

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

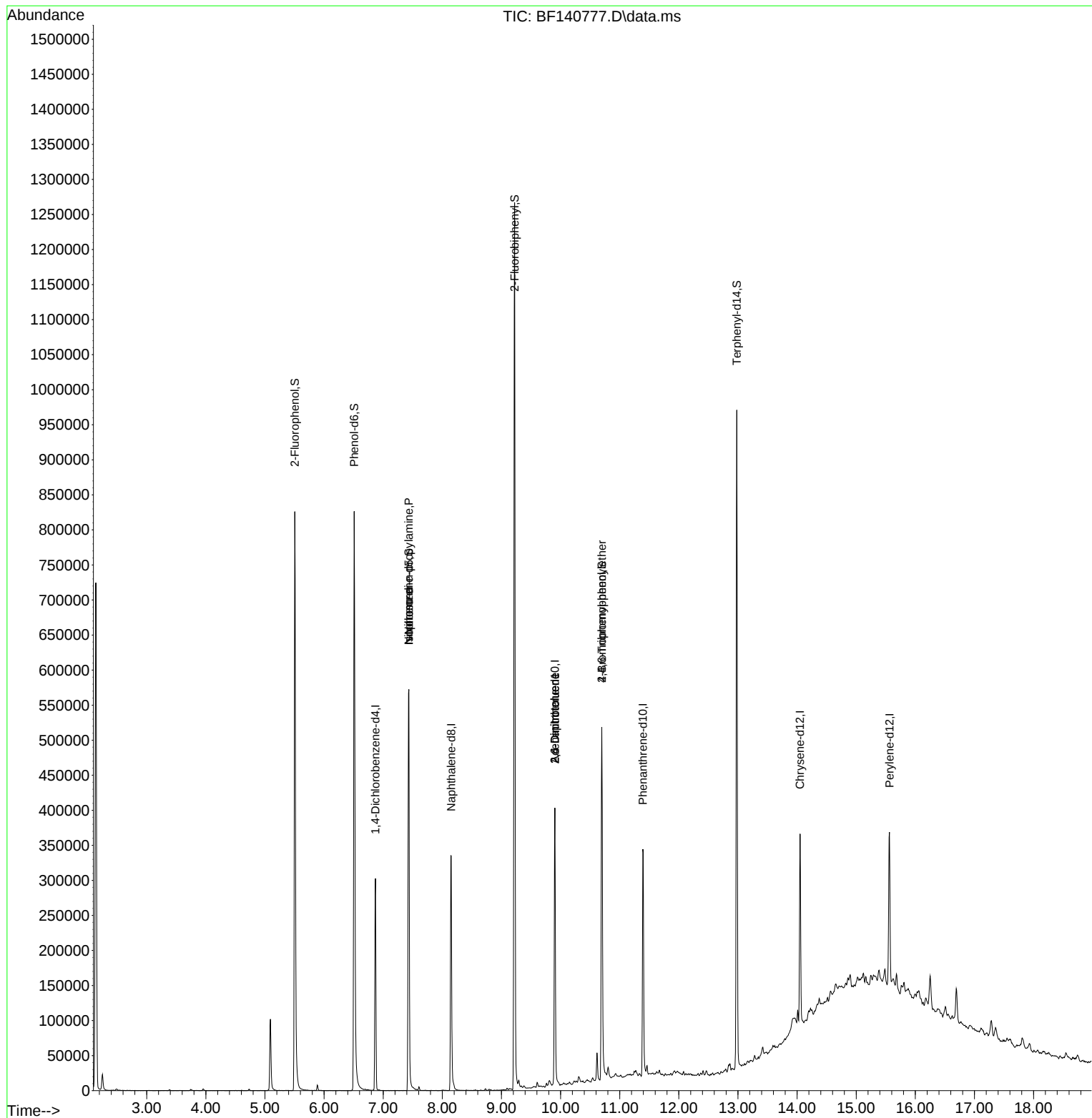
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64927	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	244605	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	124314	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	193576	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	140154	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.434	70	37253	12.530	ng	# 76
25) Isophorone	7.434	82	287334	36.024	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	15910	8.568	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	15910	6.447	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	5816	2.917	ng	# 1

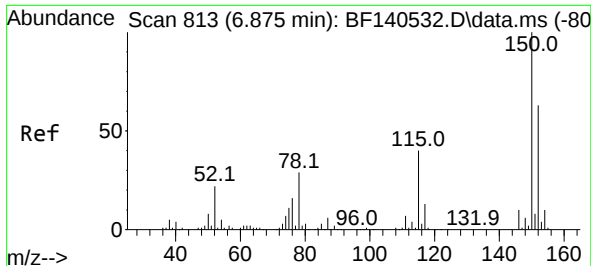
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

