

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141991.D
 Acq On : 18 Mar 2025 12:32
 Operator : RC/JU
 Sample : Q1569-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAP-IDW-SOIL-031325-02

Quant Time: Mar 18 12:55:34 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)

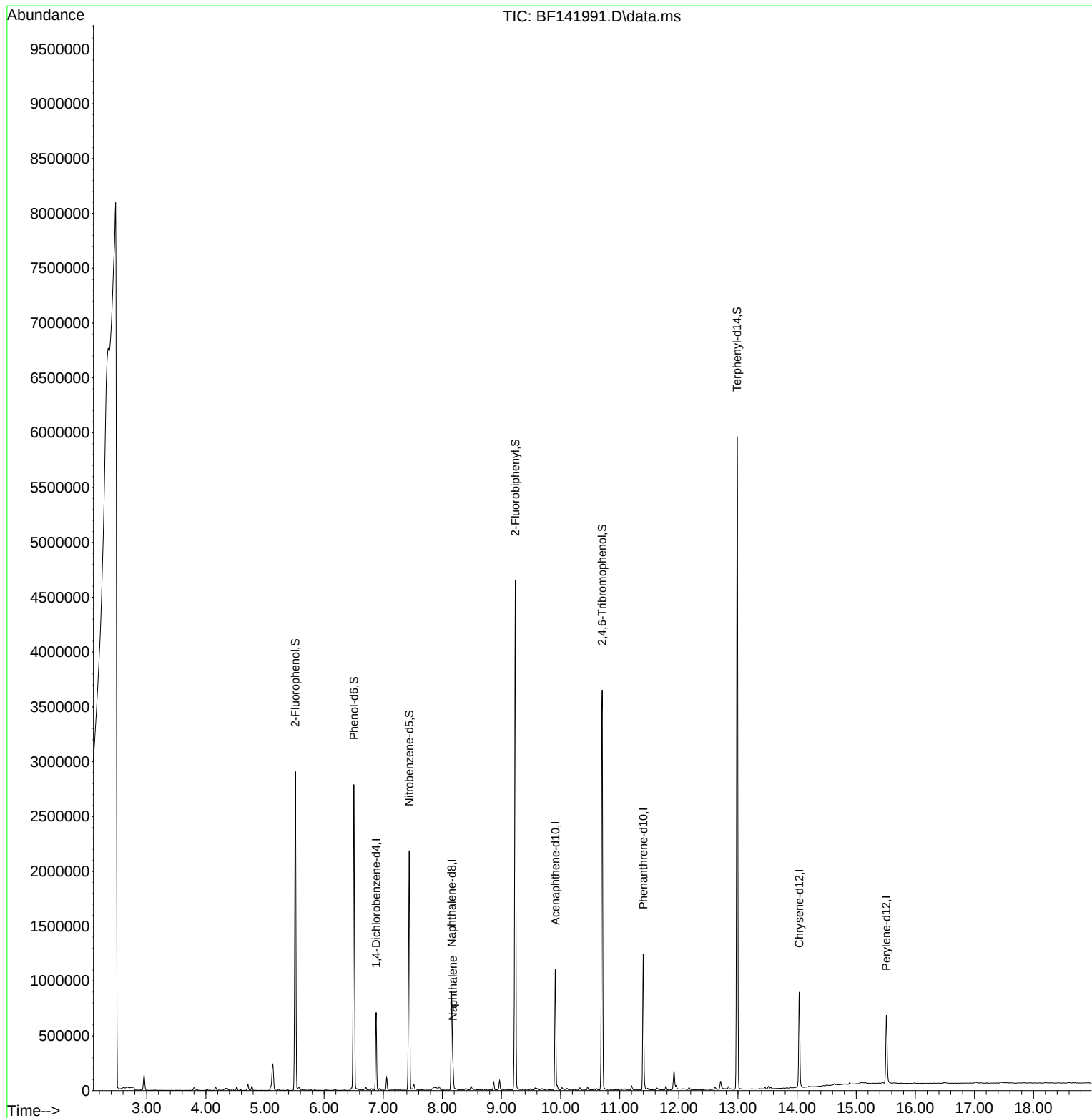
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	148424	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	586714	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	339225	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	629815	20.000	ng	0.00
76) Chrysene-d12	14.039	240	432125	20.000	ng	0.00
86) Perylene-d12	15.509	264	388734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1182616	132.980	ng	0.02
7) Phenol-d6	6.504	99	1393816	123.096	ng	0.00
23) Nitrobenzene-d5	7.439	82	1021763	98.005	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	728811	169.352	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2118296	94.967	ng	0.00
79) Terphenyl-d14	12.986	244	3048268	104.292	ng	0.00
Target Compounds						
31) Naphthalene	8.181	128	124615	4.135	ng	Qvalue 98

