

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140087.D
 Acq On : 28 Oct 2024 15:15
 Operator : RC/JU
 Sample : P4567-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 28 15:38:51 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	119936	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	464995	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	262804	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	468622	20.000	ng	0.00
76) Chrysene-d12	14.045	240	233916	20.000	ng	0.00
86) Perylene-d12	15.527	264	268349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	931176	121.544	ng	0.02
7) Phenol-d6	6.510	99	1092152	110.068	ng	0.00
23) Nitrobenzene-d5	7.445	82	835058	99.532	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	373927	152.115	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1500651	94.372	ng	0.00
79) Terphenyl-d14	12.998	244	1586618	110.525	ng	0.00

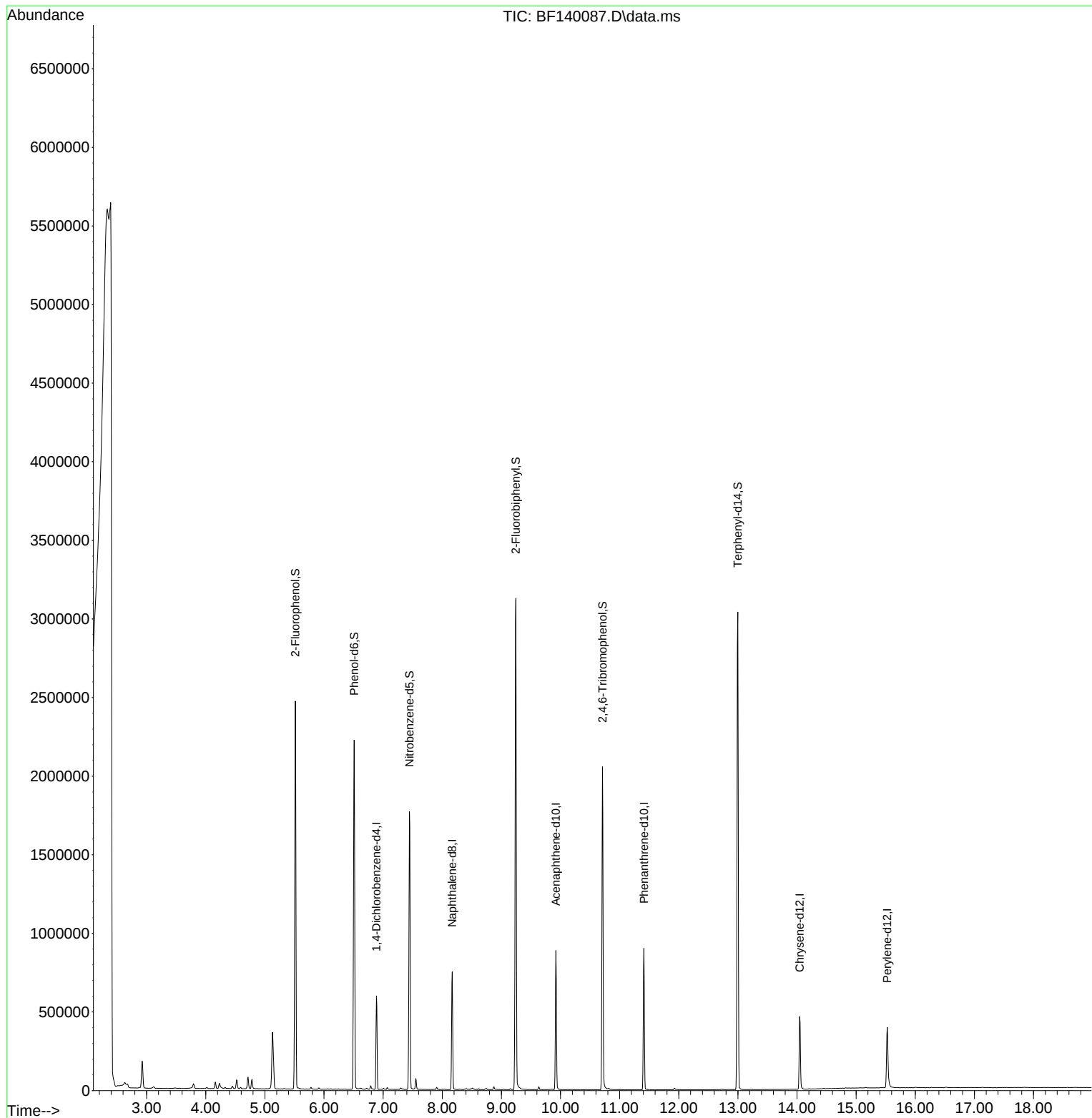
Target Compounds	Qvalue

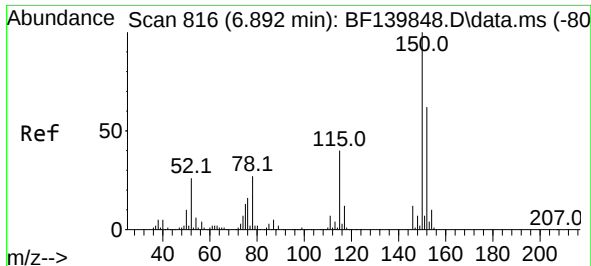
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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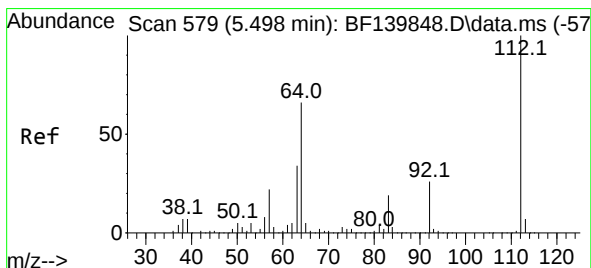
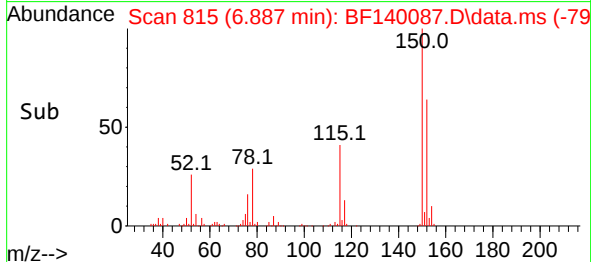
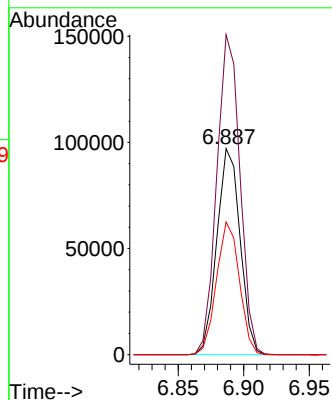
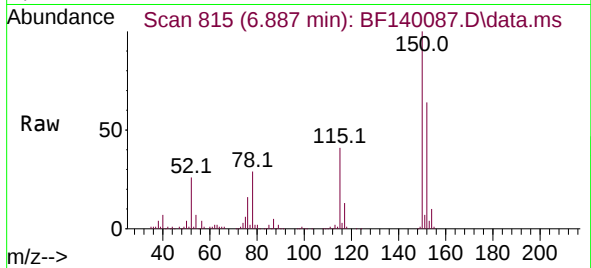




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

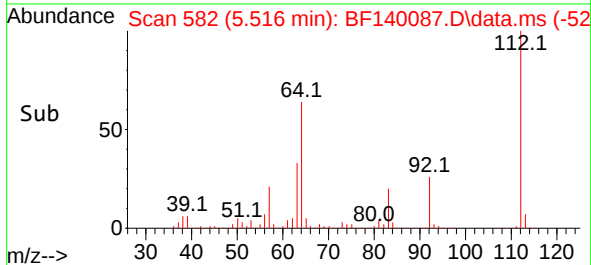
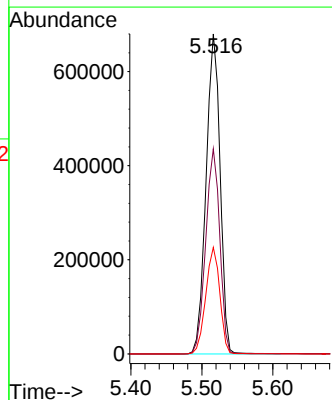
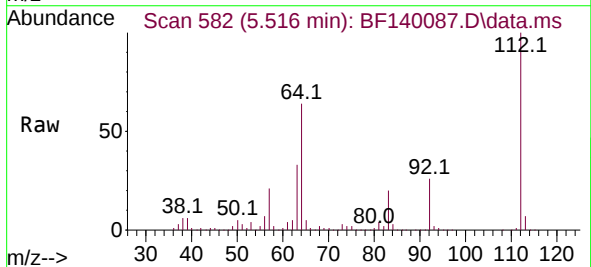
Instrument :
BNA_F
ClientSampleId :
WC-2

