

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136003.D
 Acq On : 28 Oct 2023 13:57
 Operator : CG\JU
 Sample : PB156387TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156387TB

Quant Time: Oct 30 00:24:48 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	173110	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	702166	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	358275	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	675206	20.000	ng	0.00
76) Chrysene-d12	14.010	240	510925	20.000	ng	0.00
86) Perylene-d12	15.498	264	394639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1571081	140.143	ng	0.02
7) Phenol-d6	6.463	99	1899176	136.076	ng	0.00
23) Nitrobenzene-d5	7.392	82	1126398	101.451	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	577041	184.007	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2052909	91.751	ng	0.00
79) Terphenyl-d14	12.963	244	2597121	84.928	ng	0.00

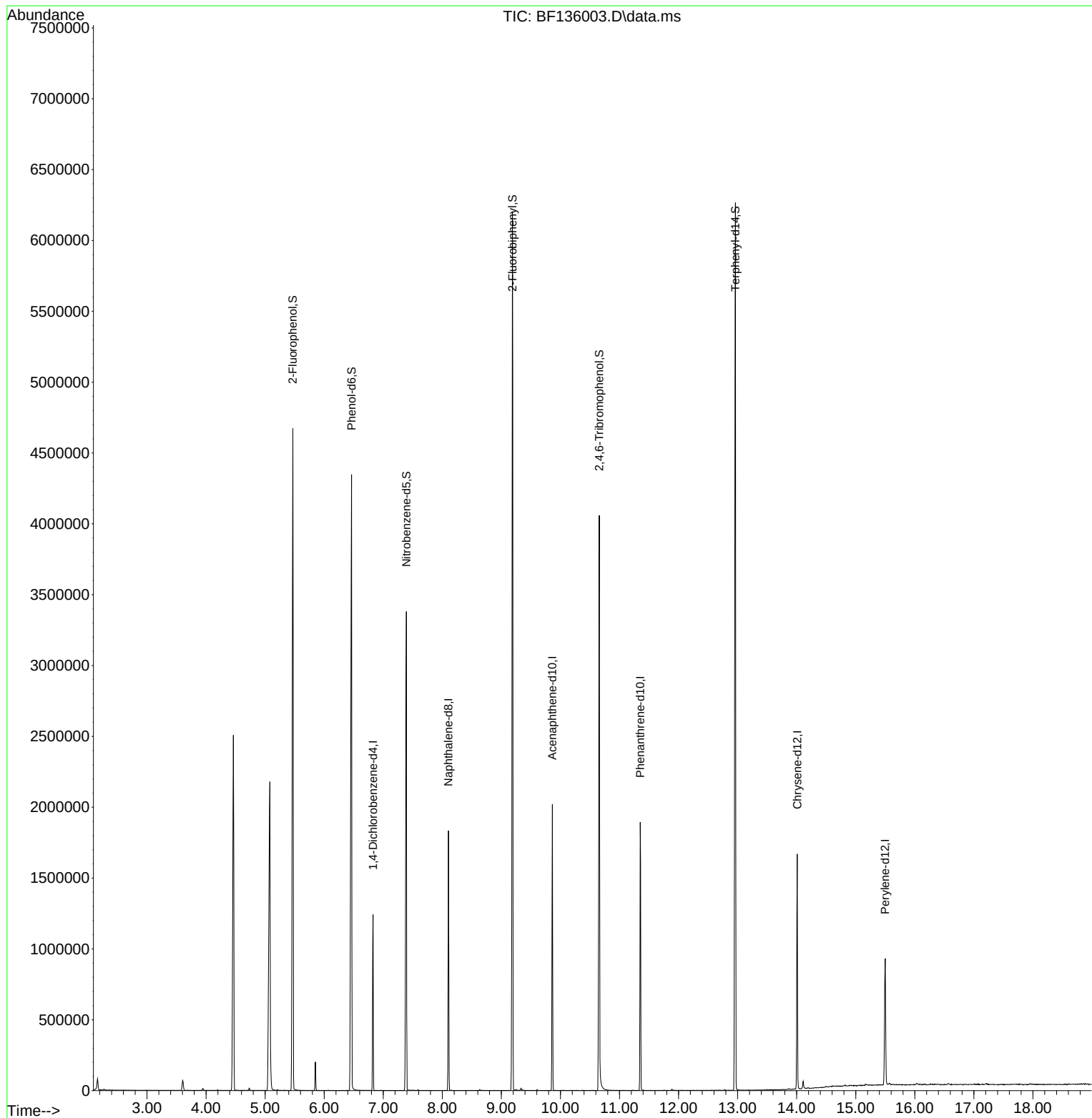
Target Compounds	Qvalue

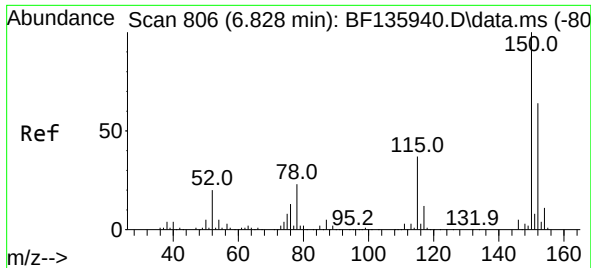
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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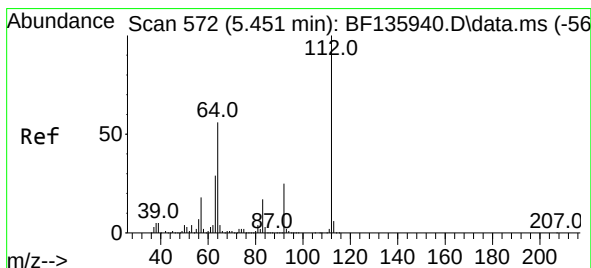
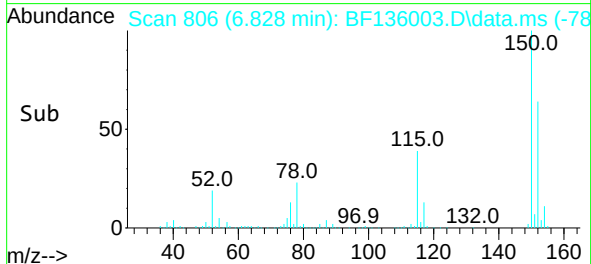
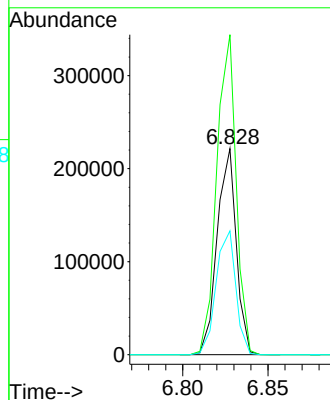
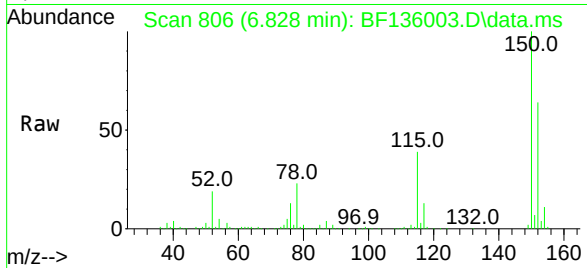




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

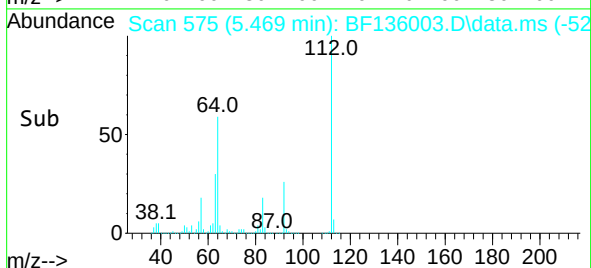
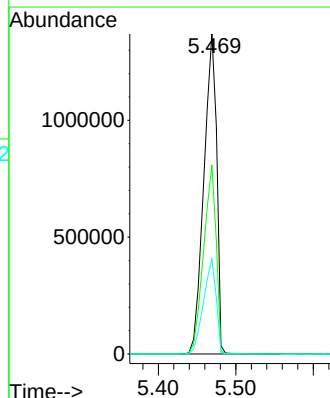
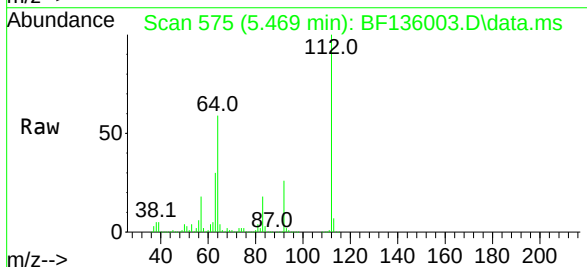
Instrument :
BNA_F
ClientSampleId :
PB156387TB

