

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137259.D
 Acq On : 02 Feb 2024 17:17
 Operator : CG\JU
 Sample : P1337-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Feb 02 17:42:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

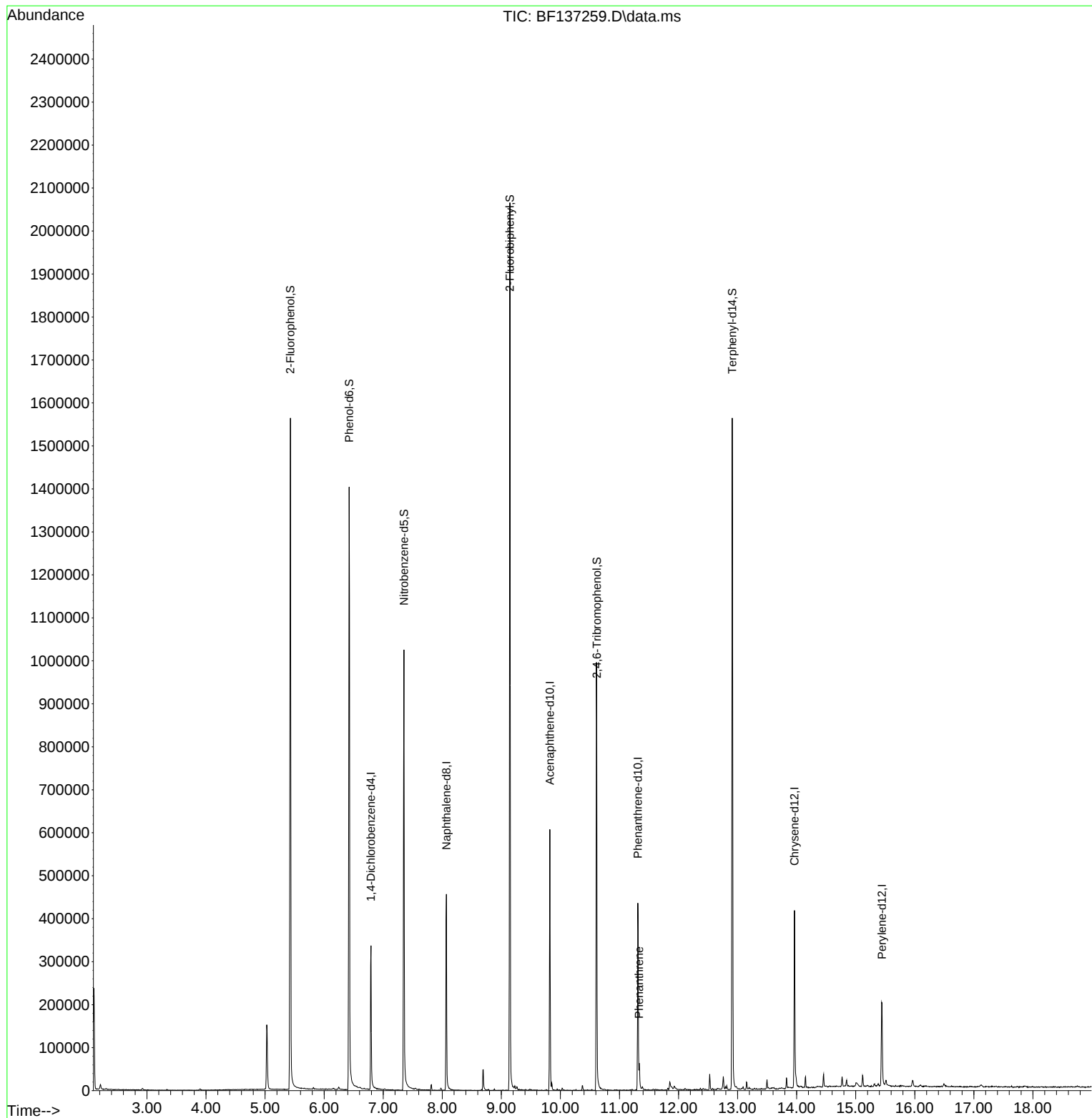
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	51311	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	206723	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	110445	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	176109	20.000	ng	0.00
76) Chrysene-d12	13.963	240	146340	20.000	ng	-0.01
86) Perylene-d12	15.445	264	110113	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	395828	127.292	ng	0.01
7) Phenol-d6	6.422	99	520205	117.224	ng	0.00
23) Nitrobenzene-d5	7.351	82	346213	74.982	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	123020	98.628	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	586111	72.951	ng	0.00
79) Terphenyl-d14	12.910	244	568074	52.772	ng	-0.01
Target Compounds						
71) Phenanthrene	11.333	178	21672	2.351	ng	Qvalue 97

