

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136443.D
 Acq On : 07 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157532BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157532BL

Quant Time: Dec 07 18:57:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	119333	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	490071	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	257715	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	503363	20.000	ng	0.00
76) Chrysene-d12	13.974	240	344242	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	269154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1141933	141.322	ng	0.02
7) Phenol-d6	6.440	99	1416850	140.540	ng	0.00
23) Nitrobenzene-d5	7.363	82	865657	95.492	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	456754	143.740	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1778191	94.148	ng	0.00
79) Terphenyl-d14	12.927	244	2339045	89.558	ng	0.00

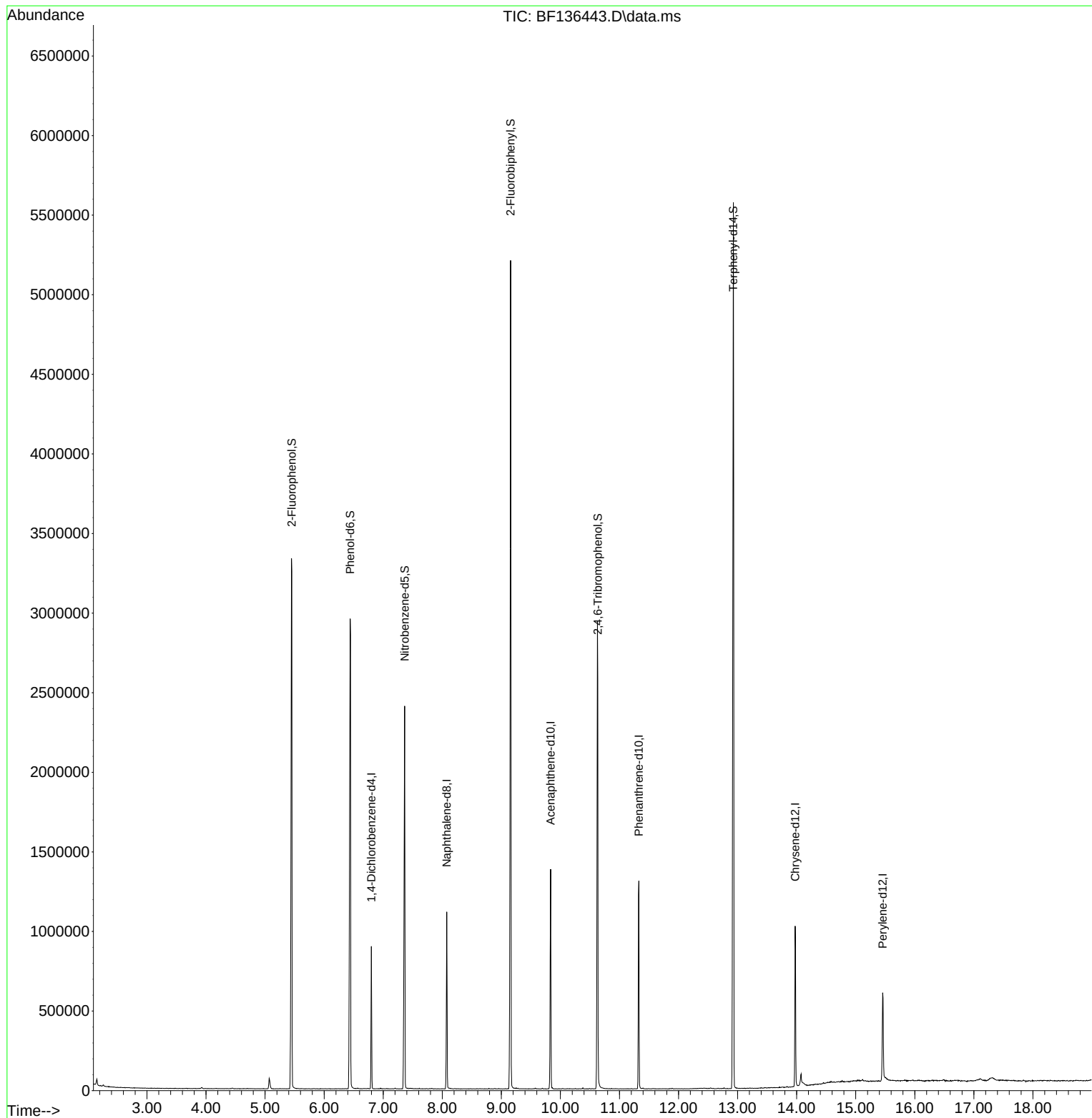
Target Compounds	Qvalue

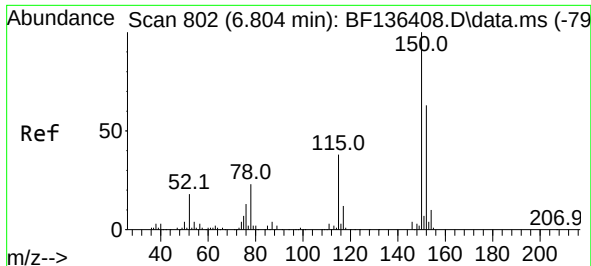
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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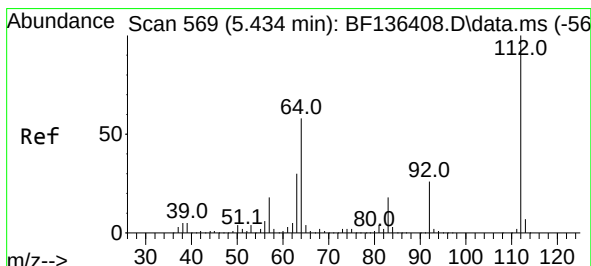
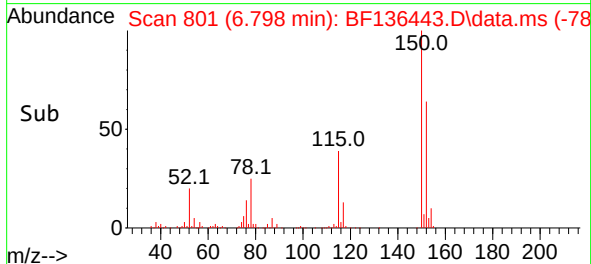
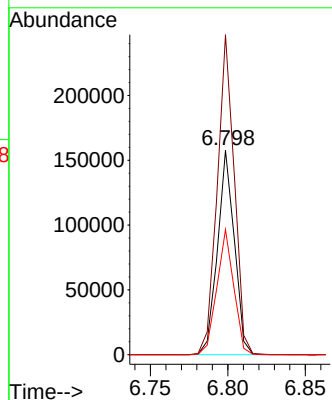
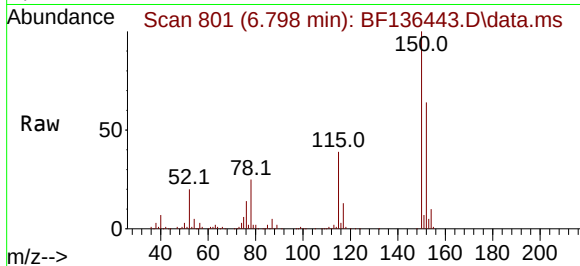




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

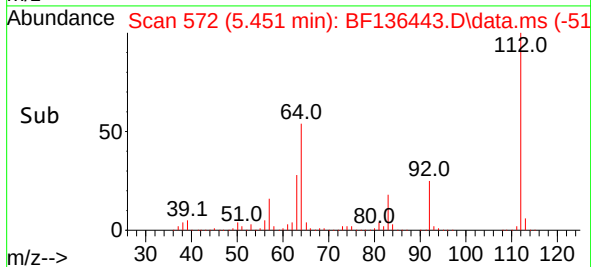
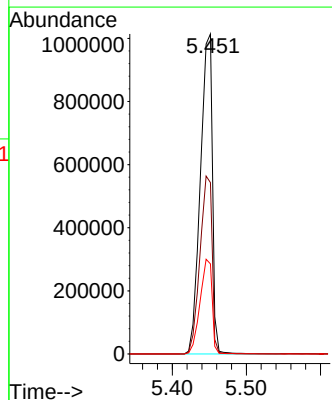
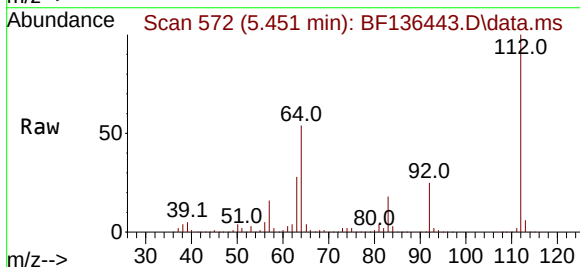
Instrument :
BNA_F
ClientSampleId :
PB157532BL

