

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140408.D
 Acq On : 15 Nov 2024 17:13
 Operator : RC/JU
 Sample : P4807-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BF-F13

Quant Time: Nov 15 18:01:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	132804	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	491622	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	262899	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	482531	20.000	ng	0.00
76) Chrysene-d12	14.057	240	256405	20.000	ng	0.00
86) Perylene-d12	15.574	264	276829	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	592833	76.217	ng	0.01
7) Phenol-d6	6.510	99	824184	78.209	ng	0.00
23) Nitrobenzene-d5	7.434	82	472284	50.053	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	192965	73.811	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	906971	55.458	ng	0.00
79) Terphenyl-d14	12.986	244	824456	55.813	ng	0.00

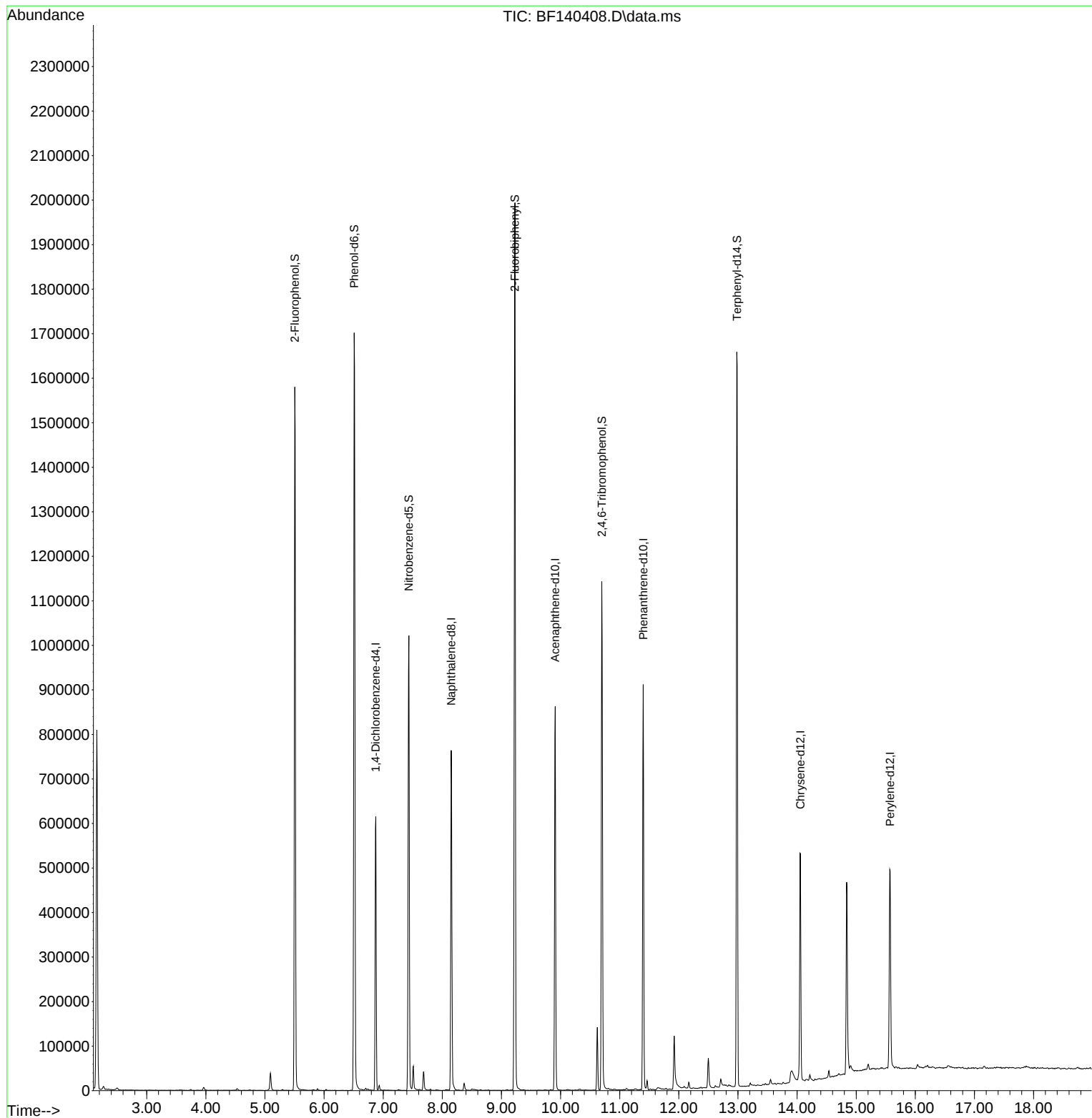
Target Compounds	Qvalue

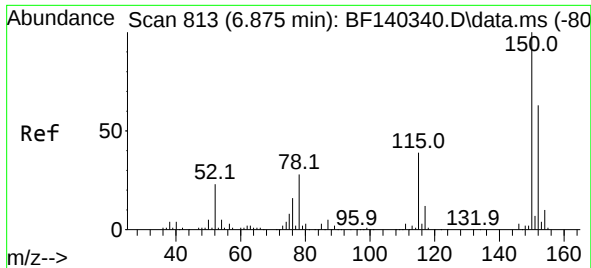
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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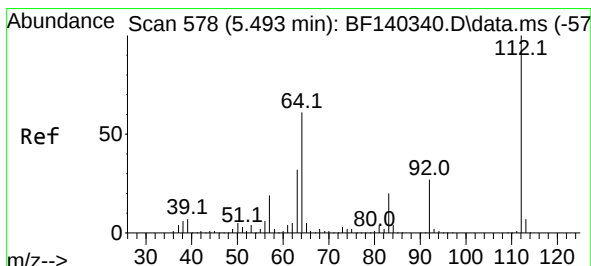
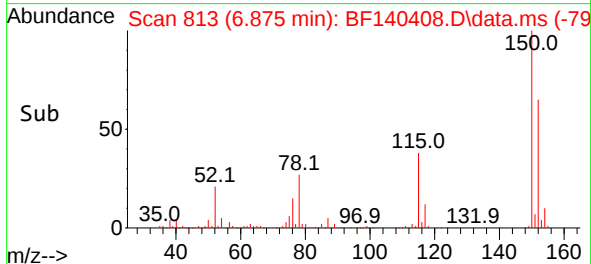
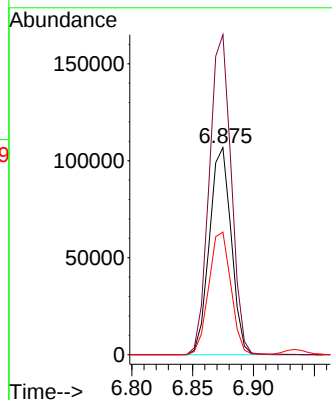
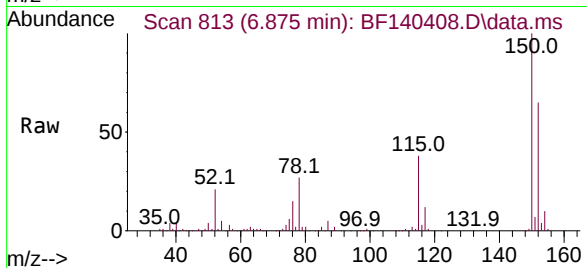




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

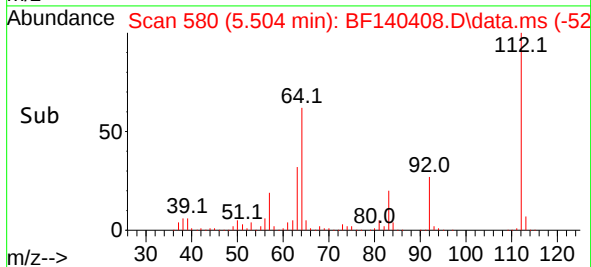
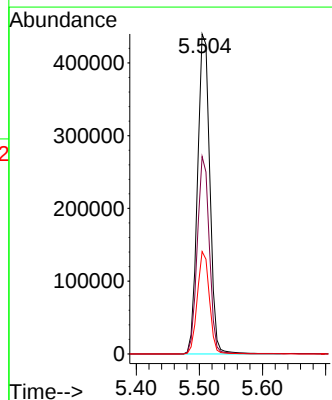
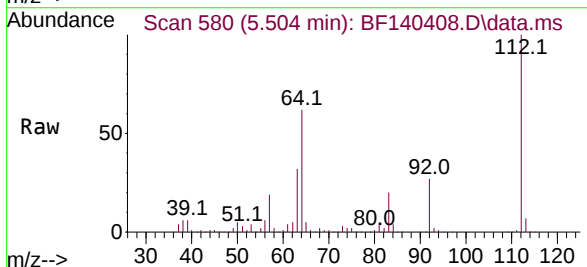
Instrument :
BNA_F
ClientSampleId :
BF-F13

