

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141929.D
 Acq On : 11 Mar 2025 21:42
 Operator : RC/JU
 Sample : Q1494-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-SOIL

Quant Time: Mar 12 01:18:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

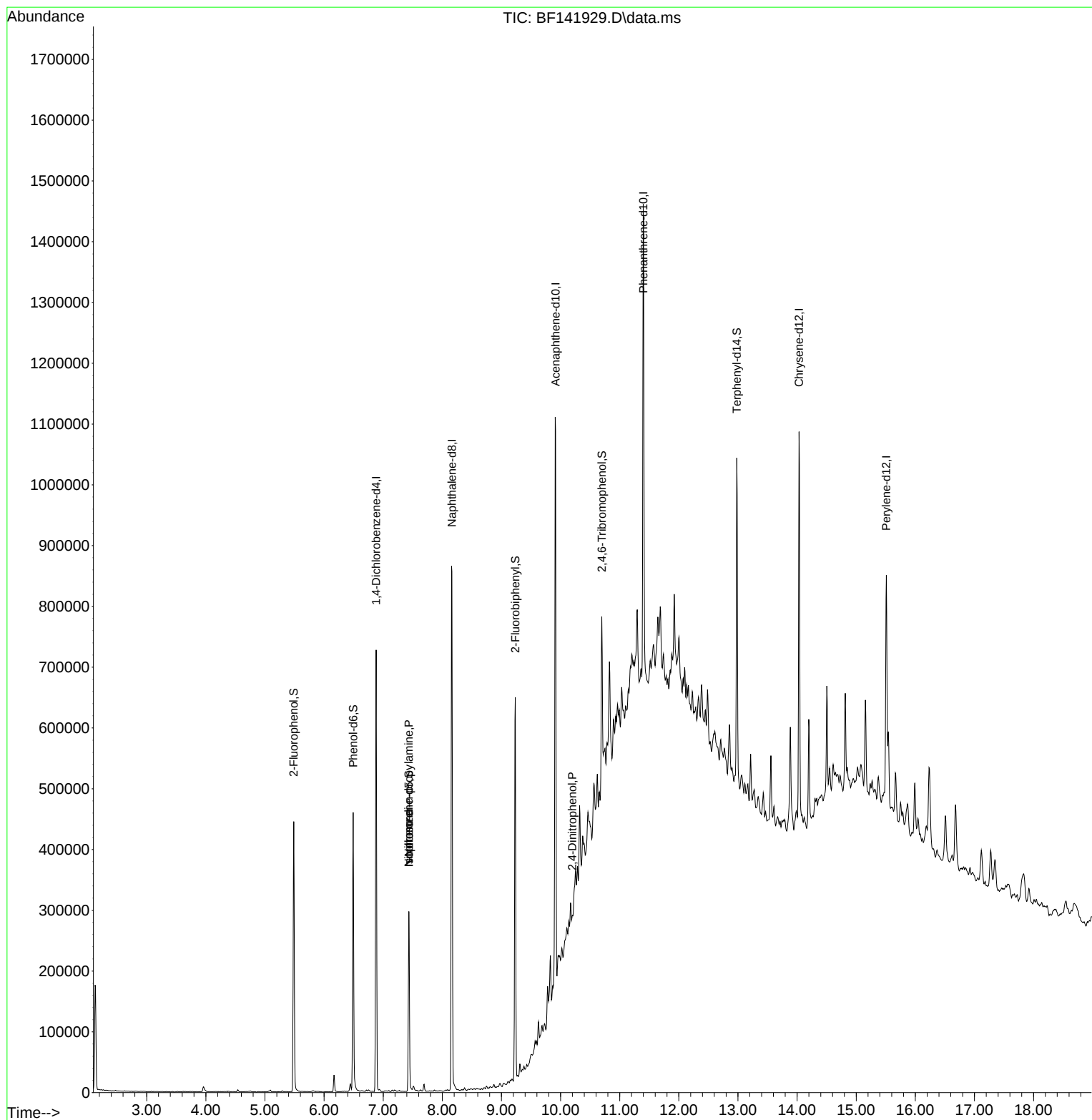
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	150347	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	562811	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	277406	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	401465	20.000	ng	0.00
76) Chrysene-d12	14.033	240	312614	20.000	ng	0.00
86) Perylene-d12	15.510	264	225271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	168643	18.721	ng	0.00
7) Phenol-d6	6.492	99	212142	18.496	ng	-0.01
23) Nitrobenzene-d5	7.434	82	132285	13.227	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	49037	13.934	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	276421	15.154	ng	0.00
79) Terphenyl-d14	12.980	244	255682	12.092	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	17997	2.442	ng	# 80
25) Isophorone	7.434	82	126677	7.166	ng	# 64
54) 2,4-Dinitrophenol	10.198	184	259	6.677	ng	# 79

