

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140323.D
 Acq On : 11 Nov 2024 17:59
 Operator : RC/JU
 Sample : PB164793TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164793TB

Quant Time: Nov 12 00:45:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125988	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	481238	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	273075	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	525534	20.000	ng	0.00
76) Chrysene-d12	14.045	240	324752	20.000	ng	-0.01
86) Perylene-d12	15.551	264	261727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1061659	145.585	ng	0.01
7) Phenol-d6	6.504	99	1374482	141.846	ng	0.00
23) Nitrobenzene-d5	7.434	82	918962	99.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	378517	142.677	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1646264	95.180	ng	0.00
79) Terphenyl-d14	12.986	244	1892026	99.901	ng	0.00

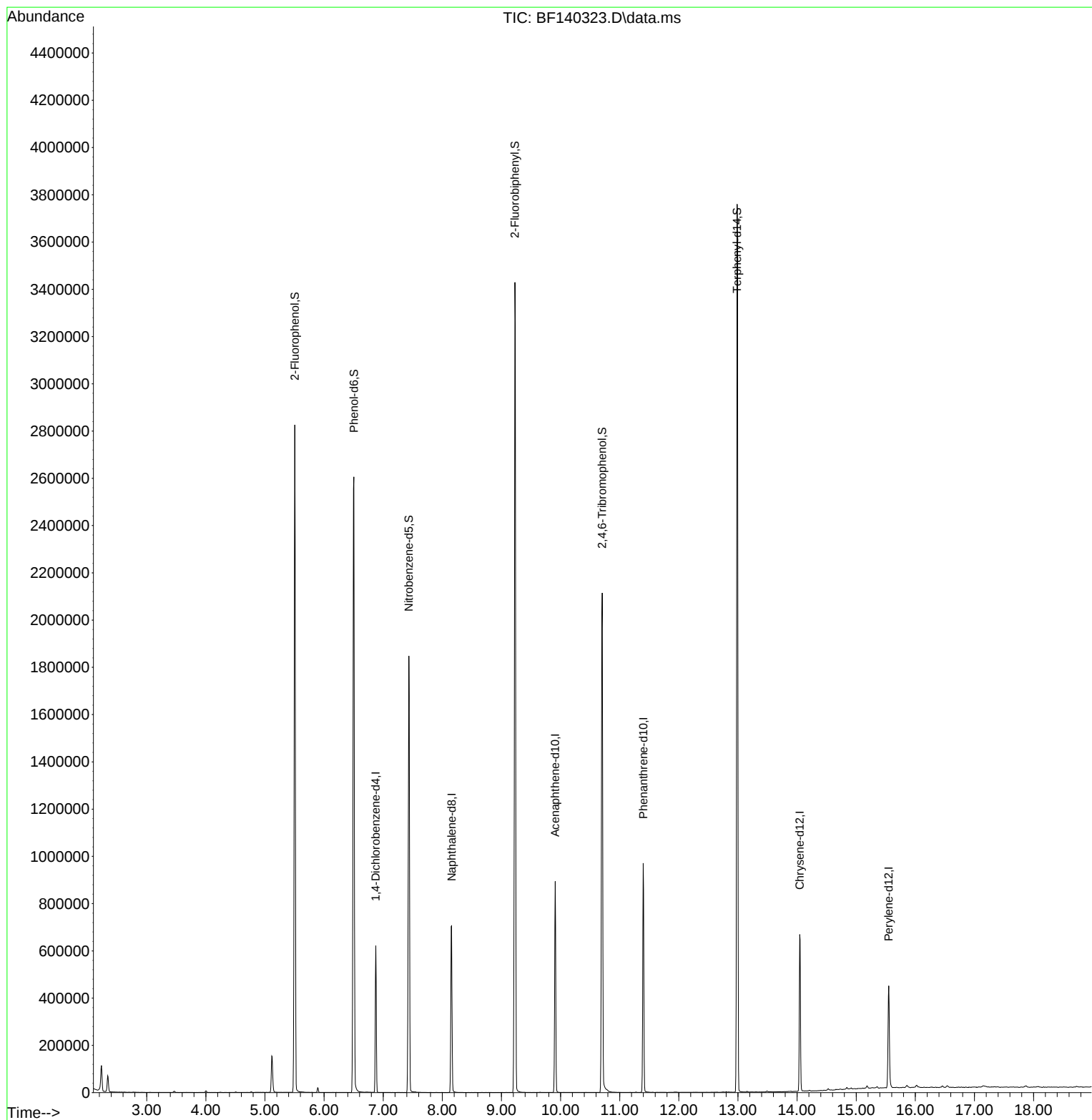
Target Compounds	Qvalue

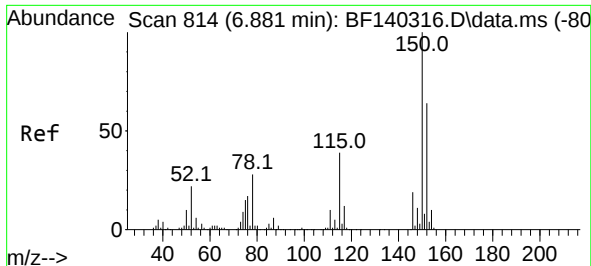
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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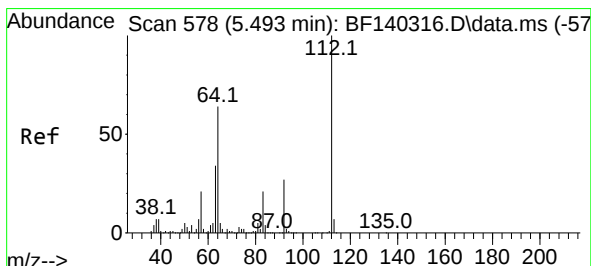
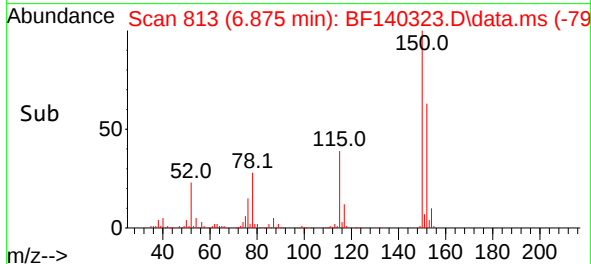
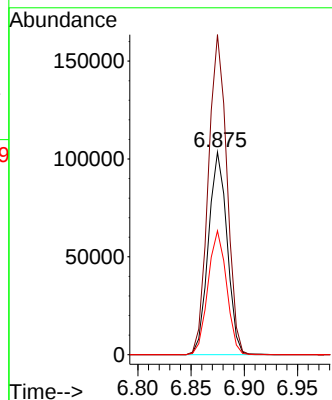
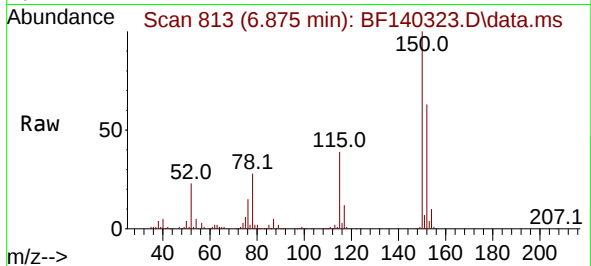




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

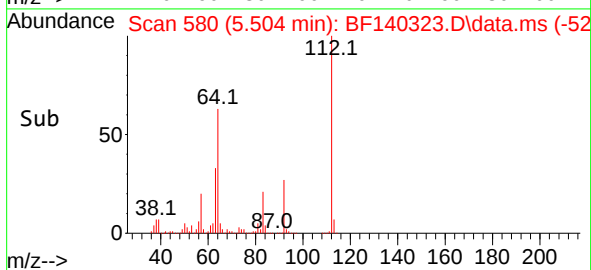
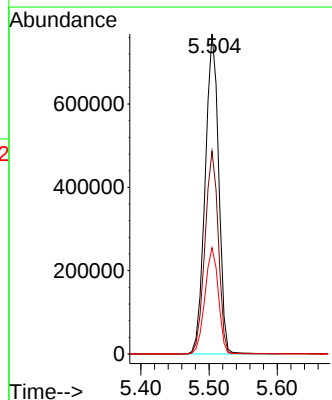
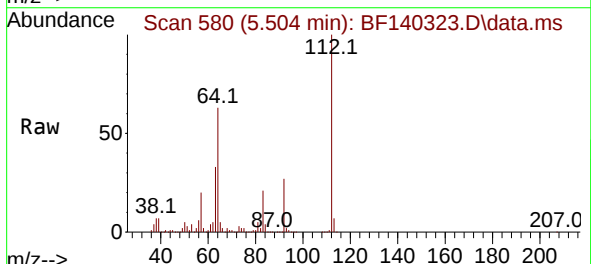
Instrument :
BNA_F
ClientSampleId :
PB164793TB

