

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140291.D
Acq On : 08 Nov 2024 11:54
Operator : RC/JU
Sample : P4732-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPE-COMP

Quant Time: Nov 08 12:31:14 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	115511	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	427356	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	240062	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	366767	20.000	ng	0.00
76) Chrysene-d12	14.057	240	247843	20.000	ng	0.00
86) Perylene-d12	15.568	264	281642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	545328	78.237	ng	0.00
7) Phenol-d6	6.498	99	703331	78.449	ng	0.00
23) Nitrobenzene-d5	7.434	82	459216	53.425	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	182166	76.770	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	864563	57.507	ng	0.00
79) Terphenyl-d14	12.992	244	760247	50.249	ng	0.00

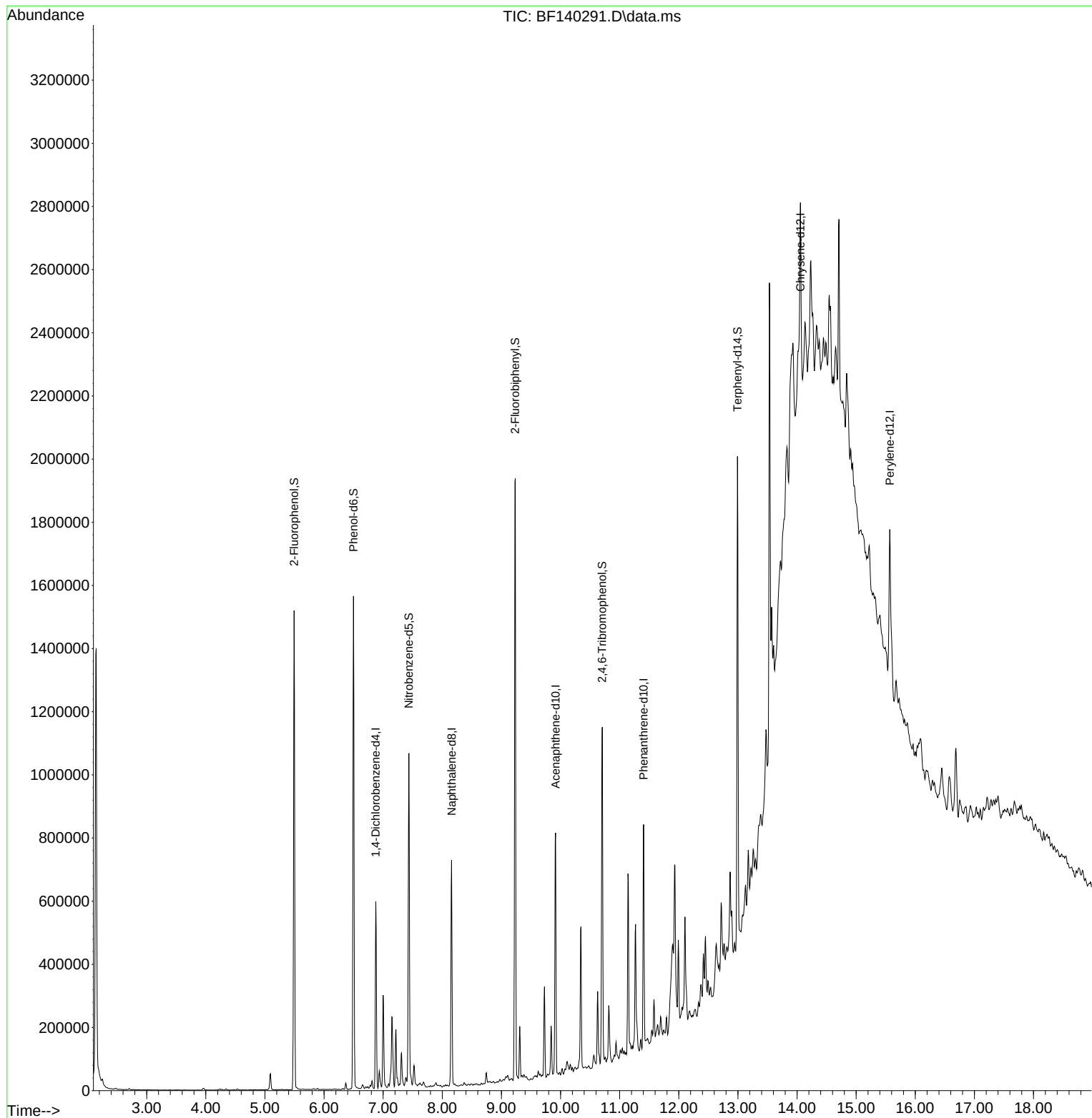
Target Compounds	Qvalue

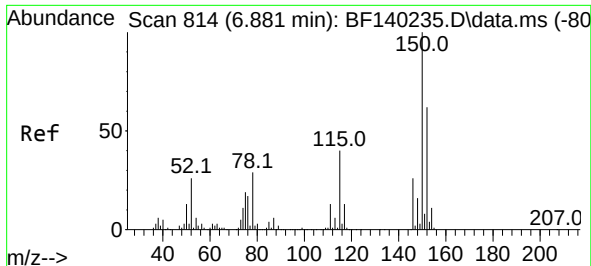
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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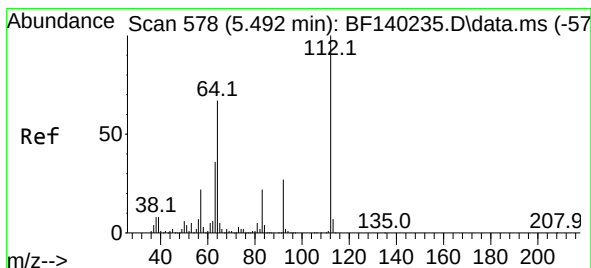
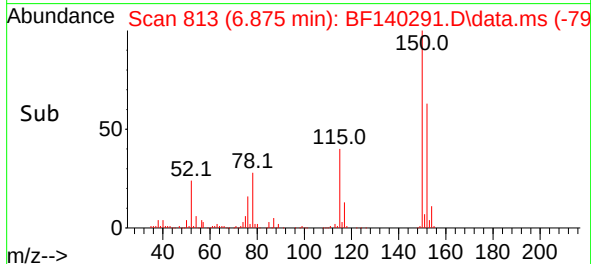
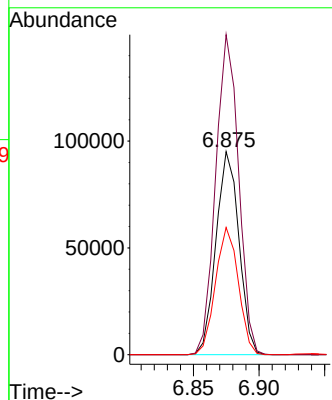
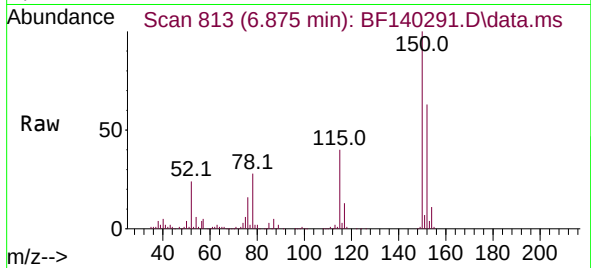




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

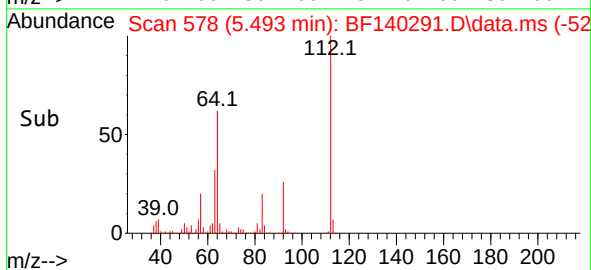
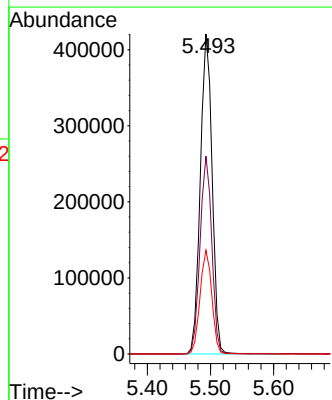
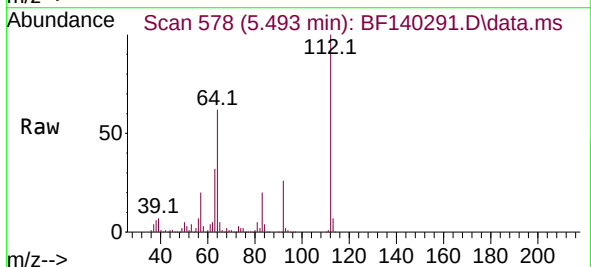
Instrument :
BNA_F
ClientSampleId :
PPE-COMP