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

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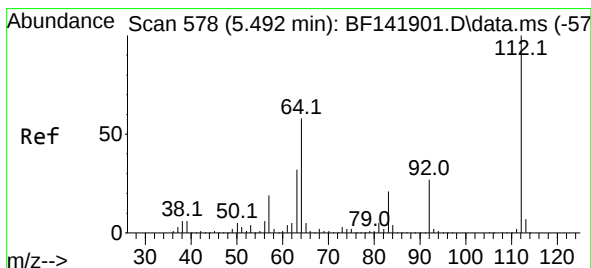
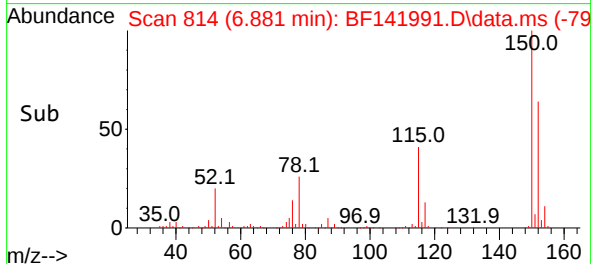
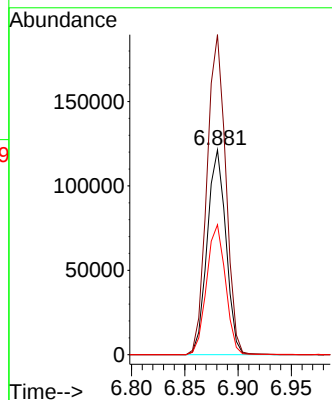
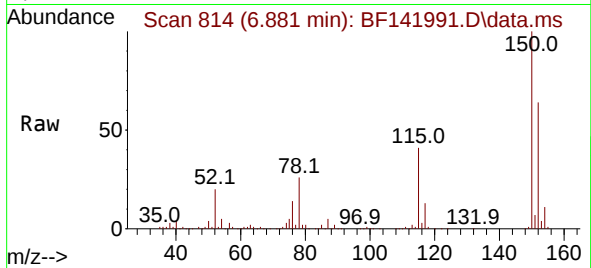




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

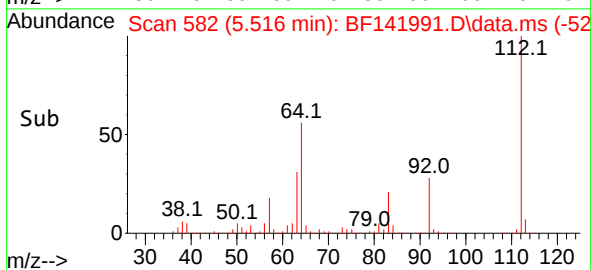
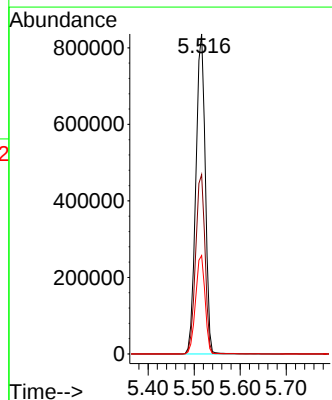
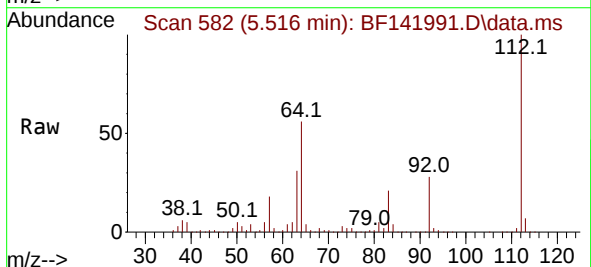
Instrument :
BNA_F
ClientSampleId :
TAP-IDW-SOIL-031325-02

