

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140240.D
Acq On : 05 Nov 2024 16:37
Operator : RC/JU
Sample : PB164366BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164366BL

Quant Time: Nov 05 23:57:00 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	182620	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	710924	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	424484	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	795173	20.000	ng	0.00
76) Chrysene-d12	14.057	240	535780	20.000	ng	0.00
86) Perylene-d12	15.574	264	445617	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1405439	127.538	ng	0.02
7) Phenol-d6	6.498	99	1742656	122.947	ng	0.00
23) Nitrobenzene-d5	7.434	82	1207743	84.463	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	554568	132.172	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2234906	84.072	ng	0.00
79) Terphenyl-d14	12.998	244	2855079	87.293	ng	0.00

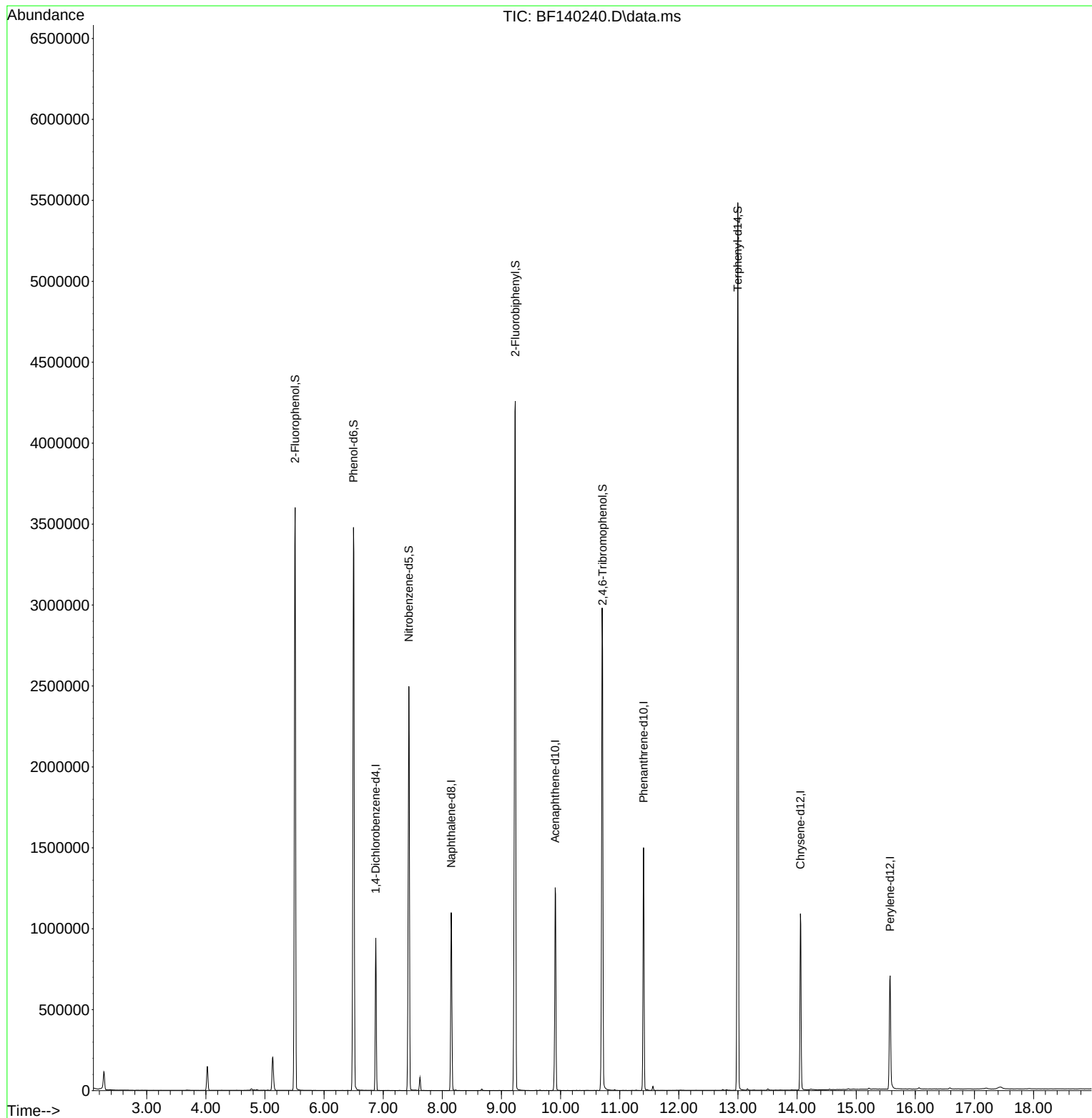
Target Compounds	Qvalue
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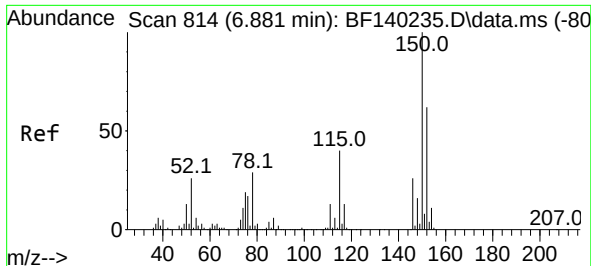
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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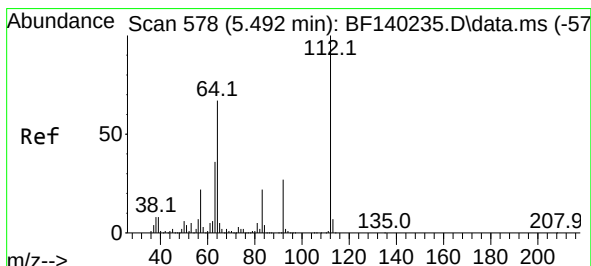
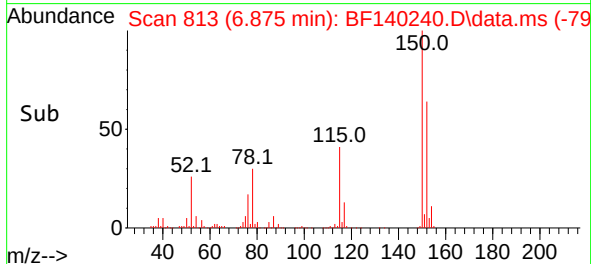
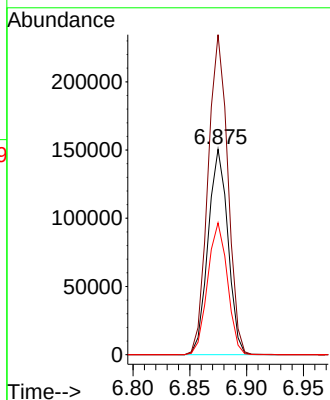
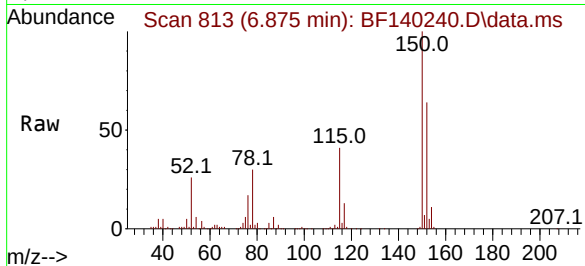




