

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137518.D
 Acq On : 06 Mar 2024 14:55
 Operator : CG\JU
 Sample : P1672-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Mar 06 15:17:48 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	6.863	152	216661	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	848342	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	464874	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	743110	20.000	ng	0.00
76) Chrysene-d12	14.051	240	381778	20.000	ng	0.00
86) Perylene-d12	15.580	264	414902	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1644858	114.982	ng	0.02
7) Phenol-d6	6.504	99	2075513	100.512	ng	0.00
23) Nitrobenzene-d5	7.422	82	1514498	82.950	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	510821	125.128	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2359982	79.467	ng	0.00
79) Terphenyl-d14	12.992	244	2300328	82.854	ng	0.00

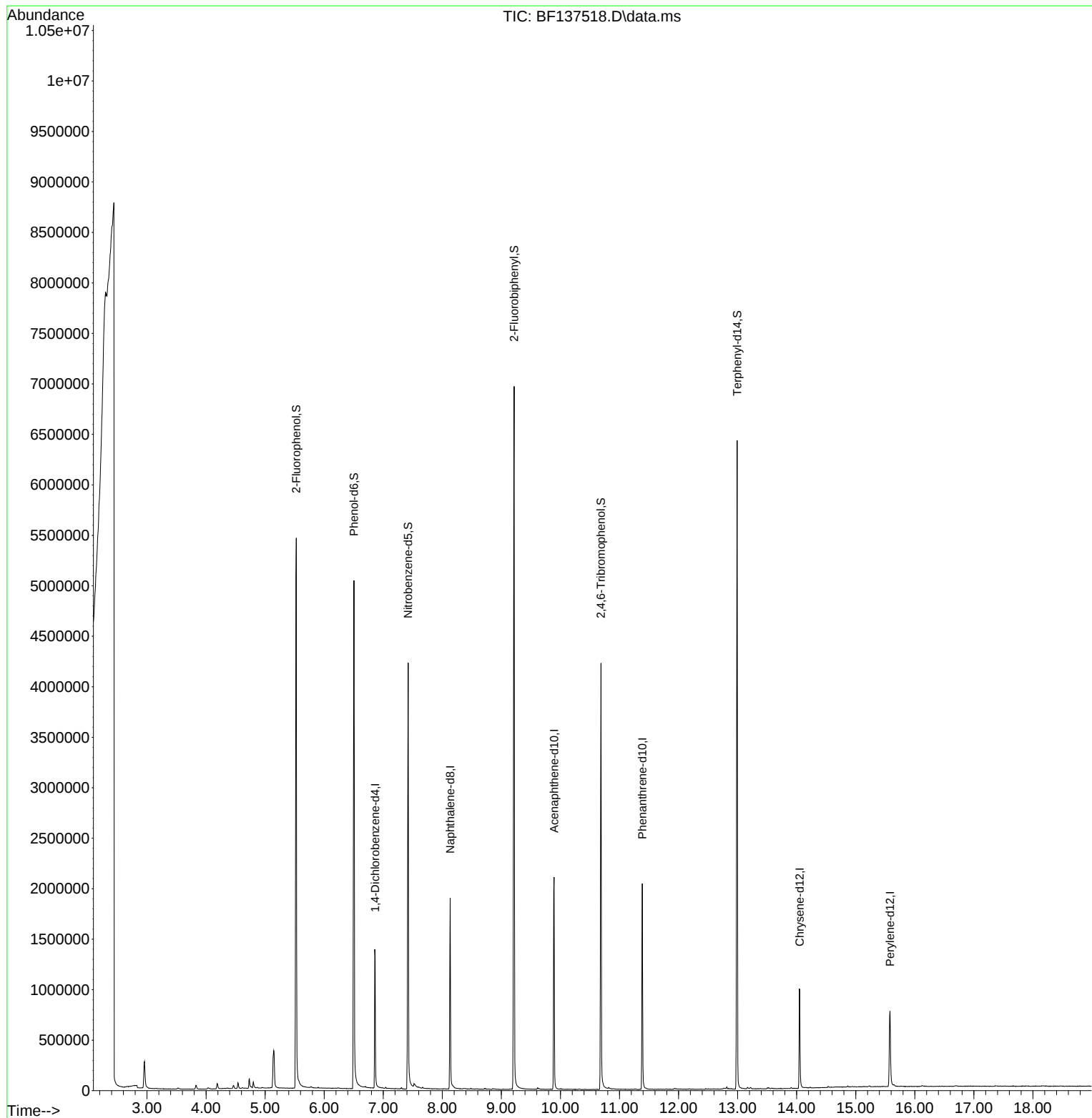
Target Compounds	Qvalue

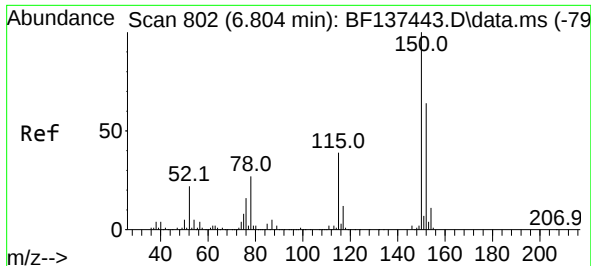
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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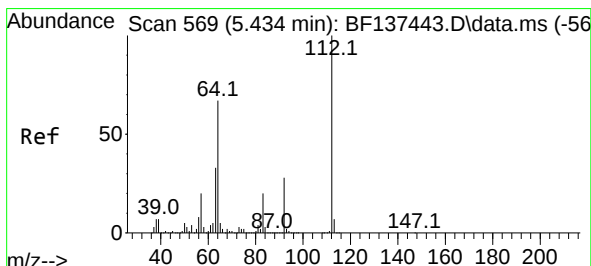
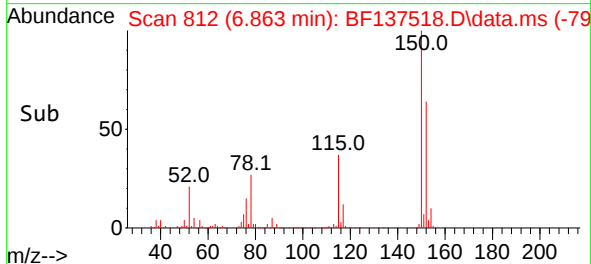
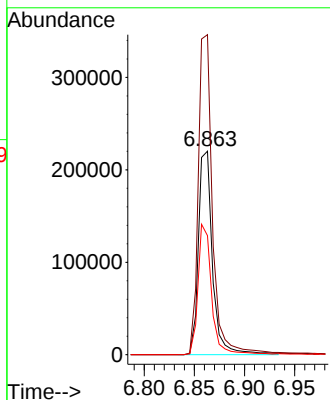
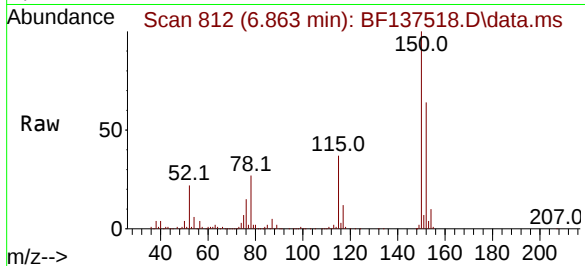




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

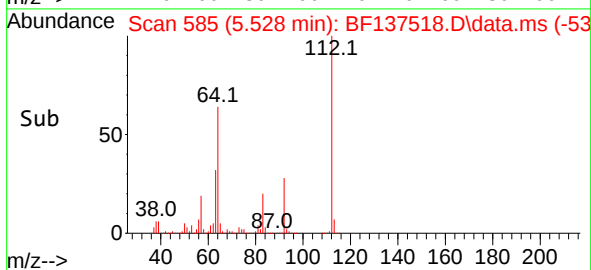
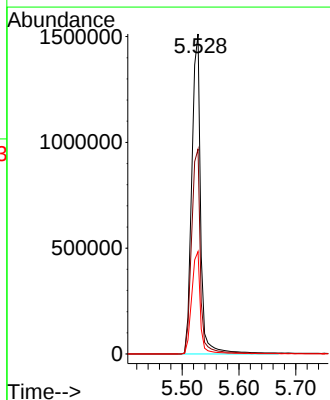
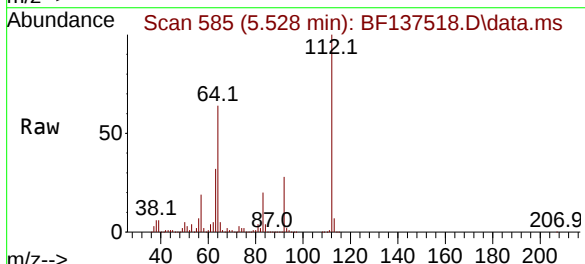
Instrument :
BNA_F
ClientSampleId :
TP-5