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141929.D
Acq On : 11 Mar 2025 21:42
Operator : RC/JU
Sample : Q1494-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ASPHALT-SOIL

Quant Time: Mar 12 01:18:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

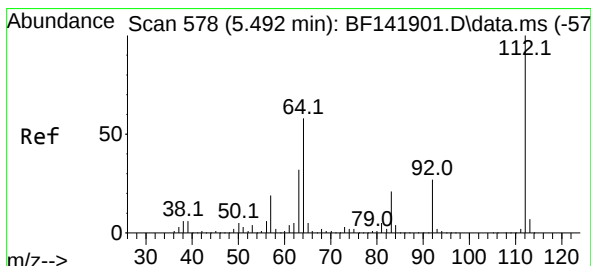
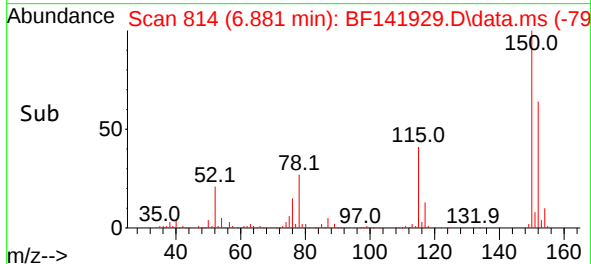
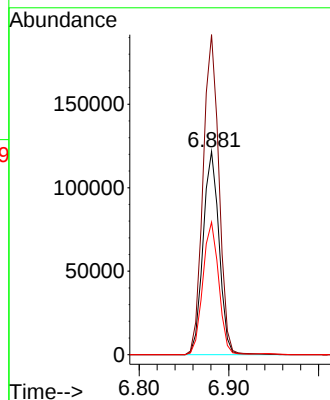
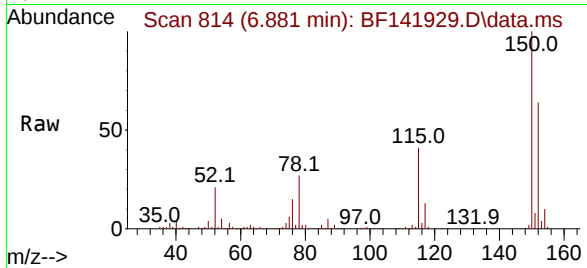




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141929.D
 Acq: 11 Mar 2025 21:42

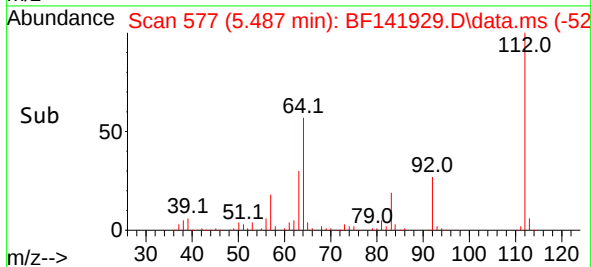
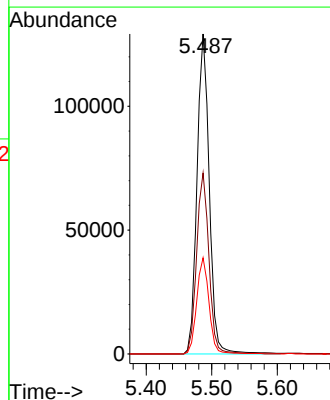
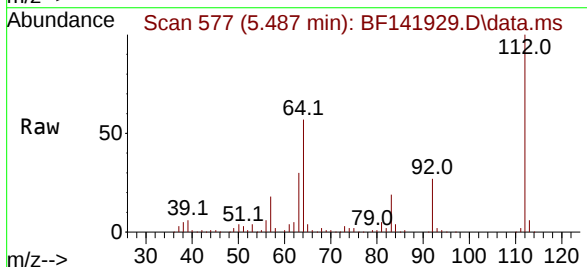
Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-SOIL

Tgt Ion:152 Resp: 150347
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.4 191.2
 115 65.2 51.9 77.9



#5
 2-Fluorophenol
 Concen: 18.721 ng
 RT: 5.487 min Scan# 577
 Delta R.T. -0.006 min
 Lab File: BF141929.D
 Acq: 11 Mar 2025 21:42

