

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137157.D
 Acq On : 25 Jan 2024 20:00
 Operator : CG\JU
 Sample : P1240-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Jan 26 10:17:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	70577	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	266313	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	151503	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	287948	20.000	ng	0.00
76) Chrysene-d12	13.986	240	184456	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	170421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	555376	116.583	ng	0.01
7) Phenol-d6	6.440	99	664831	106.144	ng	0.00
23) Nitrobenzene-d5	7.369	82	502309	88.420	ng	-0.01
42) 2,4,6-Tribromophenol	10.634	330	222657	139.710	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	902463	82.928	ng	0.00
79) Terphenyl-d14	12.939	244	1094398	84.842	ng	0.00

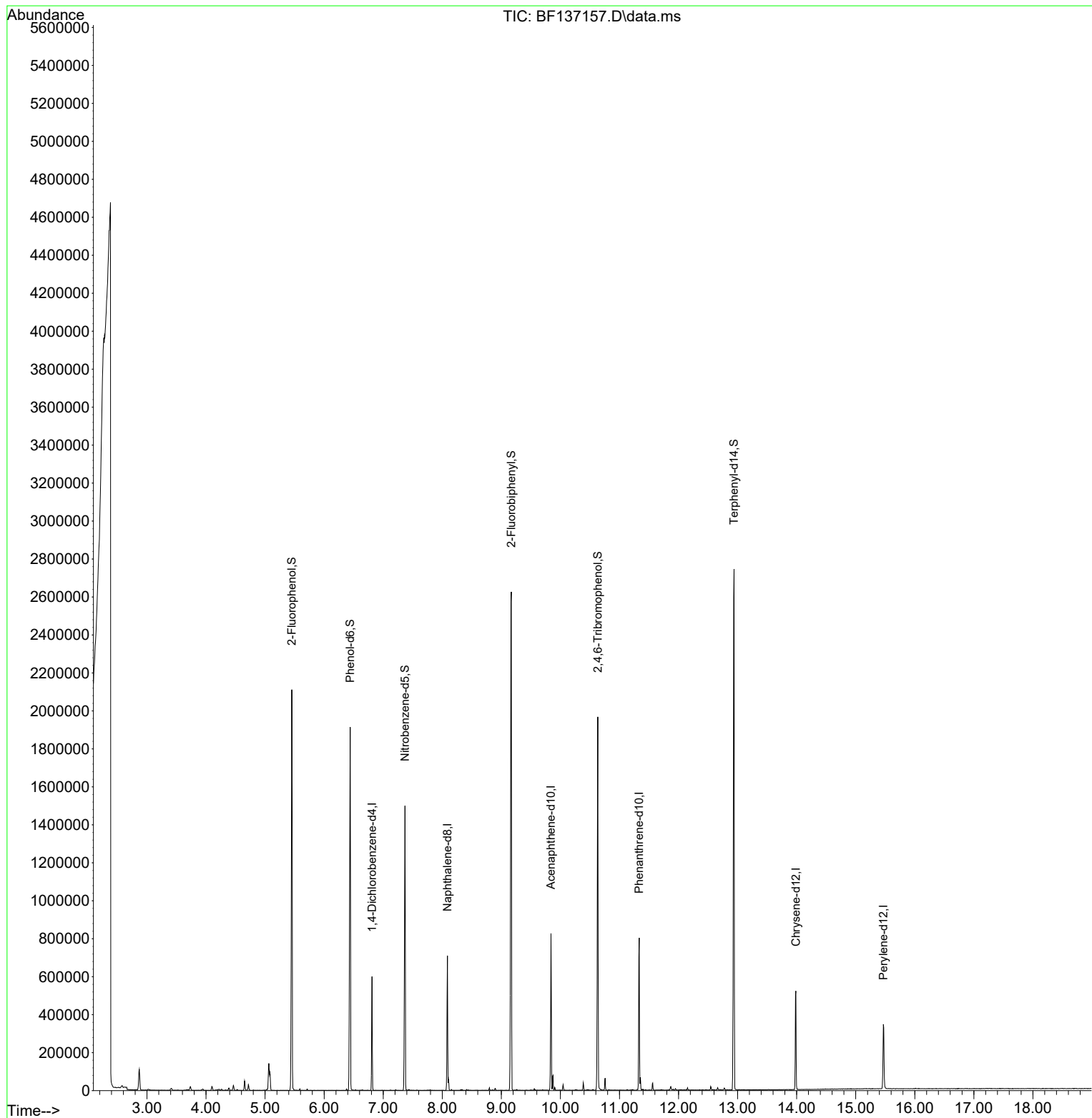
Target Compounds	Qvalue

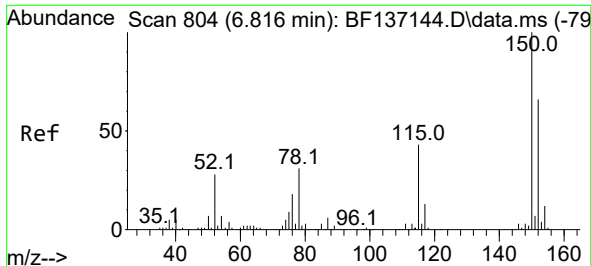
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
Data File : BF137157.D
Acq On : 25 Jan 2024 20:00
Operator : CG\JU
Sample : P1240-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-223

Quant Time: Jan 26 10:17:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 23:14:32 2024
Response via : Initial Calibration

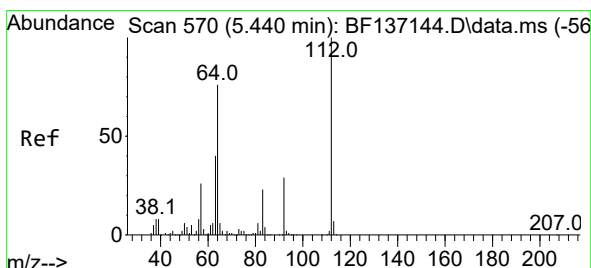
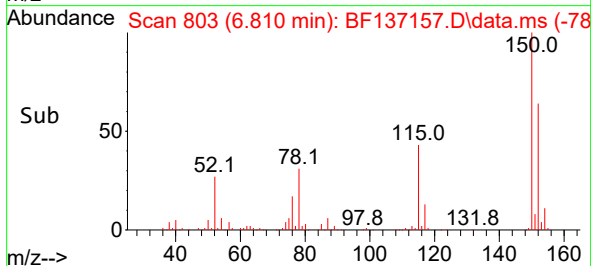
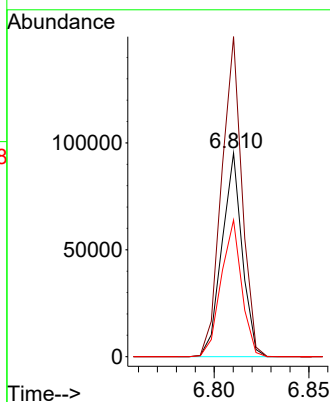
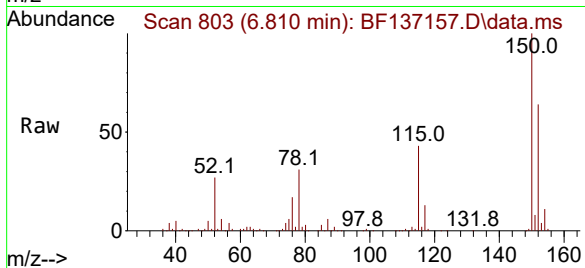




