

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137050.D
 Acq On : 12 Jan 2024 15:59
 Operator : CG\JU
 Sample : P1104-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jan 12 16:19:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	58928	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	227837	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	113410	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	196656	20.000	ng	0.00
76) Chrysene-d12	13.968	240	113881	20.000	ng	0.00
86) Perylene-d12	15.457	264	141014	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	318032	84.208	ng	0.00
7) Phenol-d6	6.434	99	400445	81.828	ng	0.00
23) Nitrobenzene-d5	7.345	82	237751	53.398	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	107001	80.111	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	464423	55.078	ng	-0.02
79) Terphenyl-d14	12.904	244	347820	42.682	ng	-0.01

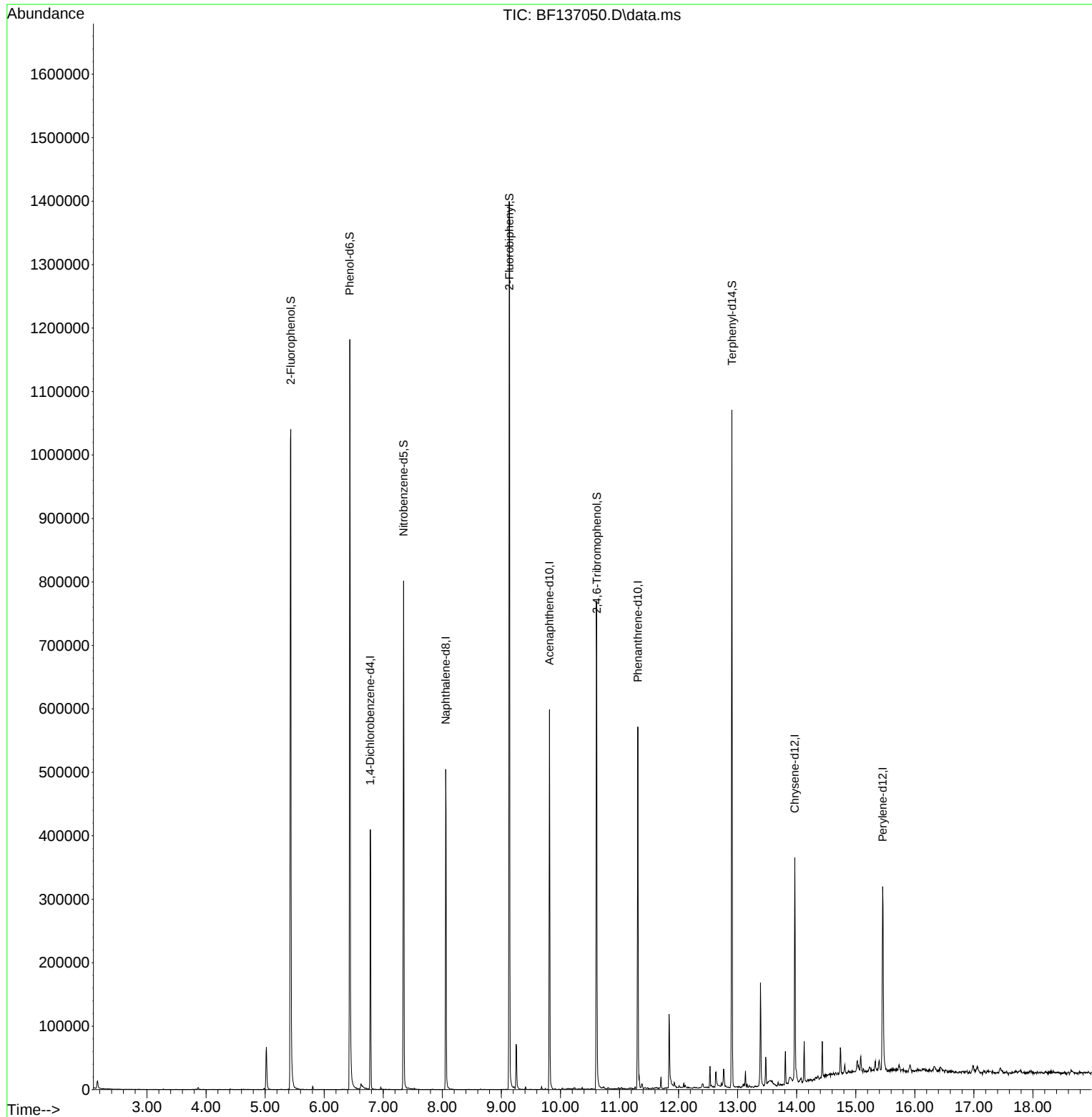
Target Compounds	Qvalue

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

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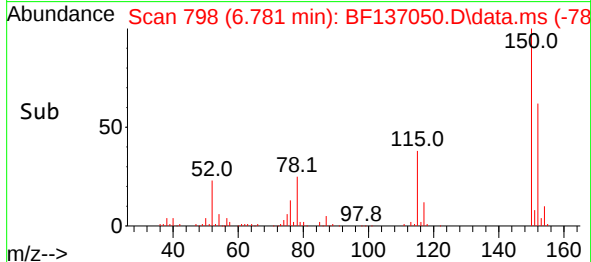
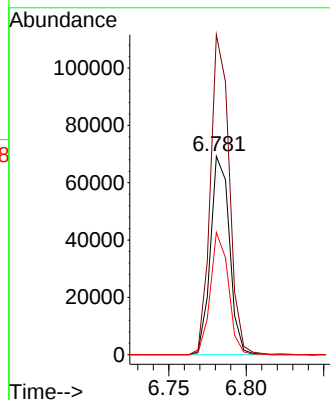
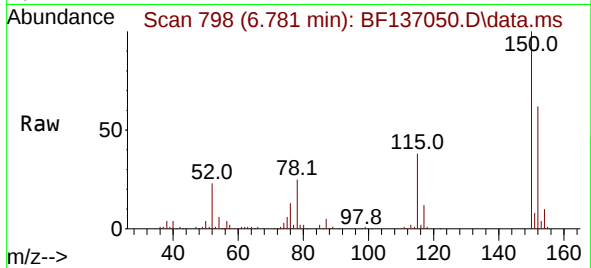




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

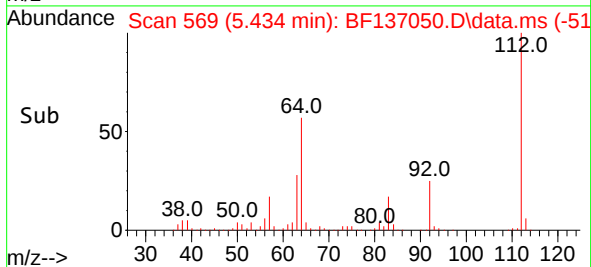
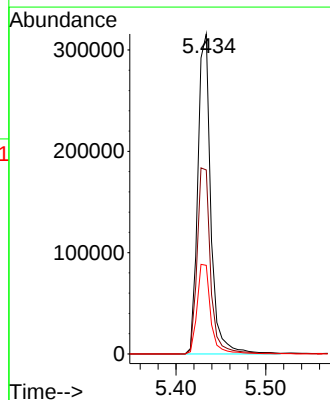
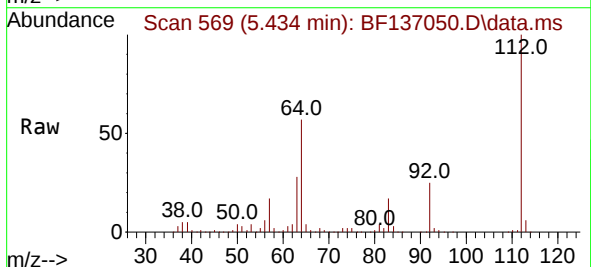
Instrument :
BNA_F
ClientSampleId :
TP-2

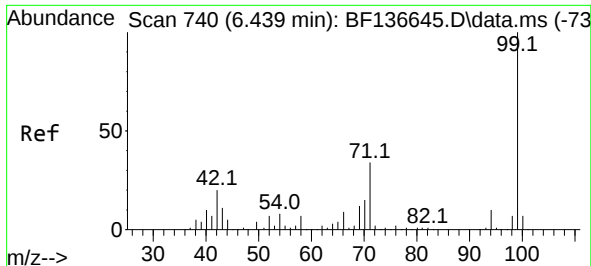
Tgt Ion:152 Resp: 58928
Ion Ratio Lower Upper
152 100
150 161.3 127.0 190.6
115 61.6 49.0 73.4



