

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136032.D
 Acq On : 30 Oct 2023 17:26
 Operator : CG\JU
 Sample : PB156520BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156520BL

Quant Time: Oct 31 01:40:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	158258	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	629728	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	323690	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	610125	20.000	ng	0.00
76) Chrysene-d12	14.010	240	468615	20.000	ng	0.00
86) Perylene-d12	15.498	264	408375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1325852	131.649	ng	0.01
7) Phenol-d6	6.457	99	1611655	128.439	ng	0.00
23) Nitrobenzene-d5	7.386	82	961459	92.038	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	474993	137.480	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1791574	88.231	ng	0.00
79) Terphenyl-d14	12.957	244	2254659	74.770	ng	0.00

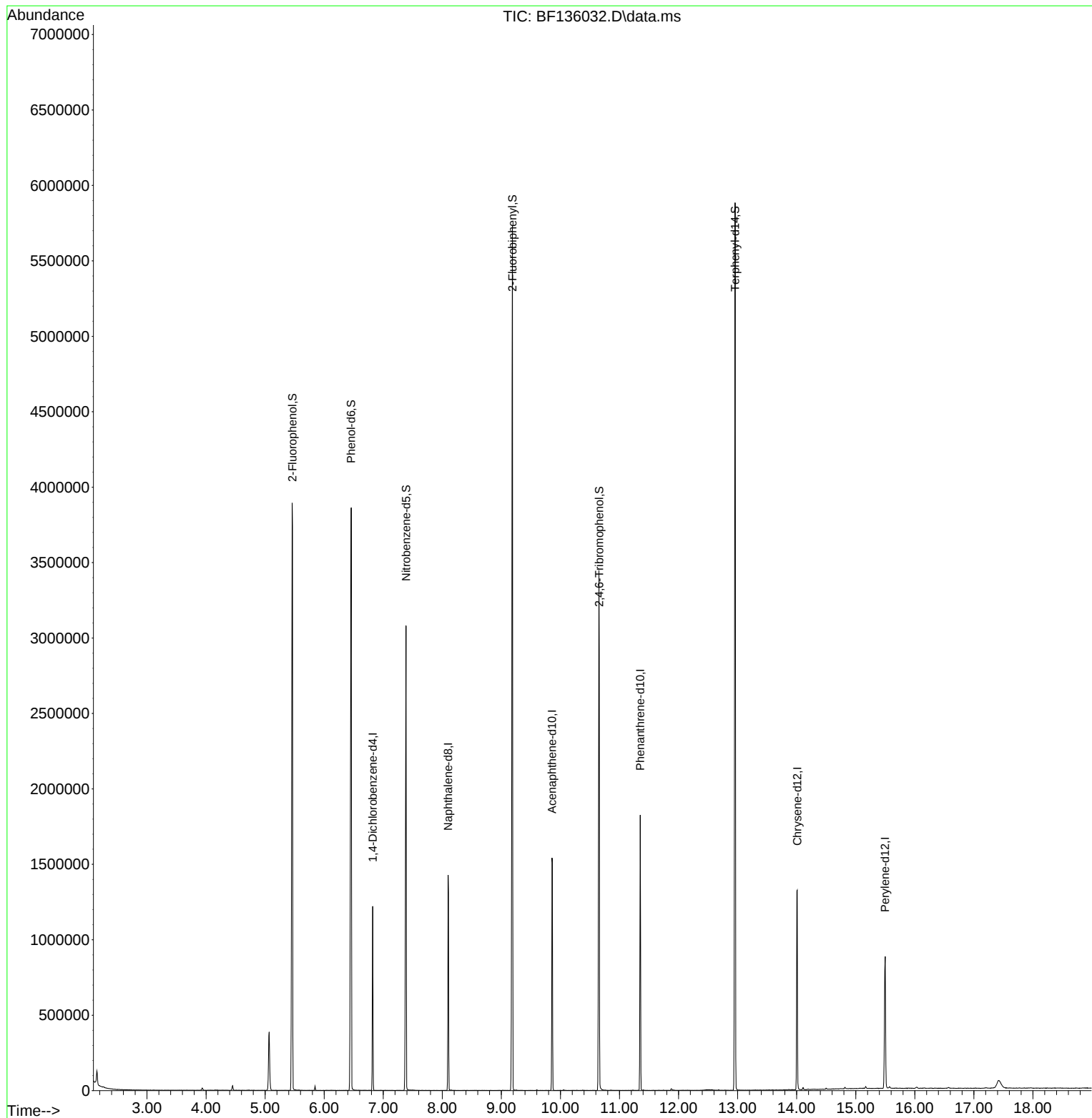
Target Compounds	Qvalue

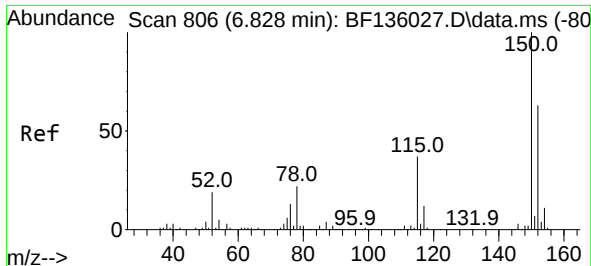
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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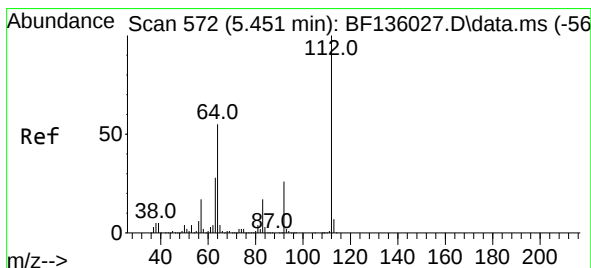
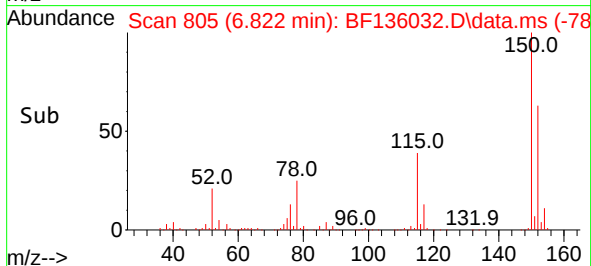
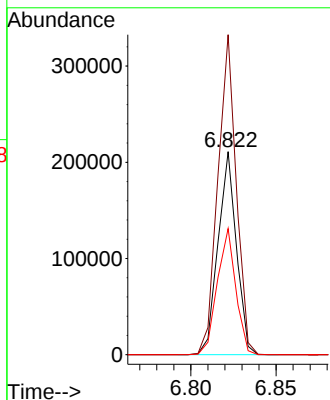
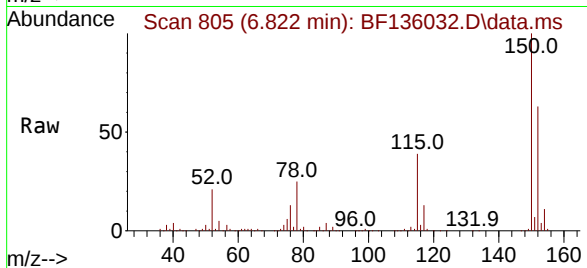




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF136032.D
 Acq: 30 Oct 2023 17:26

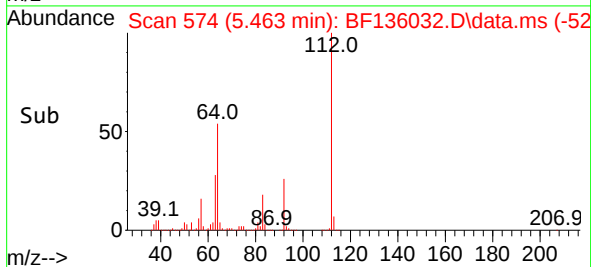
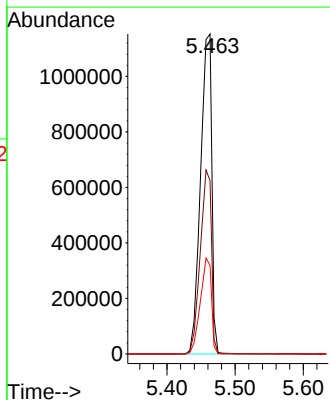
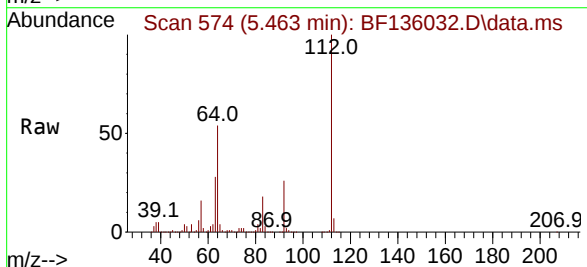
Instrument :
 BNA_F
 ClientSampleId :
 PB156520BL

