

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140086.D
 Acq On : 28 Oct 2024 14:47
 Operator : RC/JU
 Sample : P4567-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 28 15:11:03 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	110919	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	439693	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	243777	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	428643	20.000	ng	0.00
76) Chrysene-d12	14.045	240	214541	20.000	ng	0.00
86) Perylene-d12	15.527	264	247245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	897681	126.697	ng	0.02
7) Phenol-d6	6.510	99	1059392	115.445	ng	0.00
23) Nitrobenzene-d5	7.445	82	794903	100.198	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	354870	155.630	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1430805	97.002	ng	0.00
79) Terphenyl-d14	12.998	244	1412968	107.318	ng	0.00

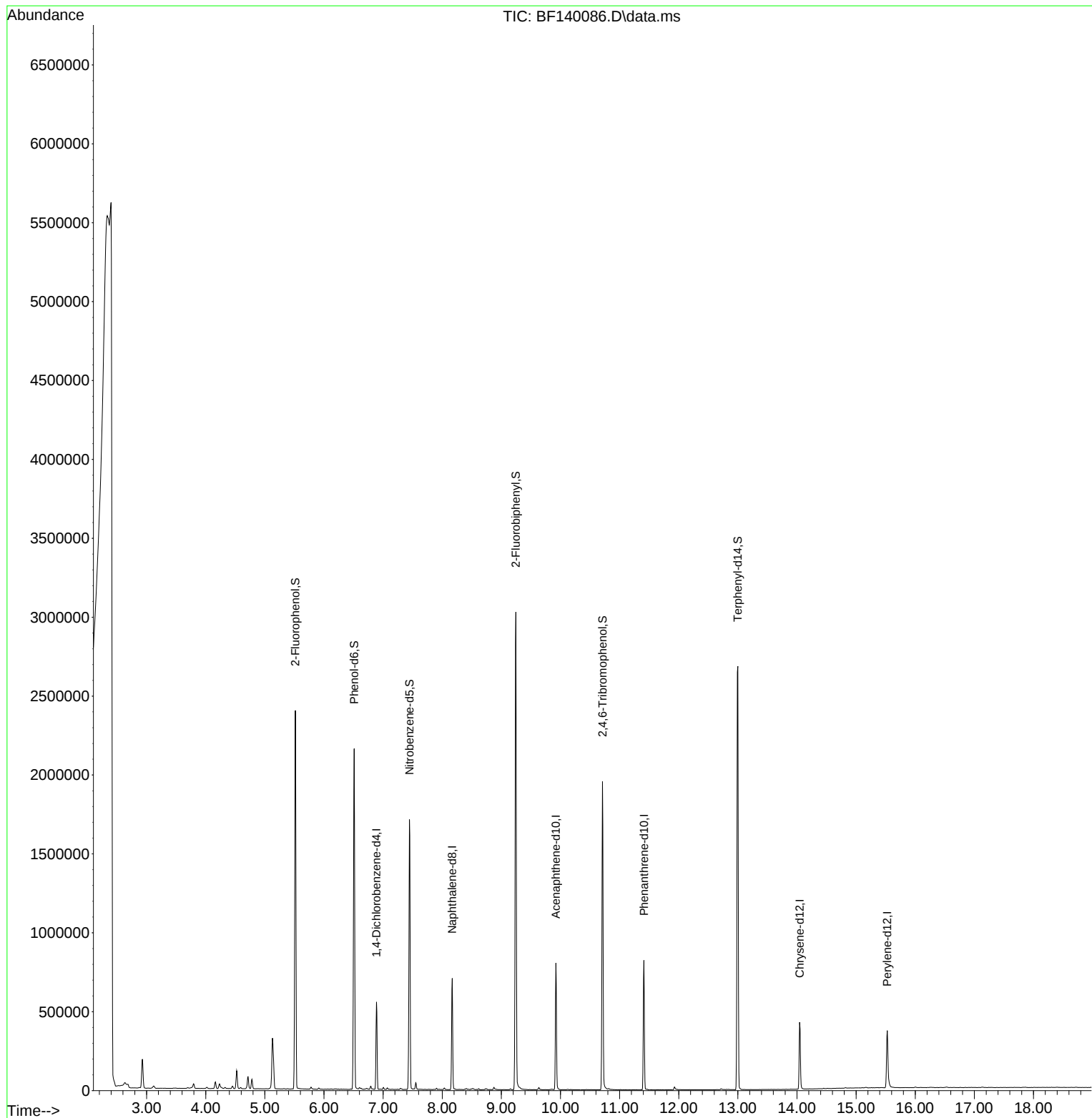
Target Compounds Qvalue

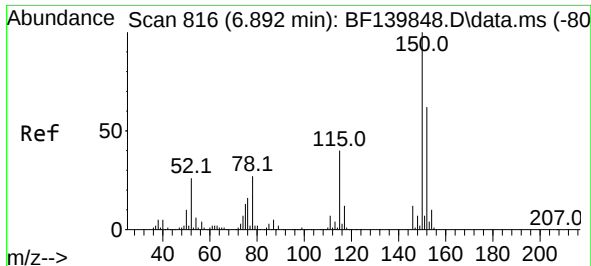
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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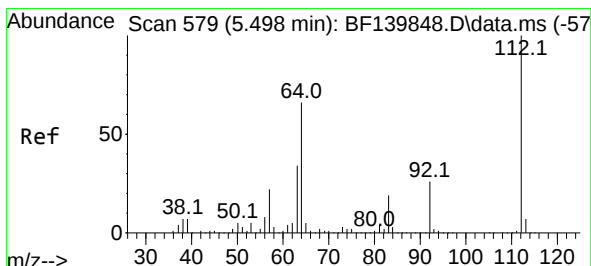
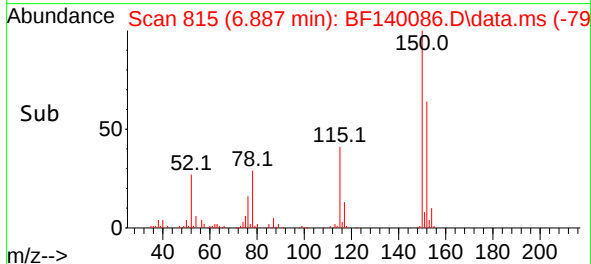
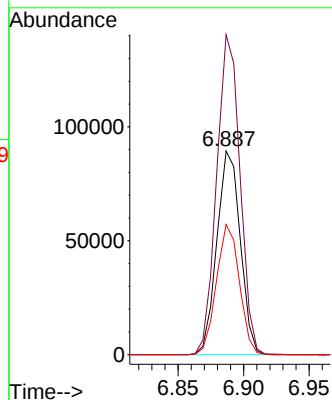
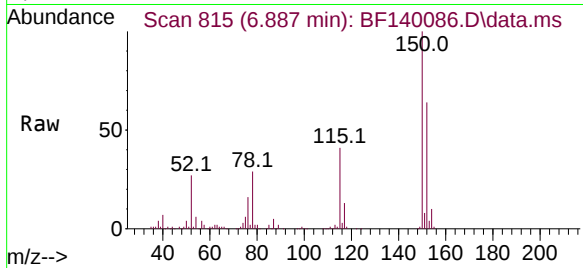




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

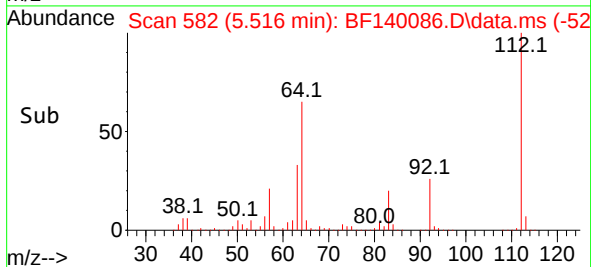
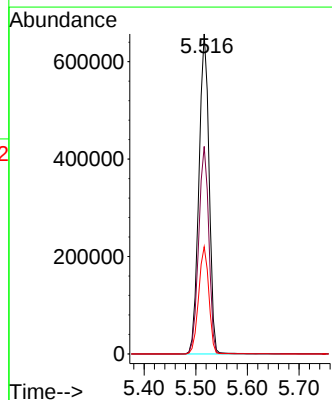
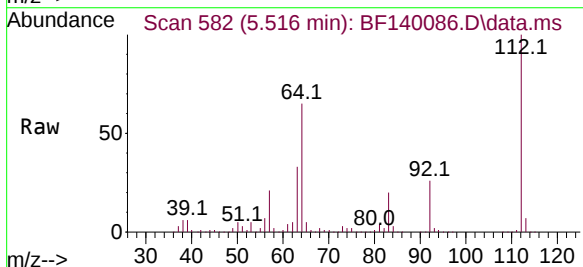
Instrument :
BNA_F
ClientSampleId :
WC-1

