

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137517.D
 Acq On : 06 Mar 2024 14:25
 Operator : CG\JU
 Sample : P1672-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 06 14:43:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	201153	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	774938	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	428410	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	709295	20.000	ng	0.00
76) Chrysene-d12	14.045	240	381283	20.000	ng	0.00
86) Perylene-d12	15.574	264	358459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1571063	118.290	ng	0.01
7) Phenol-d6	6.504	99	1931615	100.755	ng	0.00
23) Nitrobenzene-d5	7.422	82	1414235	84.795	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	504195	134.017	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2178275	79.592	ng	0.00
79) Terphenyl-d14	12.992	244	2328978	83.995	ng	0.00

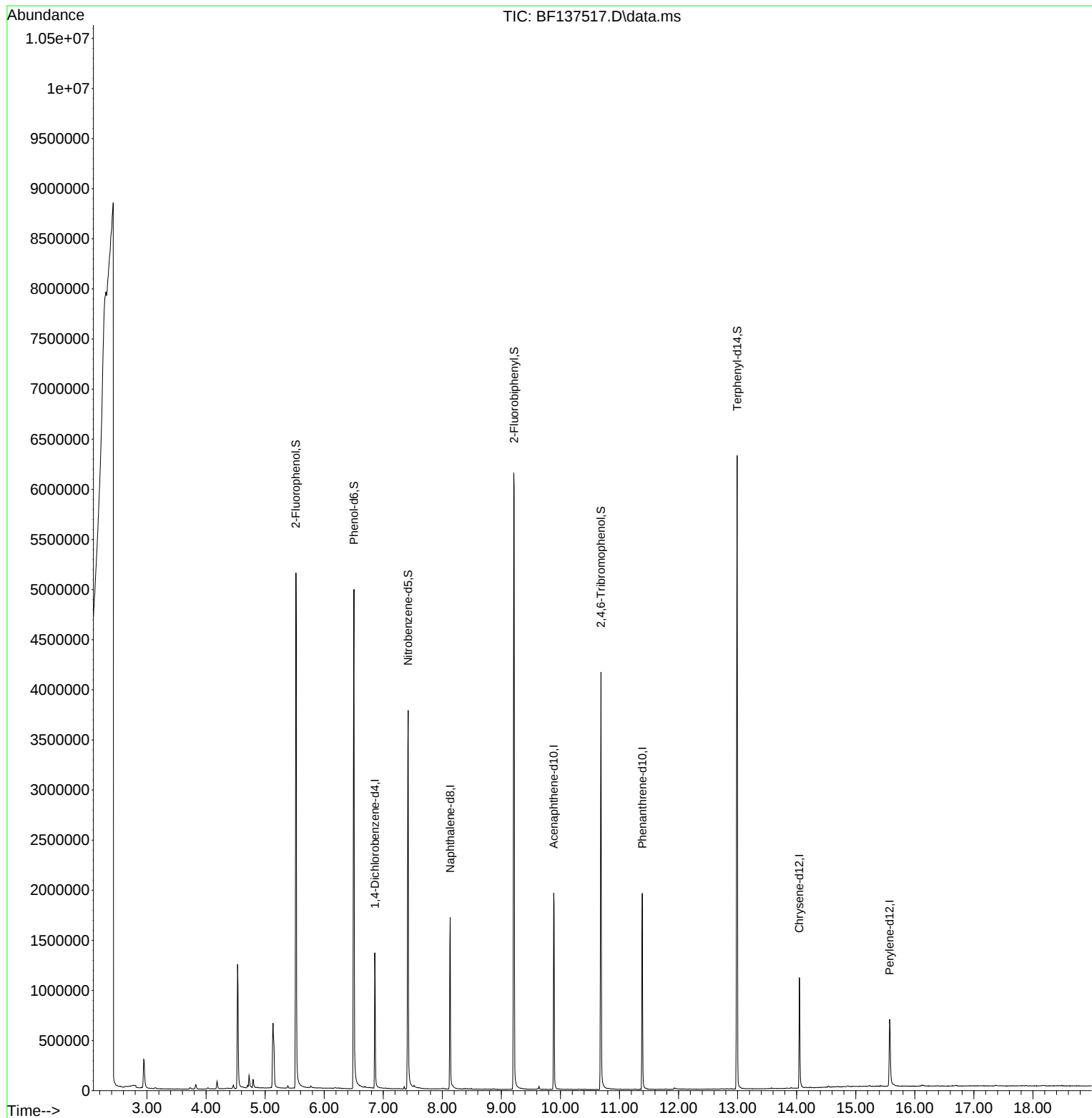
Target Compounds	Qvalue

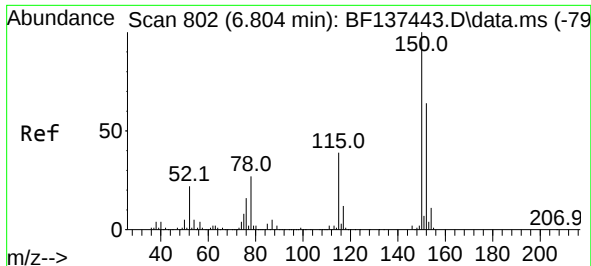
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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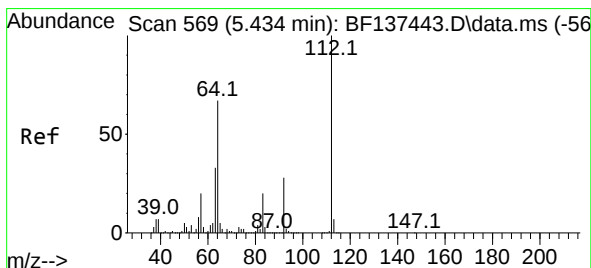
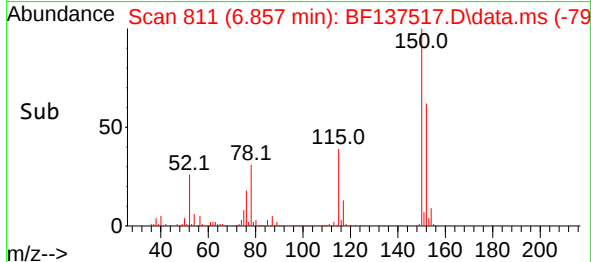
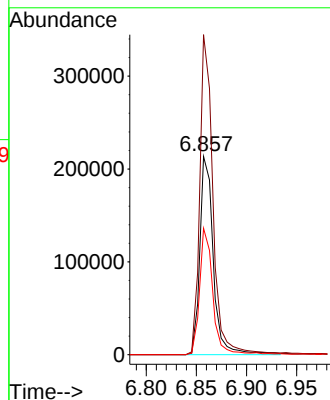
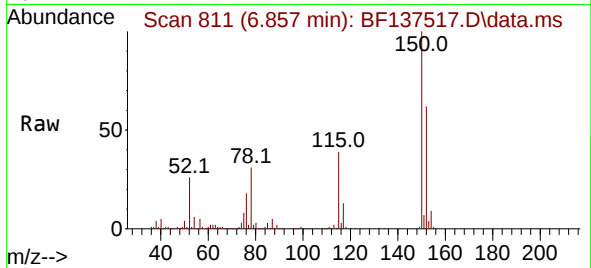




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

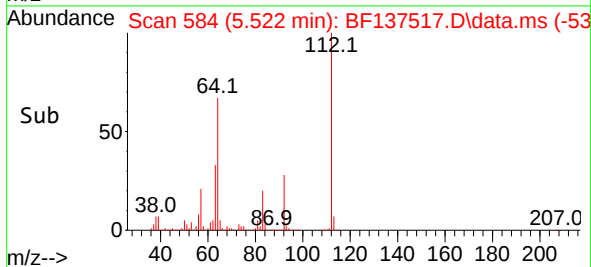
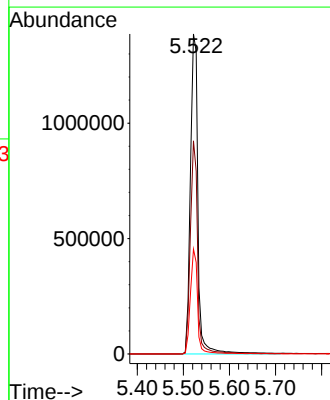
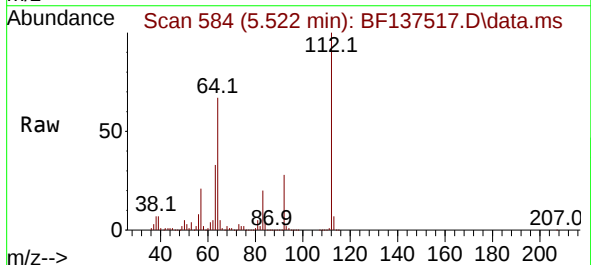
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 201153
Ion Ratio Lower Upper
152 100
150 161.4 125.8 188.6
115 63.7 48.8 73.2



