

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137642.D
 Acq On : 19 Mar 2024 12:13
 Operator : CG\JU
 Sample : PB159643BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BL

Quant Time: Mar 19 12:32:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	211538	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	817624	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	436011	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	756396	20.000	ng	0.00
76) Chrysene-d12	13.874	240	467146	20.000	ng	0.00
86) Perylene-d12	15.298	264	399215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1612405	115.443	ng	0.02
7) Phenol-d6	6.369	99	2135184	105.906	ng	0.00
23) Nitrobenzene-d5	7.292	82	1367131	77.692	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	495198	129.331	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2182768	78.365	ng	0.00
79) Terphenyl-d14	12.833	244	2414667	71.079	ng	0.00

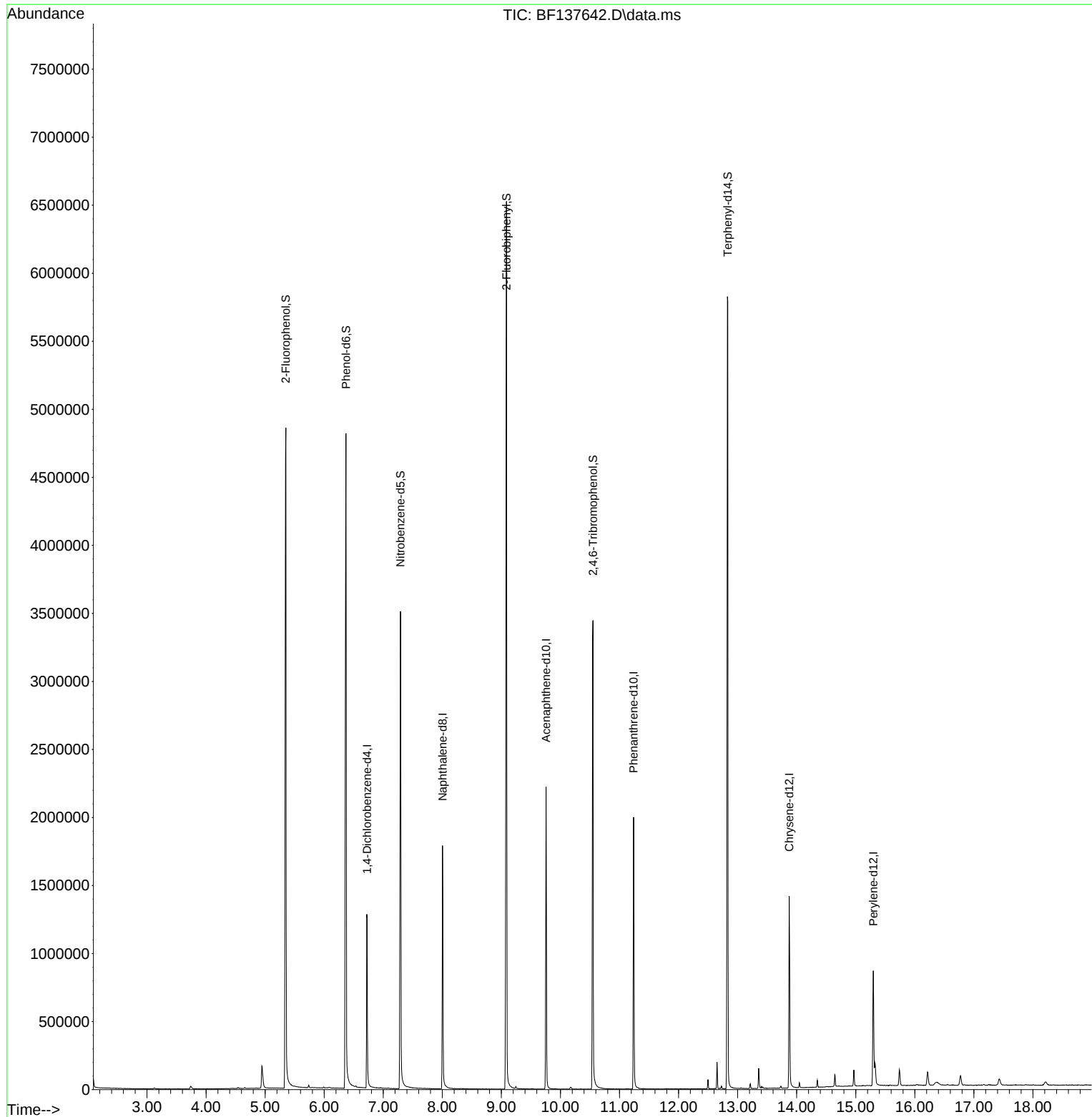
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
Data File : BF137642.D
Acq On : 19 Mar 2024 12:13
Operator : CG\JU
Sample : PB159643BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159643BL