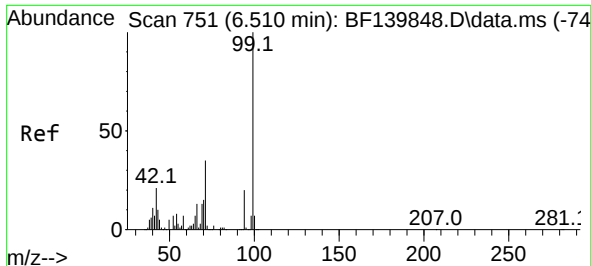
Tgt Ion:152 Resp: 110919
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 126.697 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

Tgt Ion:112 Resp: 897681
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.5 27.0 40.4





#7
Phenol-d6
Concen: 115.445 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

Instrument :

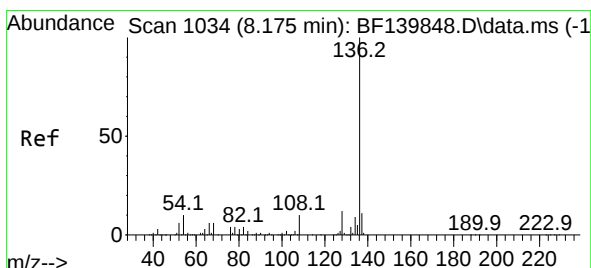
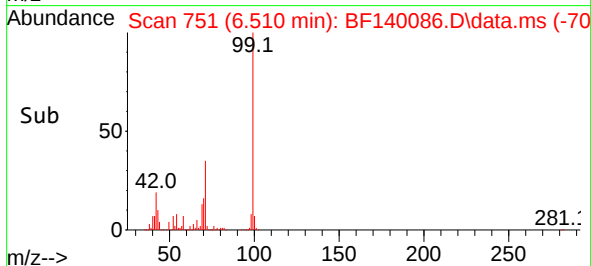
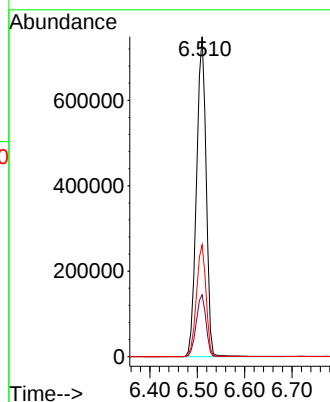
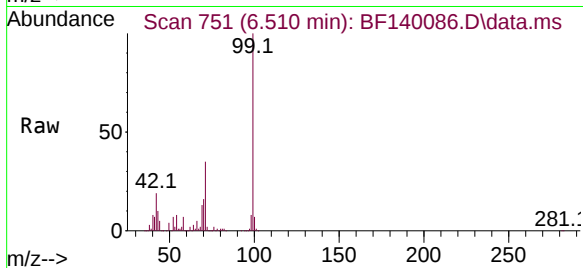
BNA_F

ClientSampleId :

WC-1

Tgt Ion: 99 Resp: 1059392

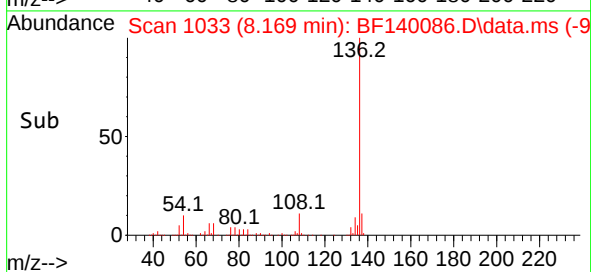
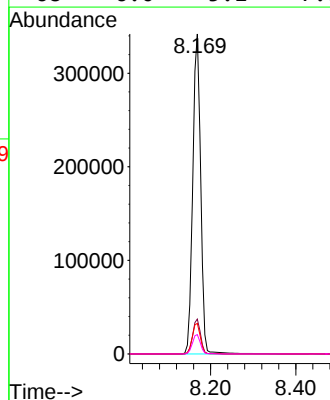
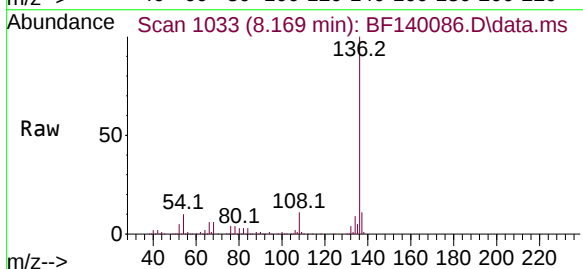
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.7	25.1
71	34.9	27.7	41.5

