

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137158.D
 Acq On : 25 Jan 2024 20:28
 Operator : CG\JU
 Sample : P1243-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-308-0-2

Quant Time: Jan 26 10:18:12 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	70546	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	272726	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	153603	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	298206	20.000	ng	0.00
76) Chrysene-d12	13.980	240	187682	20.000	ng	-0.01
86) Perylene-d12	15.474	264	172975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	529432	111.186	ng	0.01
7) Phenol-d6	6.440	99	639235	102.103	ng	0.00
23) Nitrobenzene-d5	7.369	82	484469	83.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	216846	134.203	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	872118	79.044	ng	-0.01
79) Terphenyl-d14	12.939	244	1102804	84.024	ng	0.00

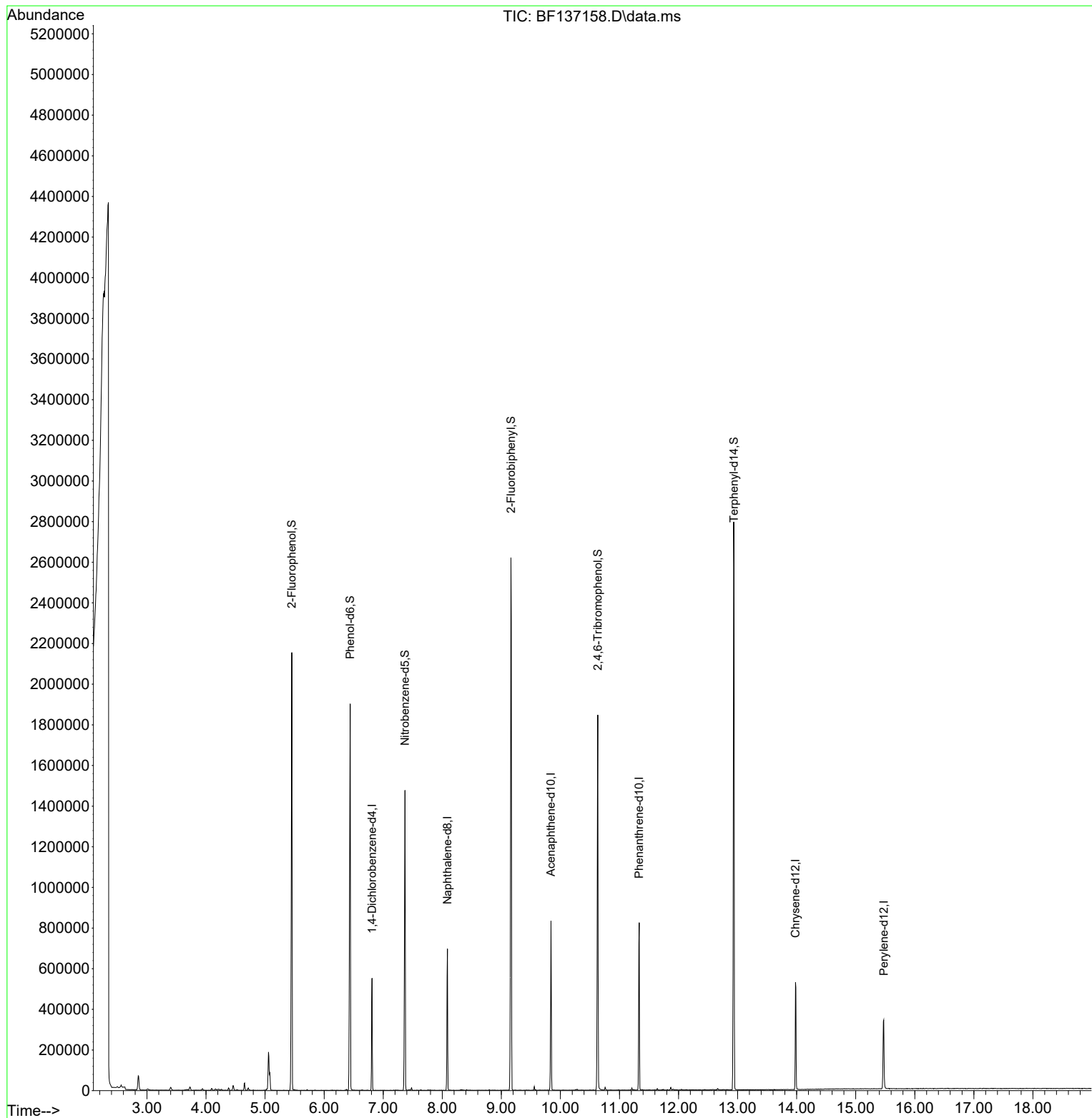
Target Compounds	Qvalue
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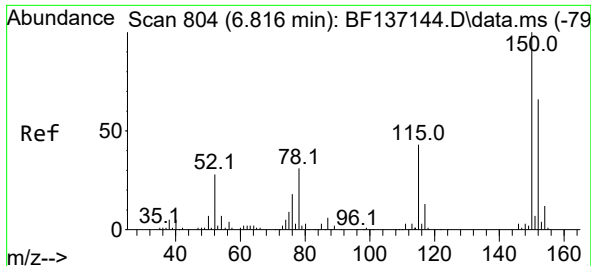
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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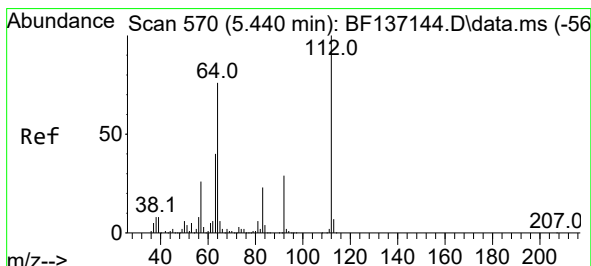
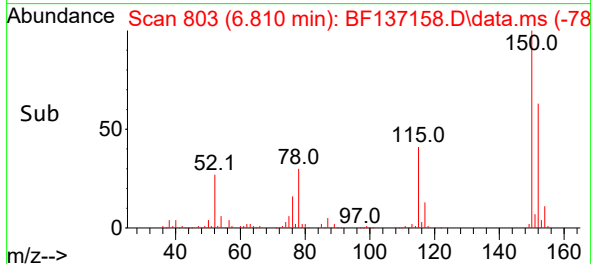
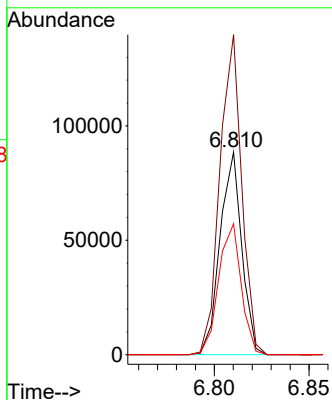
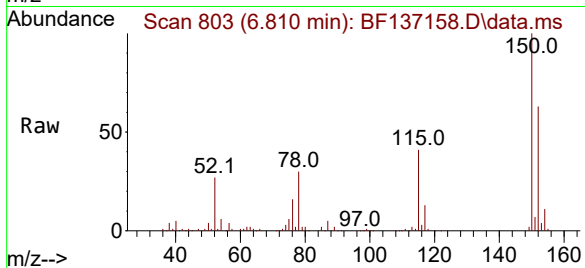