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

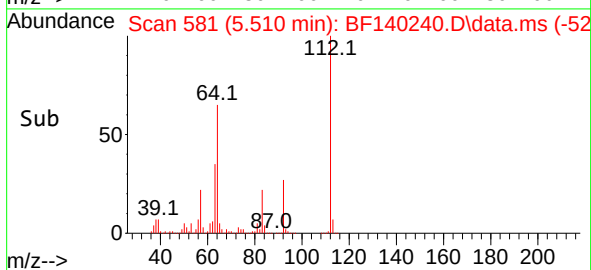
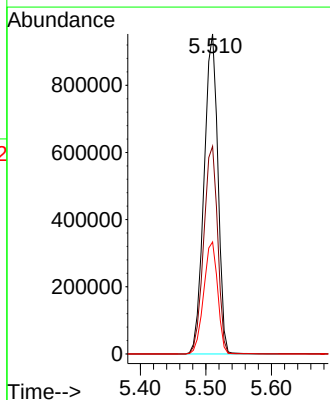
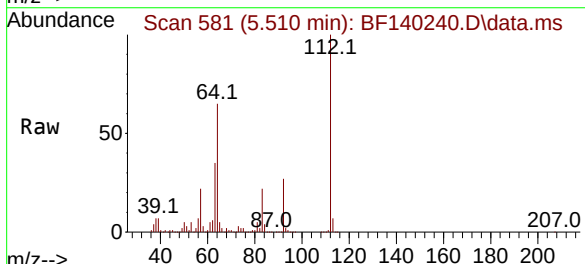
Instrument :
BNA_F
ClientSampleId :
PB164366BL