Tgt Ion:152 Resp: 148424
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 63.5 51.9 77.9



#5
2-Fluorophenol
Concen: 132.980 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

Tgt Ion:112 Resp: 1182616
Ion Ratio Lower Upper
112 100
64 56.0 46.5 69.7
63 30.8 25.4 38.2



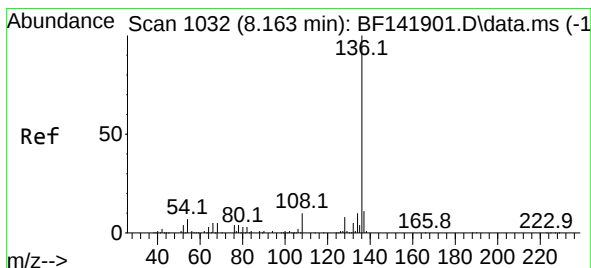
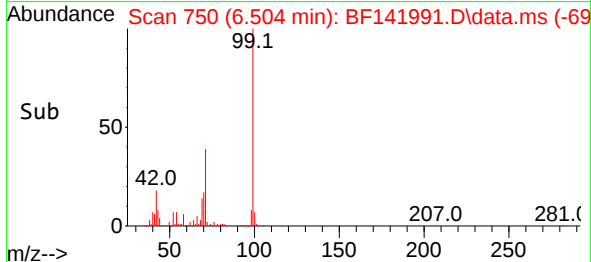
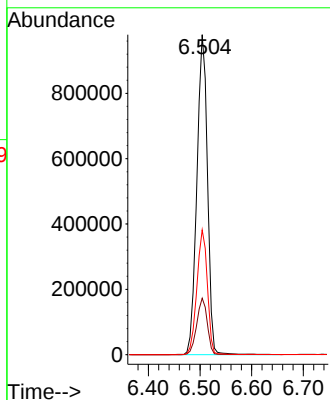
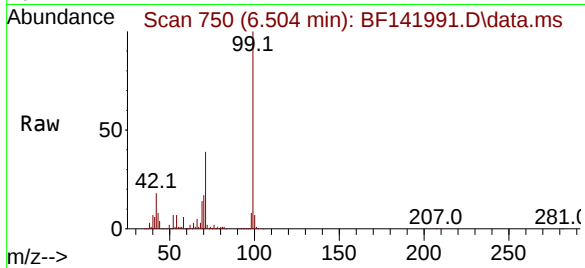


#7
Phenol-d6
Concen: 123.096 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

Instrument :
BNA_F
ClientSampleId :
TAP-IDW-SOIL-031325-02

Tgt Ion: 99 Resp: 1393816

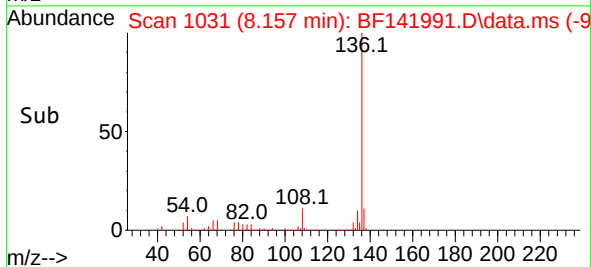
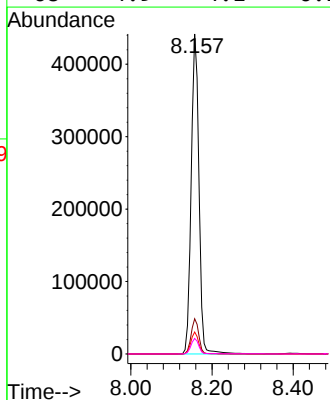
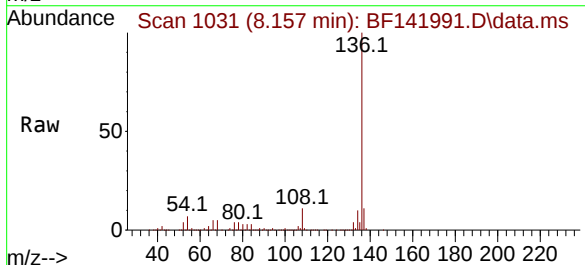
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	39.0	30.8	46.2