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

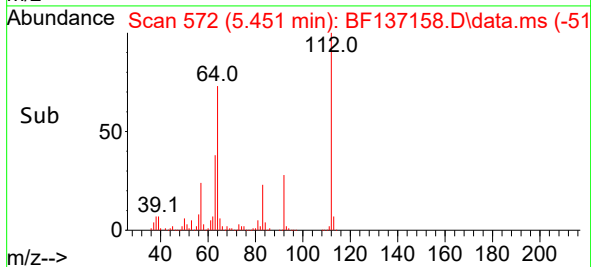
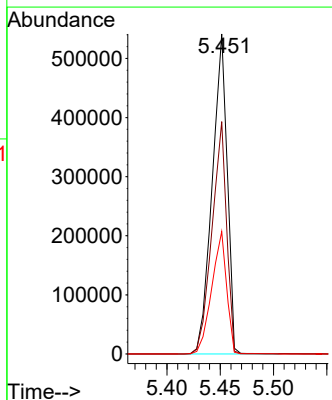
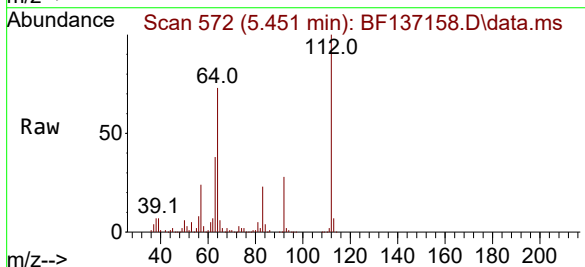
Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

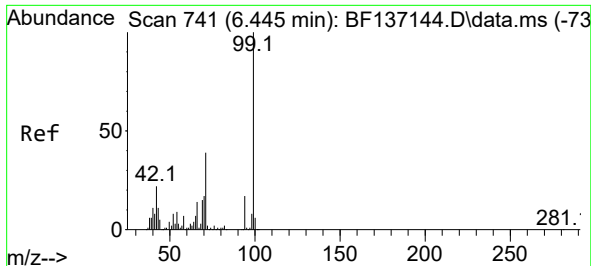
Tgt Ion:152 Resp: 70546
Ion Ratio Lower Upper
152 100
150 158.0 121.2 181.8
115 64.6 52.5 78.7



#5
2-Fluorophenol
Concen: 111.186 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion:112 Resp: 529432
Ion Ratio Lower Upper
112 100
64 72.6 60.8 91.2
63 38.2 32.1 48.1

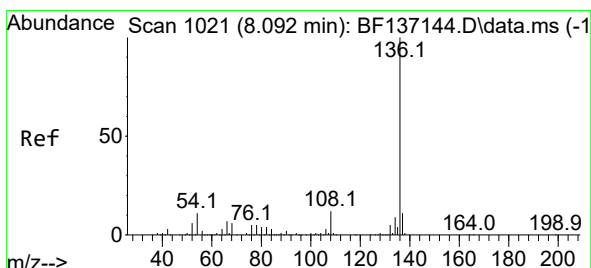
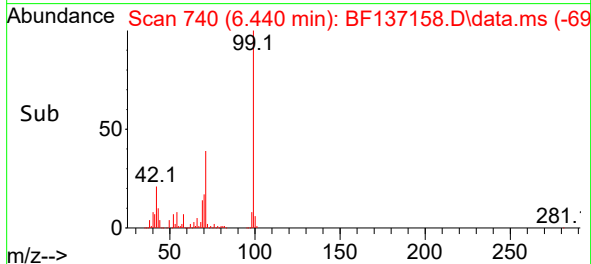
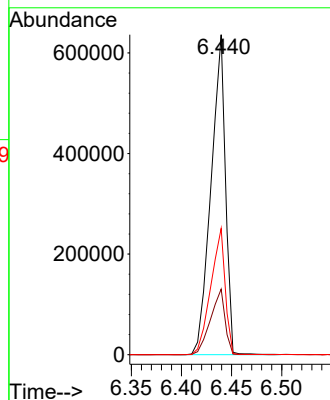
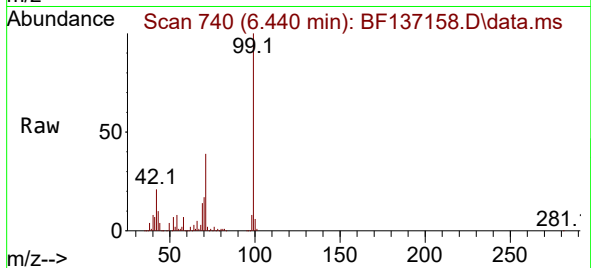