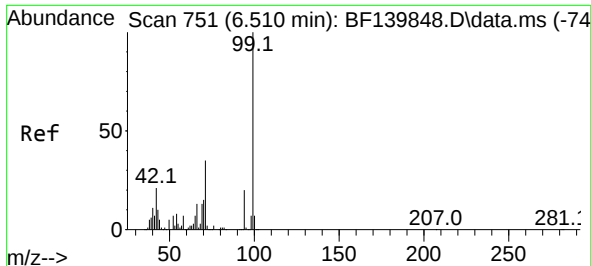
Tgt Ion:152 Resp: 119936
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 121.544 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Tgt Ion:112 Resp: 931176
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 33.3 27.0 40.4





#7

Phenol-d6

Concen: 110.068 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140087.D

Acq: 28 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

WC-2

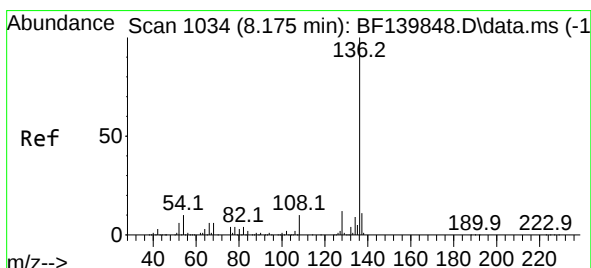
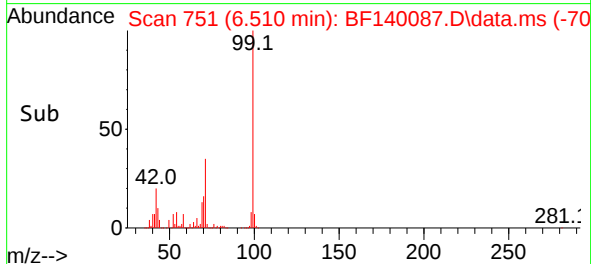
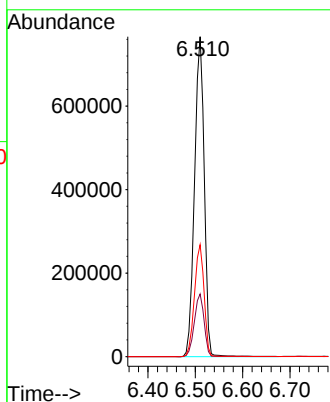
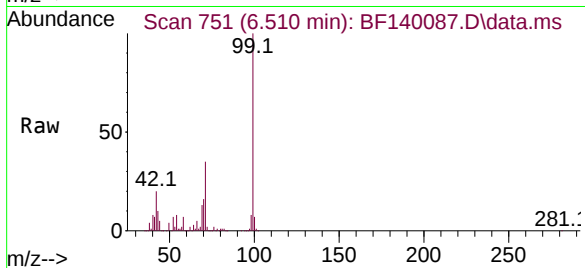
Tgt Ion: 99 Resp: 1092152

Ion Ratio Lower Upper

99 100

42 19.6 16.7 25.1

71 35.0 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: BF140087.D

Acq: 28 Oct 2024 15:15

Tgt Ion: 136 Resp: 464995

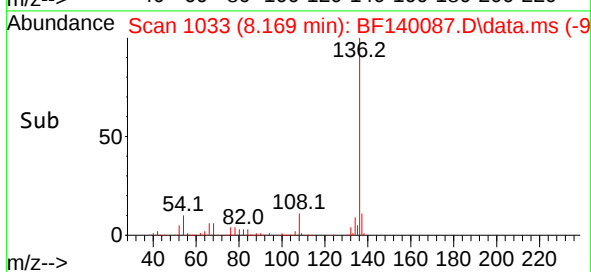
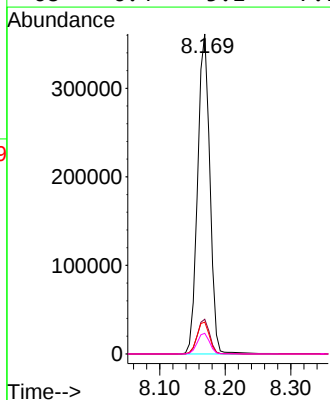
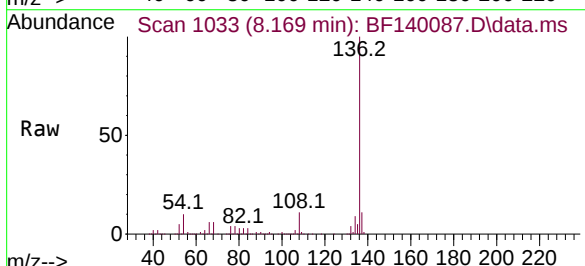
Ion Ratio Lower Upper

