

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140777.D
 Acq On : 06 Dec 2024 19:52
 Operator : RC/JU
 Sample : P5108-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-COMP

Quant Time: Dec 06 21:56:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64927	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	244605	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	124314	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	193576	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	140154	20.000	ng	0.00
86) Perylene-d12	15.562	264	141437	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	343483	90.263	ng	0.00
7) Phenol-d6	6.510	99	440018	87.466	ng	0.00
23) Nitrobenzene-d5	7.434	82	287457	60.111	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	96605	72.660	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	574304	68.832	ng	-0.01
79) Terphenyl-d14	12.980	244	457474	50.826	ng	-0.01

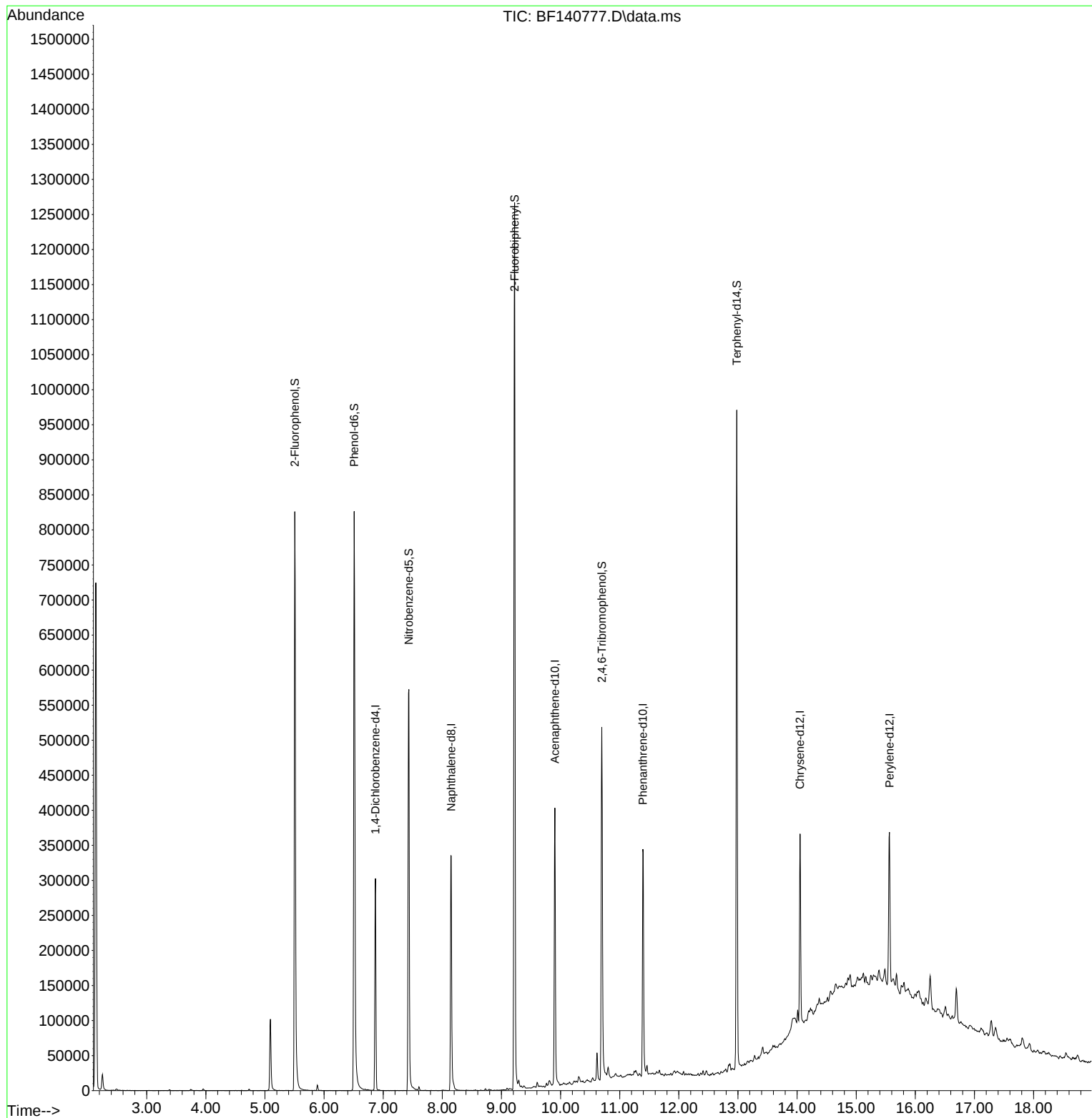
Target Compounds	Qvalue

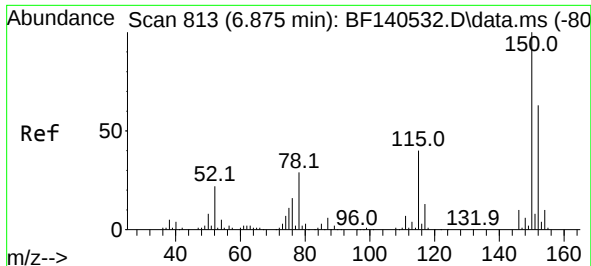
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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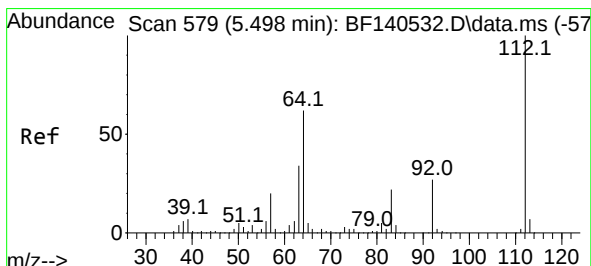
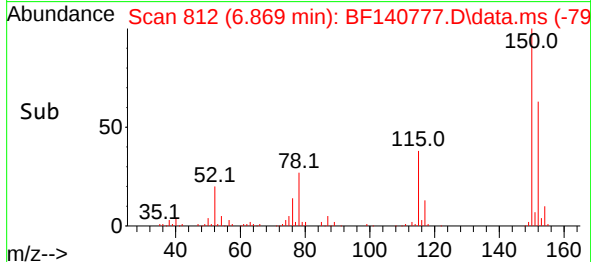
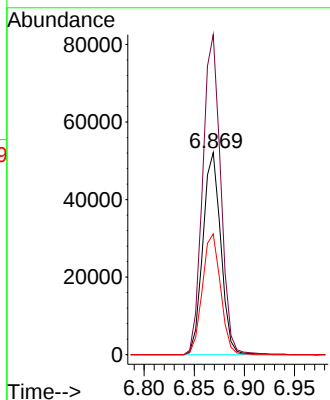
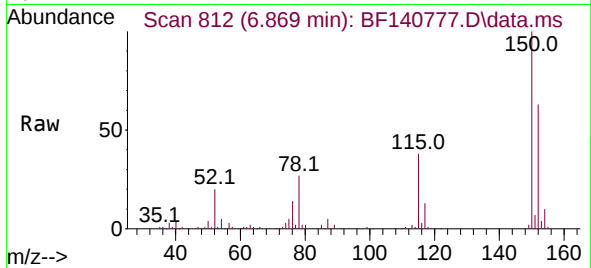




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

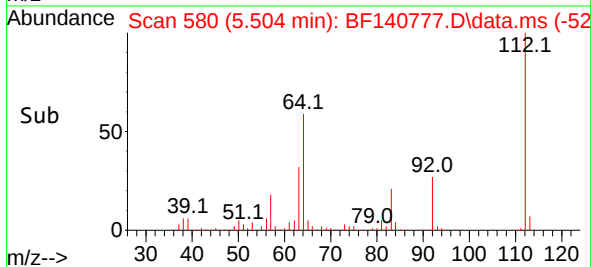
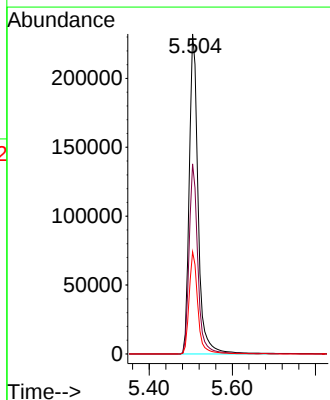
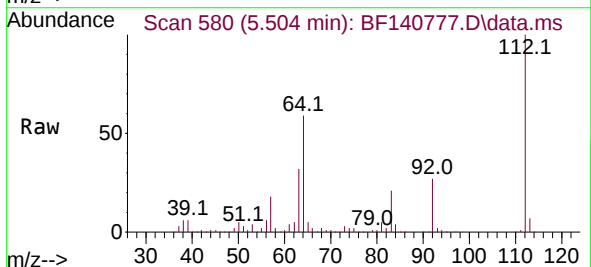
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