#7
Phenol-d6
Concen: 102.103 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

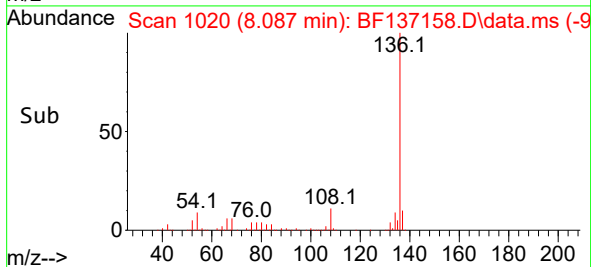
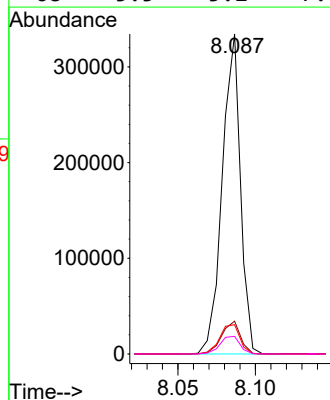
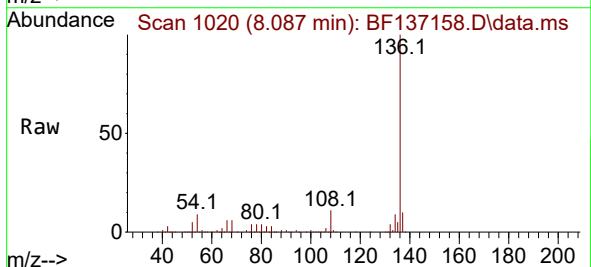
Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

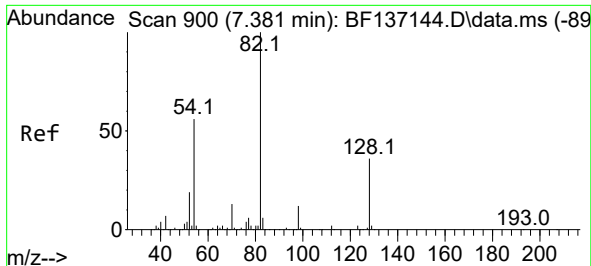
Tgt Ion: 99 Resp: 639235
Ion Ratio Lower Upper
99 100
42 20.5 17.5 26.3
71 39.4 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion: 136 Resp: 272726
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 9.1 8.8 13.2
68 5.5 5.2 7.8

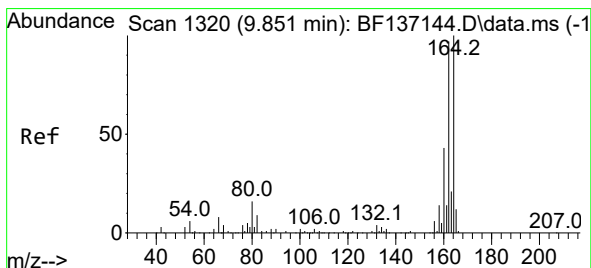
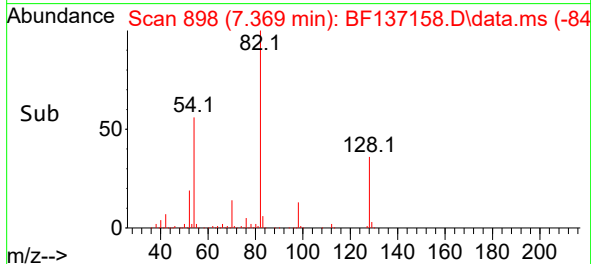
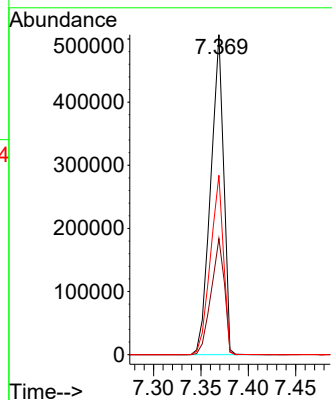
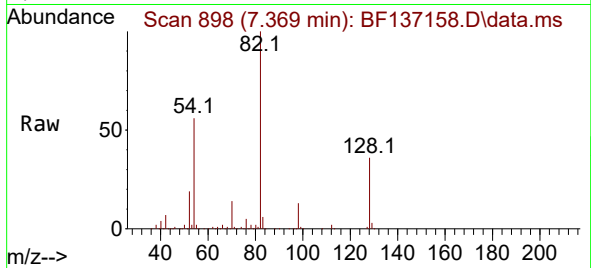