#5
2-Fluorophenol
Concen: 118.290 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion:112 Resp: 1571063
Ion Ratio Lower Upper
112 100
64 66.6 53.4 80.2
63 32.8 26.2 39.2

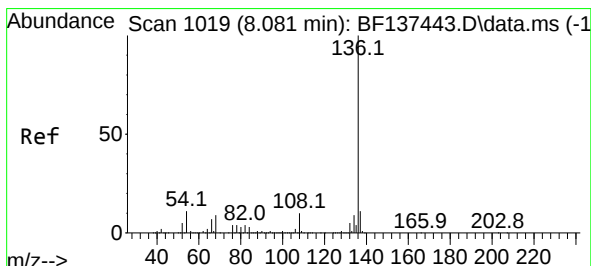
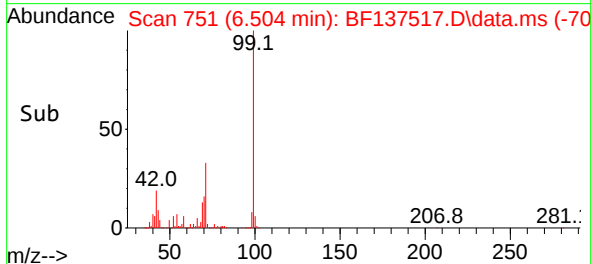
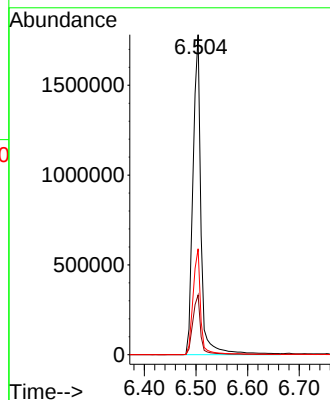
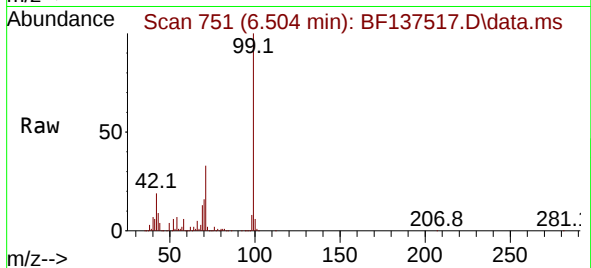




#7
Phenol-d6
Concen: 100.755 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

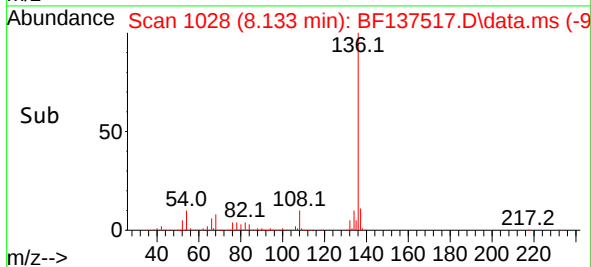
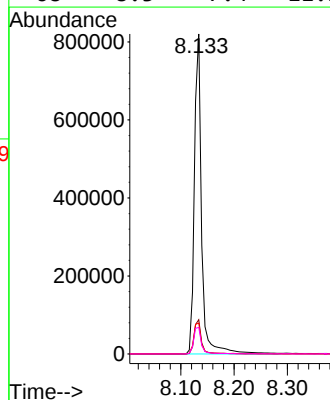
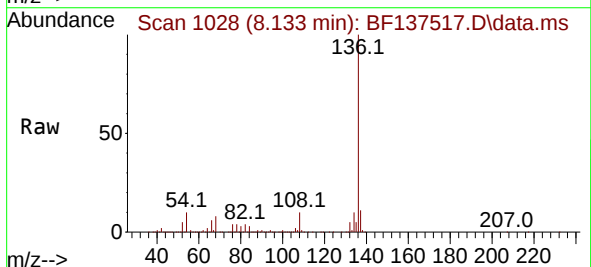
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1931615
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 33.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion: 136 Resp: 774938
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 9.7 8.5 12.7
68 8.3 7.4 11.2