Tgt Ion:112 Resp: 168643
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.5 69.7
 63 30.0 25.4 38.2

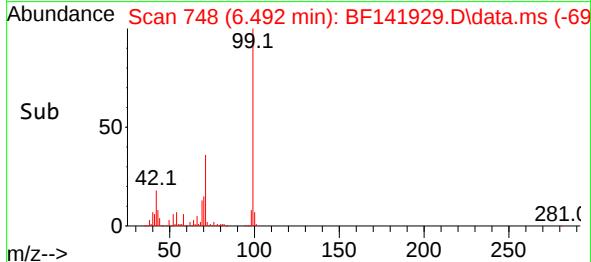
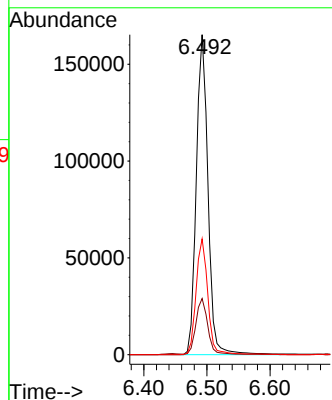
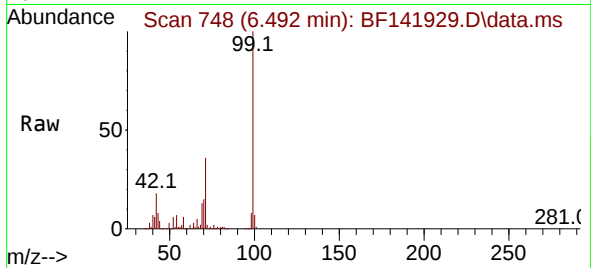




#7
Phenol-d6
Concen: 18.496 ng
RT: 6.492 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

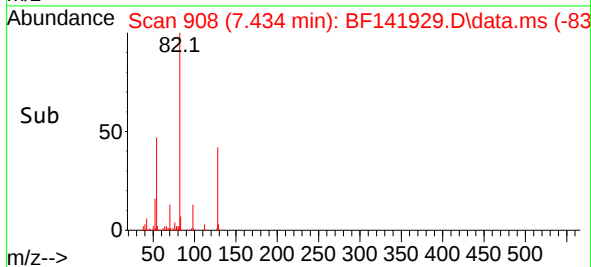
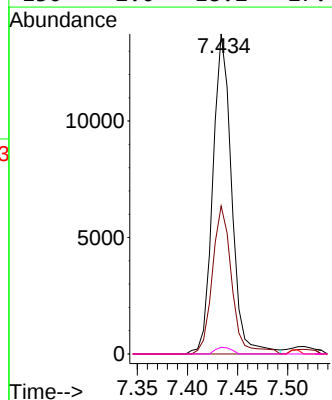
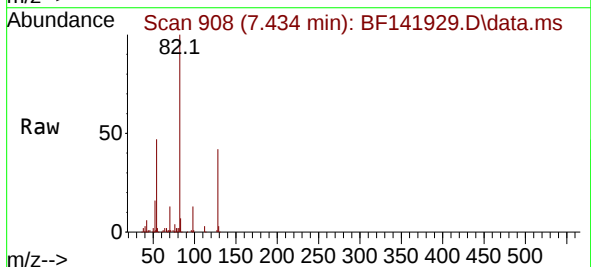
Instrument :
BNA_F
ClientSampleId :
ASPHALT-SOIL

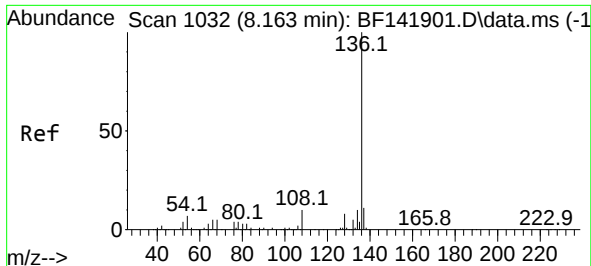
Tgt Ion: 99 Resp: 212142
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 36.2 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.442 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

Tgt Ion: 70 Resp: 17997
Ion Ratio Lower Upper
70 100
42 46.2 41.4 62.0
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