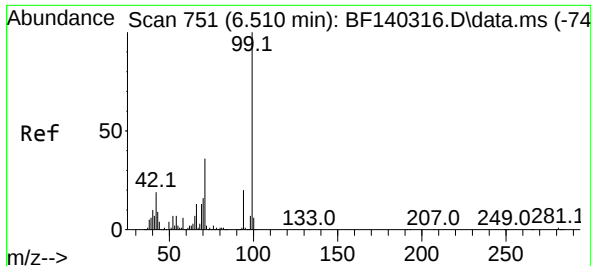
Tgt Ion:152 Resp: 125988
Ion Ratio Lower Upper
152 100
150 157.9 127.1 190.7
115 61.1 49.4 74.0



#5
2-Fluorophenol
Concen: 145.585 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion:112 Resp: 1061659
Ion Ratio Lower Upper
112 100
64 63.3 51.0 76.6
63 33.2 26.9 40.3

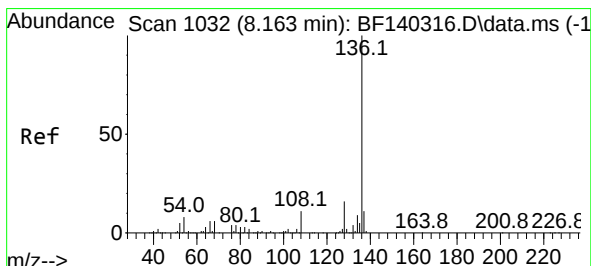
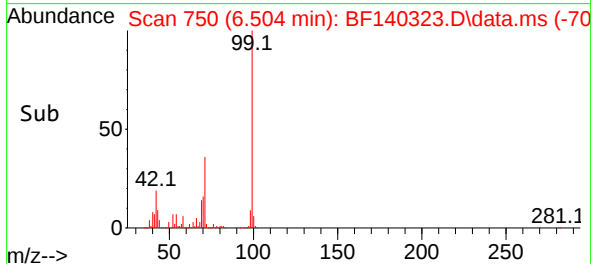
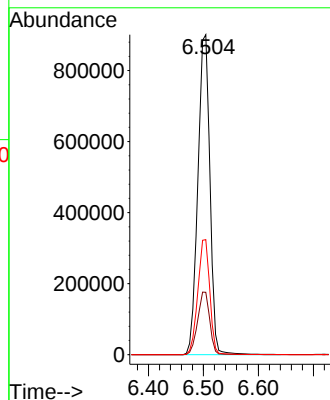
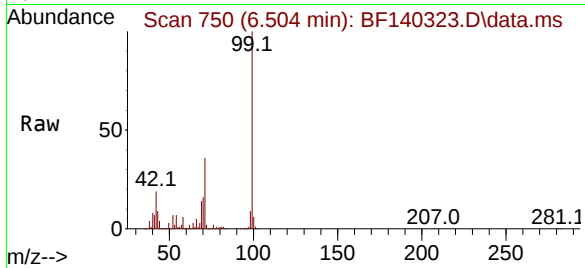




#7
Phenol-d6
Concen: 141.846 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

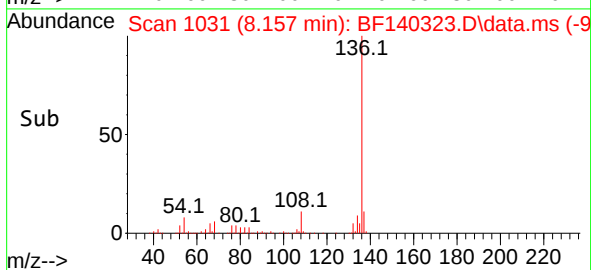
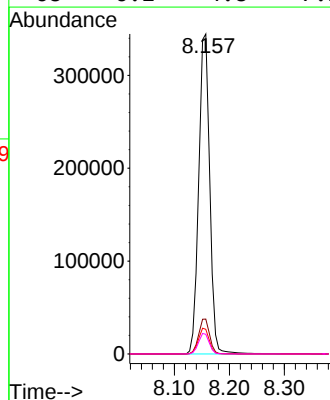
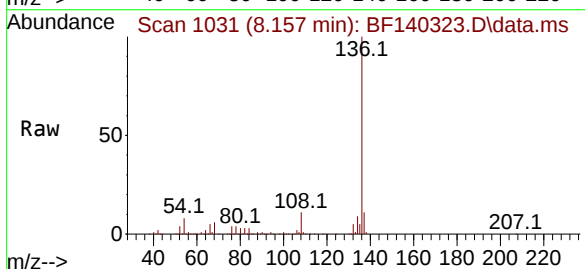
Instrument :
BNA_F
ClientSampleId :
PB164793TB

