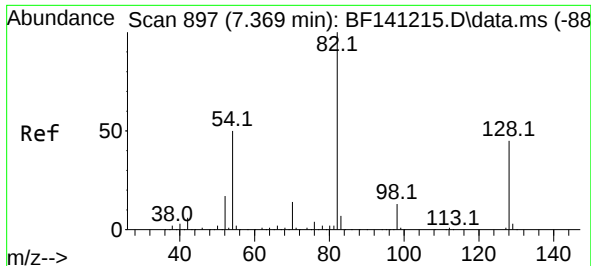
Tgt Ion:136	Resp:	565635
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.7	6.3 9.5
68	6.1	4.9 7.3



#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# 897

Delta R.T. -0.024 min

Lab File: BF141255.D

Acq: 23 Jan 2025 17:33

Instrument :

BNA_F

ClientSampleId :

VNJ-220DL

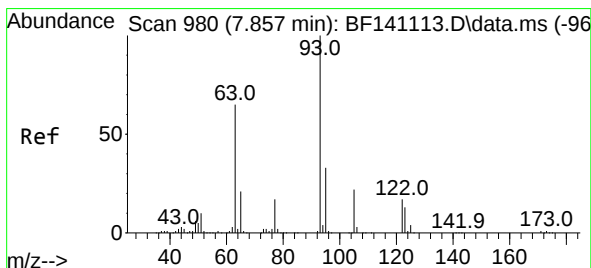
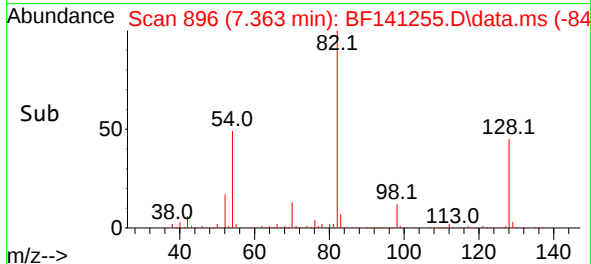
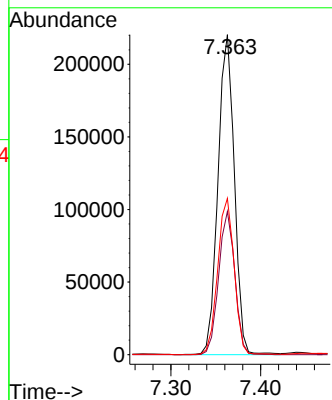
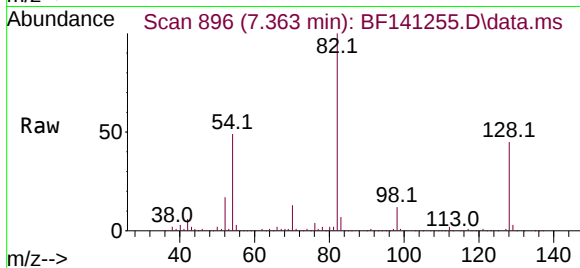
Tgt Ion: 82 Resp: 279545

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

54 48.9 41.0 61.4



#32

Benzoic acid

Concen: 5.480 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.035 min

Lab File: BF141255.D

Acq: 23 Jan 2025 17:33

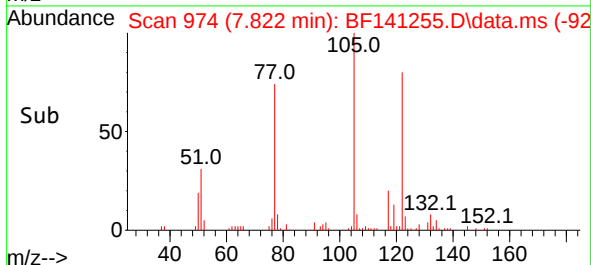
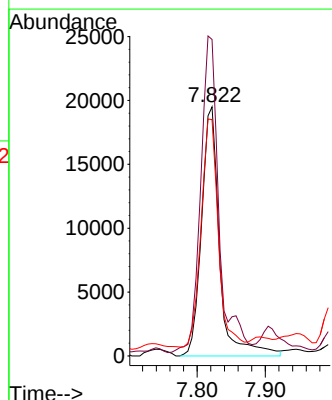
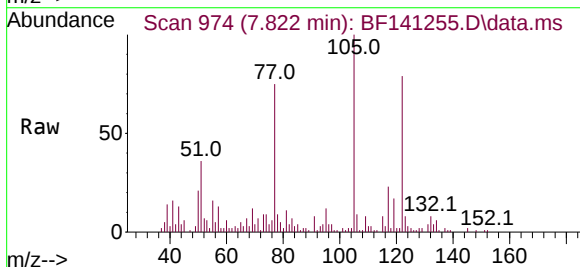
Tgt Ion:122 Resp: 35868