#23

Nitrobenzene-d5

Concen: 84.795 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

TP-3

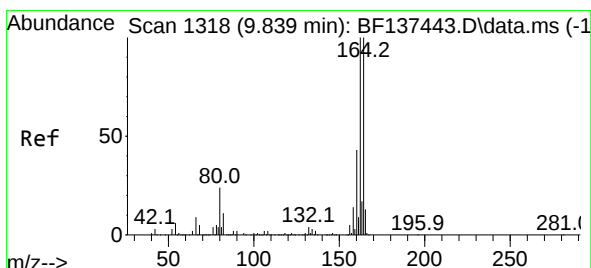
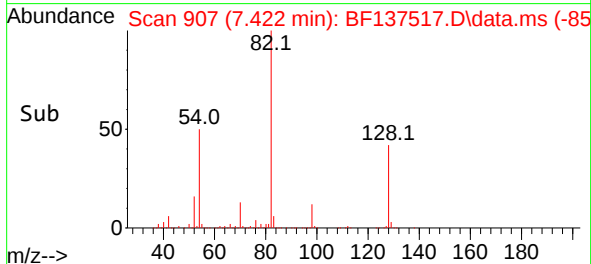
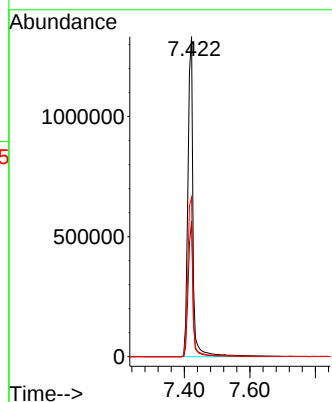
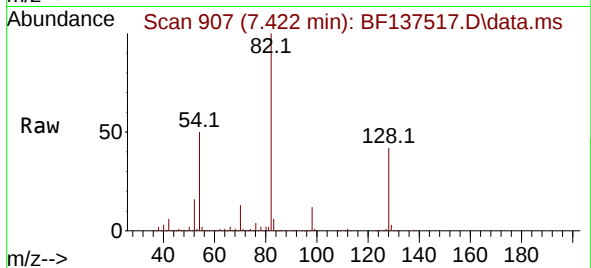
Tgt Ion: 82 Resp: 1414235

Ion Ratio Lower Upper

82 100

128 42.3 32.5 48.7

54 49.7 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

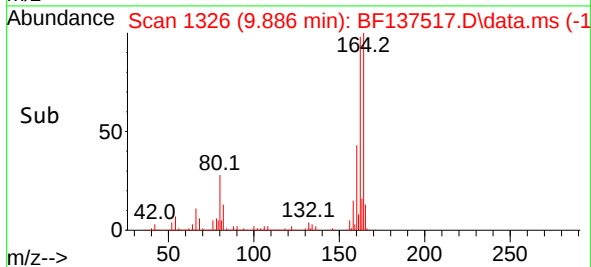
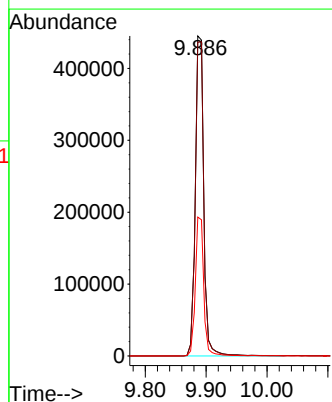
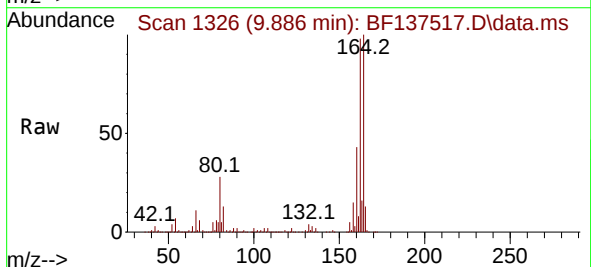
Tgt Ion:164 Resp: 428410