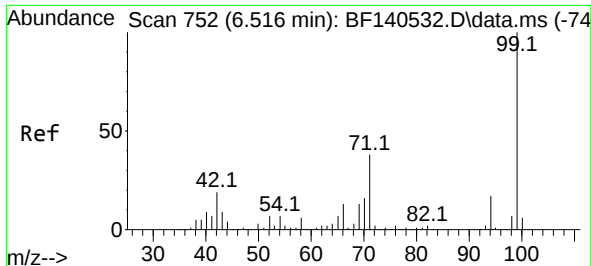
Tgt Ion:152 Resp: 64927
Ion Ratio Lower Upper
152 100
150 158.4 128.5 192.7
115 59.8 50.2 75.4



#5
2-Fluorophenol
Concen: 90.263 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

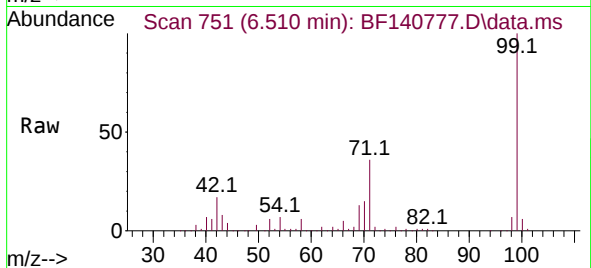
Tgt Ion:112 Resp: 343483
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.9 27.0 40.4



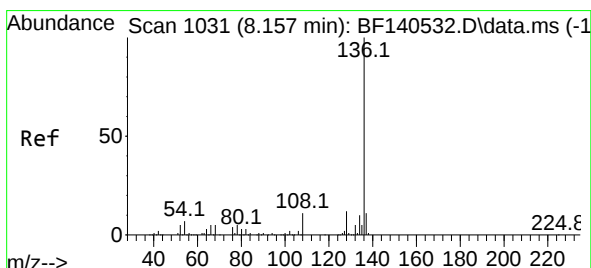
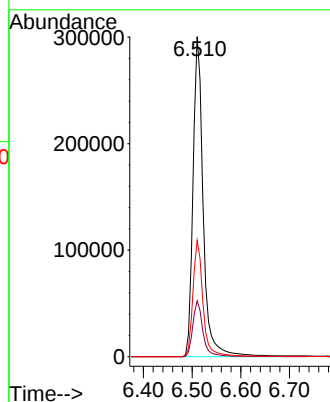
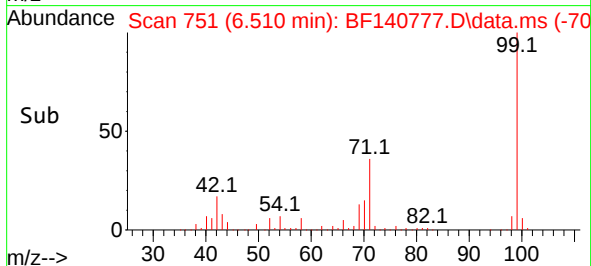


#7
Phenol-d6
Concen: 87.466 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

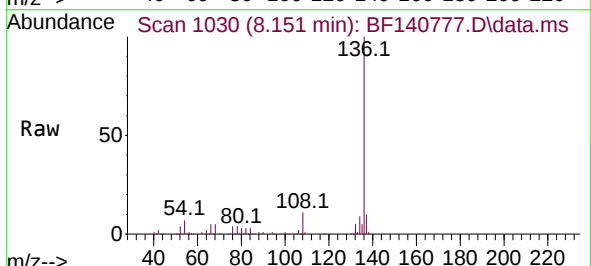
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP



