

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140080.D
 Acq On : 28 Oct 2024 11:59
 Operator : RC/JU
 Sample : P4547-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-21

Quant Time: Oct 28 12:24:35 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	103291	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	399133	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	225640	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	384007	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191608	20.000	ng	0.00
86) Perylene-d12	15.527	264	237181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	910763	138.036	ng	0.02
7) Phenol-d6	6.510	99	1125313	131.685	ng	0.00
23) Nitrobenzene-d5	7.445	82	750343	104.193	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	344840	163.387	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1329630	97.389	ng	0.00
79) Terphenyl-d14	12.998	244	1270531	108.049	ng	0.00

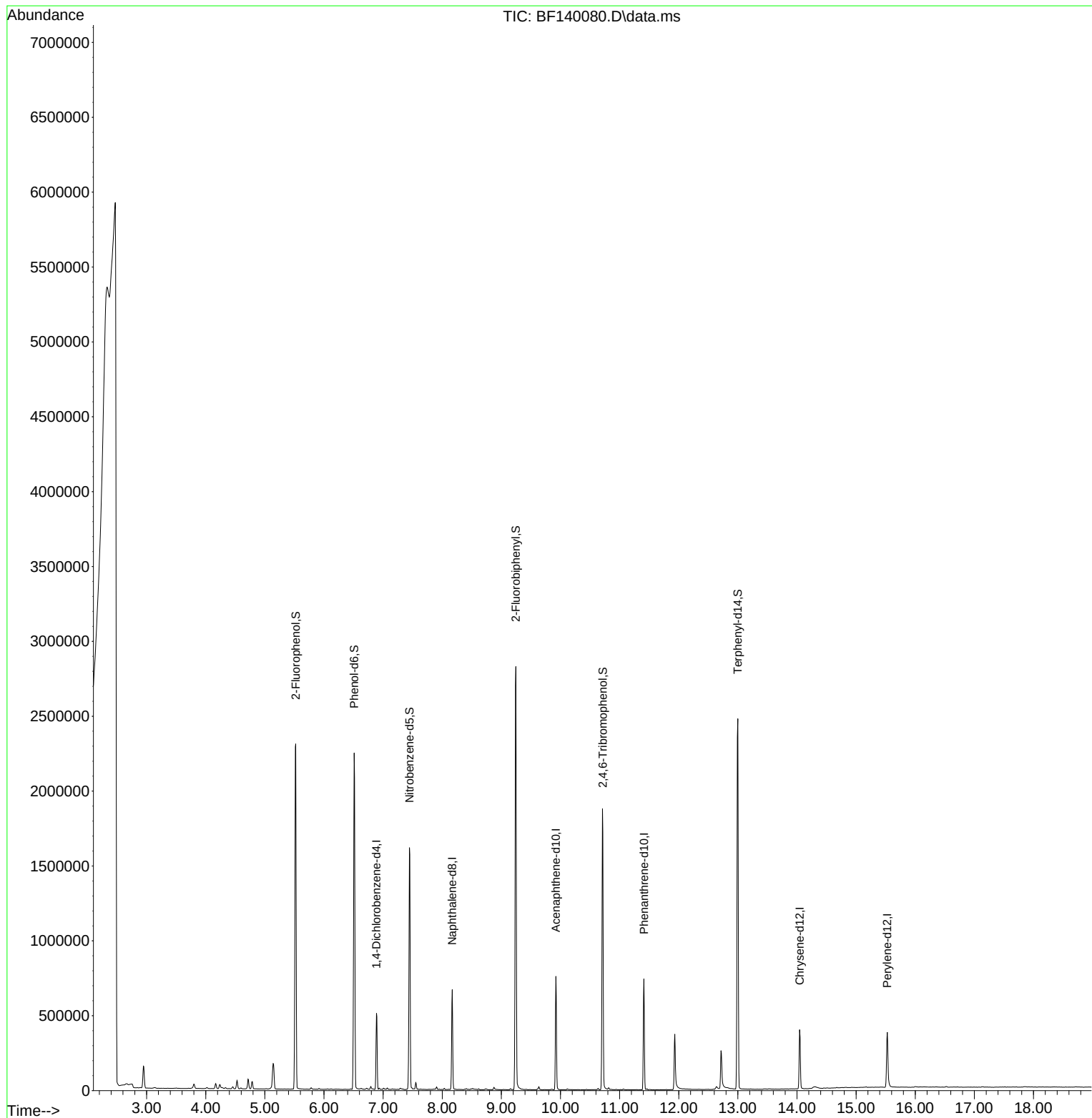
Target Compounds	Qvalue

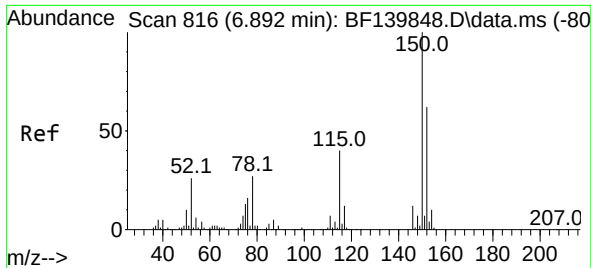
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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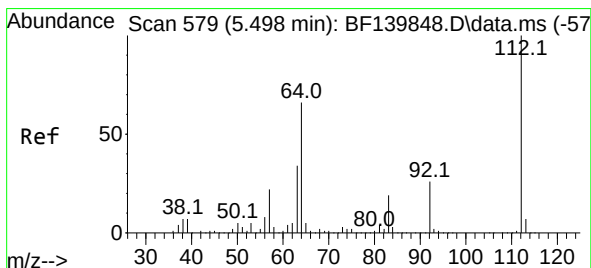
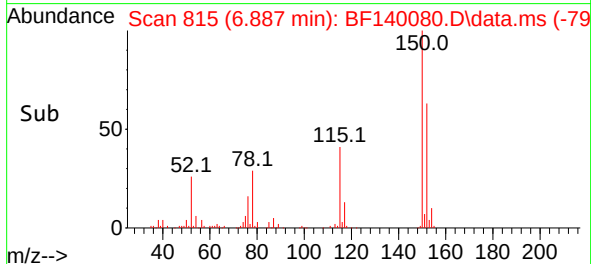
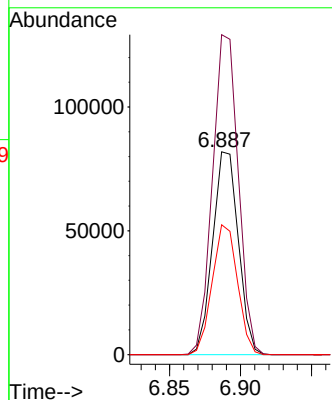
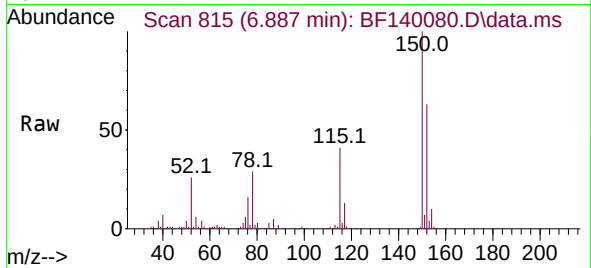




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

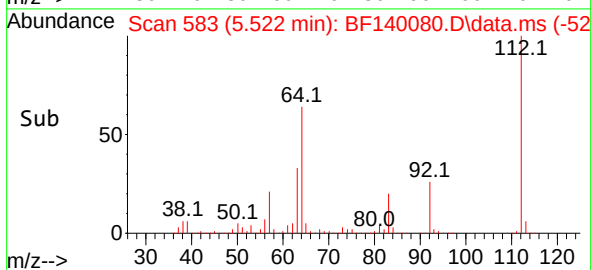
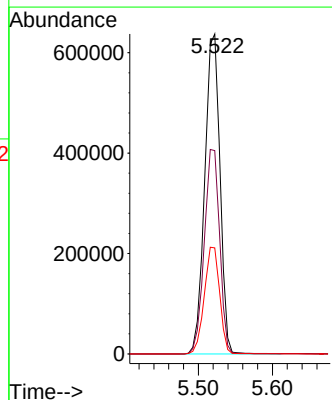
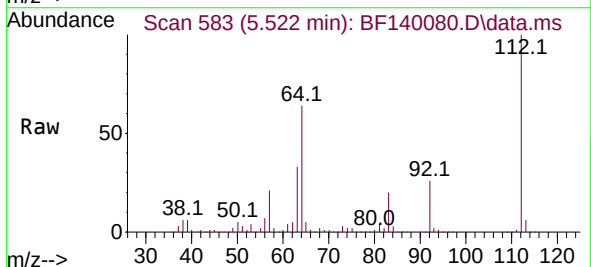
Instrument :
BNA_F
ClientSampleId :
BP-F-21