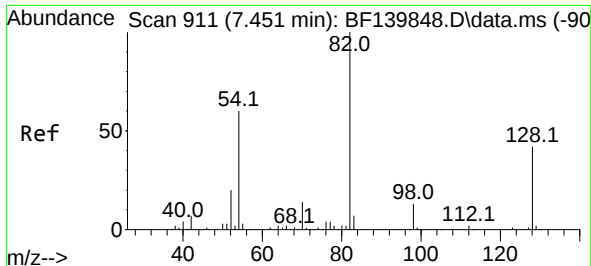


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

Tgt Ion:136 Resp: 439693

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.0	5.1	7.7

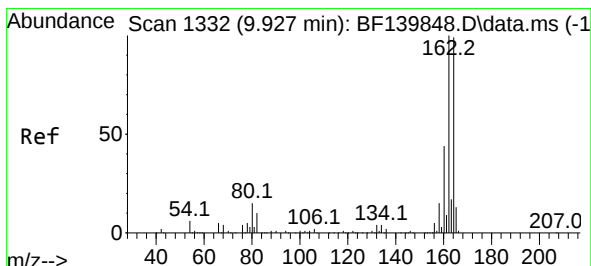
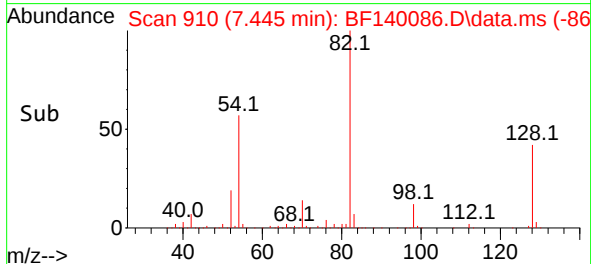
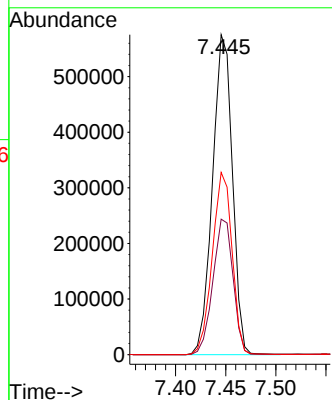
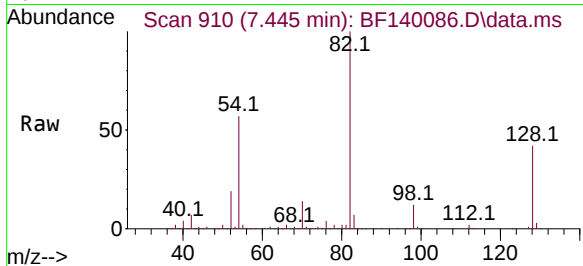




#23
Nitrobenzene-d5
Concen: 100.198 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