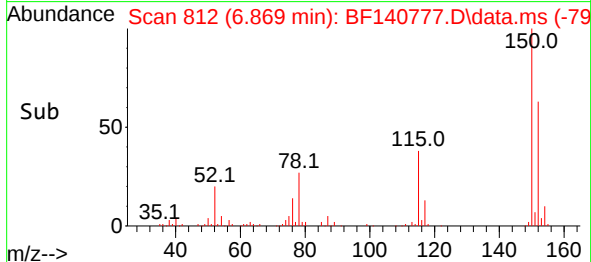
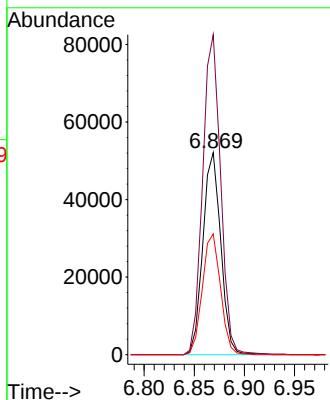
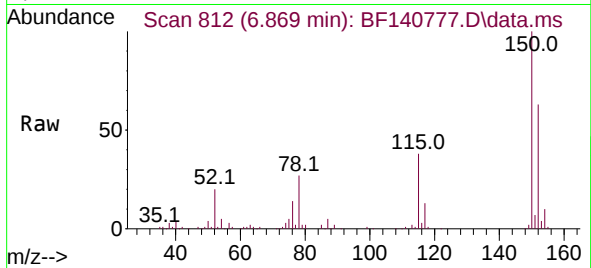




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

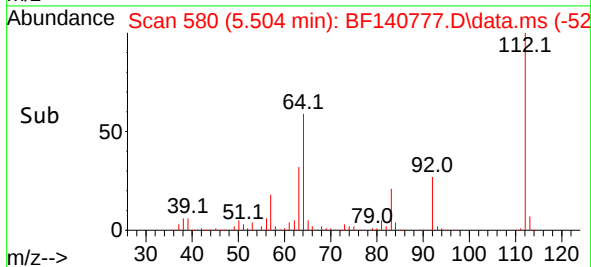
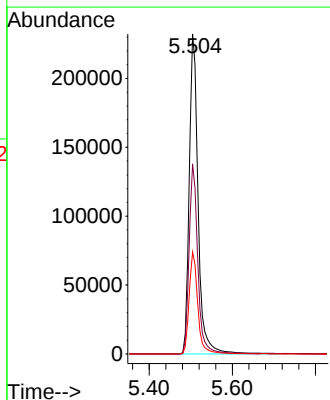
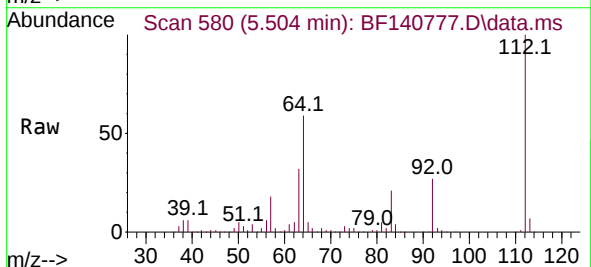
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

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

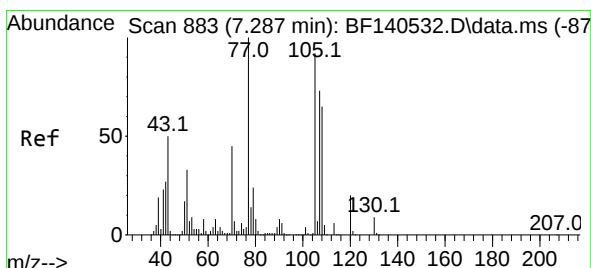
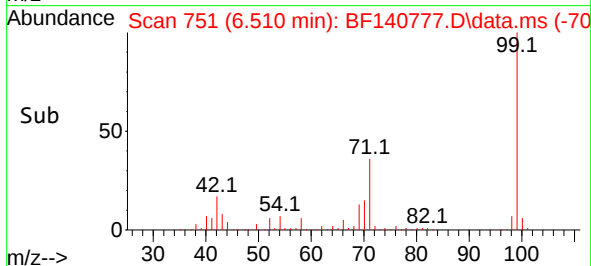
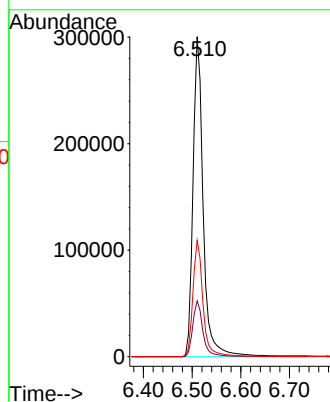
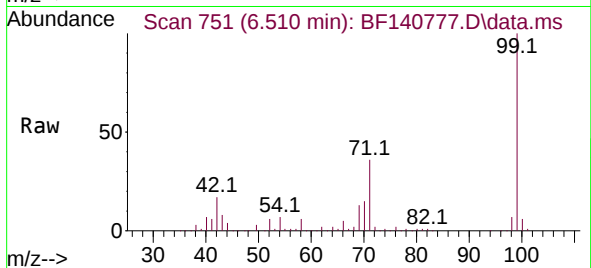