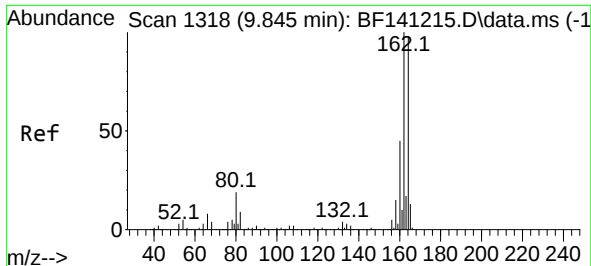
Ion Ratio Lower Upper

122 100

105 127.0 105.5 145.5

77 94.9 75.1 115.1

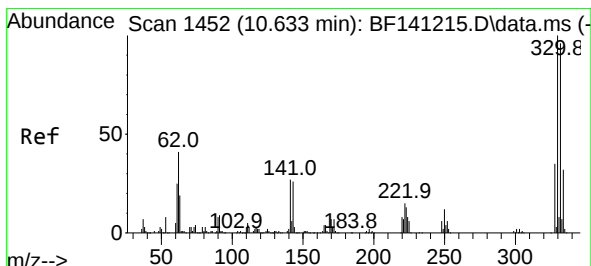
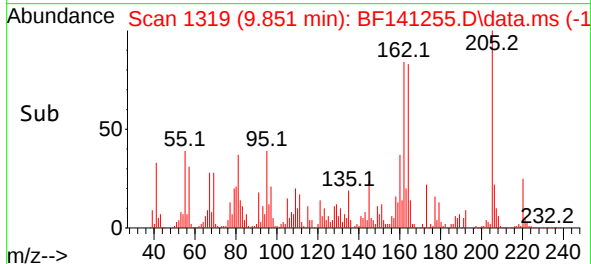
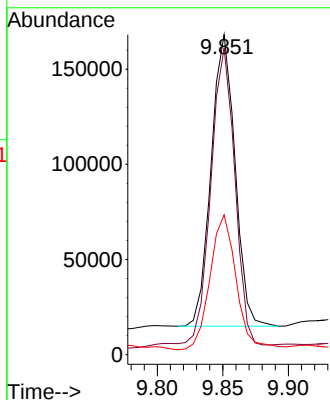
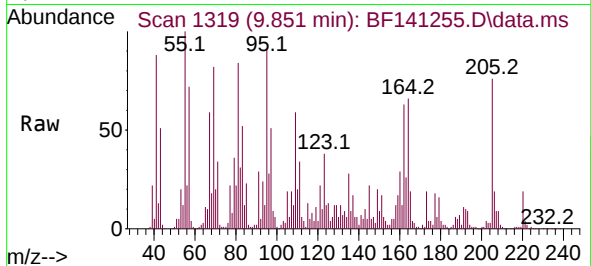




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF141255.D
Acq: 23 Jan 2025 17:33

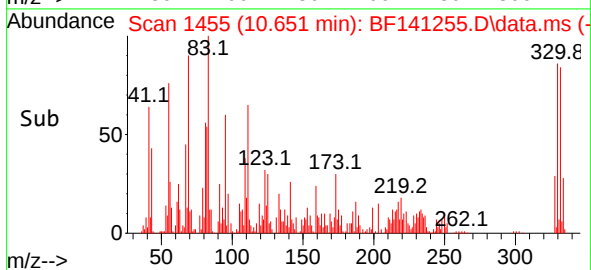
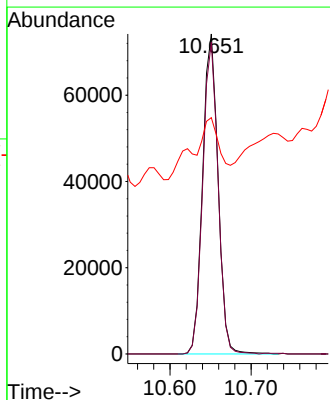
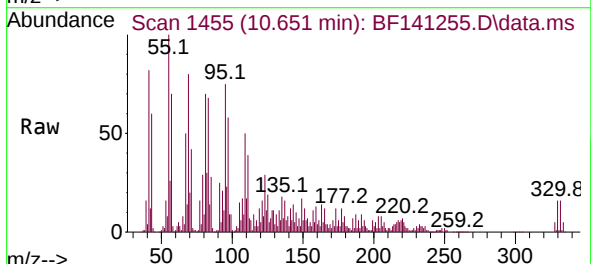
Instrument :
BNA_F
ClientSampleId :
VNJ-220DL