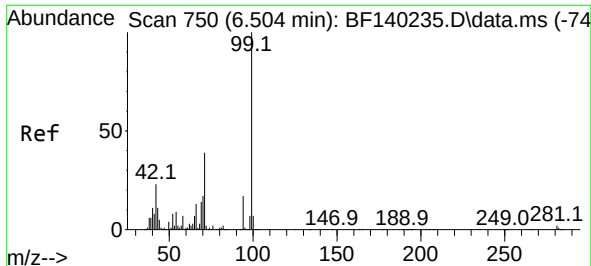
Tgt Ion:152 Resp: 115511
Ion Ratio Lower Upper
152 100
150 157.6 129.4 194.2
115 62.6 51.5 77.3



#5
2-Fluorophenol
Concen: 78.237 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:112 Resp: 545328
Ion Ratio Lower Upper
112 100
64 61.8 53.4 80.2
63 32.4 28.9 43.3

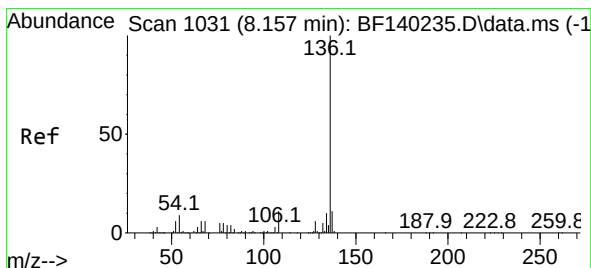
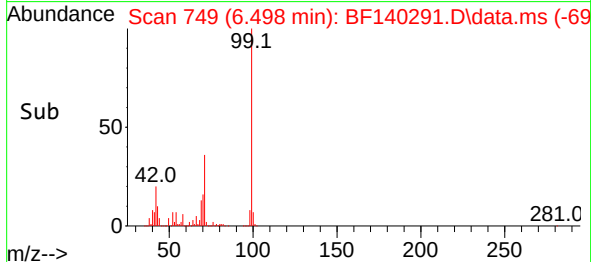
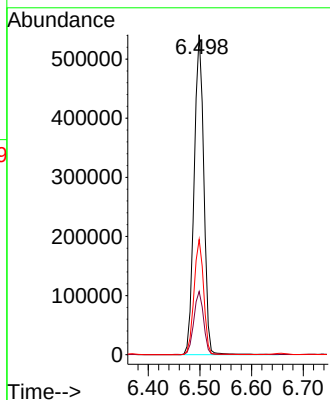
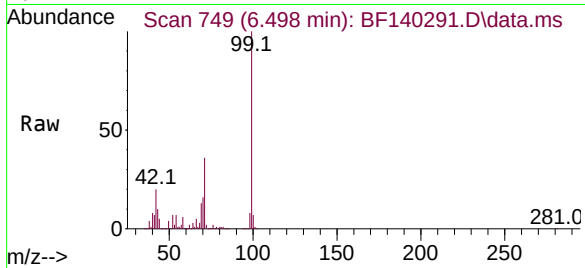




#7
Phenol-d6
Concen: 78.449 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

