

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139657.D
 Acq On : 04 Oct 2024 15:03
 Operator : RC/JU
 Sample : P4276-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

Quant Time: Oct 04 15:28:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

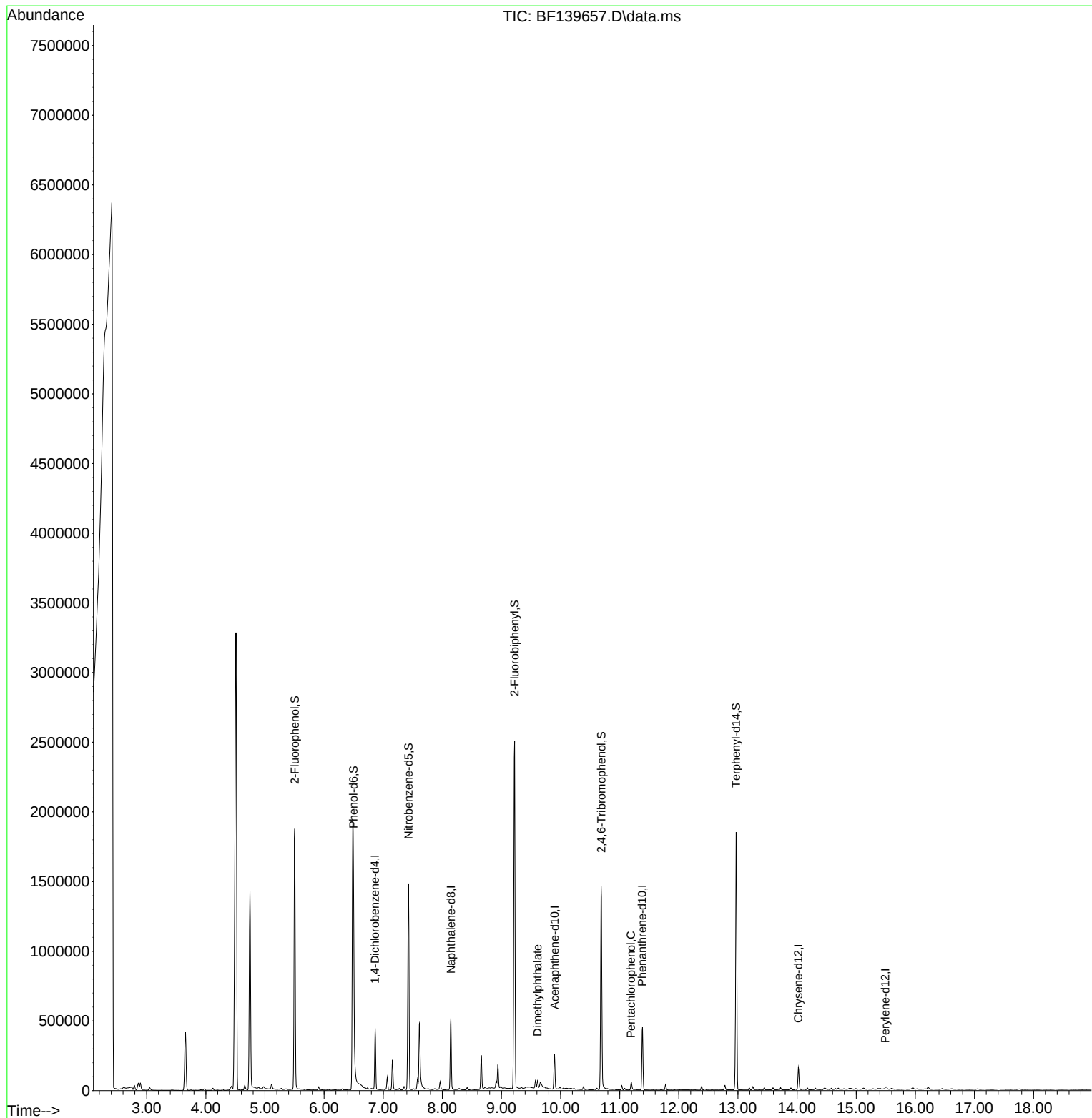
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85986	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	298415	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	63142	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	197743	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	55716	20.000	ng	-0.01
86) Perylene-d12	15.492	264	3661	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	666688	134.386	ng	0.02
7) Phenol-d6	6.498	99	391386	58.666	ng	0.00
23) Nitrobenzene-d5	7.428	82	647522	109.861	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	242217	397.381	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1133866	275.679	ng	0.00
79) Terphenyl-d14	12.968	244	751691	221.372	ng	-0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.610	163	29142	7.050	ng	99
70) Pentachlorophenol	11.192	266	4583	3.421	ng	98

