

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140090.D
 Acq On : 28 Oct 2024 16:39
 Operator : RC/JU
 Sample : P4574-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-2

Quant Time: Oct 28 17:15:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	120346	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	474587	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	268007	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	470500	20.000	ng	0.00
76) Chrysene-d12	14.045	240	230763	20.000	ng	0.00
86) Perylene-d12	15.527	264	263125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	906364	117.902	ng	0.02
7) Phenol-d6	6.510	99	1079899	108.462	ng	0.00
23) Nitrobenzene-d5	7.445	82	799649	93.385	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	343055	136.847	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1453972	89.661	ng	0.00
79) Terphenyl-d14	12.998	244	1439838	101.671	ng	0.00

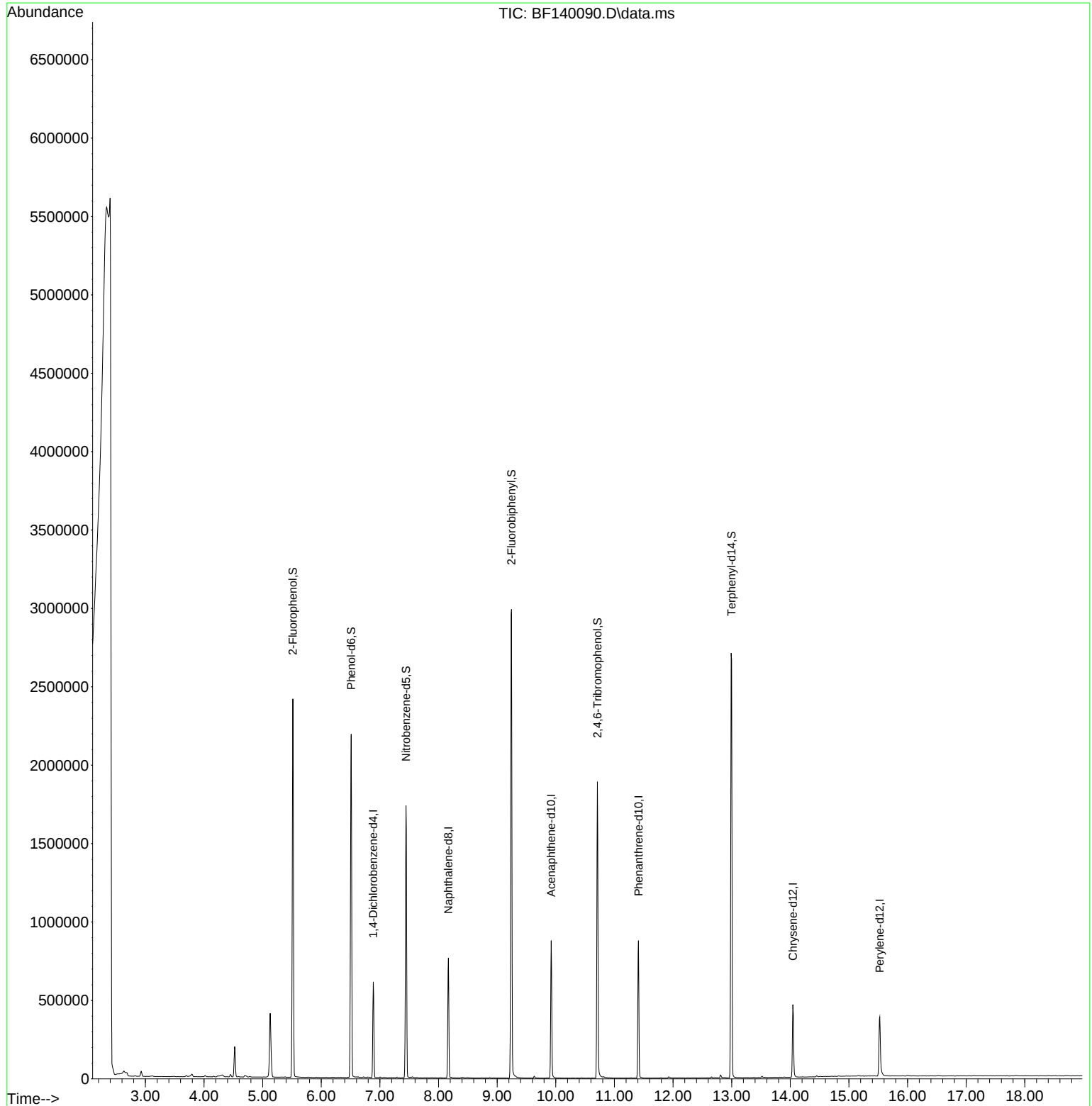
Target Compounds	Qvalue

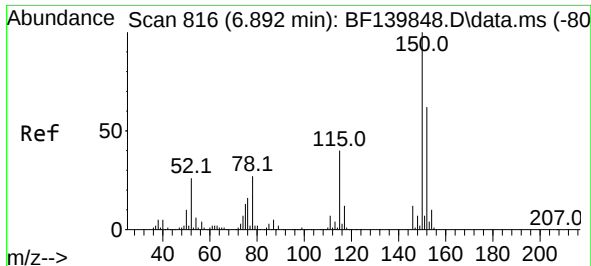
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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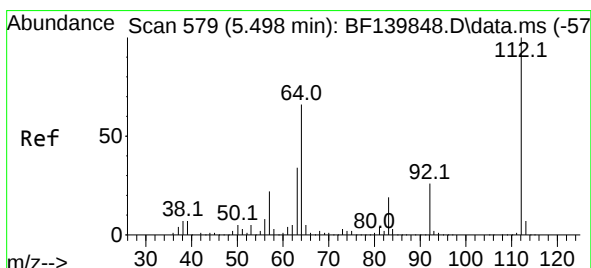
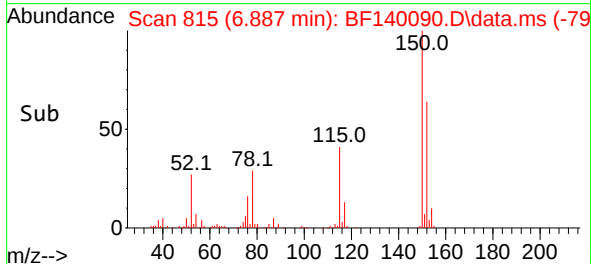
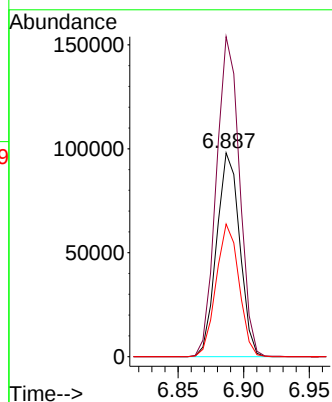
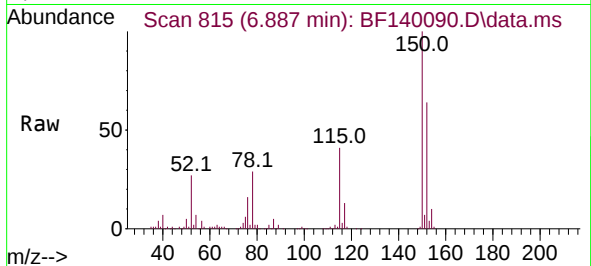




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

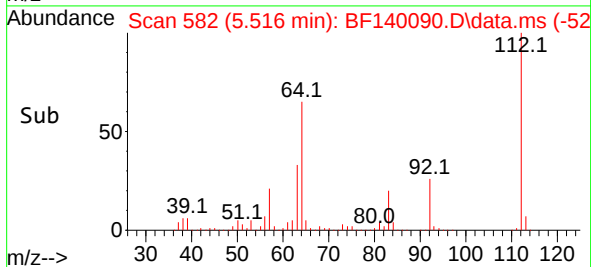
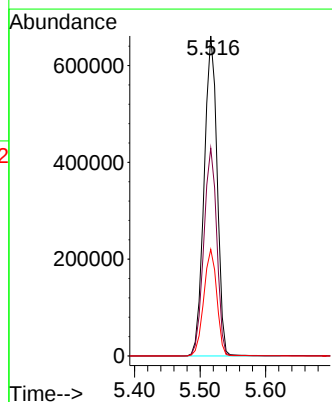
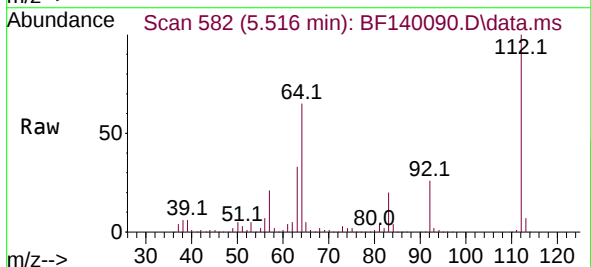
Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