#23
Nitrobenzene-d5
Concen: 83.274 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

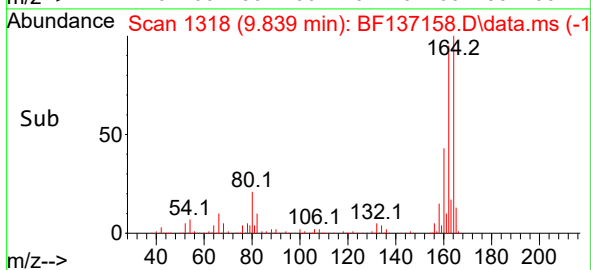
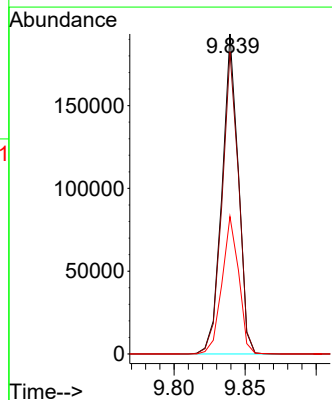
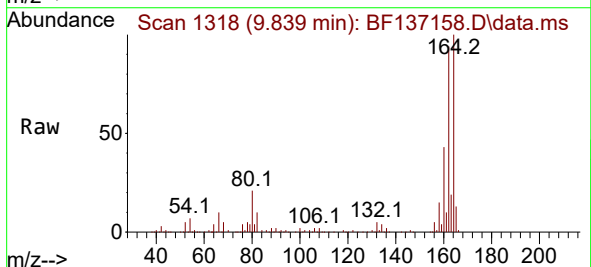
Instrument :
BNA_F
ClientSampleId :
MR-308-0-2

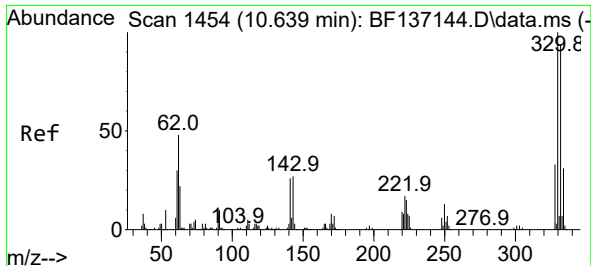
Tgt Ion: 82 Resp: 484469
Ion Ratio Lower Upper
82 100
128 36.3 29.0 43.6
54 56.0 44.6 67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion:164 Resp: 153603
Ion Ratio Lower Upper
164 100
162 94.4 77.5 116.3
160 43.0 34.7 52.1