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

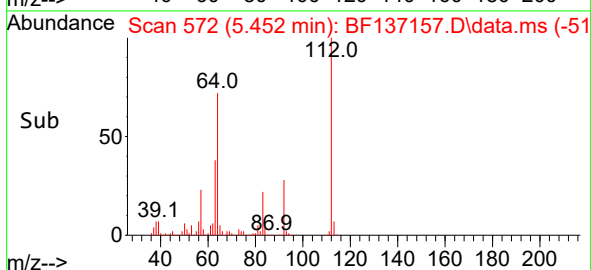
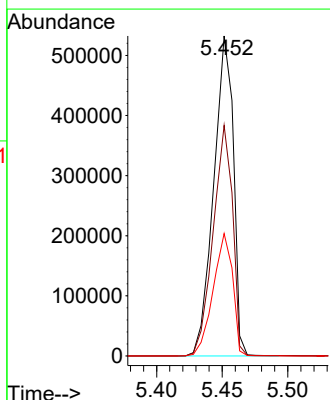
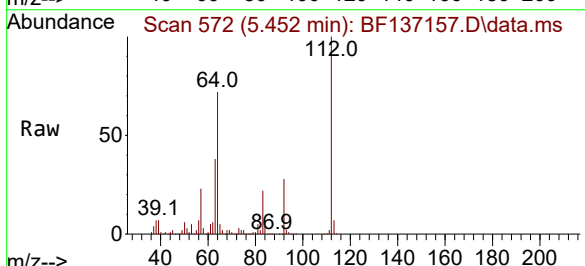
Instrument :
BNA_F
ClientSampleId :
VNJ-223

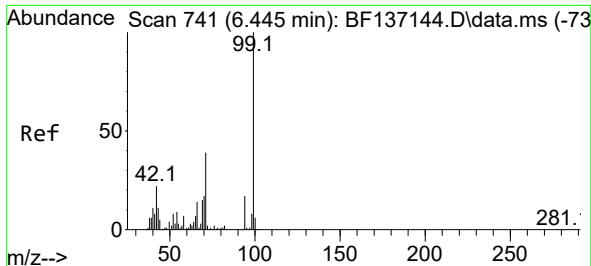
Tgt Ion:152 Resp: 70577
Ion Ratio Lower Upper
152 100
150 157.1 121.2 181.8
115 67.1 52.5 78.7



#5
2-Fluorophenol
Concen: 116.583 ng
RT: 5.452 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion:112 Resp: 555376
Ion Ratio Lower Upper
112 100
64 72.1 60.8 91.2
63 38.3 32.1 48.1

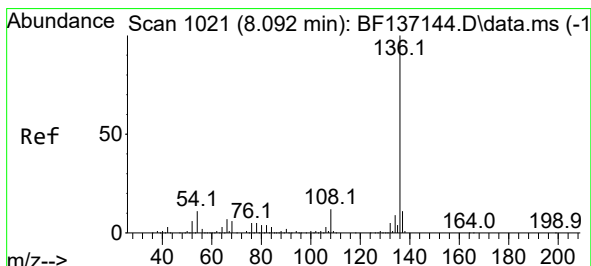
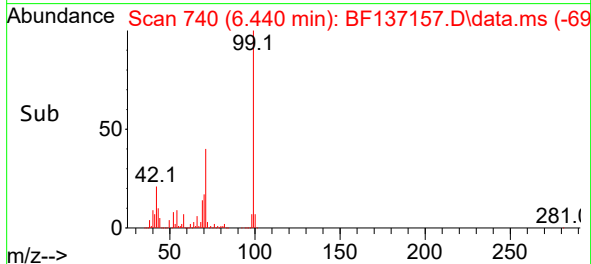
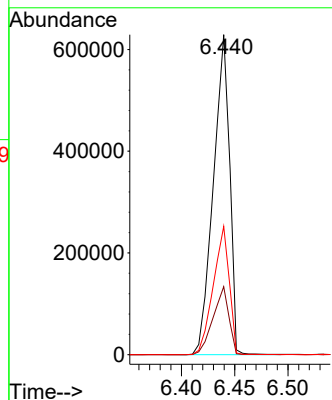
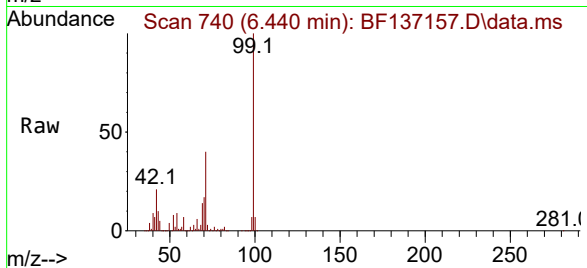