Tgt Ion:152 Resp: 158258
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.4 189.6
 115 62.1 47.0 70.4



#5
 2-Fluorophenol
 Concen: 131.649 ng
 RT: 5.463 min Scan# 574
 Delta R.T. 0.012 min
 Lab File: BF136032.D
 Acq: 30 Oct 2023 17:26

Tgt Ion:112 Resp: 1325852
 Ion Ratio Lower Upper
 112 100
 64 54.1 43.9 65.9
 63 27.7 22.4 33.6



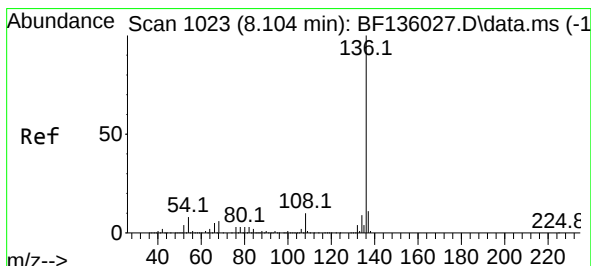
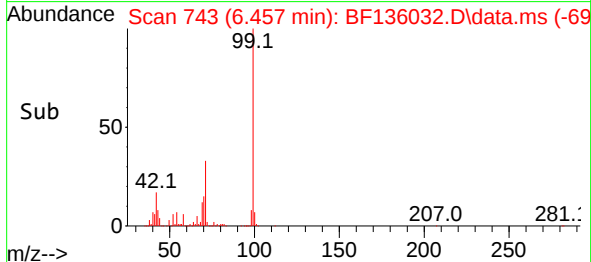
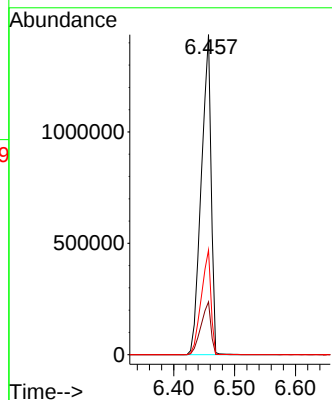
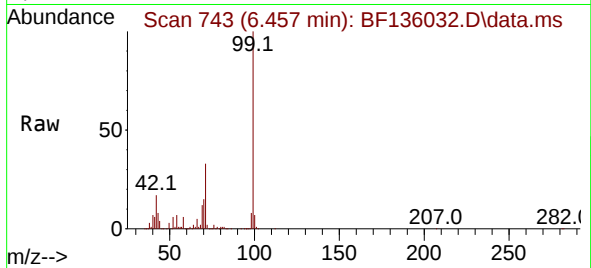


#7
Phenol-d6
Concen: 128.439 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

Instrument :
BNA_F
ClientSampleId :
PB156520BL

Tgt Ion: 99 Resp: 1611655

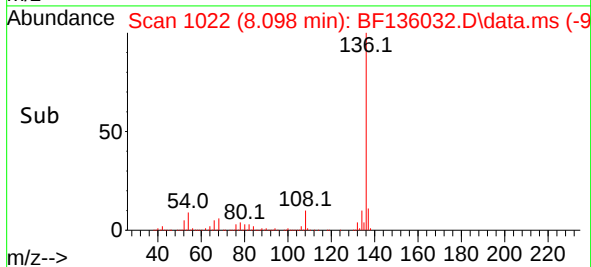
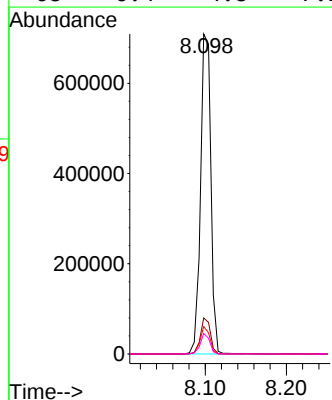
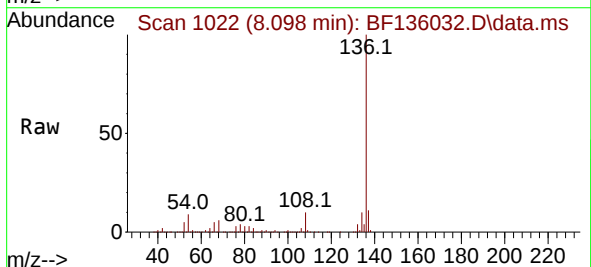
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	32.7	25.9	38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