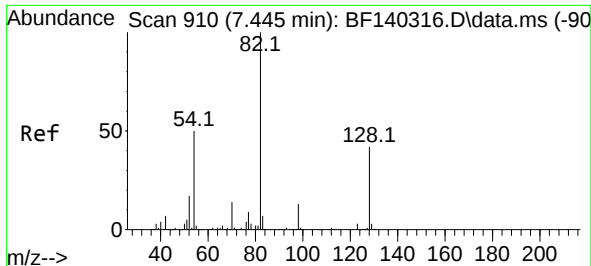
Tgt Ion: 99 Resp: 1374482
Ion Ratio Lower Upper
99 100
42 19.5 15.5 23.3
71 36.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion: 136 Resp: 481238
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.7 6.2 9.2
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 99.133 ng

RT: 7.434 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF140323.D

Acq: 11 Nov 2024 17:59

Instrument :

BNA_F

ClientSampleId :

PB164793TB

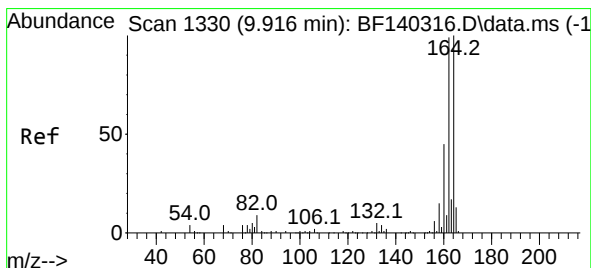
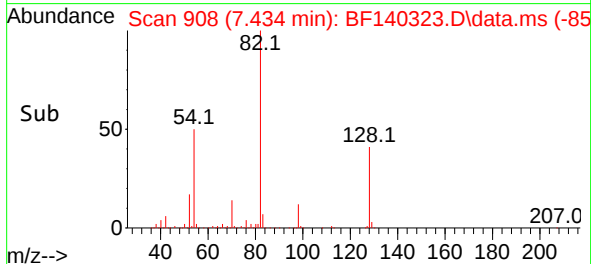
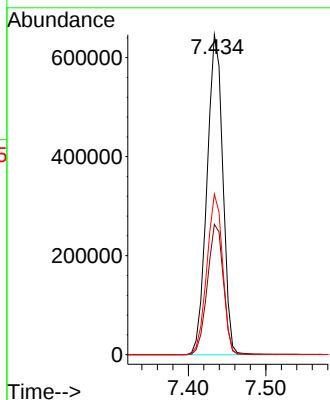
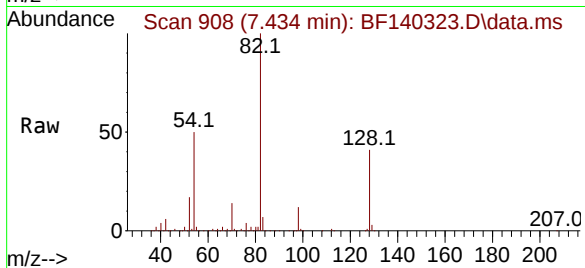
Tgt Ion: 82 Resp: 918962