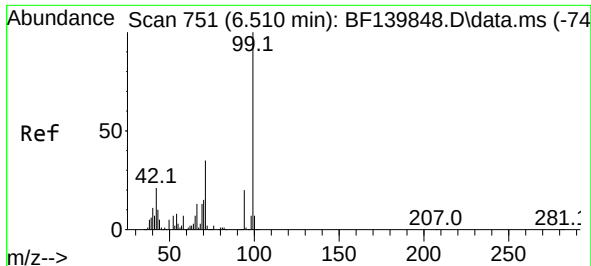
Tgt Ion:152 Resp: 103291
Ion Ratio Lower Upper
152 100
150 157.7 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 138.036 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:112 Resp: 910763
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 33.1 27.0 40.4





#7
Phenol-d6
Concen: 131.685 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

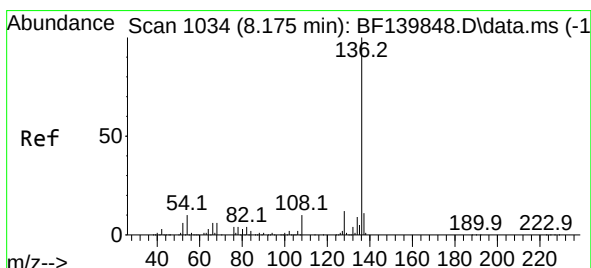
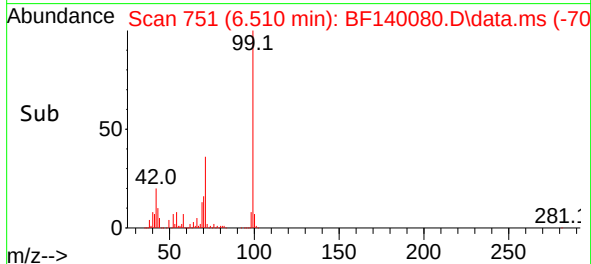
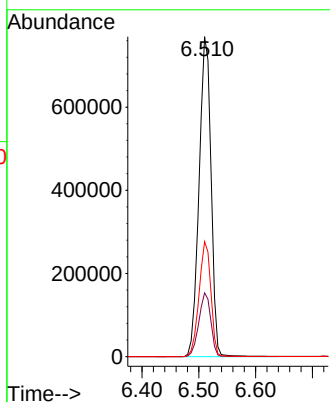
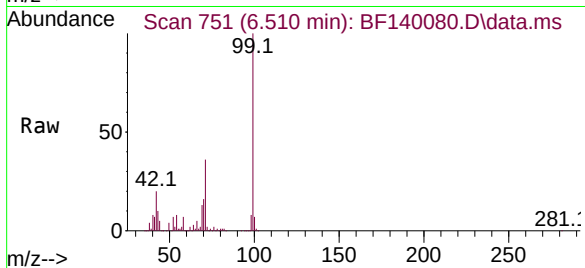
Instrument :

BNA_F

ClientSampleId :

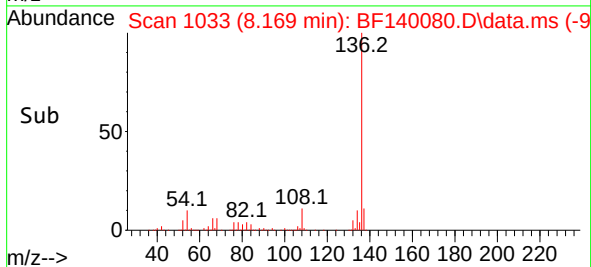
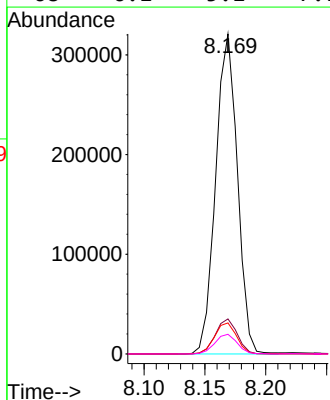
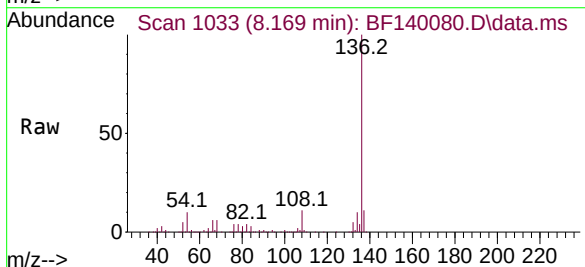
BP-F-21