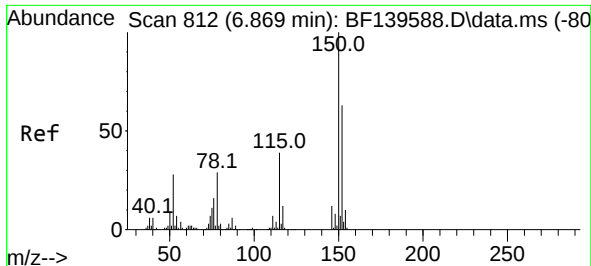
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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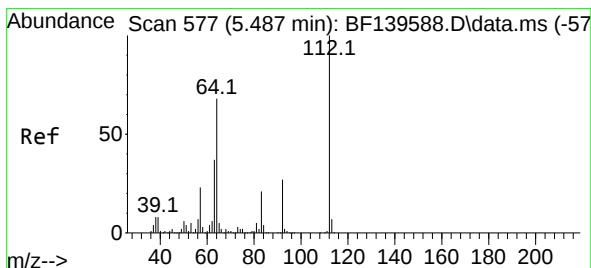
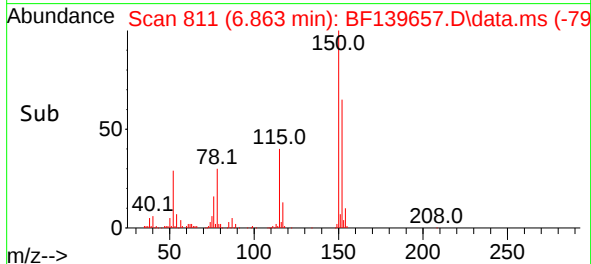
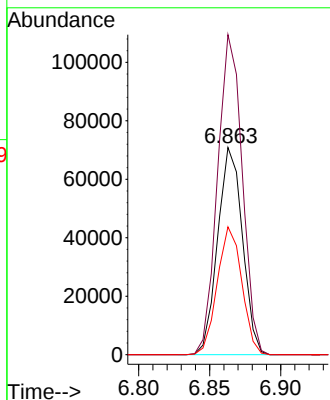
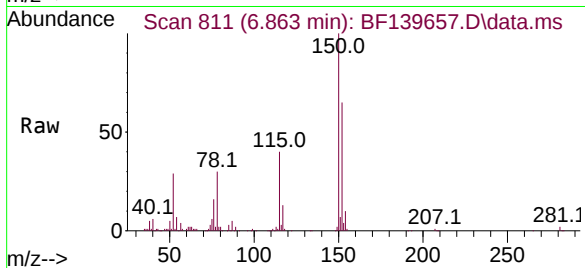




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

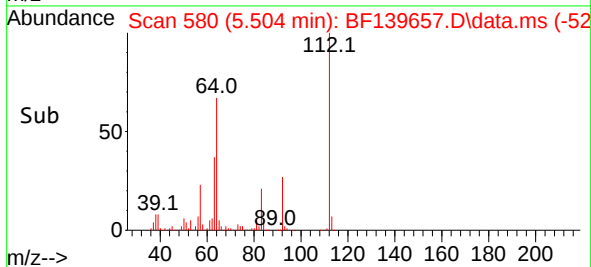
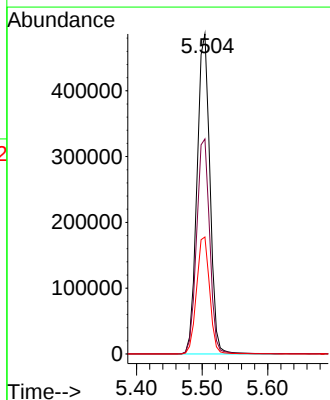
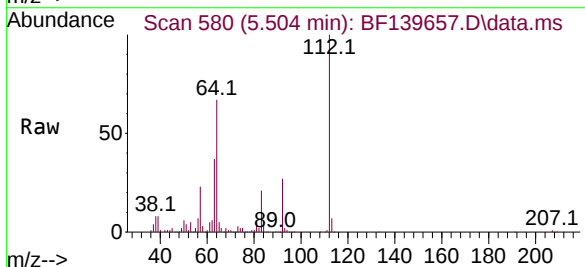
Instrument :
BNA_F
ClientSampleId :
VNJ-208