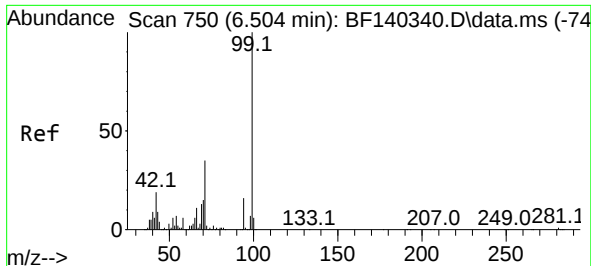
Tgt Ion:152 Resp: 132804
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 59.2 47.4 71.2



#5
2-Fluorophenol
Concen: 76.217 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

Tgt Ion:112 Resp: 592833
Ion Ratio Lower Upper
112 100
64 61.7 49.2 73.8
63 32.0 25.6 38.4

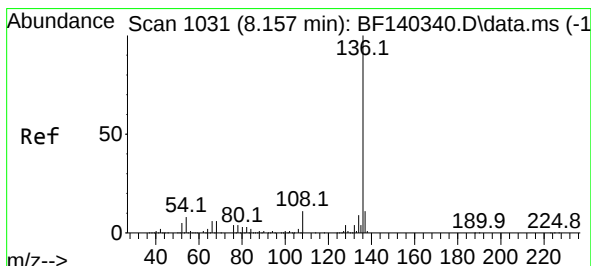
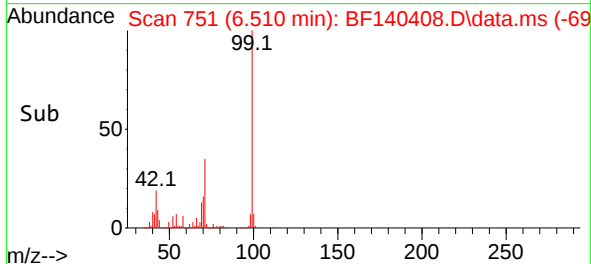
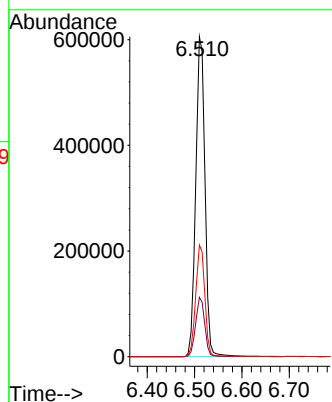
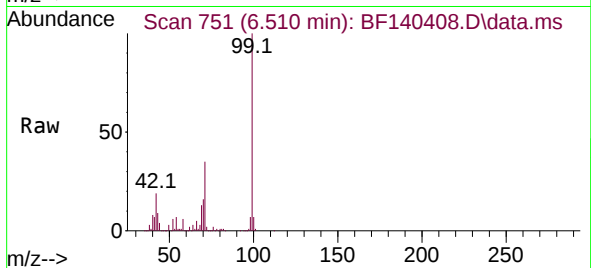




#7
Phenol-d6
Concen: 78.209 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

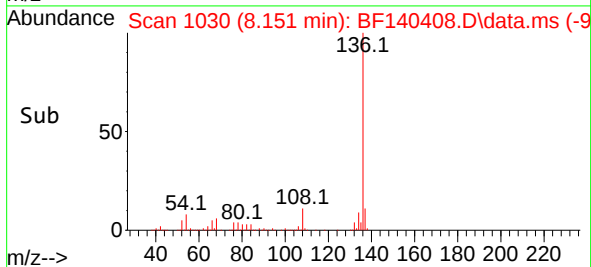
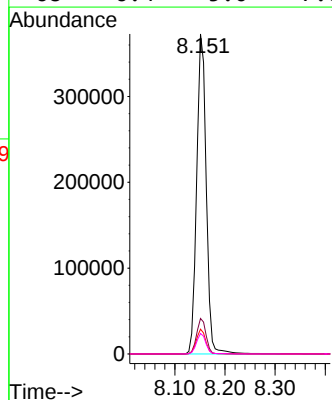
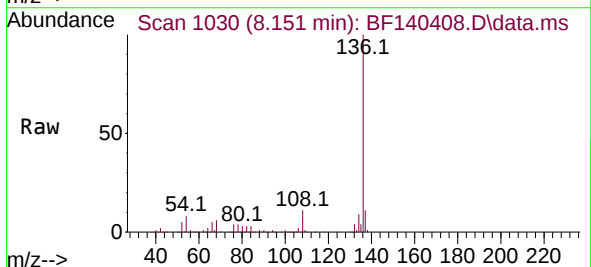
Instrument :
BNA_F
ClientSampleId :
BF-F13

