

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140757.D
 Acq On : 05 Dec 2024 19:03
 Operator : RC/JU
 Sample : P5108-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-COMP

Quant Time: Dec 06 00:07:15 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)

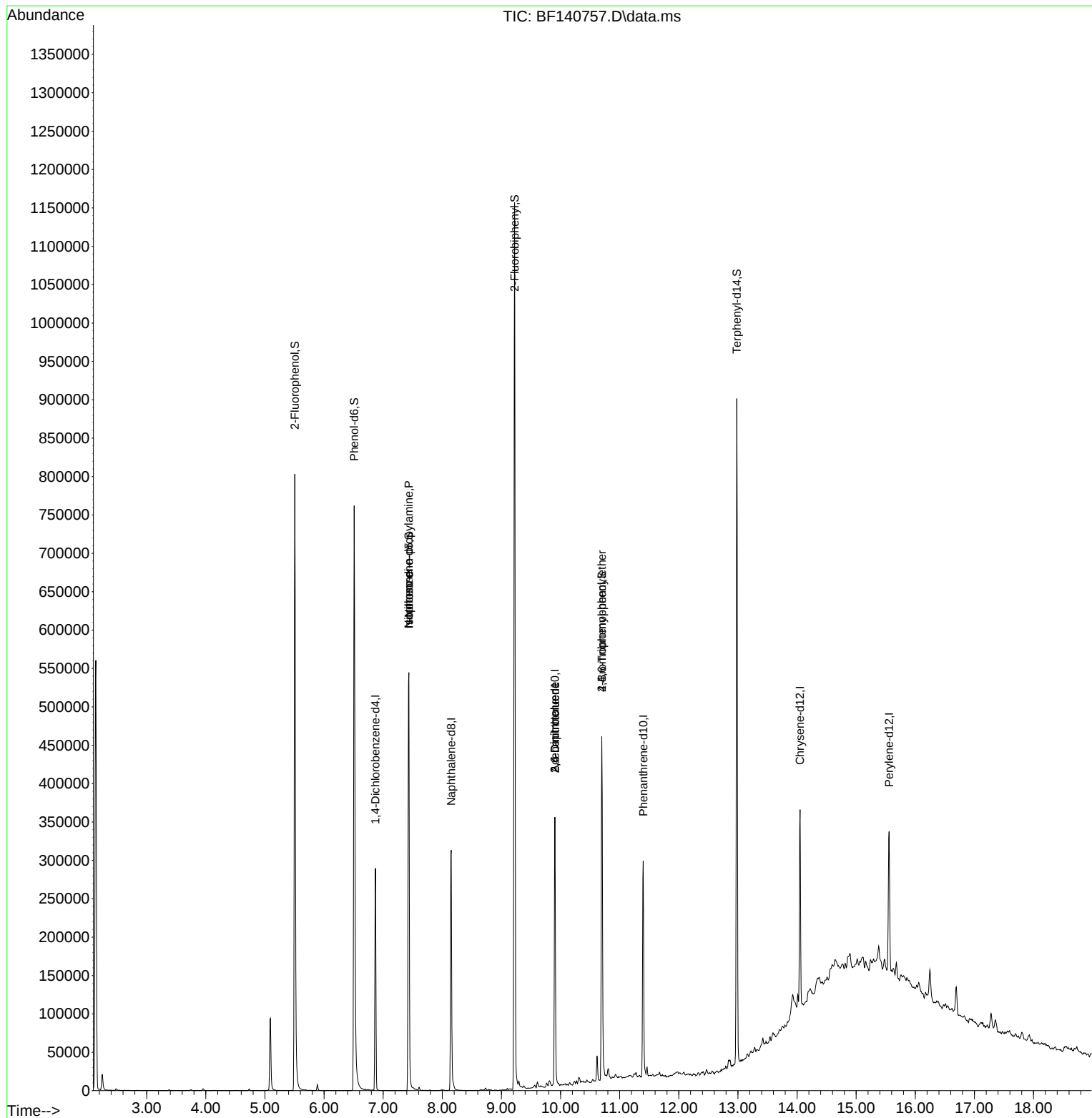
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61474	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	222929	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	107023	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	162893	20.000	ng	0.00
76) Chrysene-d12	14.051	240	131245	20.000	ng	0.00
86) Perylene-d12	15.557	264	111068	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	323763	89.860	ng	0.00
7) Phenol-d6	6.510	99	411219	86.333	ng	0.00
23) Nitrobenzene-d5	7.434	82	267293	61.329	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	83444	72.901	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	519333	72.300	ng	-0.01
79) Terphenyl-d14	12.980	244	424698	50.387	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	35614	12.651	ng	# 73
25) Isophorone	7.434	82	261810	36.016	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	13738	8.594	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	13738	6.466	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	5384	3.209	ng	# 1