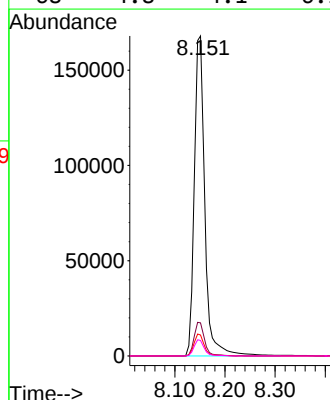
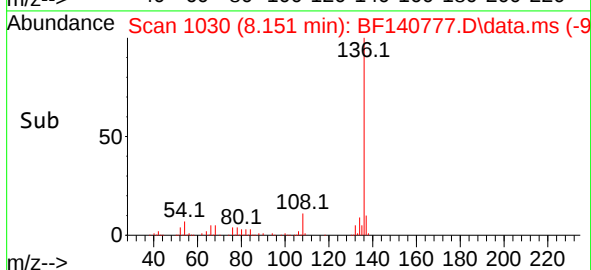
Tgt Ion: 99 Resp: 440018
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.3 30.6 46.0

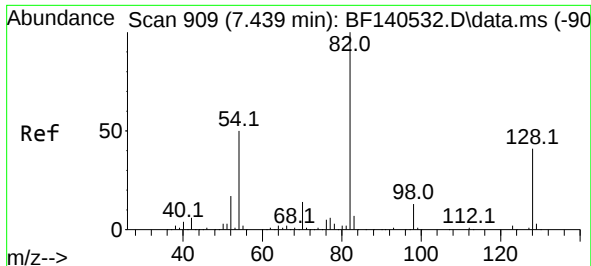


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52



Tgt Ion: 136 Resp: 244605
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 6.5 5.8 8.8
68 4.8 4.1 6.1

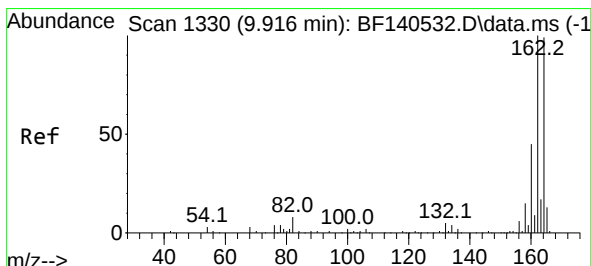
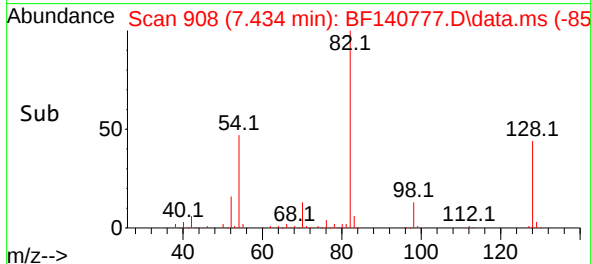
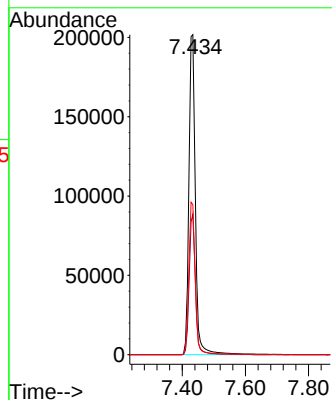
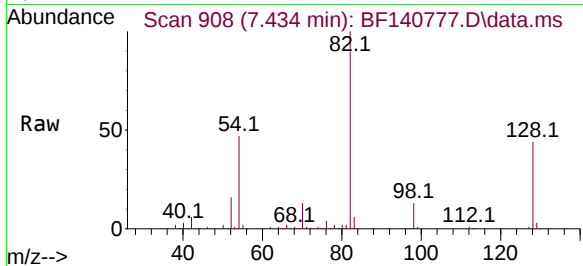




#23
Nitrobenzene-d5
Concen: 60.111 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

