

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130654.D
 Acq On : 13 Oct 2022 19:00
 Operator : CG\JU
 Sample : N5096-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217

Quant Time: Oct 14 06:02:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

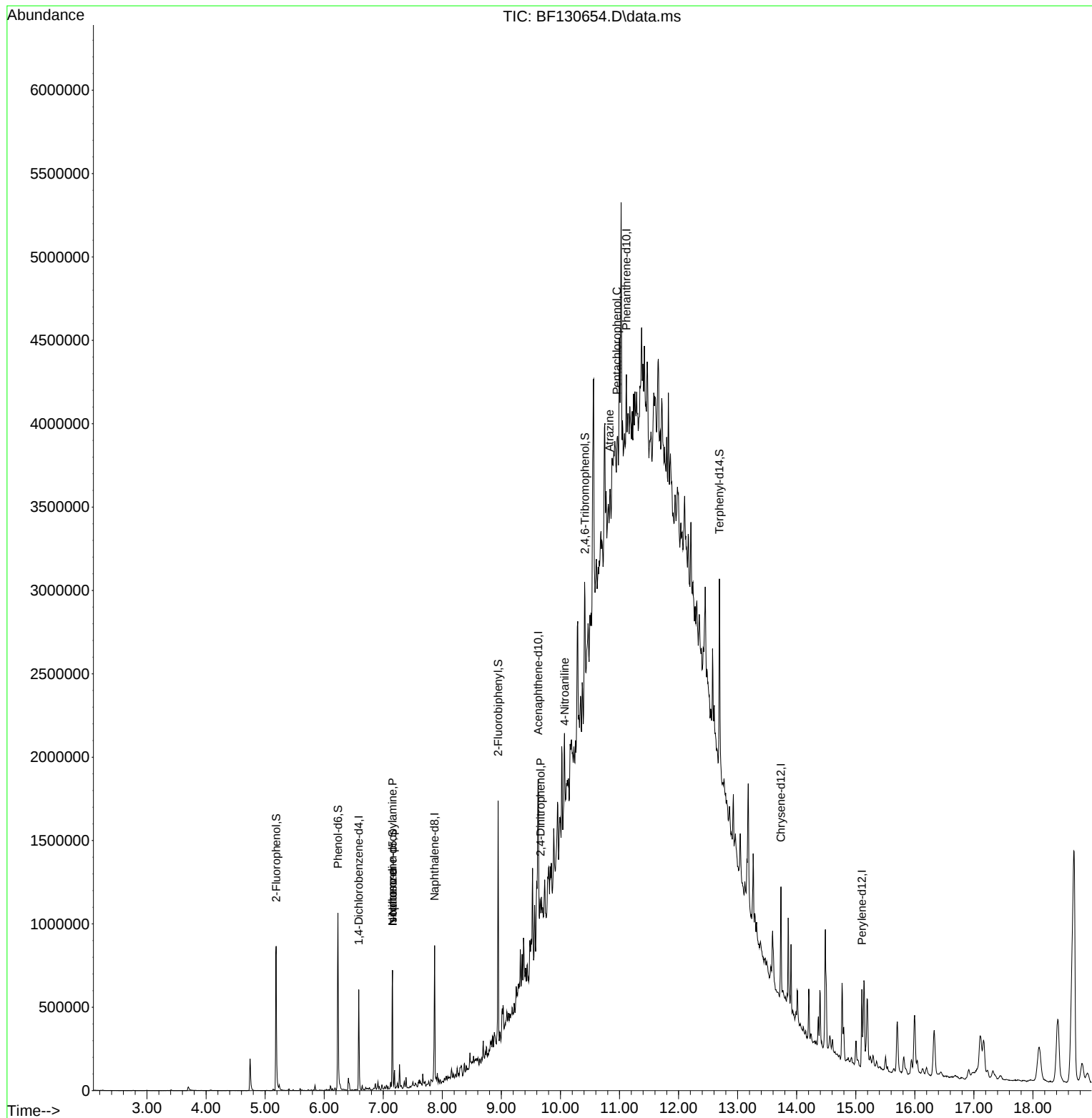
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	81614	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	301669	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	133995	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	188108	20.000	ng	# 0.02
76) Chrysene-d12	13.733	240	166874	20.000	ng	0.00
86) Perylene-d12	15.104	264	186264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	279646	61.763	ng	0.00
7) Phenol-d6	6.234	99	344975	60.601	ng	0.00
23) Nitrobenzene-d5	7.157	82	211821	38.332	ng	0.00
42) 2,4,6-Tribromophenol	10.416	330	75981	57.951	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	381507	43.127	ng	0.00
79) Terphenyl-d14	12.692	244	336693	33.488	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	27027	7.359	ng	# 80
25) Isophorone	7.157	82	209881	22.820	ng	# 64
54) 2,4-Dinitrophenol	9.663	184	54	5.022	ng	# 1
62) 4-Nitroaniline	10.074	138	9159	4.301	ng	91
69) Atrazine	10.833	200	7609	4.466	ng	# 1
70) Pentachlorophenol	10.957	266	4903	5.236	ng	# 34

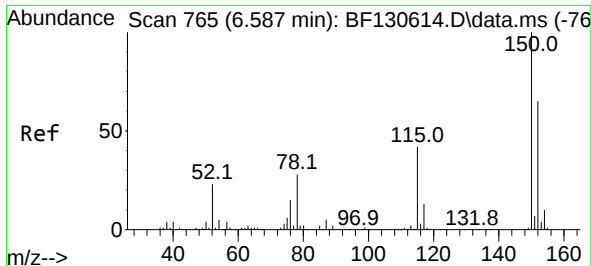
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 14 06:02:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