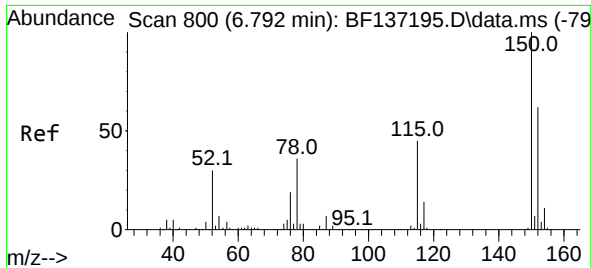
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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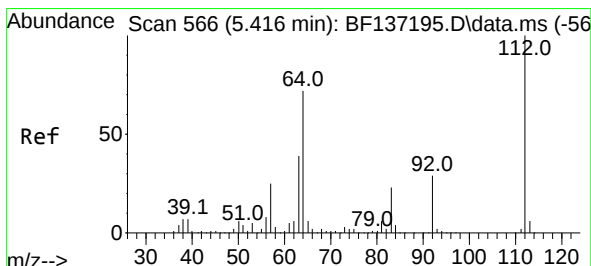
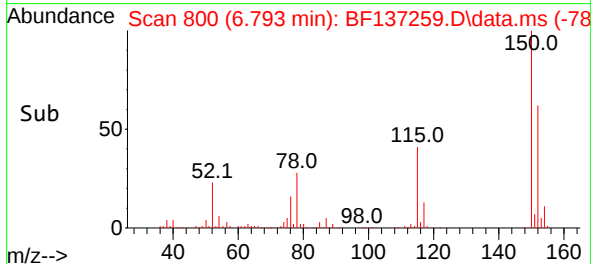
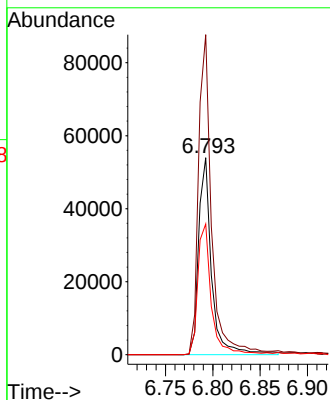
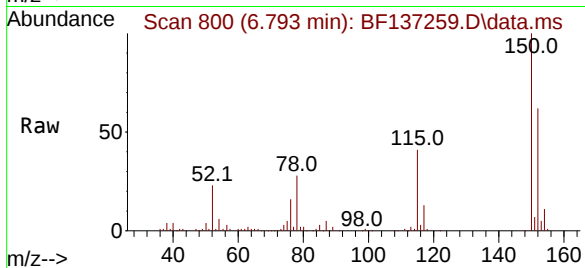




