

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136004.D
 Acq On : 28 Oct 2023 14:28
 Operator : CG\JU
 Sample : PB156249TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156249TB

Quant Time: Oct 30 00:25:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	164797	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	661537	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	341328	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	650505	20.000	ng	0.00
76) Chrysene-d12	14.010	240	495228	20.000	ng	0.00
86) Perylene-d12	15.498	264	403237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1345983	126.120	ng	0.02
7) Phenol-d6	6.457	99	1684291	126.767	ng	0.00
23) Nitrobenzene-d5	7.387	82	977629	94.231	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	501821	167.966	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1804254	84.642	ng	0.00
79) Terphenyl-d14	12.957	244	2295674	77.450	ng	0.00

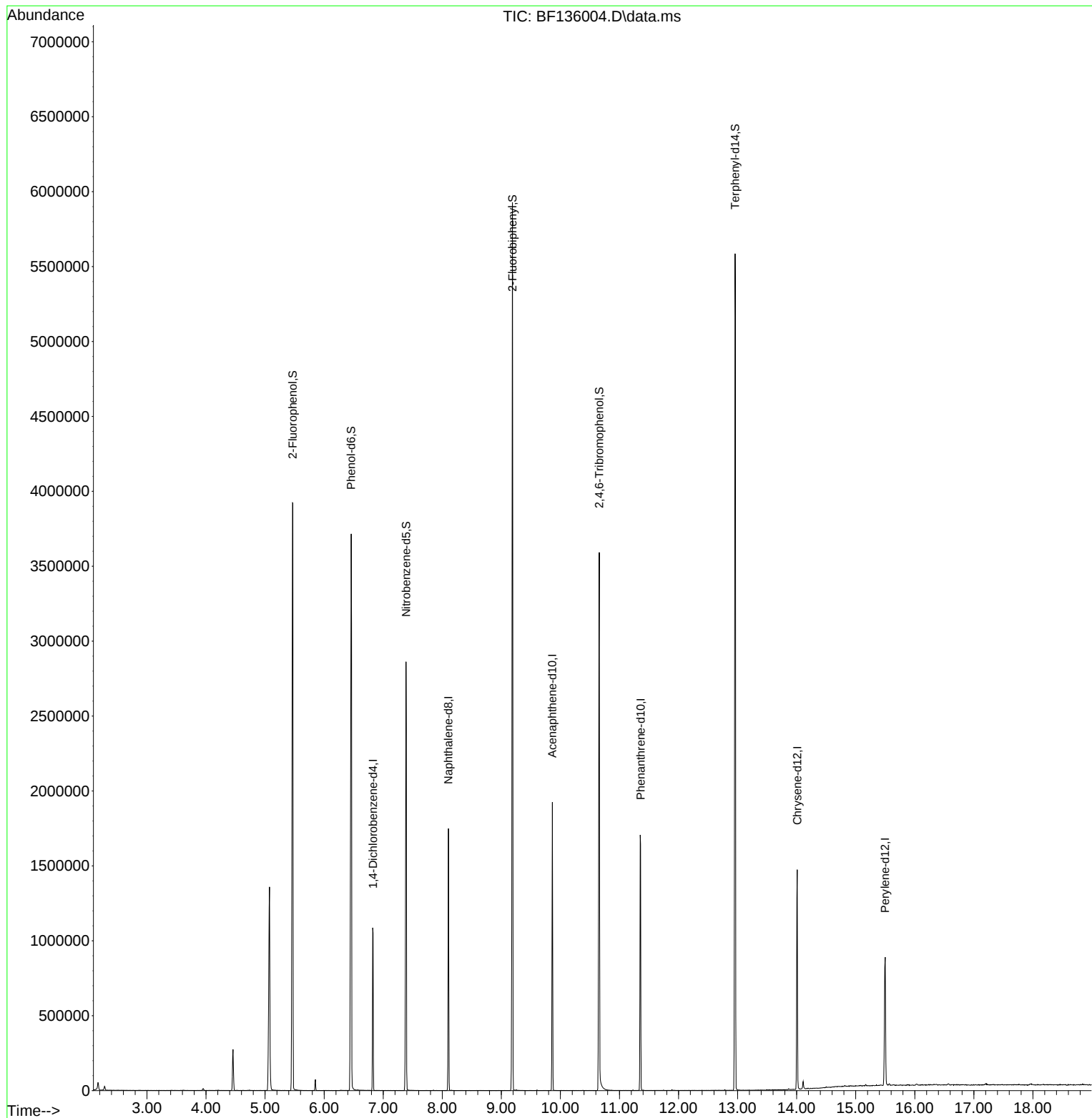
Target Compounds	Qvalue

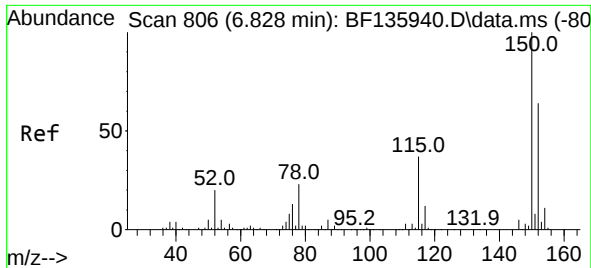
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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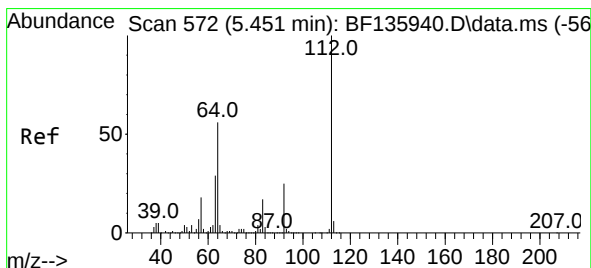
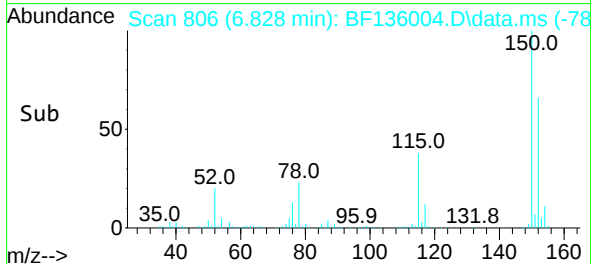
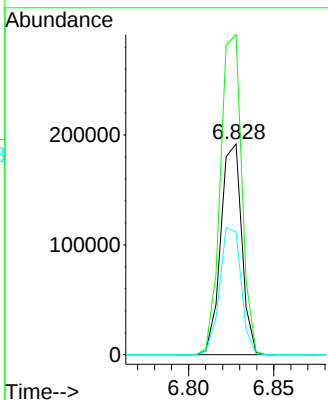
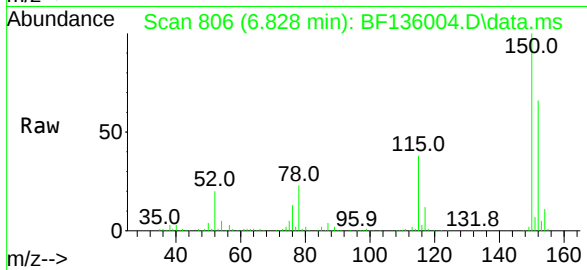




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

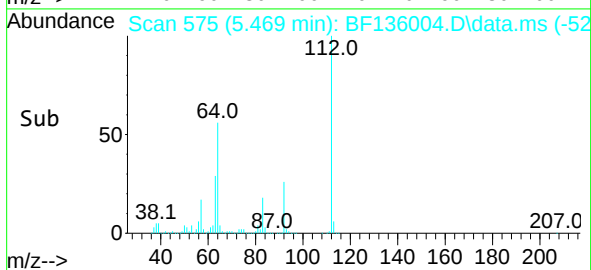
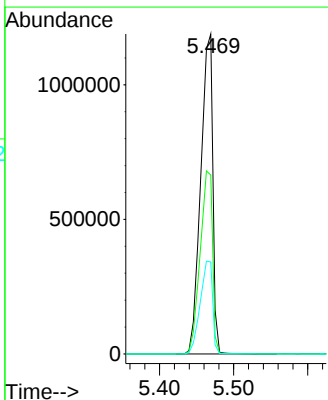
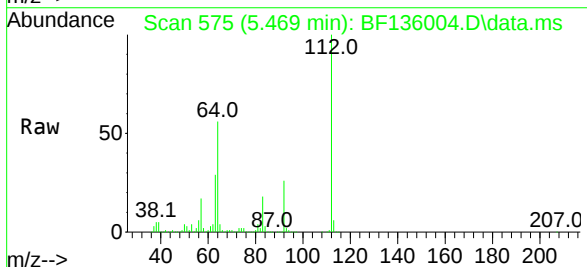
Instrument :
BNA_F
ClientSampleId :
PB156249TB