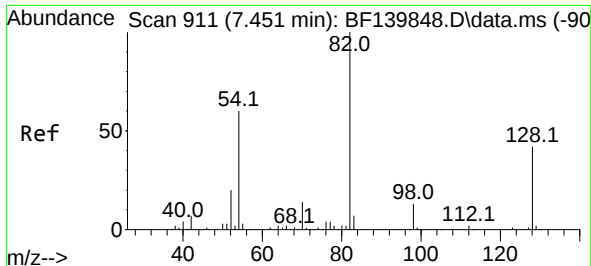
136 100

137 10.8 8.6 12.8

54 9.9 8.4 12.6

68 6.4 5.1 7.7

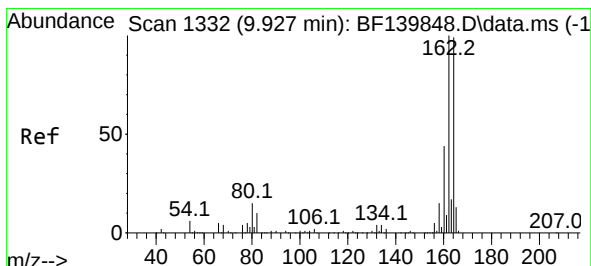
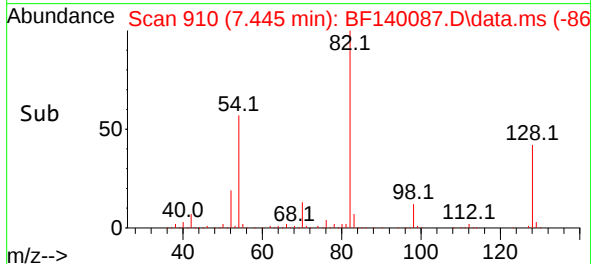
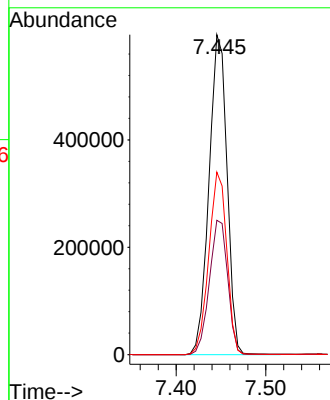
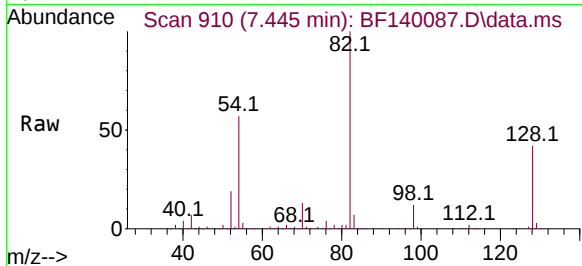




#23
 Nitrobenzene-d5
 Concen: 99.532 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140087.D
 Acq: 28 Oct 2024 15:15