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

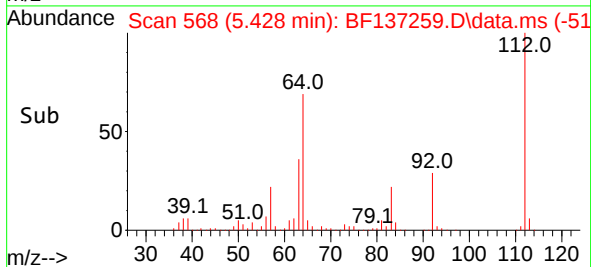
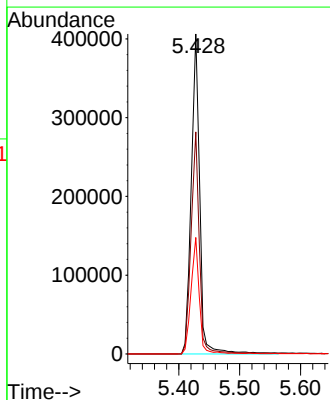
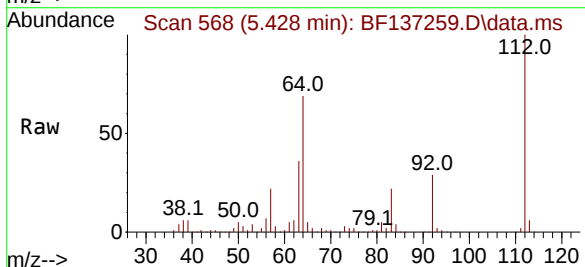
Instrument :
BNA_F
ClientSampleId :
TP-4

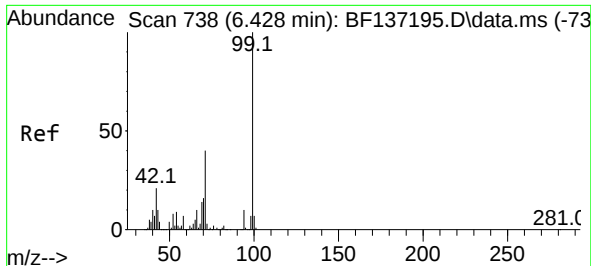
Tgt Ion:152 Resp: 51311
Ion Ratio Lower Upper
152 100
150 162.5 129.8 194.8
115 66.4 58.5 87.7



#5
2-Fluorophenol
Concen: 127.292 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:112 Resp: 395828
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.6
63 36.4 31.4 47.0





#7
Phenol-d6
Concen: 117.224 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

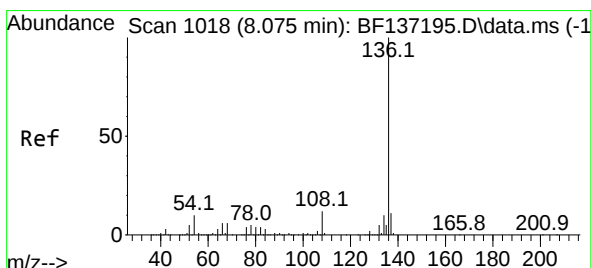
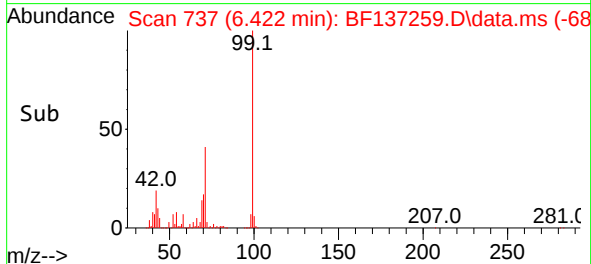
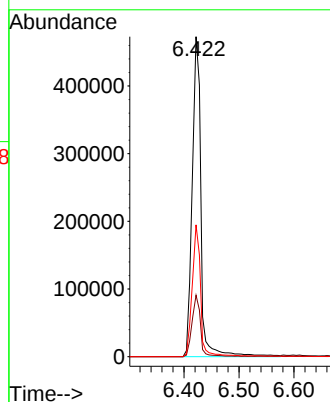
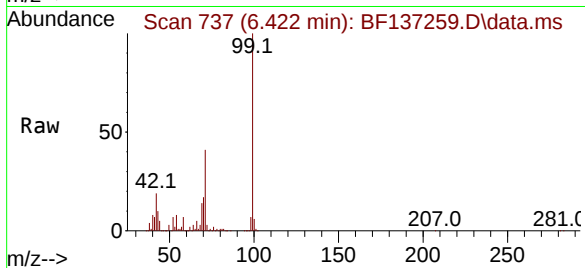
Instrument :