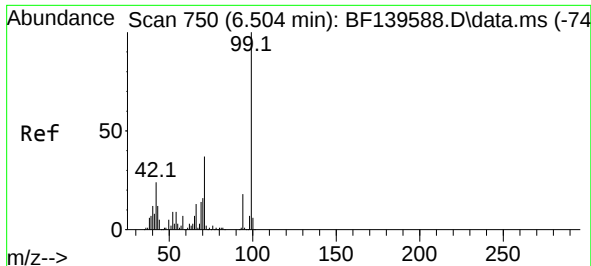
Tgt Ion:152 Resp: 85986
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 61.7 49.0 73.4



#5
2-Fluorophenol
Concen: 134.386 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:112 Resp: 666688
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.6 29.4 44.2





#7

Phenol-d6

Concen: 58.666 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

Instrument :

BNA_F

ClientSampleId :

VNJ-208

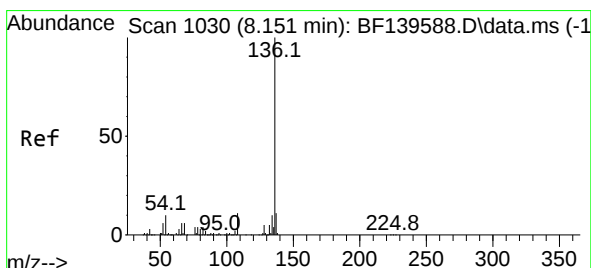
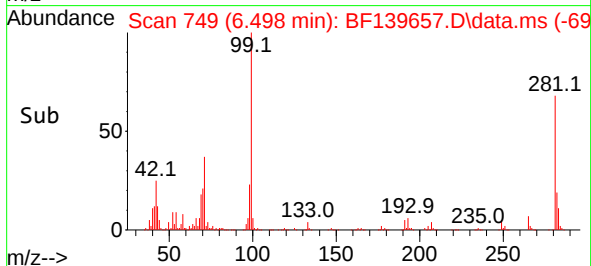
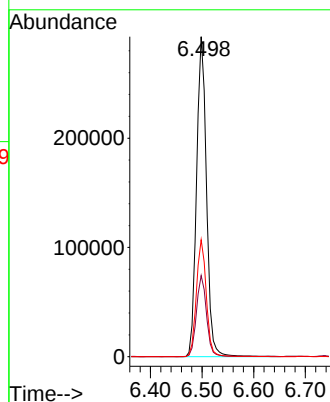
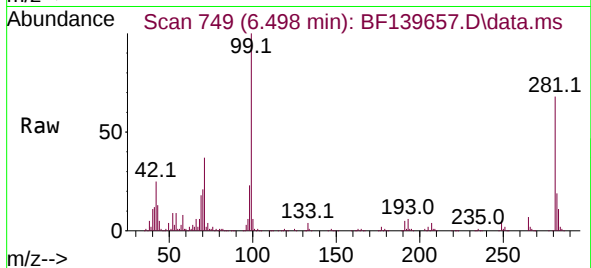
Tgt Ion: 99 Resp: 391386

Ion Ratio Lower Upper

99 100

42 25.4 19.1 28.7

71 36.6 29.7 44.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

Tgt Ion:136 Resp: 298415

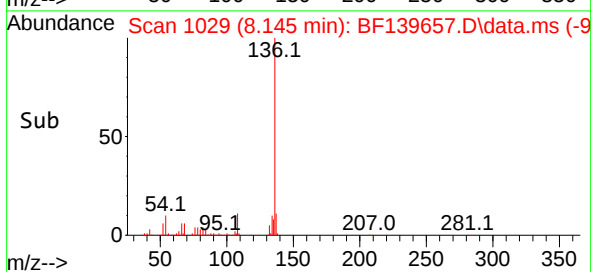
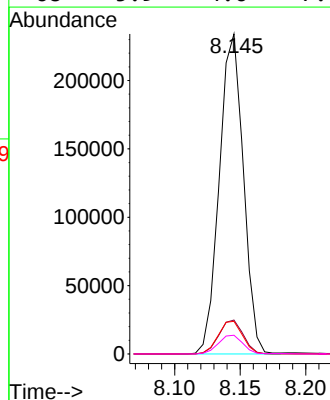
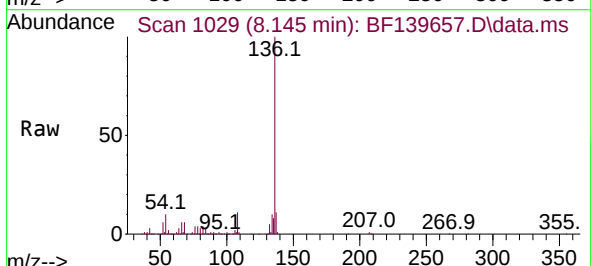
Ion Ratio Lower Upper