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

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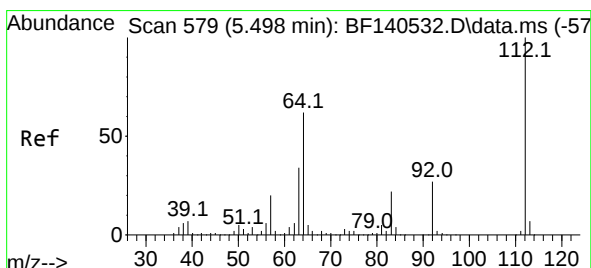
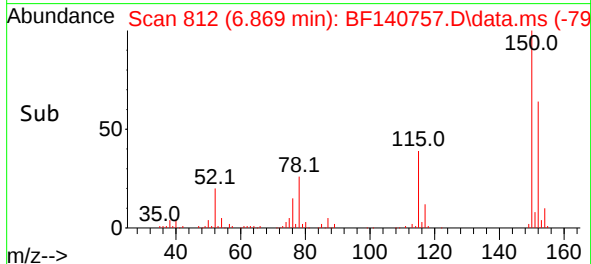
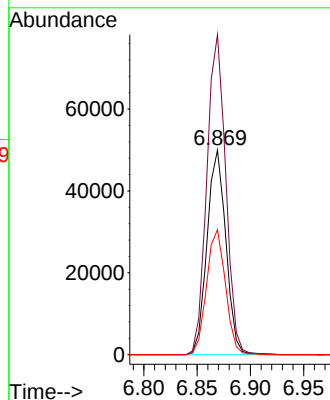
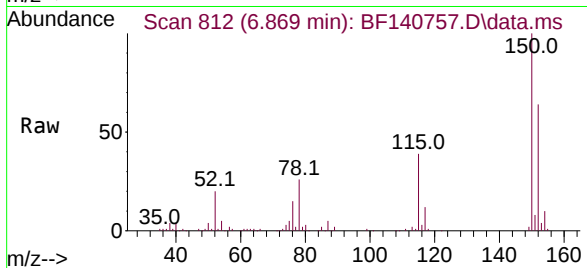




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

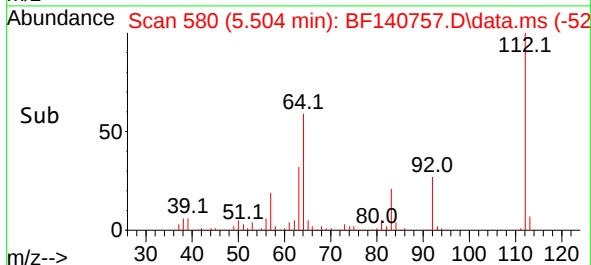
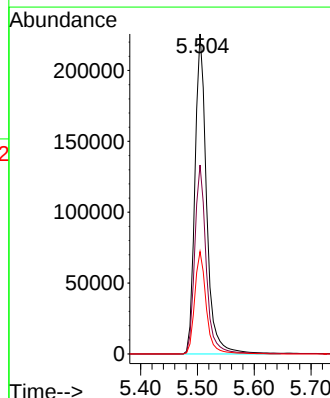
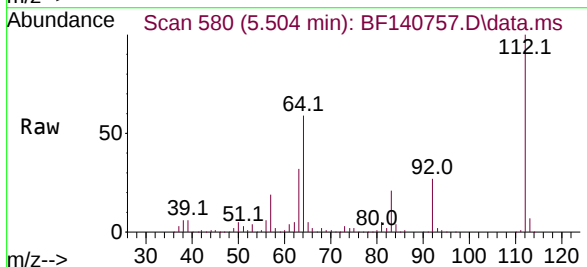
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

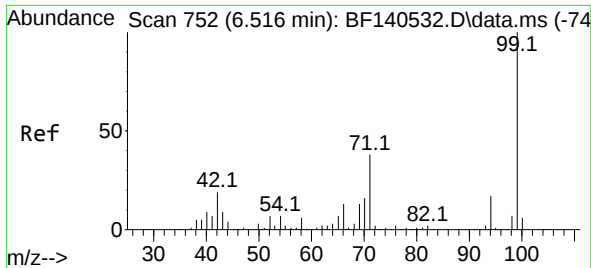
Tgt Ion:152 Resp: 61474
Ion Ratio Lower Upper
152 100
150 156.4 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 89.860 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

Tgt Ion:112 Resp: 323763
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 32.0 27.0 40.4