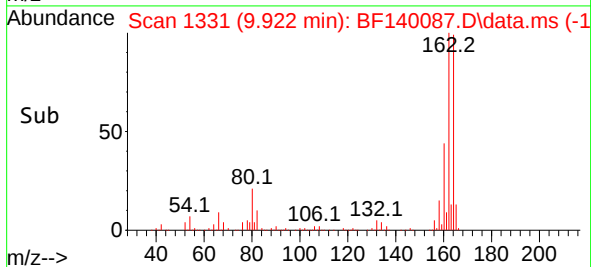
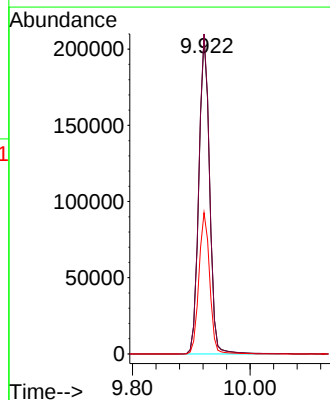
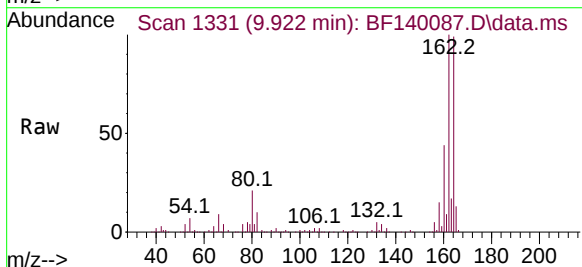
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

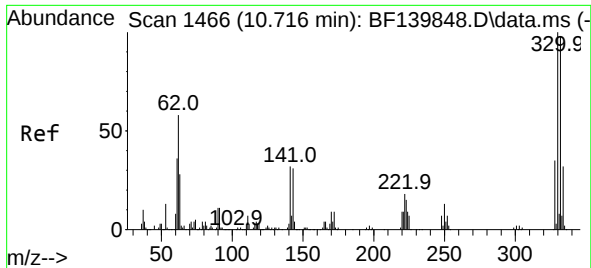
Tgt Ion: 82 Resp: 835058
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.4 50.0
 54 57.0 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140087.D
 Acq: 28 Oct 2024 15:15

Tgt Ion:164 Resp: 262804
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.0 121.4
 160 44.6 35.4 53.0

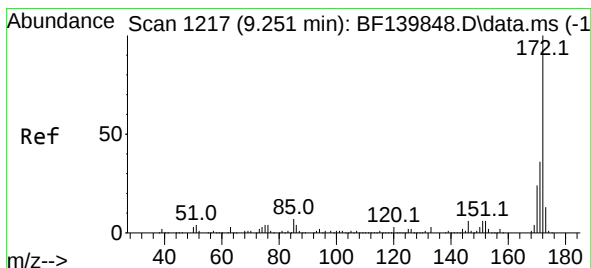
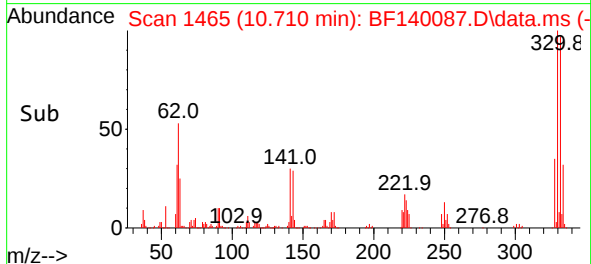
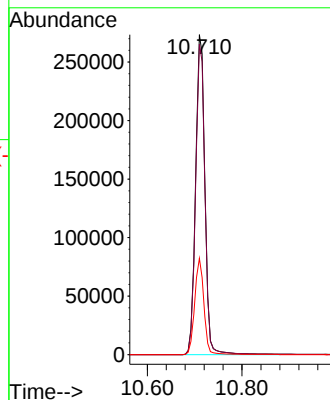
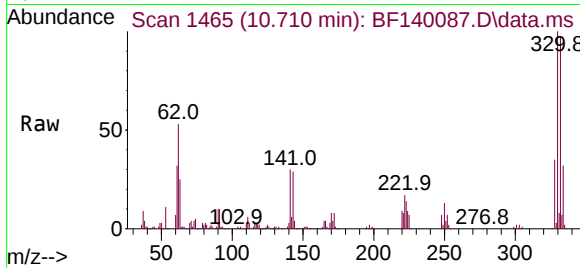




#42
2,4,6-Tribromophenol
Concen: 152.115 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