#7
Phenol-d6
Concen: 87.466 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

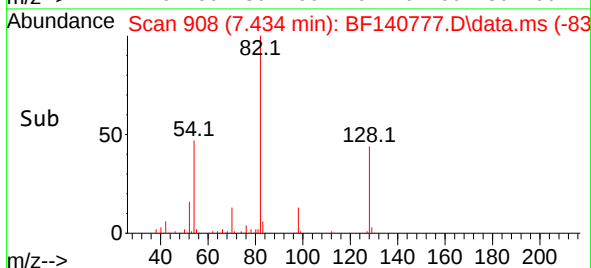
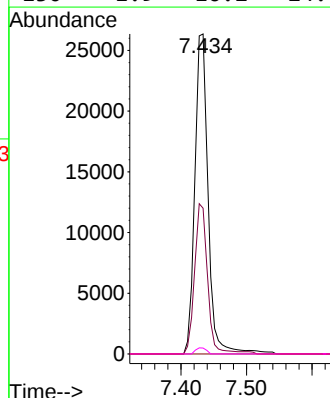
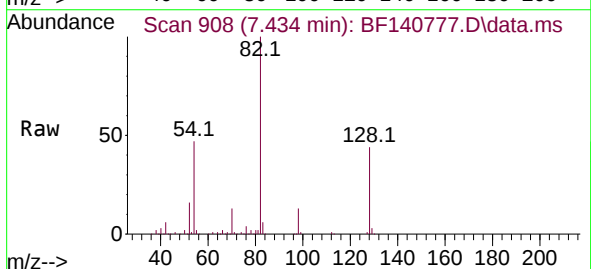
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

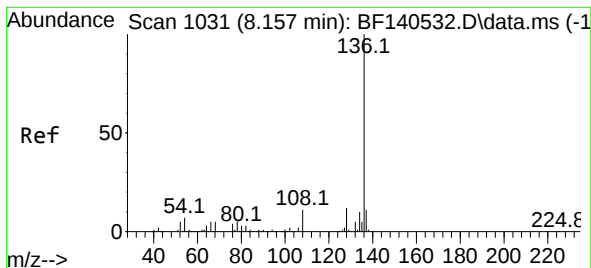
Tgt Ion: 99 Resp: 440018
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.530 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

Tgt Ion: 70 Resp: 37253
Ion Ratio Lower Upper
70 100
42 45.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140777.D

Acq: 06 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ASPHALT-COMP

Tgt Ion:136 Resp: 244605

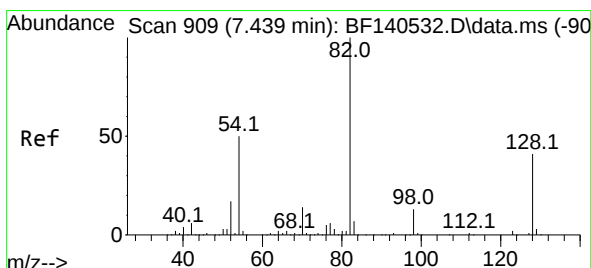
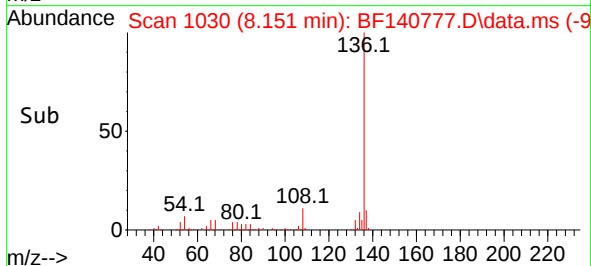
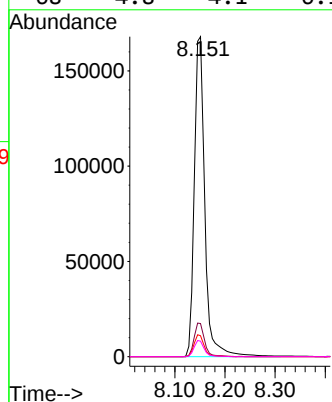
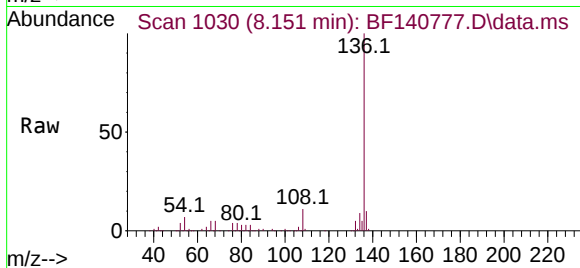
Ion Ratio Lower Upper