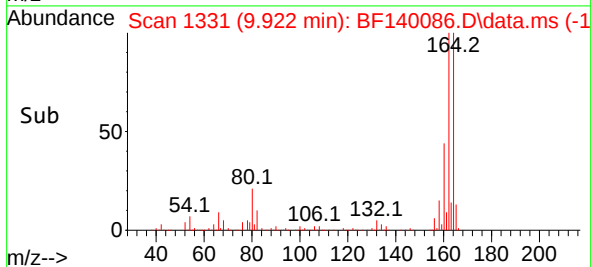
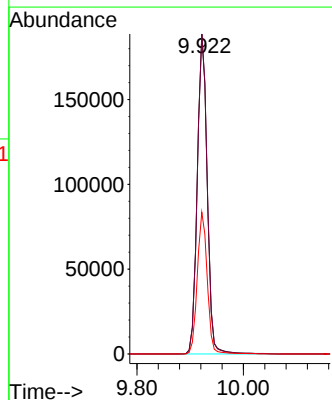
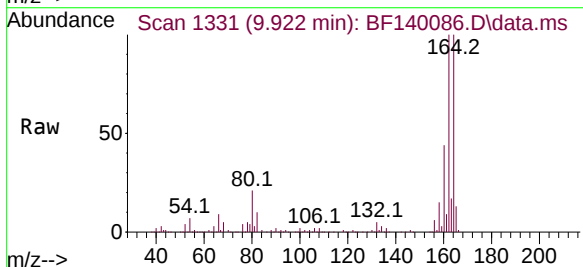
Instrument :
BNA_F
ClientSampleId :
WC-1

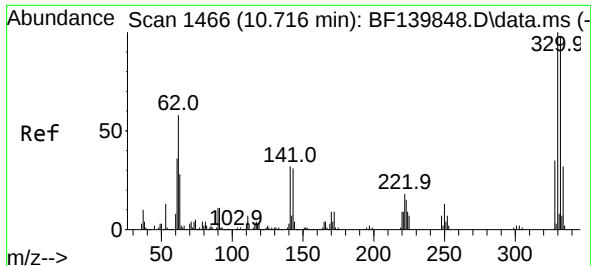
Tgt Ion: 82 Resp: 794903
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 56.9 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

Tgt Ion:164 Resp: 243777
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 155.630 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140086.D

Acq: 28 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

WC-1

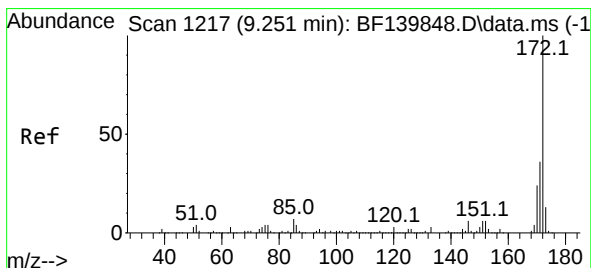
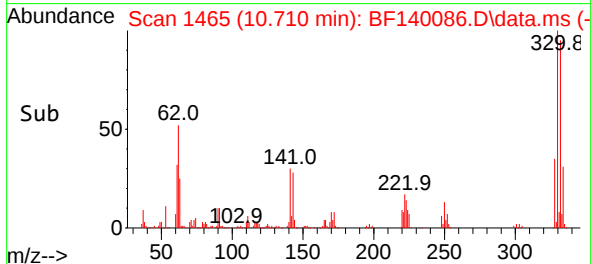
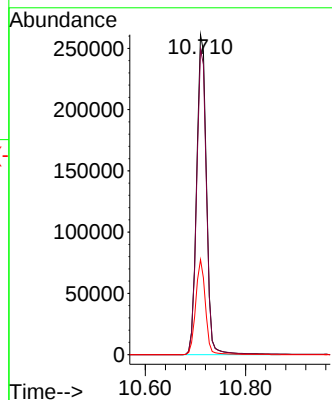
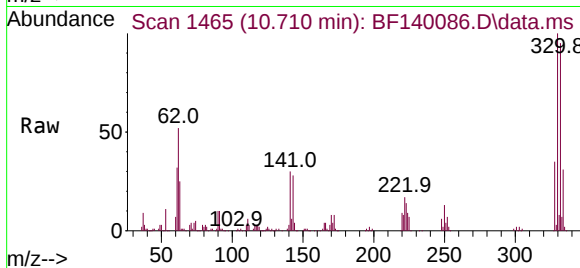
Tgt Ion:330 Resp: 354870

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 29.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 97.002 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140086.D