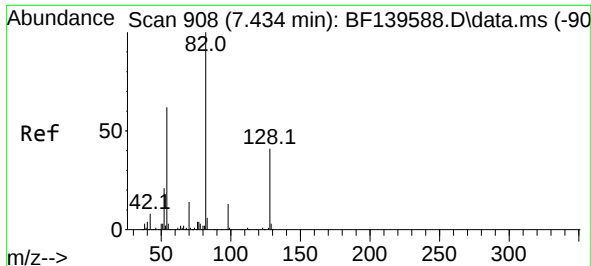
136 100

137 10.6 8.6 13.0

54 10.2 8.3 12.5

68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 109.861 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

Instrument :

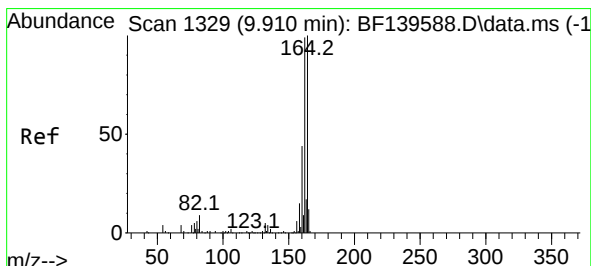
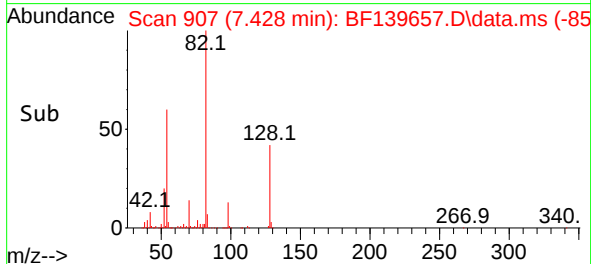
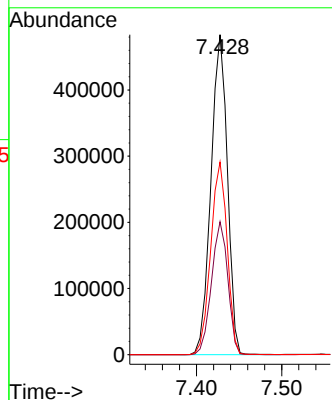
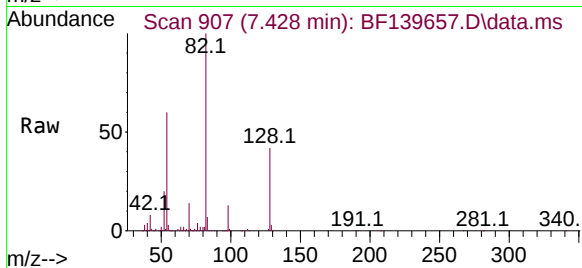
BNA_F

ClientSampleId :

VNJ-208

Tgt Ion: 82 Resp: 647522

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.4	48.6
54	60.2	49.1	73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

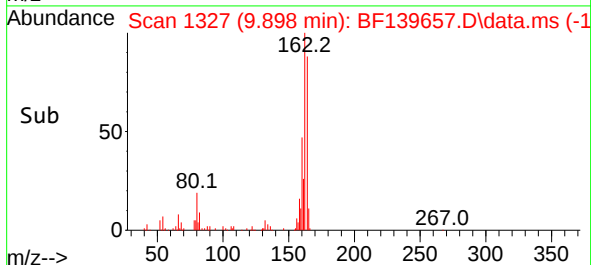
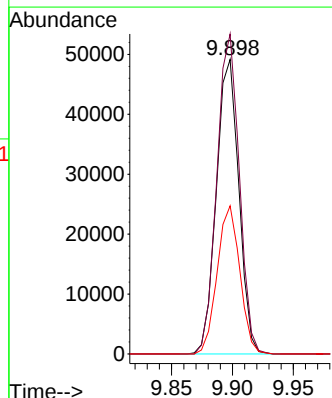
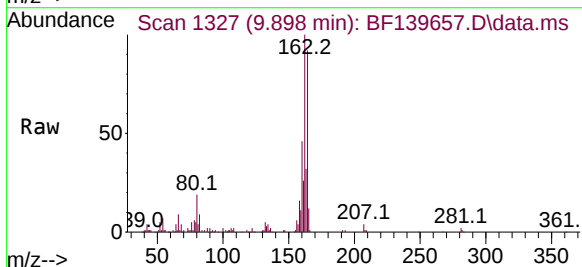
Delta R.T. -0.012 min

