

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140264.D
Acq On : 07 Nov 2024 10:28
Operator : RC/JU
Sample : P4701-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F3

Quant Time: Nov 07 11:13:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	130248	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	505005	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	290091	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	527573	20.000	ng	0.00
76) Chrysene-d12	14.062	240	344724	20.000	ng	0.00
86) Perylene-d12	15.592	264	298115	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	765921	97.452	ng	0.00
7) Phenol-d6	6.498	99	981195	97.059	ng	0.00
23) Nitrobenzene-d5	7.433	82	654321	64.419	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	303066	105.694	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1155023	63.578	ng	0.00
79) Terphenyl-d14	12.992	244	1186899	56.401	ng	0.00

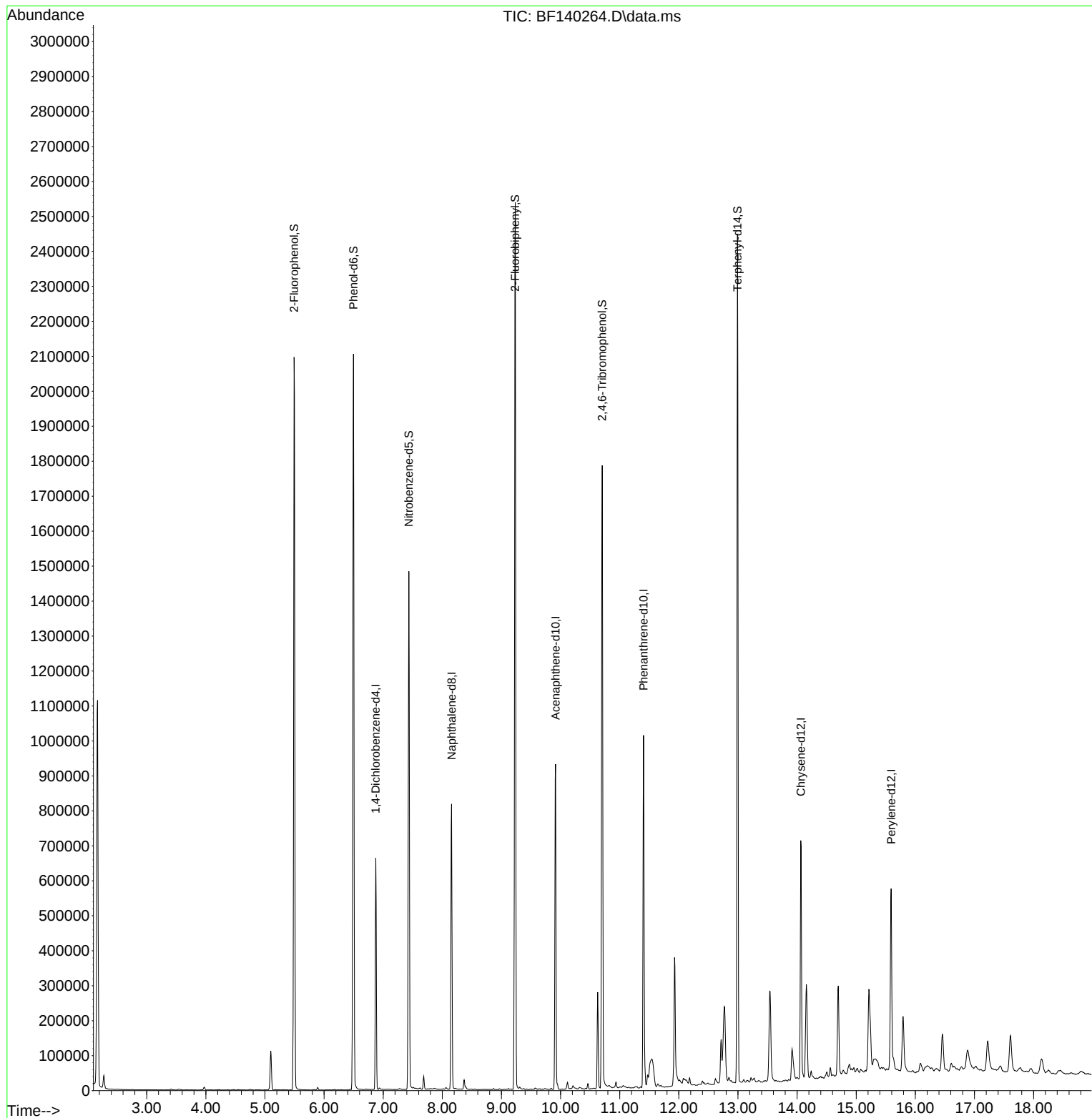
Target Compounds	Qvalue

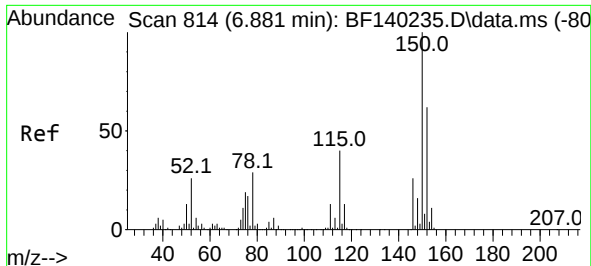
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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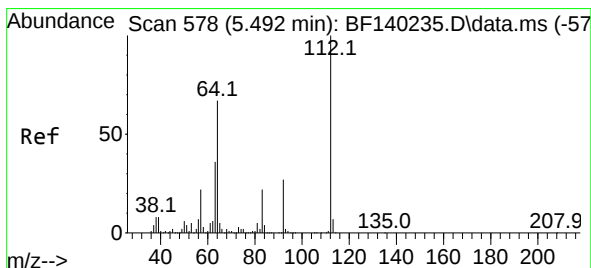
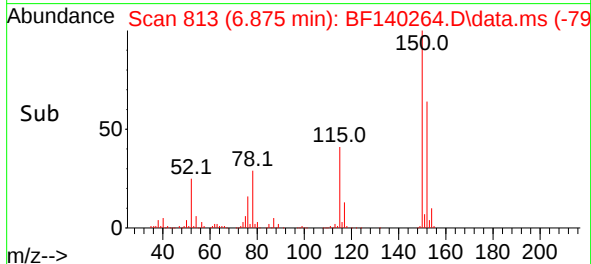
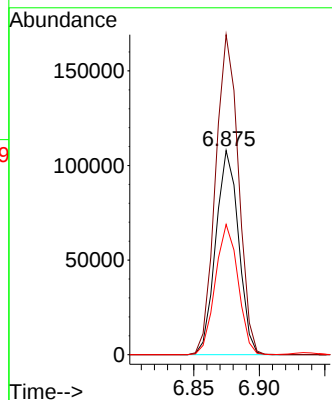
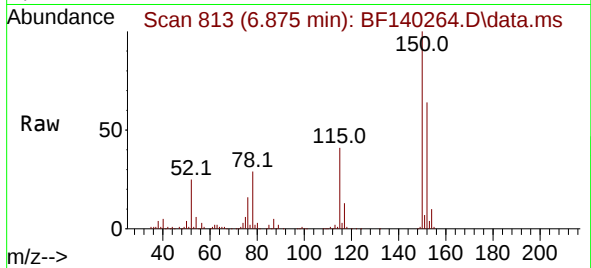




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

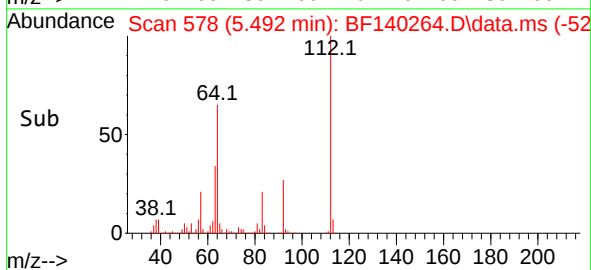
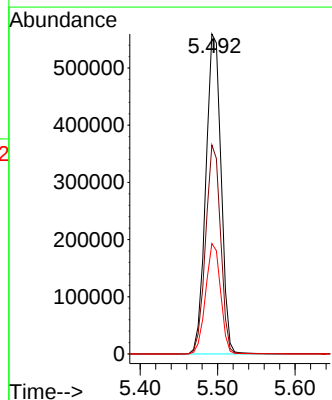
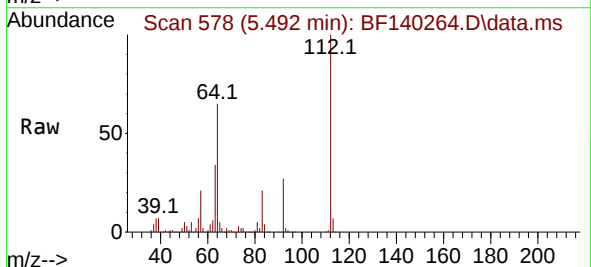
Instrument :
BNA_F
ClientSampleId :
BP-F3