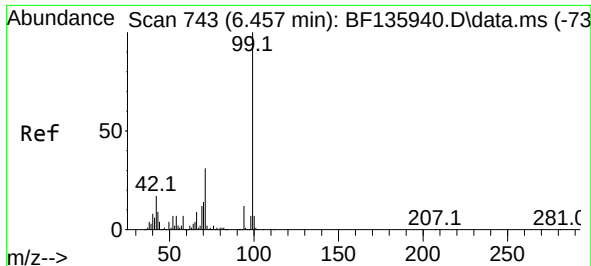
Tgt Ion:152 Resp: 173110
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.1 46.6 69.8



#5
2-Fluorophenol
Concen: 140.143 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion:112 Resp: 1571081
Ion Ratio Lower Upper
112 100
64 59.0 45.1 67.7
63 29.7 23.0 34.4

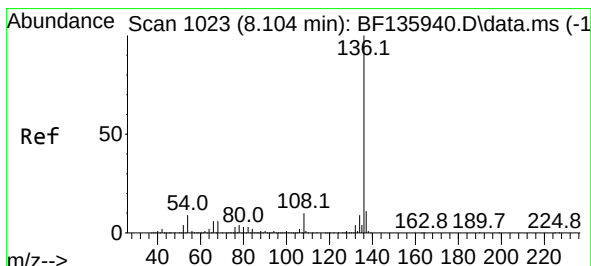
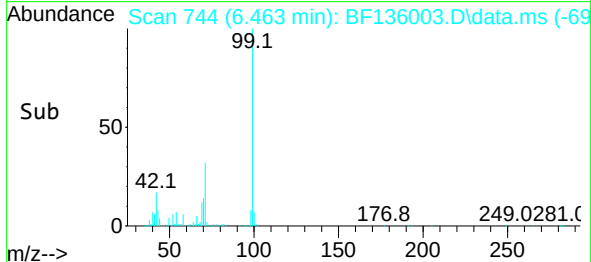
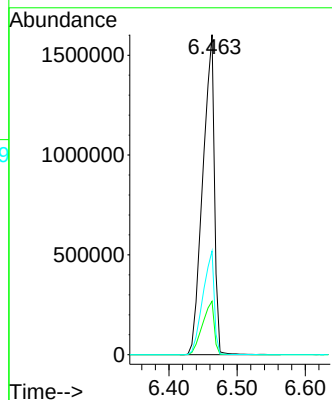
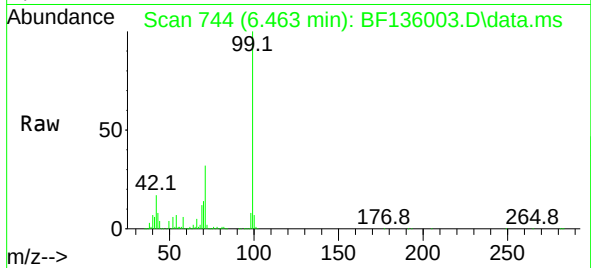




#7
Phenol-d6
Concen: 136.076 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

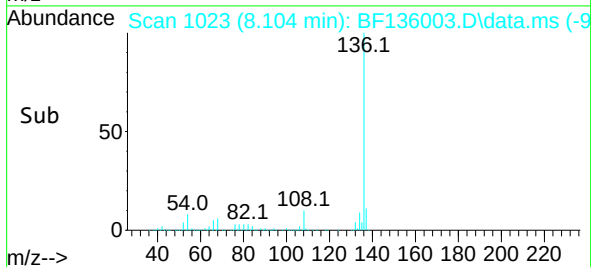
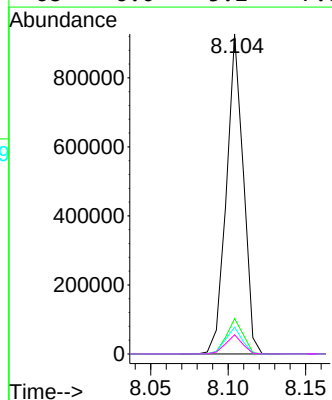
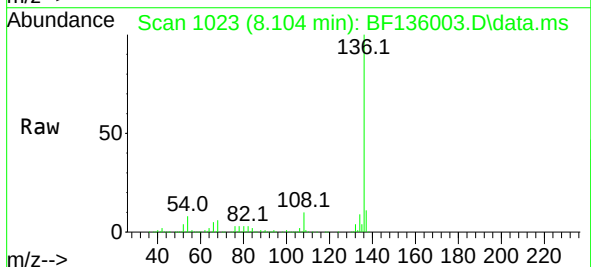
Instrument :
BNA_F
ClientSampleId :
PB156387TB