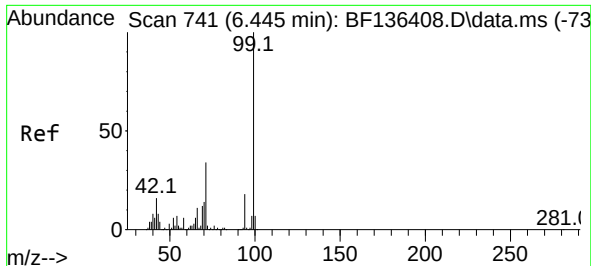
Tgt Ion:152 Resp: 119333
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 61.2 48.2 72.4



#5
2-Fluorophenol
Concen: 141.322 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

Tgt Ion:112 Resp: 1141933
Ion Ratio Lower Upper
112 100
64 53.6 46.5 69.7
63 28.1 23.9 35.9

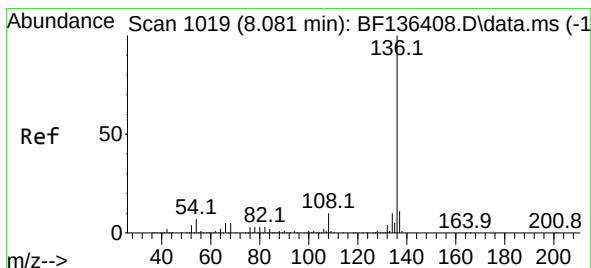
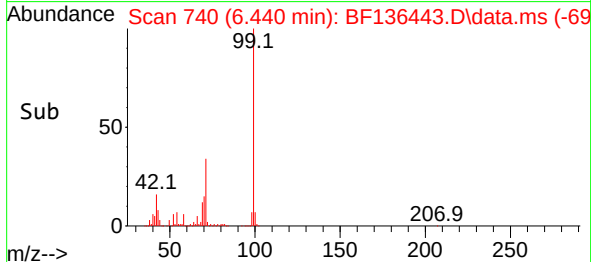
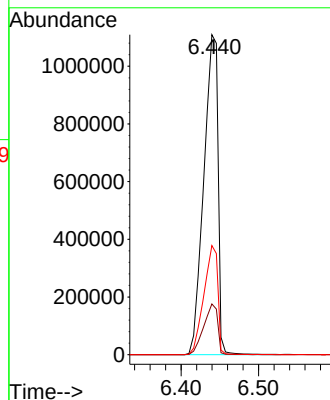
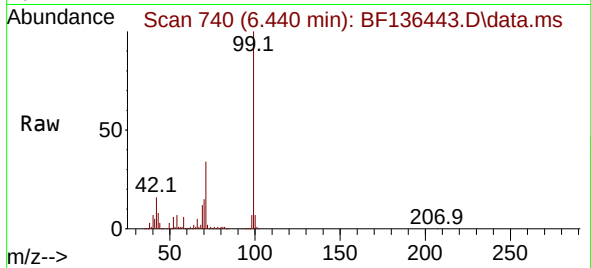




#7
Phenol-d6
Concen: 140.540 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

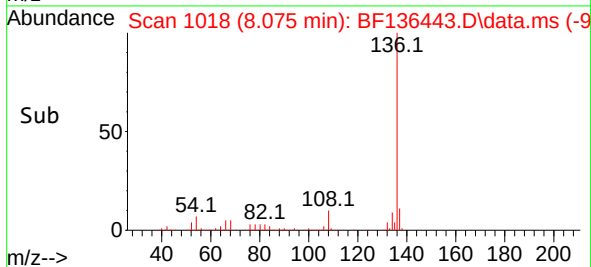
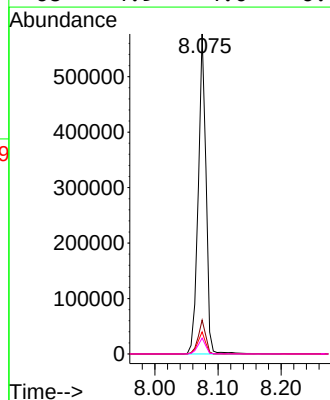
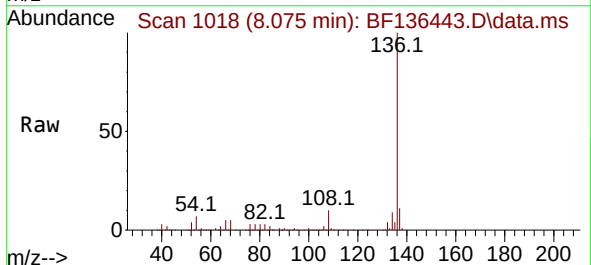
Instrument :
BNA_F
ClientSampleId :
PB157532BL