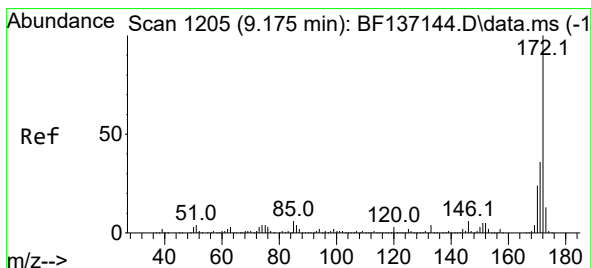
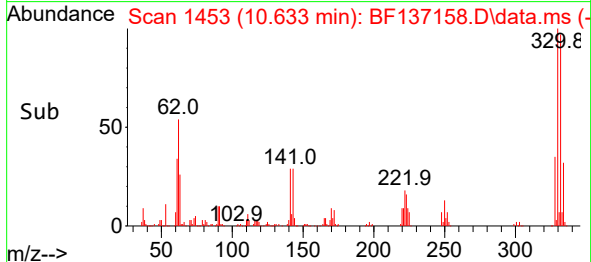
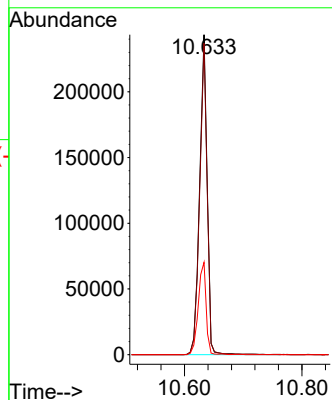
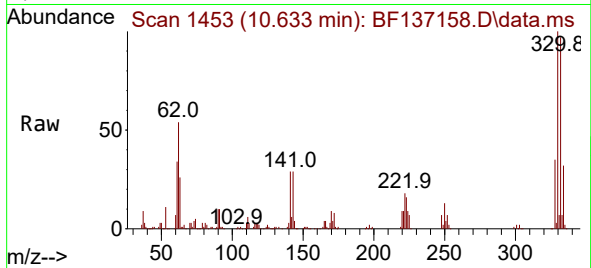




#42
 2,4,6-Tribromophenol
 Concen: 134.203 ng
 RT: 10.633 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF137158.D
 Acq: 25 Jan 2024 20:28

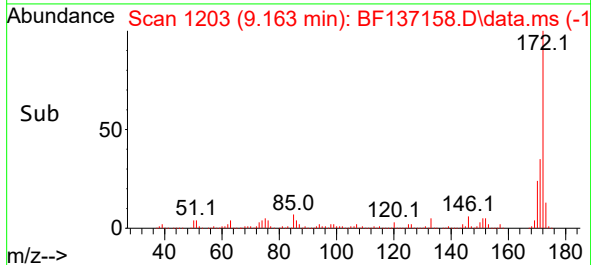
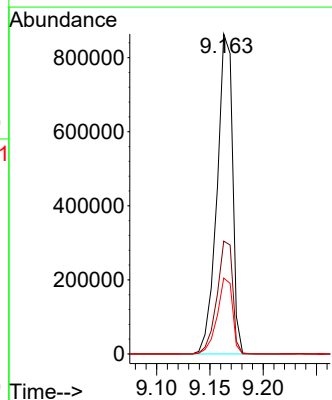
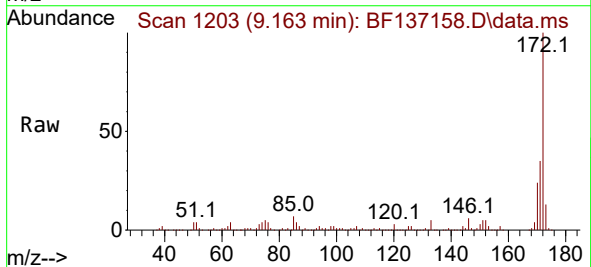
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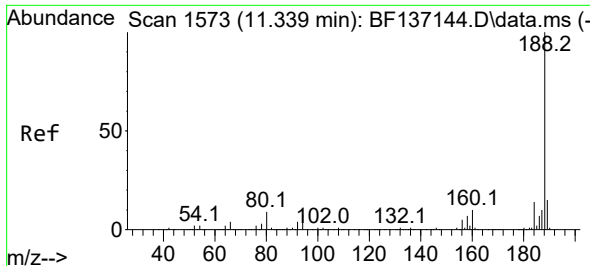
Tgt Ion:330 Resp: 216846
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 30.2 24.8 37.2