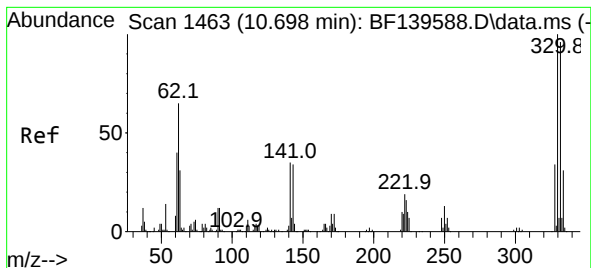
Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

Tgt Ion: 164 Resp: 63142

Ion	Ratio	Lower	Upper
164	100		
162	108.6	79.4	119.0
160	50.3	35.1	52.7

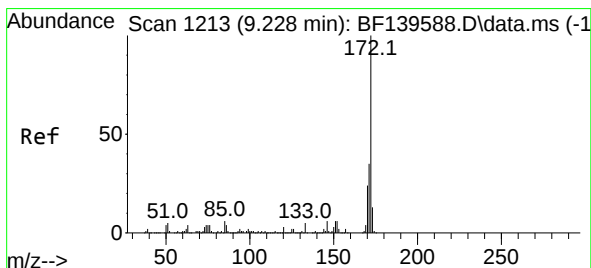
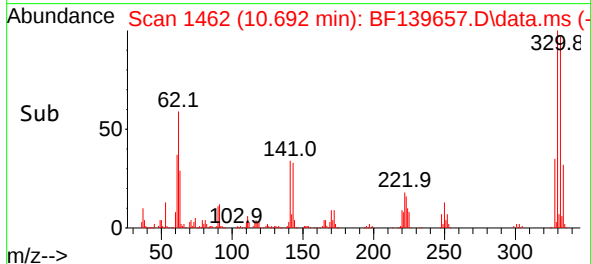
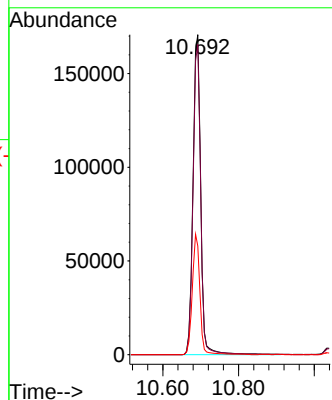
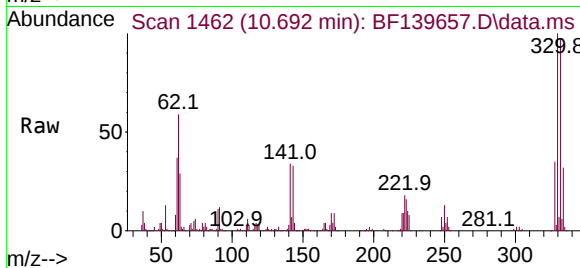




#42
2,4,6-Tribromophenol
Concen: 397.381 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

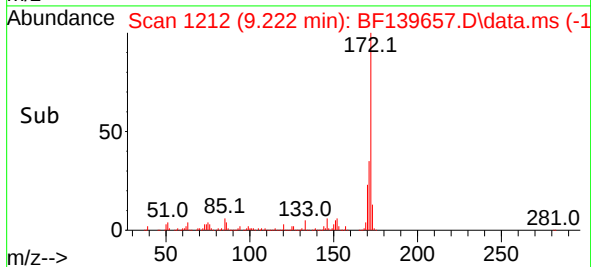
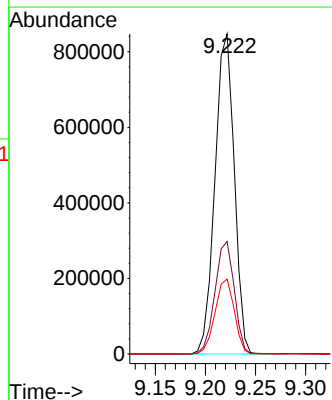
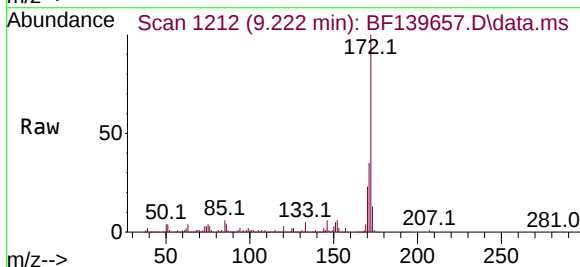
Instrument :
BNA_F
ClientSampleId :
VNJ-208