#7
Phenol-d6
Concen: 106.144 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

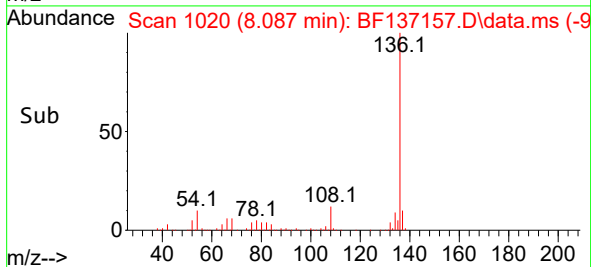
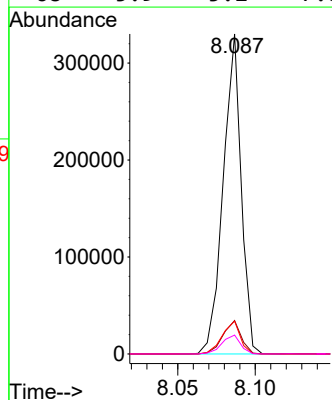
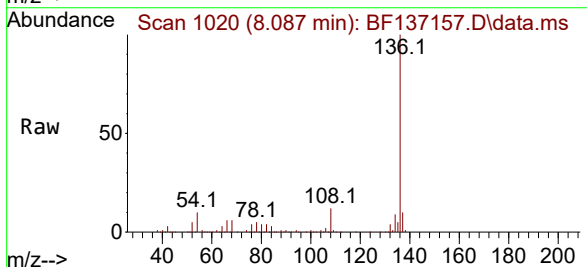
Instrument :
BNA_F
ClientSampleId :
VNJ-223

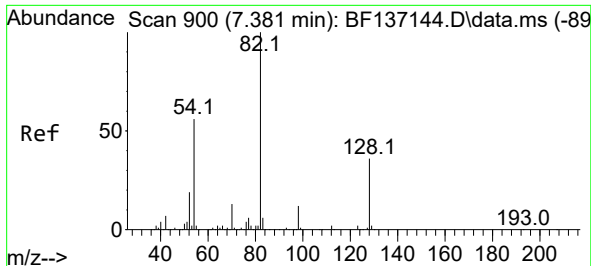
Tgt Ion: 99 Resp: 664831
Ion Ratio Lower Upper
99 100
42 21.2 17.5 26.3
71 40.1 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion:136 Resp: 266313
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 10.3 8.8 13.2
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 88.420 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

Instrument :

BNA_F

ClientSampleId :