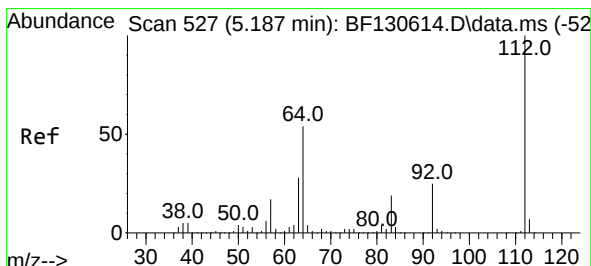
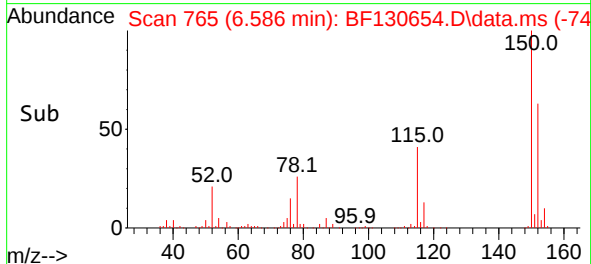
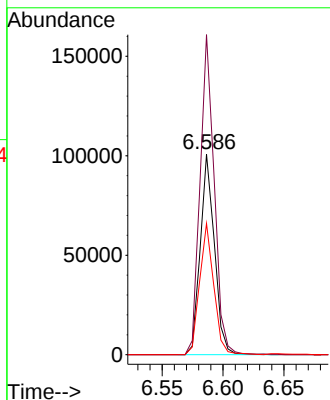
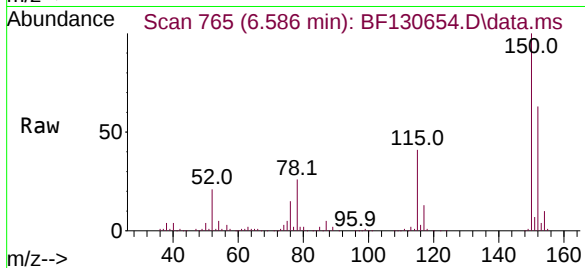




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.001 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

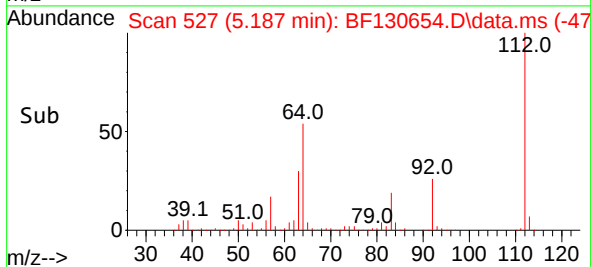
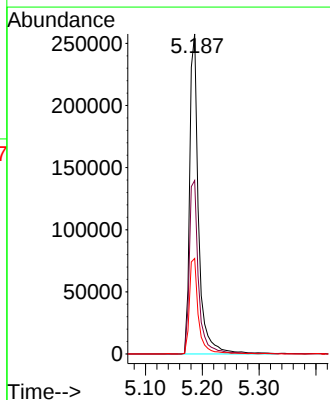
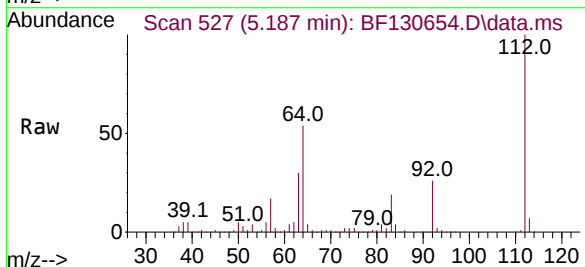
Instrument :
BNA_F
ClientSampleId :
VNJ-217

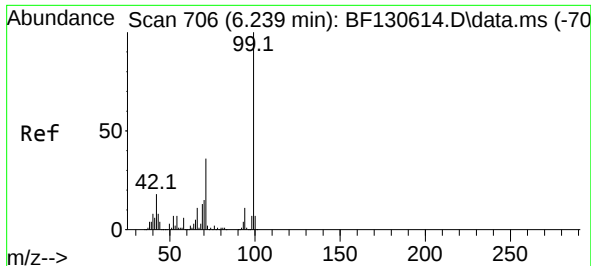
Tgt Ion:152 Resp: 81614
Ion Ratio Lower Upper
152 100
150 159.6 123.8 185.6
115 65.5 52.2 78.4



#5
2-Fluorophenol
Concen: 61.763 ng
RT: 5.187 min Scan# 527
Delta R.T. -0.000 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

Tgt Ion:112 Resp: 279646
Ion Ratio Lower Upper
112 100
64 54.2 43.5 65.3
63 29.8 22.6 34.0