Quant Time: Mar 19 12:32:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

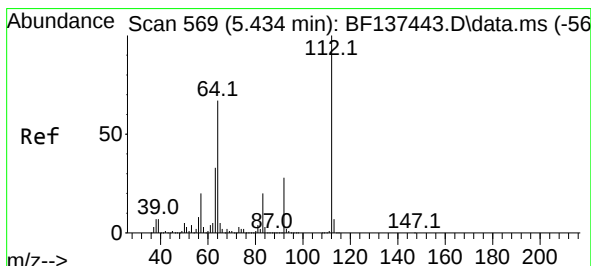
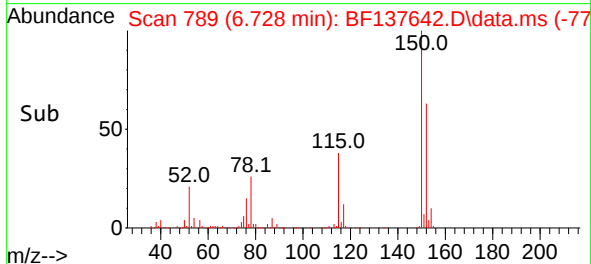
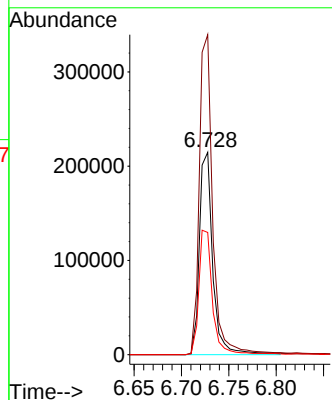
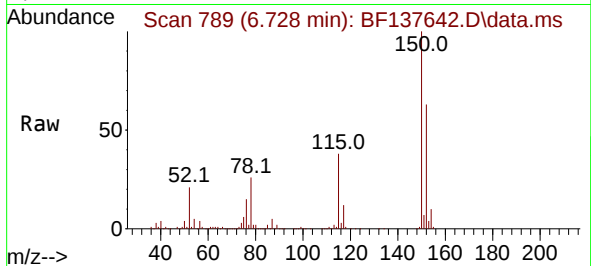




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

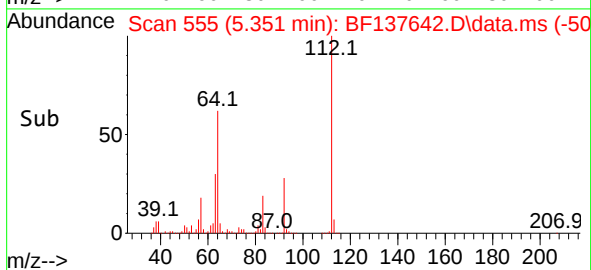
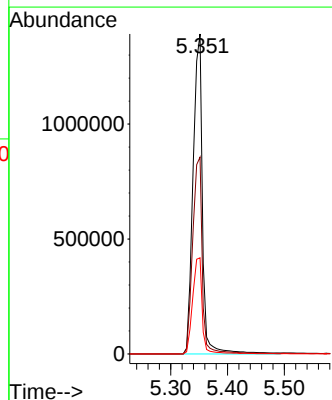
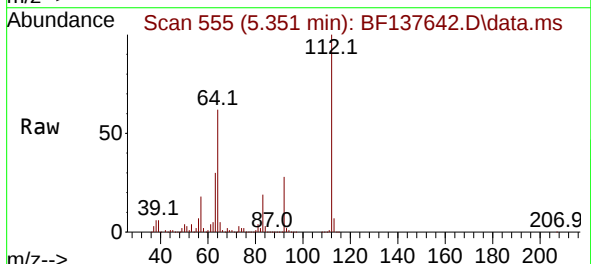
Instrument :
BNA_F
ClientSampleId :
PB159643BL