Ion Ratio Lower Upper

82 100

128 40.7 33.8 50.6

54 50.2 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140323.D

Acq: 11 Nov 2024 17:59

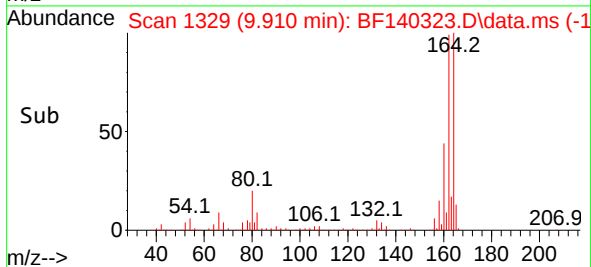
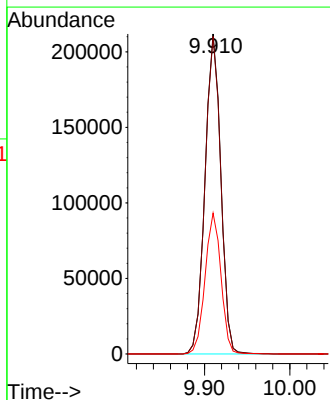
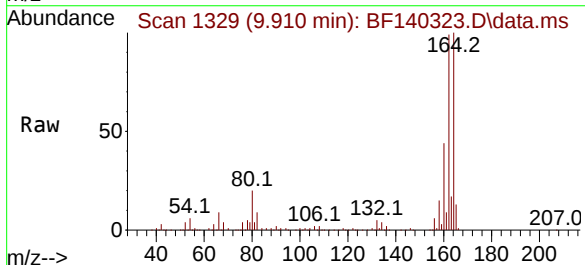
Tgt Ion: 164 Resp: 273075

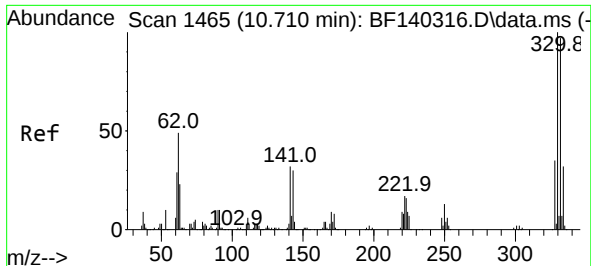
Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

160 44.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 142.677 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140323.D

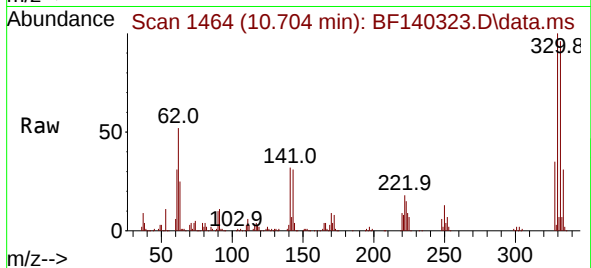
Acq: 11 Nov 2024 17:59

Instrument :

BNA_F

ClientSampleId :

PB164793TB



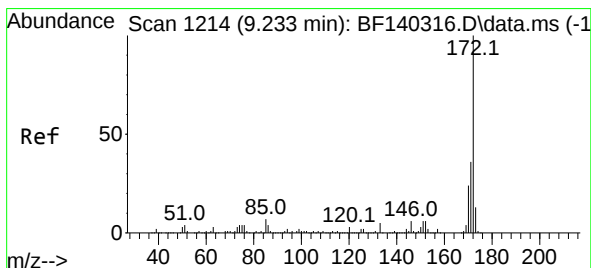
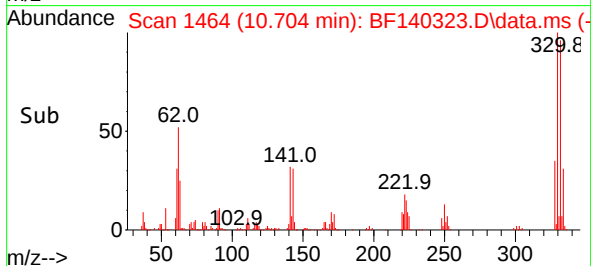
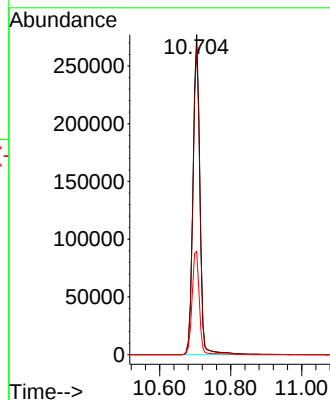
Tgt Ion:330 Resp: 378517

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 33.9 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 95.180 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140323.D

