

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135978.D
 Acq On : 27 Oct 2023 11:45
 Operator : CG\JU
 Sample : PB156430BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BL

Quant Time: Oct 27 22:29:04 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	161848	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	635499	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	319258	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	597109	20.000	ng	0.00
76) Chrysene-d12	14.010	240	456970	20.000	ng	0.00
86) Perylene-d12	15.498	264	411396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1261228	120.332	ng	0.01
7) Phenol-d6	6.457	99	1538069	117.871	ng	0.00
23) Nitrobenzene-d5	7.387	82	905402	91.197	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	415656	148.743	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1676278	84.074	ng	0.00
79) Terphenyl-d14	12.957	244	2066132	75.542	ng	0.00

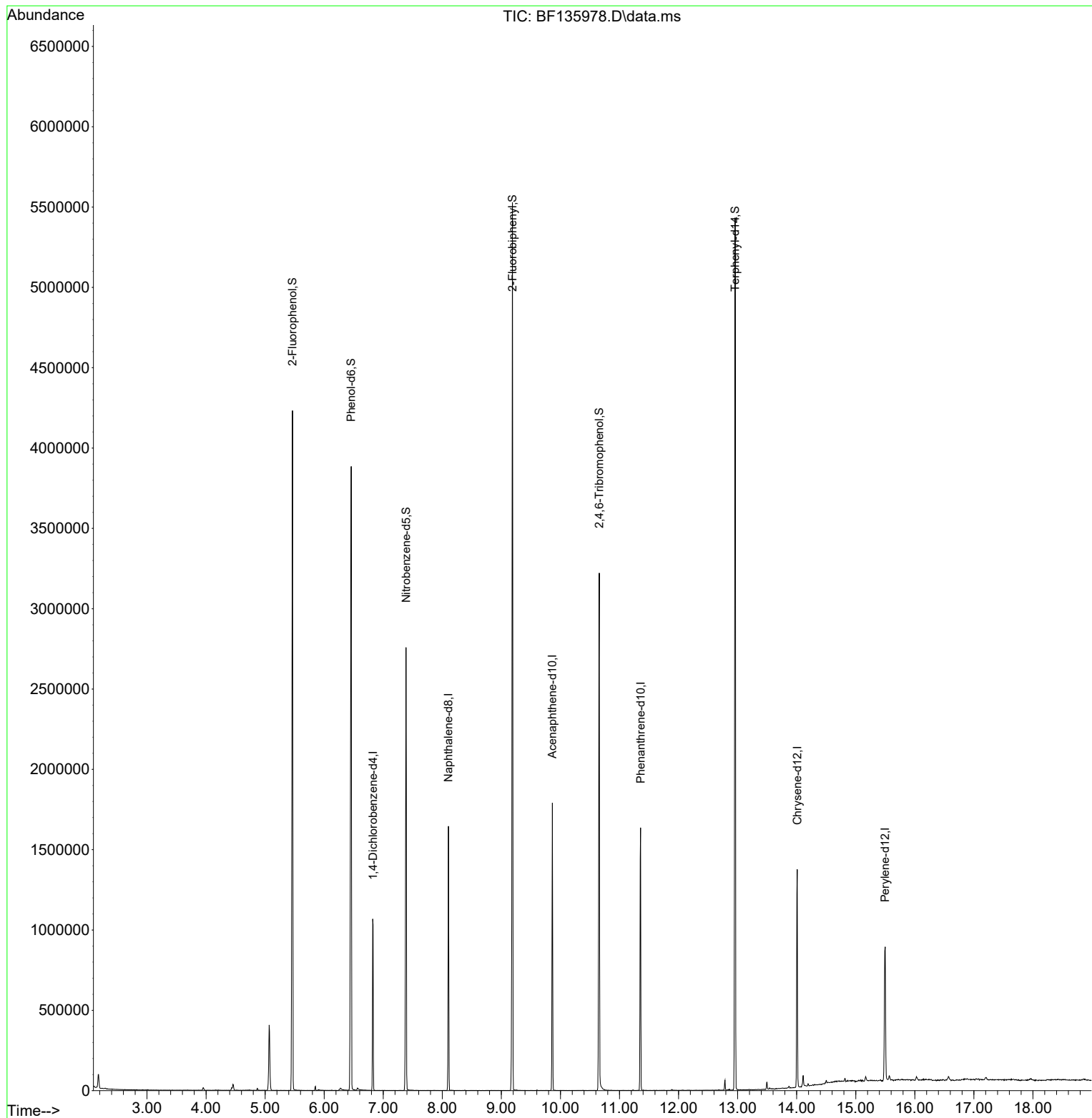
Target Compounds	Qvalue

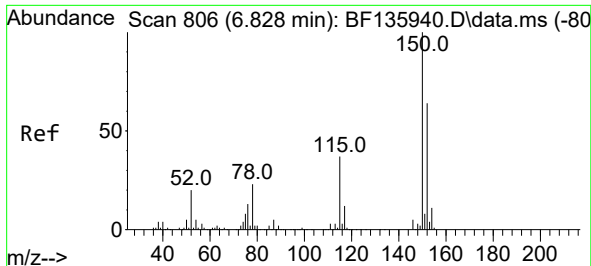
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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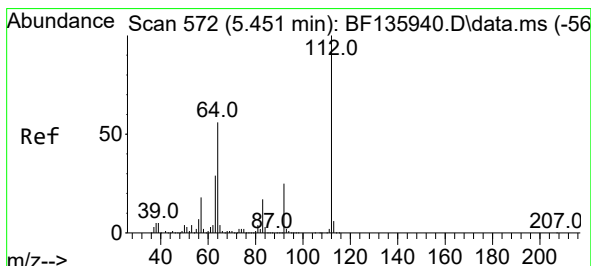
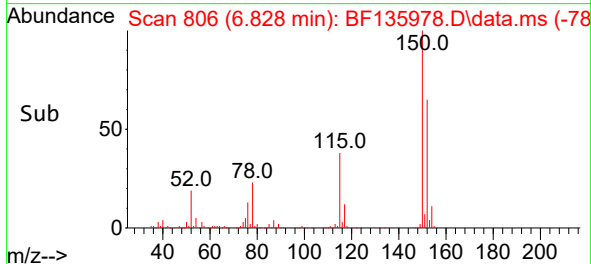
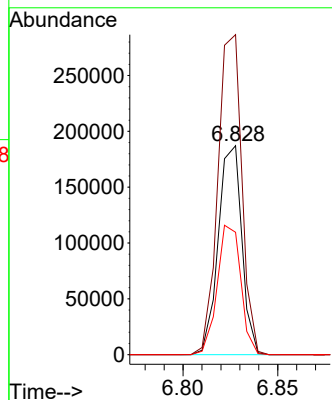
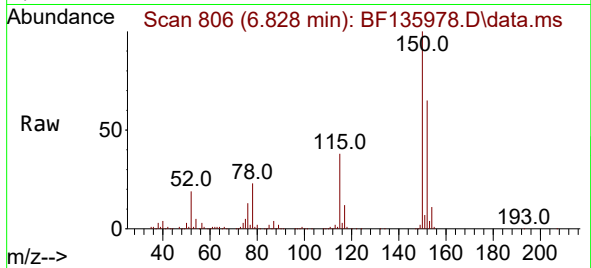




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

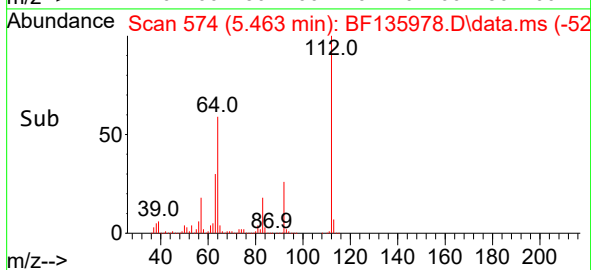
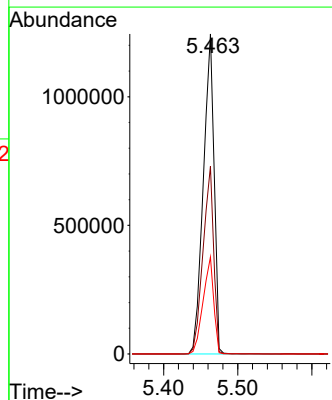
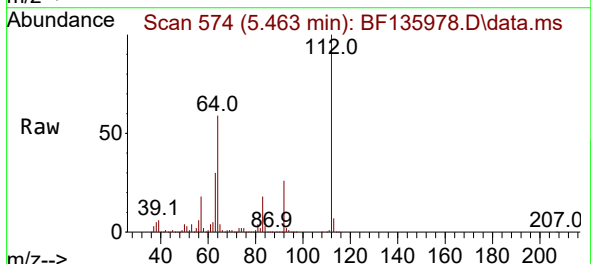
Instrument :
BNA_F
ClientSampleId :
PB156430BL