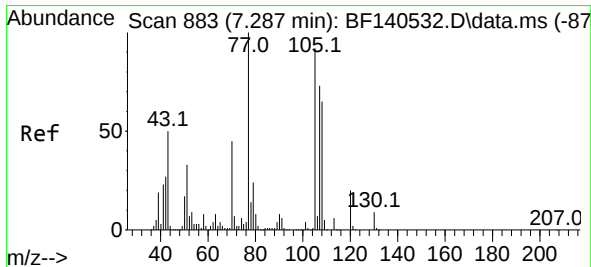
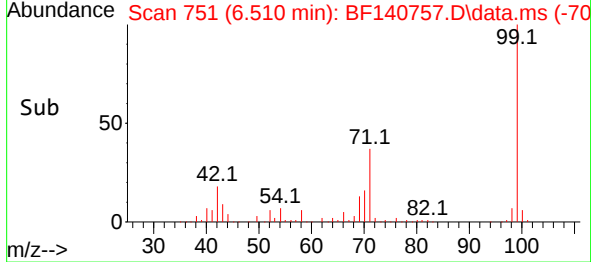
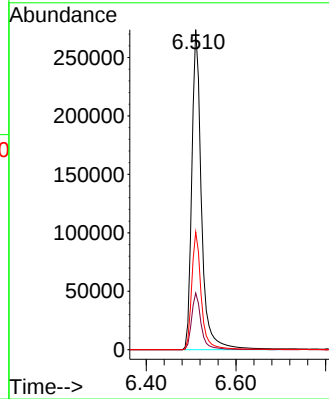
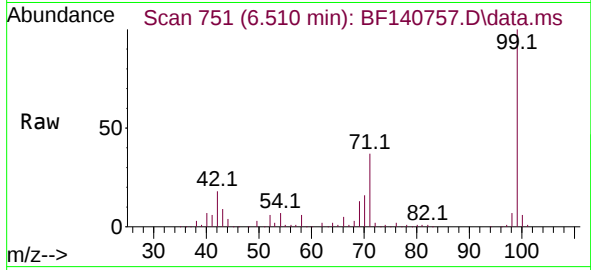




#7
Phenol-d6
Concen: 86.333 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

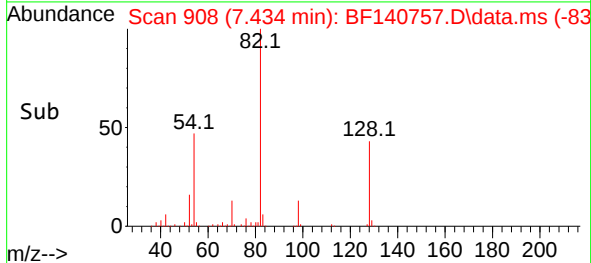
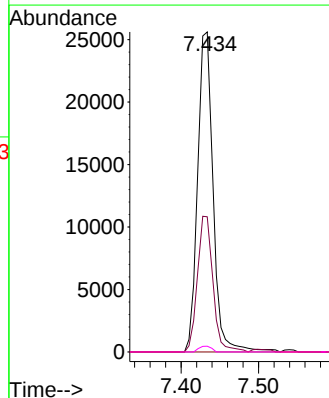
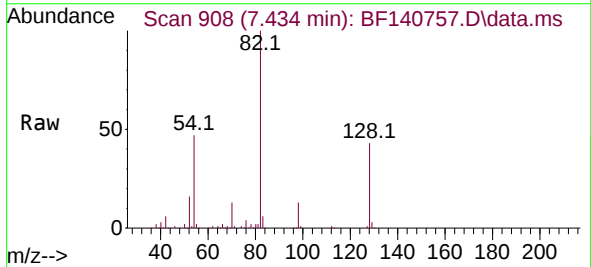
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

Tgt Ion: 99 Resp: 411219
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.651 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

Tgt Ion: 70 Resp: 35614
Ion Ratio Lower Upper
70 100
42 42.3 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#



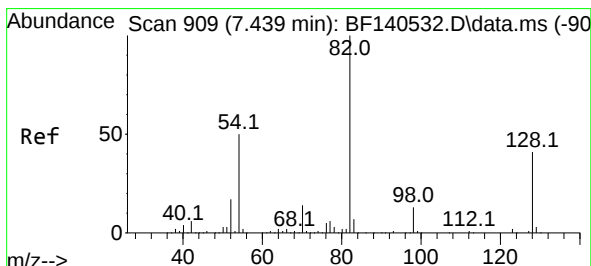
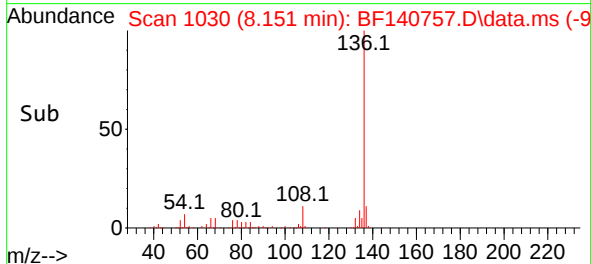
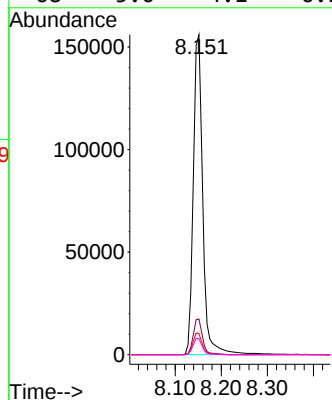
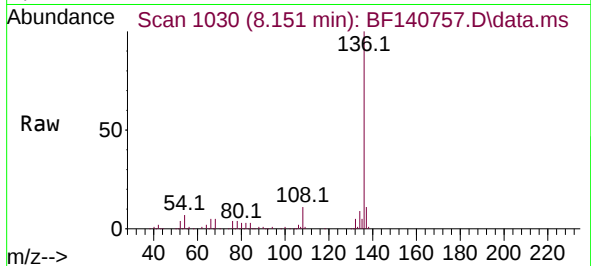