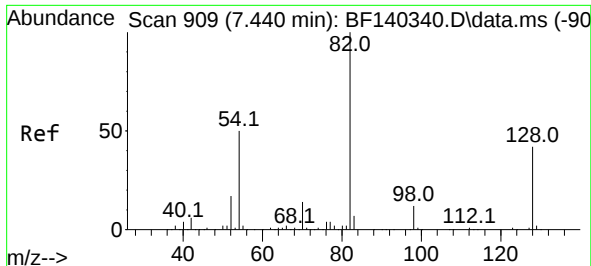
Tgt Ion: 99 Resp: 824184
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 34.9 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

Tgt Ion: 136 Resp: 491622
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.5 9.7
68 6.4 5.0 7.6

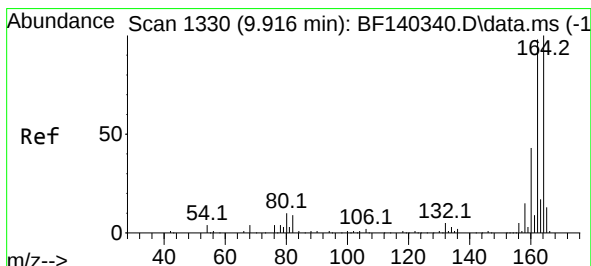
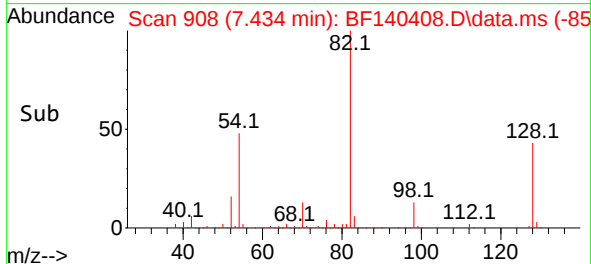
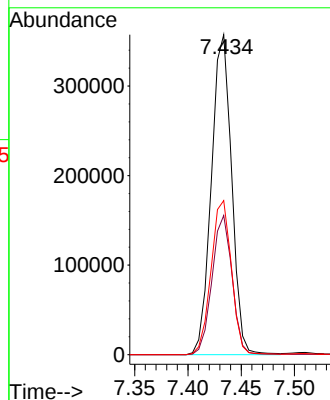
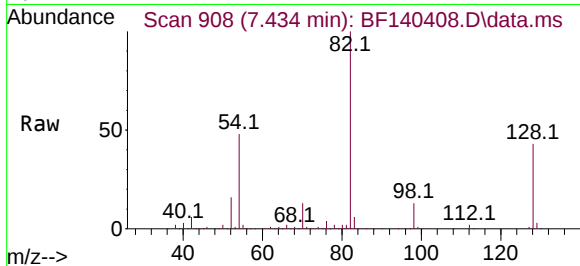




#23
Nitrobenzene-d5
Concen: 50.053 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

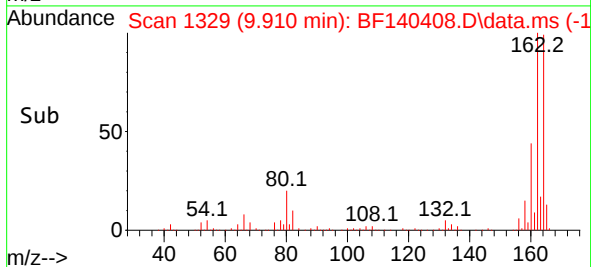
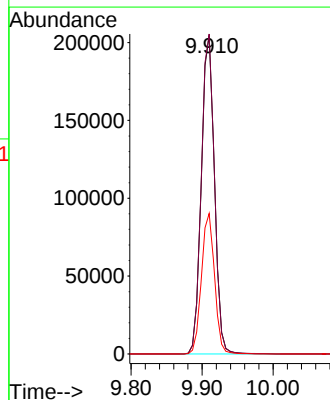
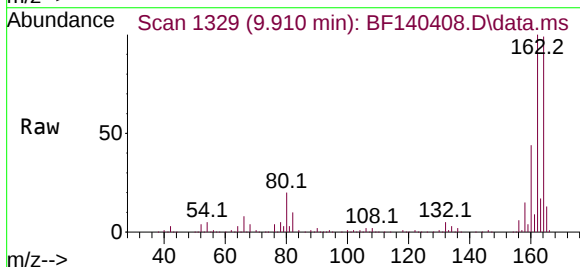
Instrument :
BNA_F
ClientSampleId :
BF-F13