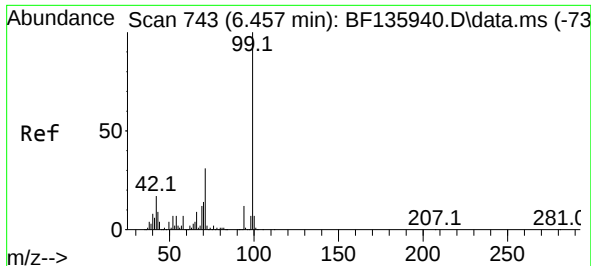
Tgt Ion:152 Resp: 164797
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 126.120 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion:112 Resp: 1345983
Ion Ratio Lower Upper
112 100
64 55.9 45.1 67.7
63 28.8 23.0 34.4

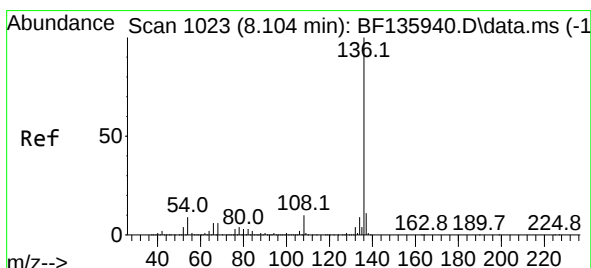
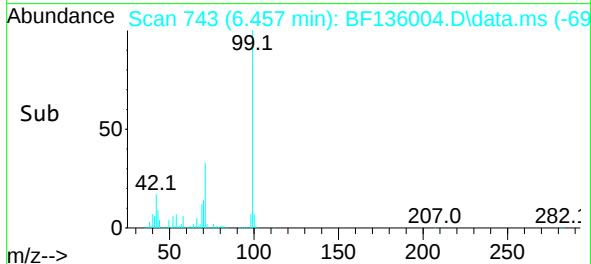
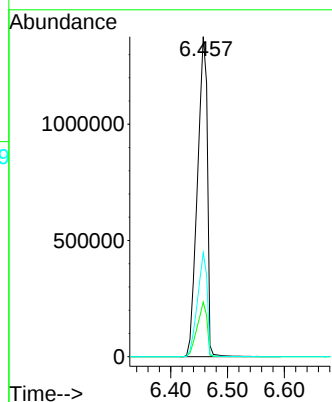
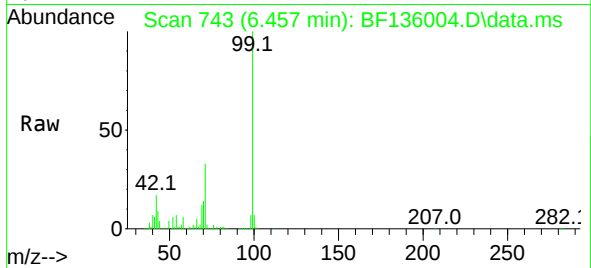




#7
Phenol-d6
Concen: 126.767 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

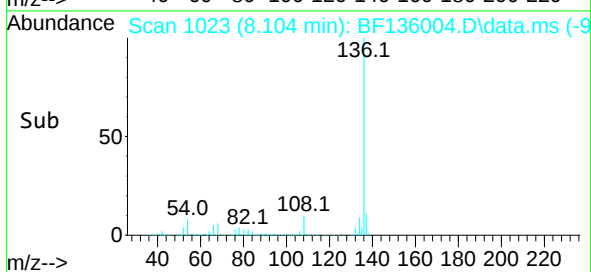
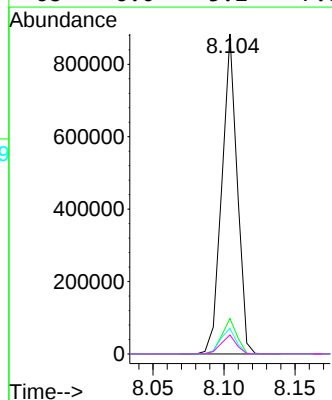
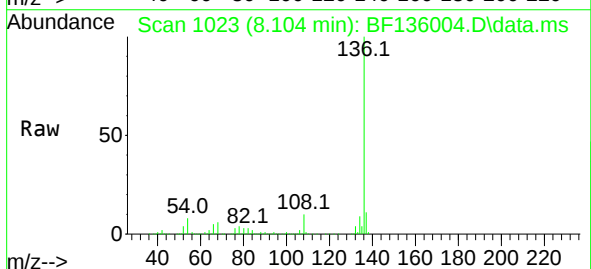
Instrument :
BNA_F
ClientSampleId :
PB156249TB