Tgt Ion:152 Resp: 130248
Ion Ratio Lower Upper
152 100
150 156.8 129.4 194.2
115 63.8 51.5 77.3



#5
2-Fluorophenol
Concen: 97.452 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

Tgt Ion:112 Resp: 765921
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 34.5 28.9 43.3

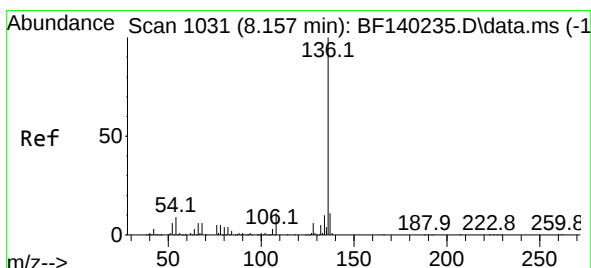
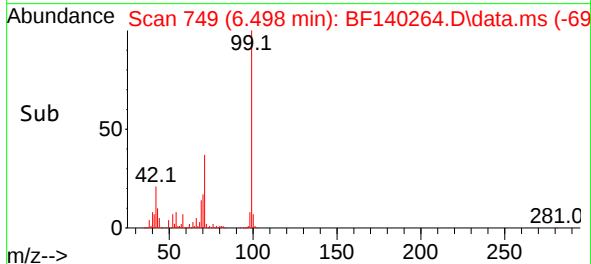
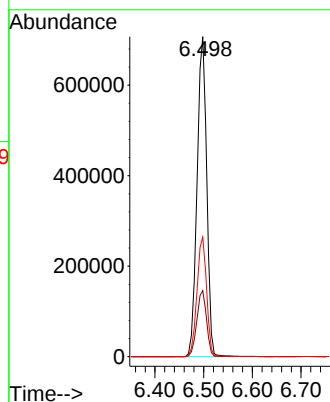
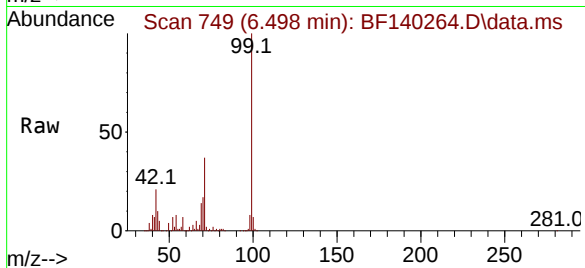




#7
Phenol-d6
Concen: 97.059 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

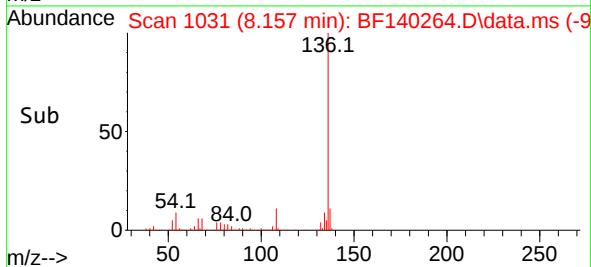
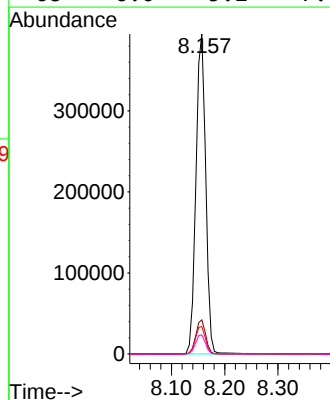
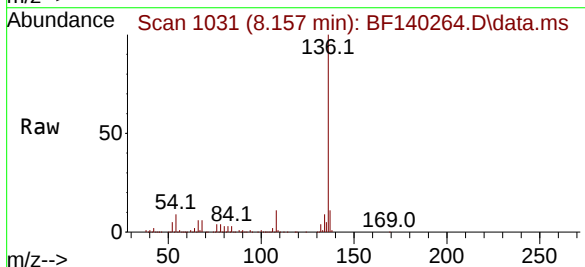
Instrument :
BNA_F
ClientSampleId :
BP-F3