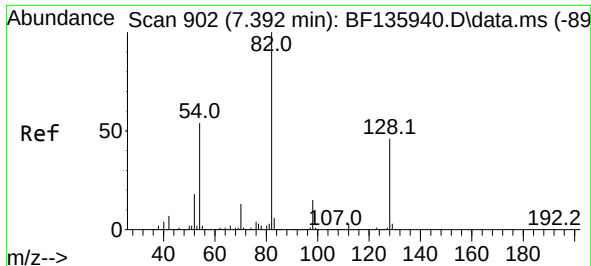
Tgt Ion: 99 Resp: 1899176
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.8
71 32.4 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion: 136 Resp: 702166
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.4 7.1 10.7
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 101.451 ng

RT: 7.392 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

Instrument :

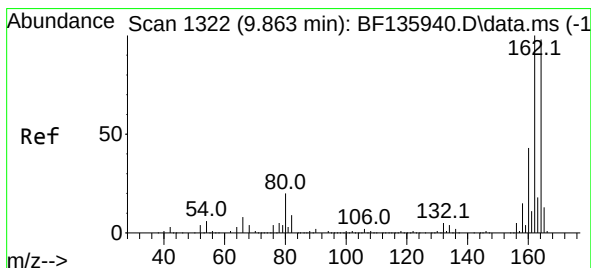
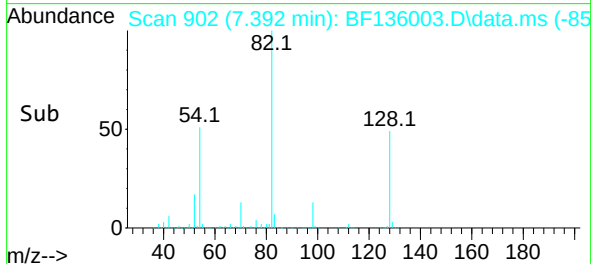
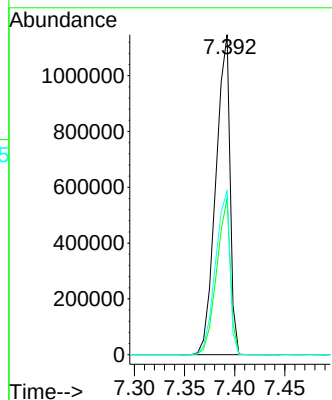
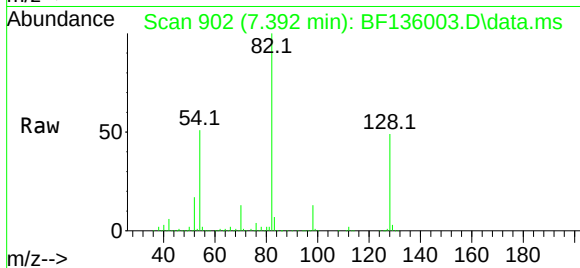
BNA_F

ClientSampleId :

PB156387TB

Tgt Ion: 82 Resp: 1126398

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.8	55.2
54	51.1	43.4	65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