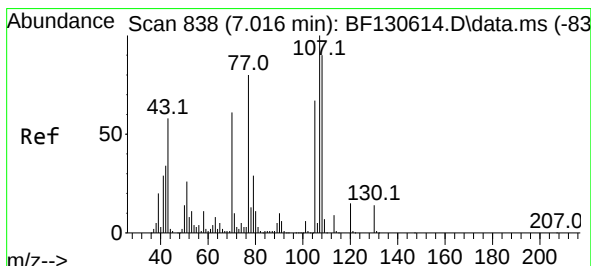
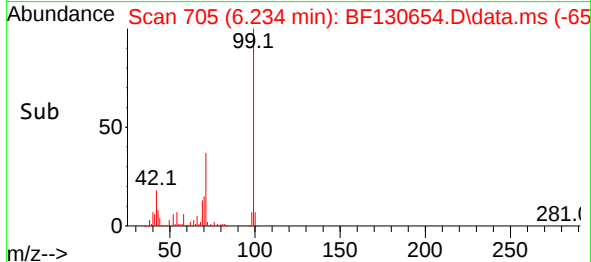
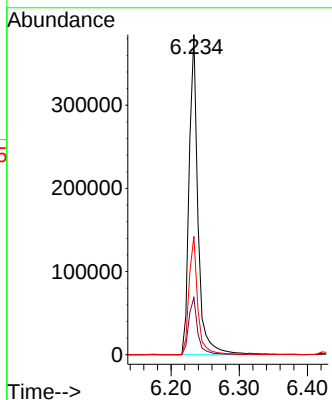
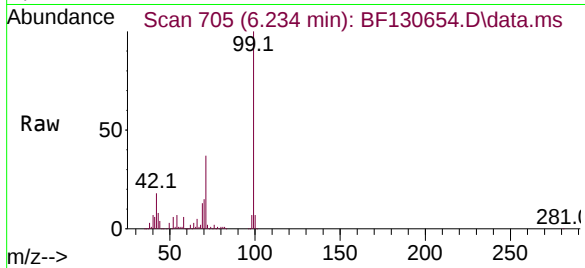




#7
Phenol-d6
Concen: 60.601 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

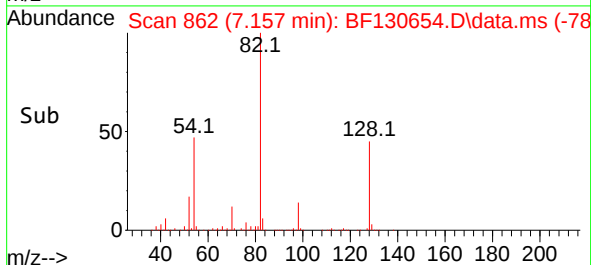
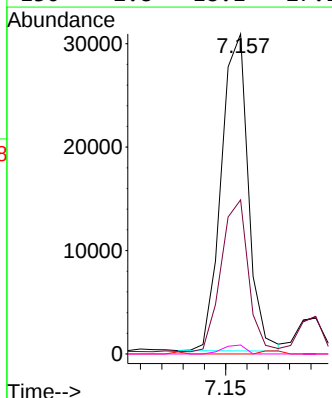
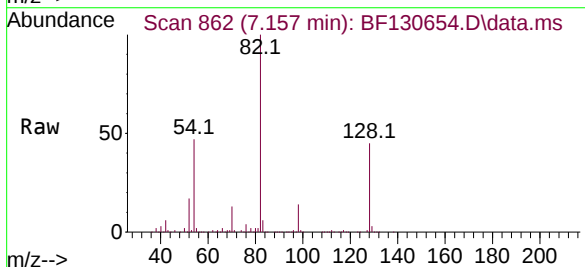
Instrument :
BNA_F
ClientSampleId :
VNJ-217

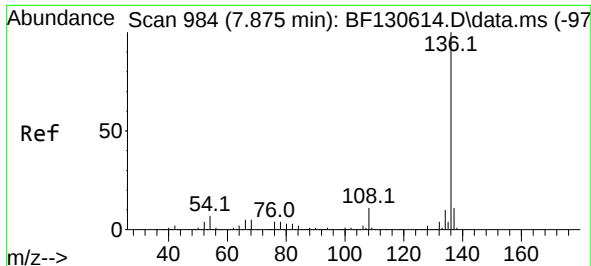
Tgt Ion: 99 Resp: 344975
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.359 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

Tgt Ion: 70 Resp: 27027
Ion Ratio Lower Upper
70 100
42 48.1 44.3 66.5
101 0.0 7.9 11.9#
130 2.8 18.1 27.1#

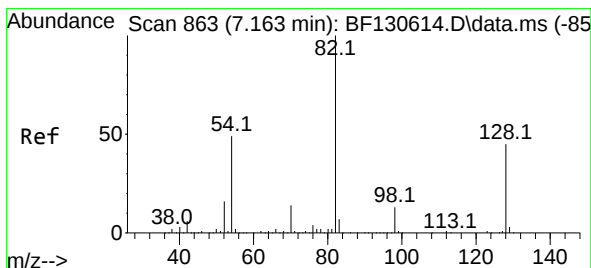
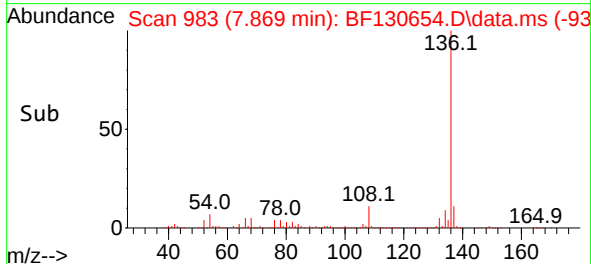
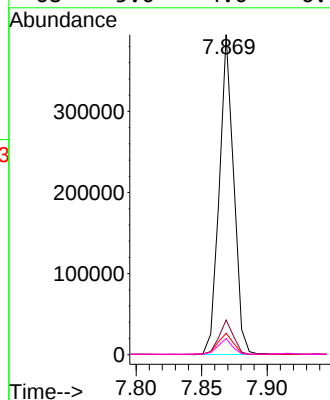
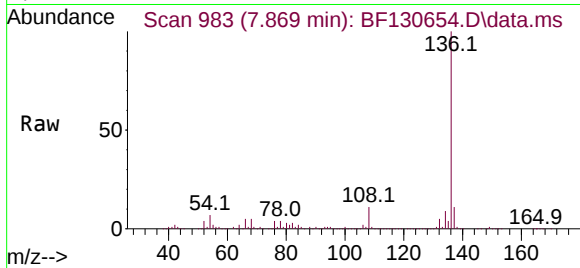