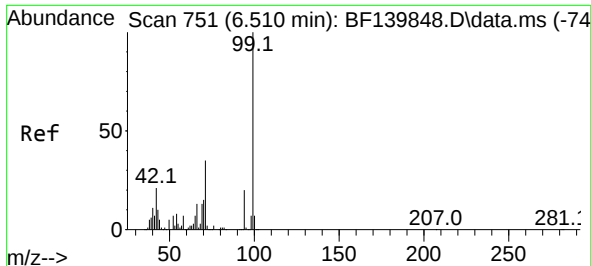
Tgt Ion:152 Resp: 120346
Ion Ratio Lower Upper
152 100
150 157.0 130.2 195.2
115 65.0 51.4 77.2



#5
2-Fluorophenol
Concen: 117.902 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

Tgt Ion:112 Resp: 906364
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.3 27.0 40.4



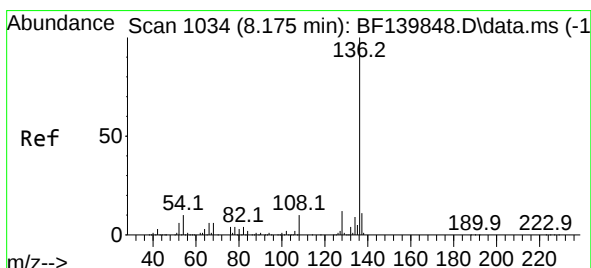
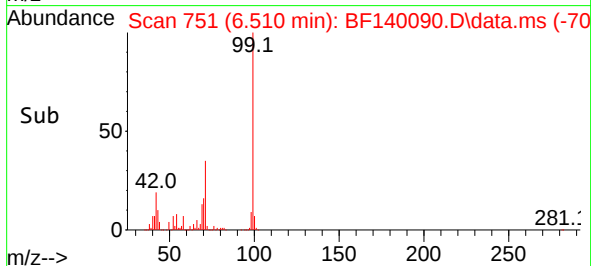
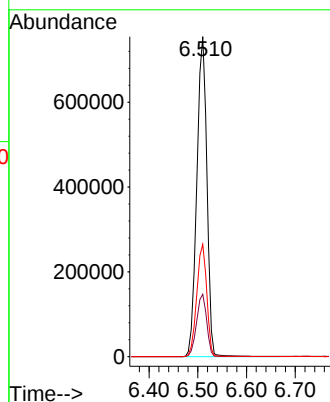
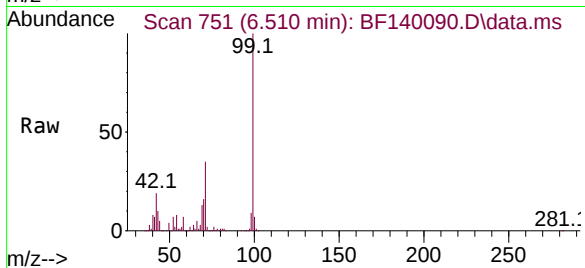


#7
Phenol-d6
Concen: 108.462 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

Tgt Ion: 99 Resp: 1079899

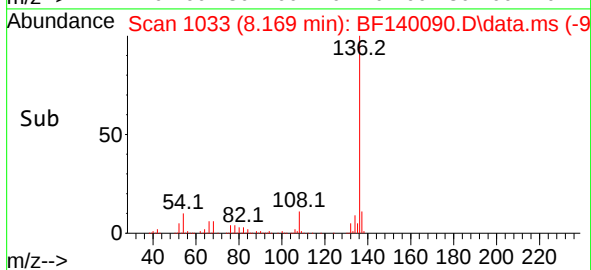
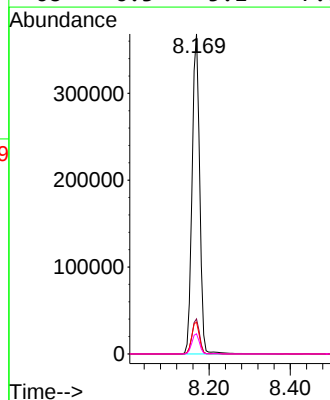
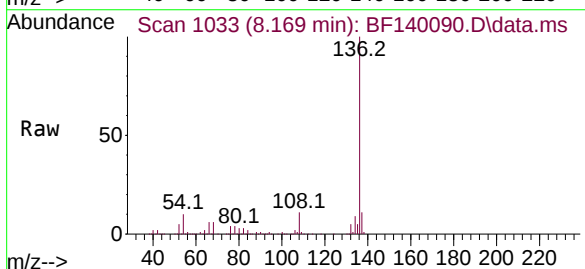
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.7	25.1
71	35.1	27.7	41.5