Tgt Ion:136 Resp: 629728

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.5	6.6	9.8
68	6.4	4.8	7.2

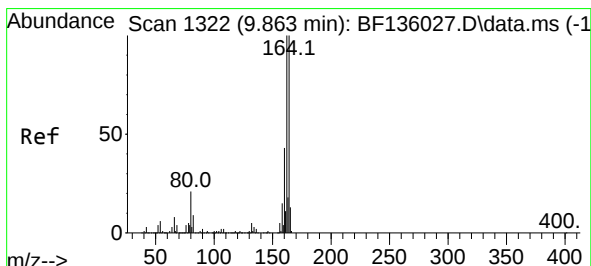
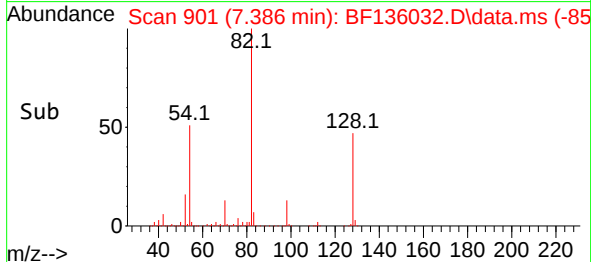
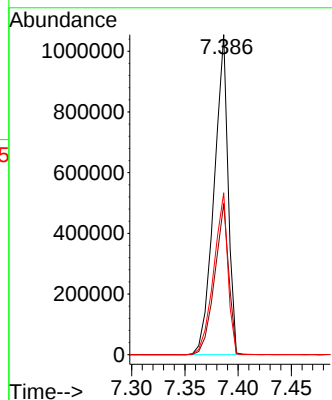
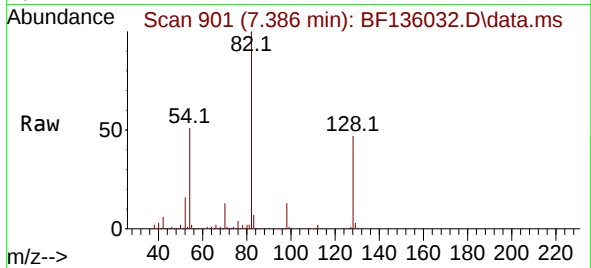




#23
Nitrobenzene-d5
Concen: 92.038 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

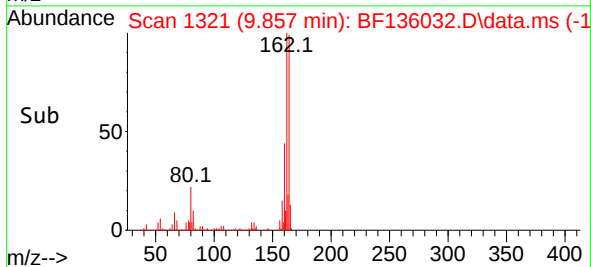
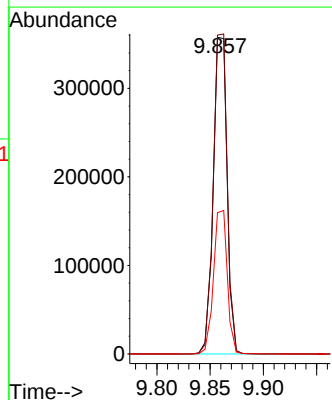
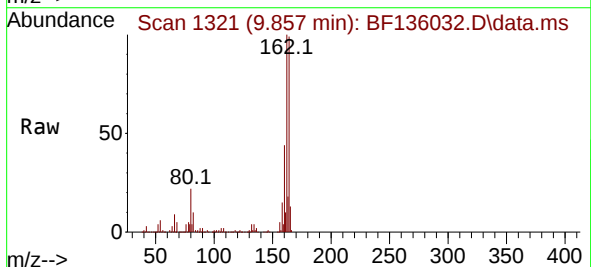
Instrument :
BNA_F
ClientSampleId :
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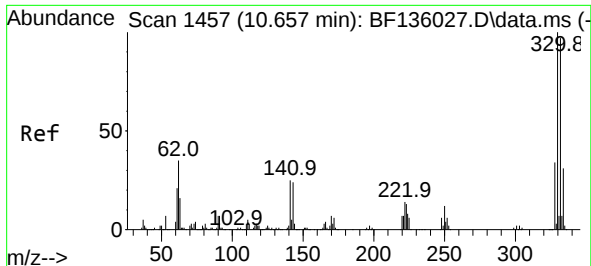
Tgt Ion: 82 Resp: 961459
Ion Ratio Lower Upper
82 100
128 47.3 38.6 57.8
54 50.6 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