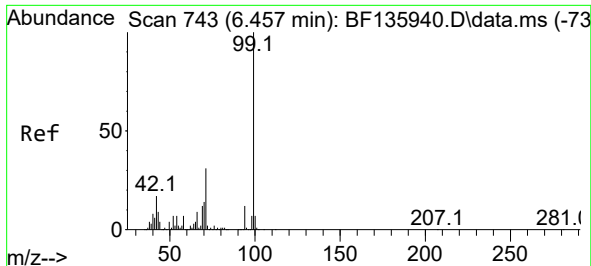
Tgt Ion:152 Resp: 161848
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 58.6 46.6 69.8



#5
2-Fluorophenol
Concen: 120.332 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion:112 Resp: 1261228
Ion Ratio Lower Upper
112 100
64 58.6 45.1 67.7
63 30.3 23.0 34.4

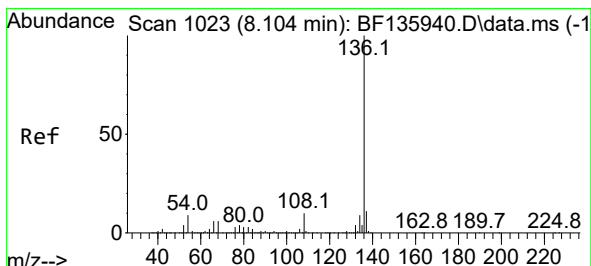
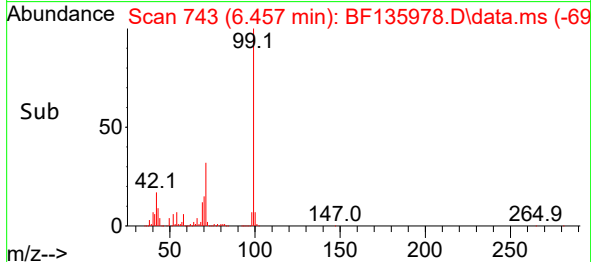
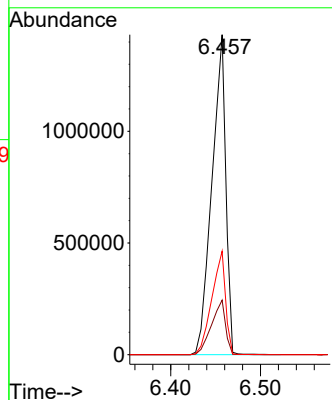
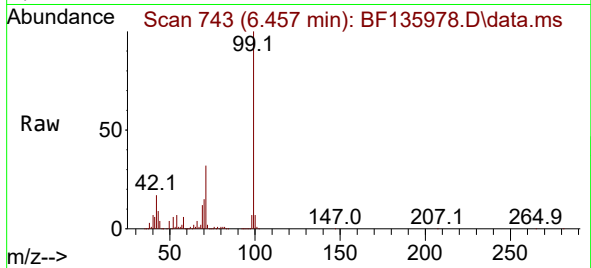




#7
Phenol-d6
Concen: 117.871 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

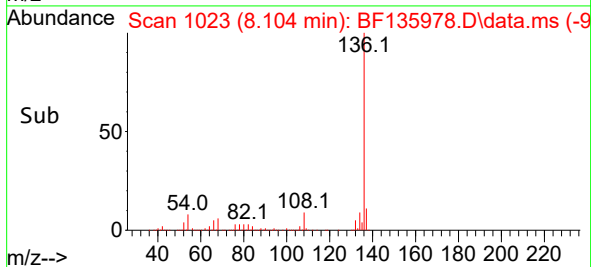
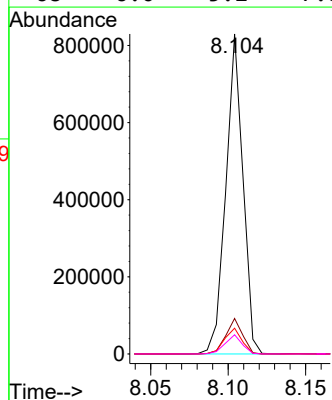
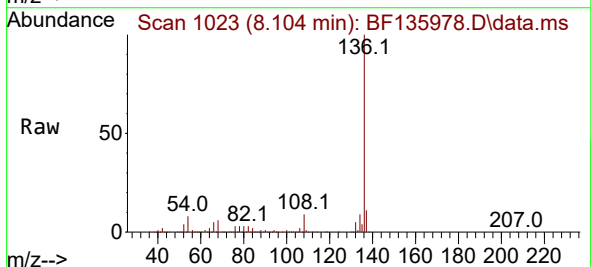
Instrument :
BNA_F
ClientSampleId :
PB156430BL