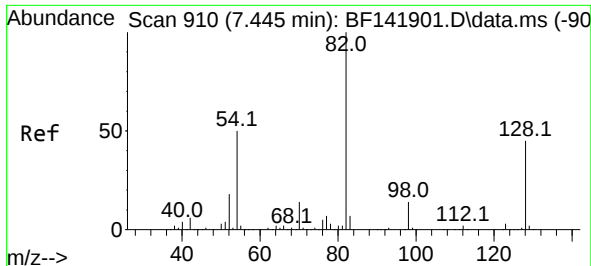


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

Tgt Ion: 136 Resp: 586714

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.8	8.8
68	4.9	4.1	6.1

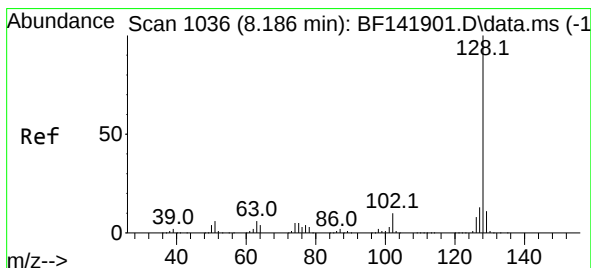
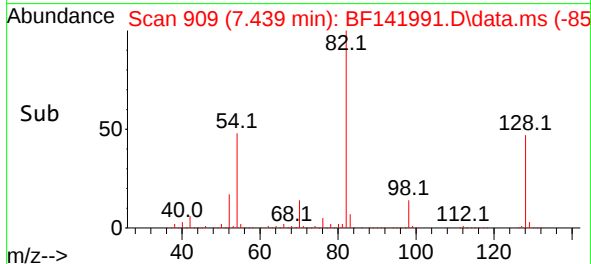
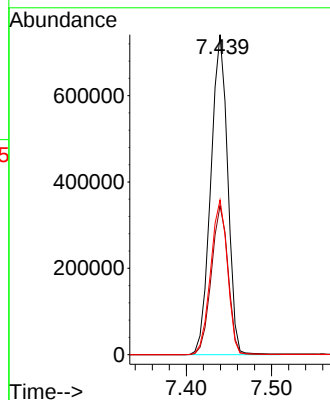
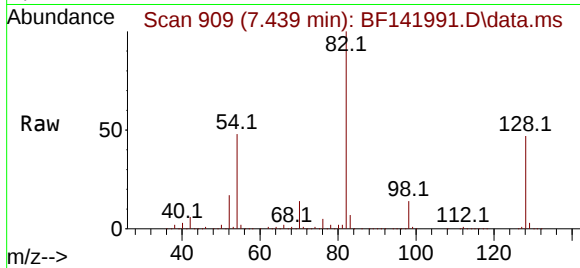




#23
Nitrobenzene-d5
Concen: 98.005 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