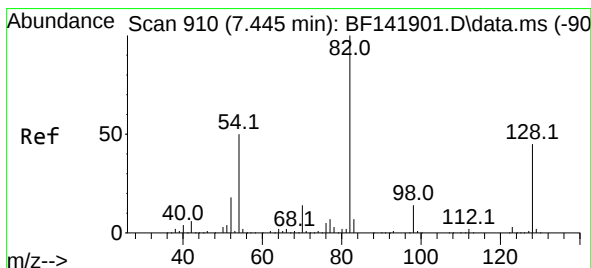
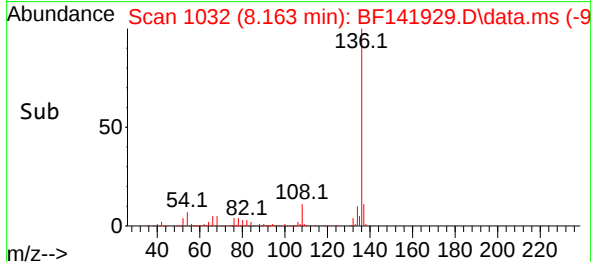
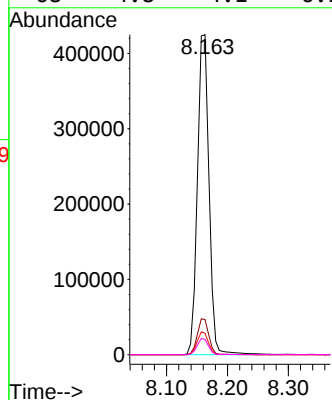
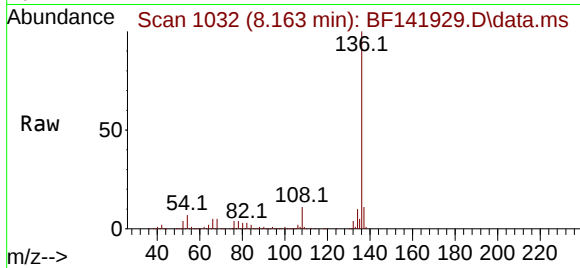


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

Instrument :
BNA_F
ClientSampleId :
ASPHALT-SOIL

Tgt Ion:136 Resp: 562811

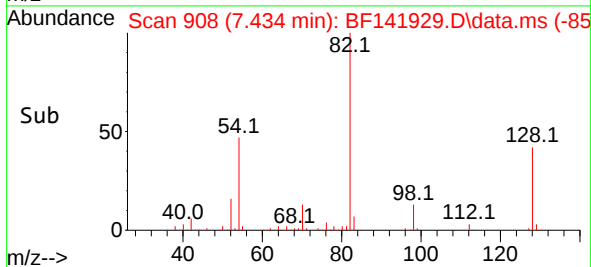
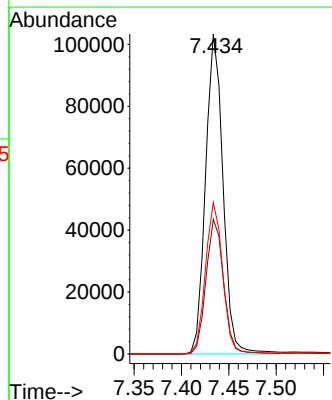
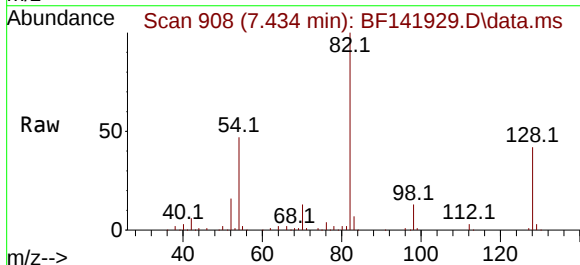
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.8	8.8
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 13.227 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