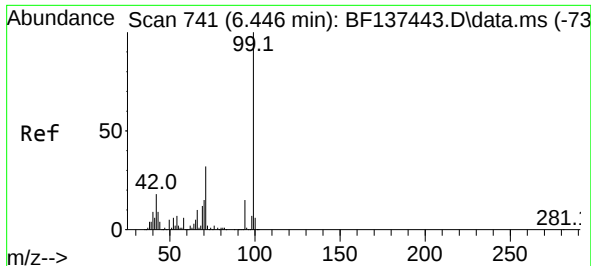
Tgt Ion:152 Resp: 216661
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 58.5 48.8 73.2



#5
2-Fluorophenol
Concen: 114.982 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion:112 Resp: 1644858
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 32.0 26.2 39.2



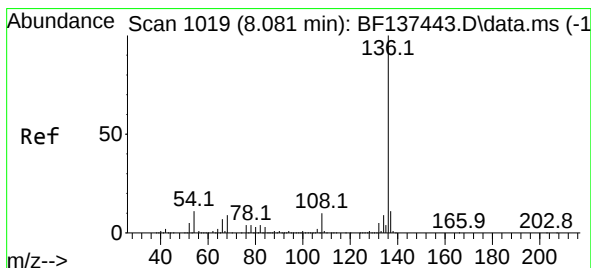
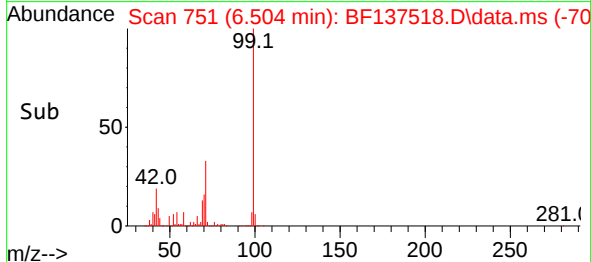
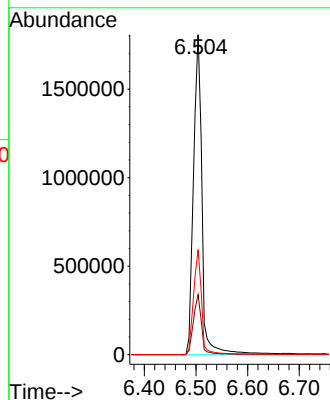
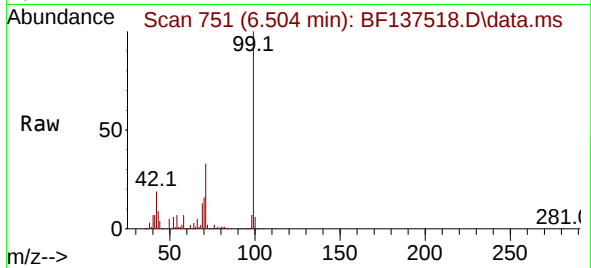


#7
Phenol-d6
Concen: 100.512 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 2075513

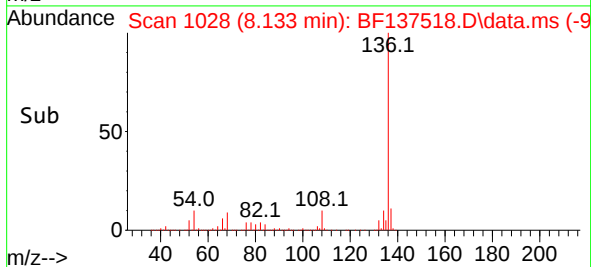
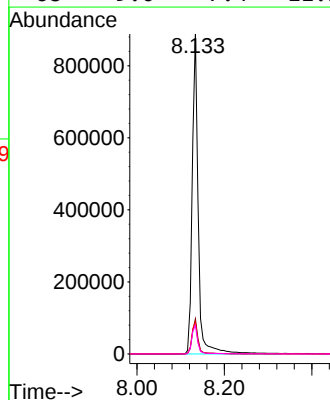
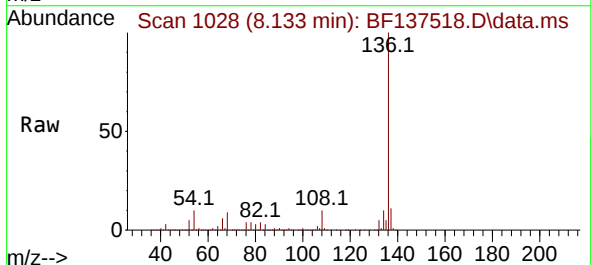
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	21.8
71	32.9	25.3	37.9