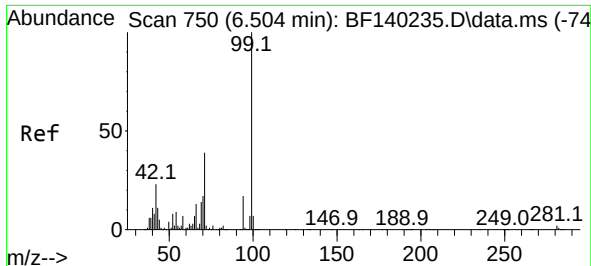
Tgt Ion:152 Resp: 182620
Ion Ratio Lower Upper
152 100
150 155.8 129.4 194.2
115 64.2 51.5 77.3



#5
2-Fluorophenol
Concen: 127.538 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:112 Resp: 1405439
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 35.0 28.9 43.3

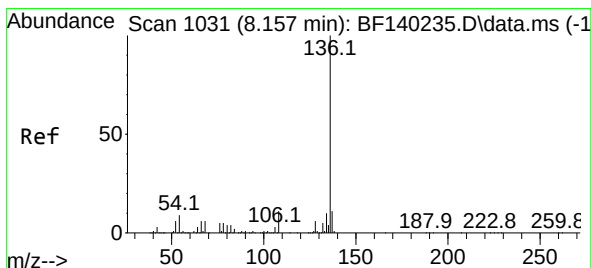
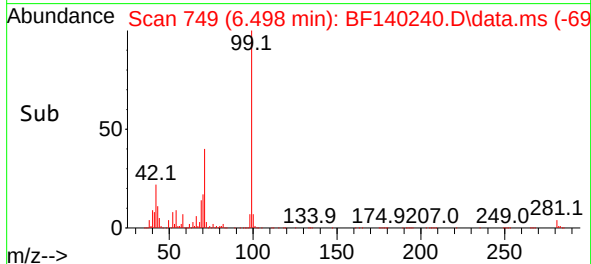
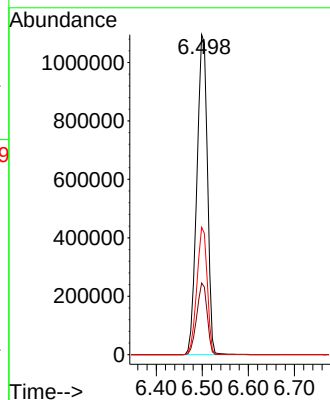
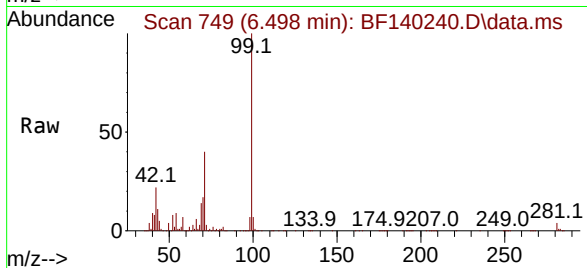




#7
Phenol-d6
Concen: 122.947 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