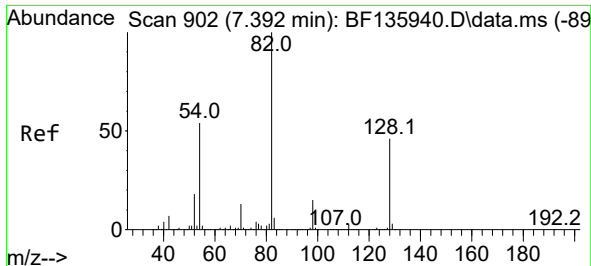
Tgt Ion: 99 Resp: 1538069
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 32.3 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion: 136 Resp: 635499
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: 91.197 ng

RT: 7.387 min Scan# 90

Delta R.T. -0.005 min

Lab File: BF135978.D

Acq: 27 Oct 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB156430BL

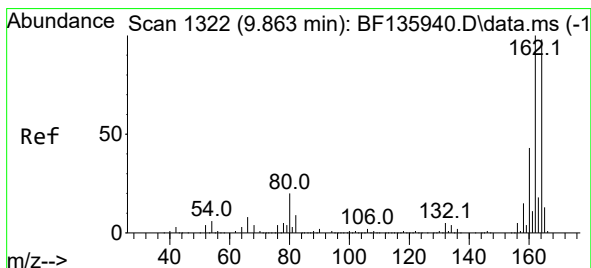
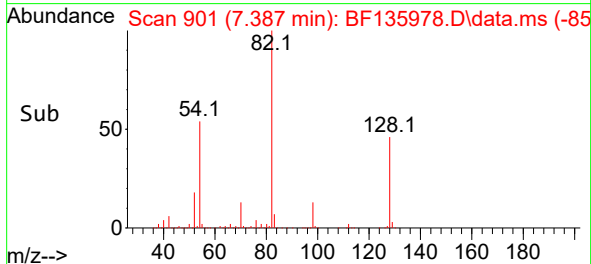
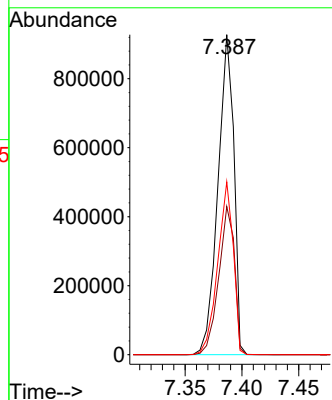
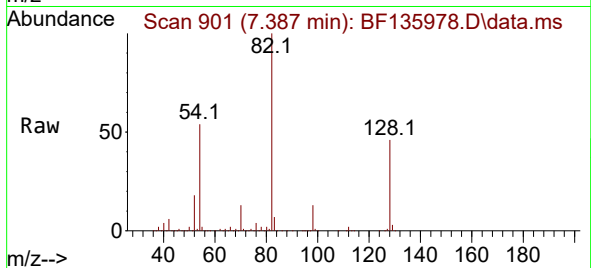
Tgt Ion: 82 Resp: 905402