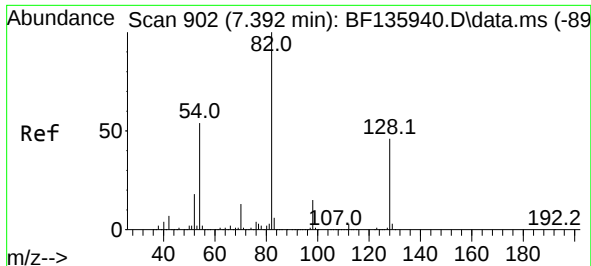
Tgt Ion: 99 Resp: 1684291
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.8
71 32.5 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

Tgt Ion: 136 Resp: 661537
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.0 7.1 10.7
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 94.231 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF136004.D

Acq: 28 Oct 2023 14:28

Instrument :

BNA_F

ClientSampleId :

PB156249TB

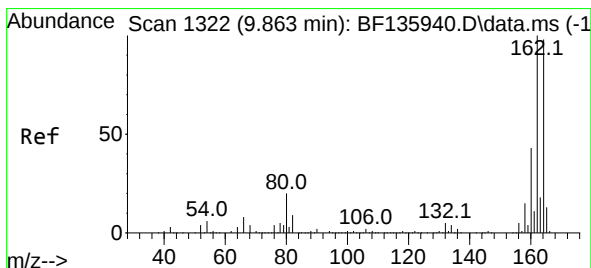
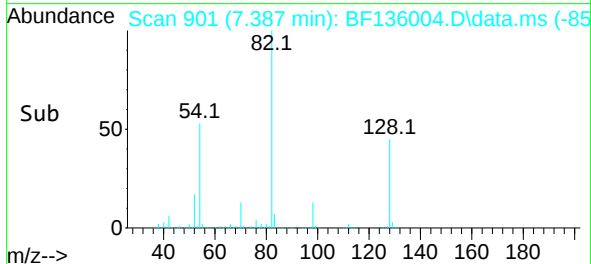
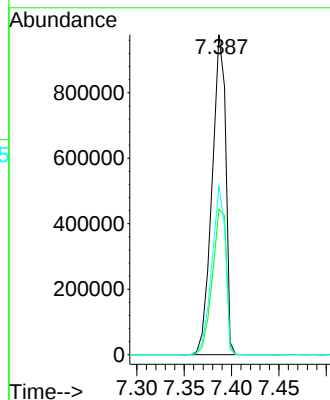
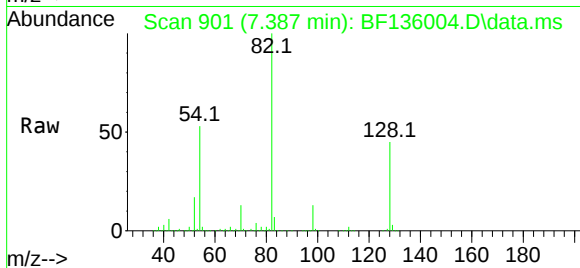
Tgt Ion: 82 Resp: 977629