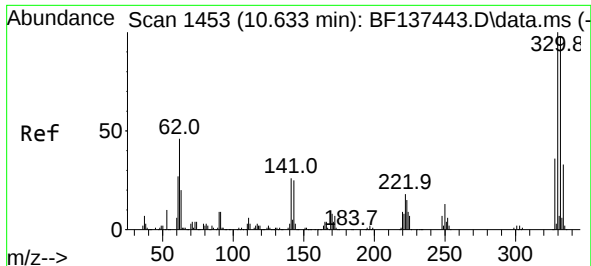
Ion Ratio Lower Upper

164 100

162 98.1 79.8 119.8

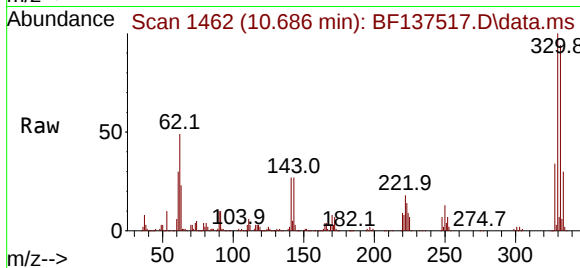
160 43.4 34.4 51.6



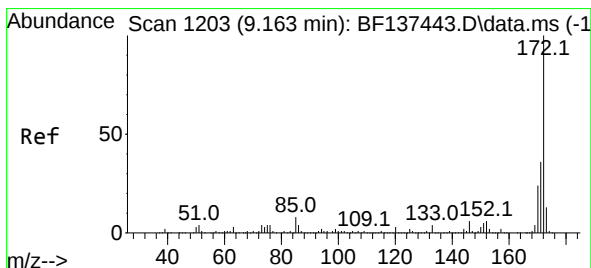
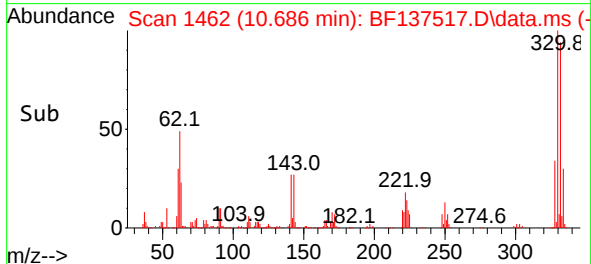
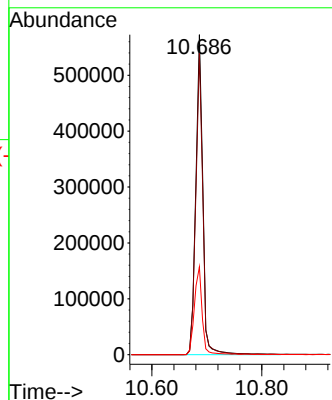


#42
2,4,6-Tribromophenol
Concen: 134.017 ng
RT: 10.686 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Instrument :
BNA_F
ClientSampleId :
TP-3