Tgt Ion:152 Resp: 211538
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 60.3 48.8 73.2



#5
2-Fluorophenol
Concen: 115.443 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:112 Resp: 1612405
Ion Ratio Lower Upper
112 100
64 61.5 53.4 80.2
63 30.0 26.2 39.2





#7
Phenol-d6
Concen: 105.906 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

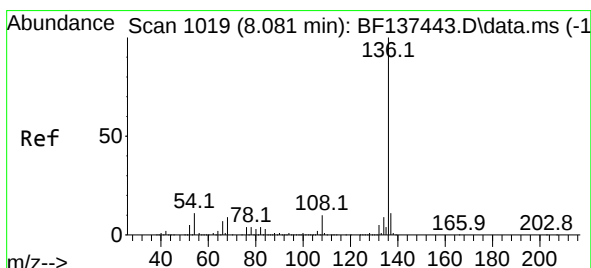
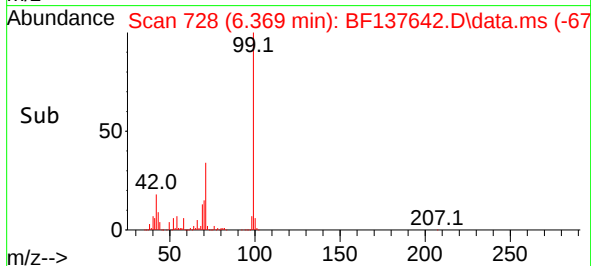
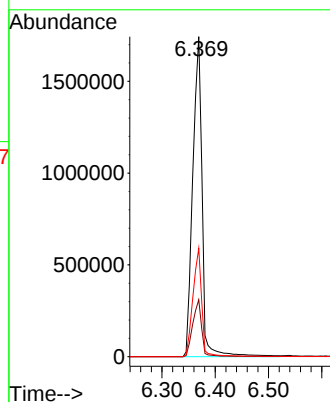
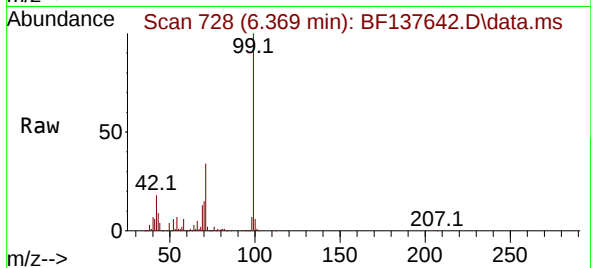
Instrument :

BNA_F

ClientSampleId :

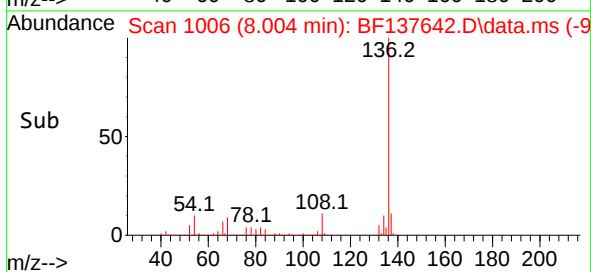
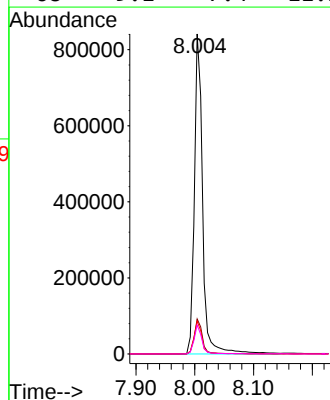
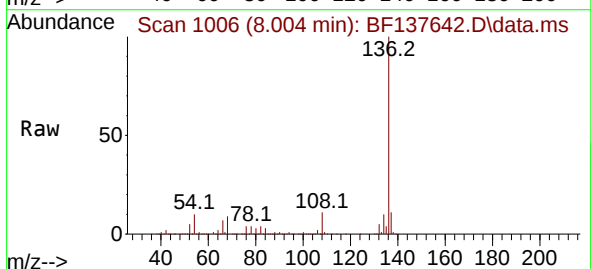
PB159643BL

