

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

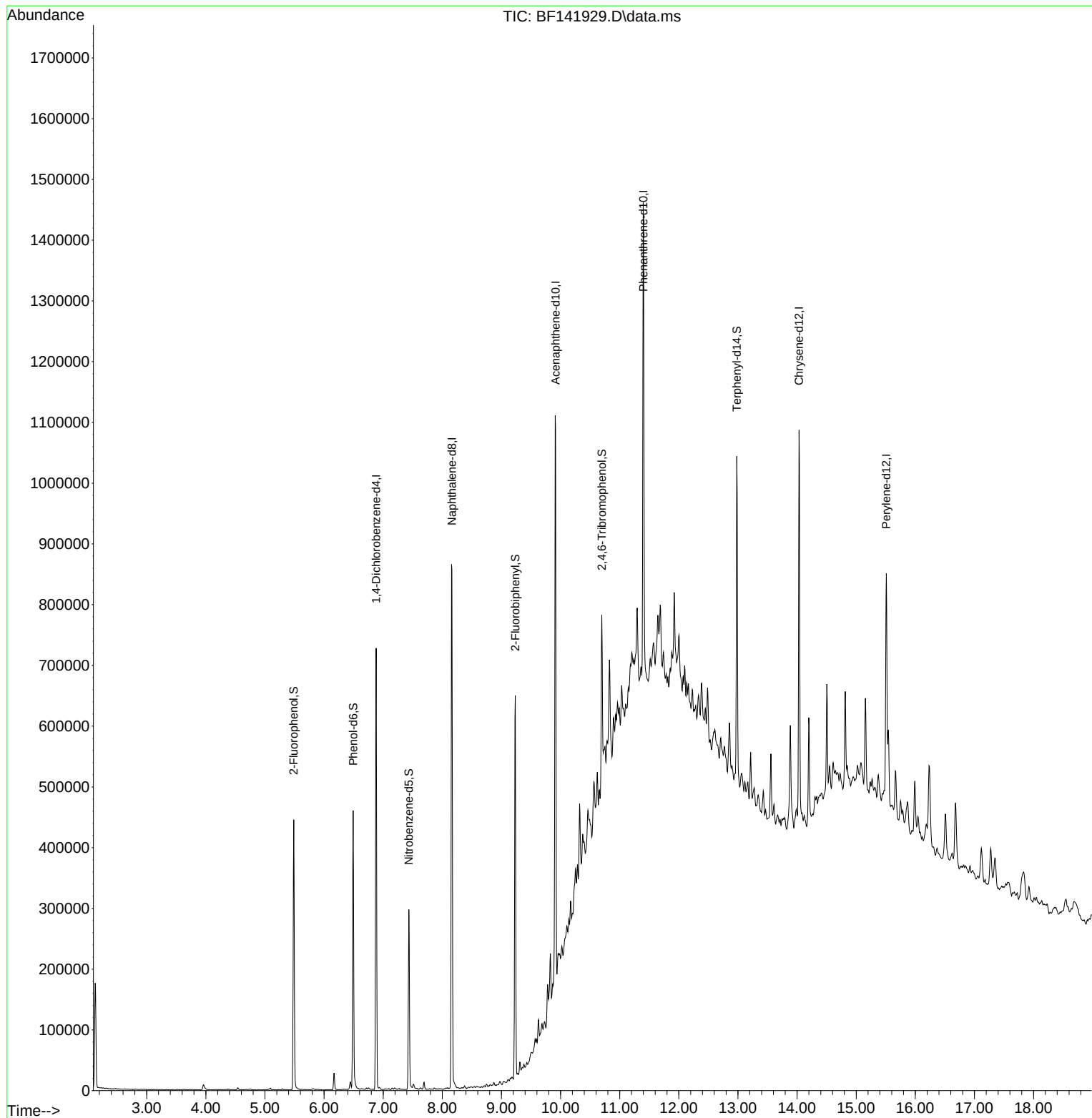
Target Compounds	Qvalue

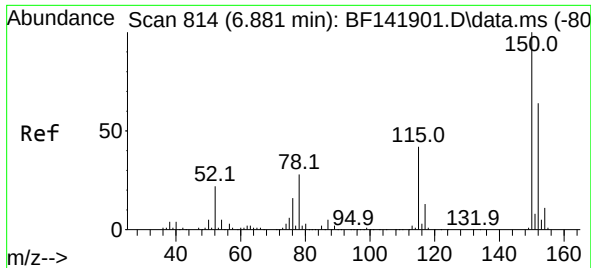
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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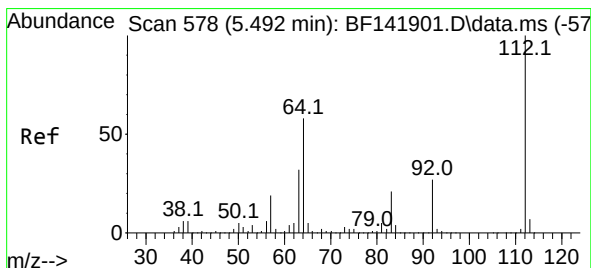
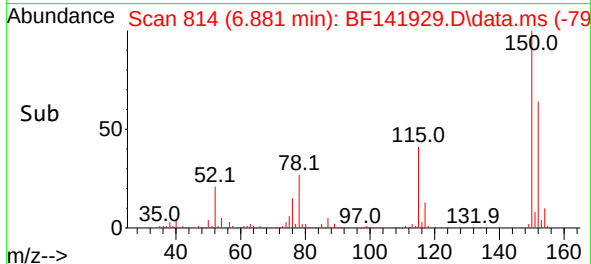
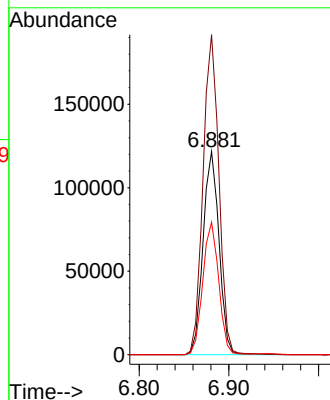
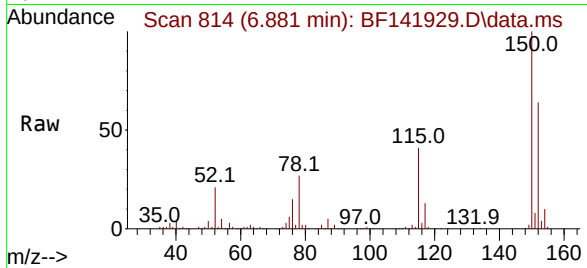