BNA_F

ClientSampleId :

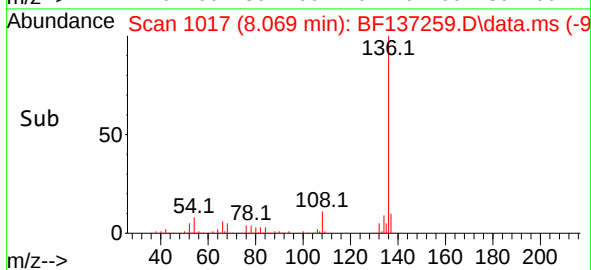
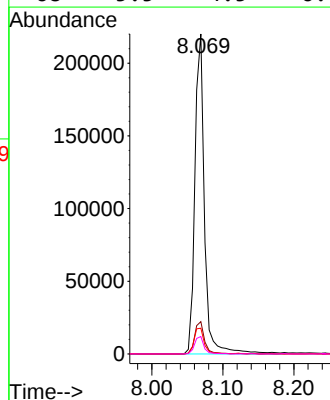
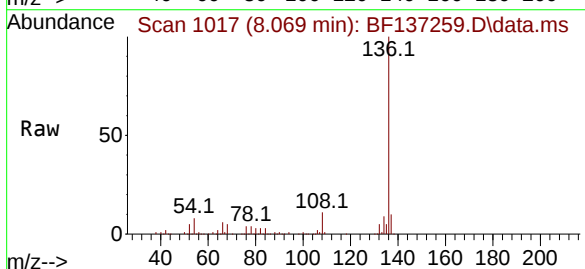
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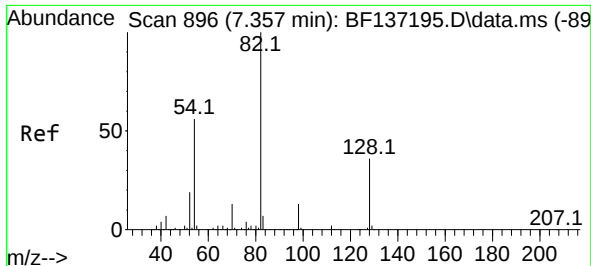
Tgt Ion: 99 Resp: 520205
Ion Ratio Lower Upper
99 100
42 19.2 16.4 24.6
71 41.2 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 136 Resp: 206723
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 8.0 7.8 11.8
68 5.5 4.5 6.7

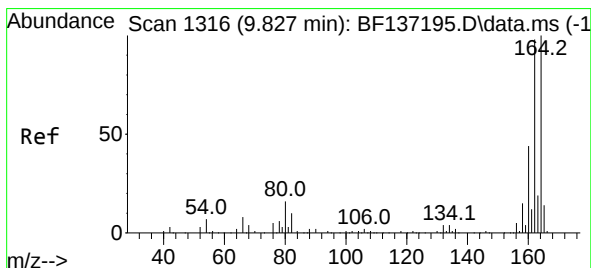
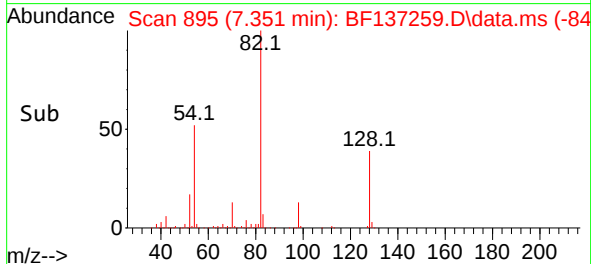
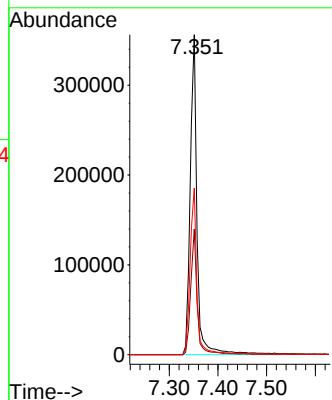
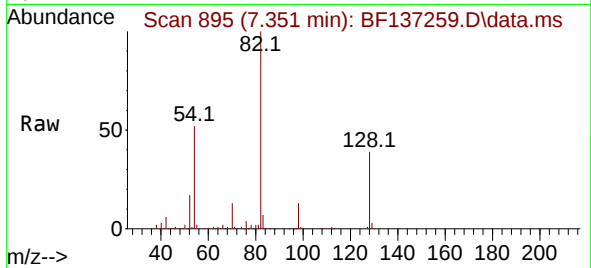