Tgt Ion: 99 Resp: 2135184
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 33.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:136 Resp: 817624
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.3 8.5 12.7
68 9.1 7.4 11.2





#23

Nitrobenzene-d5

Concen: 77.692 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137642.D

Acq: 19 Mar 2024 12:13

Instrument :

BNA_F

ClientSampleId :

PB159643BL

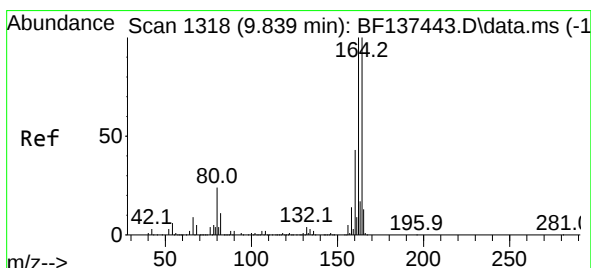
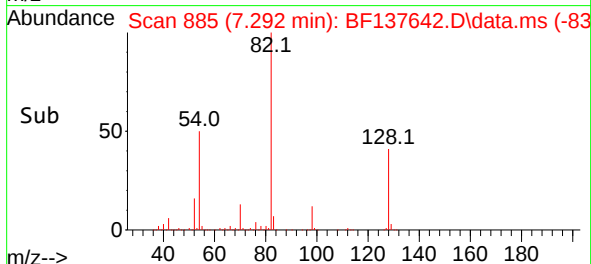
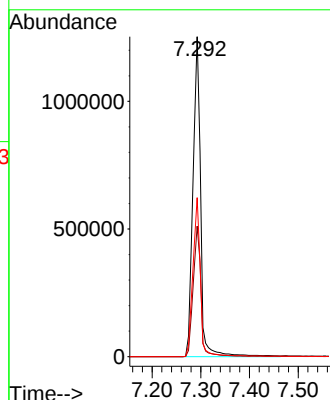
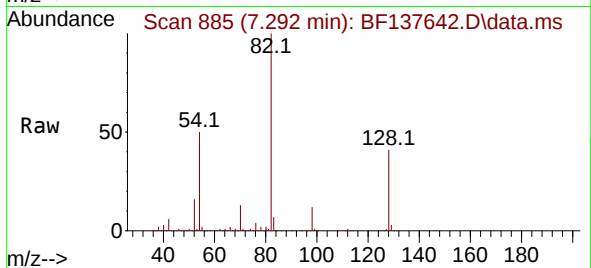
Tgt Ion: 82 Resp: 1367131

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

54 49.7 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137642.D

Acq: 19 Mar 2024 12:13

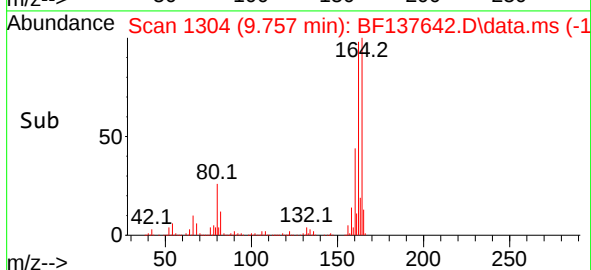
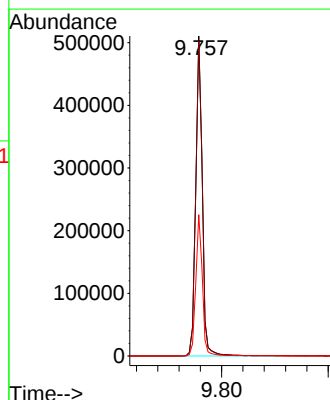
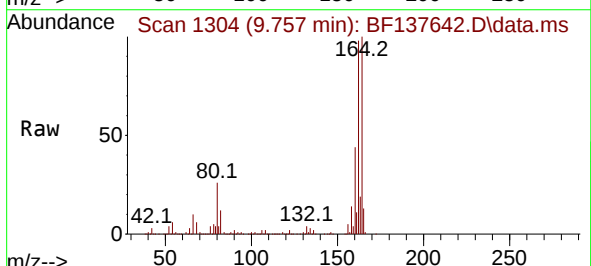
Tgt Ion: 164 Resp: 436011