#5
2-Fluorophenol
Concen: 84.208 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

Tgt Ion:112 Resp: 318032
Ion Ratio Lower Upper
112 100
64 57.5 51.1 76.7
63 27.7 26.1 39.1

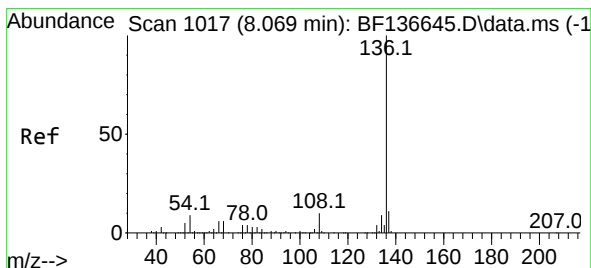
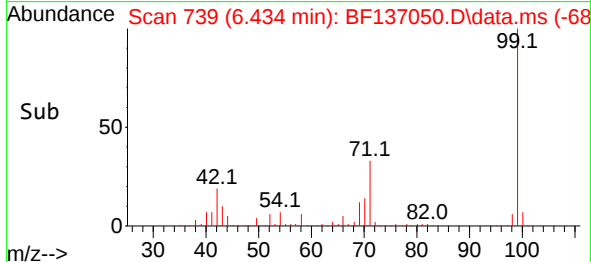
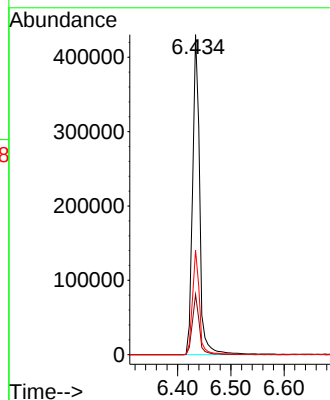
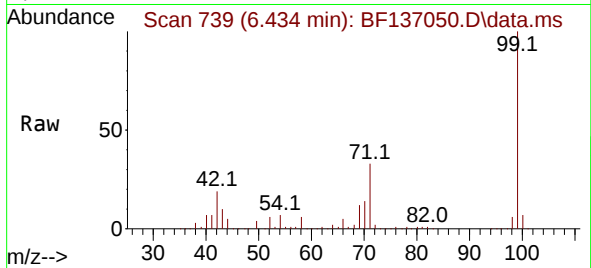




#7
Phenol-d6
Concen: 81.828 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

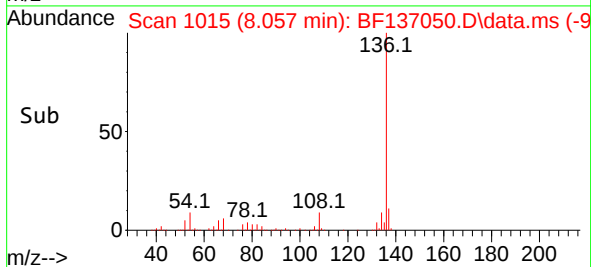
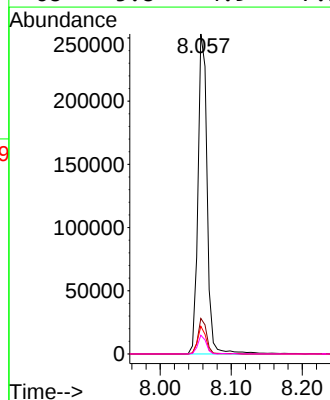
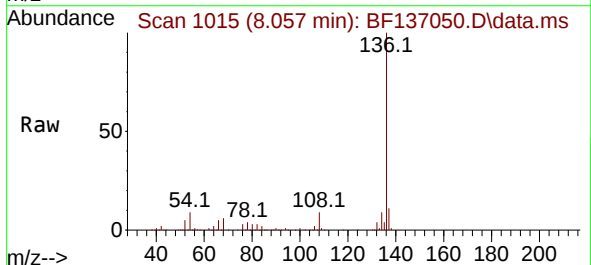
Instrument :
BNA_F
ClientSampleId :
TP-2