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

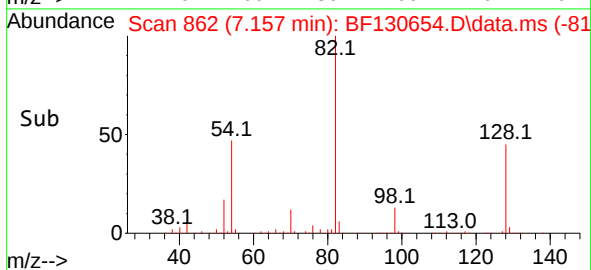
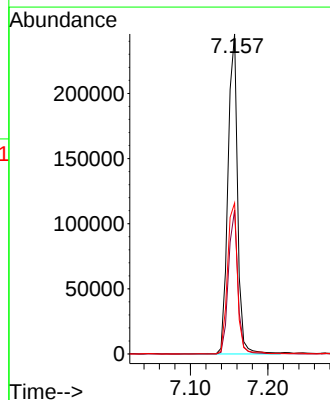
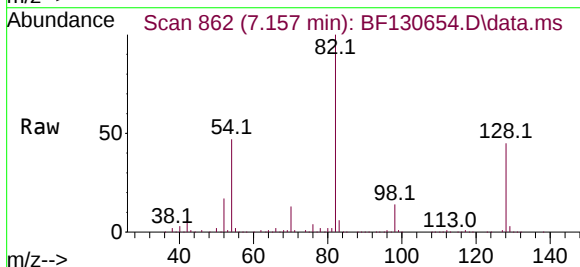
Instrument :
BNA_F
ClientSampleId :
VNJ-217

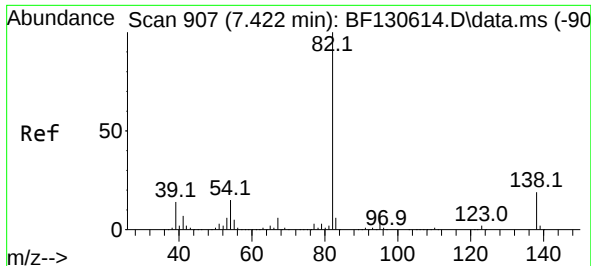
Tgt Ion:136 Resp: 301669
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.7 5.5 8.3
68 5.0 4.0 6.0



#23
Nitrobenzene-d5
Concen: 38.332 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

Tgt Ion: 82 Resp: 211821
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.6
54 47.1 39.3 58.9

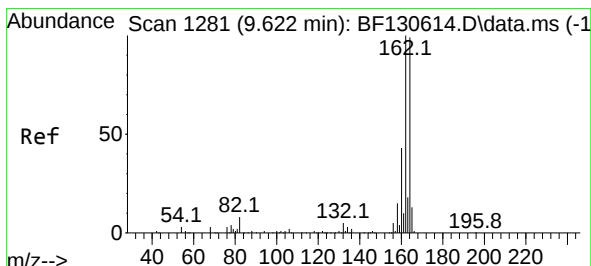
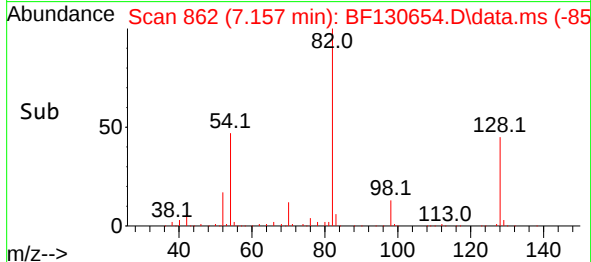
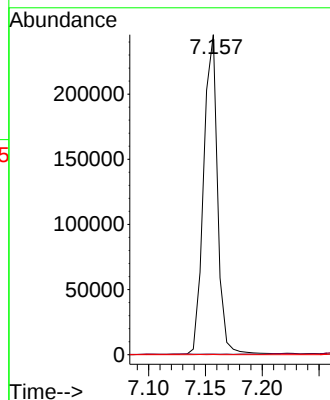
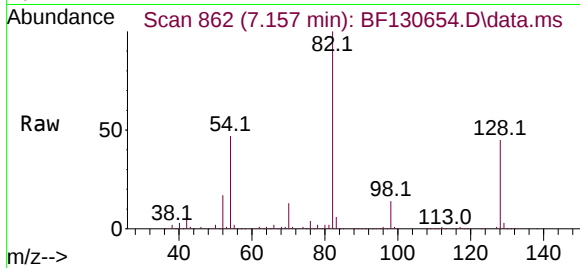




#25
Isophorone
Concen: 22.820 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

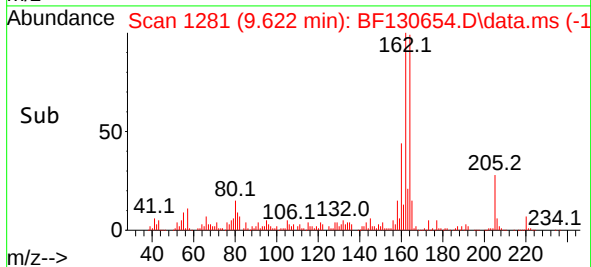
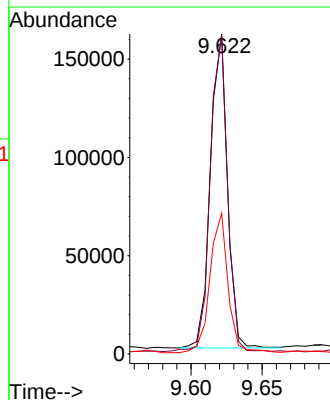
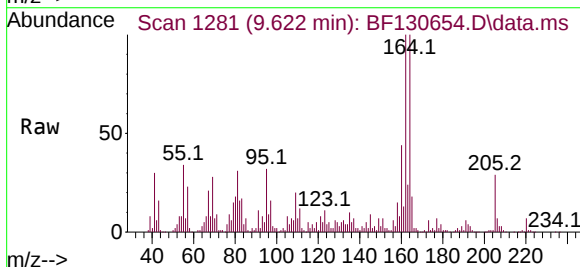
Instrument :
BNA_F
ClientSampleId :
VNJ-217