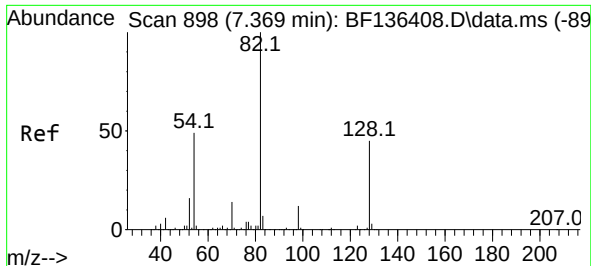
Tgt Ion: 99 Resp: 1416850
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 34.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

Tgt Ion: 136 Resp: 490071
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.9 5.7 8.5
68 4.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 95.492 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136443.D

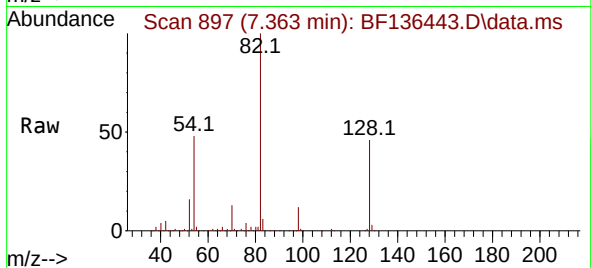
Acq: 07 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157532BL



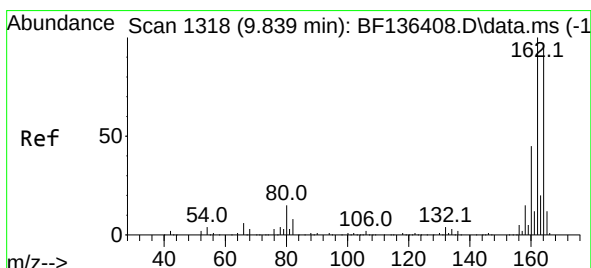
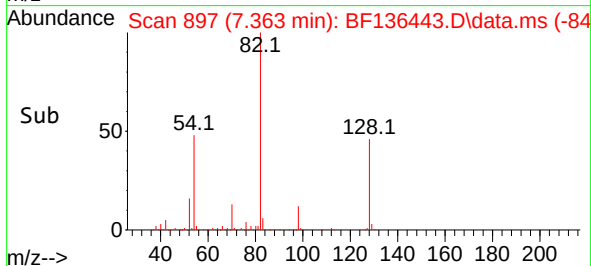
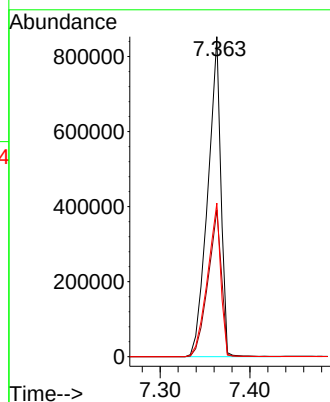
Tgt Ion: 82 Resp: 865657

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 48.0 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136443.D

Acq: 07 Dec 2023 12:50

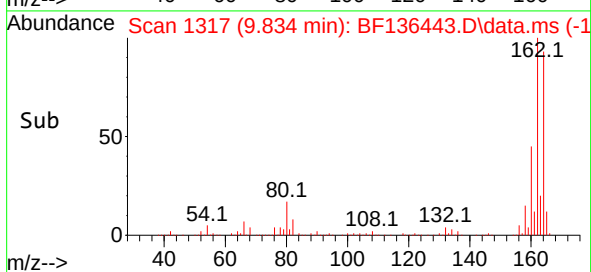
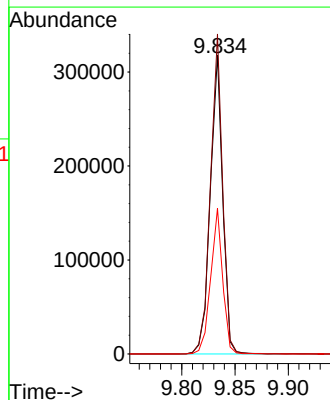
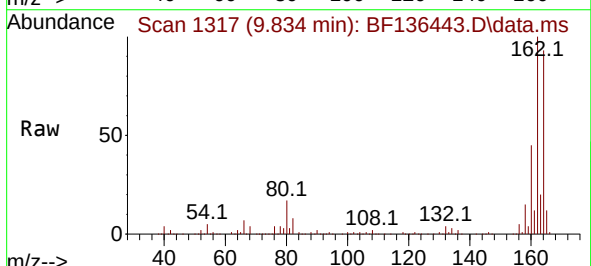
Tgt Ion: 164 Resp: 257715