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141929.D
 Acq: 11 Mar 2025 21:42

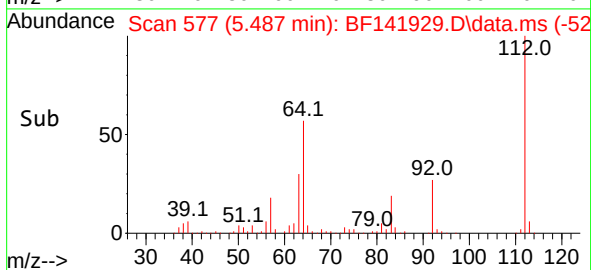
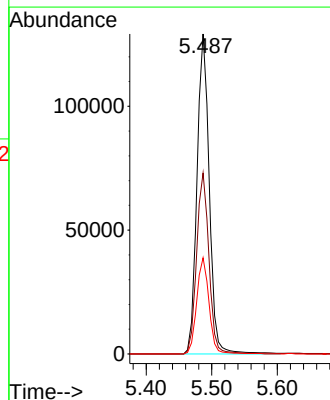
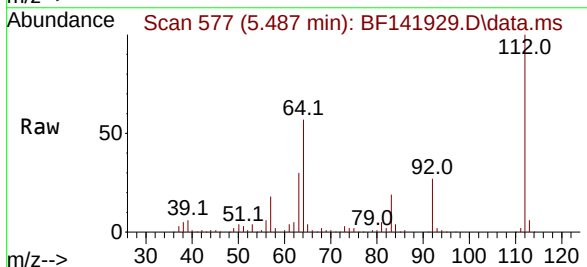
Instrument :
 BNA_F
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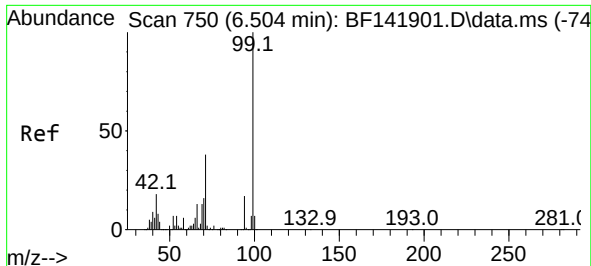
Tgt Ion:152 Resp: 150347
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.4 191.2
 115 65.2 51.9 77.9