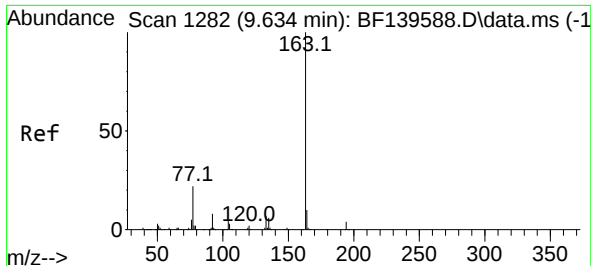
Tgt Ion:330 Resp: 242217
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 37.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 275.679 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:172 Resp: 1133866
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.4 18.8 28.2

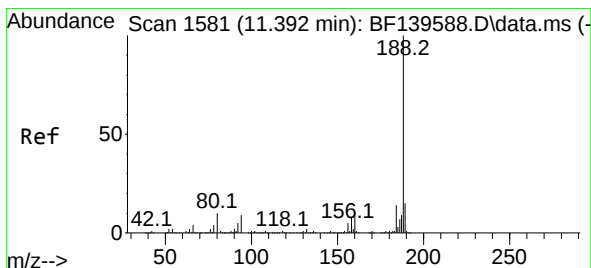
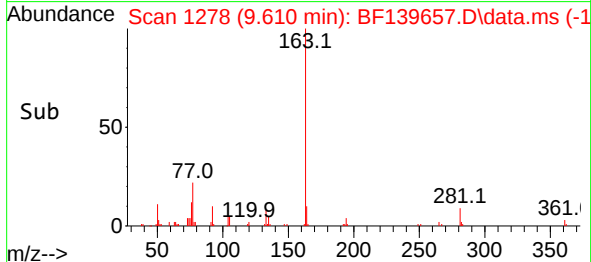
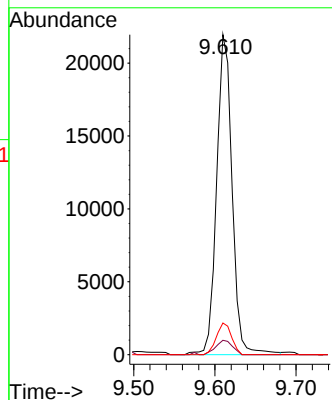
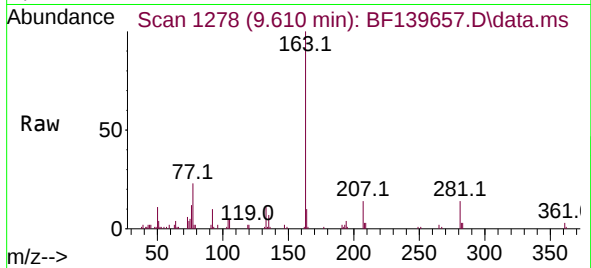




#50
Dimethylphthalate
Concen: 7.050 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