Ion Ratio Lower Upper

82 100

128 45.4 36.8 55.2

54 52.5 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136004.D

Acq: 28 Oct 2023 14:28

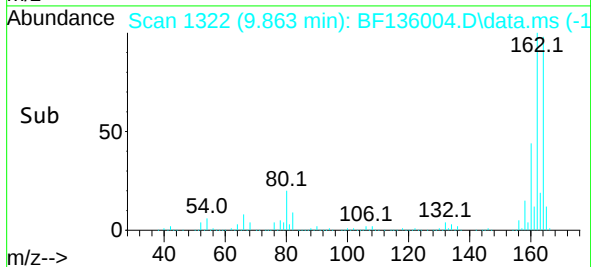
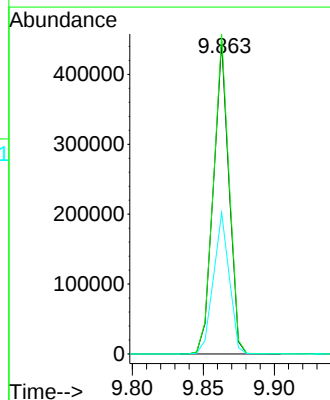
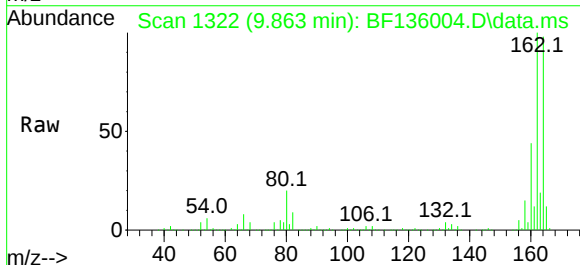
Tgt Ion:164 Resp: 341328

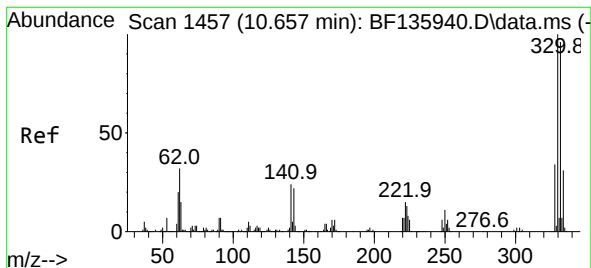
Ion Ratio Lower Upper

164 100

162 102.3 82.0 123.0

160 45.2 35.6 53.4

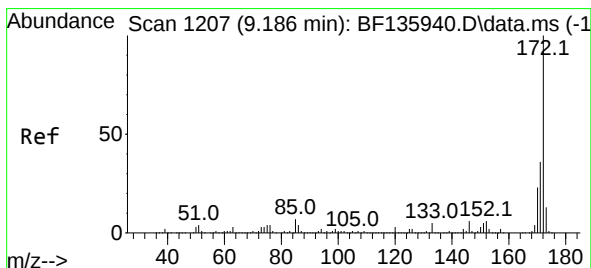
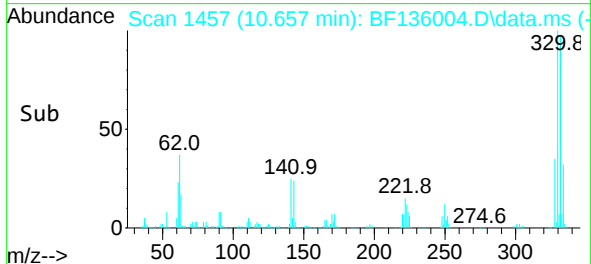
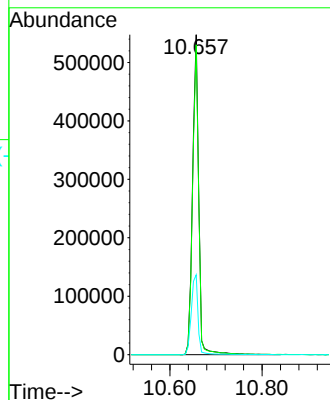
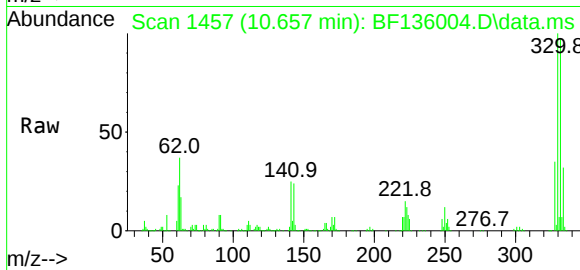




#42
 2,4,6-Tribromophenol
 Concen: 167.966 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: BF136004.D
 Acq: 28 Oct 2023 14:28