#23
Nitrobenzene-d5
Concen: 74.982 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

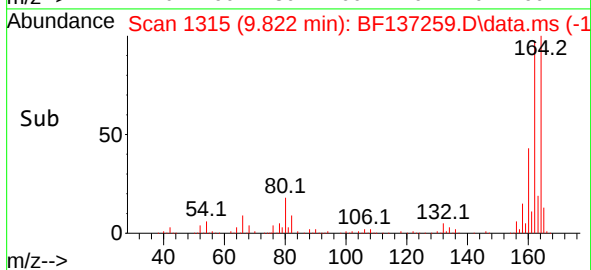
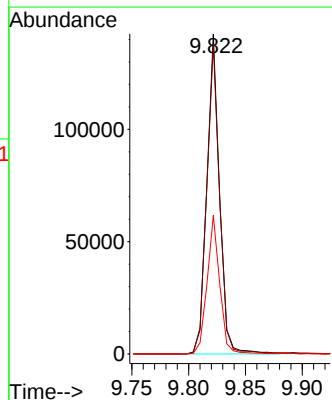
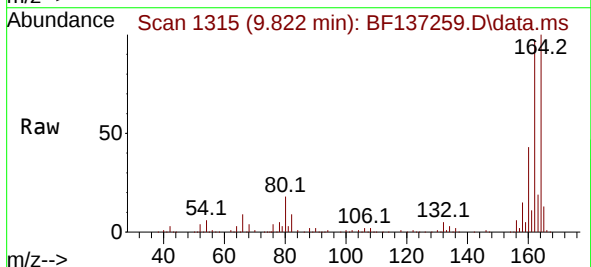
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 346213
Ion Ratio Lower Upper
82 100
128 39.2 29.1 43.7
54 52.1 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:164 Resp: 110445
Ion Ratio Lower Upper
164 100
162 96.8 78.3 117.5
160 43.3 35.4 53.2

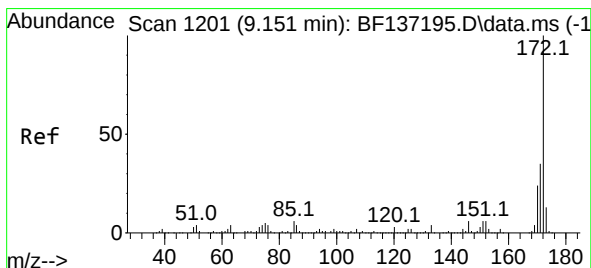
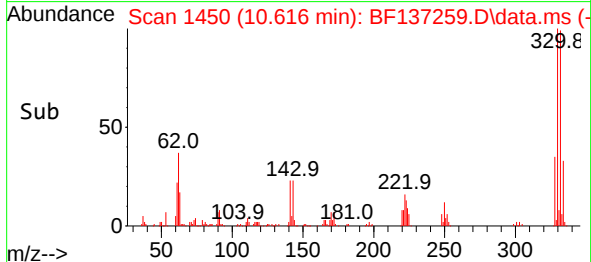
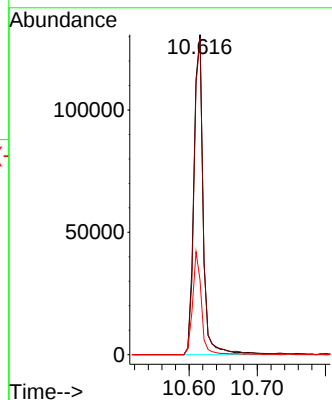
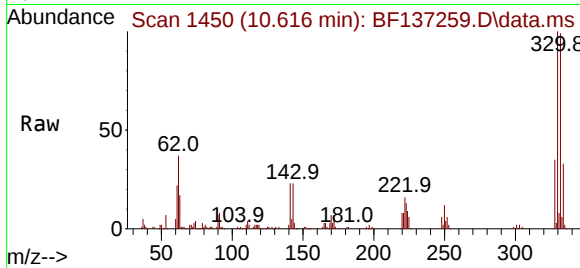