Tgt Ion:164 Resp: 323690
Ion Ratio Lower Upper
164 100
162 100.7 80.1 120.1
160 44.6 34.8 52.2

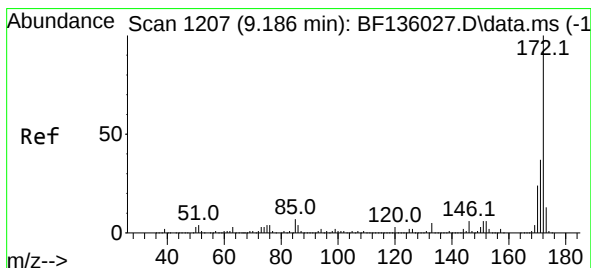
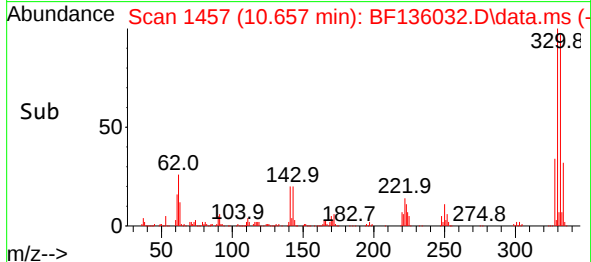
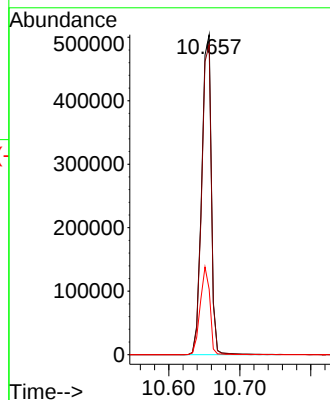
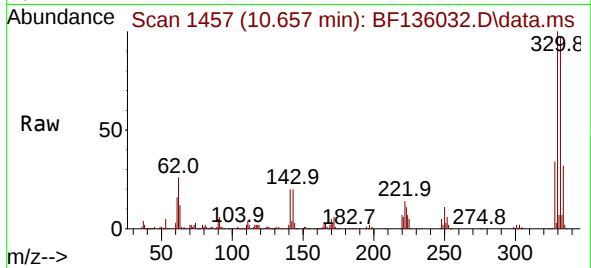




#42
2,4,6-Tribromophenol
Concen: 137.480 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