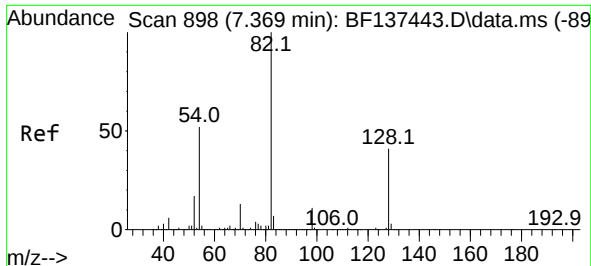


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion: 136 Resp: 848342

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.0	8.5	12.7
68	9.0	7.4	11.2





#23

Nitrobenzene-d5

Concen: 82.950 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

TP-5

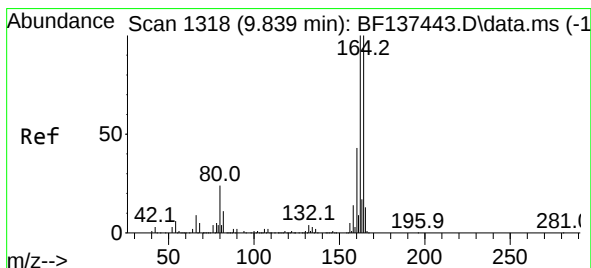
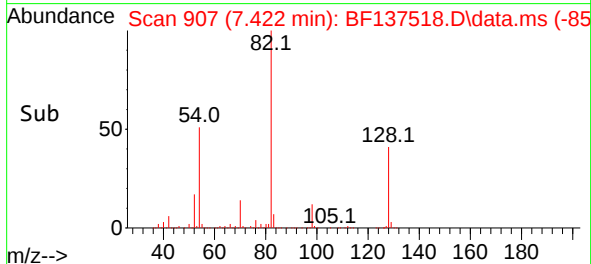
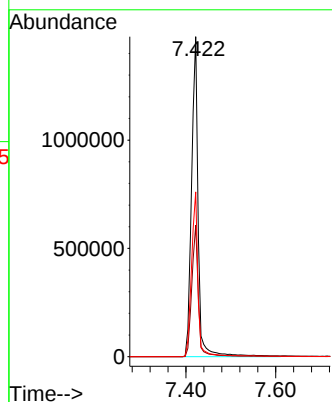
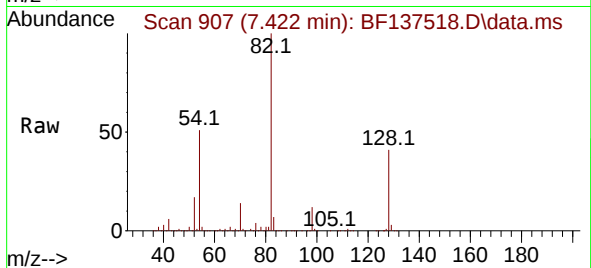
Tgt Ion: 82 Resp: 1514498