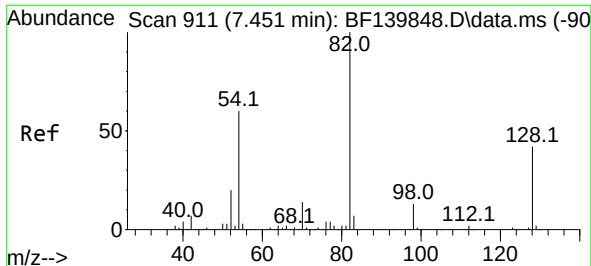
Tgt Ion: 99 Resp: 1125313
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 35.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:136 Resp: 399133
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.1 5.1 7.7

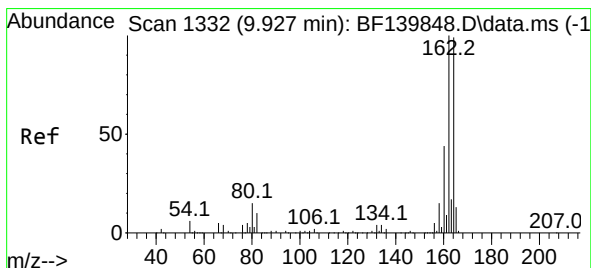
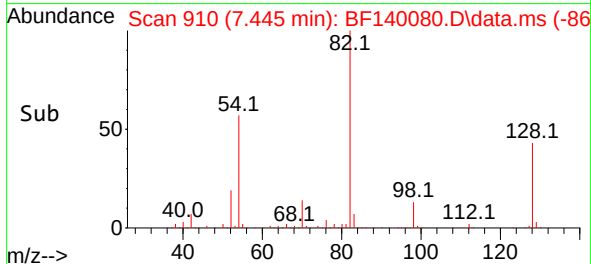
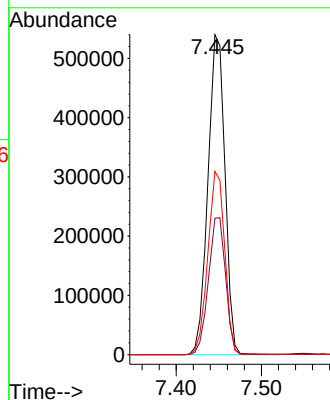
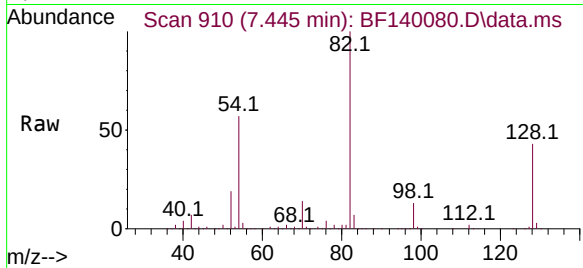




#23
Nitrobenzene-d5
Concen: 104.193 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

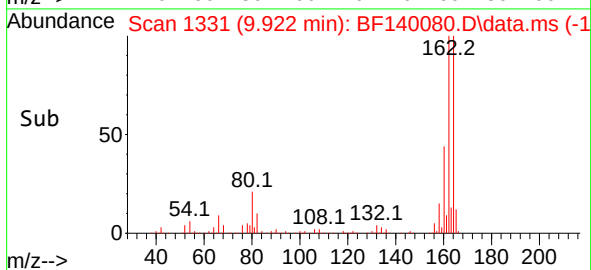
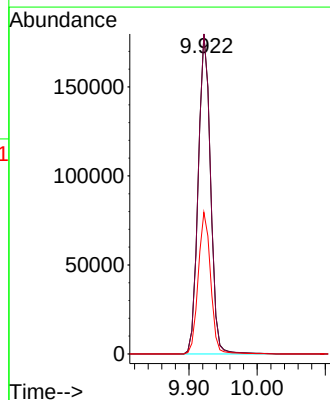
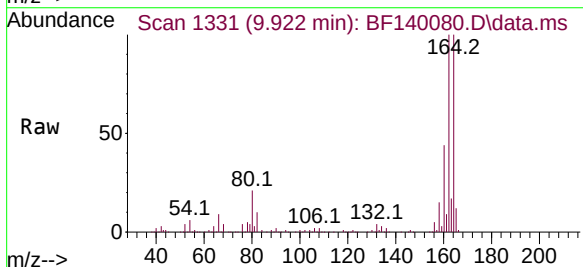
Instrument :
BNA_F
ClientSampleId :
BP-F-21