#42
2,4,6-Tribromophenol
Concen: 98.628 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

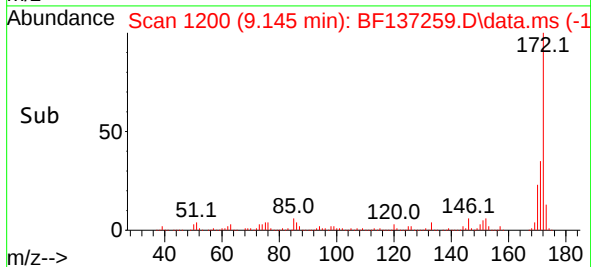
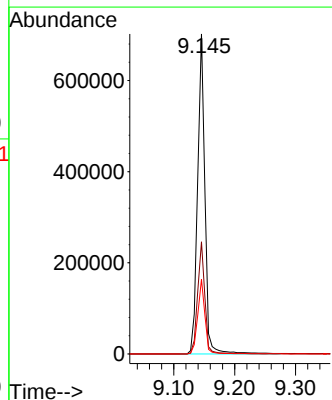
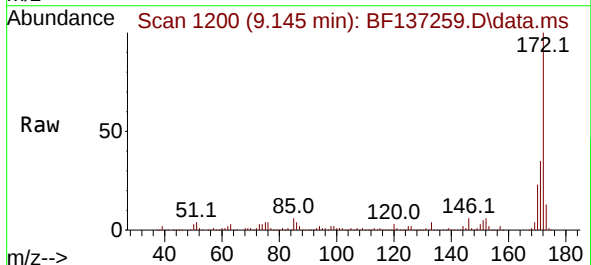
Instrument :
BNA_F
ClientSampleId :
TP-4

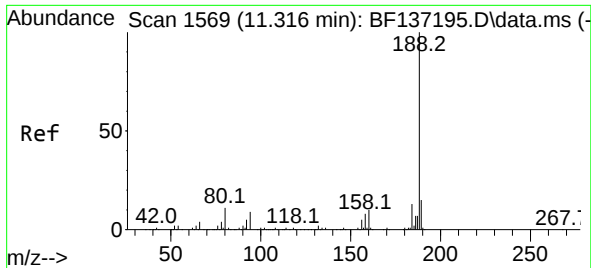
Tgt Ion:330 Resp: 123020
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 72.951 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:172 Resp: 586111
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.3 19.1 28.7