#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

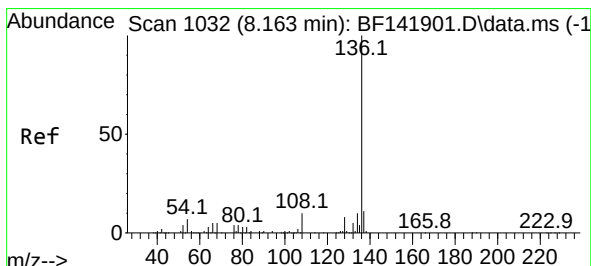
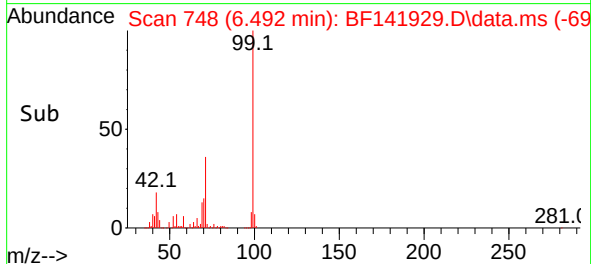
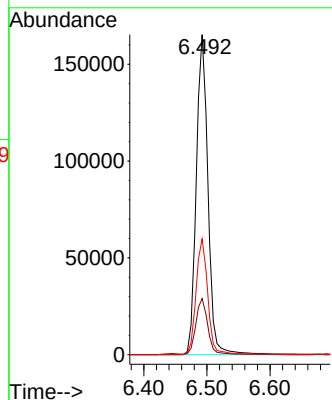
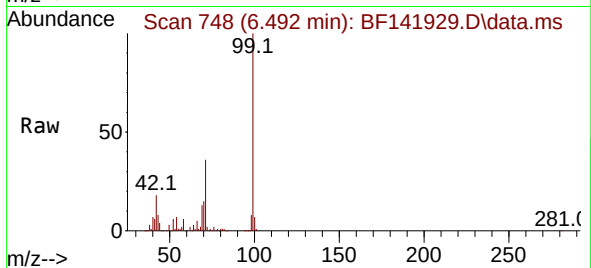




#7
Phenol-d6
Concen: 18.496 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

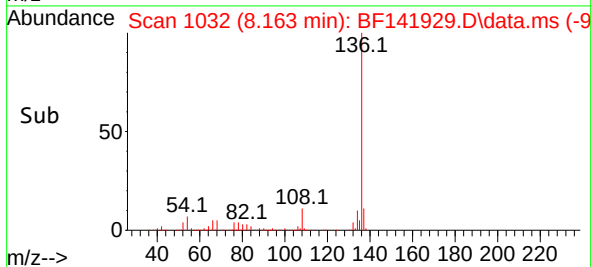
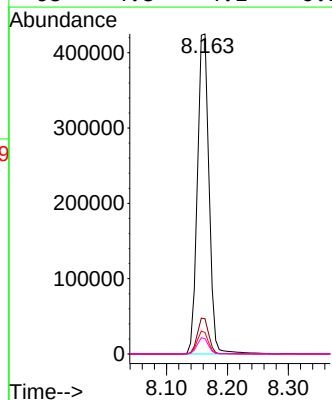
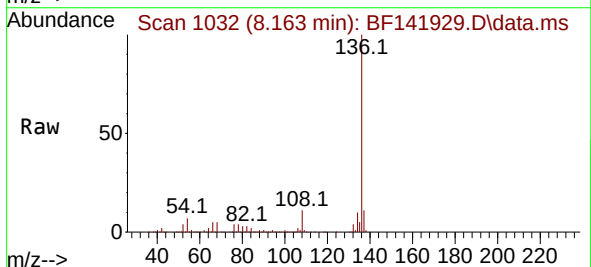
Instrument :
BNA_F
ClientSampleId :
ASPHALT-SOIL