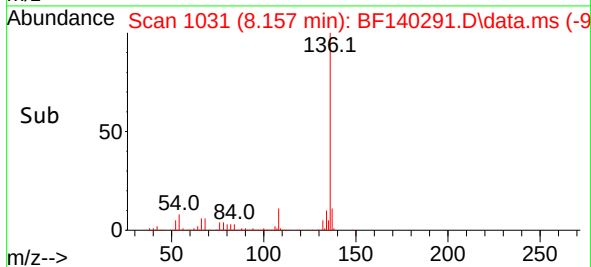
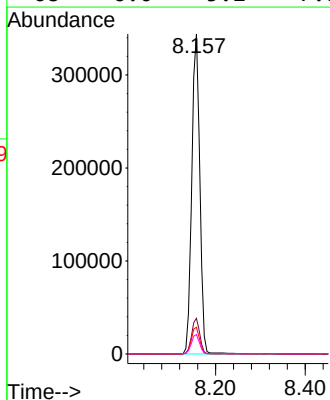
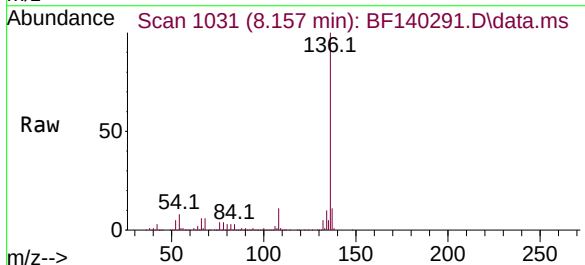
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BNA_F
ClientSampleId :
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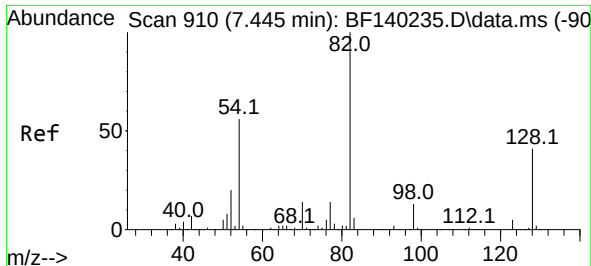
Tgt Ion: 99 Resp: 703331
Ion Ratio Lower Upper
99 100
42 19.7 18.2 27.2
71 36.0 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion: 136 Resp: 427356
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.4 7.7 11.5
68 6.0 5.2 7.8

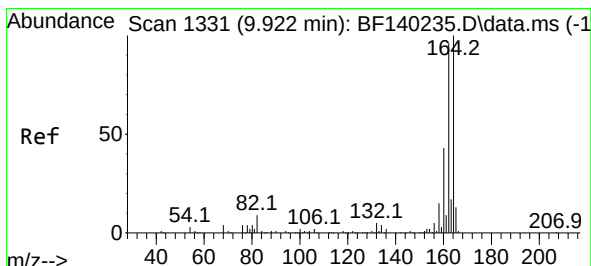
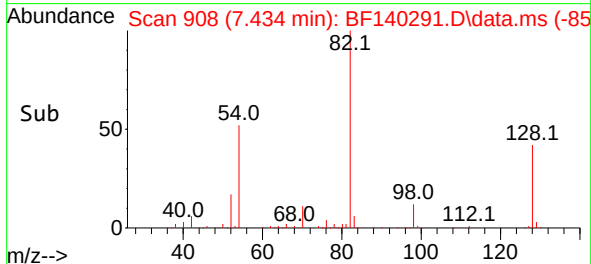
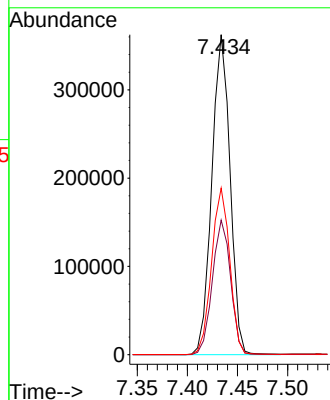
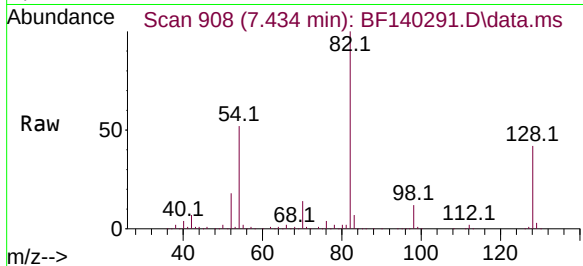




#23
 Nitrobenzene-d5
 Concen: 53.425 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF140291.D
 Acq: 08 Nov 2024 11:54