Ion Ratio Lower Upper

82 100

128 41.1 32.5 48.7

54 51.5 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

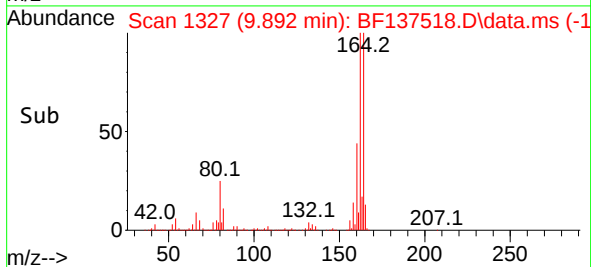
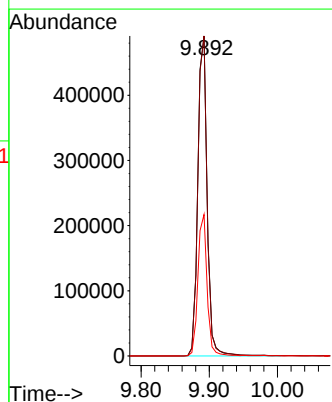
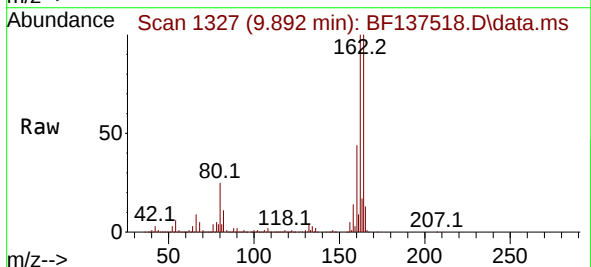
Tgt Ion:164 Resp: 464874

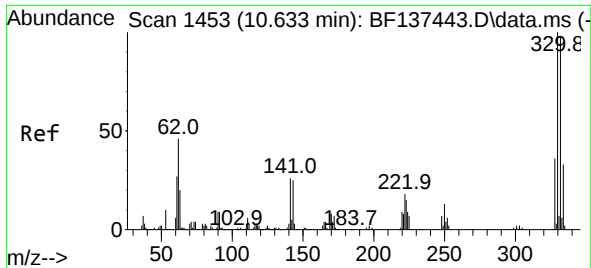
Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.8

160 44.2 34.4 51.6

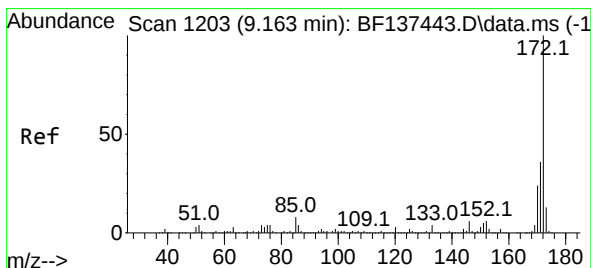
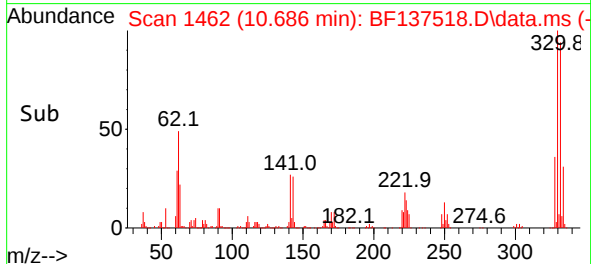
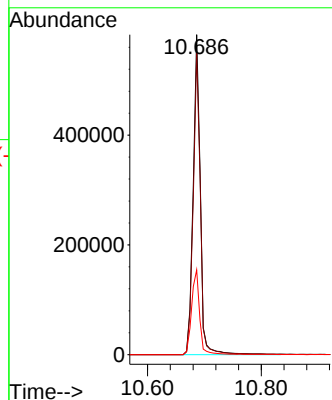
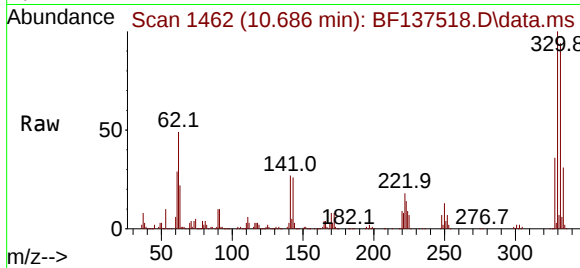




#42
2,4,6-Tribromophenol
Concen: 125.128 ng
RT: 10.686 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