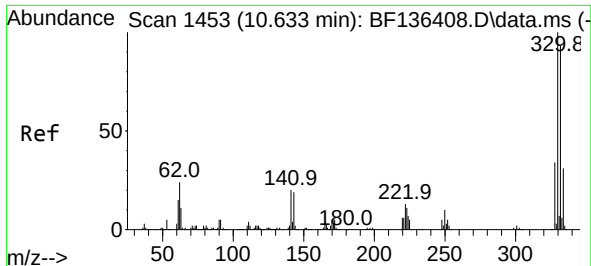
Ion Ratio Lower Upper

164 100

162 107.0 84.4 126.6

160 48.7 37.6 56.4

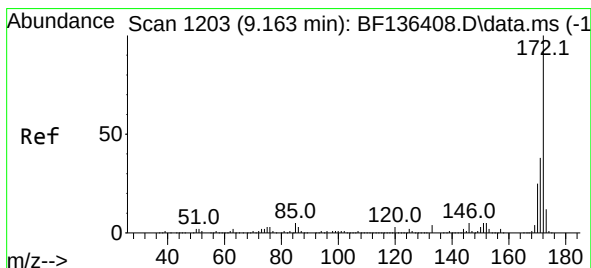
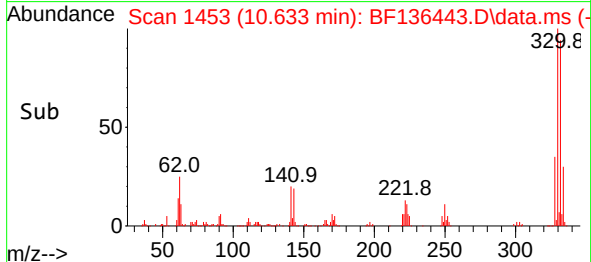
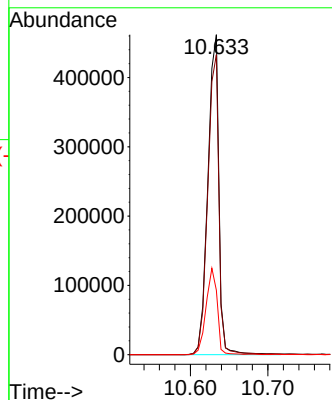
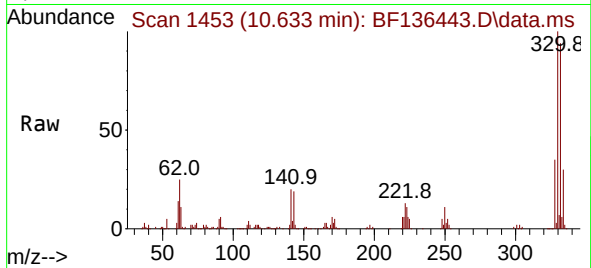




#42
 2,4,6-Tribromophenol
 Concen: 143.740 ng
 RT: 10.633 min Scan# 1453
 Delta R.T. 0.000 min
 Lab File: BF136443.D
 Acq: 07 Dec 2023 12:50