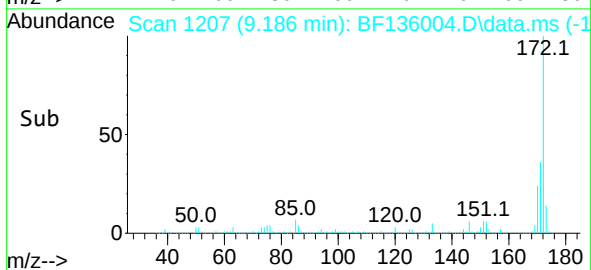
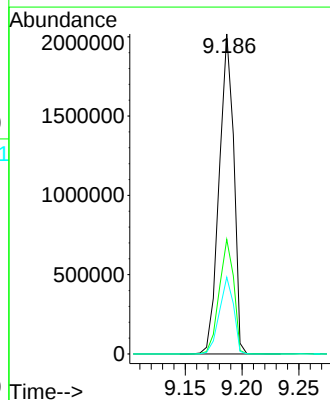
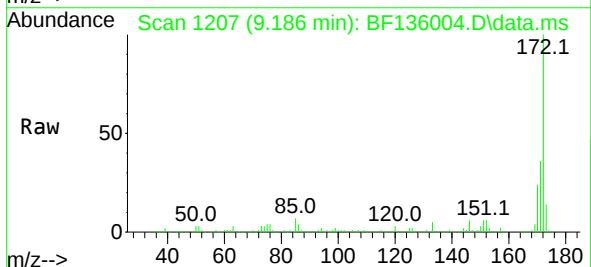
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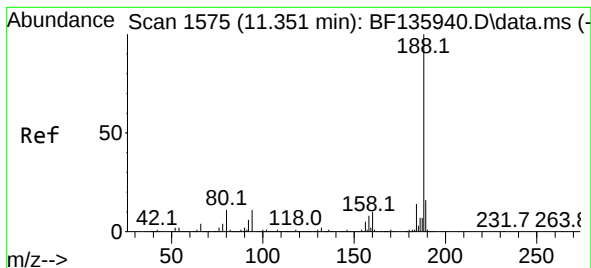
Tgt Ion: 330 Resp: 501821
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 27.8 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 84.642 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF136004.D
 Acq: 28 Oct 2023 14:28

Tgt Ion: 172 Resp: 1804254
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.0 18.6 28.0

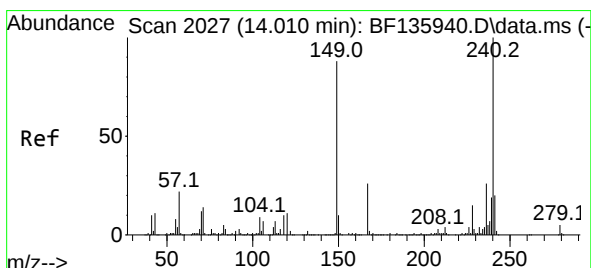
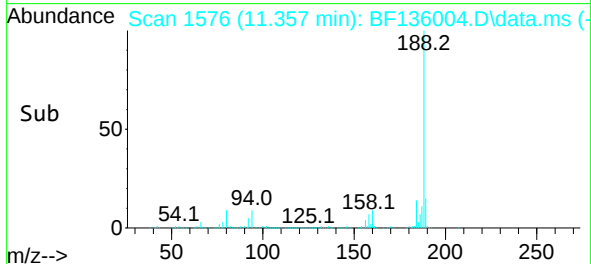
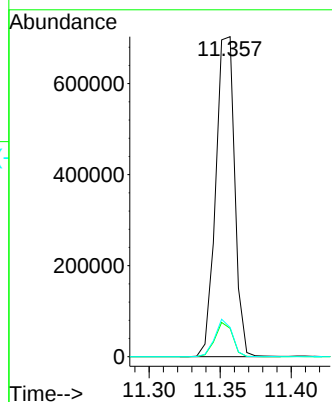
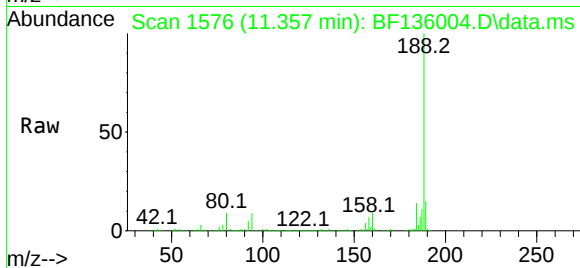