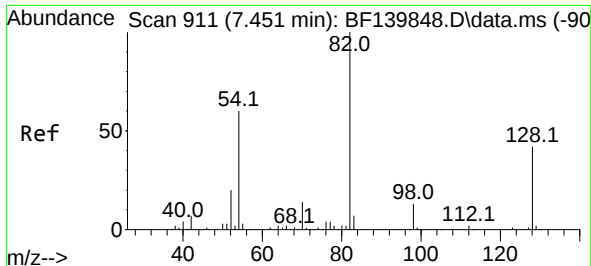


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

Tgt Ion:136 Resp: 474587

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.9	8.4	12.6
68	6.3	5.1	7.7

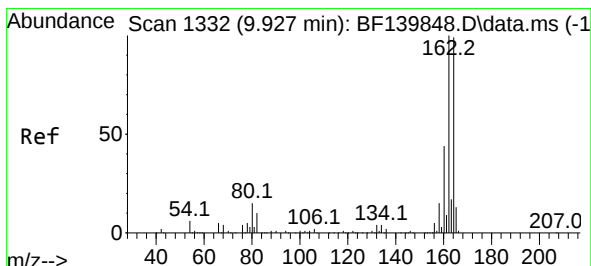
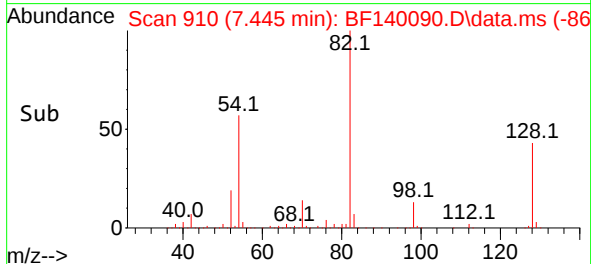
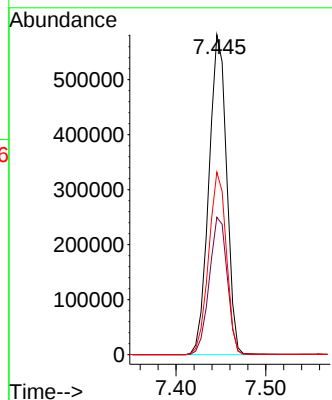
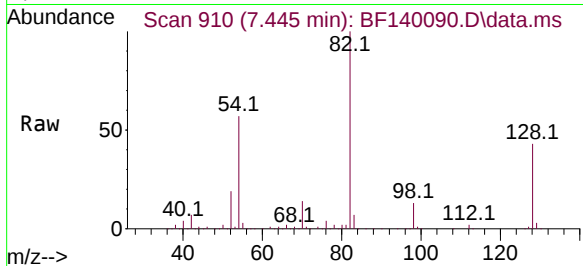




#23
Nitrobenzene-d5
Concen: 93.385 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