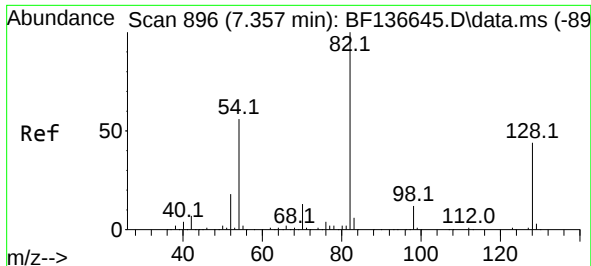
Tgt Ion: 99 Resp: 400445
Ion Ratio Lower Upper
99 100
42 18.8 16.1 24.1
71 32.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

Tgt Ion: 136 Resp: 227837
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.7 7.2 10.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 53.398 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137050.D

Acq: 12 Jan 2024 15:59

Instrument :

BNA_F

ClientSampleId :

TP-2

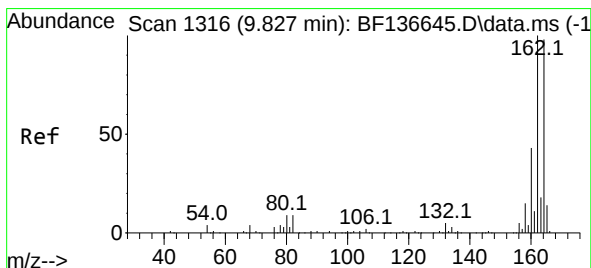
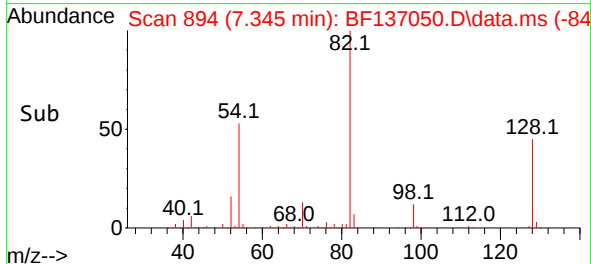
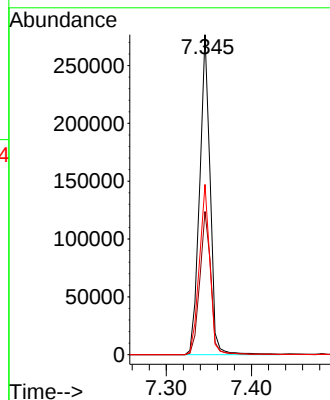
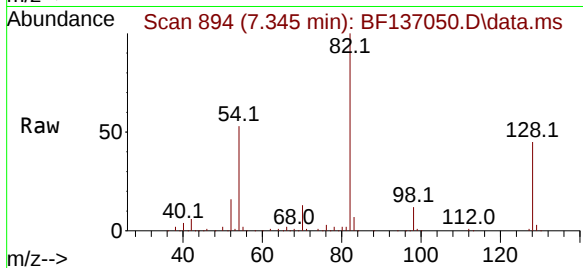
Tgt Ion: 82 Resp: 237751