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 129.331 ng

RT: 10.551 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137642.D

Acq: 19 Mar 2024 12:13

Instrument :

BNA_F

ClientSampleId :

PB159643BL

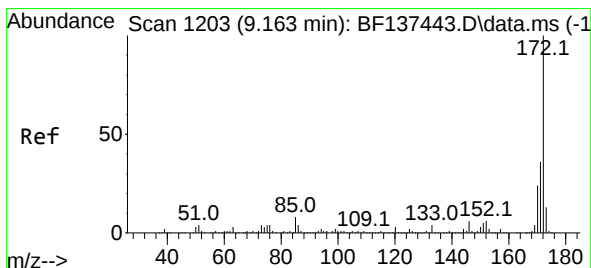
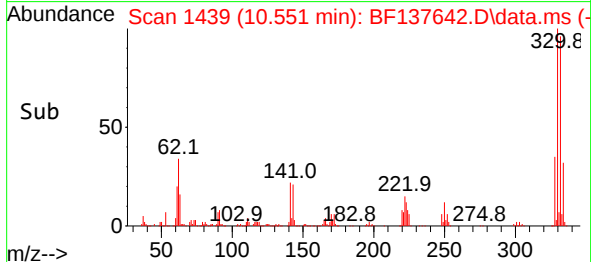
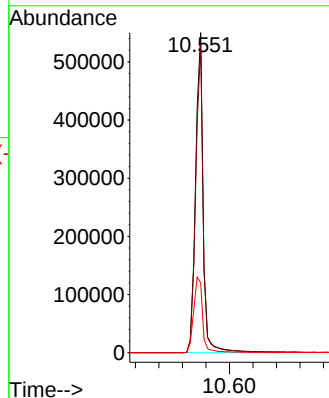
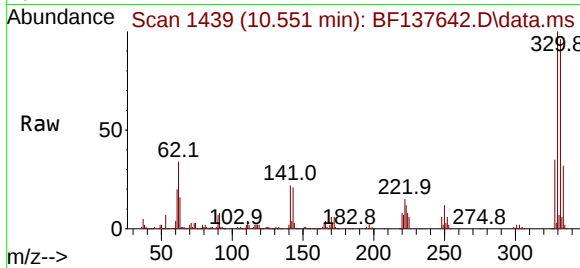
Tgt Ion:330 Resp: 495198

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 28.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 78.365 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137642.D

Acq: 19 Mar 2024 12:13

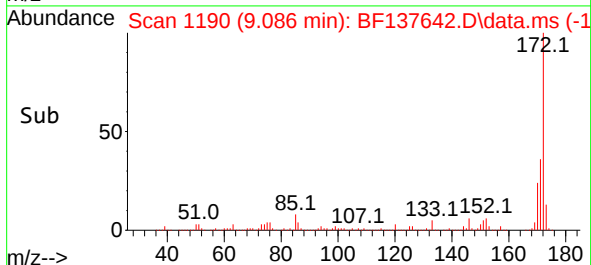
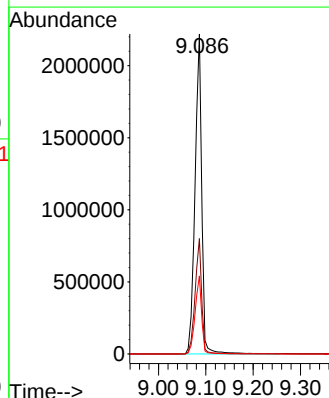
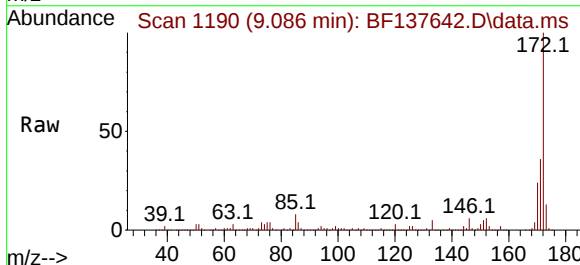
Tgt Ion:172 Resp: 2182768