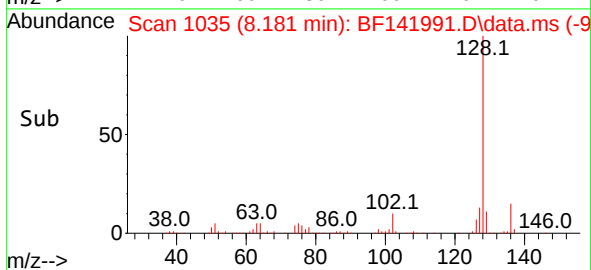
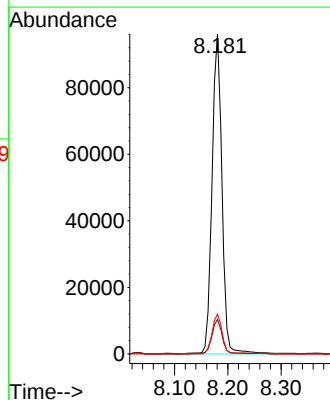
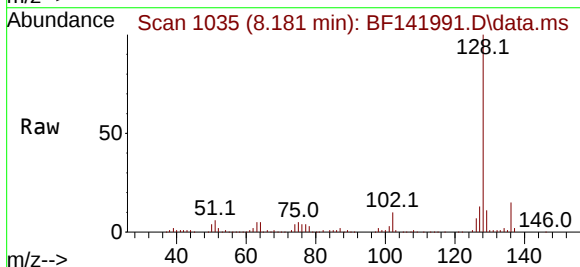
Instrument :
BNA_F
ClientSampleId :
TAP-IDW-SOIL-031325-02

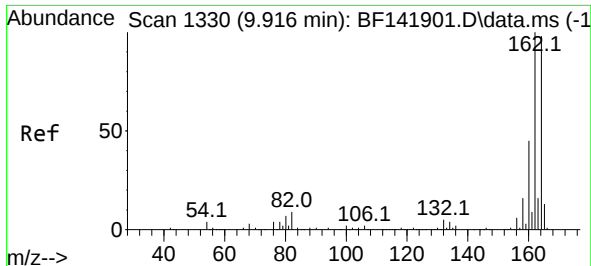
Tgt Ion: 82 Resp: 1021763
Ion Ratio Lower Upper
82 100
128 46.6 36.0 54.0
54 48.4 39.6 59.4



#31
Naphthalene
Concen: 4.135 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

Tgt Ion: 128 Resp: 124615
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.5 10.8 16.2

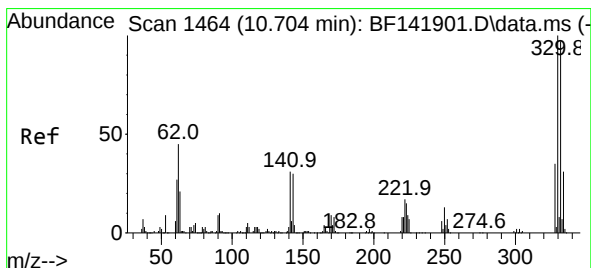
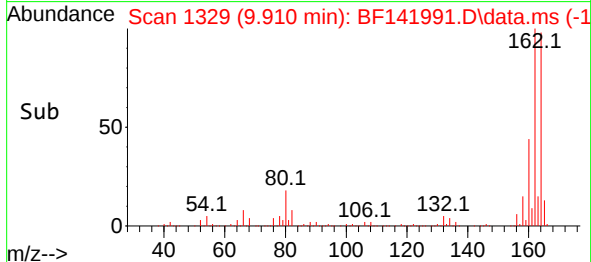
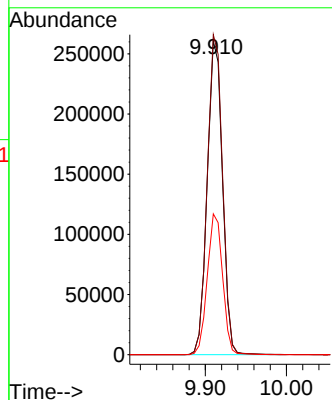
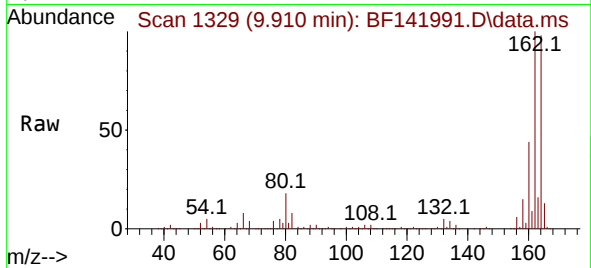