Tgt Ion: 82 Resp: 132285

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.0	54.0
54	47.3	39.6	59.4

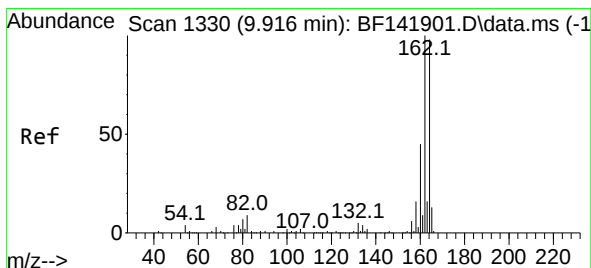
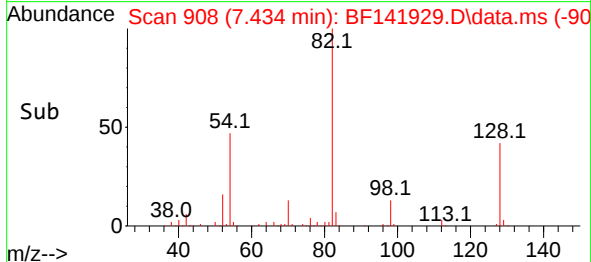
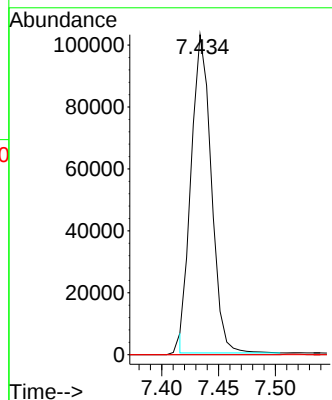
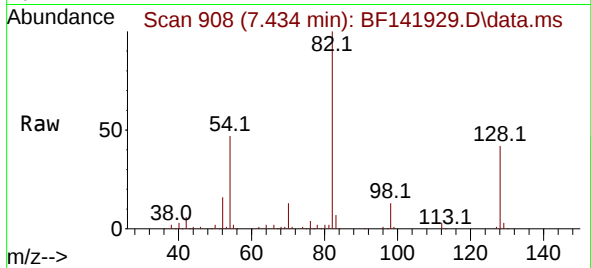




#25
Isophorone
Concen: 7.166 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

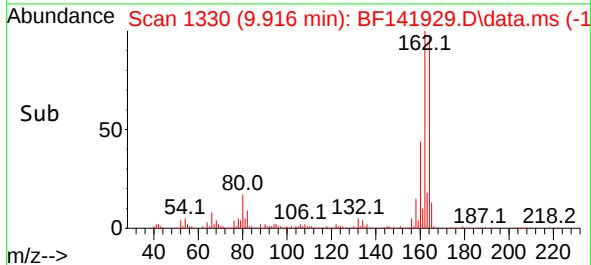
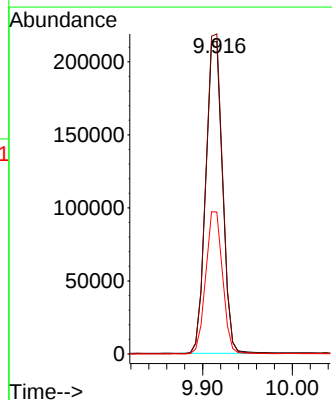
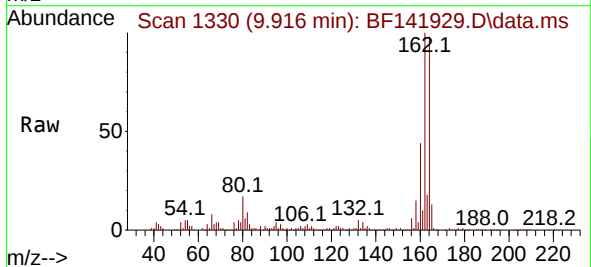
Instrument :
BNA_F
ClientSampleId :
ASPHALT-SOIL

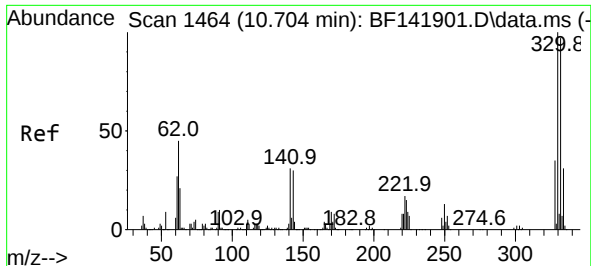
Tgt Ion: 82 Resp: 126677
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

Tgt Ion: 164 Resp: 277406
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 13.934 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

Instrument :

BNA_F

ClientSampleId :