Acq: 28 Oct 2024 14:47

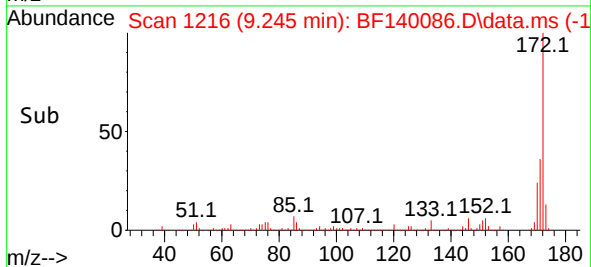
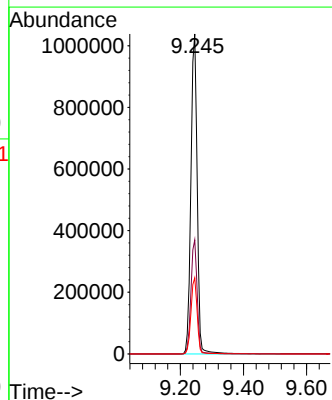
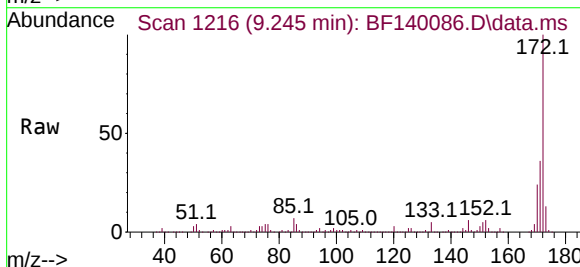
Tgt Ion:172 Resp: 1430805

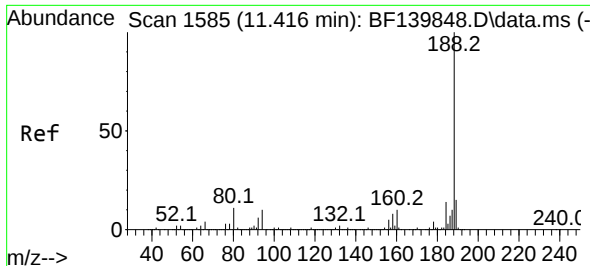
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7

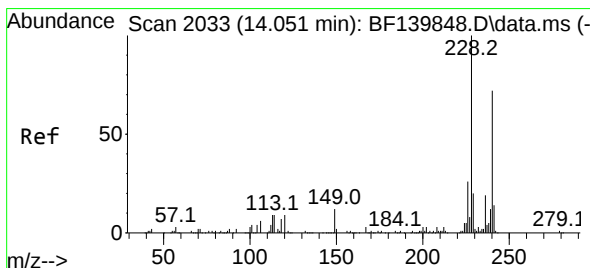
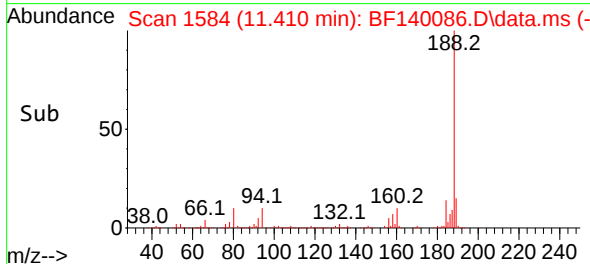
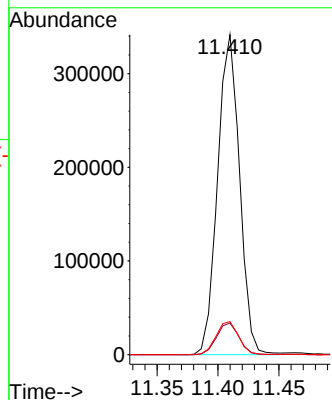
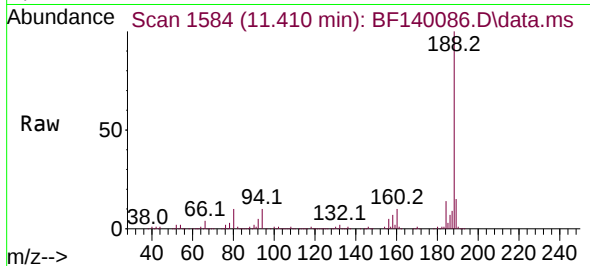