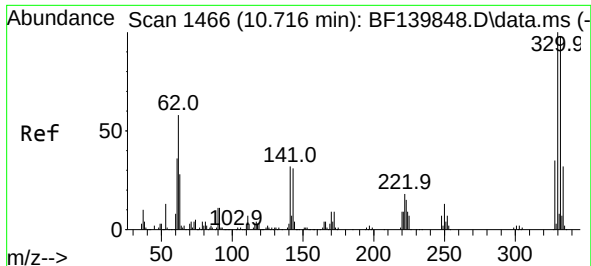
Tgt Ion: 82 Resp: 750343
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.0
54 57.2 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion: 164 Resp: 225640
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 163.387 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140080.D

Acq: 28 Oct 2024 11:59

Instrument :

BNA_F

ClientSampleId :

BP-F-21

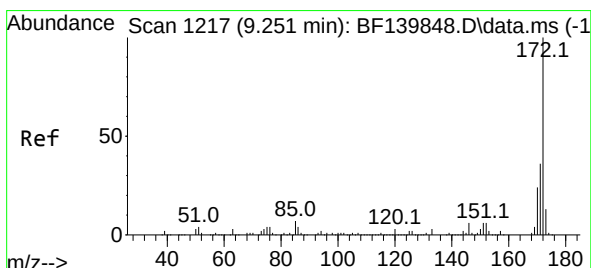
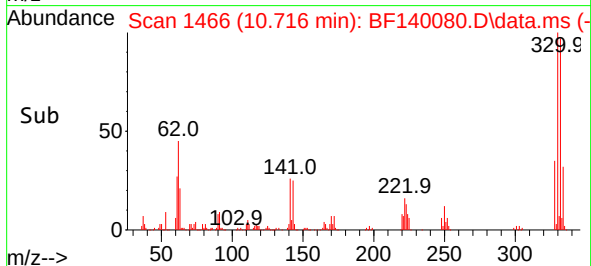
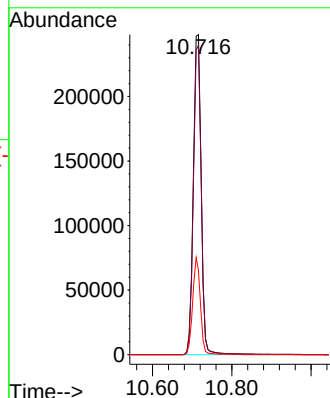
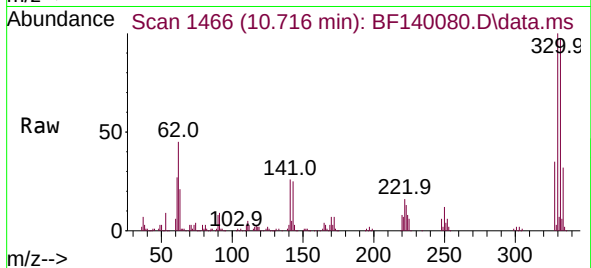
Tgt Ion:330 Resp: 344840

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 29.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 97.389 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140080.D