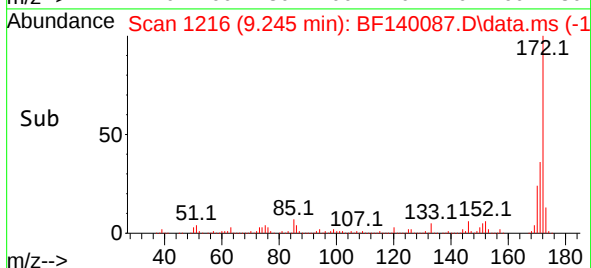
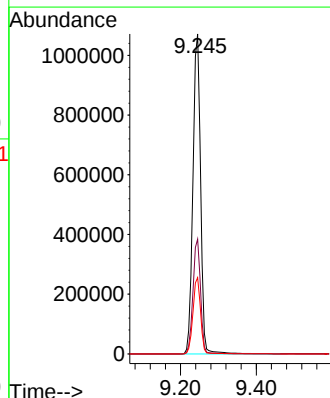
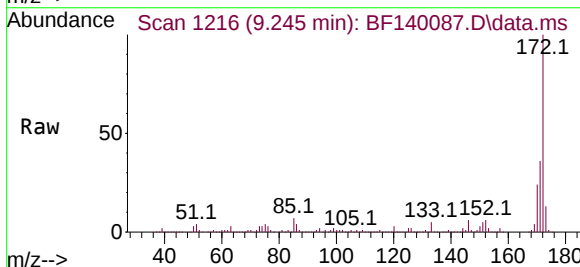
Instrument :
BNA_F
ClientSampleId :
WC-2

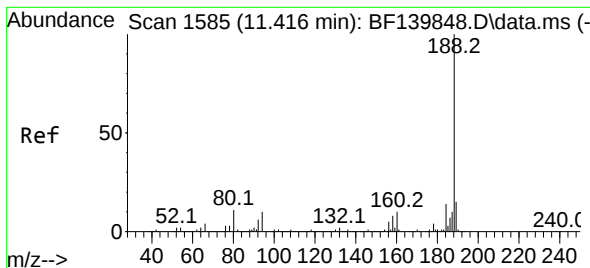
Tgt Ion:330 Resp: 373927
Ion Ratio Lower Upper
330 100
332 97.1 78.1 117.1
141 29.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 94.372 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Tgt Ion:172 Resp: 1500651
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF140087.D

Acq: 28 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

WC-2

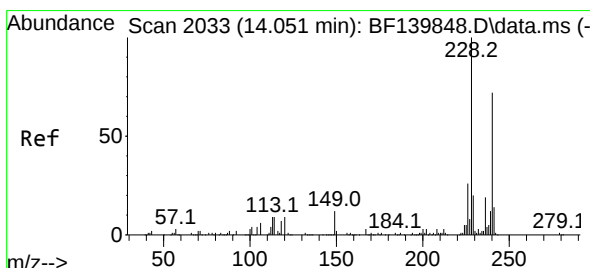
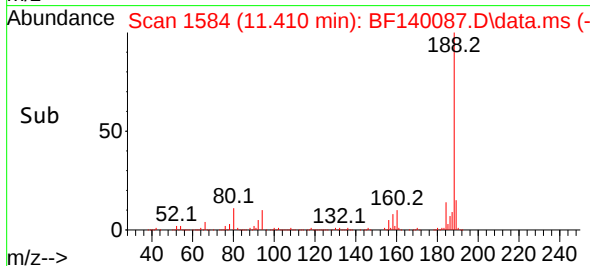
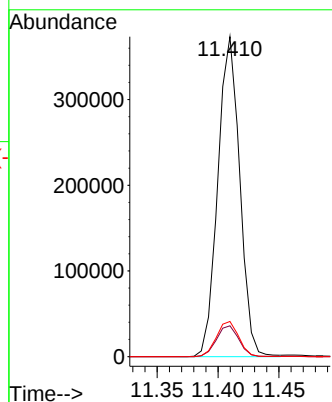
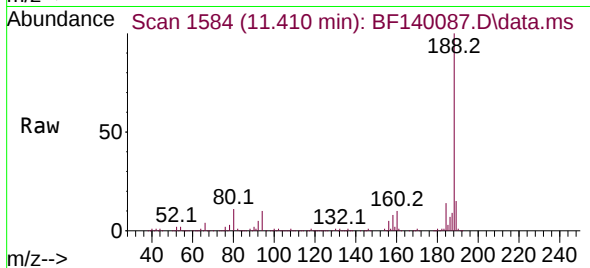
Tgt Ion:188 Resp: 468622

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 11.0 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: BF140087.D