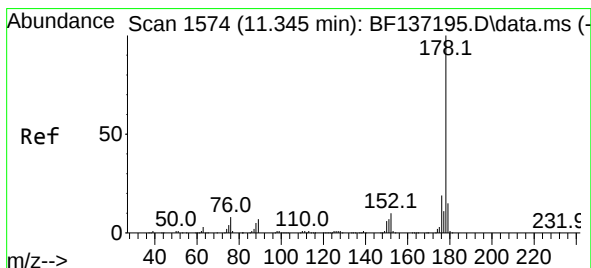
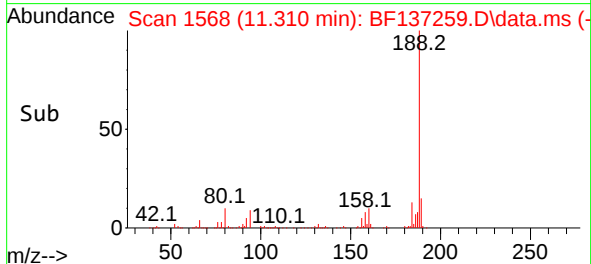
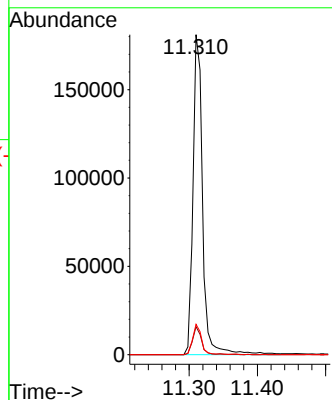
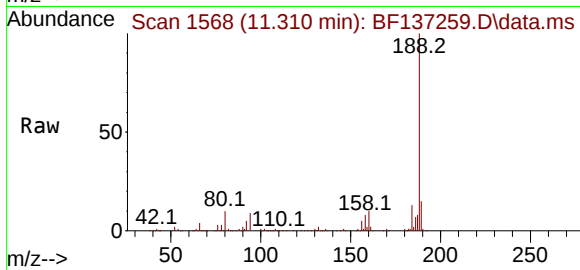




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

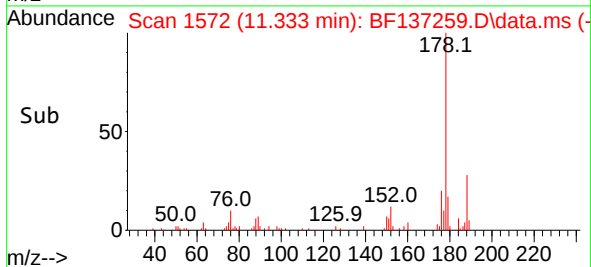
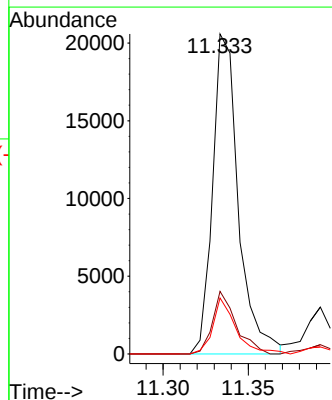
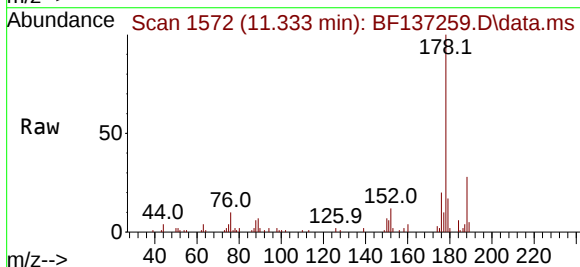
Instrument :
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ClientSampleId :
TP-4

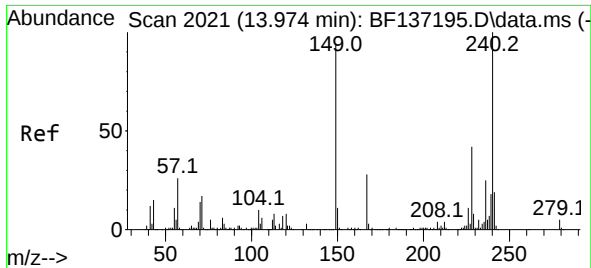
Tgt Ion:188 Resp: 176109
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.5 8.8 13.2



#71
Phenanthrene
Concen: 2.351 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:178 Resp: 21672
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 17.5 12.1 18.1