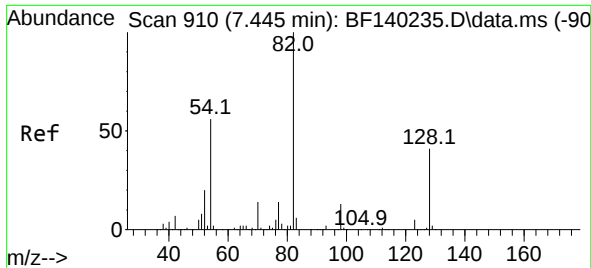
Tgt Ion: 99 Resp: 981195
Ion Ratio Lower Upper
99 100
42 20.6 18.2 27.2
71 37.3 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

Tgt Ion: 136 Resp: 505005
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 8.6 7.7 11.5
68 6.0 5.2 7.8

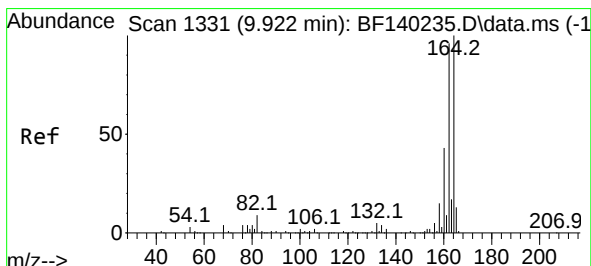
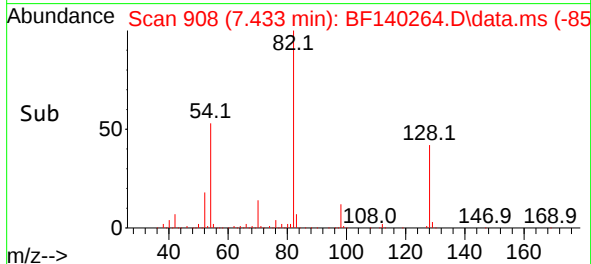
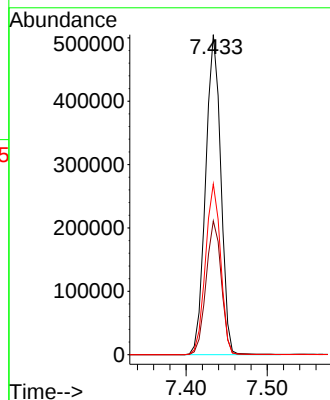
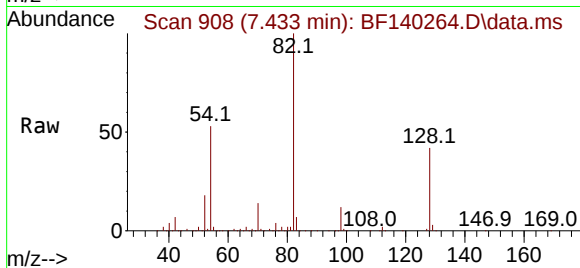




#23
Nitrobenzene-d5
Concen: 64.419 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

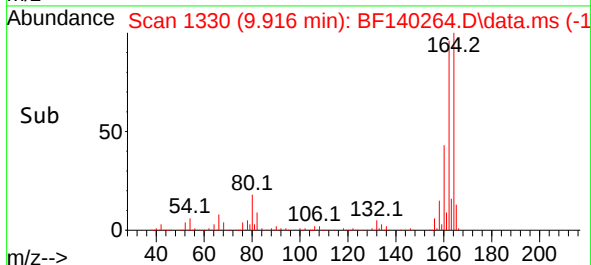
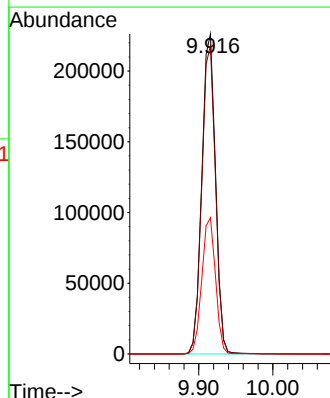
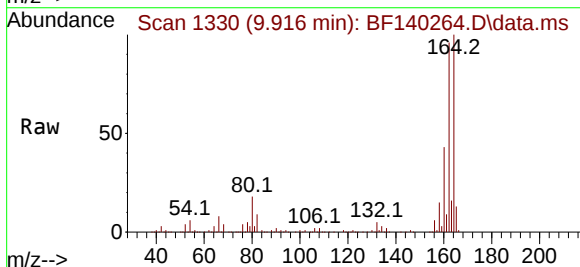
Instrument :
BNA_F
ClientSampleId :
BP-F3