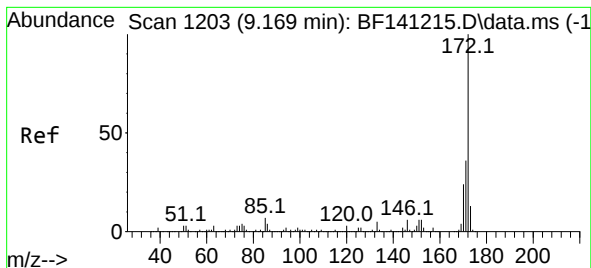
Tgt Ion:164 Resp: 193767
Ion Ratio Lower Upper
164 100
162 95.7 81.0 121.4
160 43.7 36.1 54.1



#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

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# 1

Delta R.T. -0.018 min

Lab File: BF141255.D

Acq: 23 Jan 2025 17:33

Instrument :

BNA_F

ClientSampleId :

VNJ-220DL

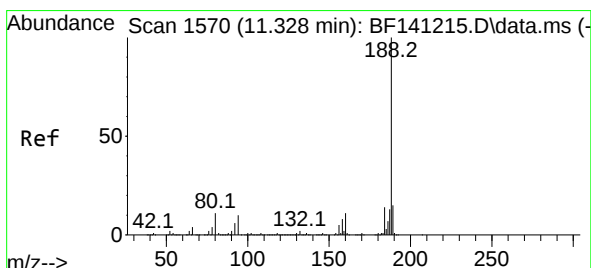
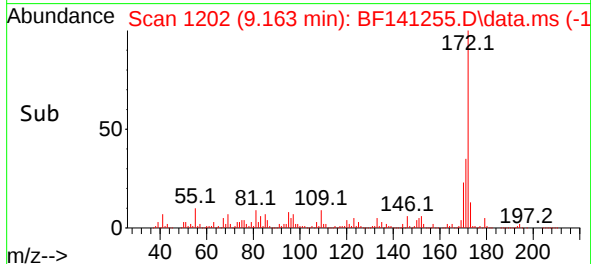
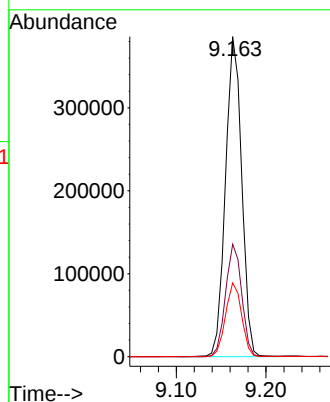
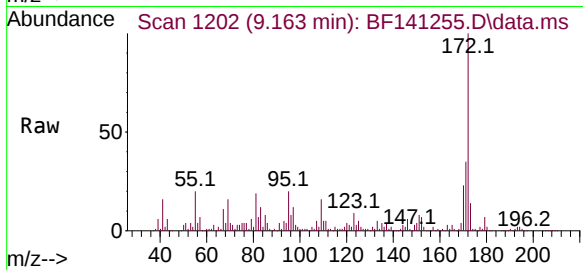
Tgt Ion:172 Resp: 483983