VNJ-223

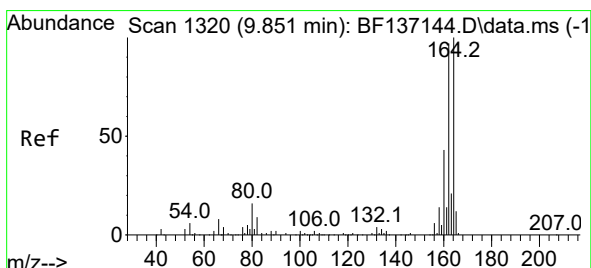
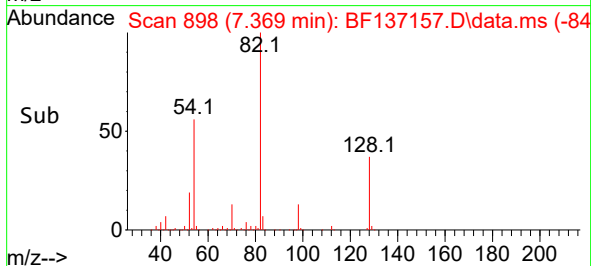
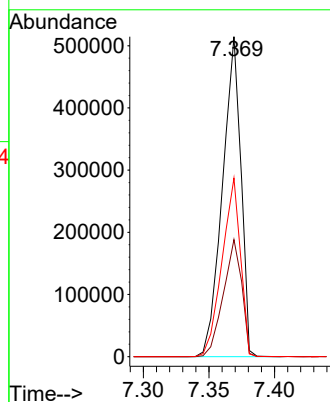
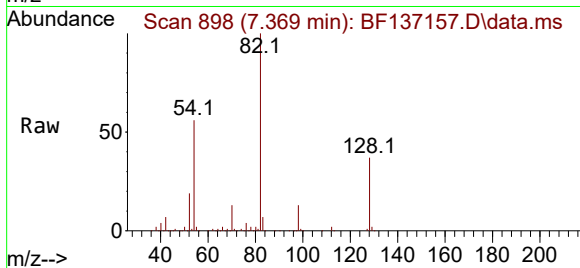
Tgt Ion: 82 Resp: 502309

Ion Ratio Lower Upper

82 100

128 36.6 29.0 43.6

54 55.8 44.6 67.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.012 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

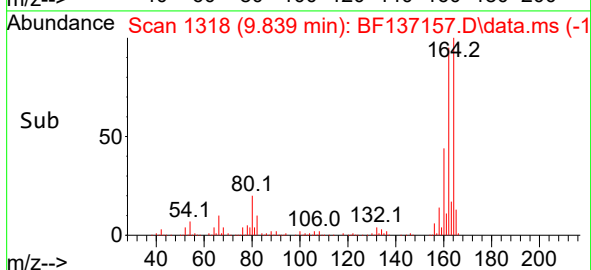
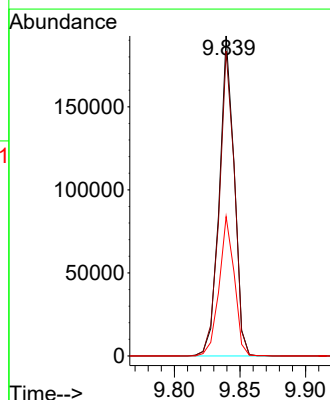
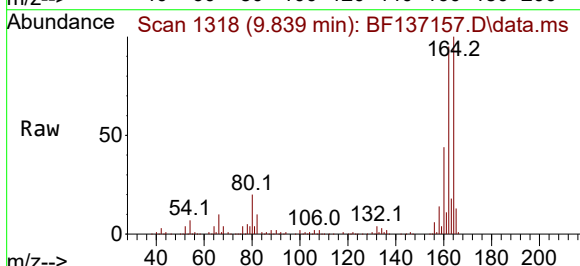
Tgt Ion: 164 Resp: 151503