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

Tgt Ion:136 Resp: 222929

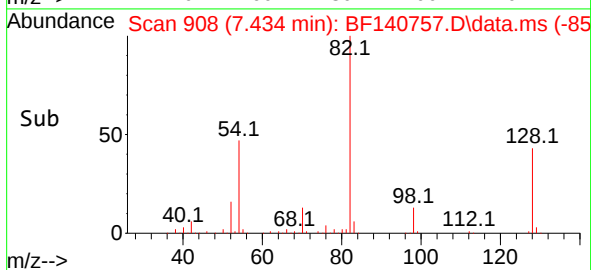
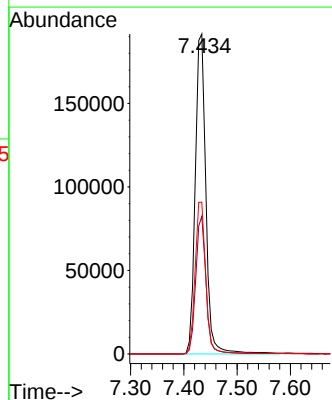
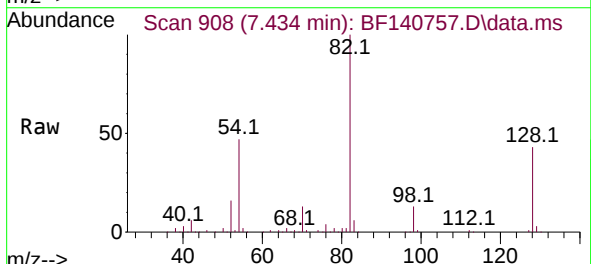
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.6	5.8	8.8
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 61.329 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

Tgt Ion: 82 Resp: 267293

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	47.4	39.5	59.3

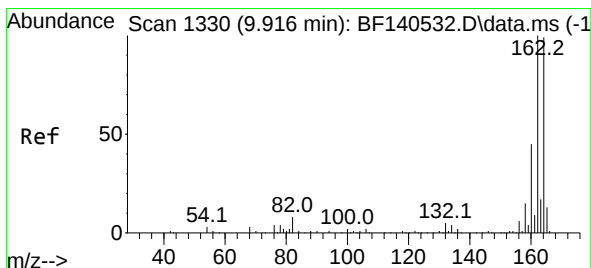
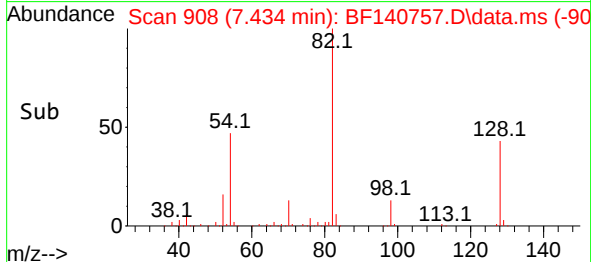
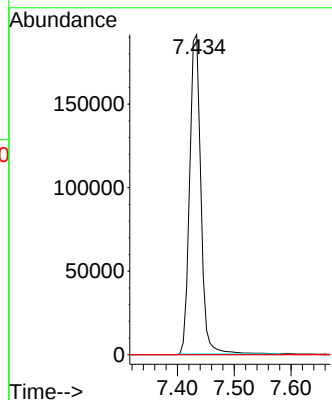
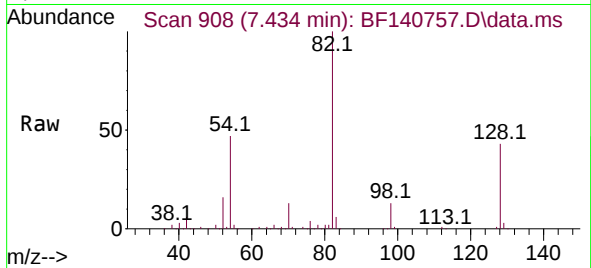




#25
Isophorone
Concen: 36.016 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