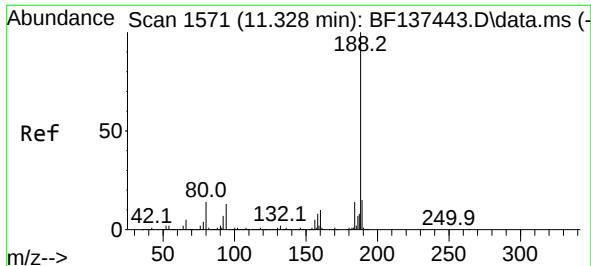
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.4 19.0 28.6

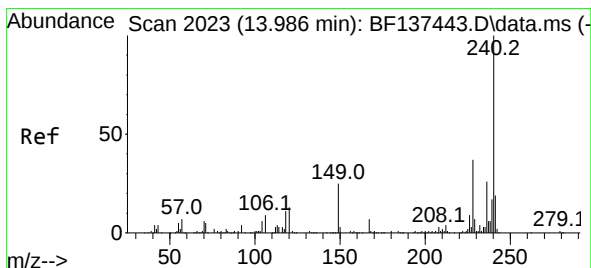
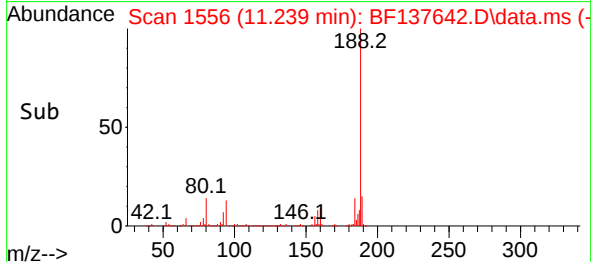
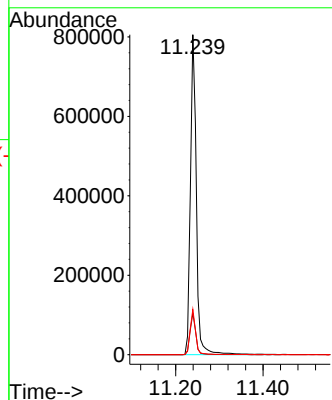
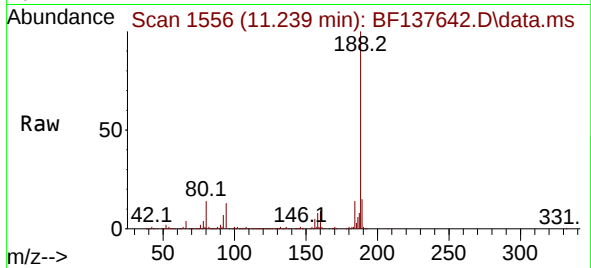