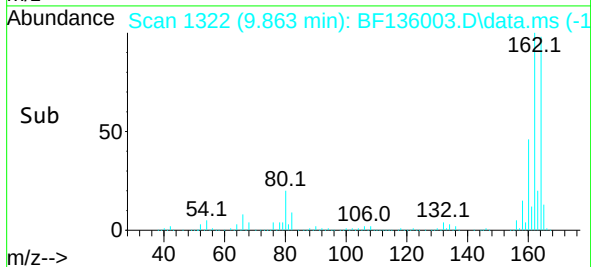
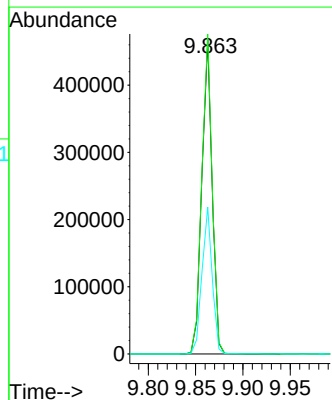
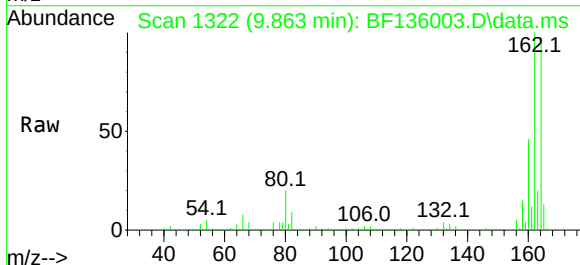
Delta R.T. -0.000 min

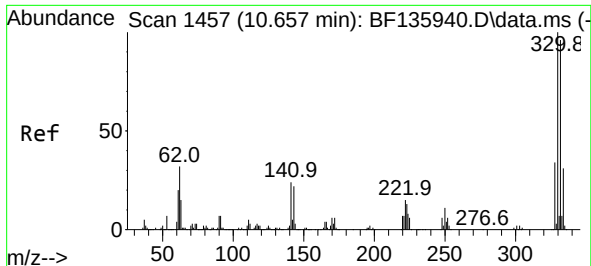
Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

Tgt Ion: 164 Resp: 358275

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.0	123.0
160	46.7	35.6	53.4

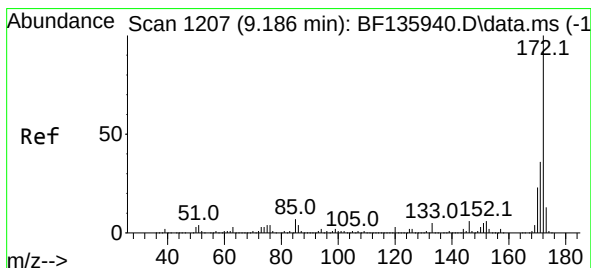
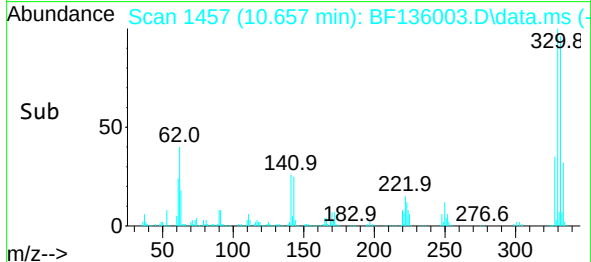
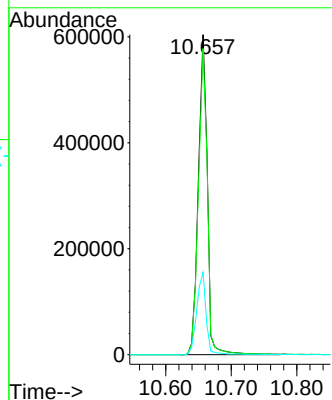
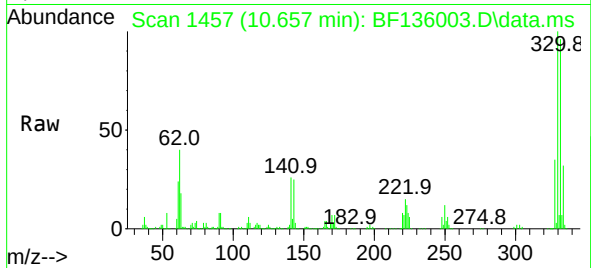




#42
 2,4,6-Tribromophenol
 Concen: 184.007 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: BF136003.D
 Acq: 28 Oct 2023 13:57