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

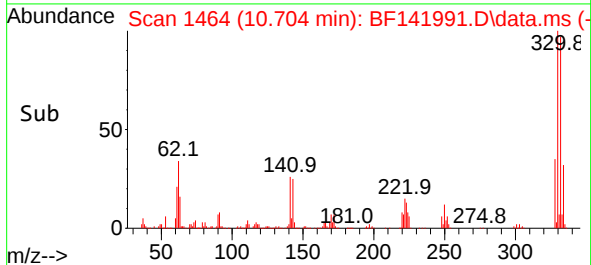
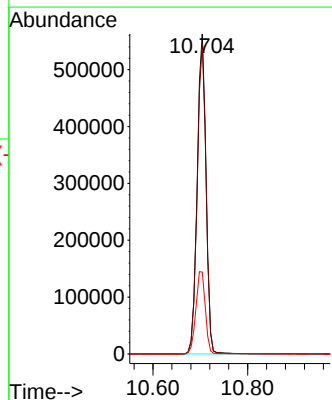
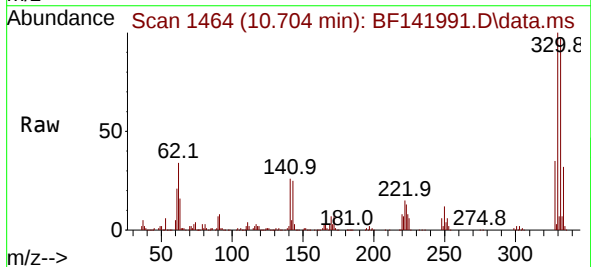
Instrument :
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ClientSampleId :
TAP-IDW-SOIL-031325-02

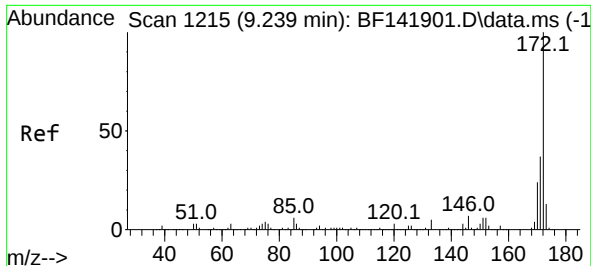
Tgt Ion:164 Resp: 339225
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 44.9 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 169.352 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

Tgt Ion:330 Resp: 728811
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 27.7 24.7 37.1

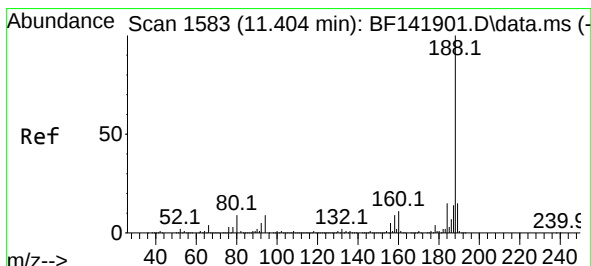
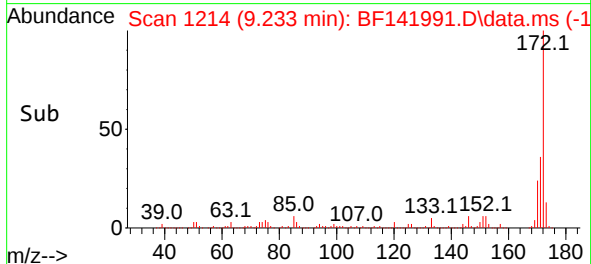
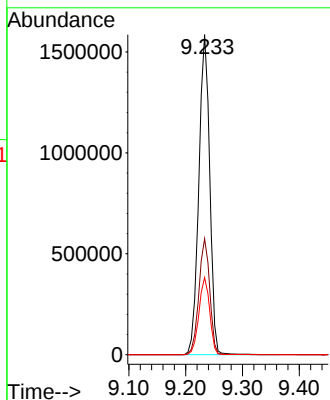
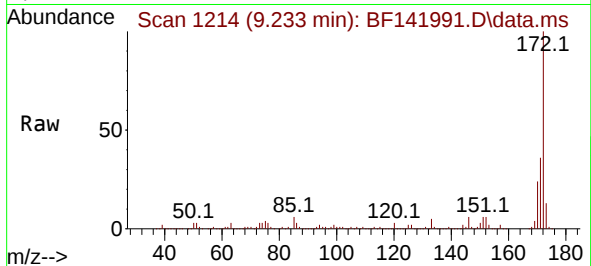