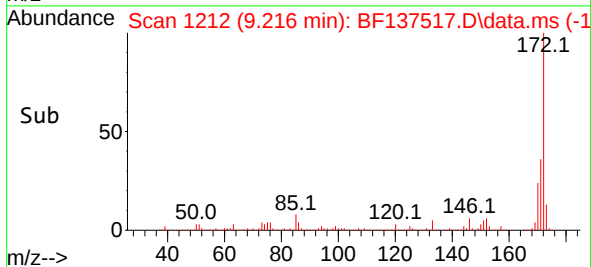
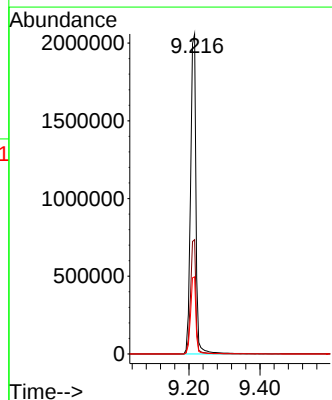
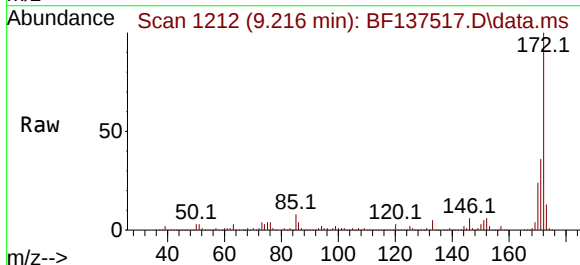


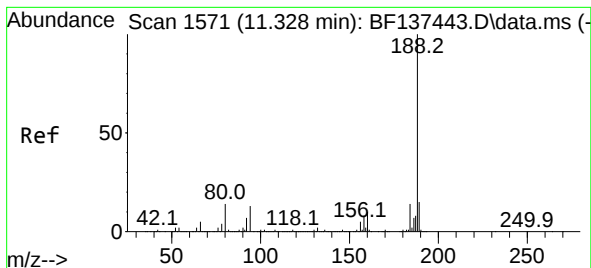
Tgt Ion:330 Resp: 504195
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 30.3 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 79.592 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion:172 Resp: 2178275
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

TP-3

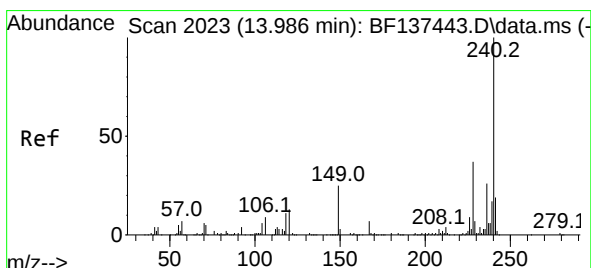
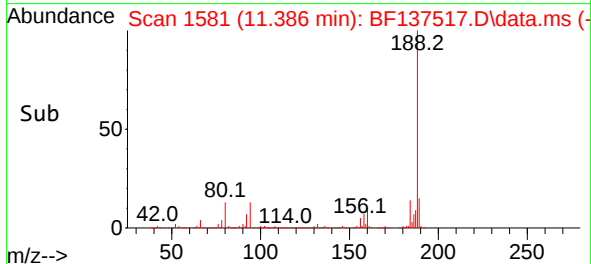
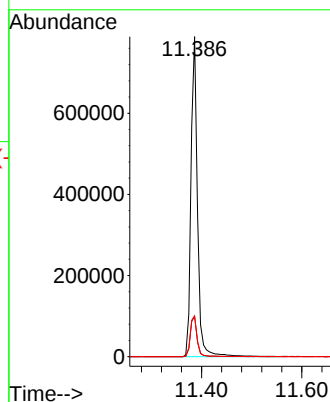
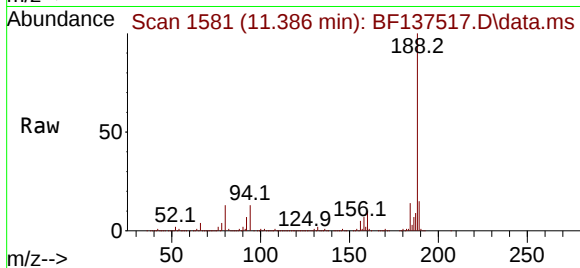
Tgt Ion:188 Resp: 709295