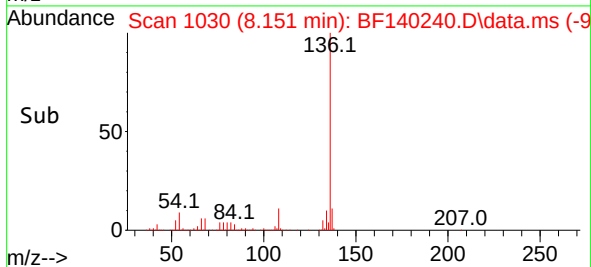
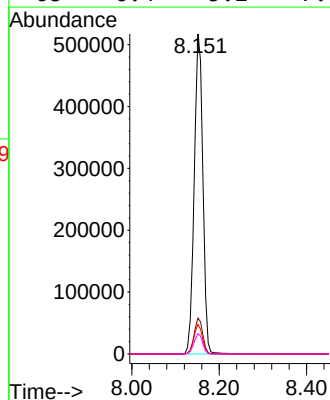
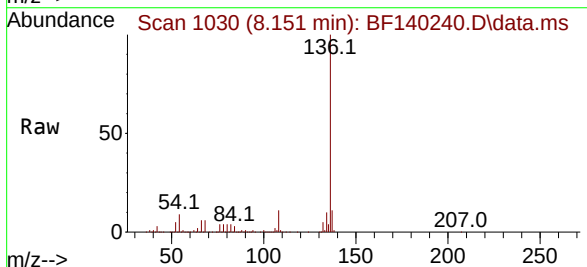
Instrument :
BNA_F
ClientSampleId :
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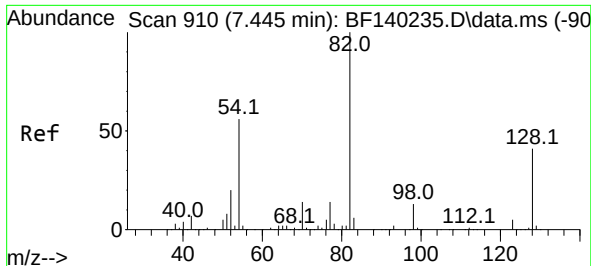
Tgt Ion: 99 Resp: 1742656
Ion Ratio Lower Upper
99 100
42 22.4 18.2 27.2
71 39.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion: 136 Resp: 710924
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.2 7.7 11.5
68 6.4 5.2 7.8

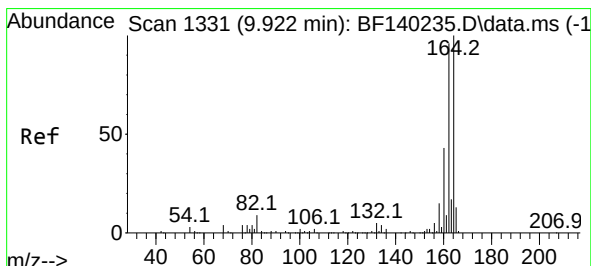
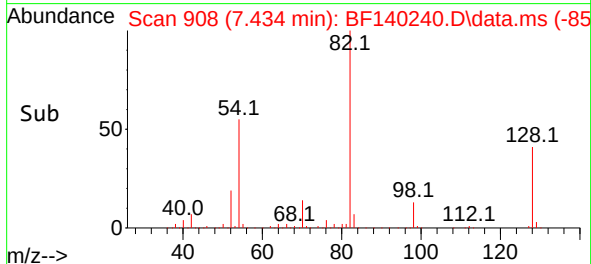
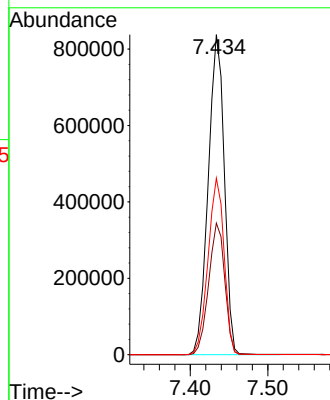
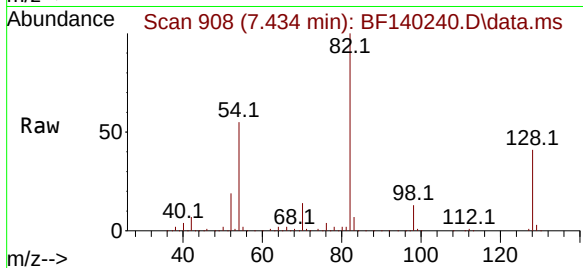




#23
Nitrobenzene-d5
Concen: 84.463 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

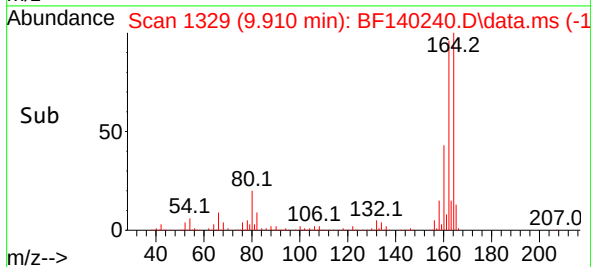
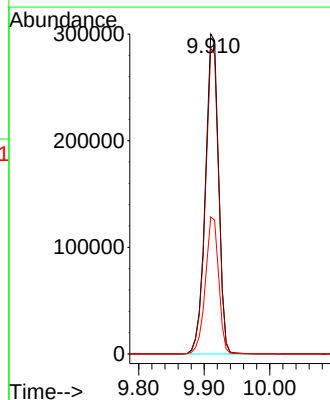
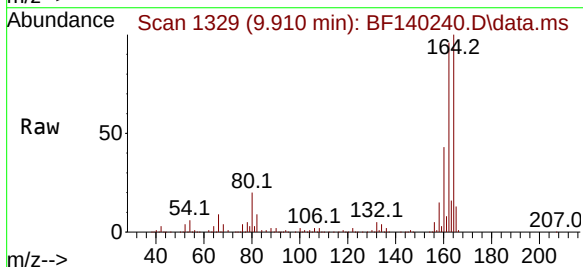
Instrument :
BNA_F
ClientSampleId :
PB164366BL