ASPHALT-SOIL

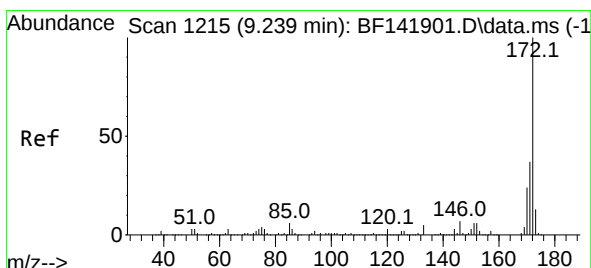
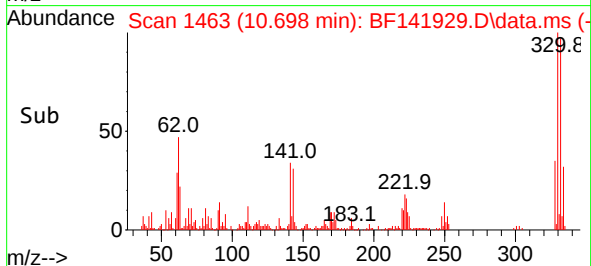
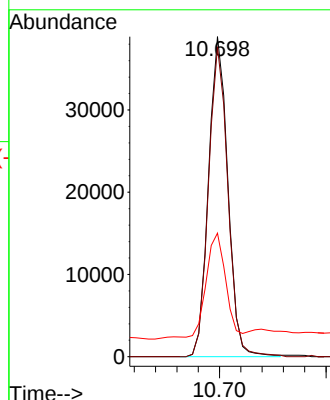
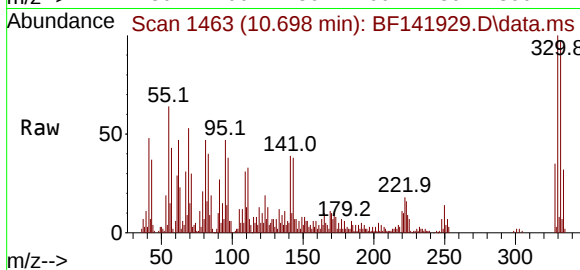
Tgt Ion:330 Resp: 49037

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

141 34.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 15.154 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

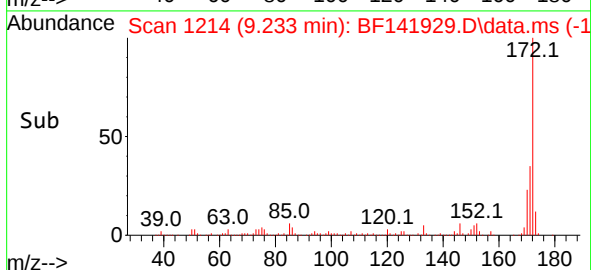
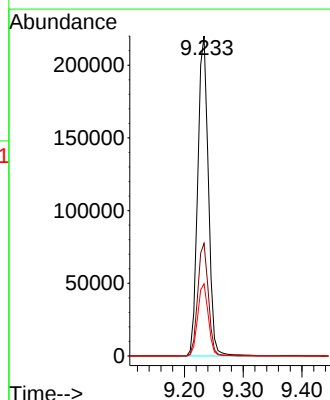
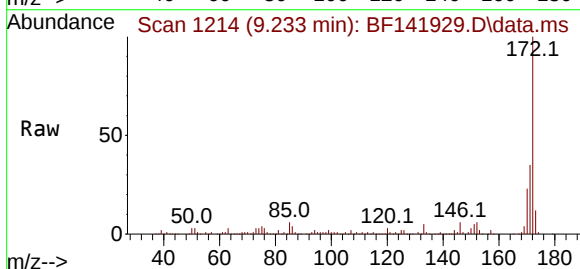
Tgt Ion:172 Resp: 276421

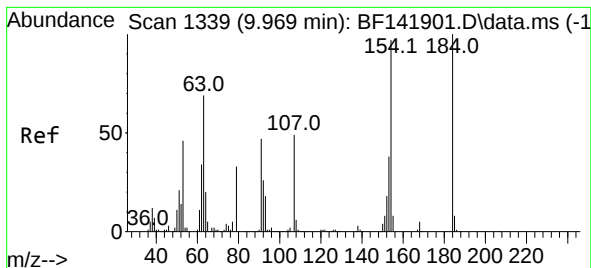
Ion Ratio Lower Upper

172 100

171 35.2 29.3 43.9

170 22.6 19.4 29.0





#54

2,4-Dinitrophenol

Concen: 6.677 ng

RT: 10.198 min Scan# 11

Delta R.T. 0.229 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

Instrument :

BNA_F

ClientSampleId :