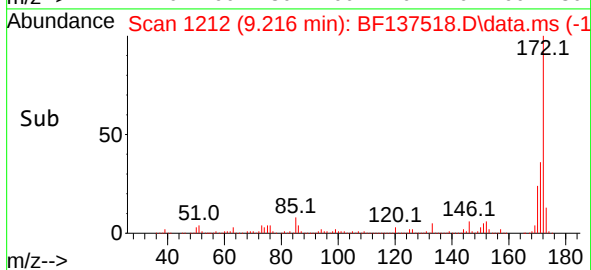
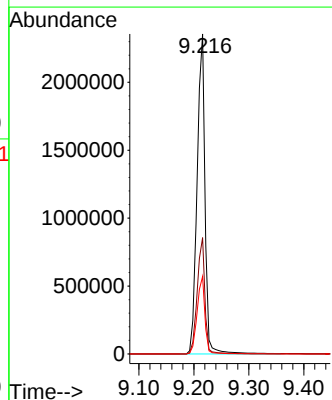
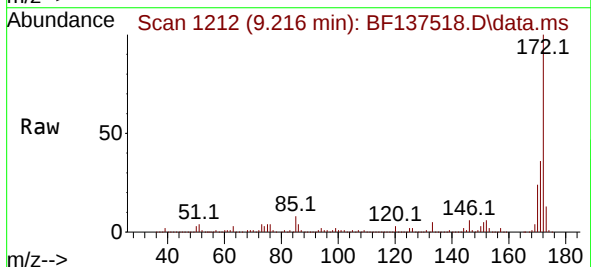
Instrument :
BNA_F
ClientSampleId :
TP-5

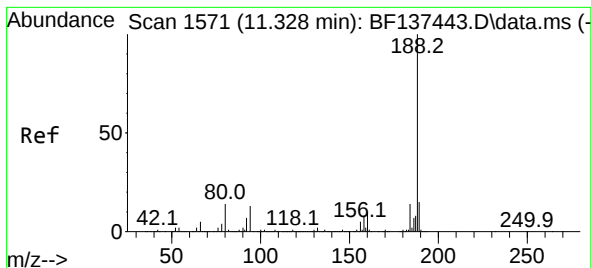
Tgt Ion:330 Resp: 510821
Ion Ratio Lower Upper
330 100
332 94.6 78.0 117.0
141 30.0 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 79.467 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion:172 Resp: 2359982
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

TP-5

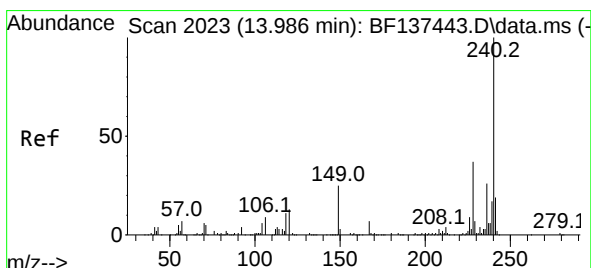
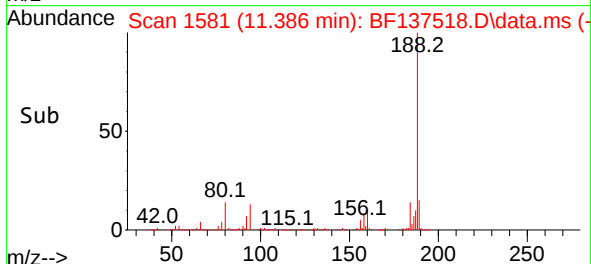
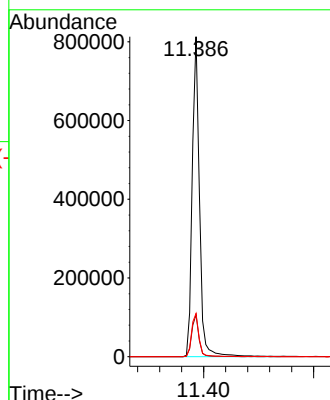
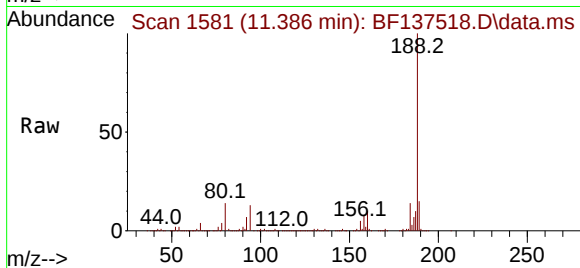
Tgt Ion:188 Resp: 743110