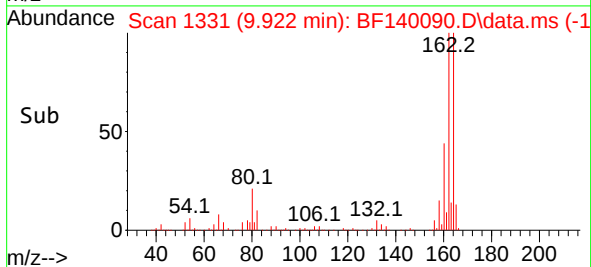
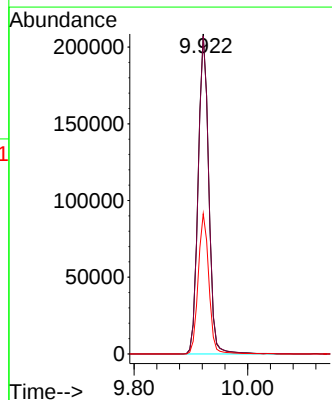
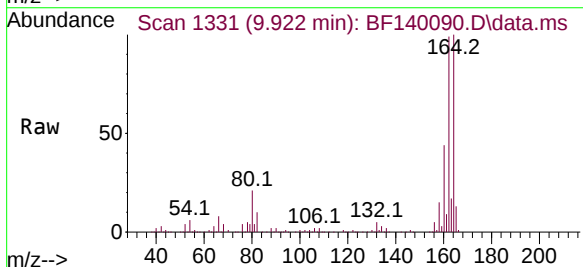
Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

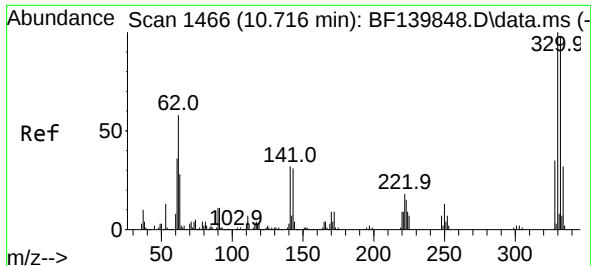
Tgt Ion: 82 Resp: 799649
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.0
54 57.0 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

Tgt Ion:164 Resp: 268007
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 43.8 35.4 53.0

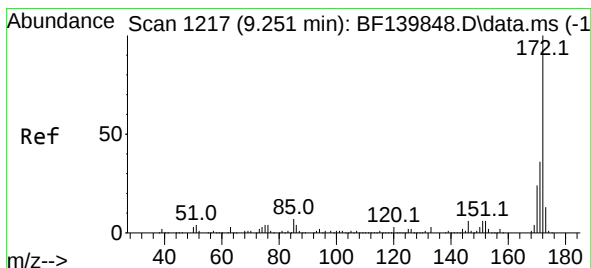
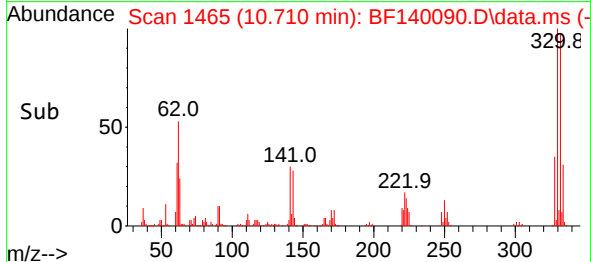
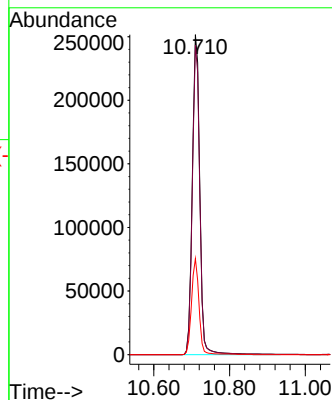
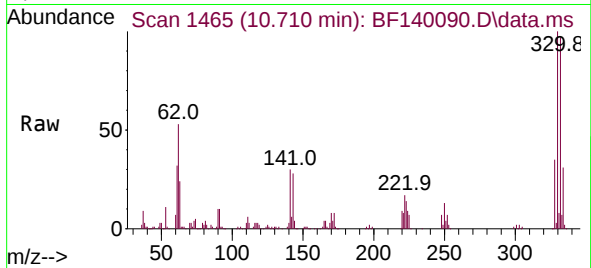




#42
2,4,6-Tribromophenol
Concen: 136.847 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