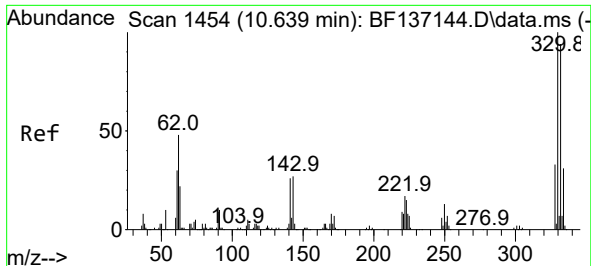
Ion Ratio Lower Upper

164 100

162 95.3 77.5 116.3

160 43.6 34.7 52.1

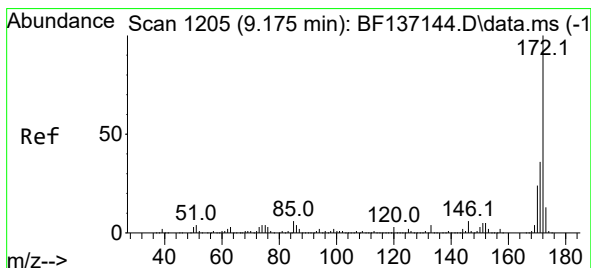
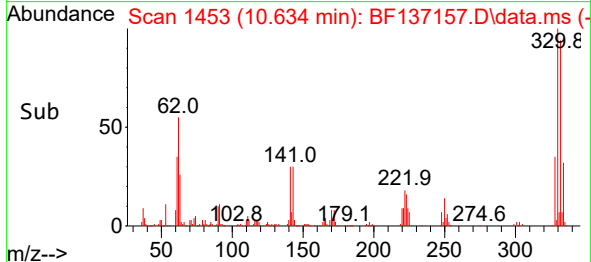
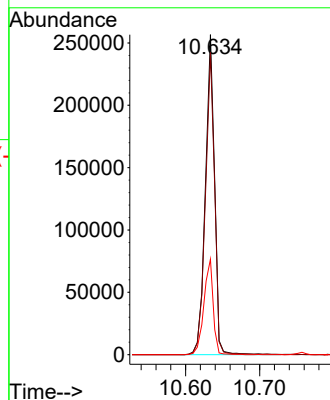
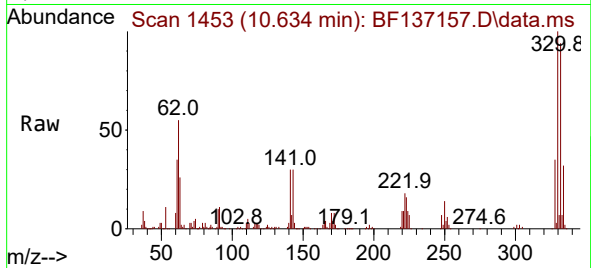




#42
2,4,6-Tribromophenol
Concen: 139.710 ng
RT: 10.634 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

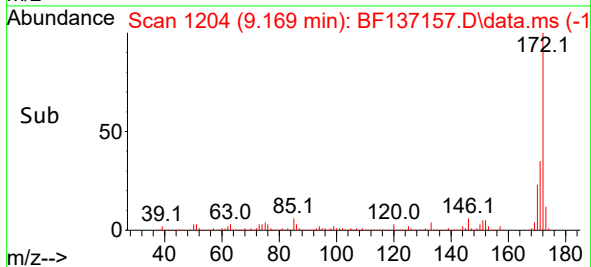
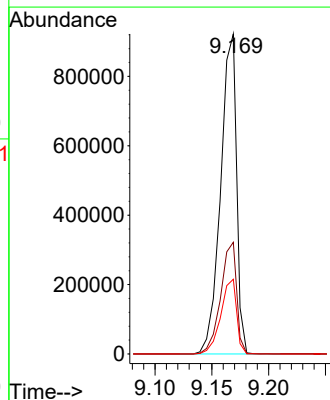
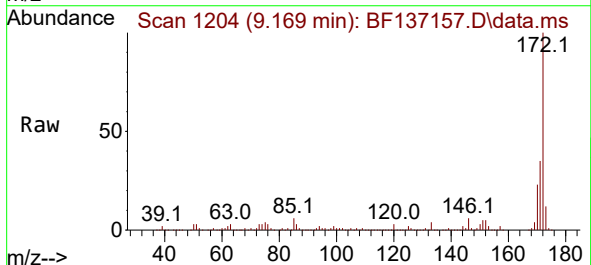
Instrument :
BNA_F
ClientSampleId :
VNJ-223