Ion Ratio Lower Upper

188 100

94 12.5 10.6 15.8

80 12.8 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

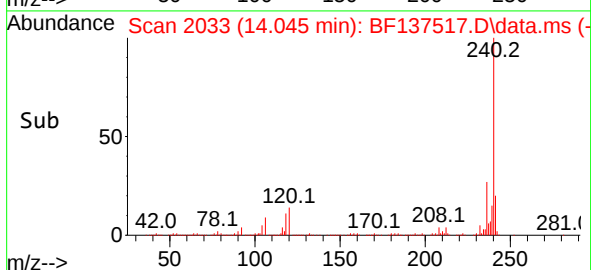
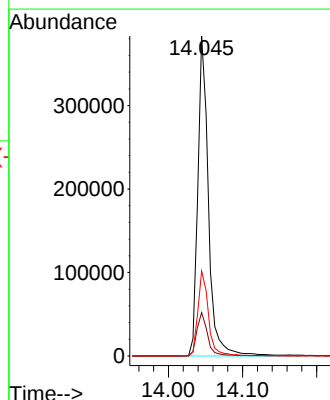
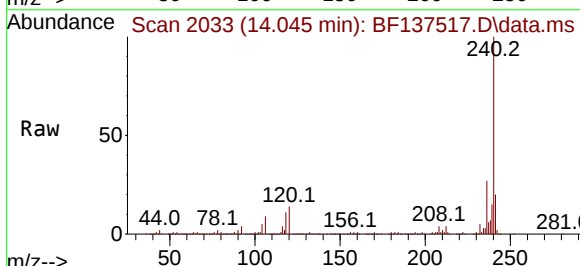
Tgt Ion:240 Resp: 381283

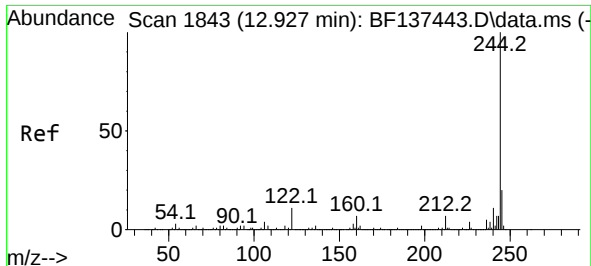
Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 26.5 20.9 31.3

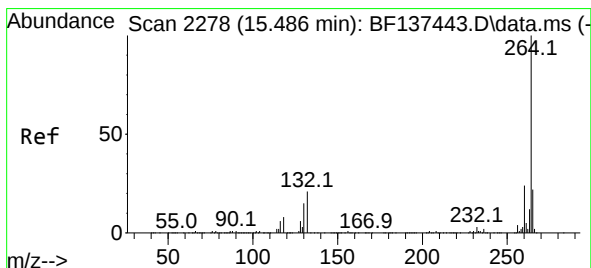
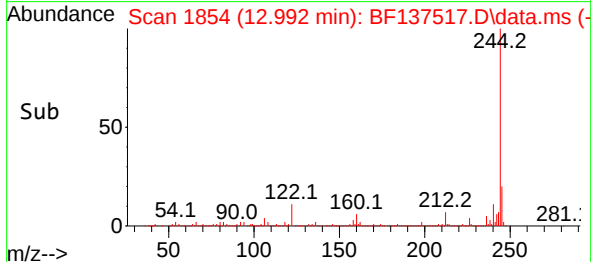
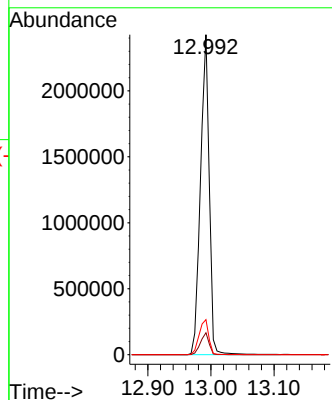
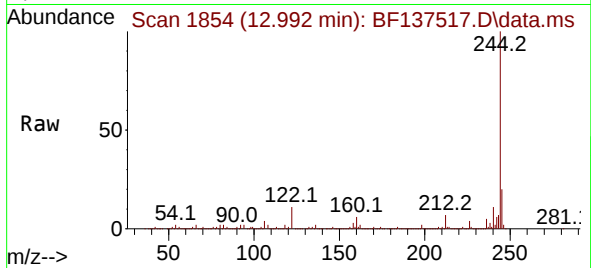




#79
 Terphenyl-d14
 Concen: 83.995 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137517.D
 Acq: 06 Mar 2024 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 2328978
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF137517.D
 Acq: 06 Mar 2024 14:25

Tgt Ion:264 Resp: 358459
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 20.9 17.4 26.0