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

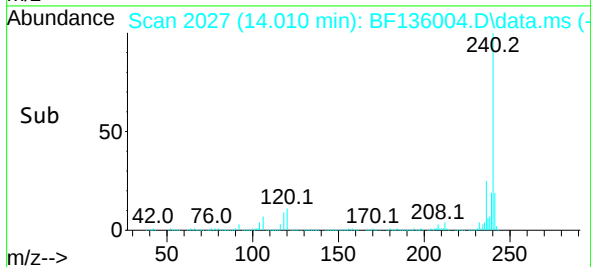
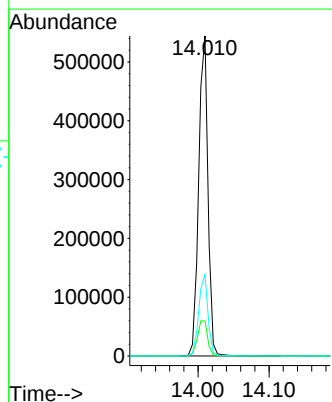
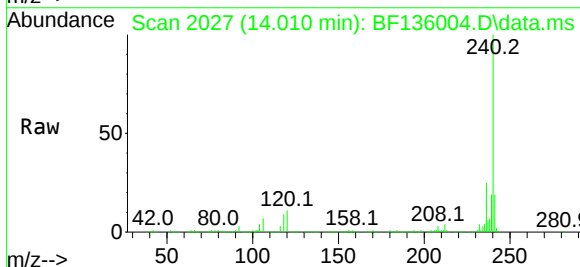
Instrument :
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ClientSampleId :
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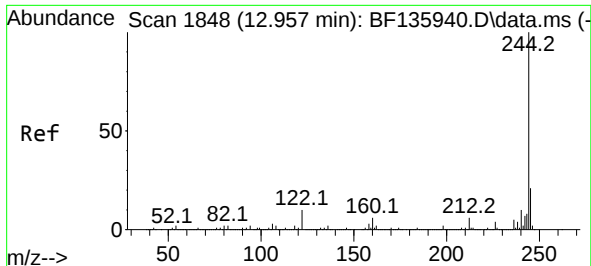
Tgt Ion:188 Resp: 650505
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.1 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136004.D
Acq: 28 Oct 2023 14:28

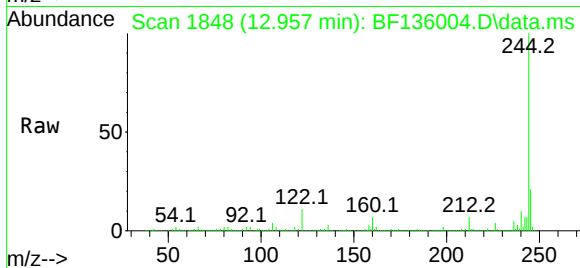
Tgt Ion:240 Resp: 495228
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 25.4 20.6 30.8





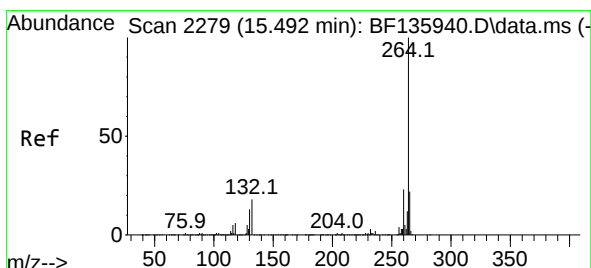
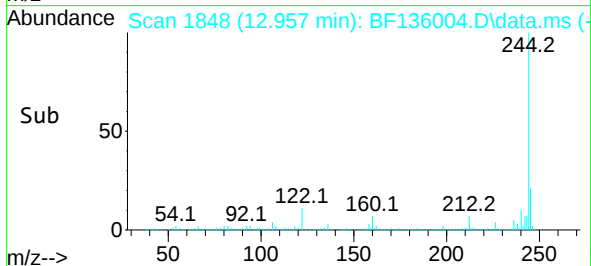
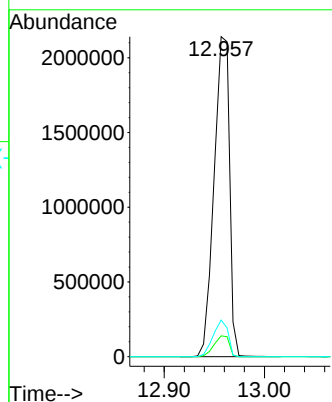
#79
 Terphenyl-d14
 Concen: 77.450 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136004.D
 Acq: 28 Oct 2023 14:28

Instrument :
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Tgt Ion:244 Resp: 2295674

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.6
122	11.5	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF136004.D
 Acq: 28 Oct 2023 14:28

Tgt Ion:264 Resp: 403237

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	21.8	17.3	25.9