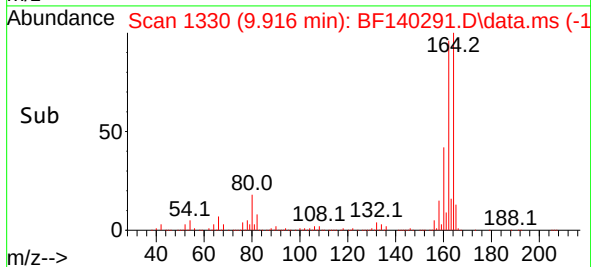
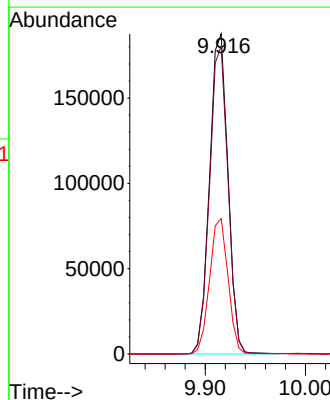
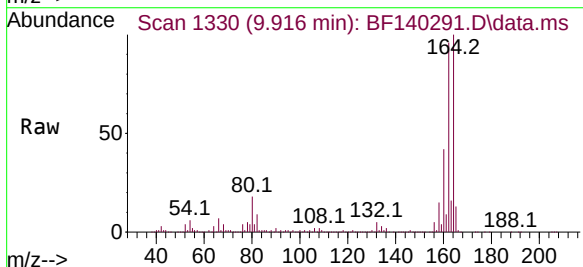
Instrument :
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 ClientSampleId :
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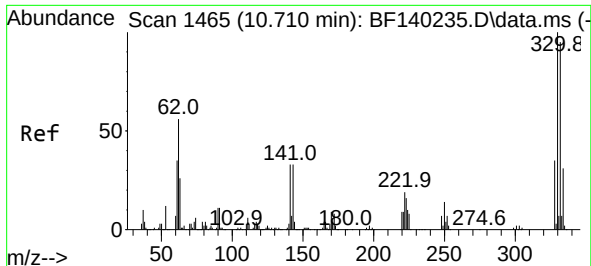
Tgt Ion: 82 Resp: 459216
 Ion Ratio Lower Upper
 82 100
 128 42.0 32.8 49.2
 54 52.1 44.3 66.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: BF140291.D
 Acq: 08 Nov 2024 11:54

Tgt Ion:164 Resp: 240062
 Ion Ratio Lower Upper
 164 100
 162 96.2 77.0 115.4
 160 42.3 34.1 51.1

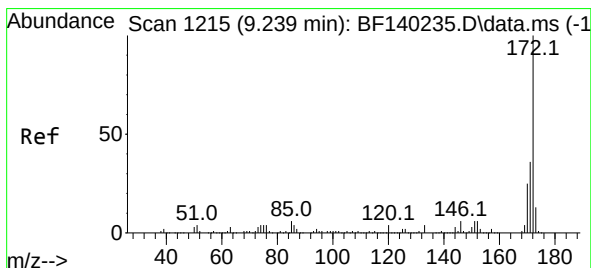
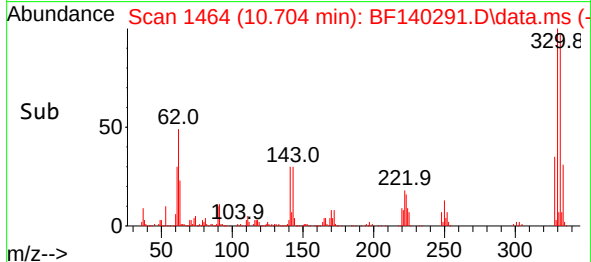
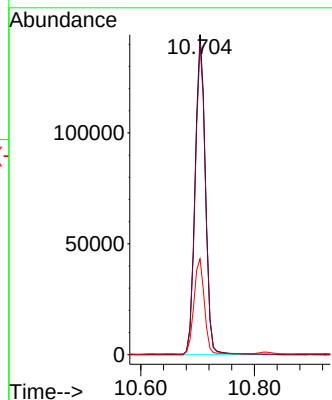
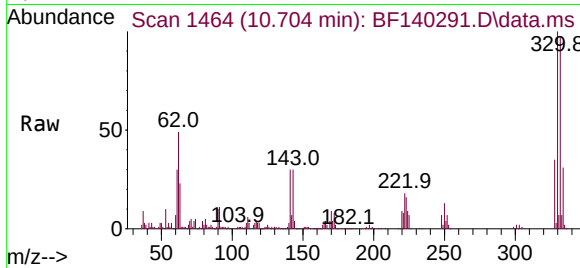




#42
2,4,6-Tribromophenol
Concen: 76.770 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