Ion Ratio Lower Upper

82 100

128 44.7 35.3 52.9

54 53.2 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137050.D

Acq: 12 Jan 2024 15:59

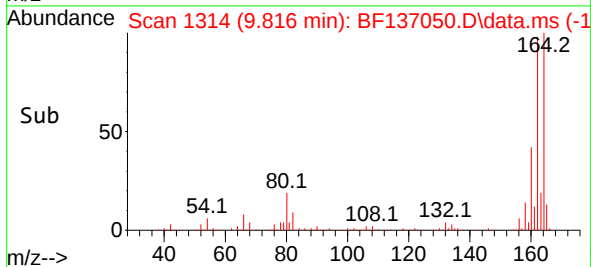
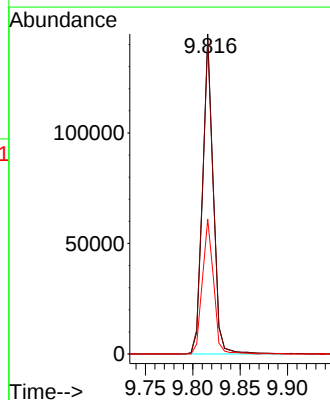
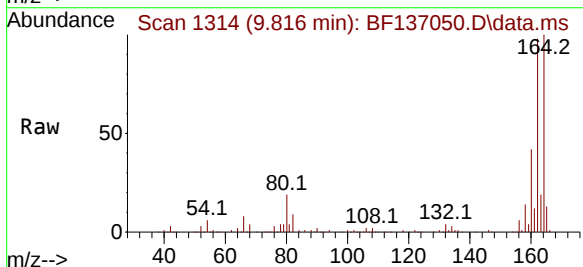
Tgt Ion:164 Resp: 113410

Ion Ratio Lower Upper

164 100

162 97.9 81.6 122.4

160 42.2 34.9 52.3

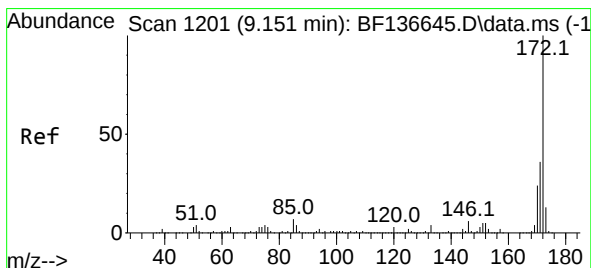
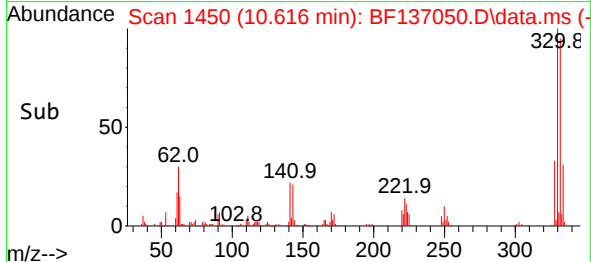
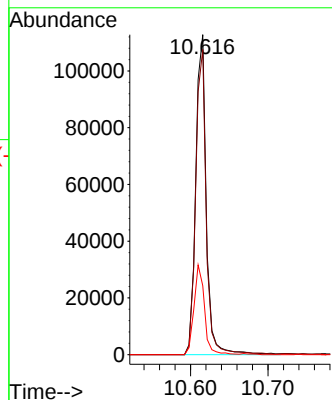
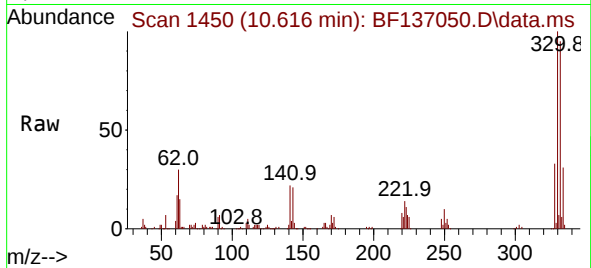




#42
2,4,6-Tribromophenol
Concen: 80.111 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

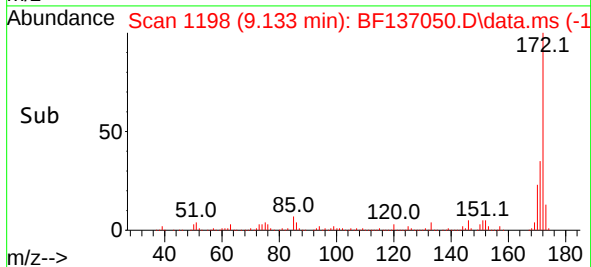
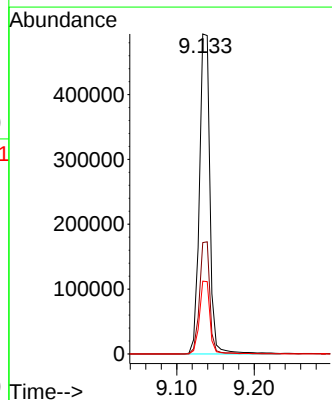
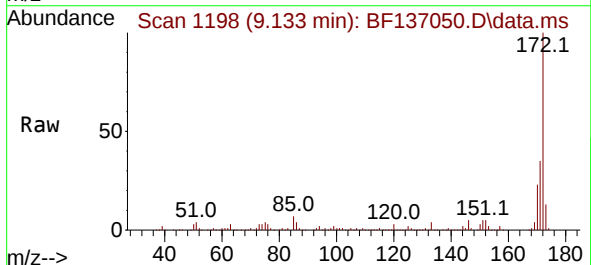
Instrument :
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ClientSampleId :
TP-2