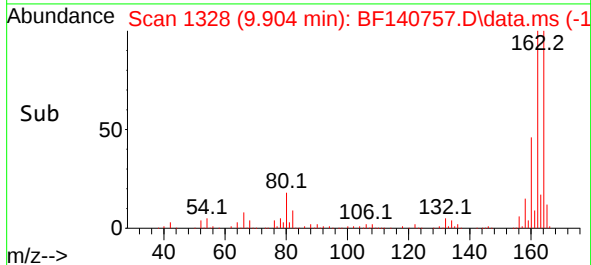
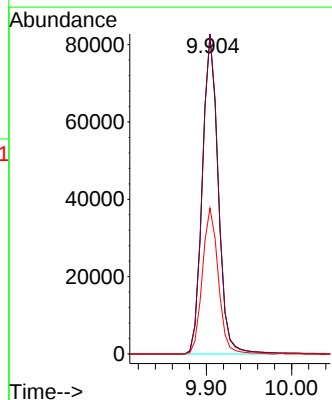
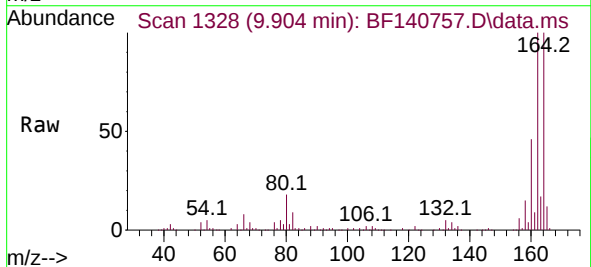
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

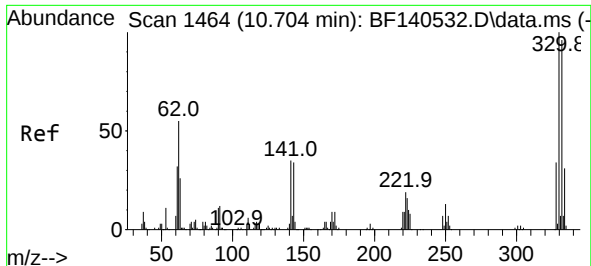
Tgt Ion: 82 Resp: 261810
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

Tgt Ion:164 Resp: 107023
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 45.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 72.901 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140757.D

Acq: 05 Dec 2024 19:03

Instrument :

BNA_F

ClientSampleId :

ASPHALT-COMP

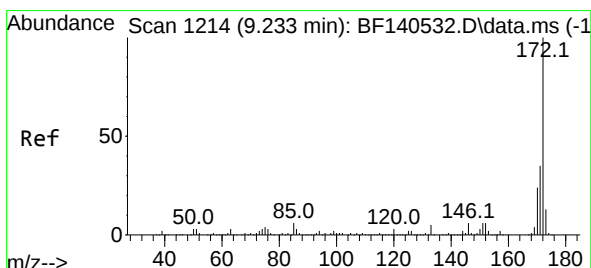
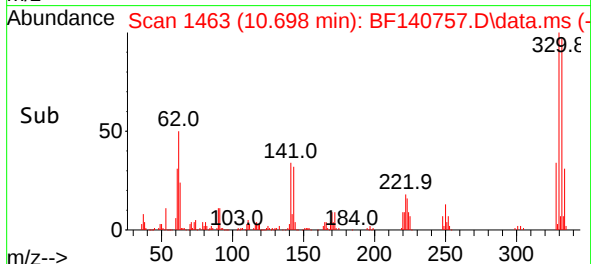
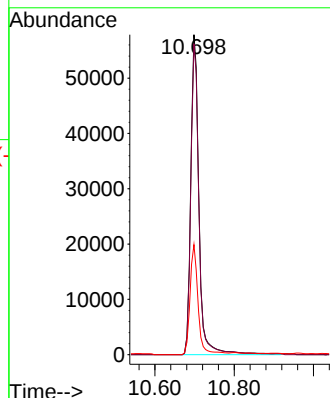
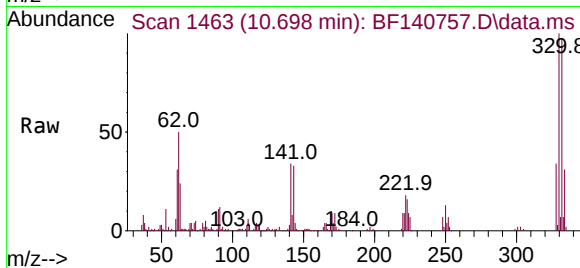
Tgt Ion:330 Resp: 83444

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 33.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 72.300 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140757.D