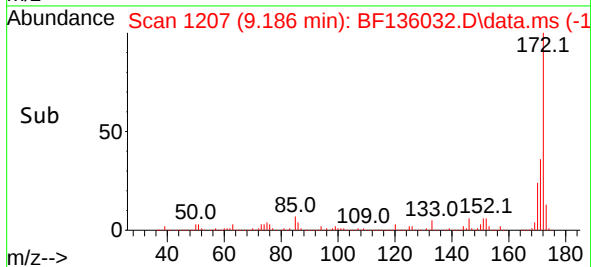
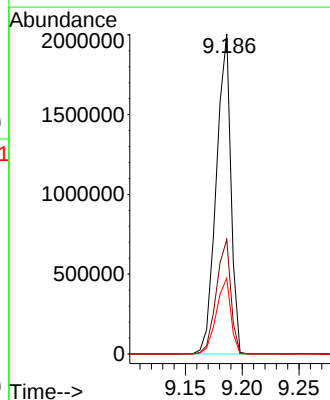
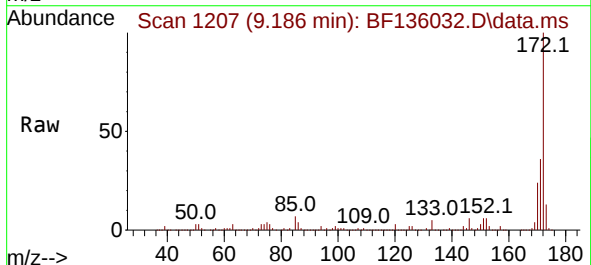
Instrument :
BNA_F
ClientSampleId :
PB156520BL

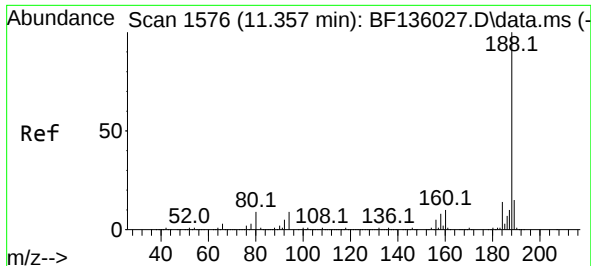
Tgt Ion:330 Resp: 474993
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 27.7 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 88.231 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

Tgt Ion:172 Resp: 1791574
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.7 19.3 28.9

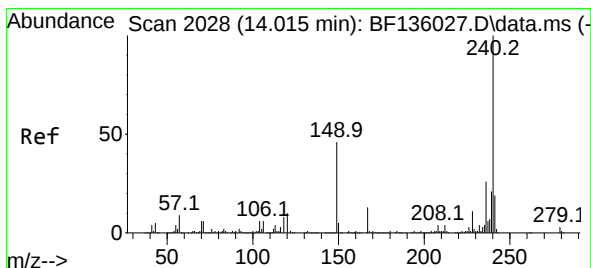
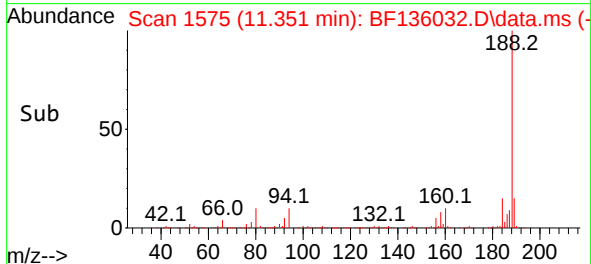
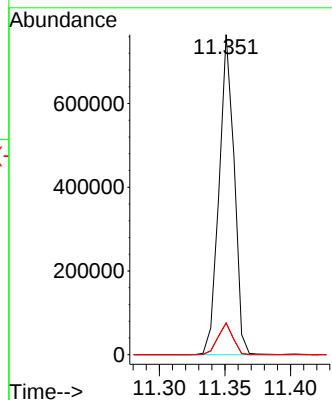
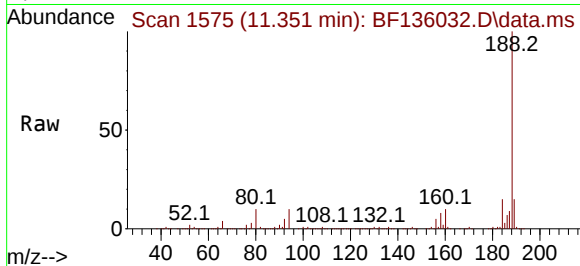