#45
 2-Fluorobiphenyl
 Concen: 79.044 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. -0.012 min
 Lab File: BF137158.D
 Acq: 25 Jan 2024 20:28

Tgt Ion:172 Resp: 872118
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.7 18.8 28.2

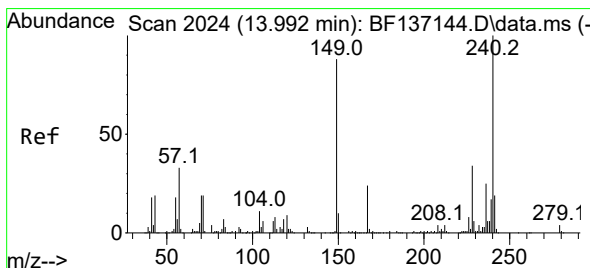
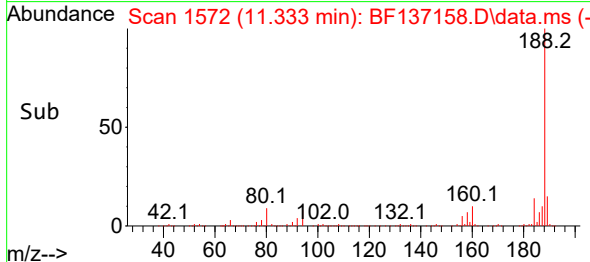
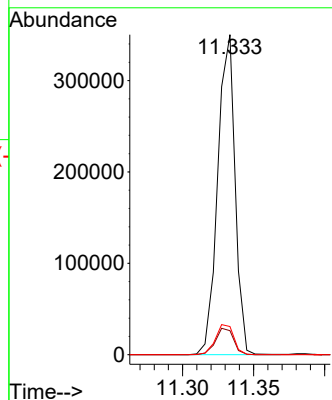
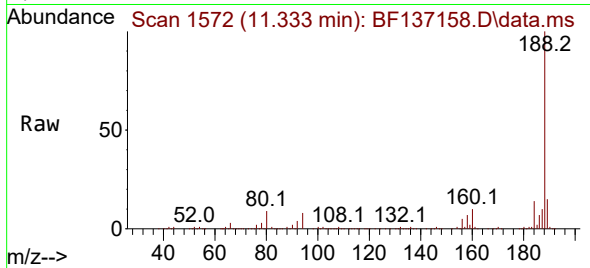