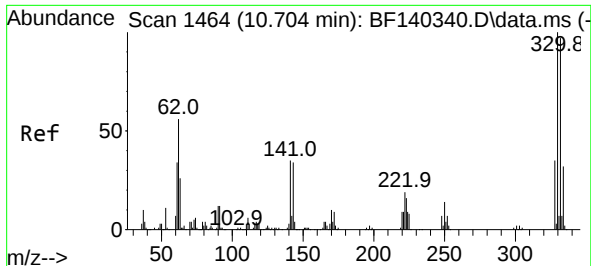
Tgt Ion: 82 Resp: 472284
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 48.2 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

Tgt Ion:164 Resp: 262899
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 73.811 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140408.D

Acq: 15 Nov 2024 17:13

Instrument :

BNA_F

ClientSampleId :

BF-F13

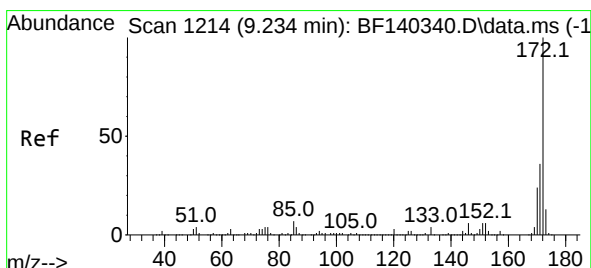
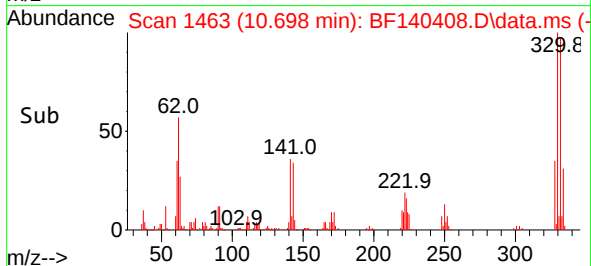
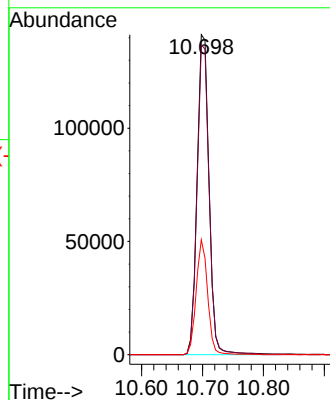
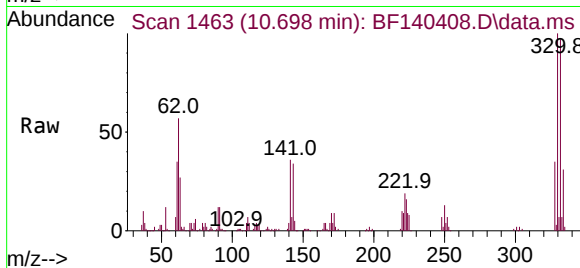
Tgt Ion:330 Resp: 192965

Ion Ratio Lower Upper

330 100

332 97.1 75.9 113.9

141 34.5 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 55.458 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140408.D