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

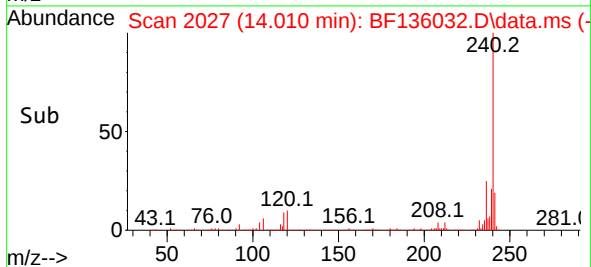
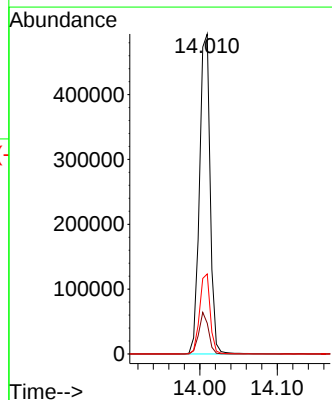
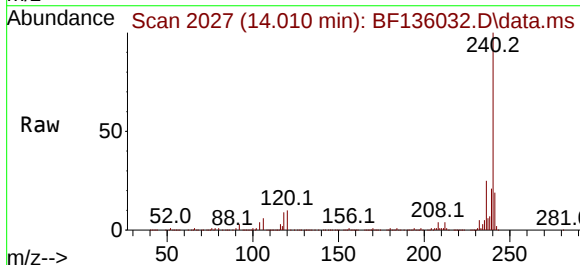
Instrument :
BNA_F
ClientSampleId :
PB156520BL

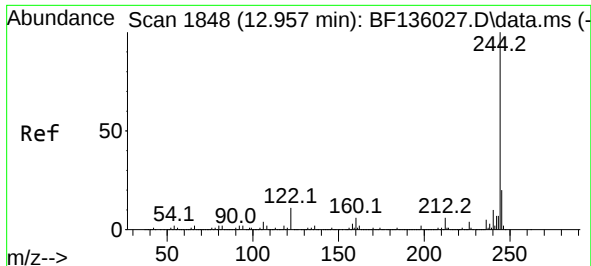
Tgt Ion:188 Resp: 610125
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.0 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136032.D
Acq: 30 Oct 2023 17:26

Tgt Ion:240 Resp: 468615
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.0 20.6 31.0

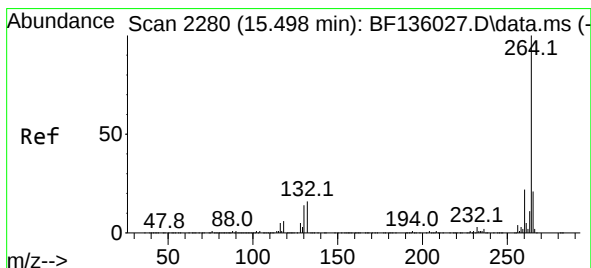
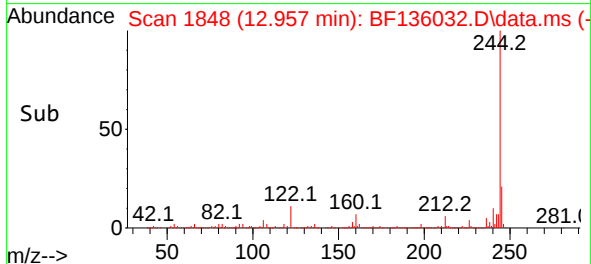
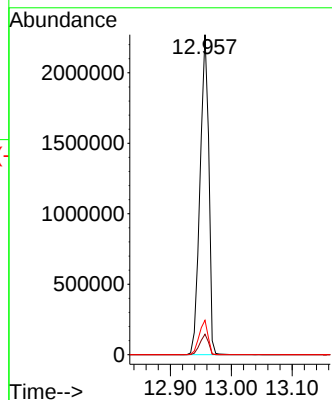
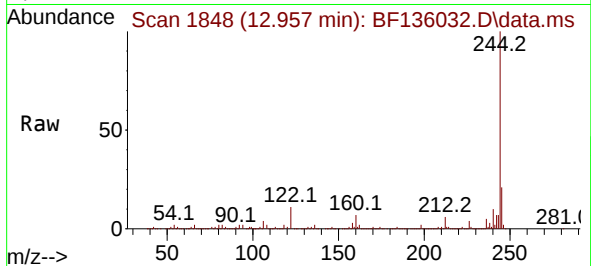




#79
 Terphenyl-d14
 Concen: 74.770 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF136032.D
 Acq: 30 Oct 2023 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB156520BL

Tgt Ion:244 Resp: 2254659
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF136032.D
 Acq: 30 Oct 2023 17:26

Tgt Ion:264 Resp: 408375
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 21.1 16.8 25.2