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.1 19.0 28.6



#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

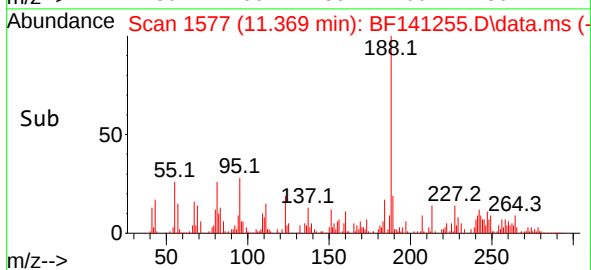
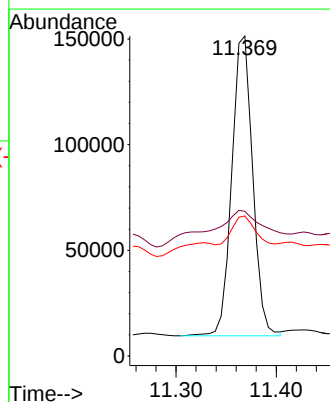
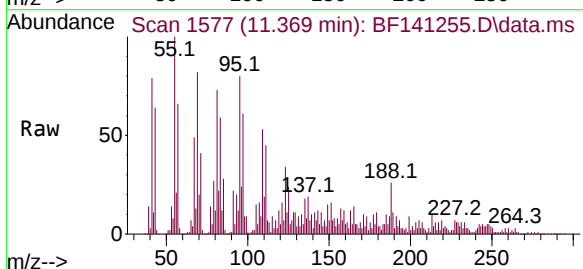
Tgt Ion:188 Resp: 205722

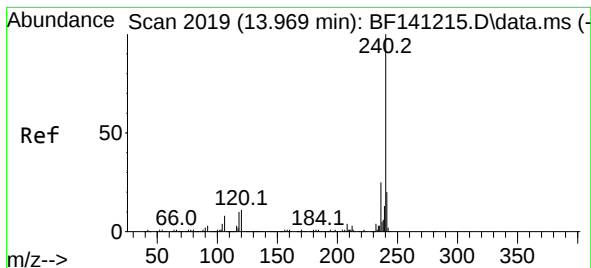
Ion Ratio Lower Upper

188 100

94 45.2 8.3 12.5#

80 43.8 9.0 13.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141255.D

Acq: 23 Jan 2025 17:33

Instrument :

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VNJ-220DL

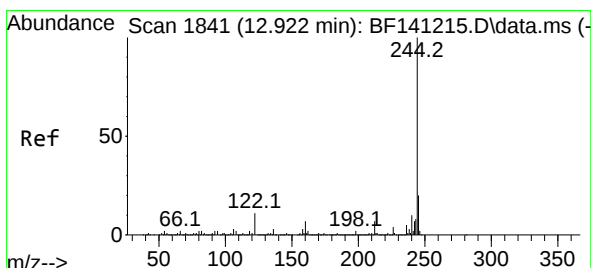
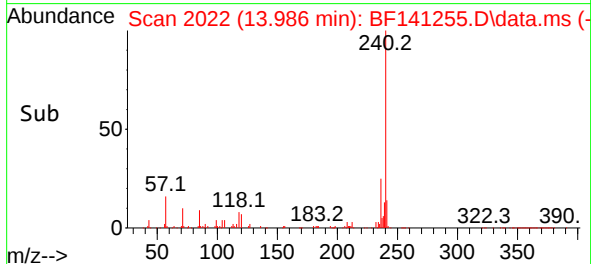
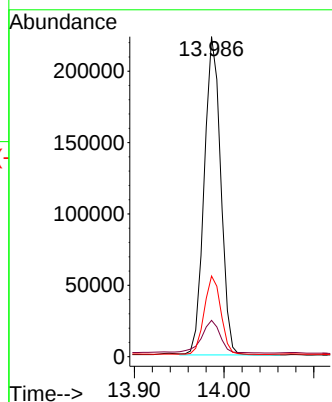
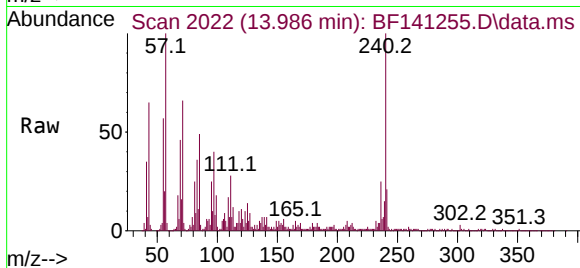
Tgt Ion:240 Resp: 284805