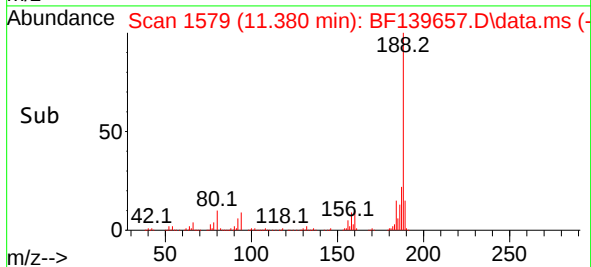
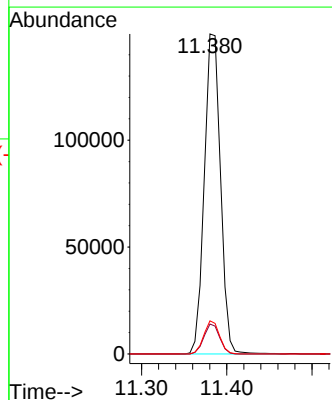
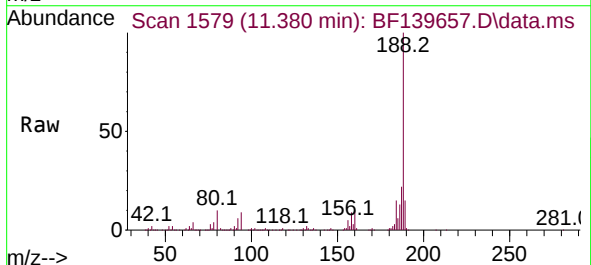
Instrument :
BNA_F
ClientSampleId :
VNJ-208

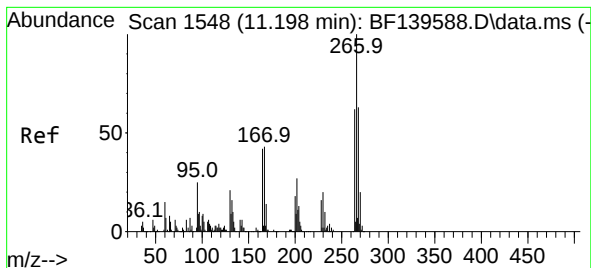
Tgt Ion:163 Resp: 29142
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.9 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:188 Resp: 197743
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.4 8.2 12.2





#70

Pentachlorophenol

Concen: 3.421 ng

RT: 11.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

Instrument :

BNA_F

ClientSampleId :

VNJ-208

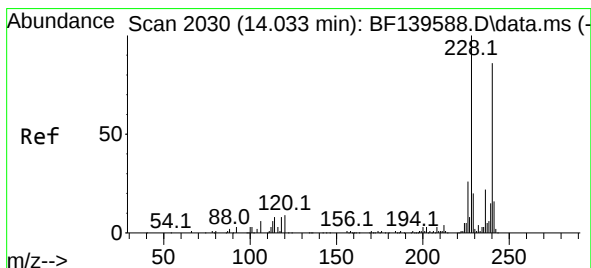
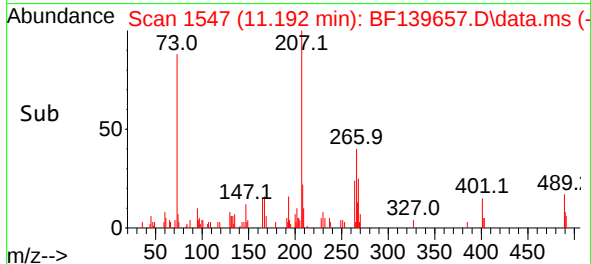
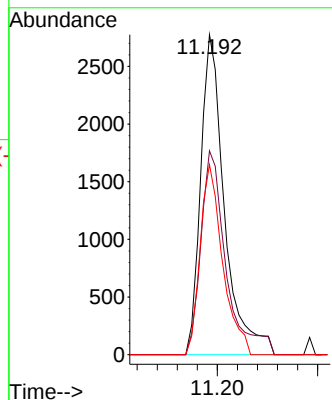
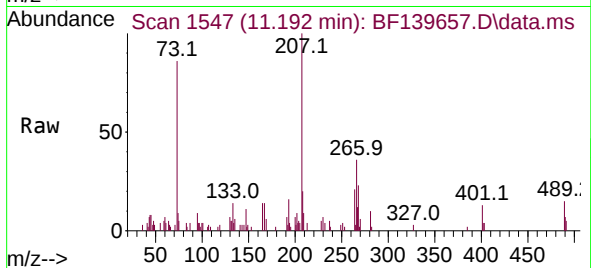
Tgt Ion:266 Resp: 4583