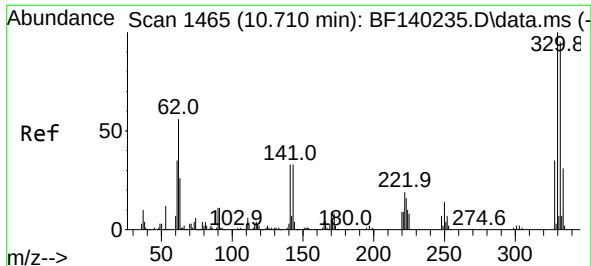
Tgt Ion: 82 Resp: 1207743
Ion Ratio Lower Upper
82 100
128 41.1 32.8 49.2
54 55.1 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:164 Resp: 424484
Ion Ratio Lower Upper
164 100
162 95.5 77.0 115.4
160 42.8 34.1 51.1

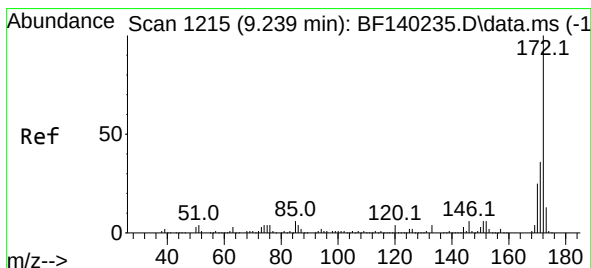
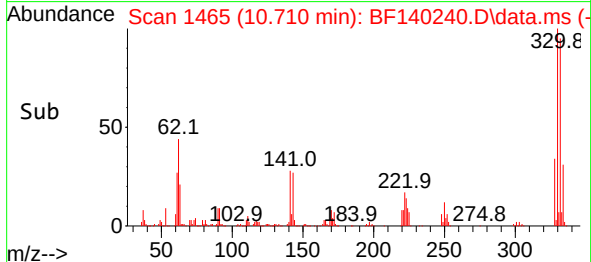
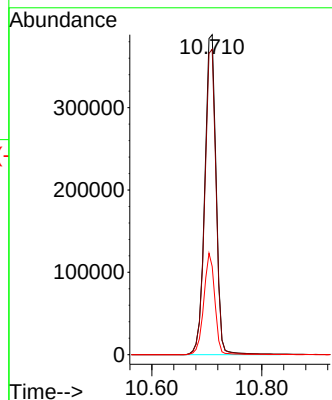
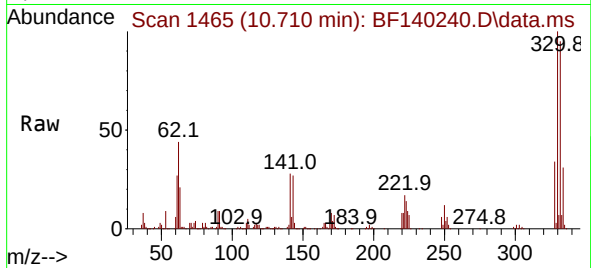




#42
2,4,6-Tribromophenol
Concen: 132.172 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