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# 908

Delta R.T. -0.006 min

Lab File: BF140777.D

Acq: 06 Dec 2024 19:52

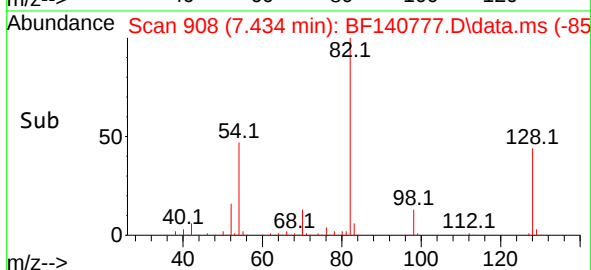
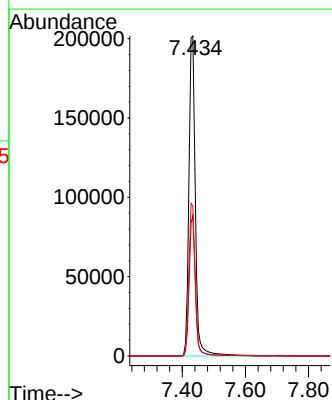
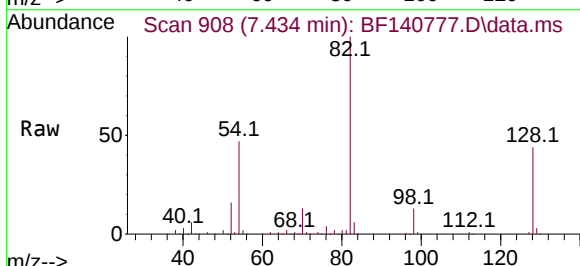
Tgt Ion: 82 Resp: 287457

Ion Ratio Lower Upper

82 100

128 43.9 33.0 49.4

54 46.9 39.5 59.3

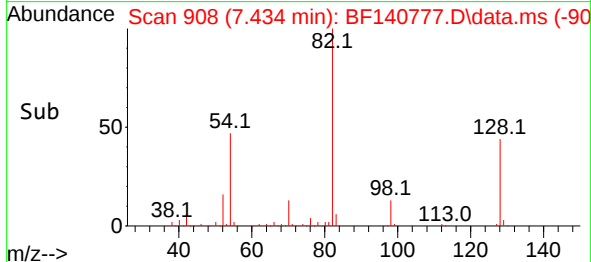
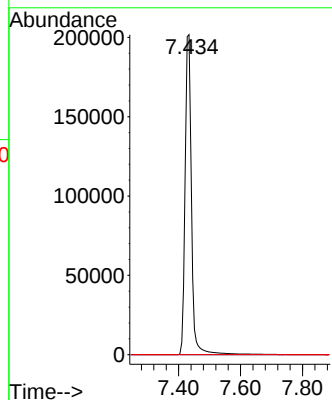
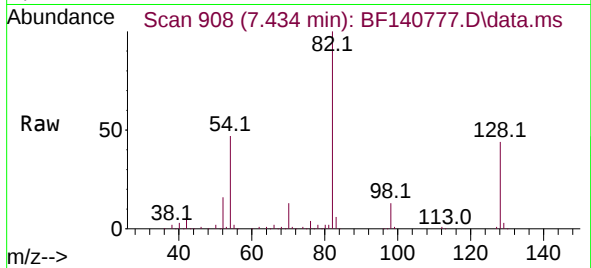




#25
Isophorone
Concen: 36.024 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