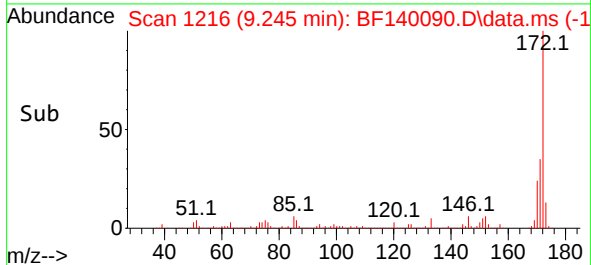
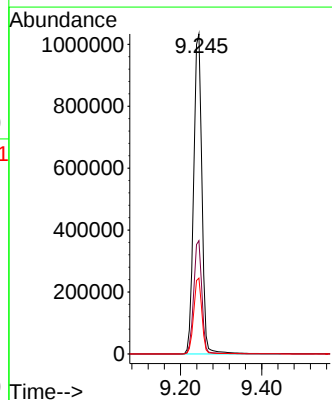
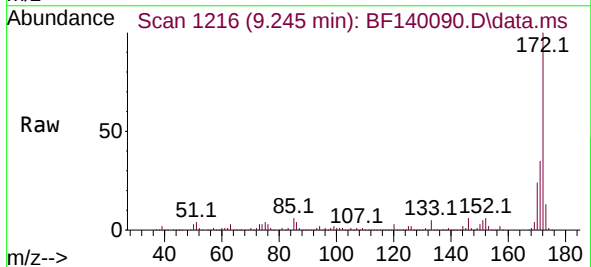
Instrument :
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ClientSampleId :
GRAVEL-2

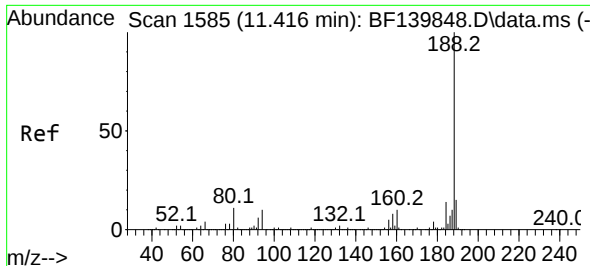
Tgt Ion:330 Resp: 343055
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 30.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 89.661 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

Tgt Ion:172 Resp: 1453972
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.1 28.7

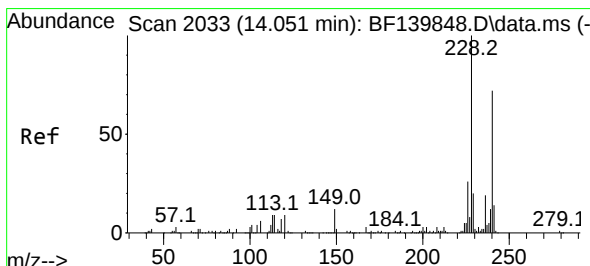
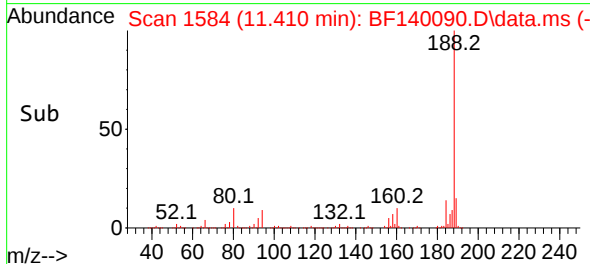
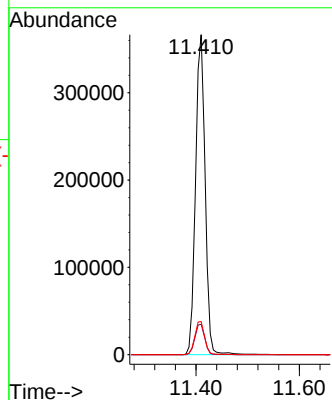
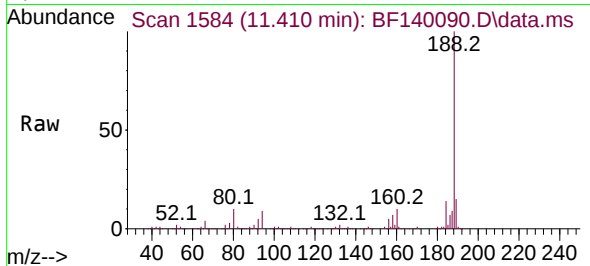