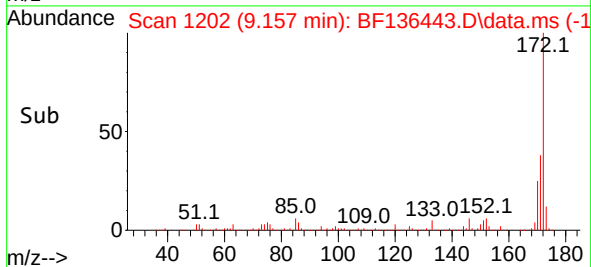
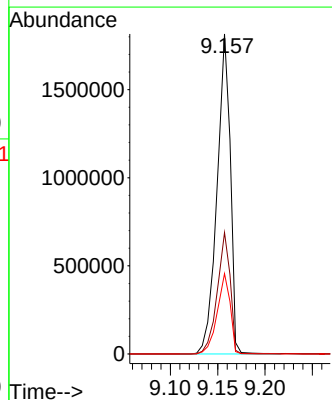
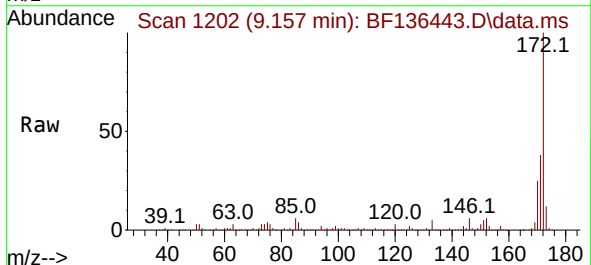
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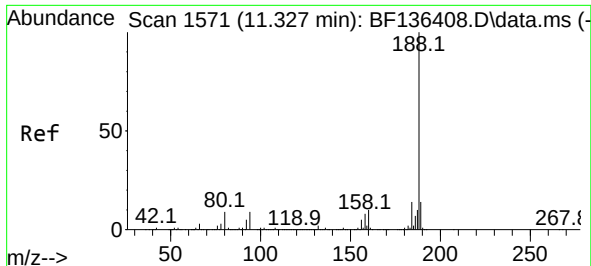
Tgt Ion:330 Resp: 456754
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.4 114.6
 141 27.5 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 94.148 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BF136443.D
 Acq: 07 Dec 2023 12:50

Tgt Ion:172 Resp: 1778191
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.5 45.7
 170 25.1 19.9 29.9

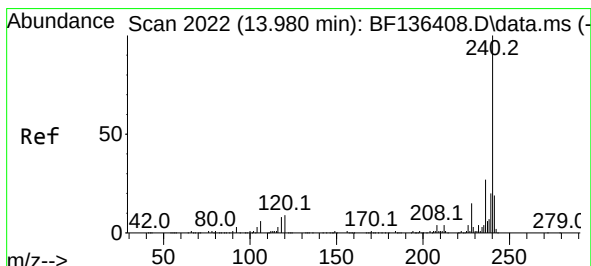
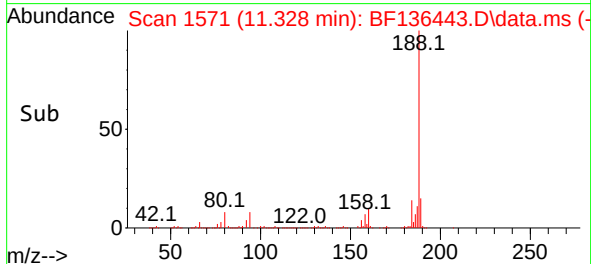
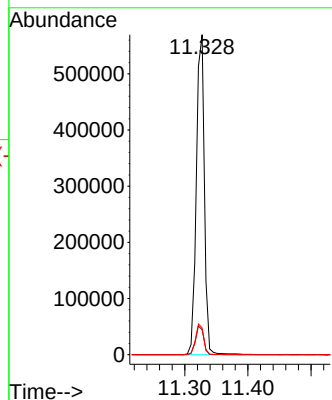
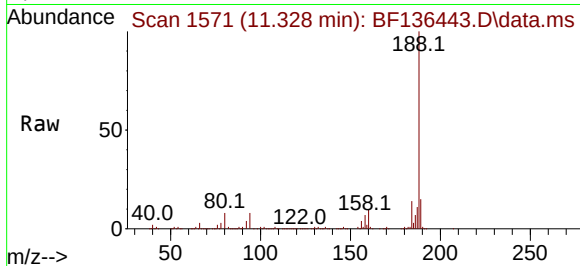