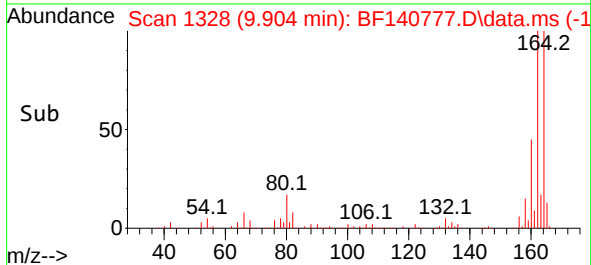
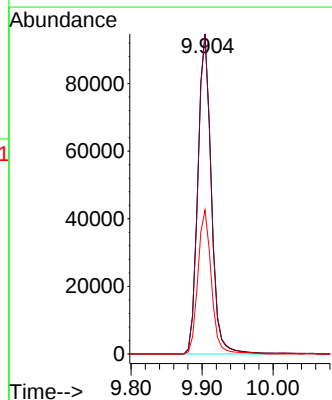
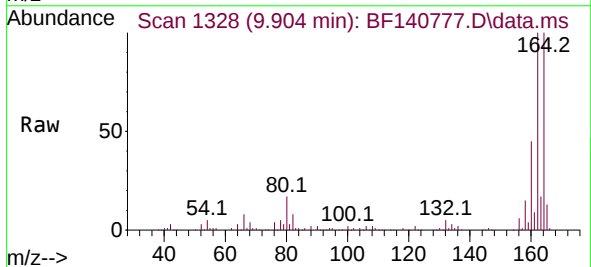
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

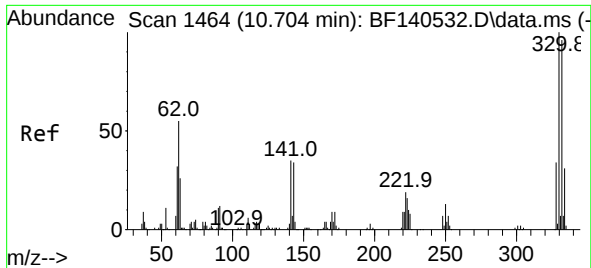
Tgt Ion: 82 Resp: 287334
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#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

Instrument :

BNA_F

ClientSampleId :

ASPHALT-COMP

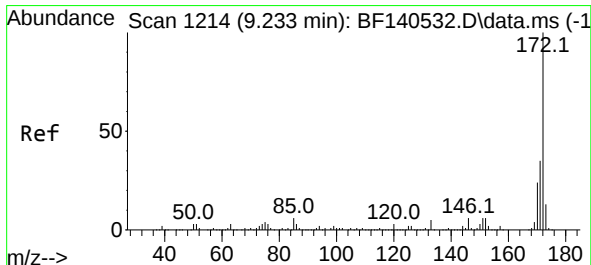
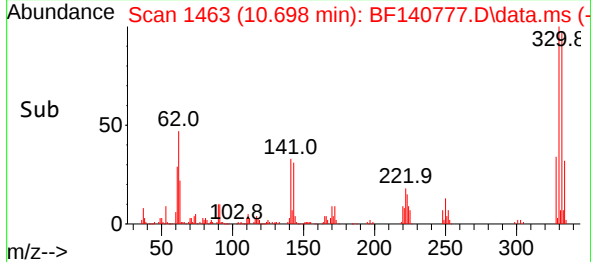
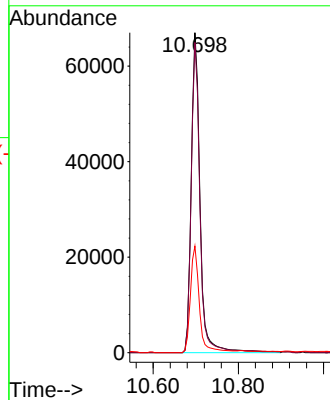
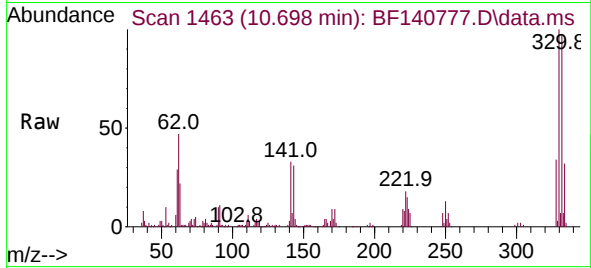
Tgt Ion:330 Resp: 96605

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

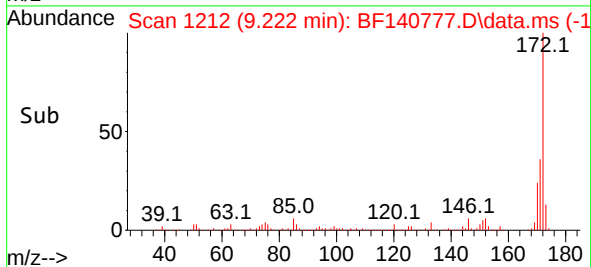
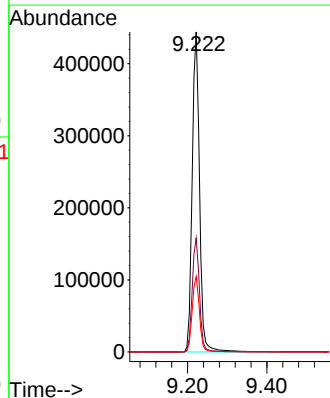
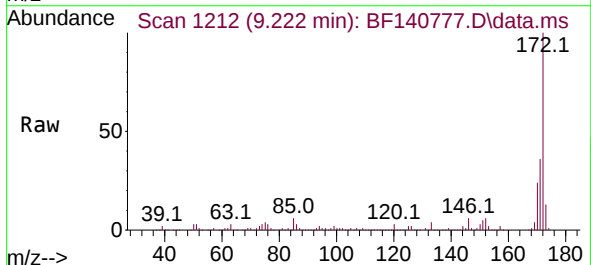
Tgt Ion:172 Resp: 574304