Acq: 28 Oct 2024 15:15

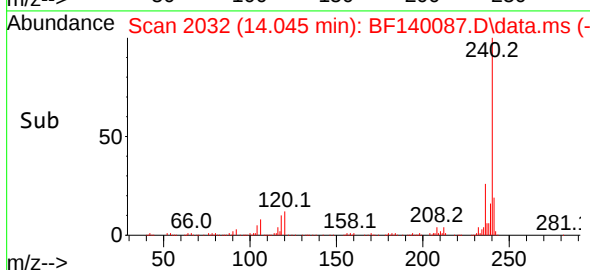
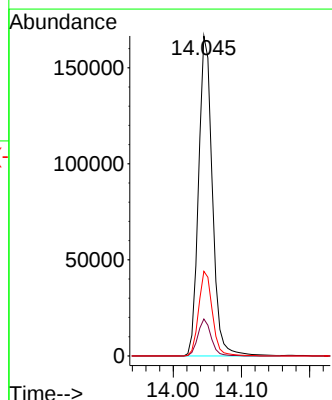
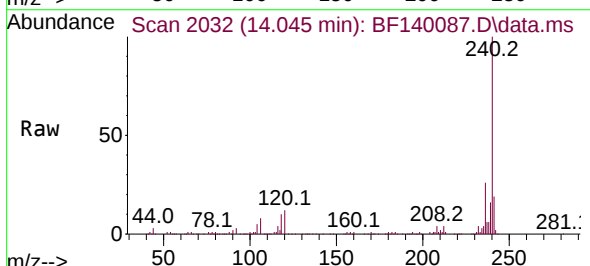
Tgt Ion:240 Resp: 233916

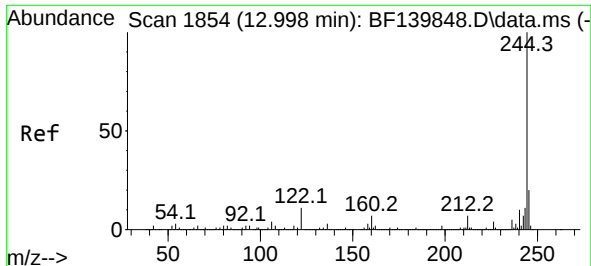
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 26.4 20.9 31.3

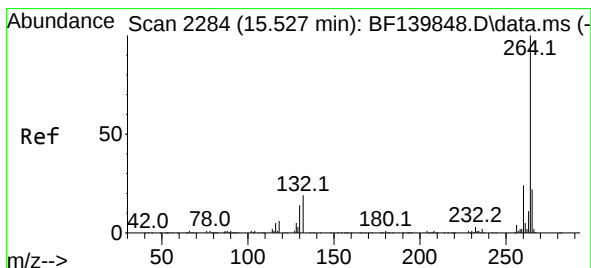
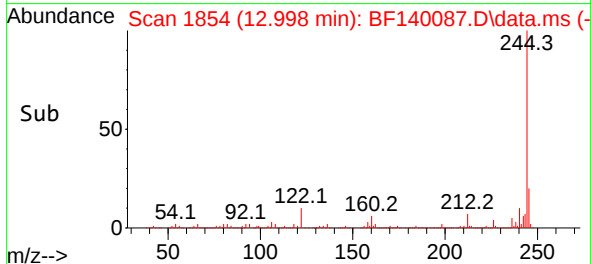
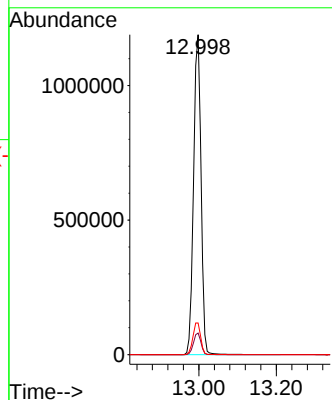
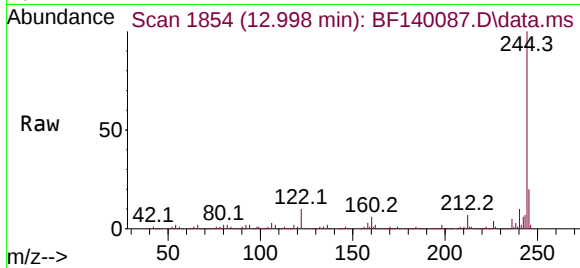




#79
 Terphenyl-d14
 Concen: 110.525 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140087.D
 Acq: 28 Oct 2024 15:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1586618
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF140087.D
 Acq: 28 Oct 2024 15:15

Tgt Ion:264 Resp: 268349
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.5 17.4 26.0