Acq: 28 Oct 2024 11:59

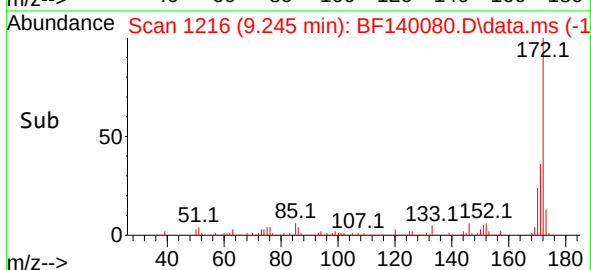
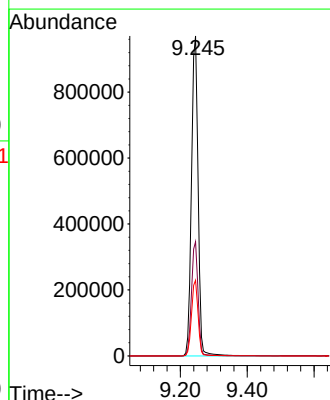
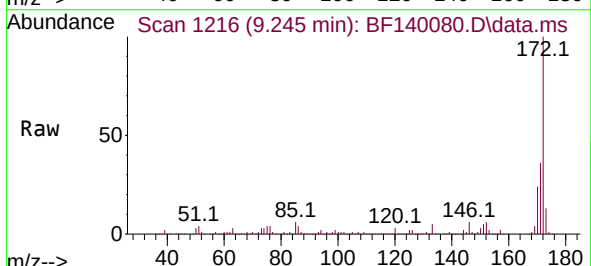
Tgt Ion:172 Resp: 1329630

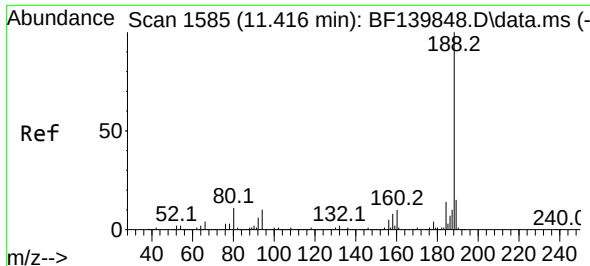
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.7 19.1 28.7

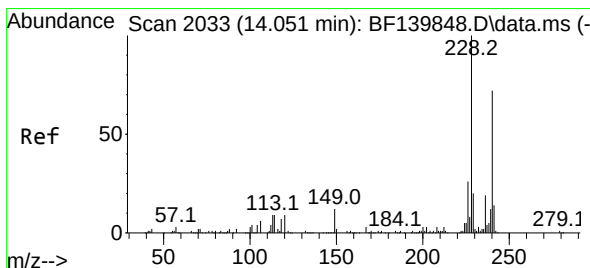
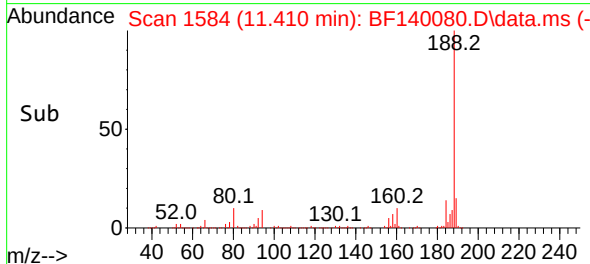
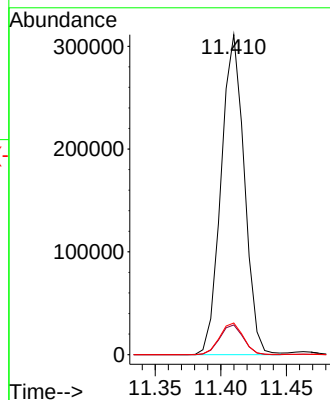
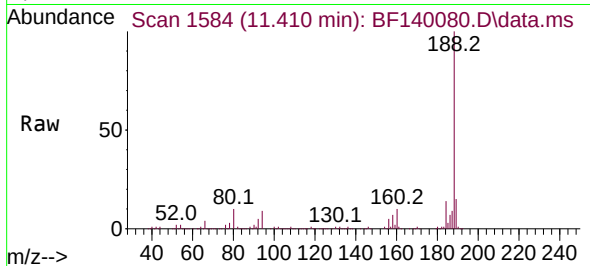