Ion Ratio Lower Upper

266 100

268 63.7 50.0 75.0

264 59.4 49.3 73.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF139657.D

Acq: 04 Oct 2024 15:03

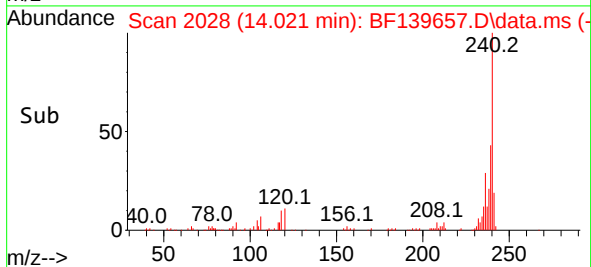
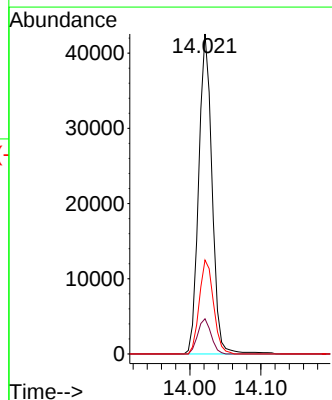
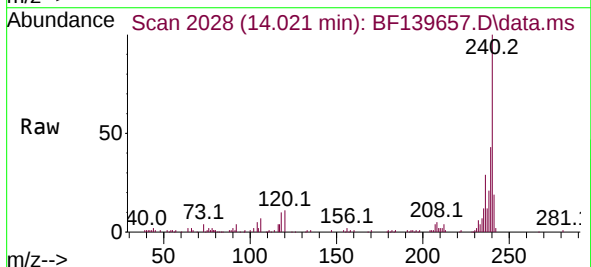
Tgt Ion:240 Resp: 55716

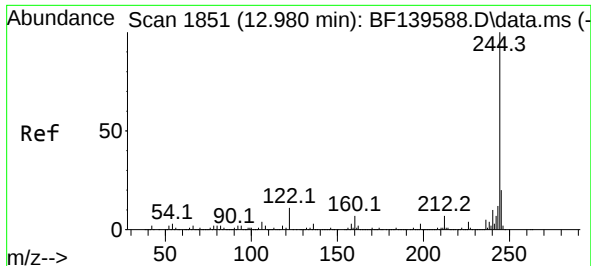
Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 29.4 20.3 30.5

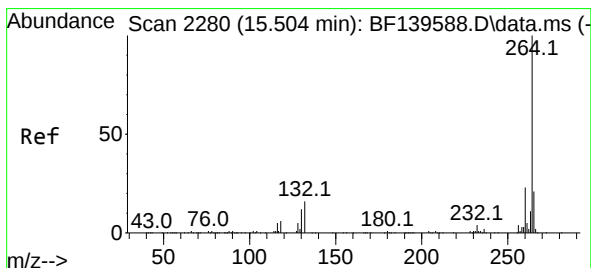
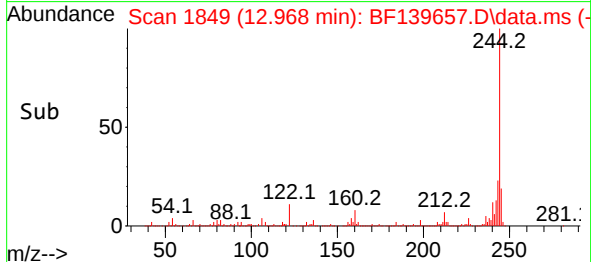
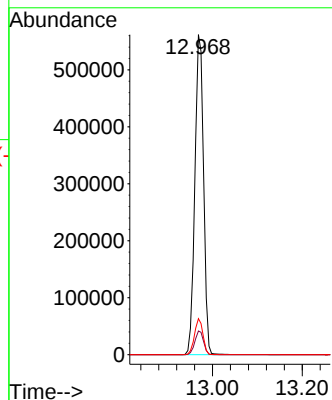
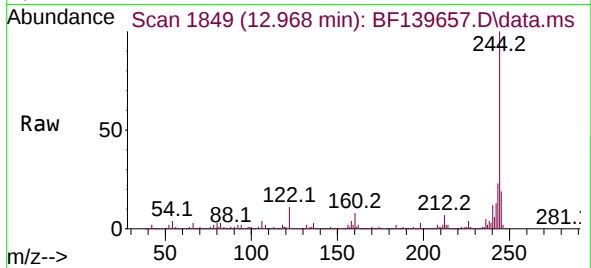




#79
Terphenyl-d14
Concen: 221.372 ng
RT: 12.968 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Instrument :
BNA_F
ClientSampleId :
VNJ-208

Tgt Ion:244 Resp: 751691
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 11.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139657.D
Acq: 04 Oct 2024 15:03

Tgt Ion:264 Resp: 3661
Ion Ratio Lower Upper
264 100
260 41.4 18.7 28.1#
265 24.0 16.9 25.3