Acq: 05 Dec 2024 19:03

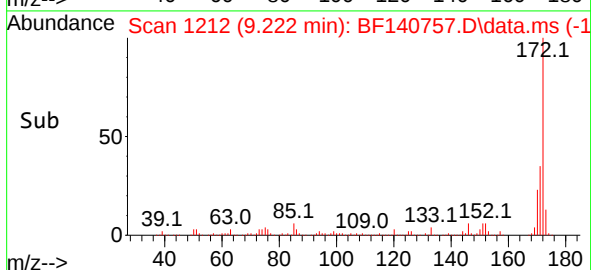
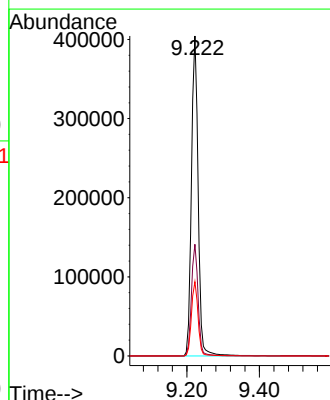
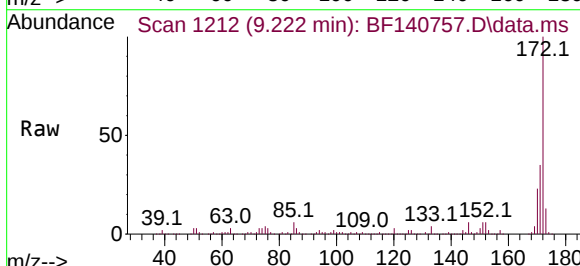
Tgt Ion:172 Resp: 519333

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.2 19.0 28.6

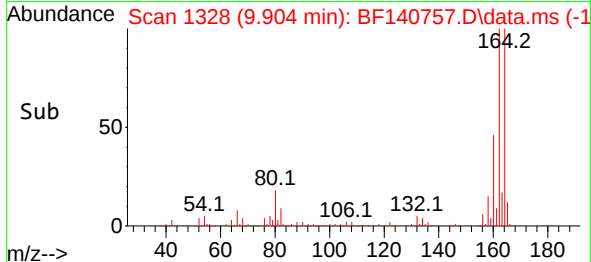
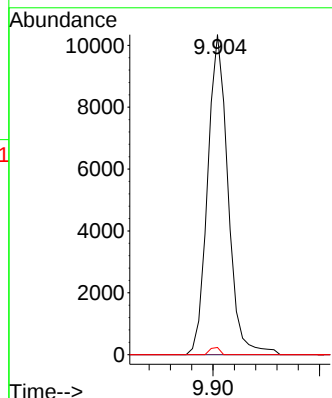
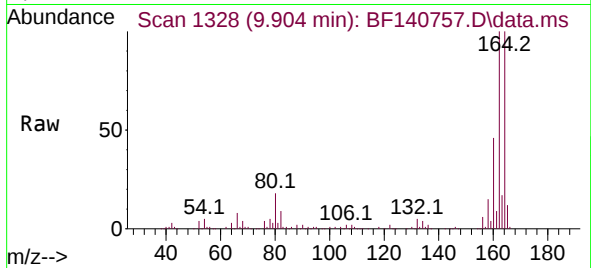




#51
2,6-Dinitrotoluene
Concen: 8.594 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

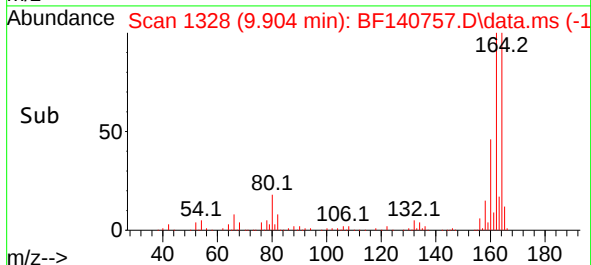
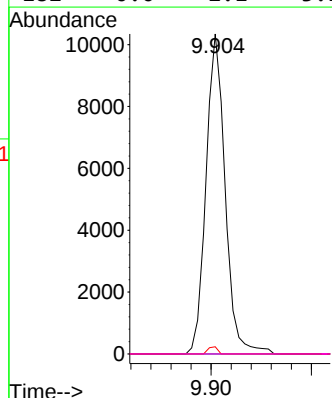
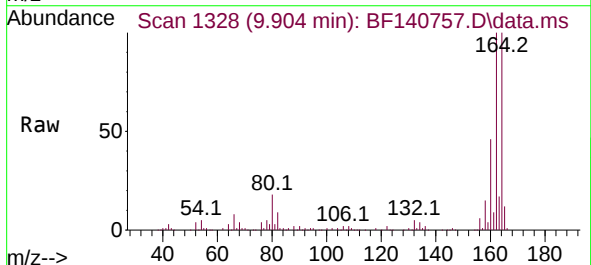
Instrument :
BNA_F
ClientSampleId :
ASPHALT-COMP

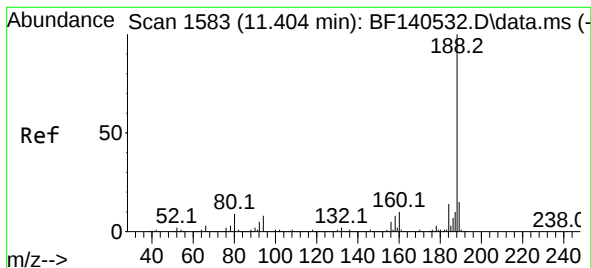
Tgt Ion:165 Resp: 13738
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 2.3 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140757.D
Acq: 05 Dec 2024 19:03