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

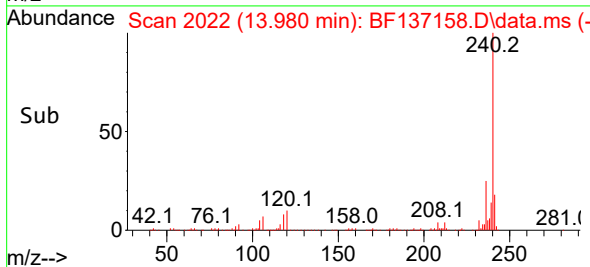
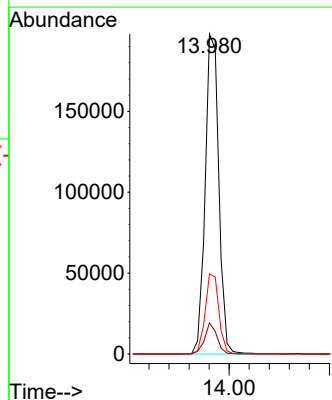
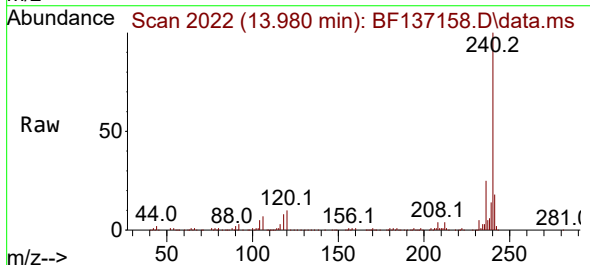
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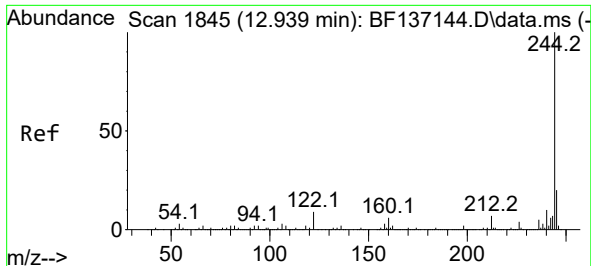
Tgt Ion:188 Resp: 298206
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF137158.D
Acq: 25 Jan 2024 20:28

Tgt Ion:240 Resp: 187682
Ion Ratio Lower Upper
240 100
120 9.8 6.9 10.3
236 25.0 20.4 30.6

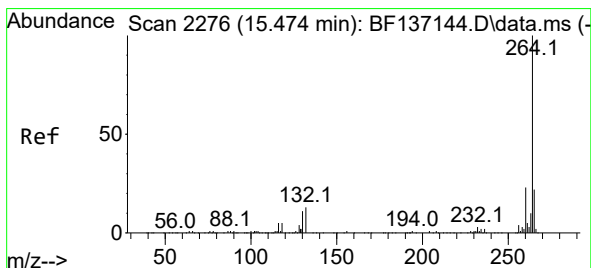
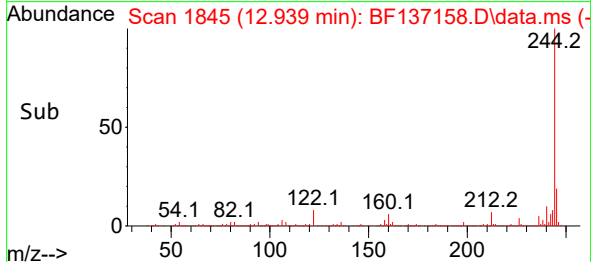
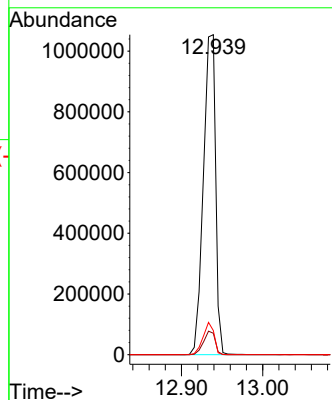
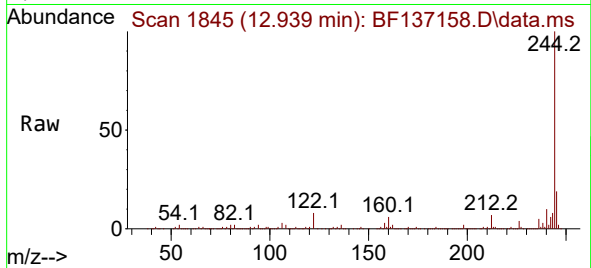




#79
 Terphenyl-d14
 Concen: 84.024 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF137158.D
 Acq: 25 Jan 2024 20:28

Instrument :
 BNA_F
 ClientSampleId :
 MR-308-0-2

Tgt Ion:244 Resp: 1102804
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 7.5 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.000 min
 Lab File: BF137158.D
 Acq: 25 Jan 2024 20:28

Tgt Ion:264 Resp: 172975
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 20.9 17.2 25.8