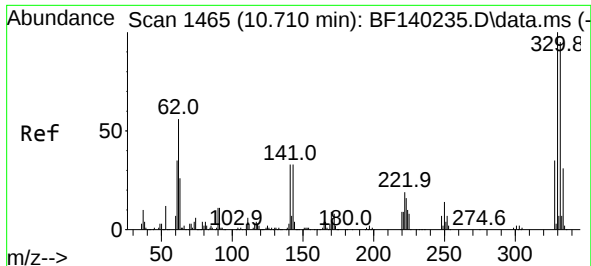
Tgt Ion: 82 Resp: 654321
Ion Ratio Lower Upper
82 100
128 41.8 32.8 49.2
54 53.4 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

Tgt Ion:164 Resp: 290091
Ion Ratio Lower Upper
164 100
162 96.4 77.0 115.4
160 42.6 34.1 51.1

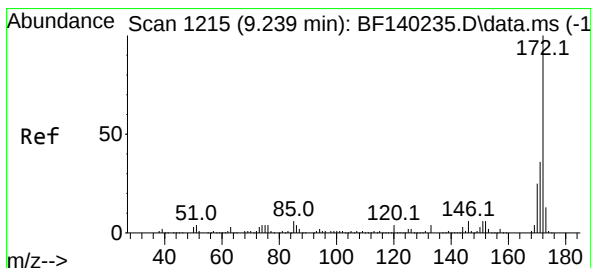
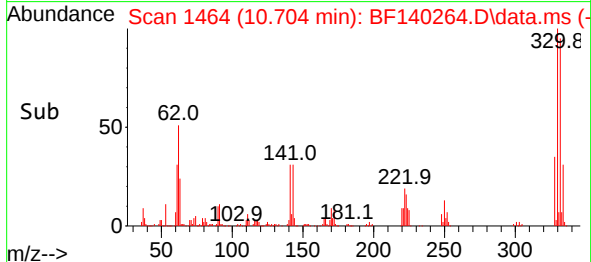
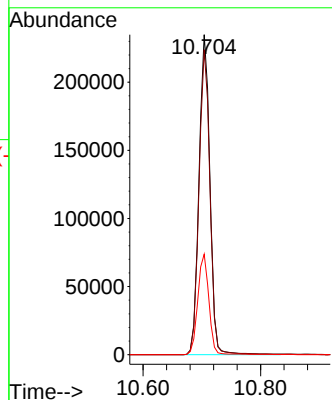
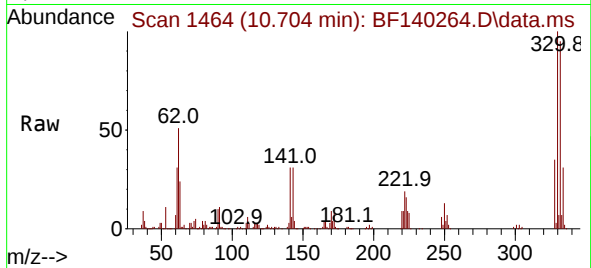




#42
2,4,6-Tribromophenol
Concen: 105.694 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