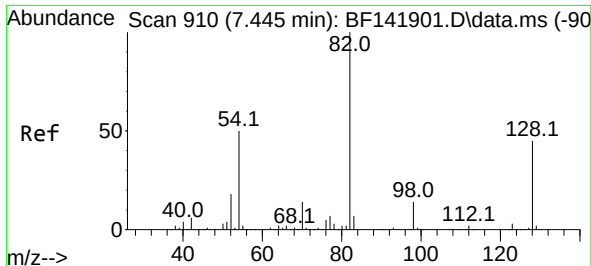
Tgt Ion: 99 Resp: 212142
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 36.2 30.8 46.2



#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

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

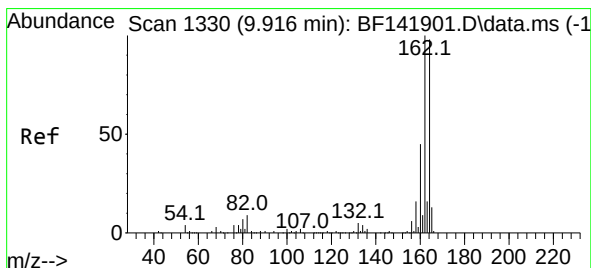
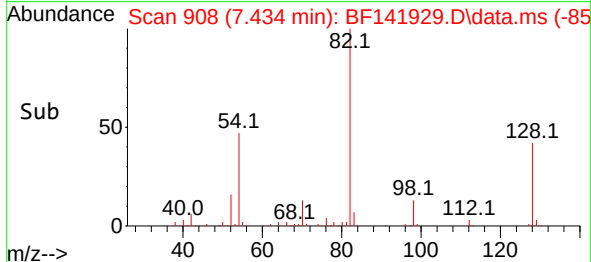
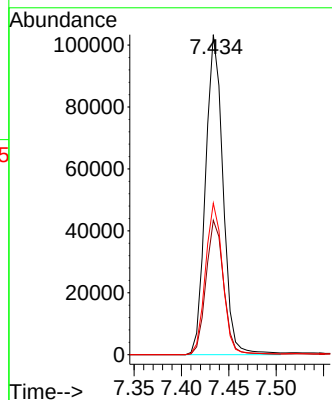
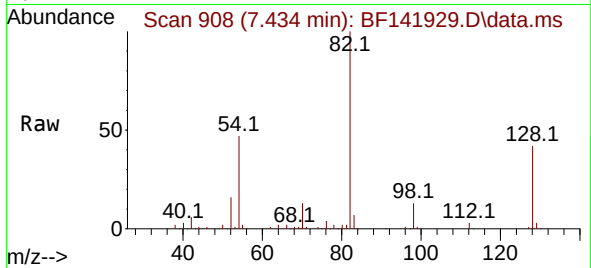




#23
Nitrobenzene-d5
Concen: 13.227 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF141929.D
Acq: 11 Mar 2025 21:42

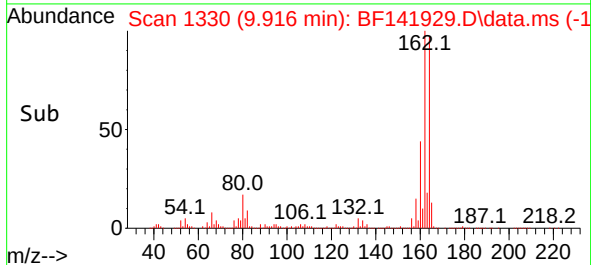
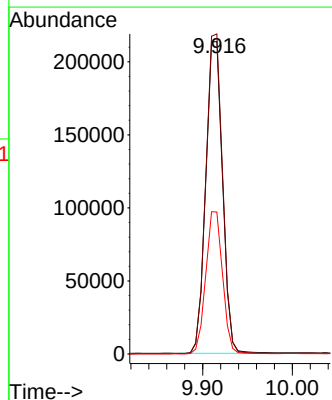
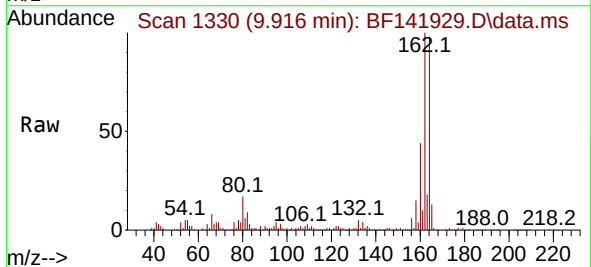
Instrument :
BNA_F
ClientSampleId :
ASPHALT-SOIL