#45
2-Fluorobiphenyl
Concen: 94.967 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

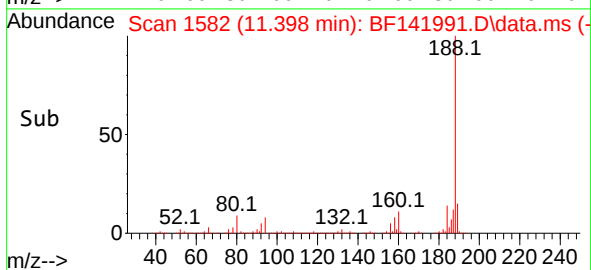
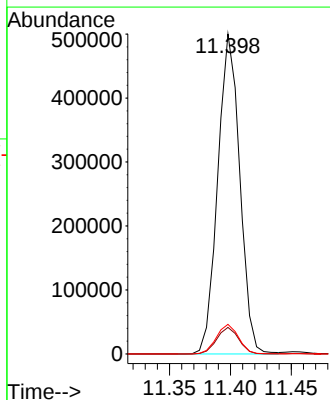
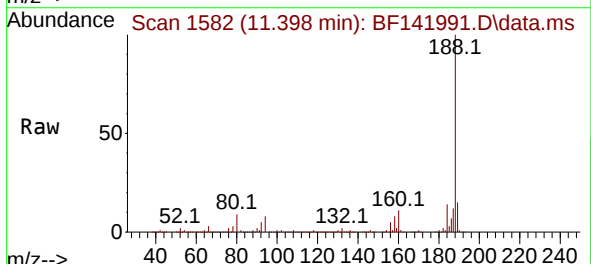
Instrument :
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ClientSampleId :
TAP-IDW-SOIL-031325-02

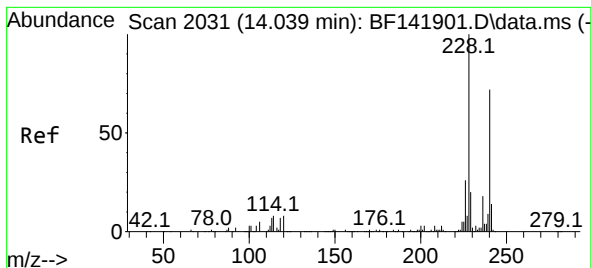
Tgt Ion:172 Resp: 2118296
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.1 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141991.D
Acq: 18 Mar 2025 12:32

Tgt Ion:188 Resp: 629815
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.3 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF141991.D

Acq: 18 Mar 2025 12:32

Instrument :

BNA_F

ClientSampleId :

TAP-IDW-SOIL-031325-02

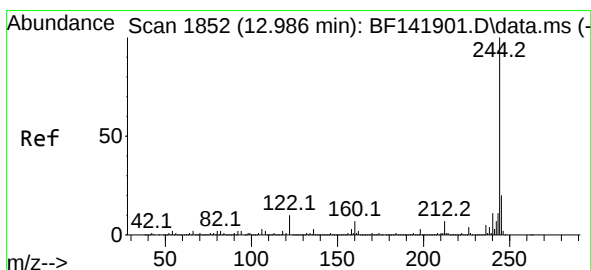
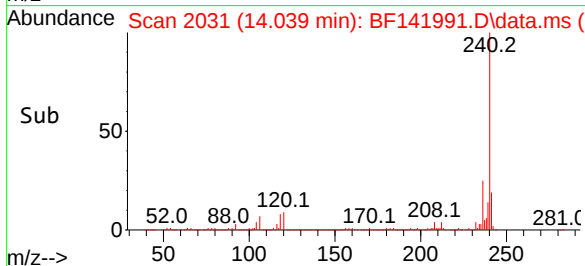
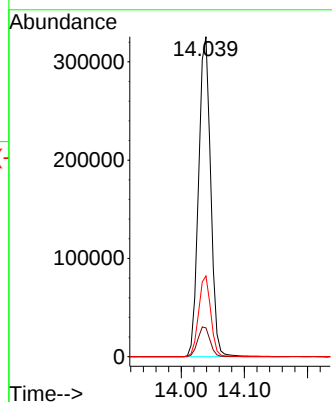
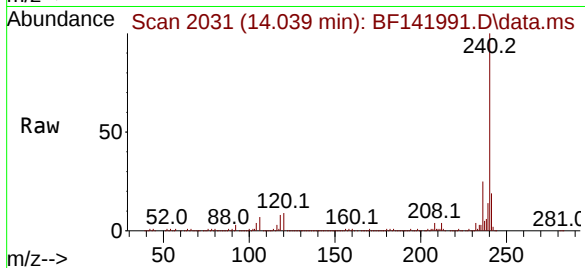
Tgt Ion:240 Resp: 432125