ASPHALT-SOIL

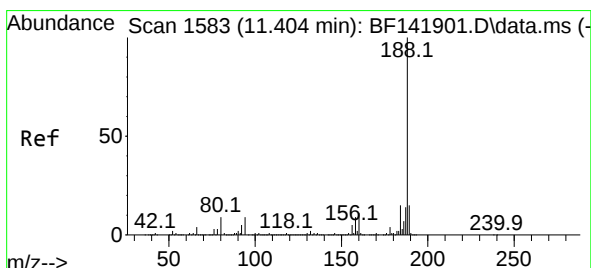
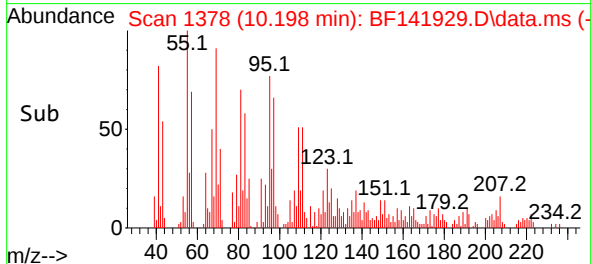
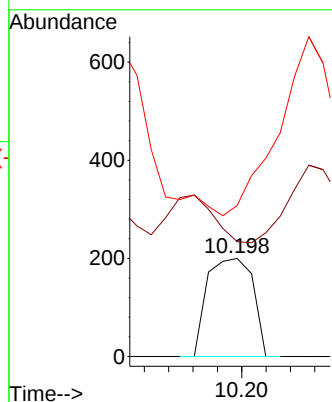
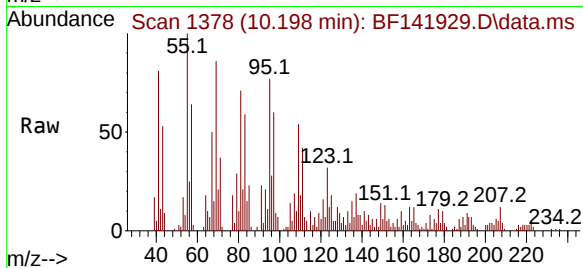
Tgt Ion:184 Resp: 259

Ion Ratio Lower Upper

184 100

63 117.0 60.2 90.4#

154 154.0 132.9 199.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

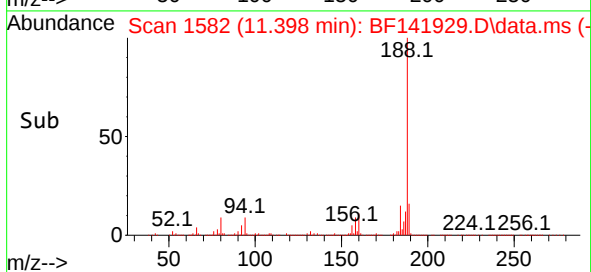
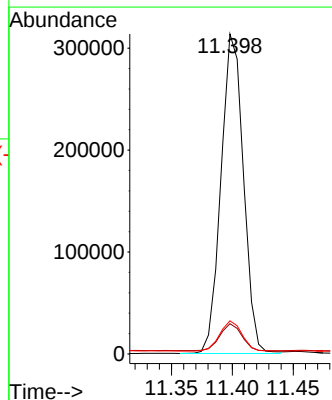
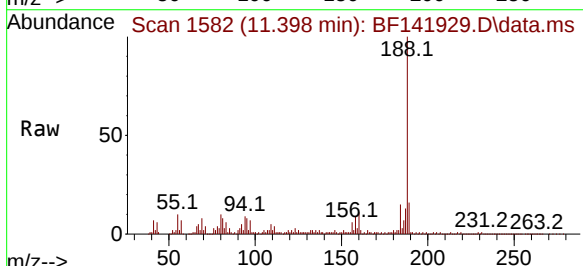
Tgt Ion:188 Resp: 401465

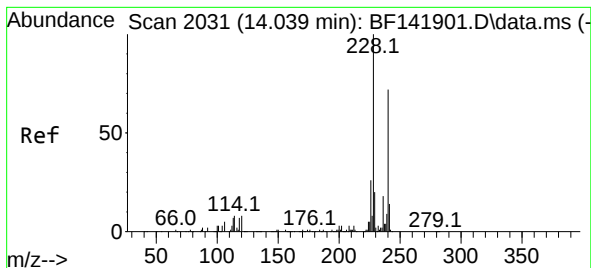
Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

80 10.3 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

Instrument :

BNA_F

ClientSampleId :