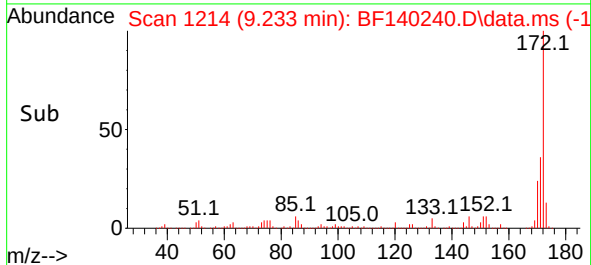
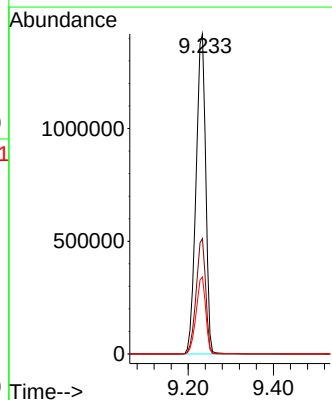
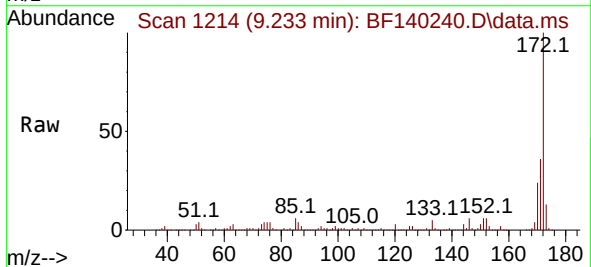
Instrument :
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ClientSampleId :
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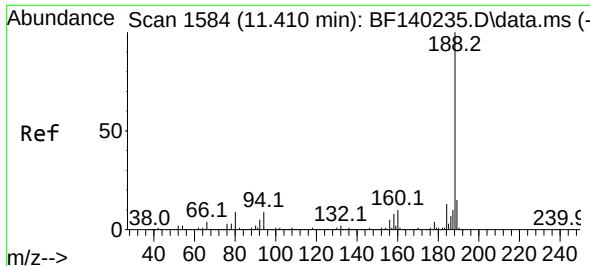
Tgt Ion:330 Resp: 554568
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 31.2 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 84.072 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:172 Resp: 2234906
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.6 29.4

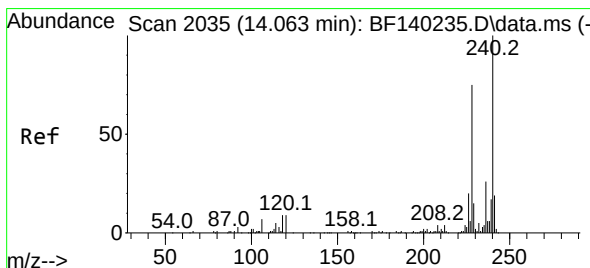
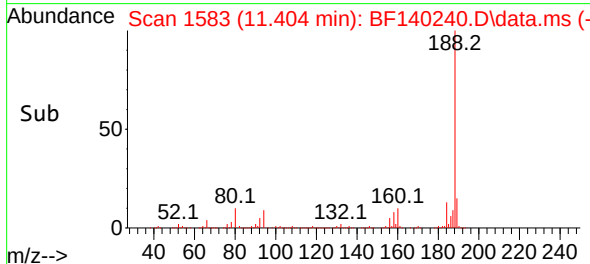
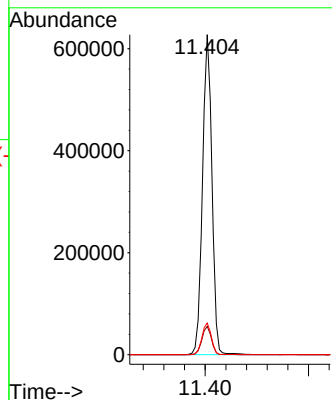
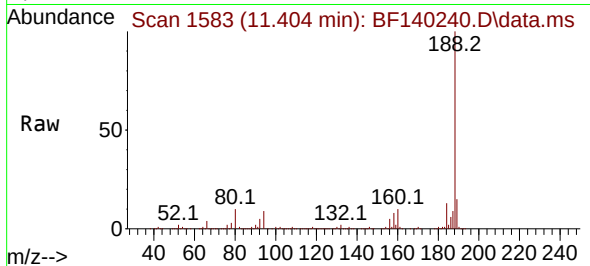