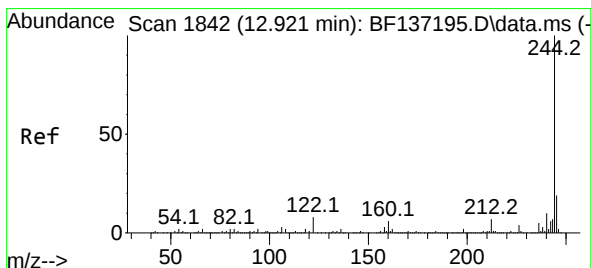
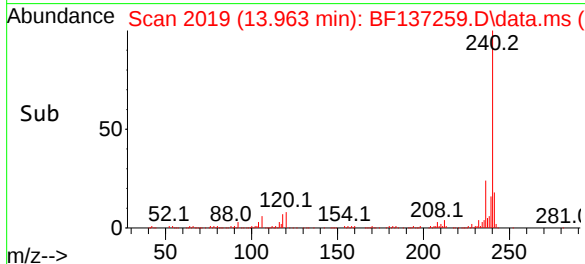
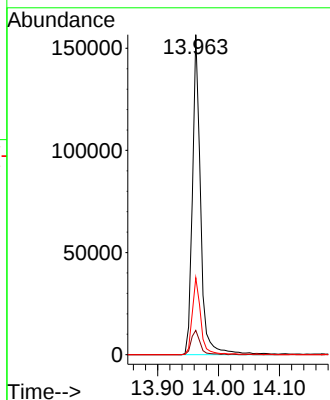
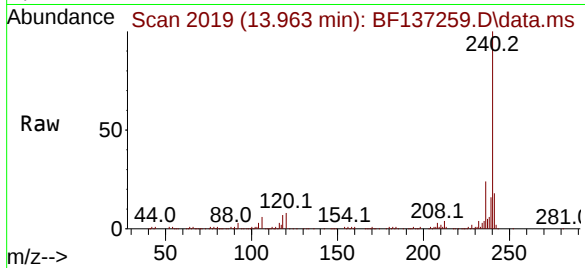




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

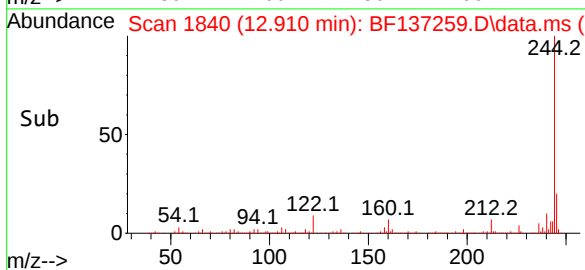
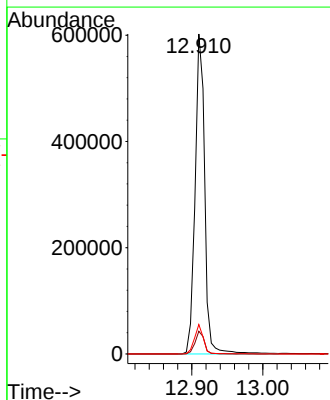
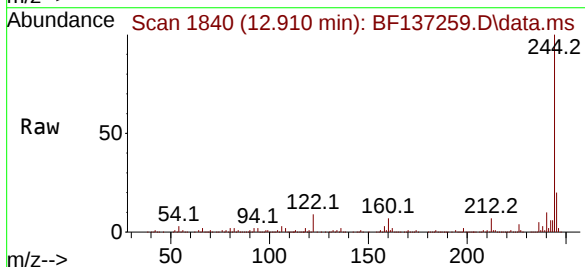
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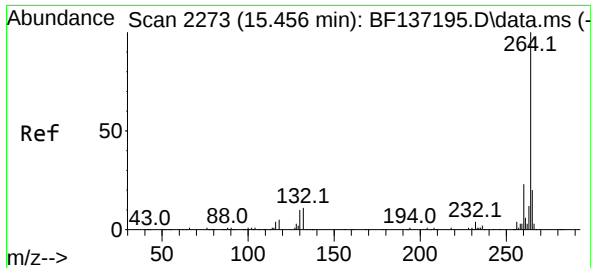
Tgt Ion:240 Resp: 146340
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 24.0 20.3 30.5



#79
Terphenyl-d14
Concen: 52.772 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:244 Resp: 568074
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.2 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137259.D
 Acq: 02 Feb 2024 17:17

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 110113
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.2 27.4
 265 19.8 16.2 24.2