Ion Ratio Lower Upper

82 100

128 46.3 36.8 55.2

54 54.0 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: BF135978.D

Acq: 27 Oct 2023 11:45

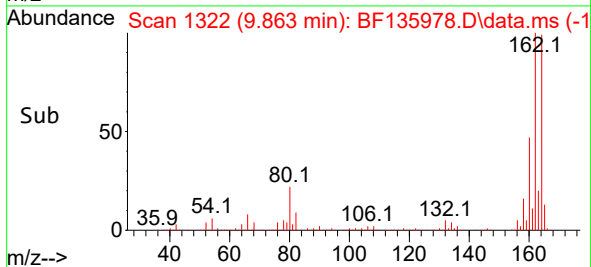
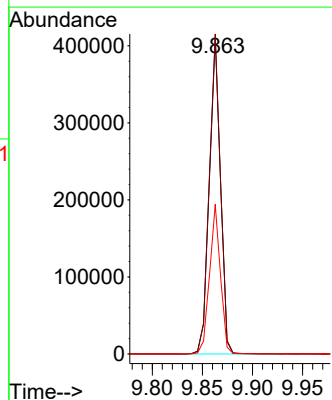
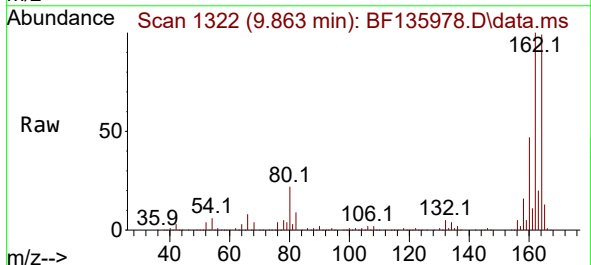
Tgt Ion:164 Resp: 319258

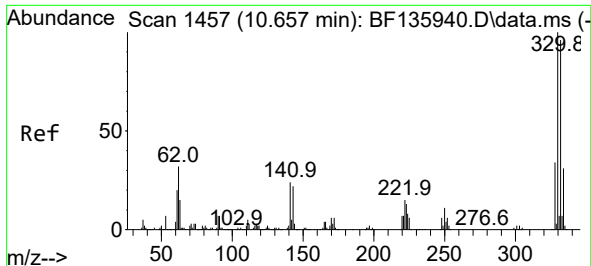
Ion Ratio Lower Upper

164 100

162 101.1 82.0 123.0

160 47.3 35.6 53.4

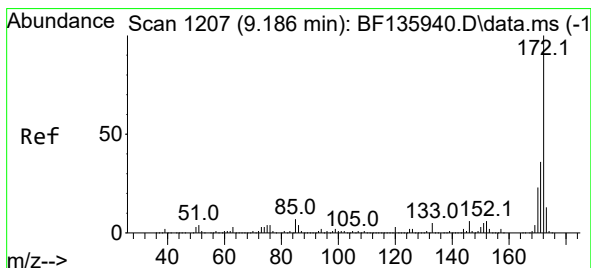
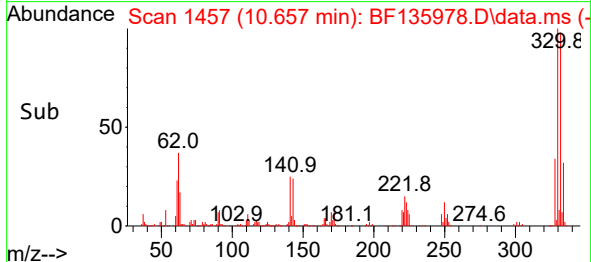
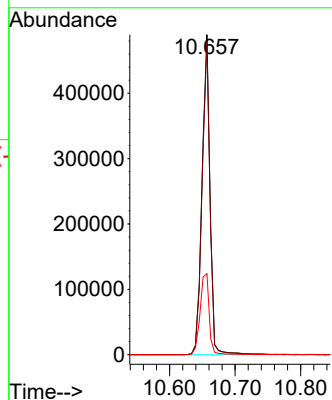
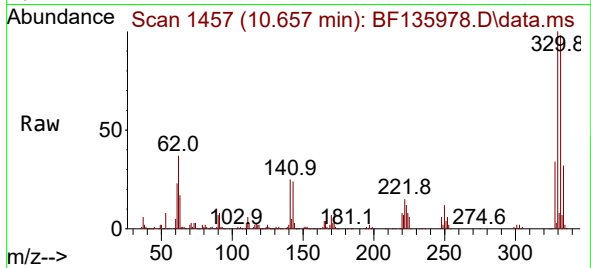




#42
 2,4,6-Tribromophenol
 Concen: 148.743 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: BF135978.D
 Acq: 27 Oct 2023 11:45