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

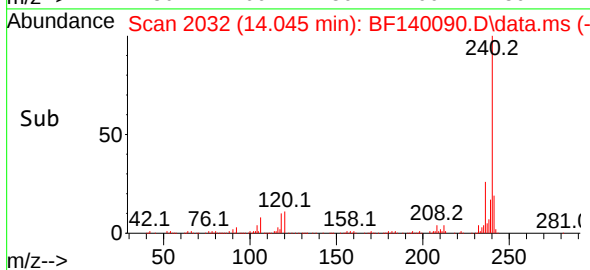
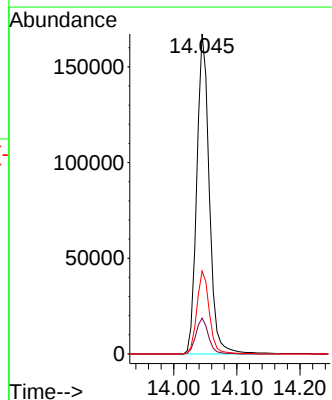
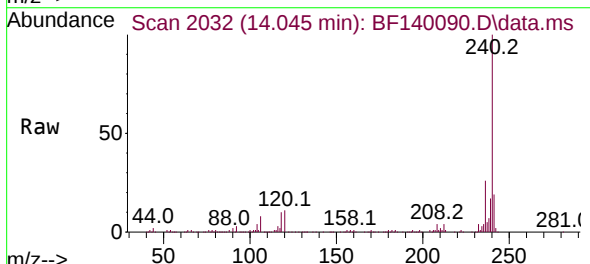
Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

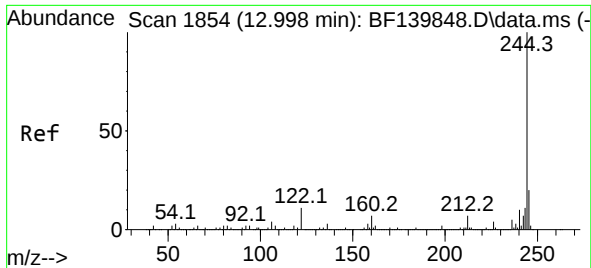
Tgt Ion:188 Resp: 470500
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140090.D
Acq: 28 Oct 2024 16:39

Tgt Ion:240 Resp: 230763
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.9 20.9 31.3

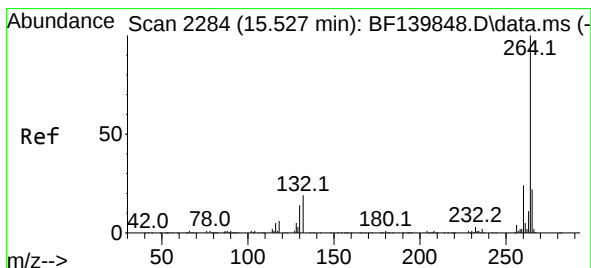
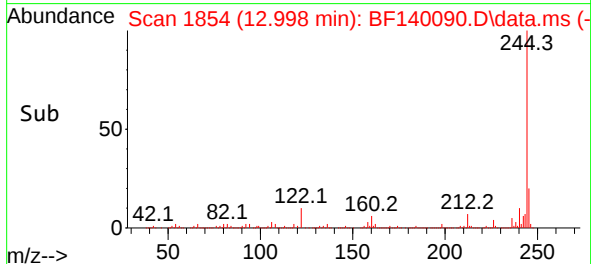
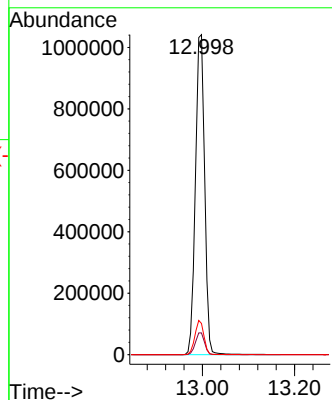
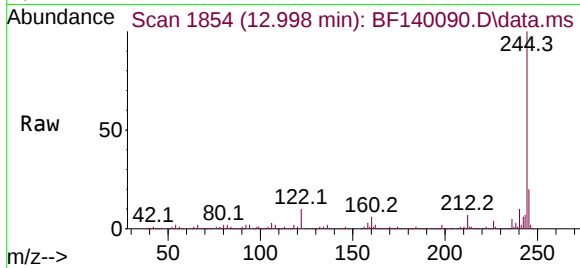




#79
 Terphenyl-d14
 Concen: 101.671 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140090.D
 Acq: 28 Oct 2024 16:39

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-2

Tgt Ion:244 Resp: 1439838
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140090.D
 Acq: 28 Oct 2024 16:39

Tgt Ion:264 Resp: 263125
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.9 17.4 26.0