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.0 28.6

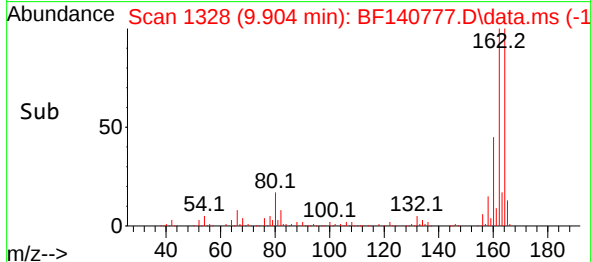
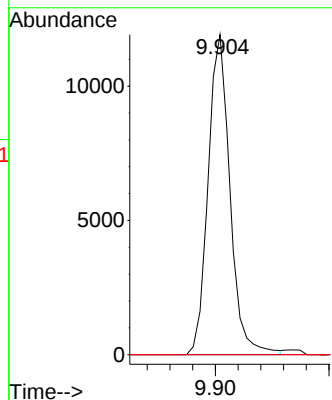
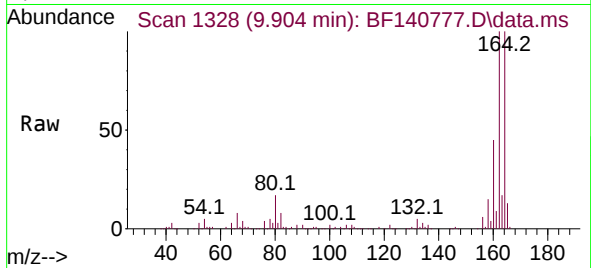




#51
2,6-Dinitrotoluene
Concen: 8.568 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

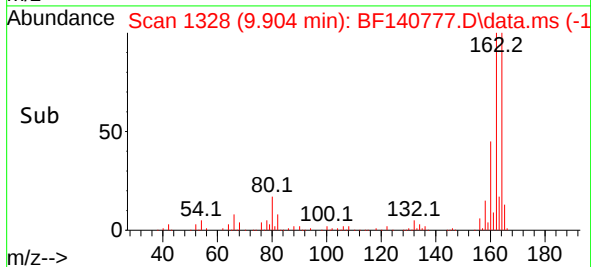
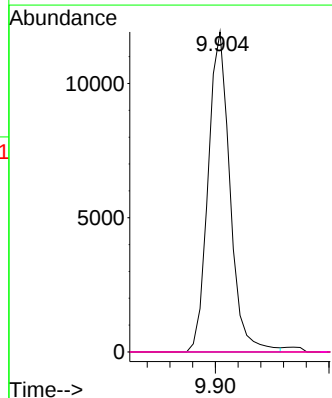
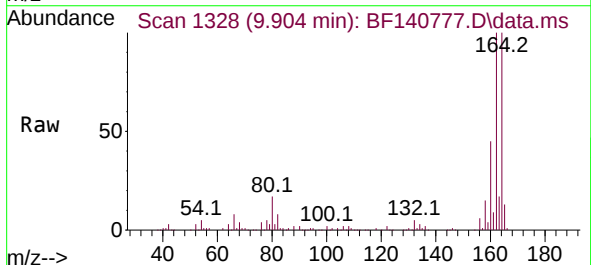
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

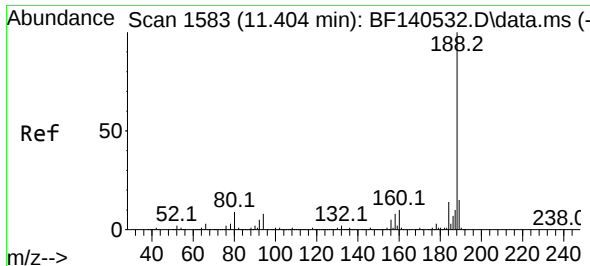
Tgt Ion:165 Resp: 15910
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.447 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