Ion Ratio Lower Upper

188 100

94 13.1 10.6 15.8

80 13.5 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

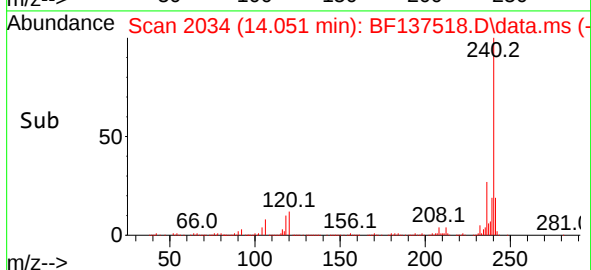
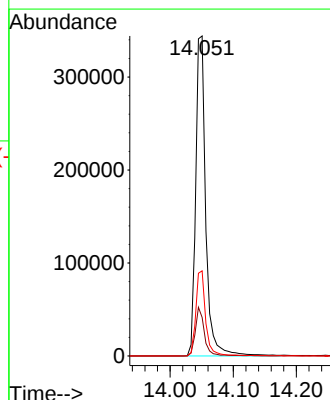
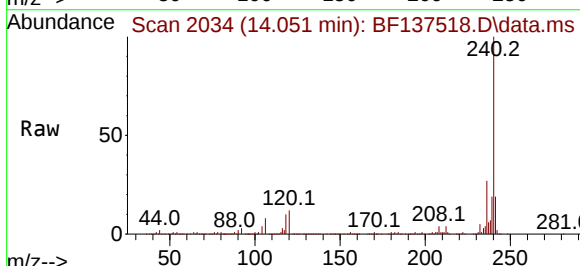
Tgt Ion:240 Resp: 381778

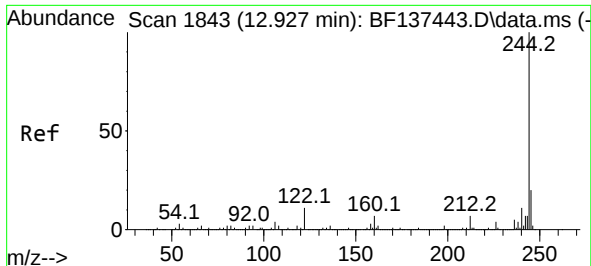
Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 26.6 20.9 31.3

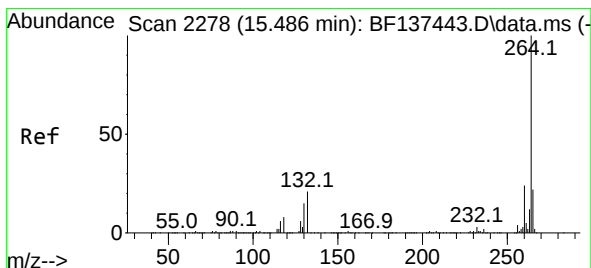
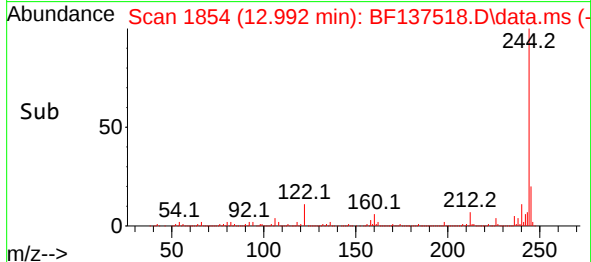
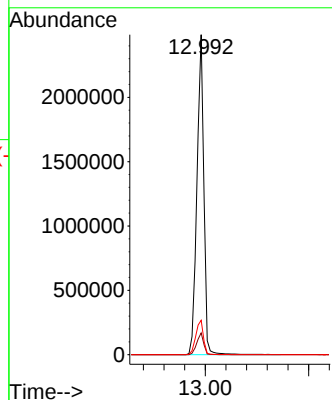
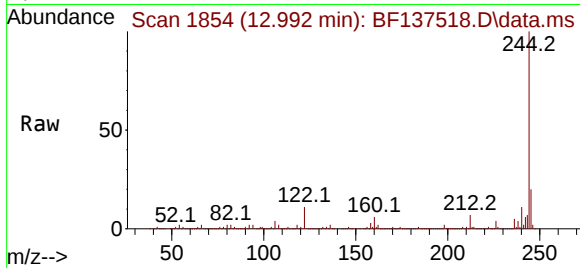




#79
 Terphenyl-d14
 Concen: 82.854 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF137518.D
 Acq: 06 Mar 2024 14:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 2300328
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.012 min
 Lab File: BF137518.D
 Acq: 06 Mar 2024 14:55

Tgt Ion:264 Resp: 414902
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.9 17.4 26.0