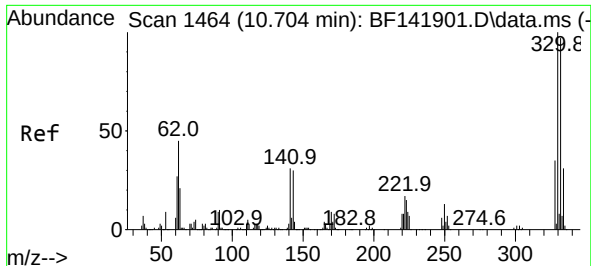
Tgt Ion: 82 Resp: 132285
Ion Ratio Lower Upper
82 100
128 42.0 36.0 54.0
54 47.3 39.6 59.4



#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

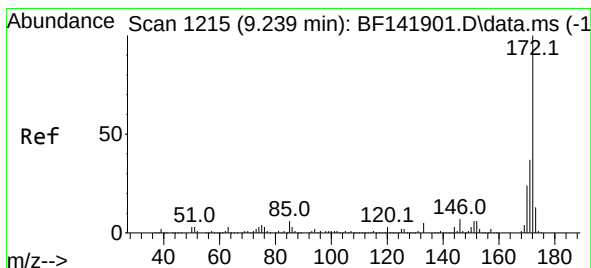
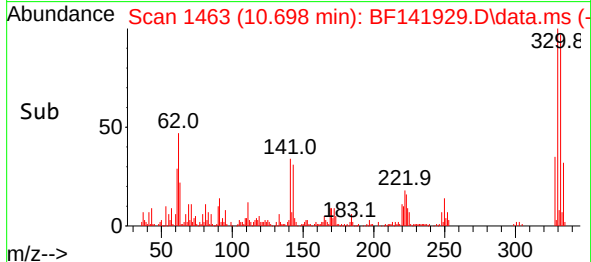
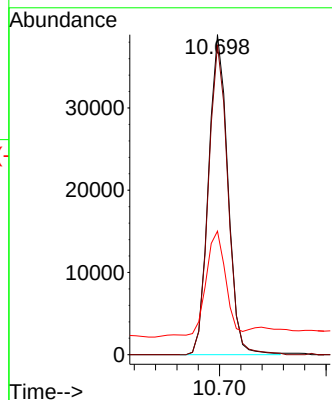
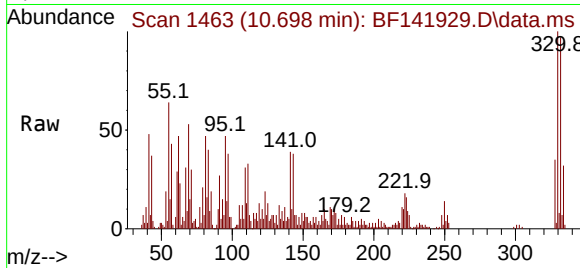




#42
 2,4,6-Tribromophenol
 Concen: 13.934 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF141929.D
 Acq: 11 Mar 2025 21:42