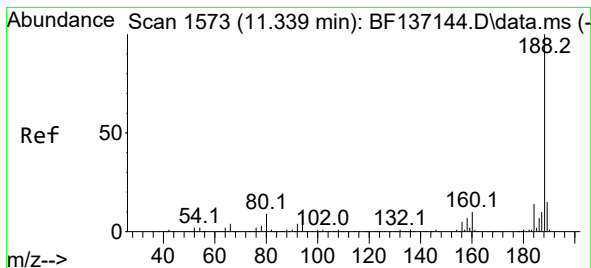
Tgt Ion:330 Resp: 222657
Ion Ratio Lower Upper
330 100
332 94.7 75.4 113.0
141 30.2 24.8 37.2



#45
2-Fluorobiphenyl
Concen: 82.928 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion:172 Resp: 902463
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

Instrument :

BNA_F

ClientSampleId :

VNJ-223

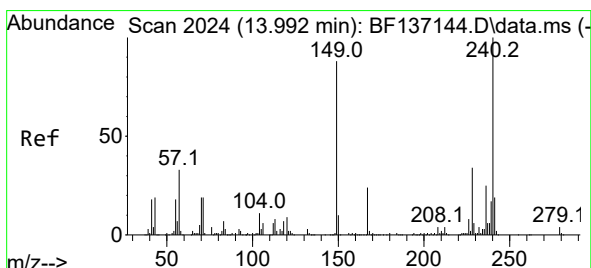
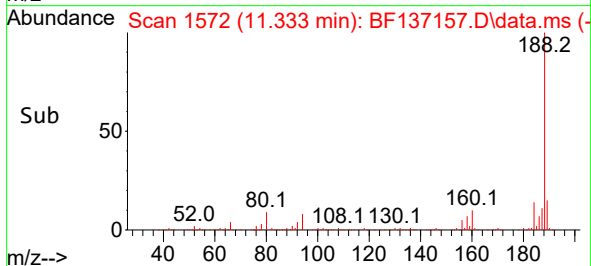
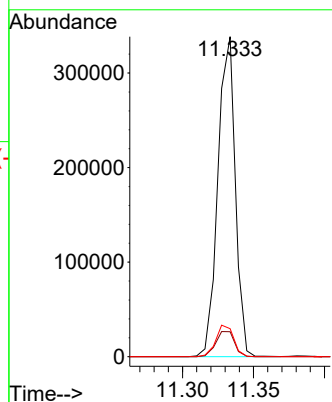
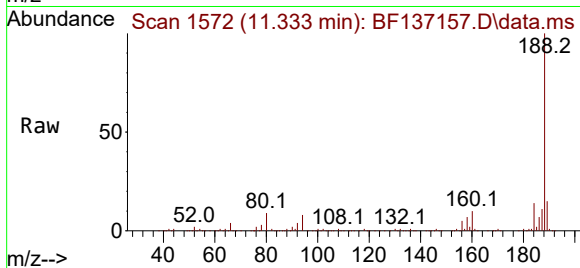
Tgt Ion:188 Resp: 287948

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.7 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

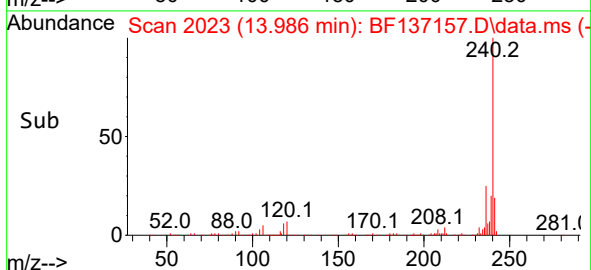
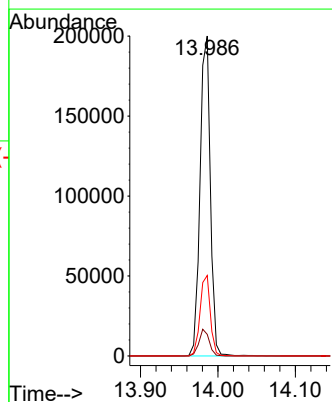
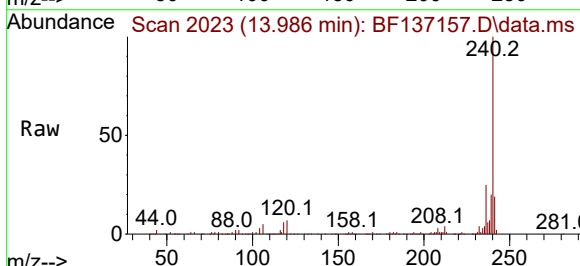
Tgt Ion:240 Resp: 184456