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

236 25.3 20.5 30.7



#79

Terphenyl-d14

Concen: 104.292 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141991.D

Acq: 18 Mar 2025 12:32

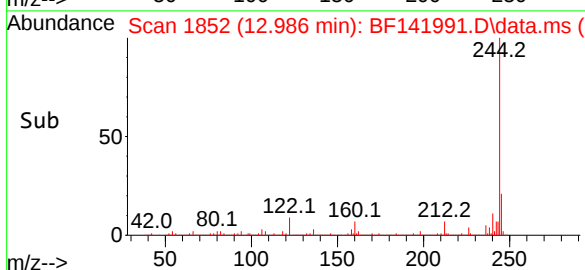
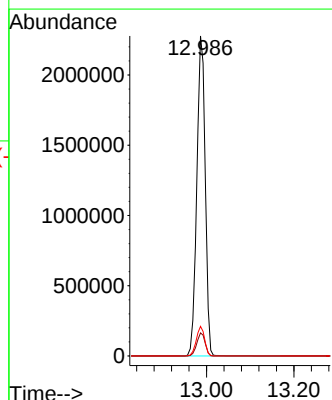
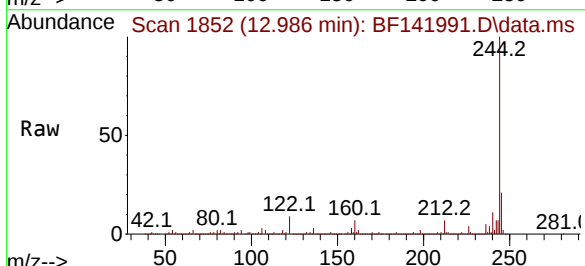
Tgt Ion:244 Resp: 3048268

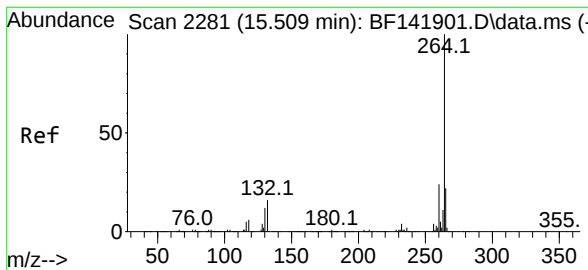
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

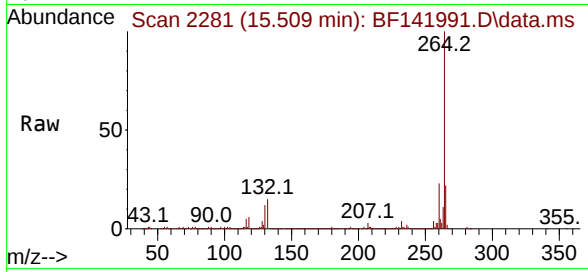
122 9.3 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141991.D
 Acq: 18 Mar 2025 12:32

Instrument :
 BNA_F
 ClientSampleId :
 TAP-IDW-SOIL-031325-02



Tgt Ion:264 Resp: 388734
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.8 17.5 26.3