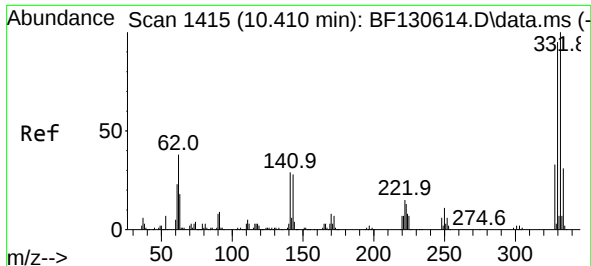
Tgt Ion: 82 Resp: 209881
Ion Ratio Lower Upper
82 100
95 0.2 6.1 9.1#
138 0.1 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

Tgt Ion:164 Resp: 133995
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 57.951 ng

RT: 10.416 min Scan# 1415

Delta R.T. 0.006 min

Lab File: BF130654.D

Acq: 13 Oct 2022 19:00

Instrument :

BNA_F

ClientSampleId :

VNJ-217

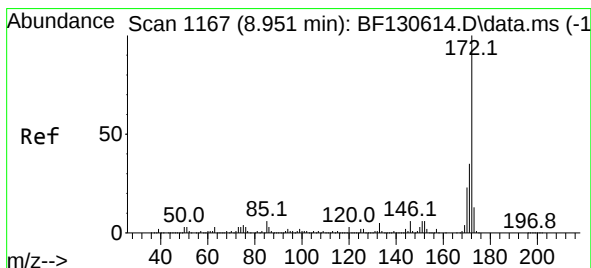
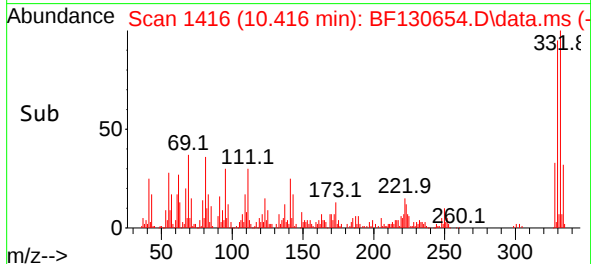
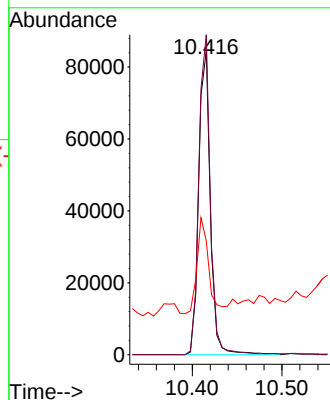
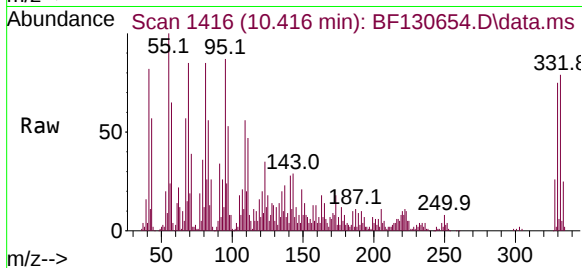
Tgt Ion:330 Resp: 75981

Ion Ratio Lower Upper

330 100

332 105.1 84.2 126.4

141 31.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 43.127 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130654.D

Acq: 13 Oct 2022 19:00

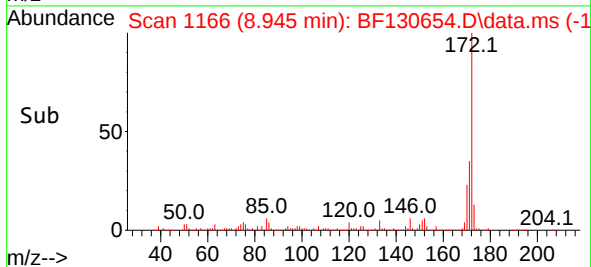
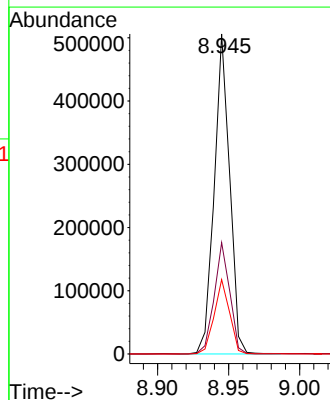
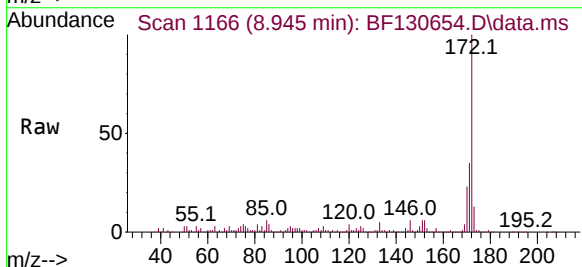
Tgt Ion:172 Resp: 381507

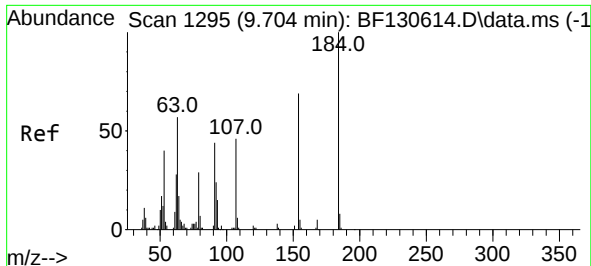
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.3 18.6 27.8