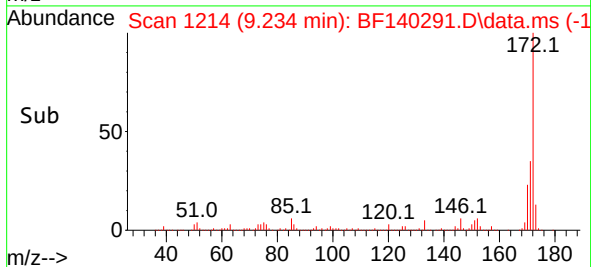
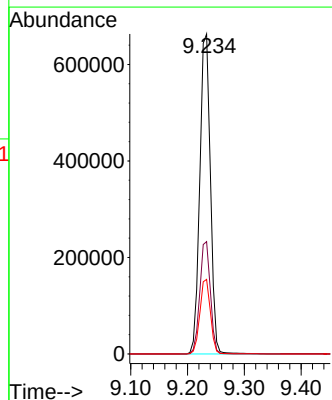
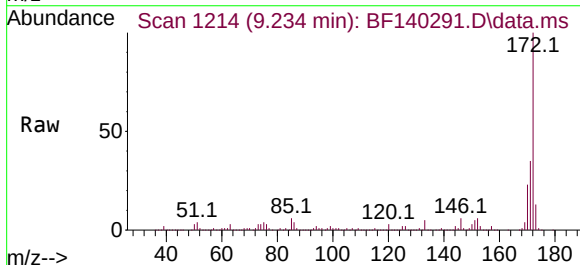
Instrument :
BNA_F
ClientSampleId :
PPE-COMP

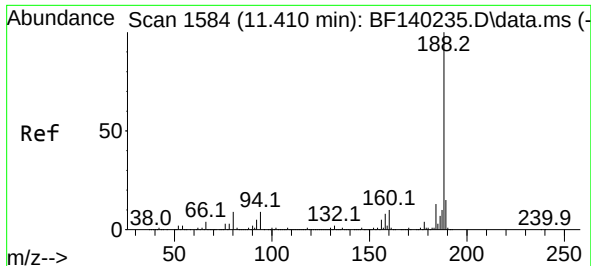
Tgt Ion:330 Resp: 182166
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 29.9 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 57.507 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:172 Resp: 864563
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.3 19.6 29.4

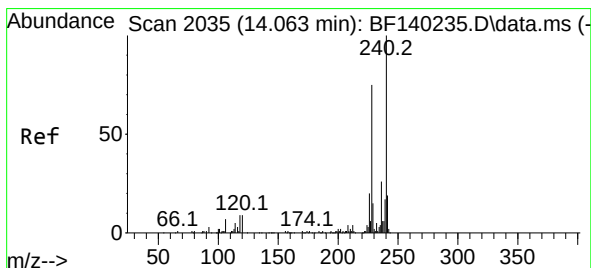
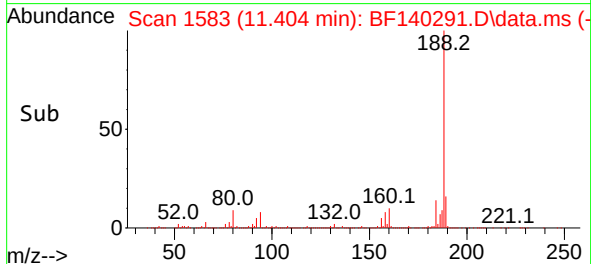
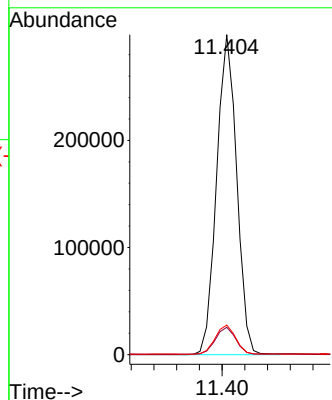
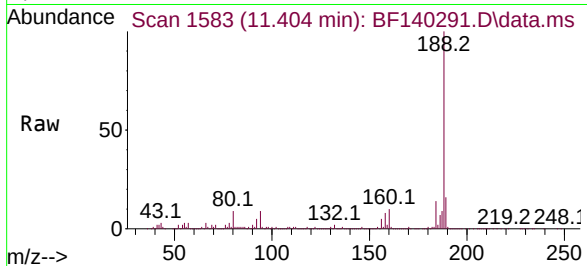