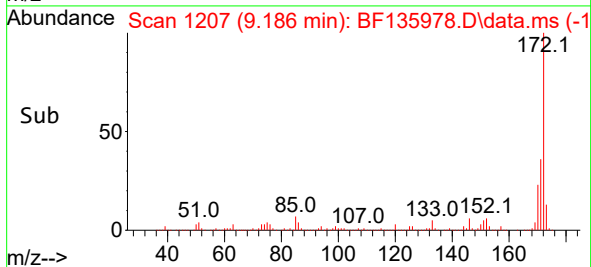
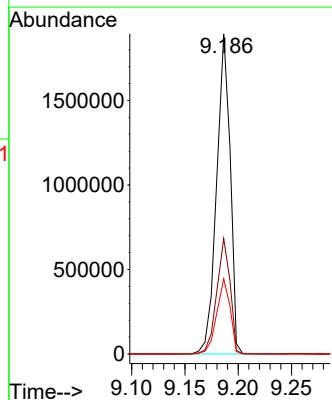
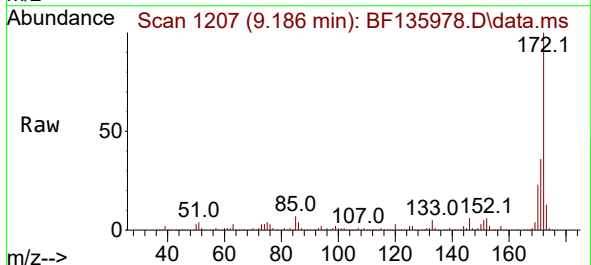
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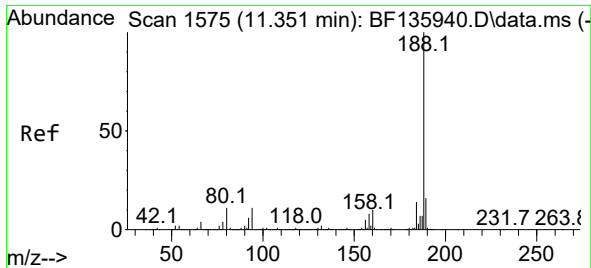
Tgt Ion:330 Resp: 415656
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 29.1 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 84.074 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF135978.D
 Acq: 27 Oct 2023 11:45

Tgt Ion:172 Resp: 1676278
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.4 18.6 28.0

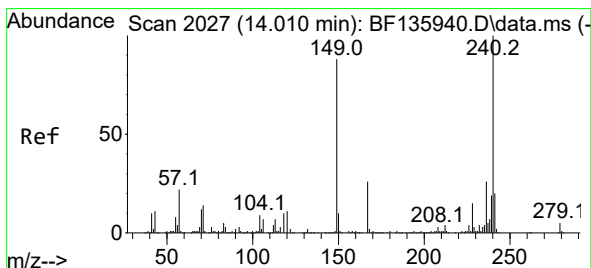
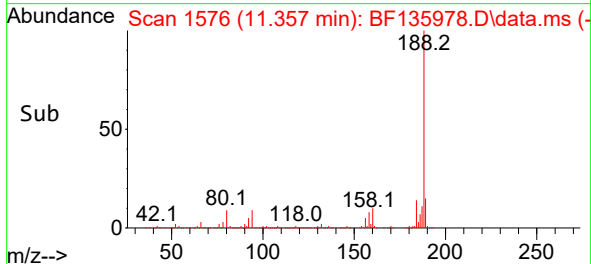
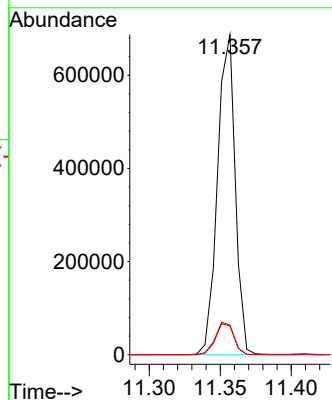
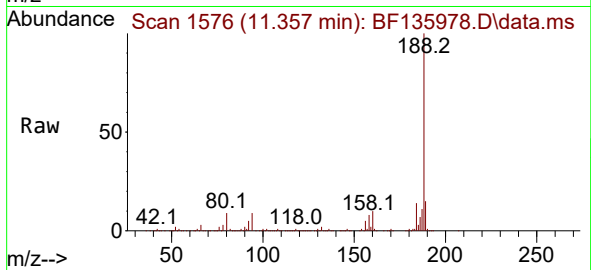