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

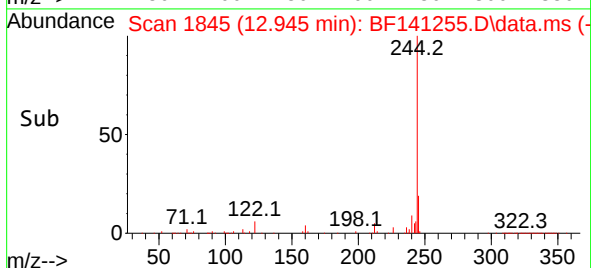
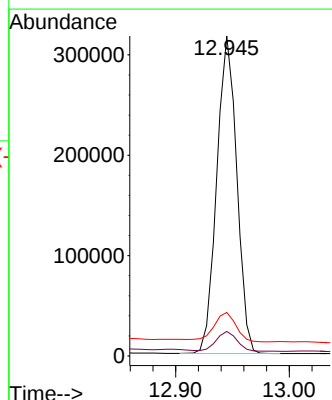
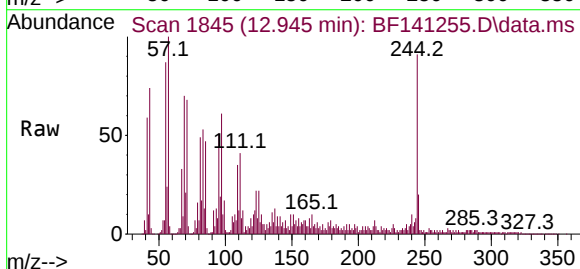
Tgt Ion:244 Resp: 388782

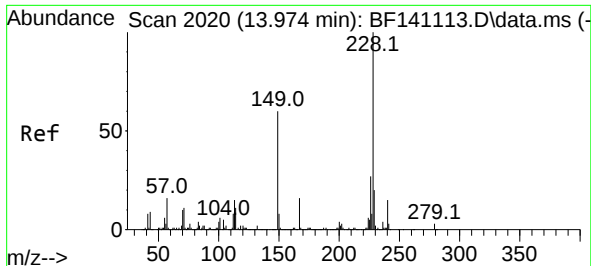
Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

122 13.6 8.8 13.2#

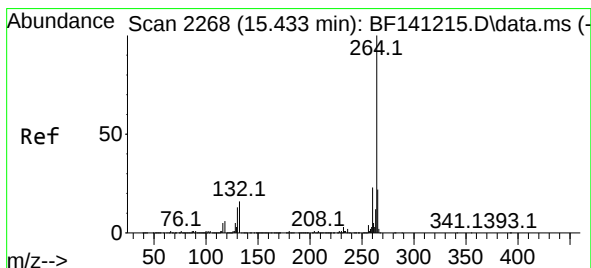
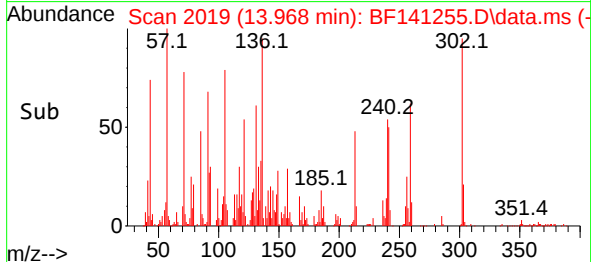
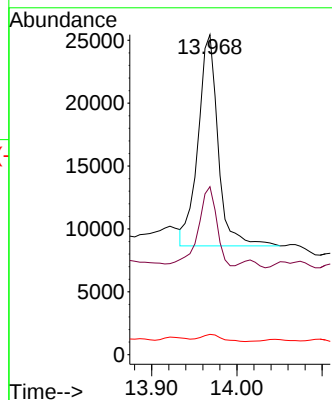
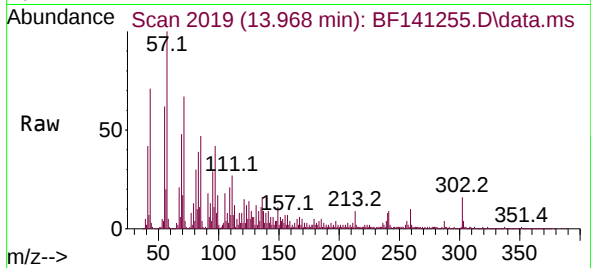




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.517 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141255.D
Acq: 23 Jan 2025 17:33

Instrument :
BNA_F
ClientSampleId :
VNJ-220DL

Tgt Ion:149 Resp: 27389
Ion Ratio 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:264 Resp: 333481
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.6 17.4 26.0