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

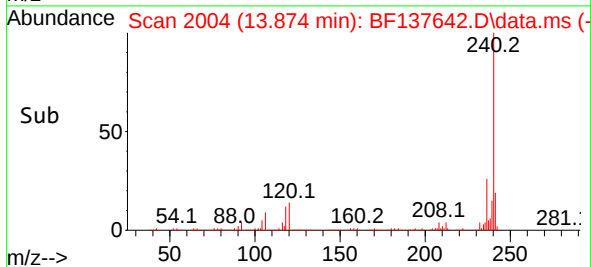
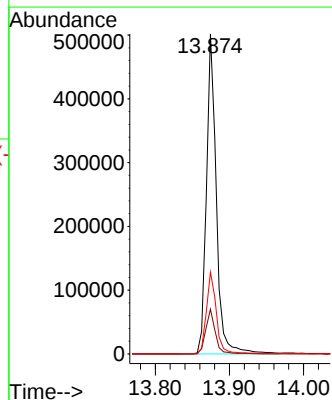
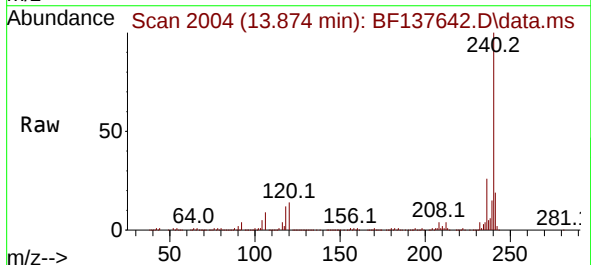
Instrument :
BNA_F
ClientSampleId :
PB159643BL

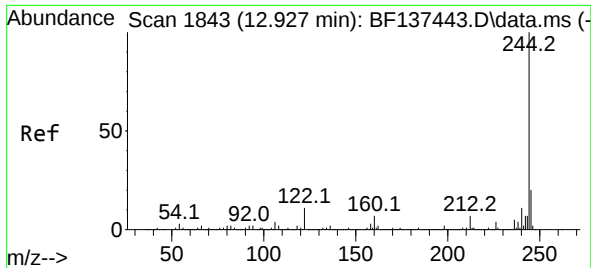
Tgt Ion:188 Resp: 756396
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 14.1 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:240 Resp: 467146
Ion Ratio Lower Upper
240 100
120 14.0 10.4 15.6
236 25.6 20.9 31.3

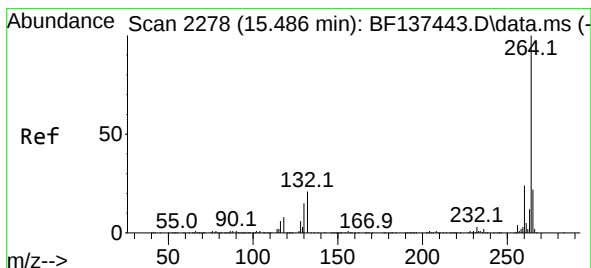
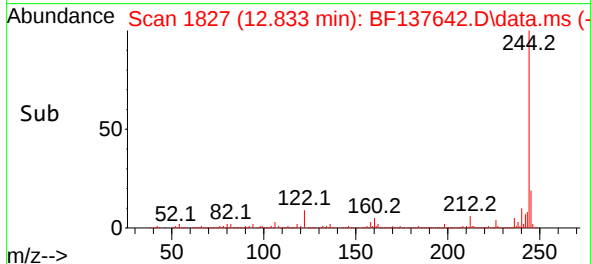
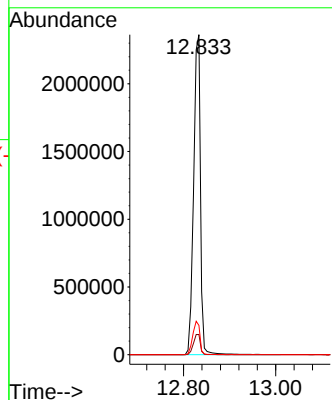
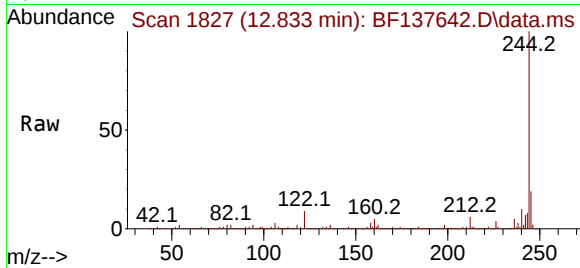




#79
 Terphenyl-d14
 Concen: 71.079 ng
 RT: 12.833 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF137642.D
 Acq: 19 Mar 2024 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BL

Tgt Ion:244 Resp: 2414667
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 9.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF137642.D
 Acq: 19 Mar 2024 12:13

Tgt Ion:264 Resp: 399215
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.0 17.4 26.0