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

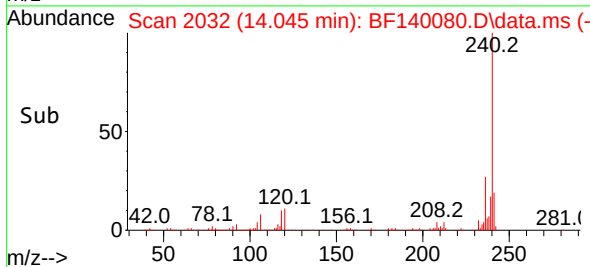
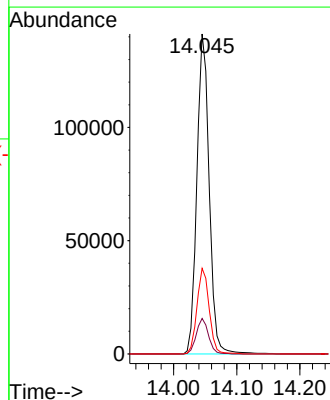
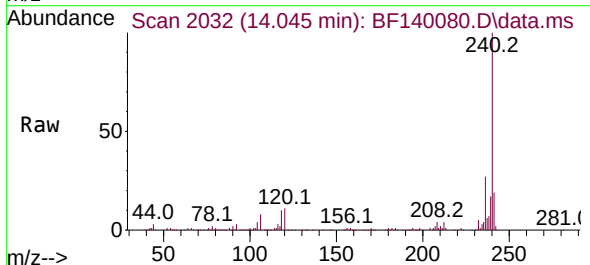
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BP-F-21

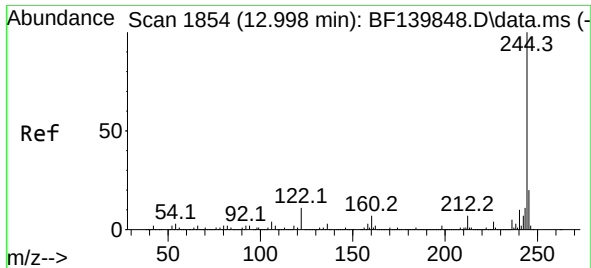
Tgt Ion:188 Resp: 384007
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:240 Resp: 191608
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.7 20.9 31.3

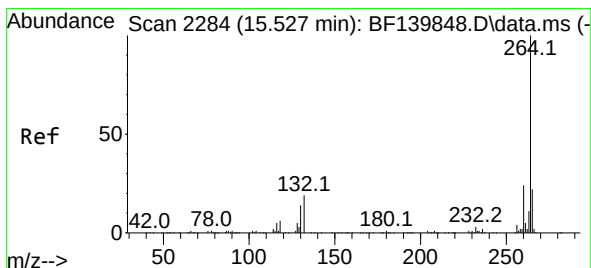
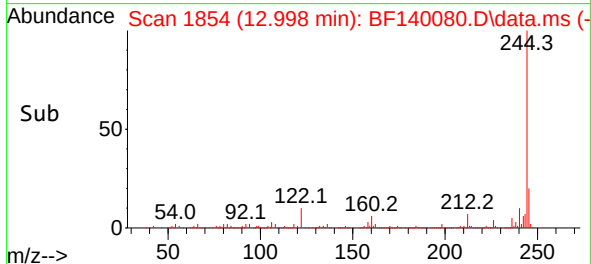
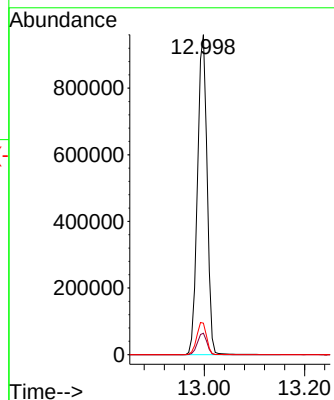
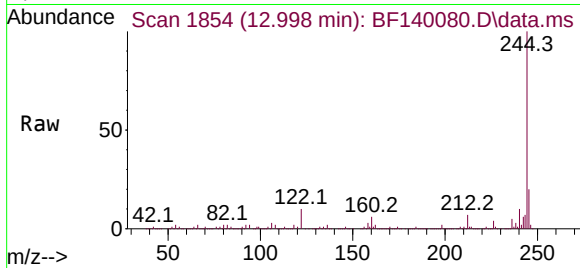




#79
Terphenyl-d14
Concen: 108.049 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Instrument :
BNA_F
ClientSampleId :
BP-F-21

Tgt Ion:244 Resp: 1270531
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.8 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: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:264 Resp: 237181
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.1 17.4 26.0