Tgt Ion:165 Resp: 13738
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 2.3 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140757.D

Acq: 05 Dec 2024 19:03

Instrument :

BNA_F

ClientSampleId :

ASPHALT-COMP

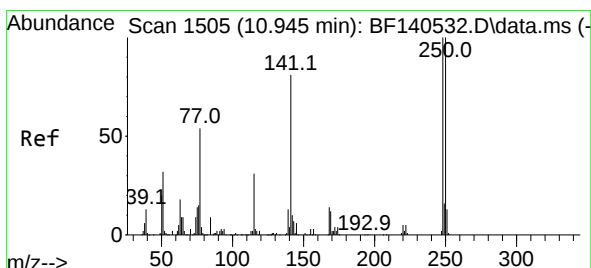
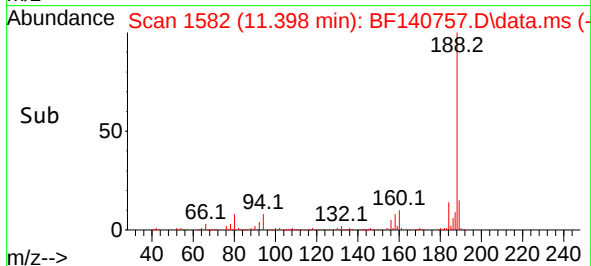
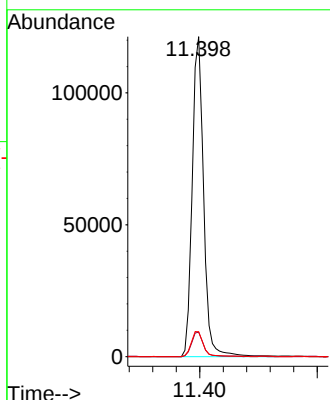
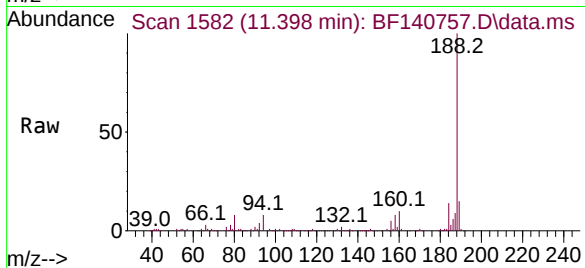
Tgt Ion:188 Resp: 162893

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 7.8 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 3.209 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140757.D

Acq: 05 Dec 2024 19:03

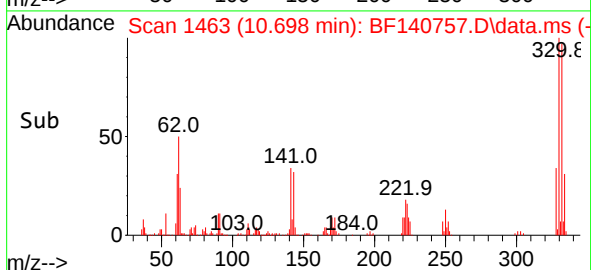
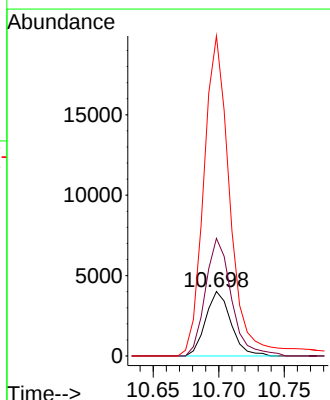
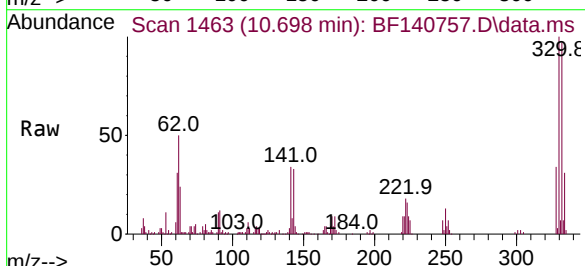
Tgt Ion:248 Resp: 5384

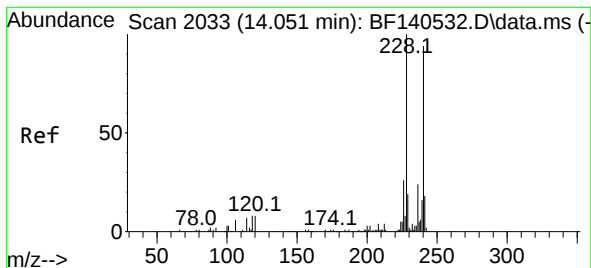
Ion Ratio Lower Upper

248 100

250 182.4 79.8 119.8#

141 496.6 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: BF140757.D

Acq: 05 Dec 2024 19:03

Instrument :