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

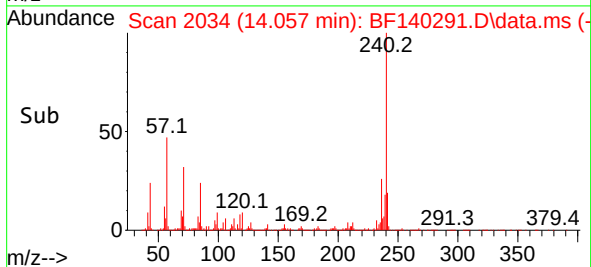
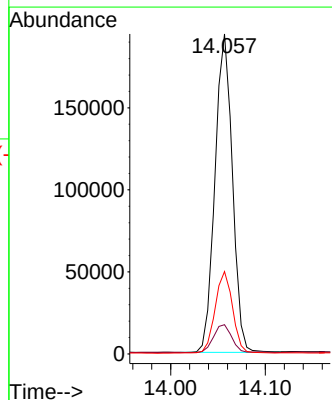
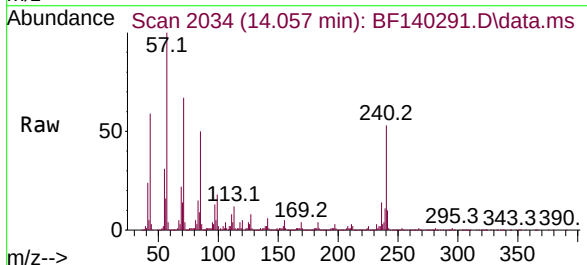
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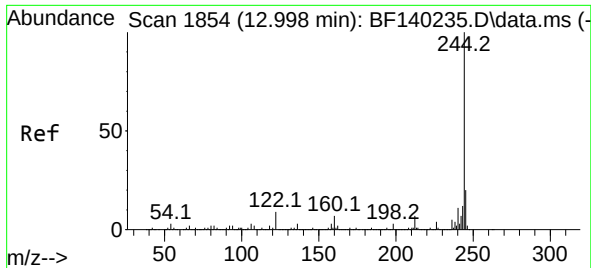
Tgt Ion:188 Resp: 366767
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:240 Resp: 247843
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 25.7 20.9 31.3

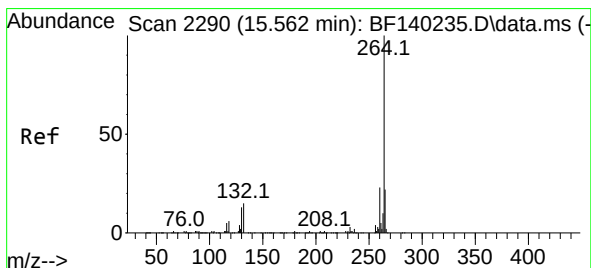
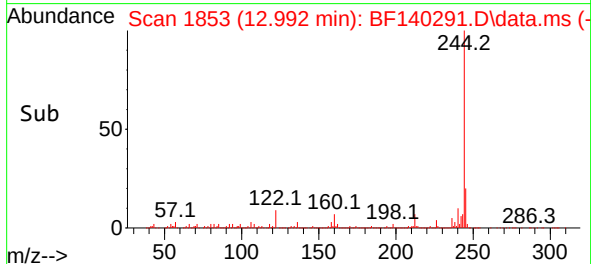
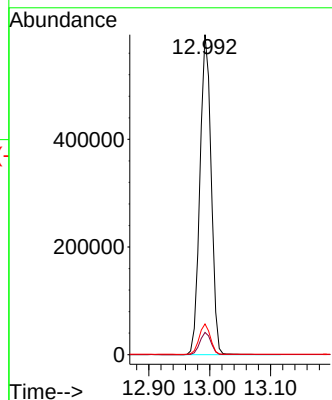
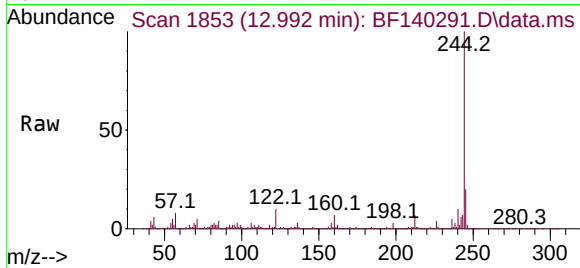




#79
 Terphenyl-d14
 Concen: 50.249 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140291.D
 Acq: 08 Nov 2024 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PPE-COMP

Tgt Ion:244 Resp: 760247
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.006 min
 Lab File: BF140291.D
 Acq: 08 Nov 2024 11:54

Tgt Ion:264 Resp: 281642
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.7 17.3 25.9