ASPHALT-SOIL

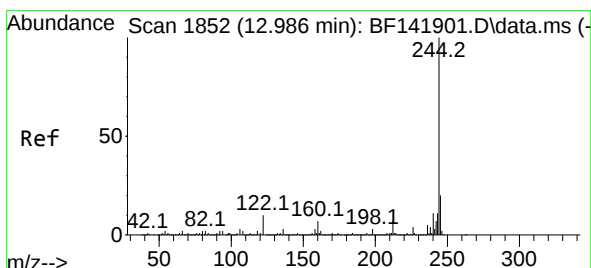
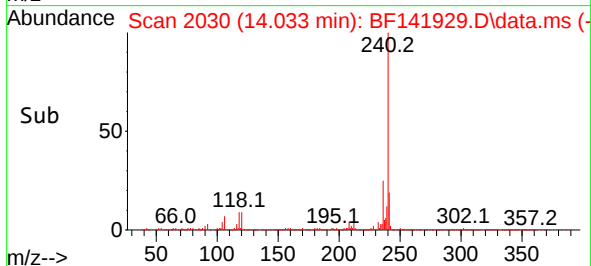
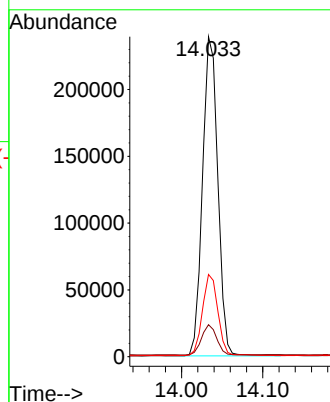
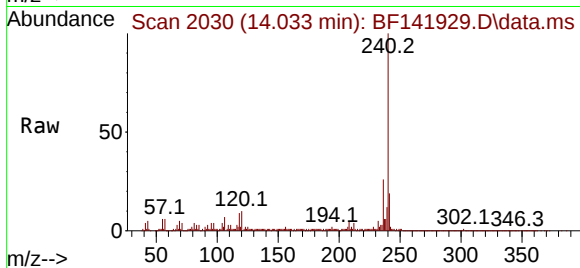
Tgt Ion:240 Resp: 312614

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 12.092 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

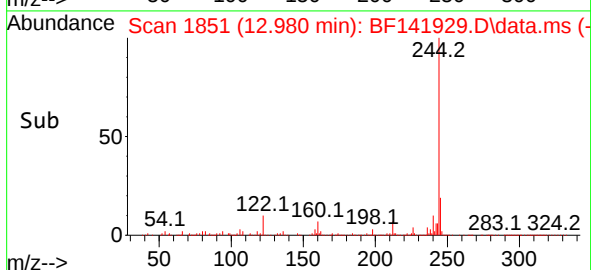
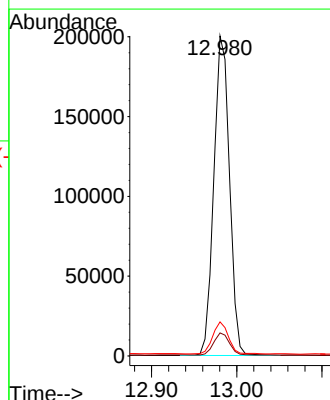
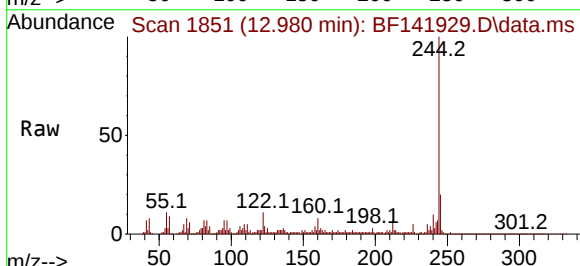
Tgt Ion:244 Resp: 255682

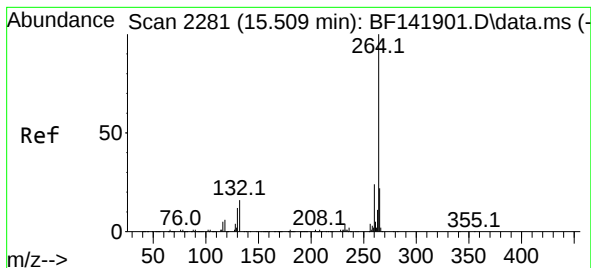
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.6 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141929.D

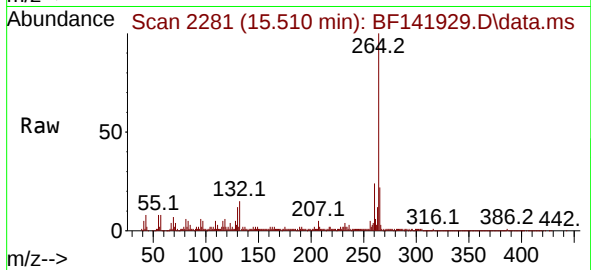
Acq: 11 Mar 2025 21:42

Instrument :

BNA_F

ClientSampleId :

ASPHALT-SOIL



Tgt Ion:264 Resp: 225271

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.8 17.5 26.3