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

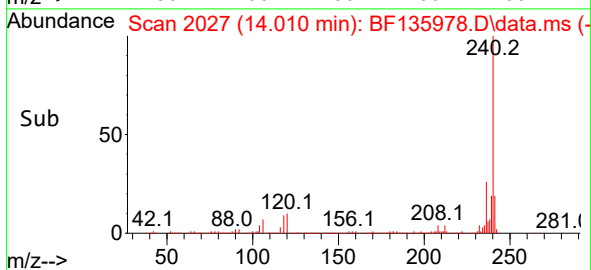
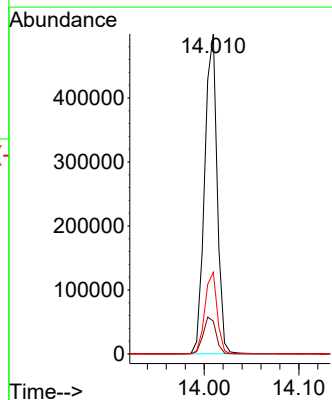
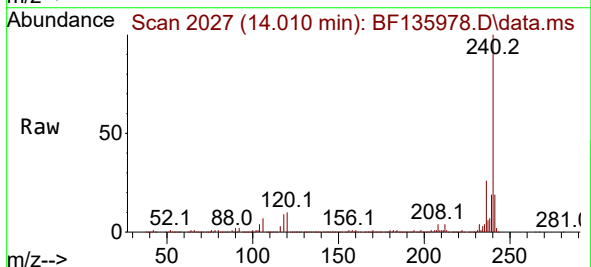
Instrument :
BNA_F
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PB156430BL

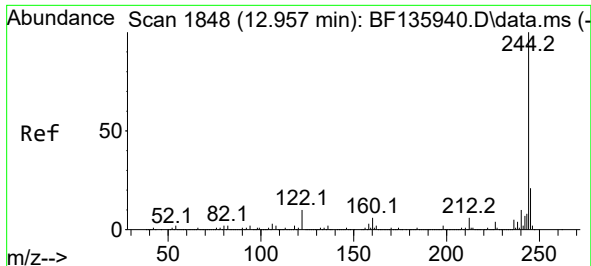
Tgt Ion:188 Resp: 597109
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 9.3 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

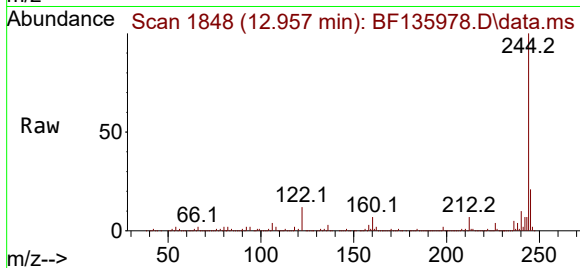
Tgt Ion:240 Resp: 456970
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 25.6 20.6 30.8



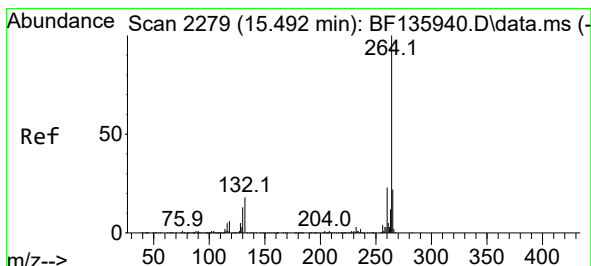
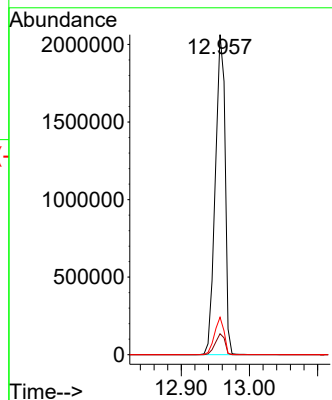
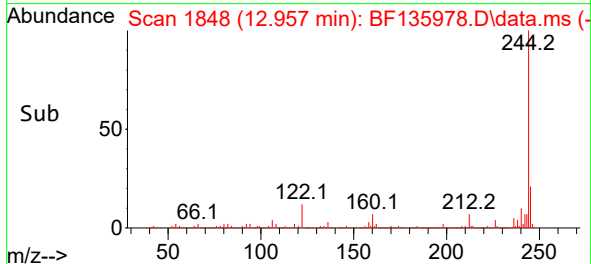


#79
 Terphenyl-d14
 Concen: 75.542 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135978.D
 Acq: 27 Oct 2023 11:45

Instrument :
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Tgt Ion:244 Resp: 2066132
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 11.7 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: BF135978.D
 Acq: 27 Oct 2023 11:45

Tgt Ion:264 Resp: 411396
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.9 17.3 25.9