Acq: 11 Nov 2024 17:59

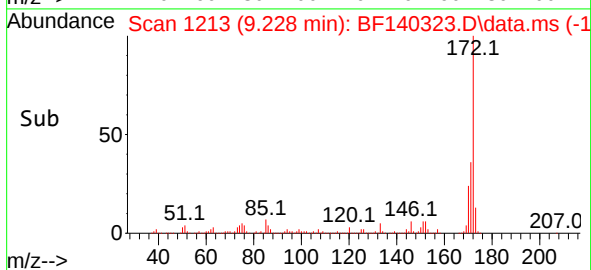
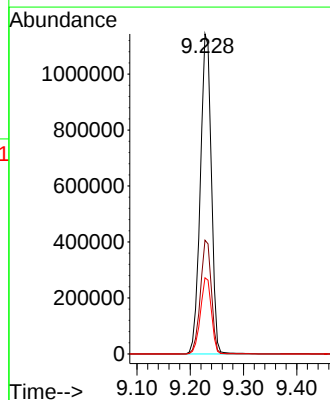
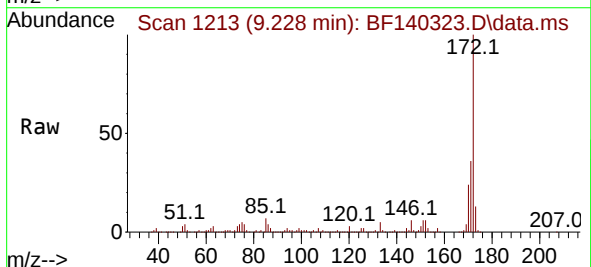
Tgt Ion:172 Resp: 1646264

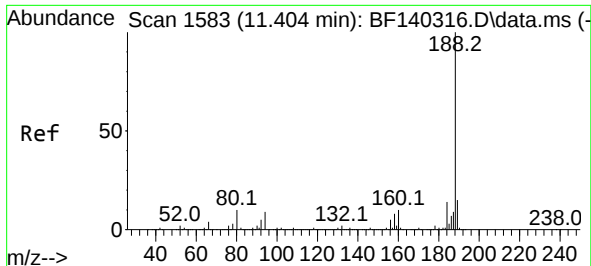
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.8 19.3 28.9

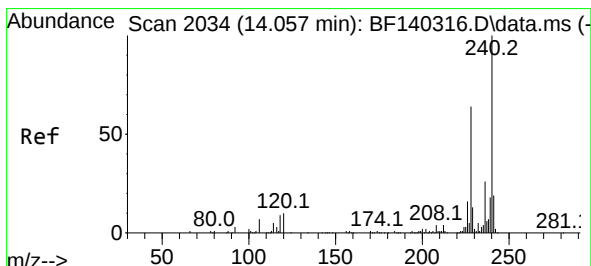
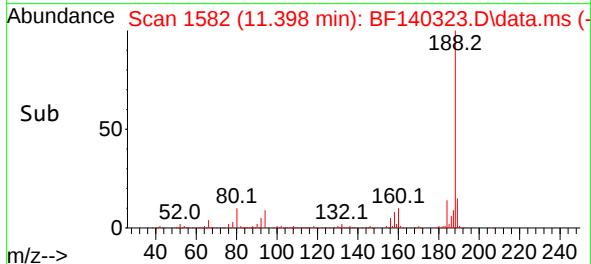
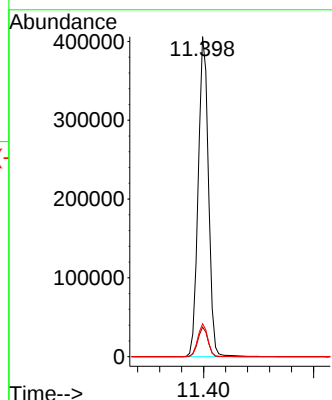
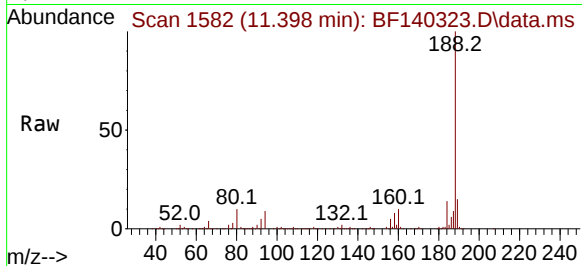