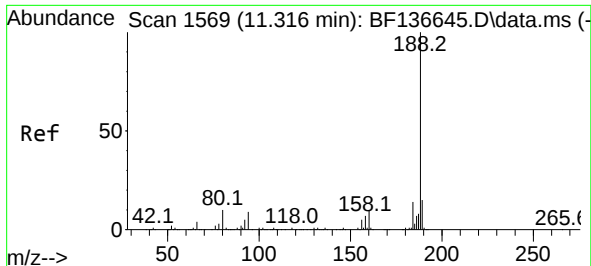
Tgt Ion:330 Resp: 107001
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 27.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 55.078 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

Tgt Ion:172 Resp: 464423
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 22.8 19.0 28.4

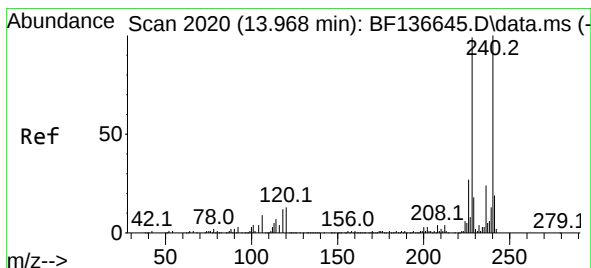
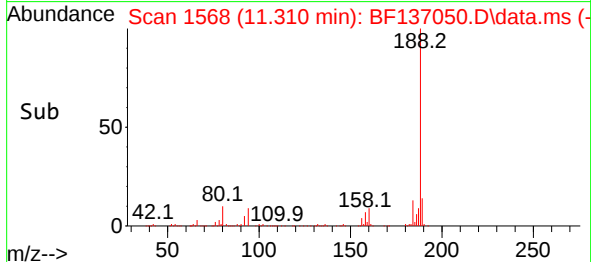
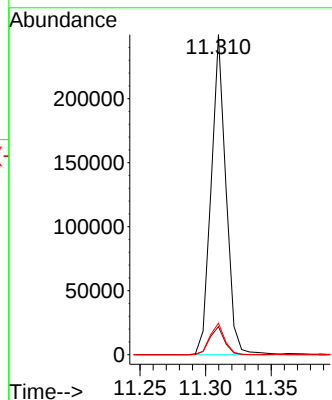
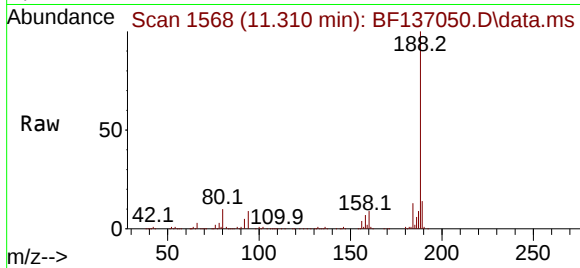