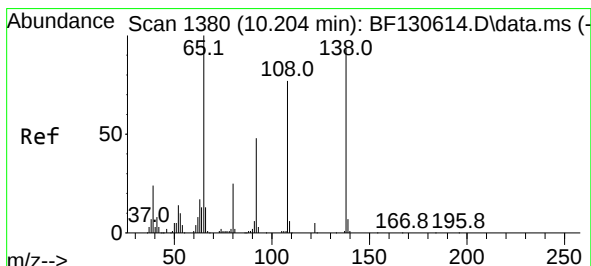
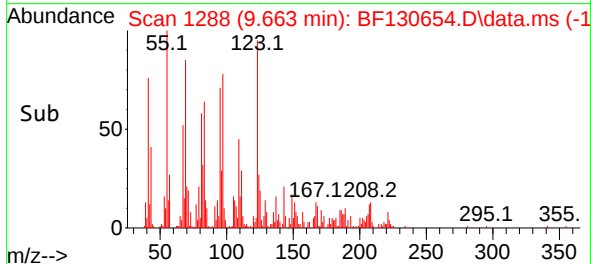
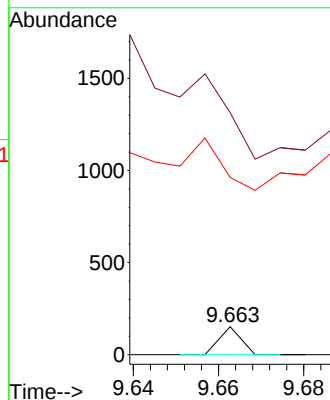
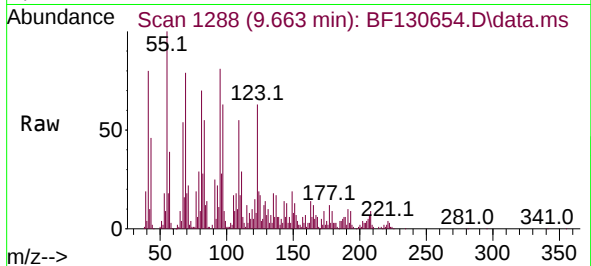




#54
2,4-Dinitrophenol
Concen: 5.022 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

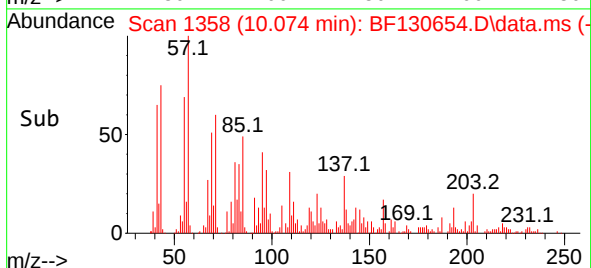
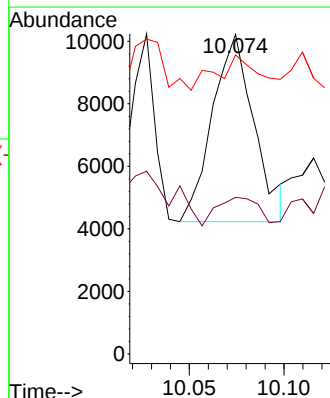
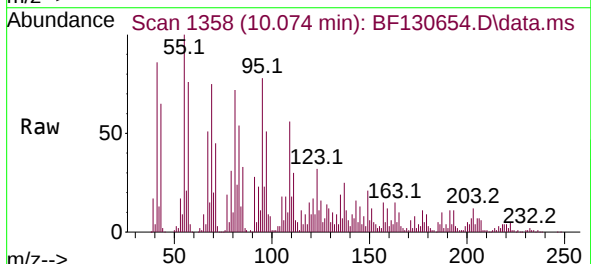
Instrument :
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VNJ-217

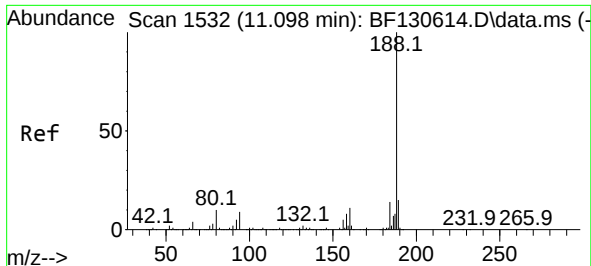
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 864.5 45.5 68.3#
154 632.9 55.1 82.7#



#62
4-Nitroaniline
Concen: 4.301 ng
RT: 10.074 min Scan# 1358
Delta R.T. -0.130 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

Tgt Ion:138 Resp: 9159
Ion Ratio Lower Upper
138 100
92 49.0 31.1 71.1
108 93.6 62.1 102.1