Tgt Ion:165 Resp: 15910
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#

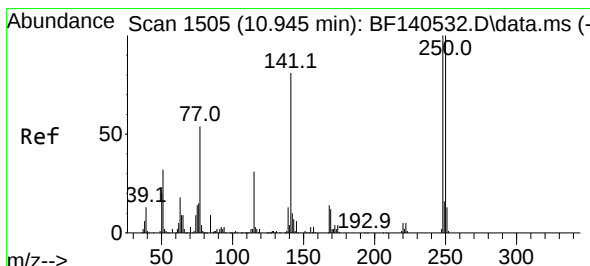
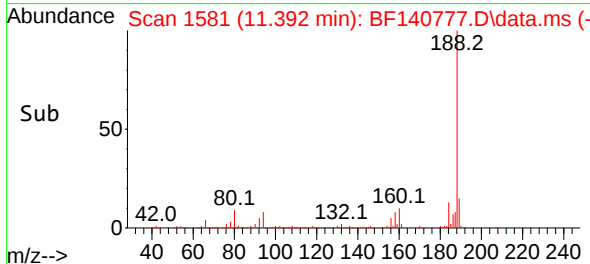
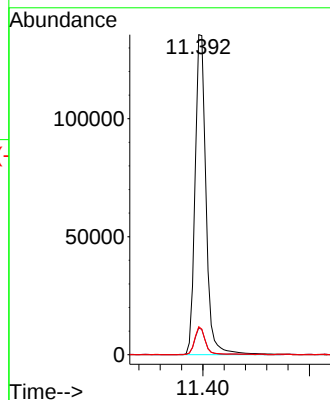
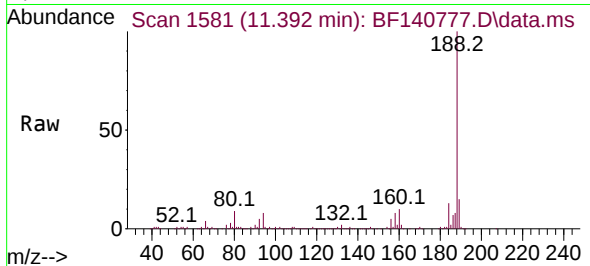




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

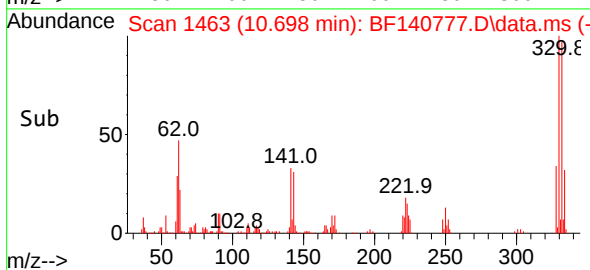
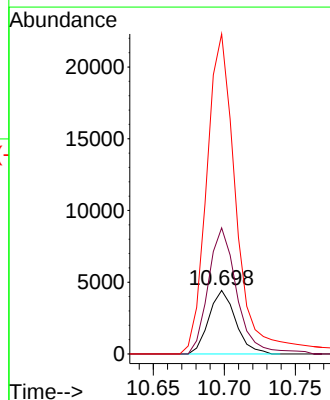
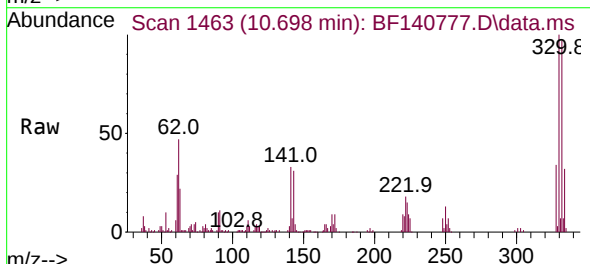
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

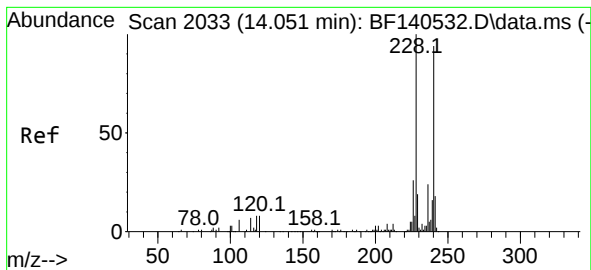
Tgt Ion:188 Resp: 193576
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.8 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 2.917 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140777.D
Acq: 06 Dec 2024 19:52

Tgt Ion:248 Resp: 5816
Ion Ratio Lower Upper
248 100
250 198.4 79.8 119.8#
141 503.4 64.7 97.1#





#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

Instrument :

BNA_F

ClientSampleId :