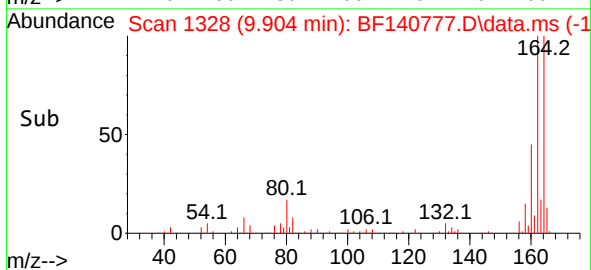
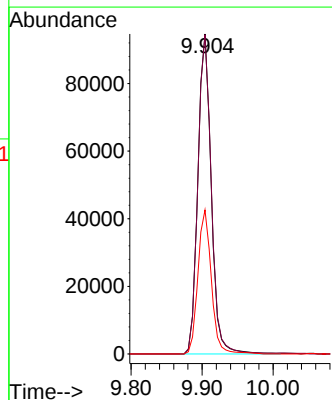
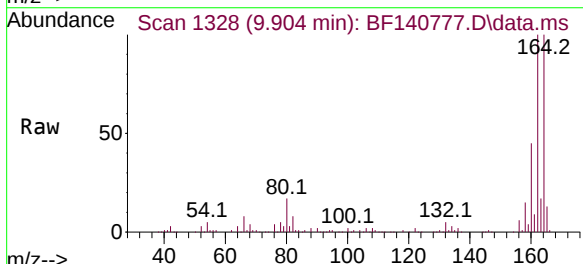
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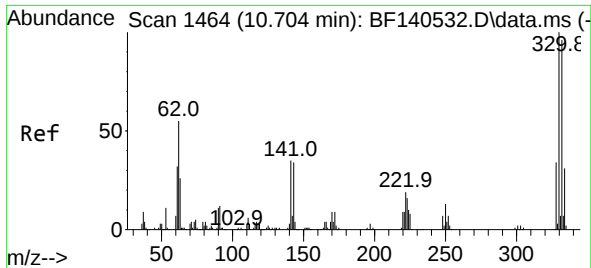
Tgt Ion: 82 Resp: 287457
Ion Ratio Lower Upper
82 100
128 43.9 33.0 49.4
54 46.9 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

Tgt Ion: 164 Resp: 124314
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 45.0 36.2 54.4

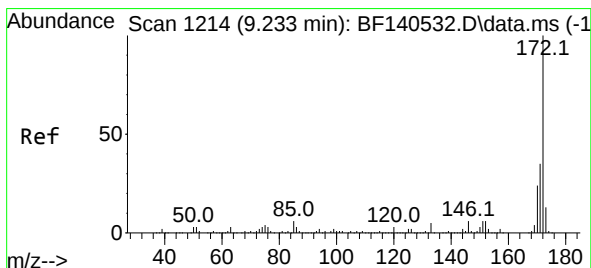
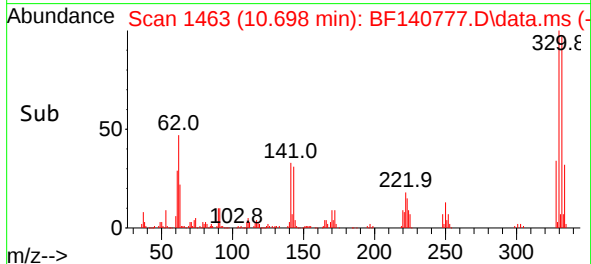
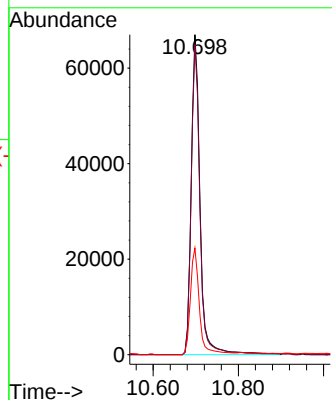
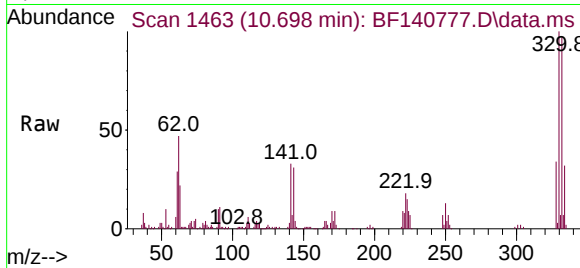




#42
2,4,6-Tribromophenol
Concen: 72.660 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