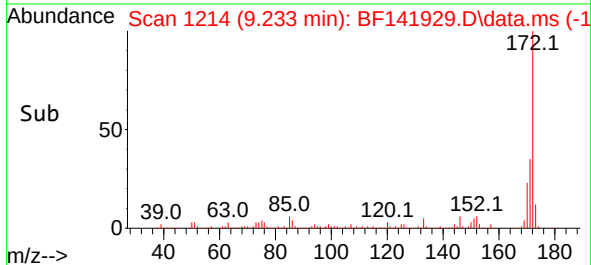
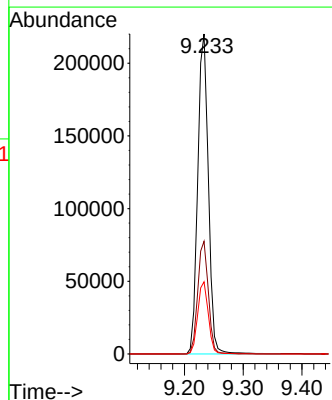
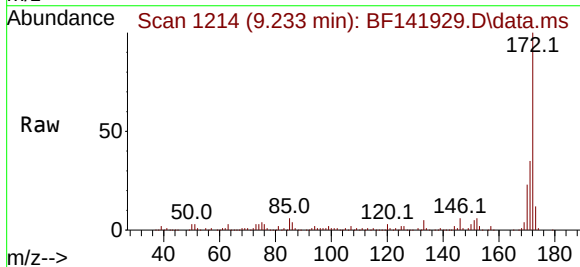
Instrument :
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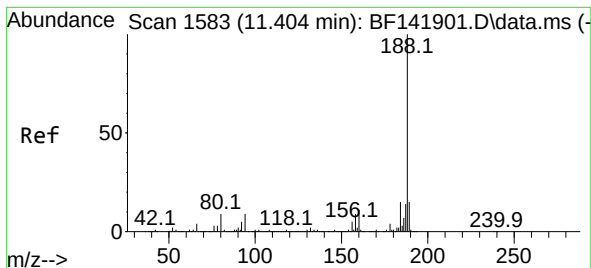
Tgt Ion:330 Resp: 49037
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.6 116.4
 141 34.4 24.7 37.1



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

Instrument :

BNA_F

ClientSampleId :

ASPHALT-SOIL

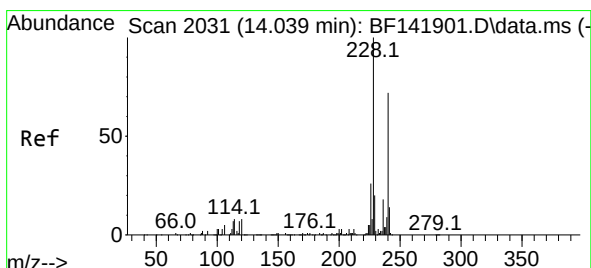
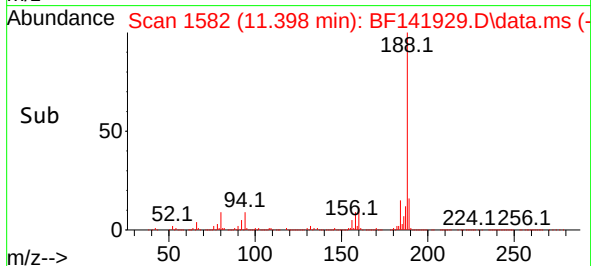
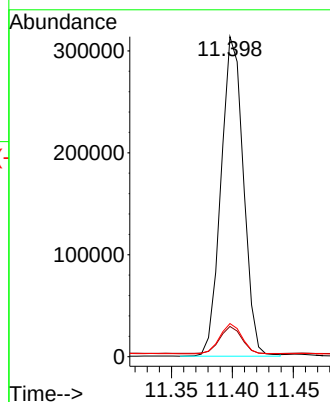
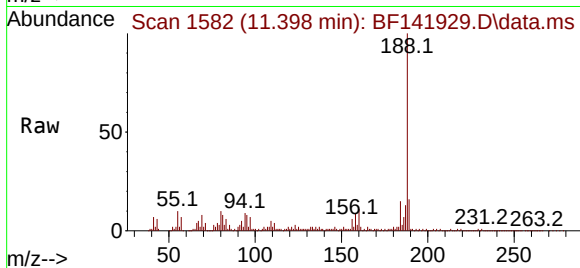
Tgt Ion:188 Resp: 401465