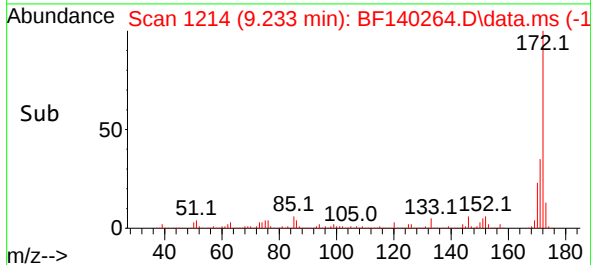
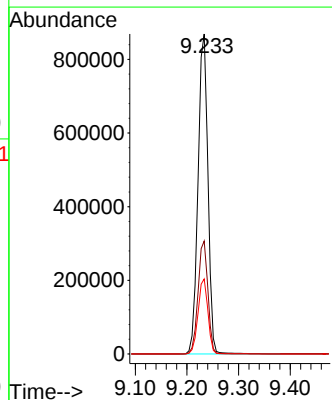
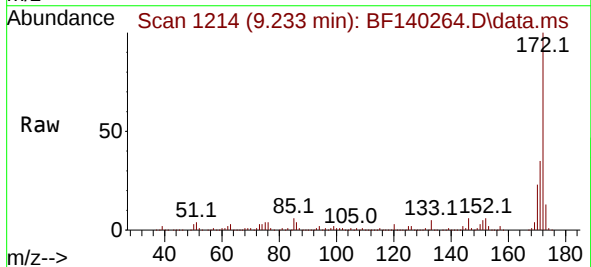
Instrument :
BNA_F
ClientSampleId :
BP-F3

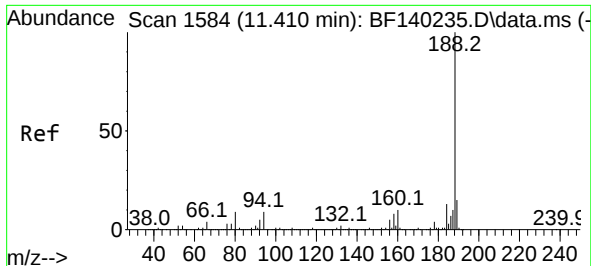
Tgt Ion: 330 Resp: 303066
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 31.8 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 63.578 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

Tgt Ion: 172 Resp: 1155023
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.5 19.6 29.4

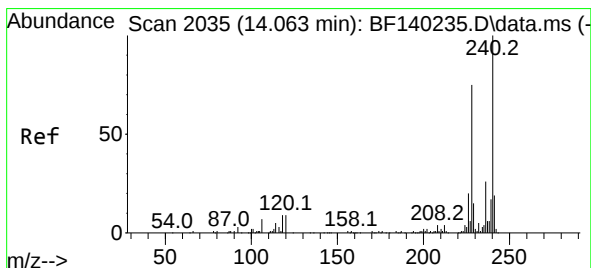
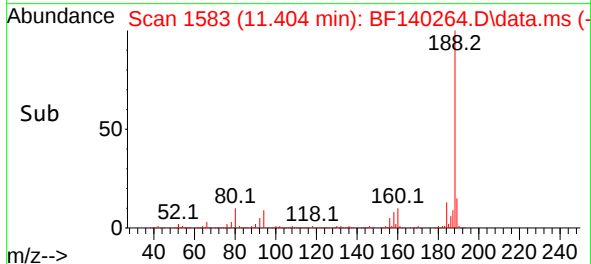
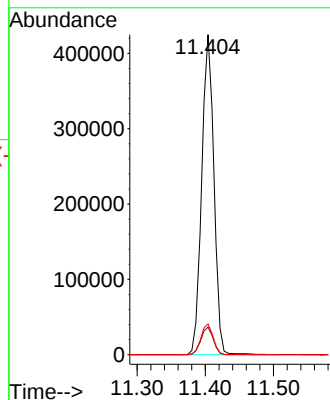
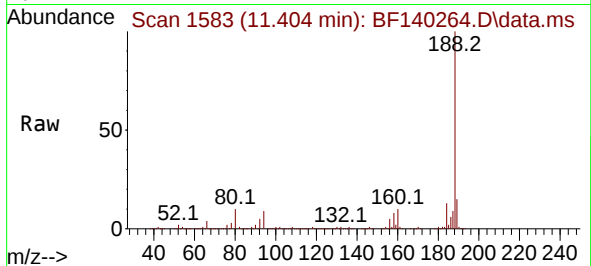