Acq: 15 Nov 2024 17:13

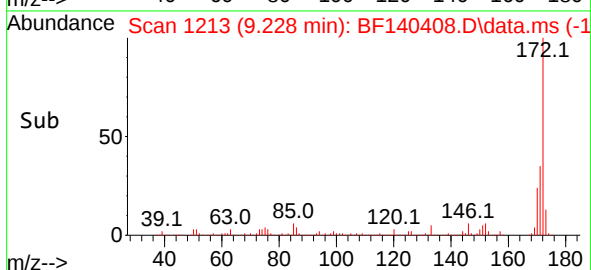
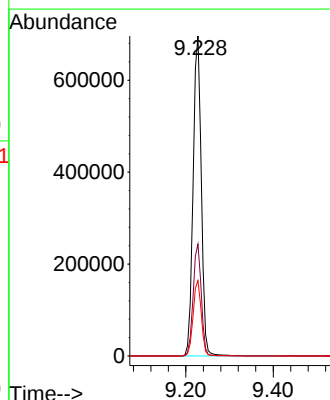
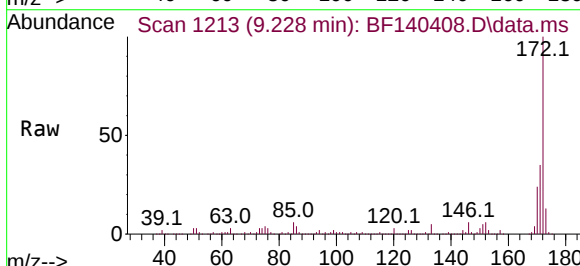
Tgt Ion:172 Resp: 906971

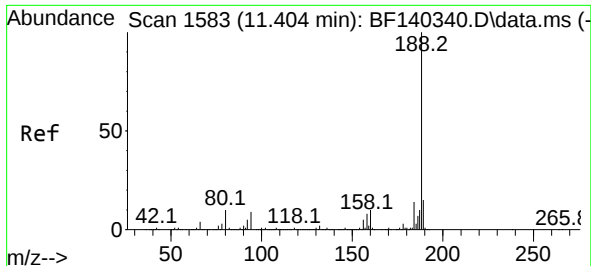
Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

170 23.6 19.1 28.7

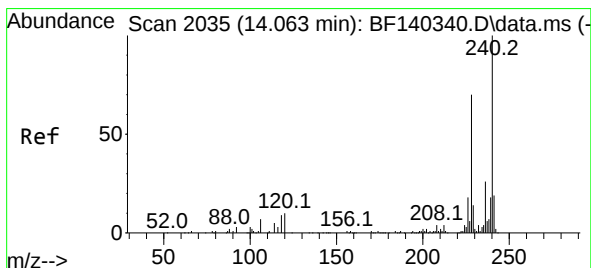
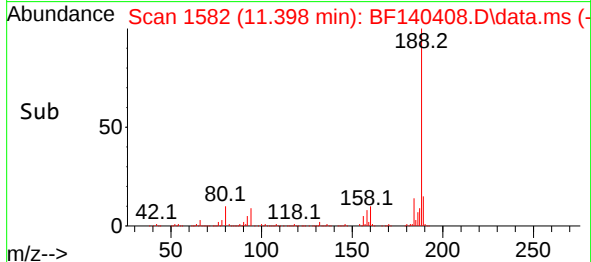
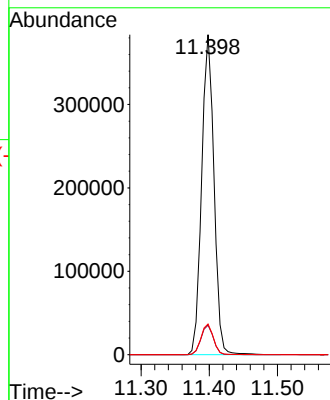
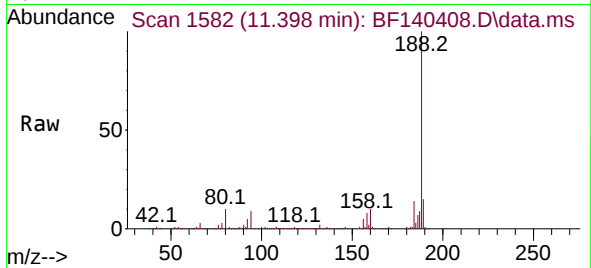