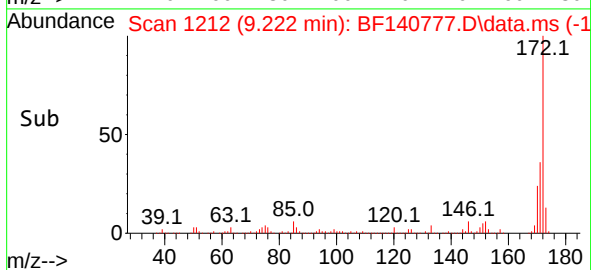
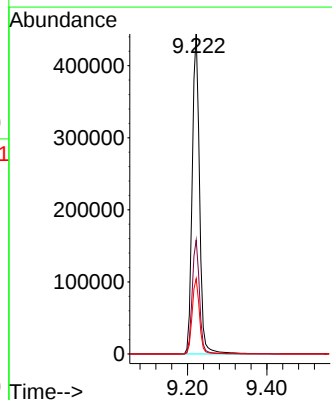
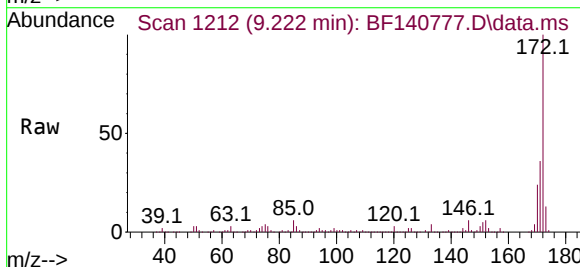
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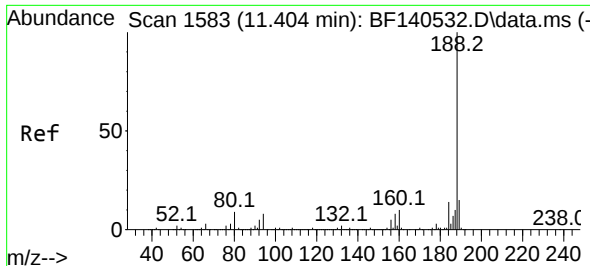
Tgt Ion:330 Resp: 96605
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 34.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 68.832 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

Tgt Ion:172 Resp: 574304
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.5 19.0 28.6

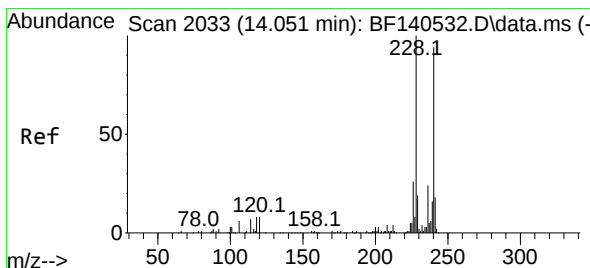
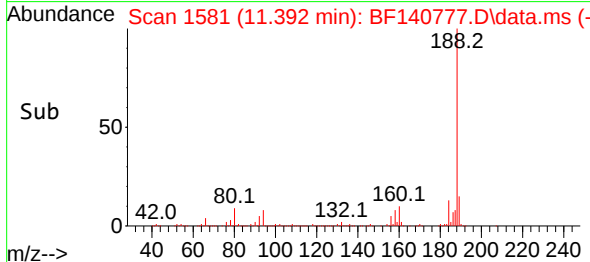
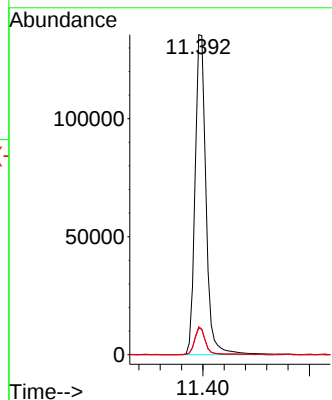
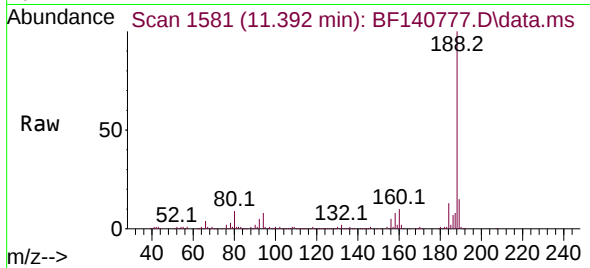