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

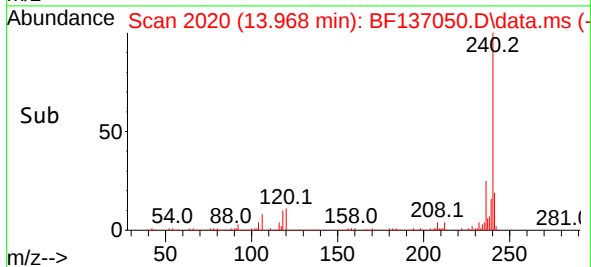
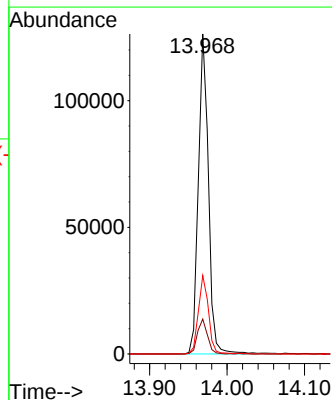
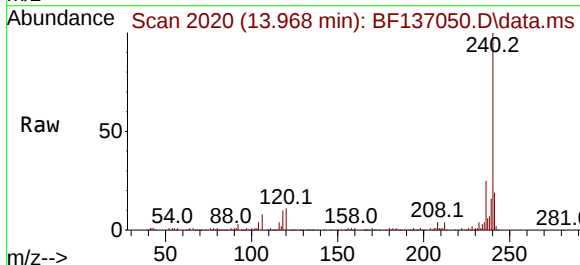
Instrument :
BNA_F
ClientSampleId :
TP-2

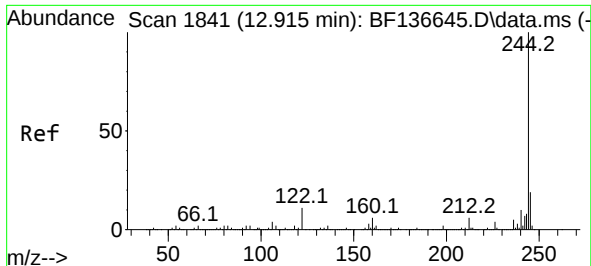
Tgt Ion:188 Resp: 196656
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137050.D
Acq: 12 Jan 2024 15:59

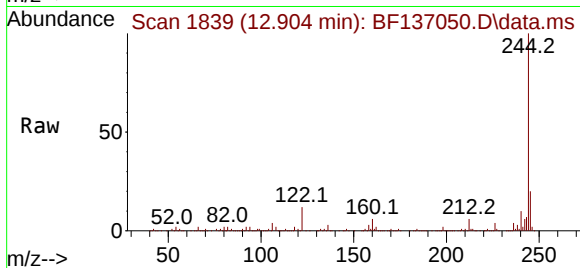
Tgt Ion:240 Resp: 113881
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 24.5 19.4 29.2



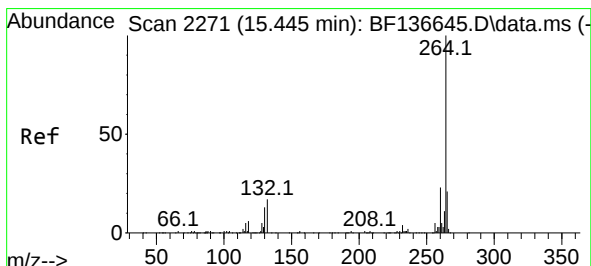
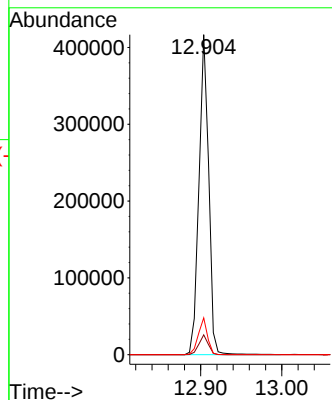
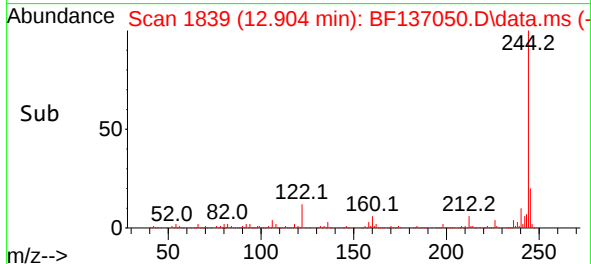


#79
 Terphenyl-d14
 Concen: 42.682 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137050.D
 Acq: 12 Jan 2024 15:59

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 347820
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF137050.D
 Acq: 12 Jan 2024 15:59

Tgt Ion:264 Resp: 141014
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.3 27.5
 265 19.5 17.0 25.6