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

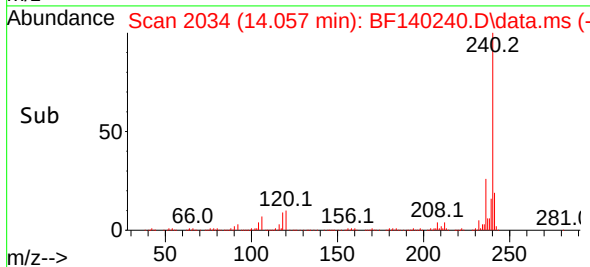
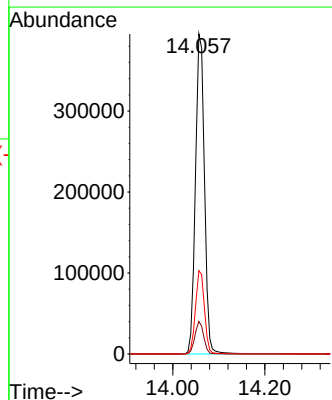
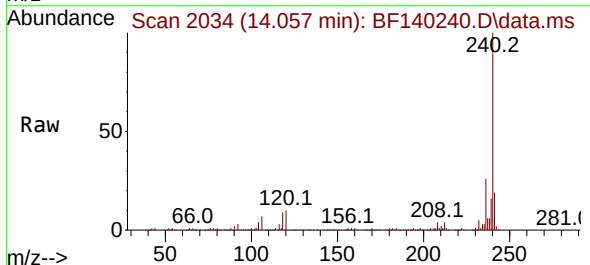
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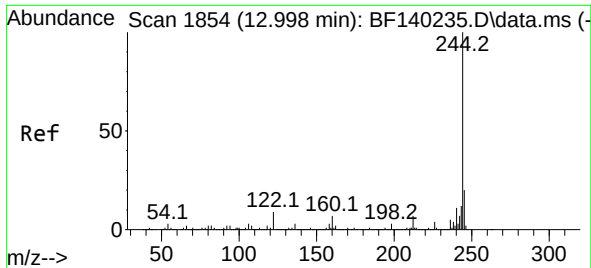
Tgt Ion:188 Resp: 795173
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140240.D
Acq: 05 Nov 2024 16:37

Tgt Ion:240 Resp: 535780
Ion Ratio Lower Upper
240 100
120 10.2 7.5 11.3
236 26.0 20.9 31.3

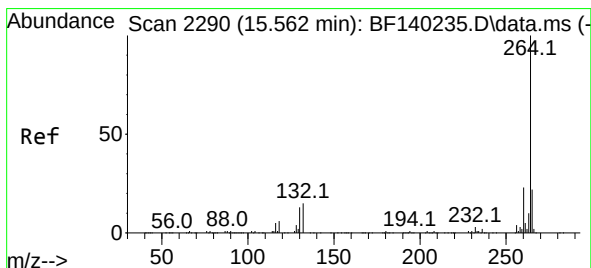
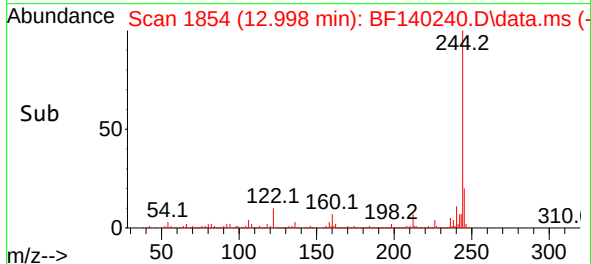
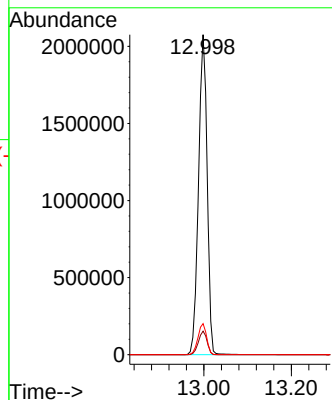
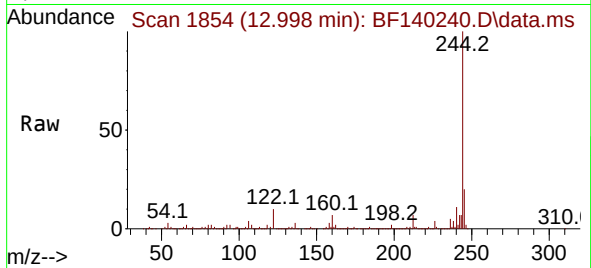




#79
 Terphenyl-d14
 Concen: 87.293 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140240.D
 Acq: 05 Nov 2024 16:37

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2855079
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.012 min
 Lab File: BF140240.D
 Acq: 05 Nov 2024 16:37

Tgt Ion:264 Resp: 445617
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.3 25.9