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

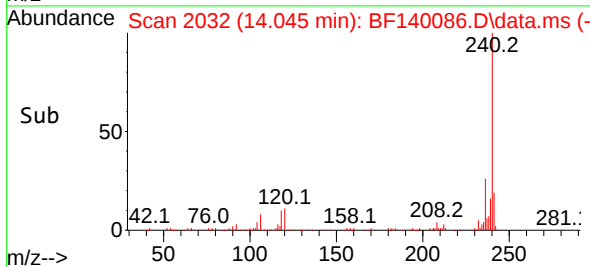
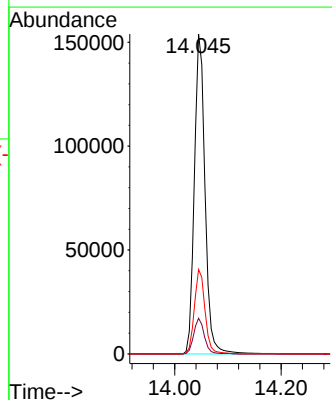
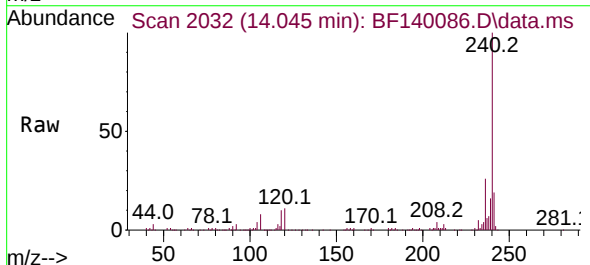
Instrument :
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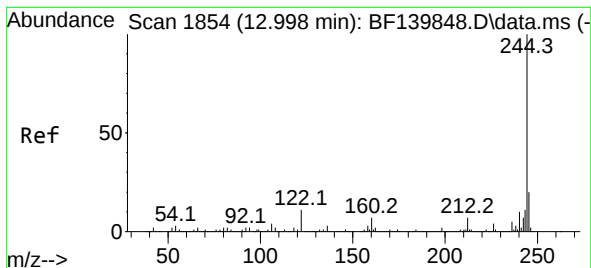
Tgt Ion:188 Resp: 428643
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140086.D
Acq: 28 Oct 2024 14:47

Tgt Ion:240 Resp: 214541
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 107.318 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140086.D

Acq: 28 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

WC-1

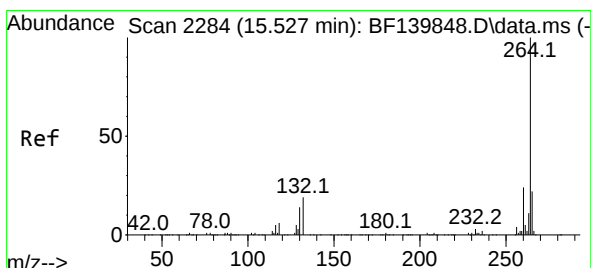
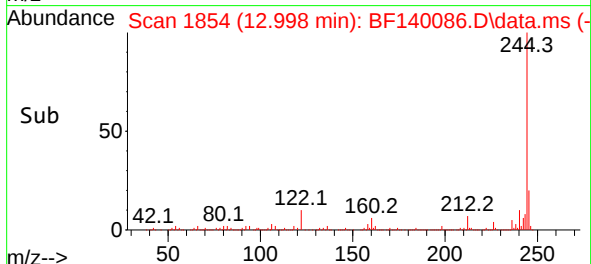
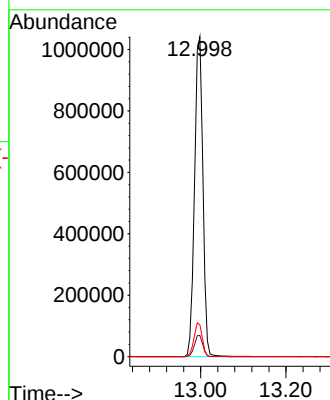
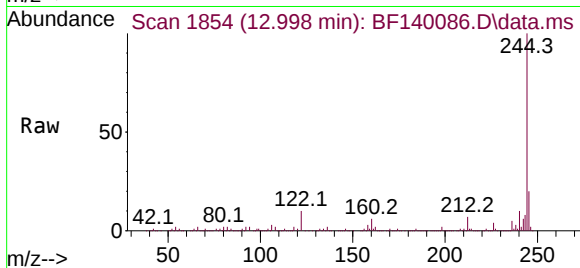
Tgt Ion:244 Resp: 1412968

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 9.9 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: BF140086.D

Acq: 28 Oct 2024 14:47

Tgt Ion:264 Resp: 247245

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.1 17.4 26.0