ASPHALT-COMP

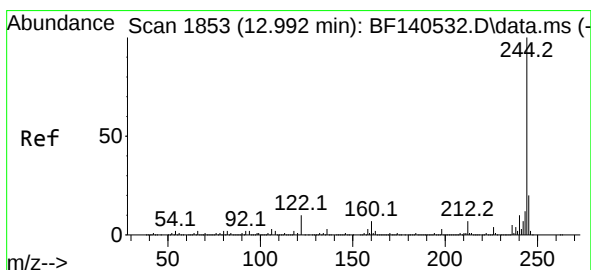
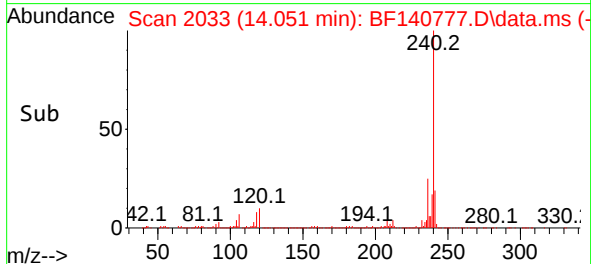
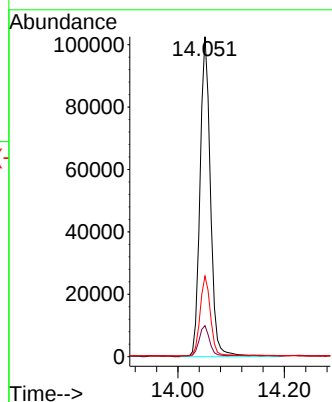
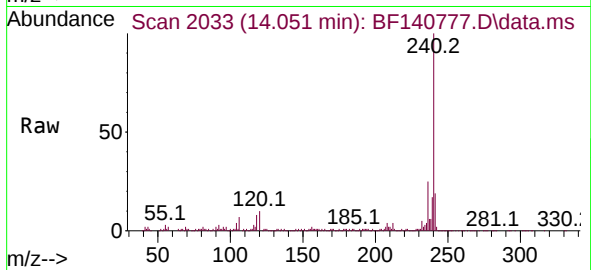
Tgt Ion:240 Resp: 140154

Ion Ratio Lower Upper

240 100

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# 1851

Delta R.T. -0.012 min

Lab File: BF140777.D

Acq: 06 Dec 2024 19:52

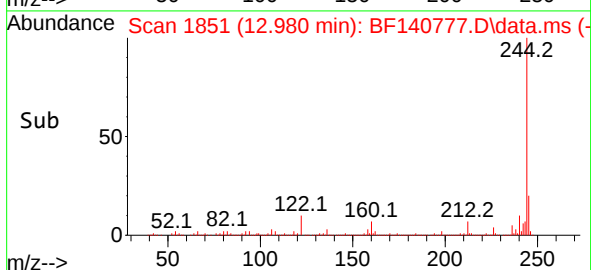
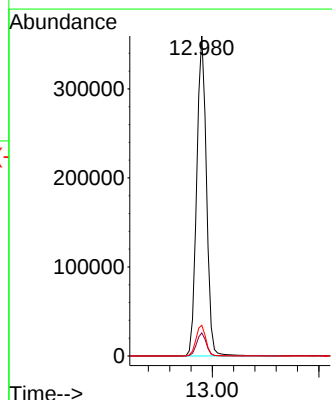
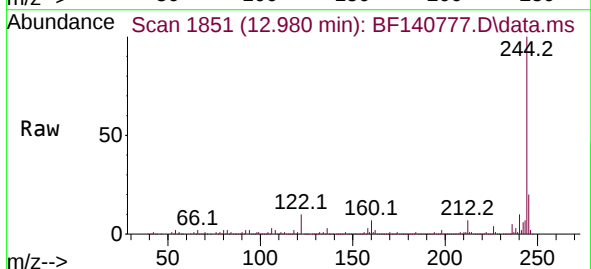
Tgt Ion:244 Resp: 457474

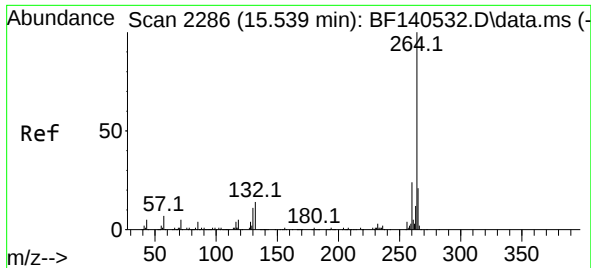
Ion Ratio Lower Upper

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# 21
 Delta R.T. 0.024 min
 Lab File: BF140777.D
 Acq: 06 Dec 2024 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-COMP

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