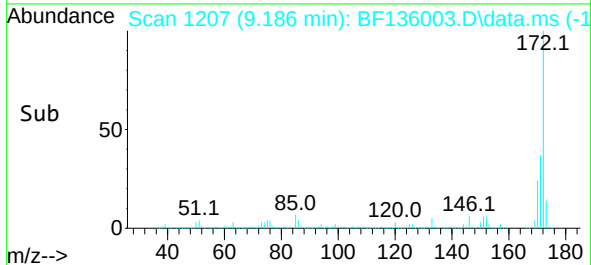
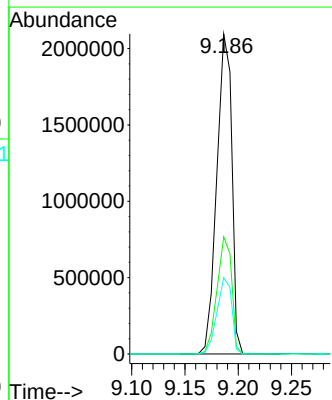
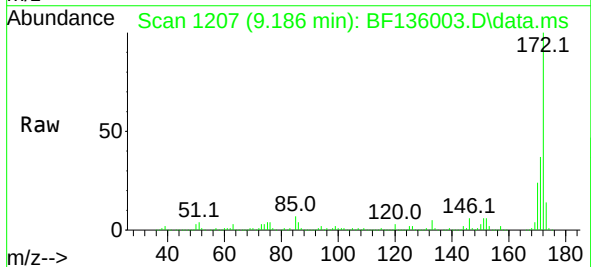
Instrument :
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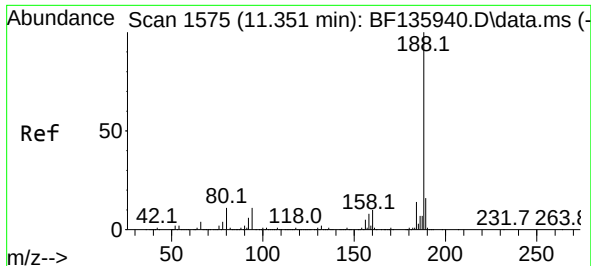
Tgt Ion:330 Resp: 577041
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 27.1 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 91.751 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF136003.D
 Acq: 28 Oct 2023 13:57

Tgt Ion:172 Resp: 2052909
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 23.9 18.6 28.0

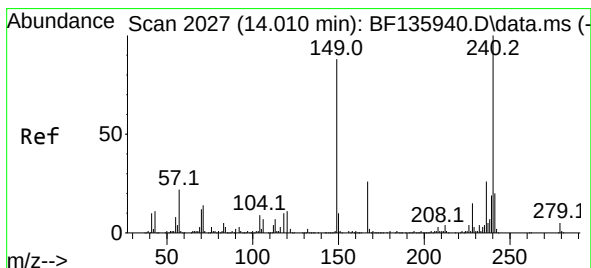
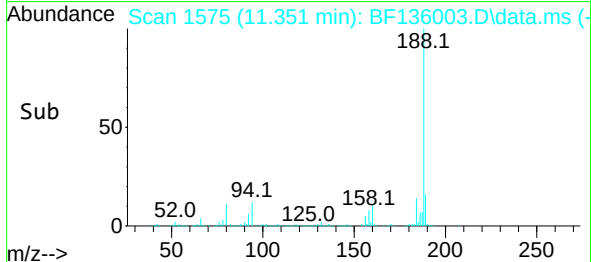
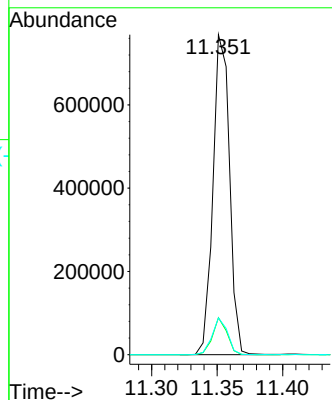
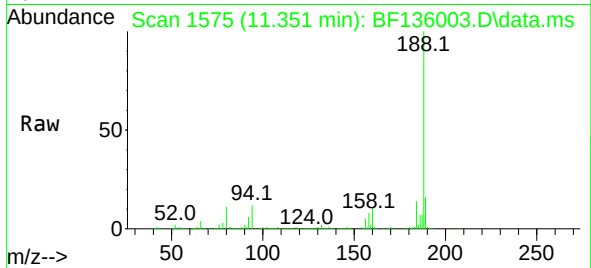