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

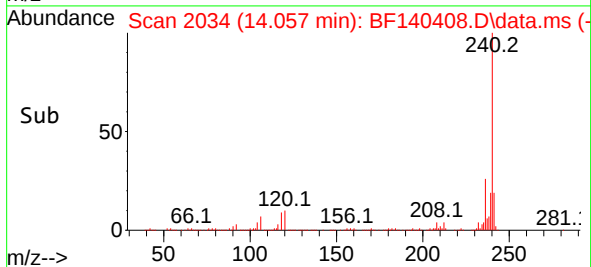
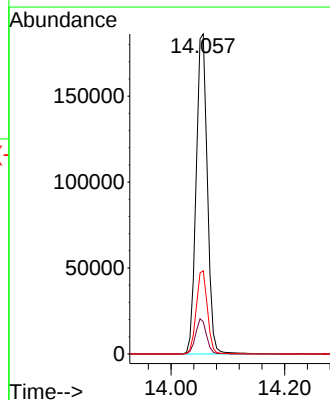
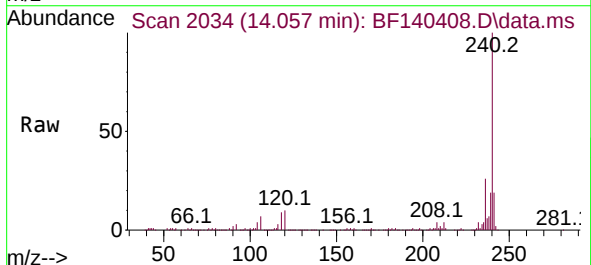
Instrument :
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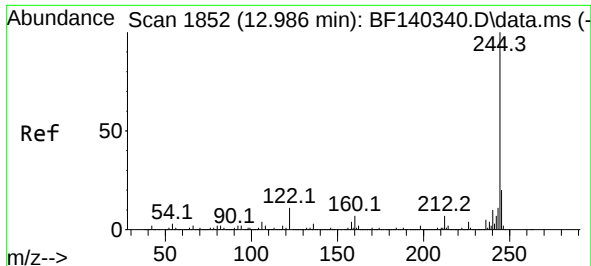
Tgt Ion:188 Resp: 482531
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140408.D
Acq: 15 Nov 2024 17:13

Tgt Ion:240 Resp: 256405
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.0 20.9 31.3

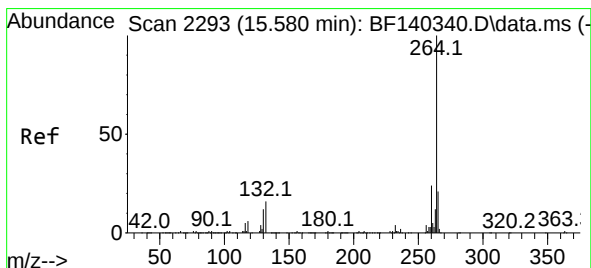
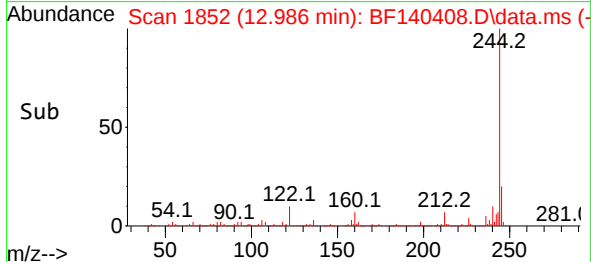
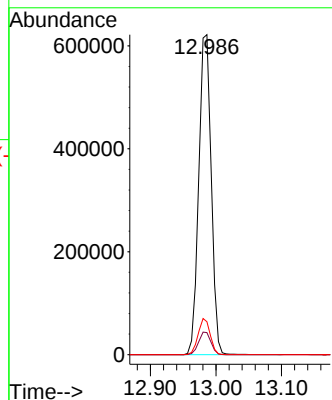
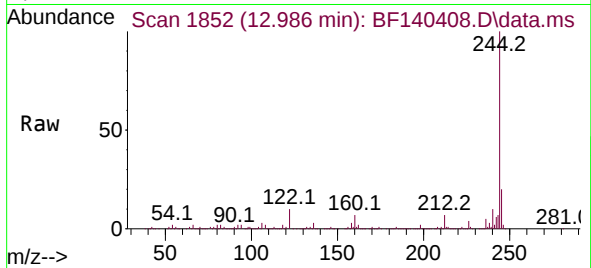




#79
 Terphenyl-d14
 Concen: 55.813 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140408.D
 Acq: 15 Nov 2024 17:13

Instrument :
 BNA_F
 ClientSampleId :
 BF-F13

Tgt Ion:244 Resp: 824456
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF140408.D
 Acq: 15 Nov 2024 17:13

Tgt Ion:264 Resp: 276829
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 17.1 25.7