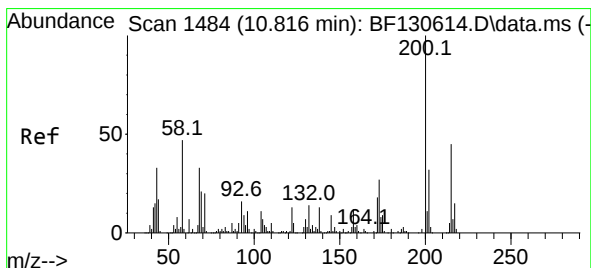
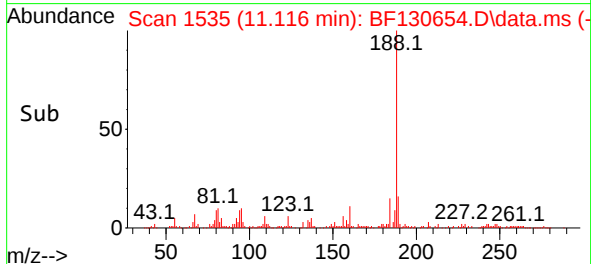
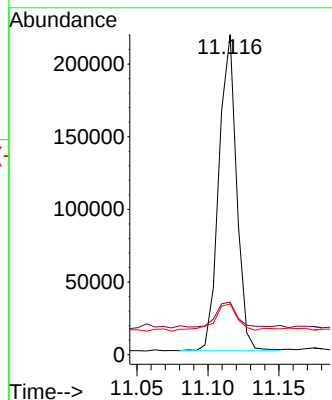
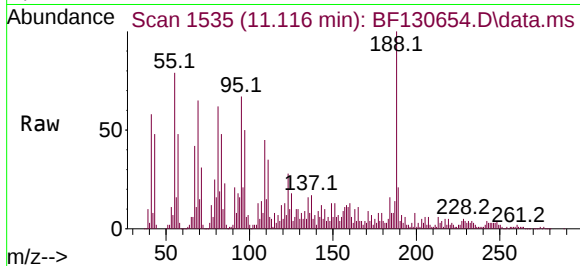




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

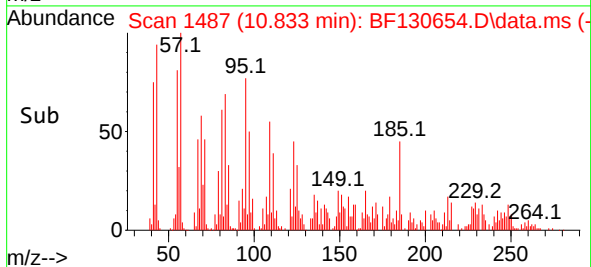
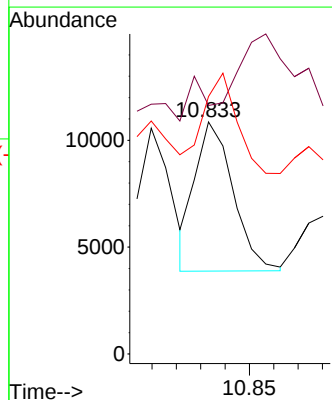
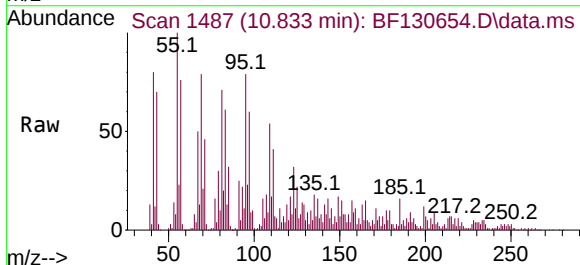
Instrument :
BNA_F
ClientSampleId :
VNJ-217

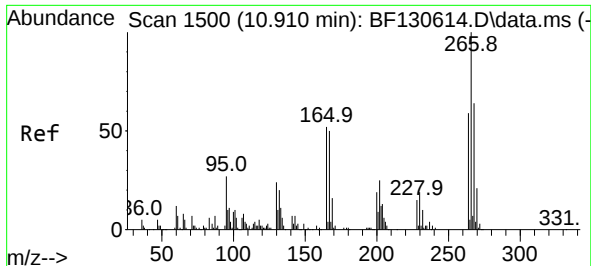
Tgt Ion:188 Resp: 188108
Ion Ratio Lower Upper
188 100
94 16.4 7.4 11.2#
80 15.8 8.0 12.0#



#69
Atrazine
Concen: 4.466 ng
RT: 10.833 min Scan# 1487
Delta R.T. 0.018 min
Lab File: BF130654.D
Acq: 13 Oct 2022 19:00

Tgt Ion:200 Resp: 7609
Ion Ratio Lower Upper
200 100
173 107.1 7.1 47.1#
215 110.9 24.9 64.9#

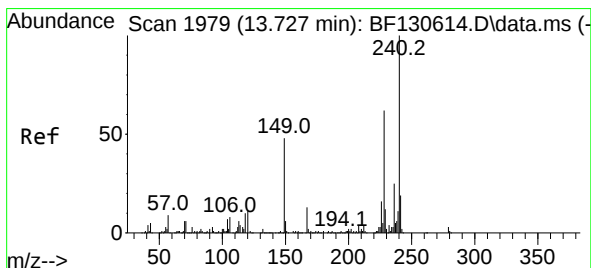
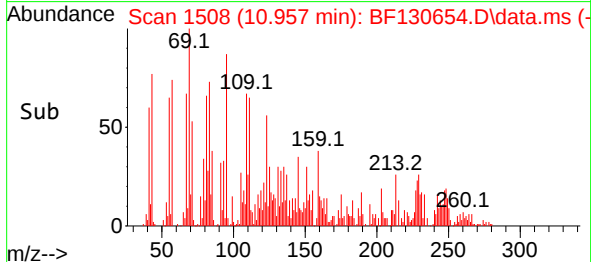
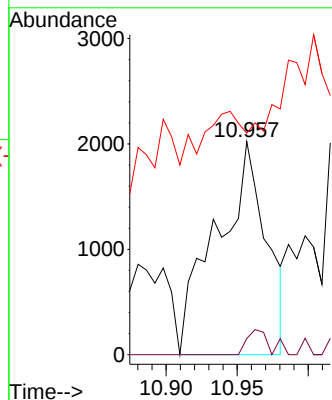
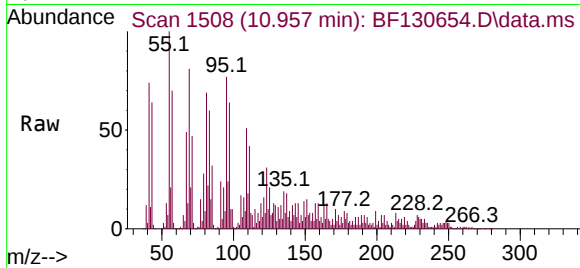