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

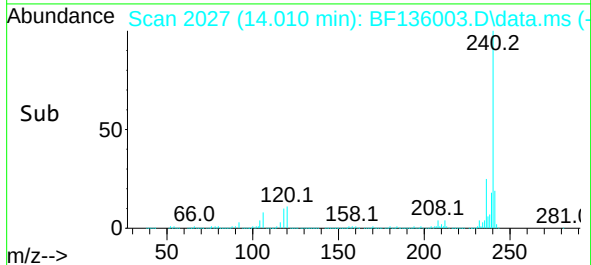
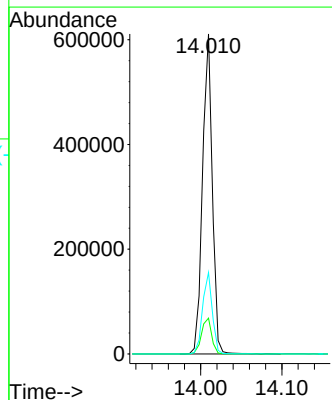
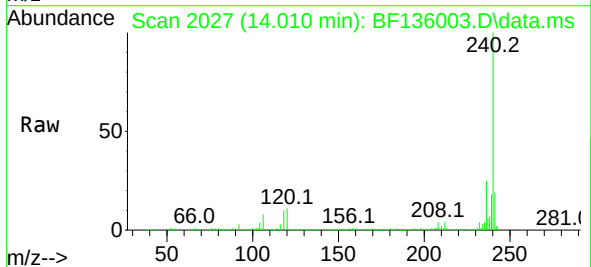
Instrument :
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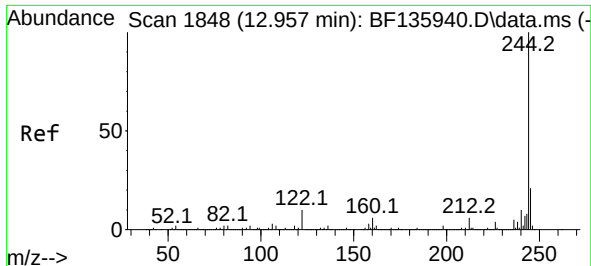
Tgt Ion:188 Resp: 675206
Ion Ratio Lower Upper
188 100
94 11.6 8.6 13.0
80 11.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

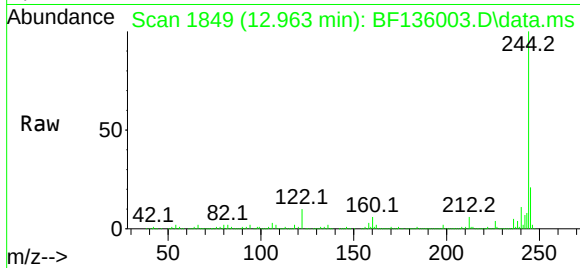
Tgt Ion:240 Resp: 510925
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 25.5 20.6 30.8



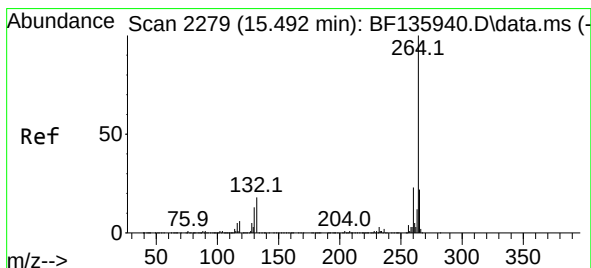
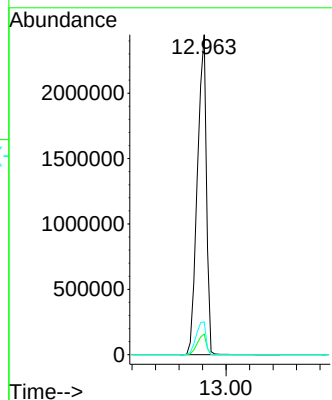
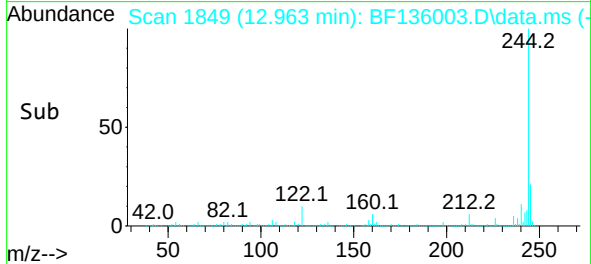


#79
 Terphenyl-d14
 Concen: 84.928 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136003.D
 Acq: 28 Oct 2023 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB156387TB



Tgt Ion:244 Resp: 2597121
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 10.3 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: BF136003.D
 Acq: 28 Oct 2023 13:57

Tgt Ion:264 Resp: 394639
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 20.7 17.3 25.9