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

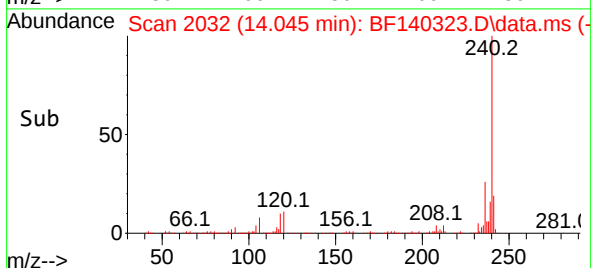
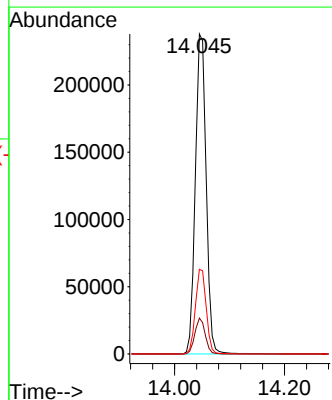
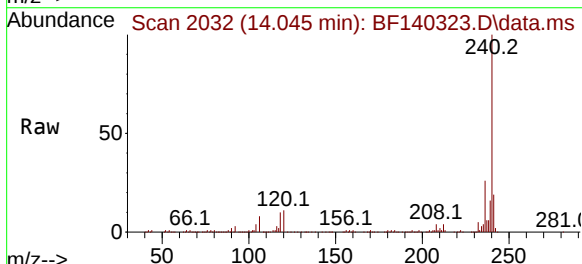
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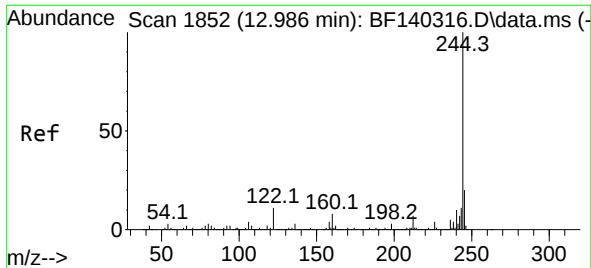
Tgt Ion:188 Resp: 525534
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF140323.D
Acq: 11 Nov 2024 17:59

Tgt Ion:240 Resp: 324752
Ion Ratio Lower Upper
240 100
120 11.2 8.2 12.4
236 26.5 20.9 31.3

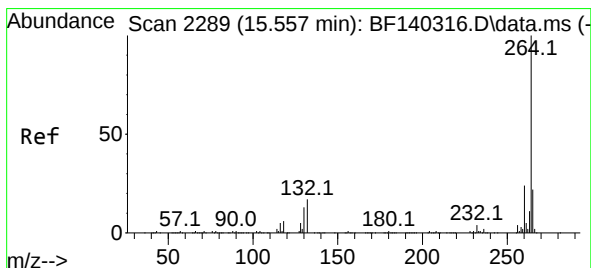
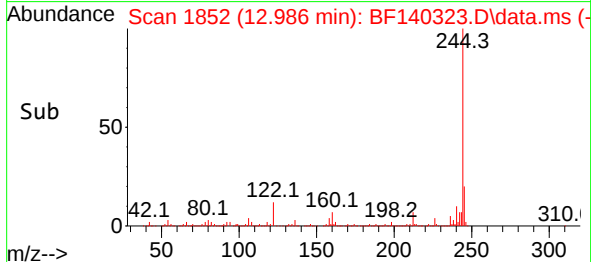
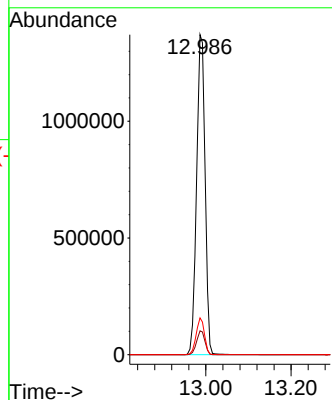
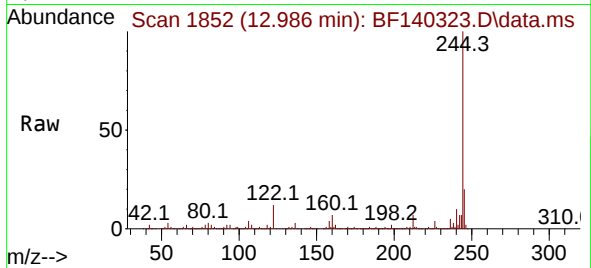




#79
 Terphenyl-d14
 Concen: 99.901 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140323.D
 Acq: 11 Nov 2024 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB164793TB

Tgt Ion:244 Resp: 1892026
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140323.D
 Acq: 11 Nov 2024 17:59

Tgt Ion:264 Resp: 261727
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.2 17.6 26.4