#70
 Pentachlorophenol
 Concen: 5.236 ng
 RT: 10.957 min Scan# 11
 Delta R.T. 0.047 min
 Lab File: BF130654.D
 Acq: 13 Oct 2022 19:00

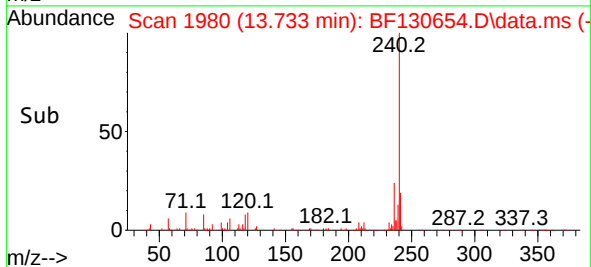
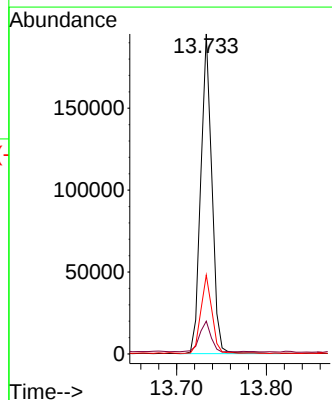
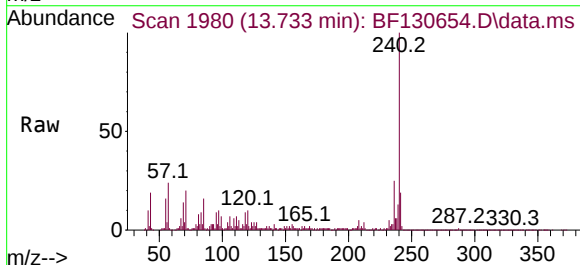
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217

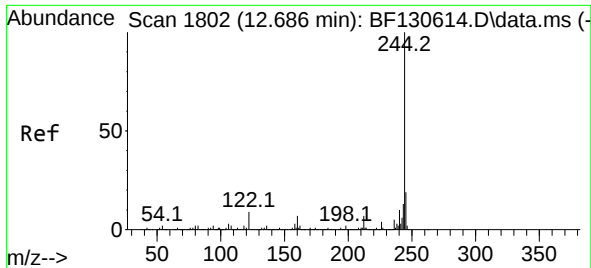
Tgt Ion:266 Resp: 4903
 Ion Ratio Lower Upper
 266 100
 268 7.6 50.8 76.2#
 264 103.9 47.5 71.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.733 min Scan# 1980
 Delta R.T. 0.006 min
 Lab File: BF130654.D
 Acq: 13 Oct 2022 19:00

Tgt Ion:240 Resp: 166874
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.6 13.0
 236 24.7 20.2 30.4

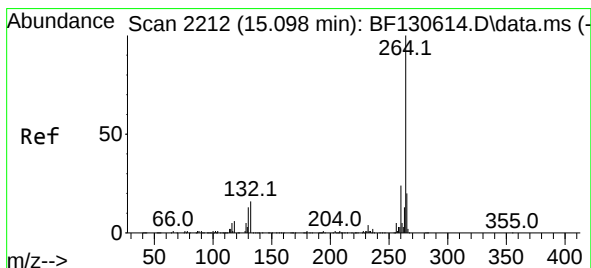
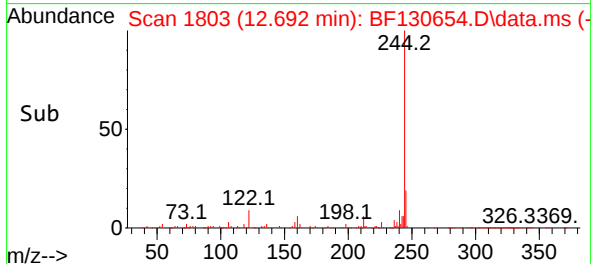
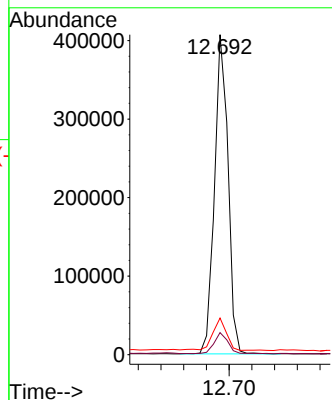
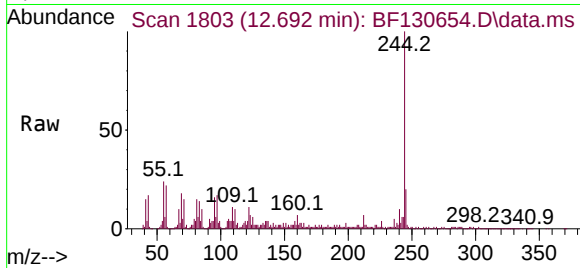




#79
 Terphenyl-d14
 Concen: 33.488 ng
 RT: 12.692 min Scan# 1803
 Delta R.T. 0.006 min
 Lab File: BF130654.D
 Acq: 13 Oct 2022 19:00

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217

Tgt Ion:244 Resp: 336693
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.5 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.104 min Scan# 2213
 Delta R.T. 0.006 min
 Lab File: BF130654.D
 Acq: 13 Oct 2022 19:00

Tgt Ion:264 Resp: 186264
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.9 16.4 24.6