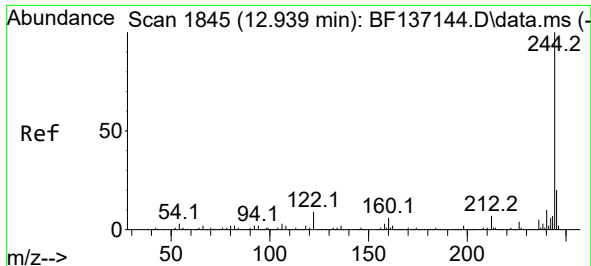
Ion Ratio Lower Upper

240 100

120 6.7 6.9 10.3#

236 25.2 20.4 30.6

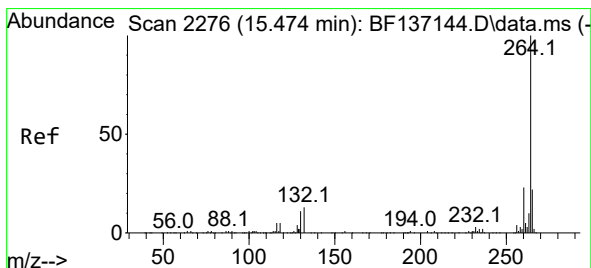
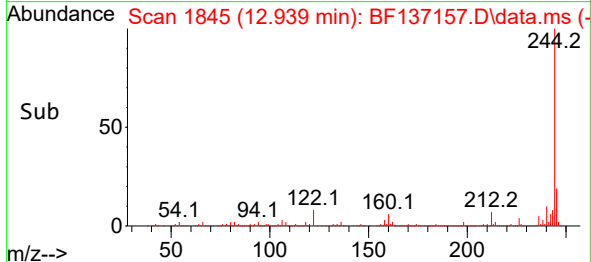
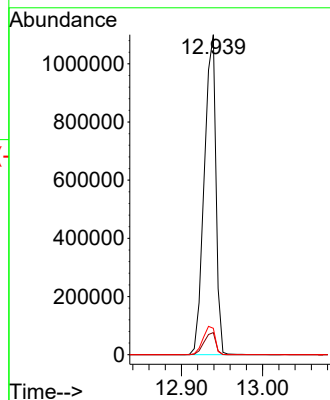
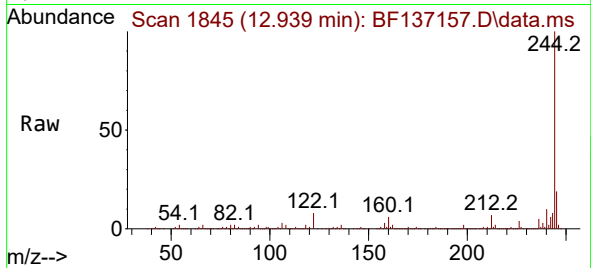




#79
 Terphenyl-d14
 Concen: 84.842 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137157.D
 Acq: 25 Jan 2024 20:00

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tgt Ion:244 Resp: 1094398
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.2 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF137157.D
 Acq: 25 Jan 2024 20:00

Tgt Ion:264 Resp: 170421
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.1 17.2 25.8