BNA_F

ClientSampleId :

ASPHALT-COMP

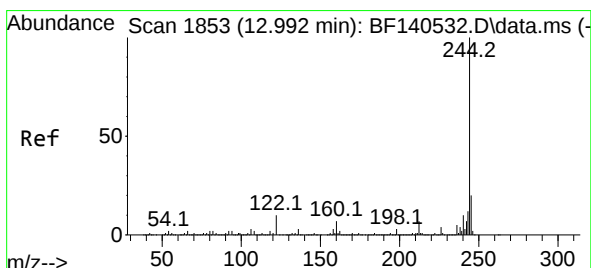
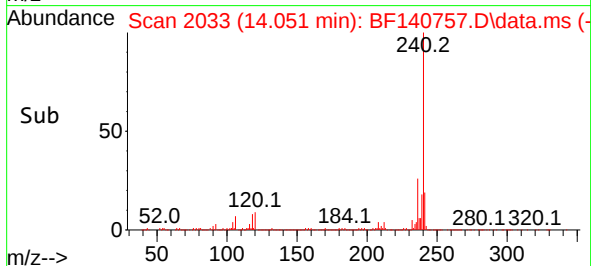
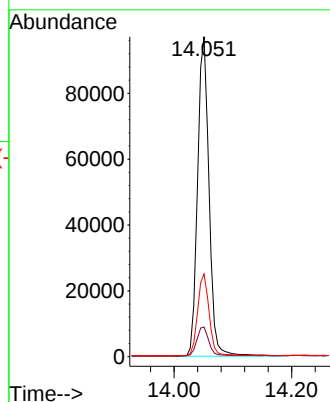
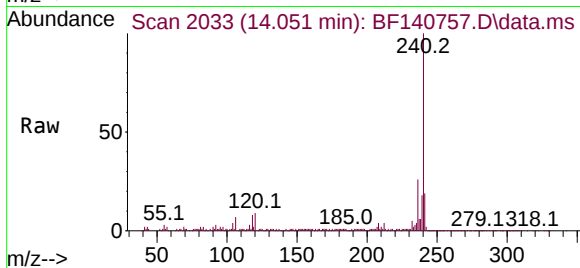
Tgt Ion:240 Resp: 131245

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 50.387 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140757.D

Acq: 05 Dec 2024 19:03

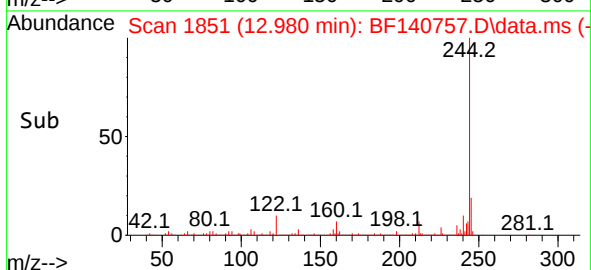
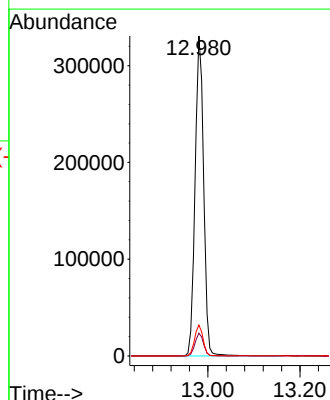
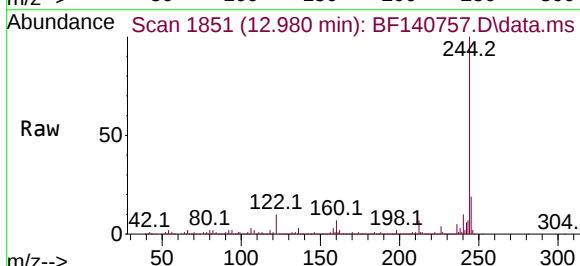
Tgt Ion:244 Resp: 424698

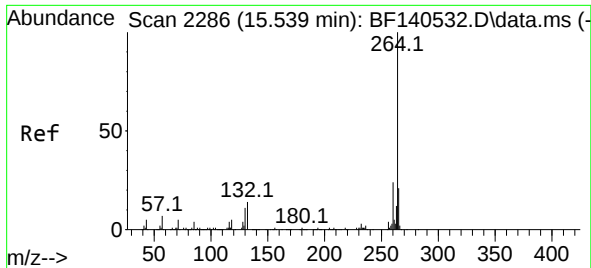
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.6 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140757.D
 Acq: 05 Dec 2024 19:03

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-COMP

Tgt Ion:264 Resp: 111068
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.6 16.6 25.0