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

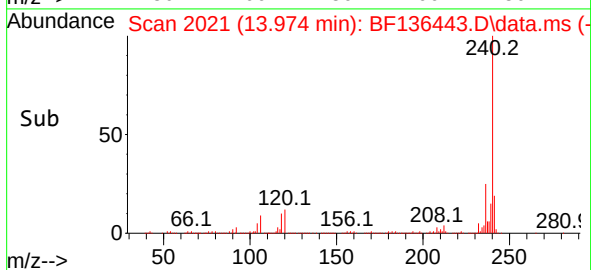
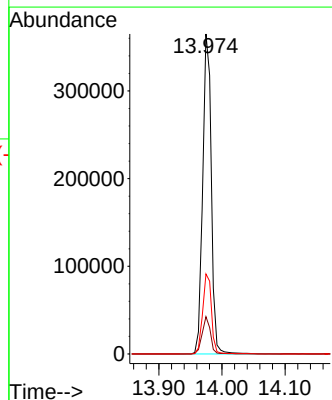
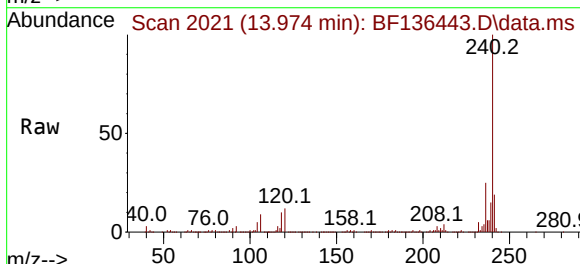
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ClientSampleId :
PB157532BL

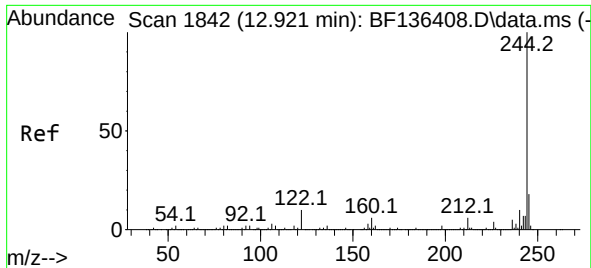
Tgt Ion:188 Resp: 503363
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

Tgt Ion:240 Resp: 344242
Ion Ratio Lower Upper
240 100
120 11.7 7.3 10.9#
236 25.0 21.3 31.9

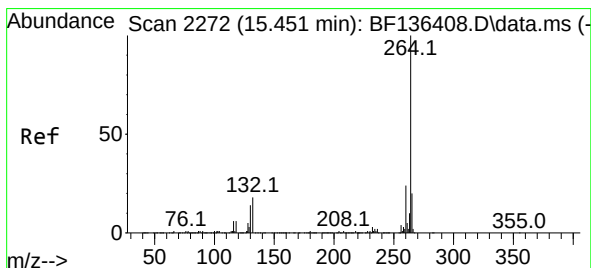
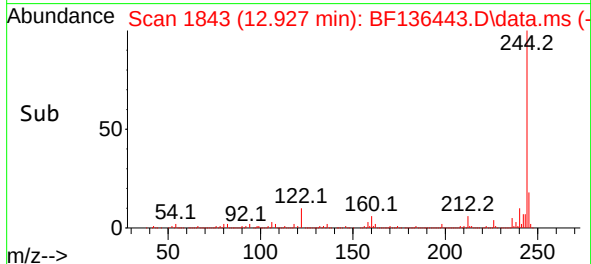
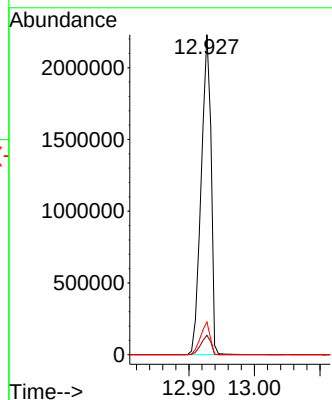
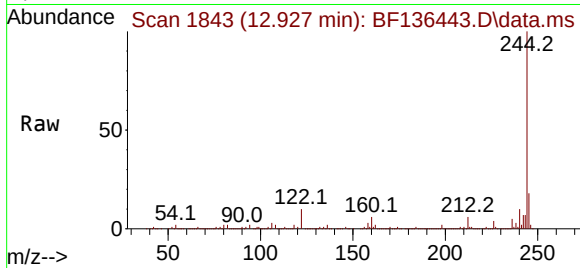




#79
 Terphenyl-d14
 Concen: 89.558 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF136443.D
 Acq: 07 Dec 2023 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB157532BL

Tgt Ion:244 Resp: 2339045
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136443.D
 Acq: 07 Dec 2023 12:50

Tgt Ion:264 Resp: 269154
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 15.9 23.9