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

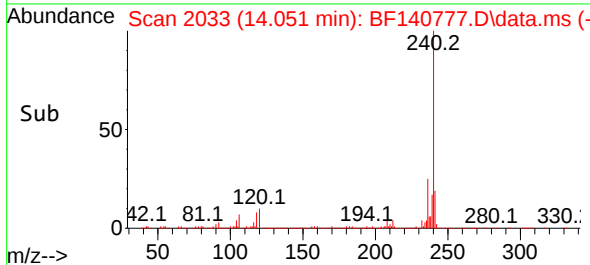
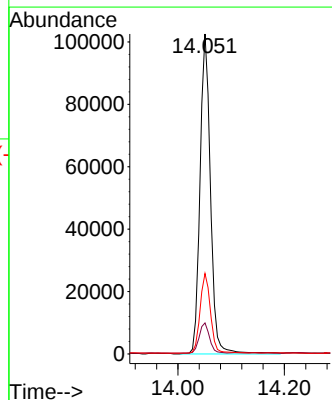
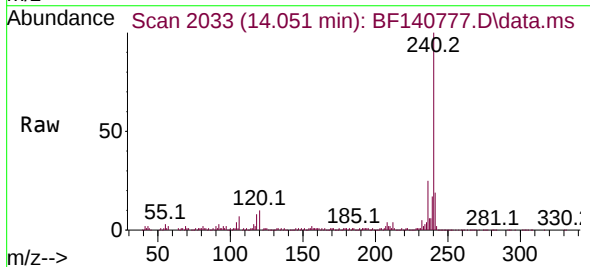
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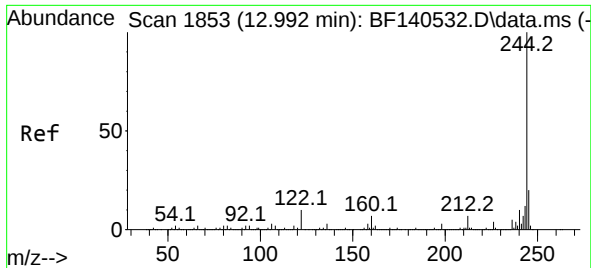
Tgt Ion:188 Resp: 193576
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

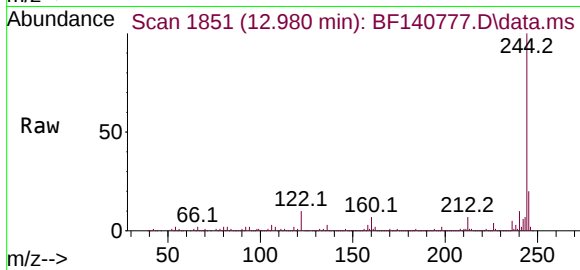
Tgt Ion:240 Resp: 140154
Ion Ratio Lower Upper
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120 9.7 7.3 10.9
236 25.2 20.6 31.0



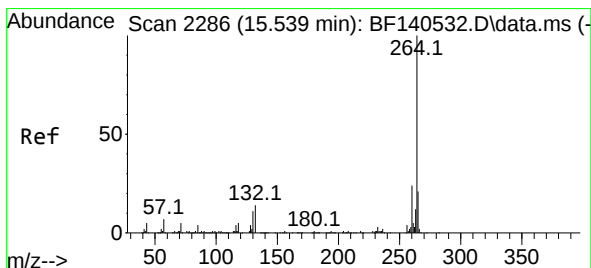
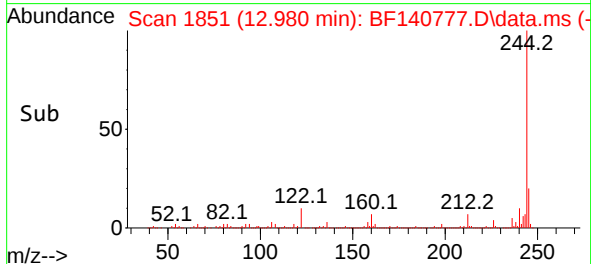
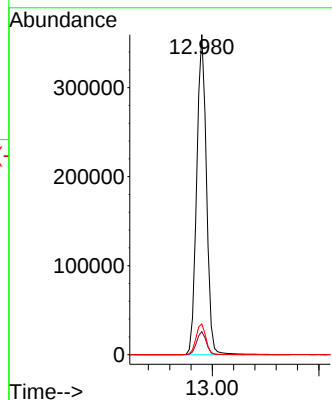


#79
 Terphenyl-d14
 Concen: 50.826 ng
 RT: 12.980 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF140777.D
 Acq: 06 Dec 2024 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-COMP



Tgt Ion:244 Resp: 457474
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2290
 Delta R.T. 0.024 min
 Lab File: BF140777.D
 Acq: 06 Dec 2024 19:52

Tgt Ion:264 Resp: 141437
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.7 16.6 25.0