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

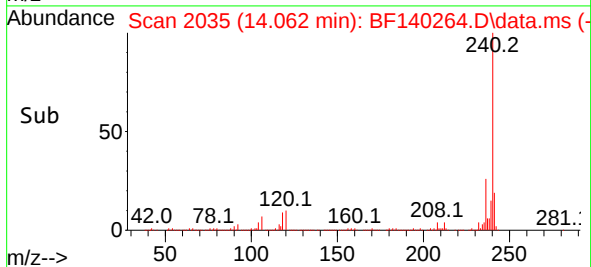
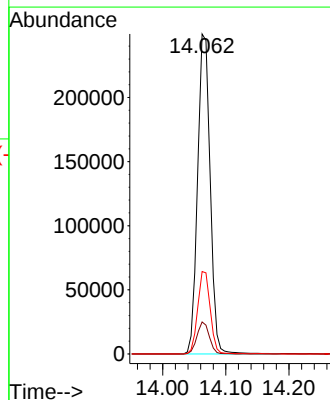
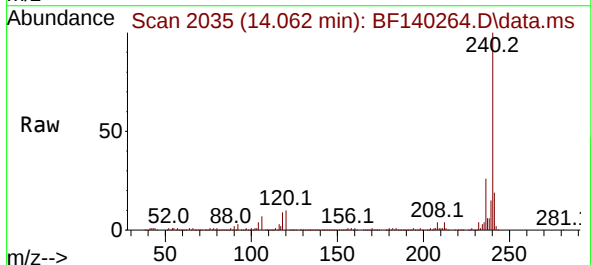
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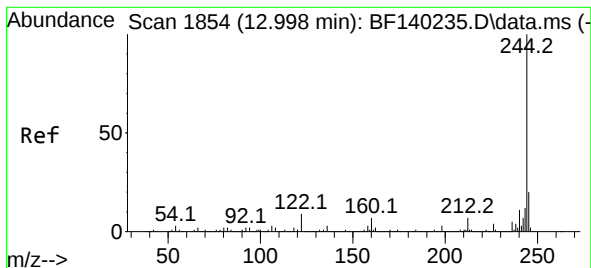
Tgt Ion:188 Resp: 527573
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140264.D
Acq: 07 Nov 2024 10:28

Tgt Ion:240 Resp: 344724
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 56.401 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140264.D

Acq: 07 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

BP-F3

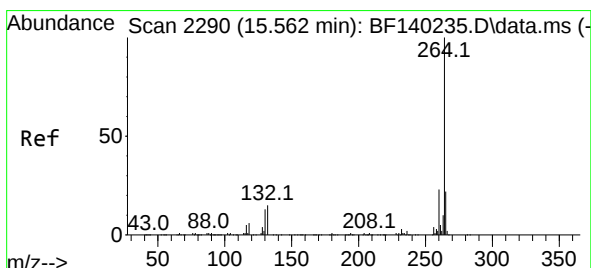
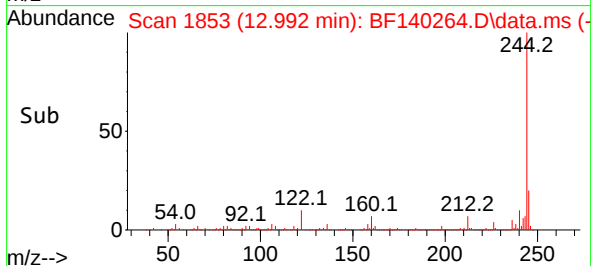
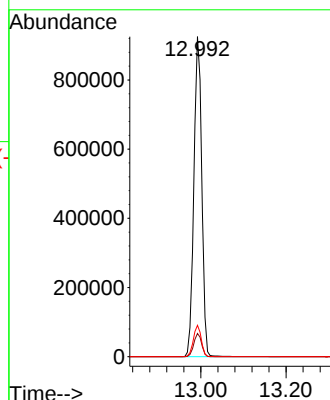
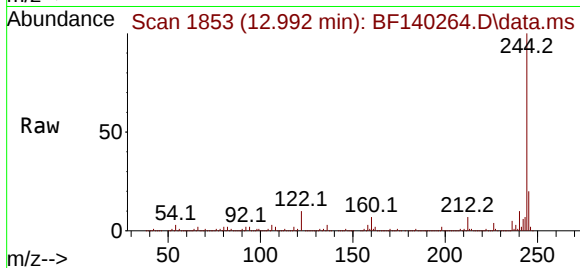
Tgt Ion:244 Resp: 1186899

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2295

Delta R.T. 0.029 min

Lab File: BF140264.D

Acq: 07 Nov 2024 10:28

Tgt Ion:264 Resp: 298115

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.0 17.3 25.9