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# 2030

Delta R.T. -0.006 min

Lab File: BF141929.D

Acq: 11 Mar 2025 21:42

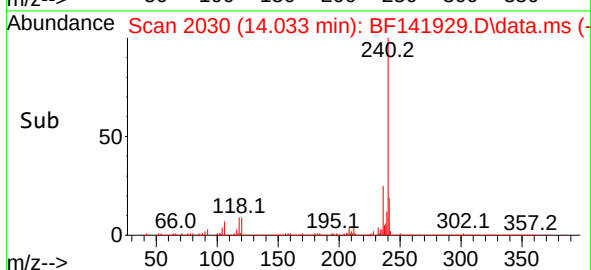
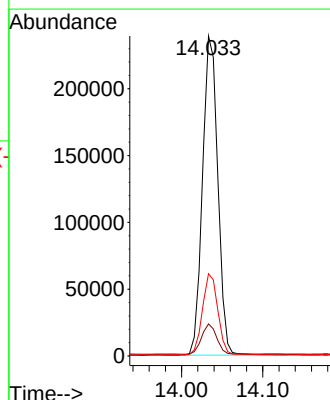
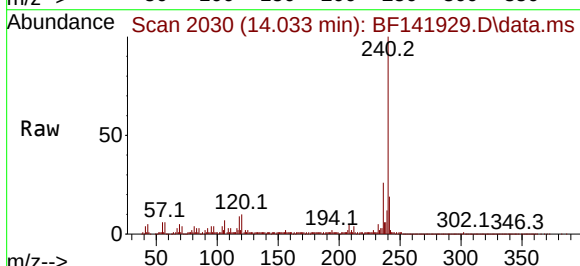
Tgt Ion:240 Resp: 312614

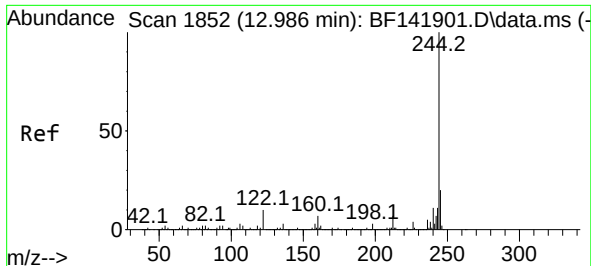
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 25.7 20.5 30.7

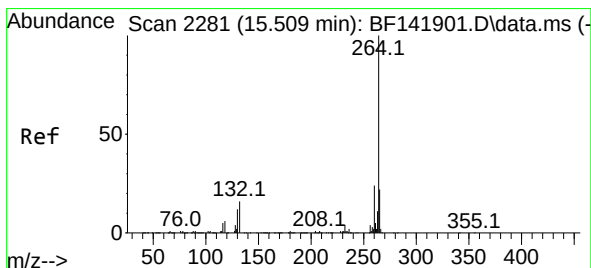
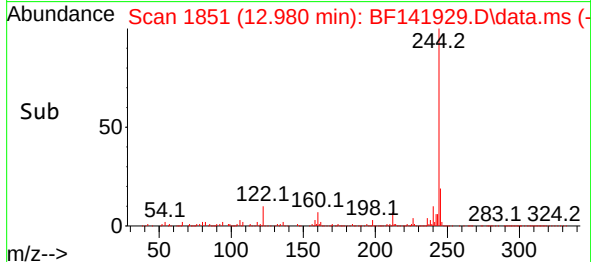
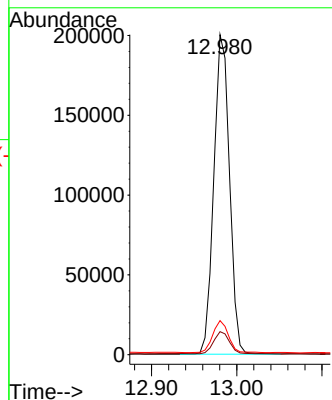
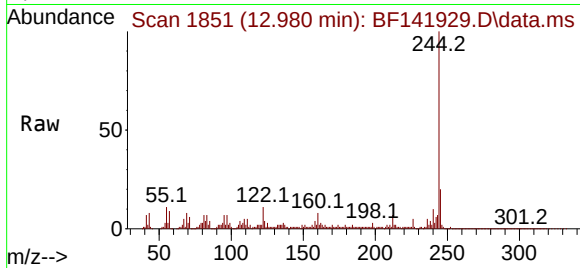




#79
 Terphenyl-d14
 Concen: 12.092 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF141929.D
 Acq: 11 Mar 2025 21:42

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-SOIL

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# 2281
 Delta R.T. 0.000 min
 Lab File: BF141929.D
 Acq: 11 Mar 2025 21:42

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

