

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140329.D
 Acq On : 11 Nov 2024 20:36
 Operator : RC/JU
 Sample : P4798-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Quant Time: Nov 12 00:46:08 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	141420	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	538681	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	302135	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	572511	20.000	ng	0.00
76) Chrysene-d12	14.045	240	354028	20.000	ng	-0.01
86) Perylene-d12	15.539	264	289024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	943314	115.241	ng	0.01
7) Phenol-d6	6.504	99	1122576	103.207	ng	0.00
23) Nitrobenzene-d5	7.434	82	902224	86.949	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	403287	137.393	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1598005	83.503	ng	0.00
79) Terphenyl-d14	12.986	244	1961701	95.015	ng	0.00

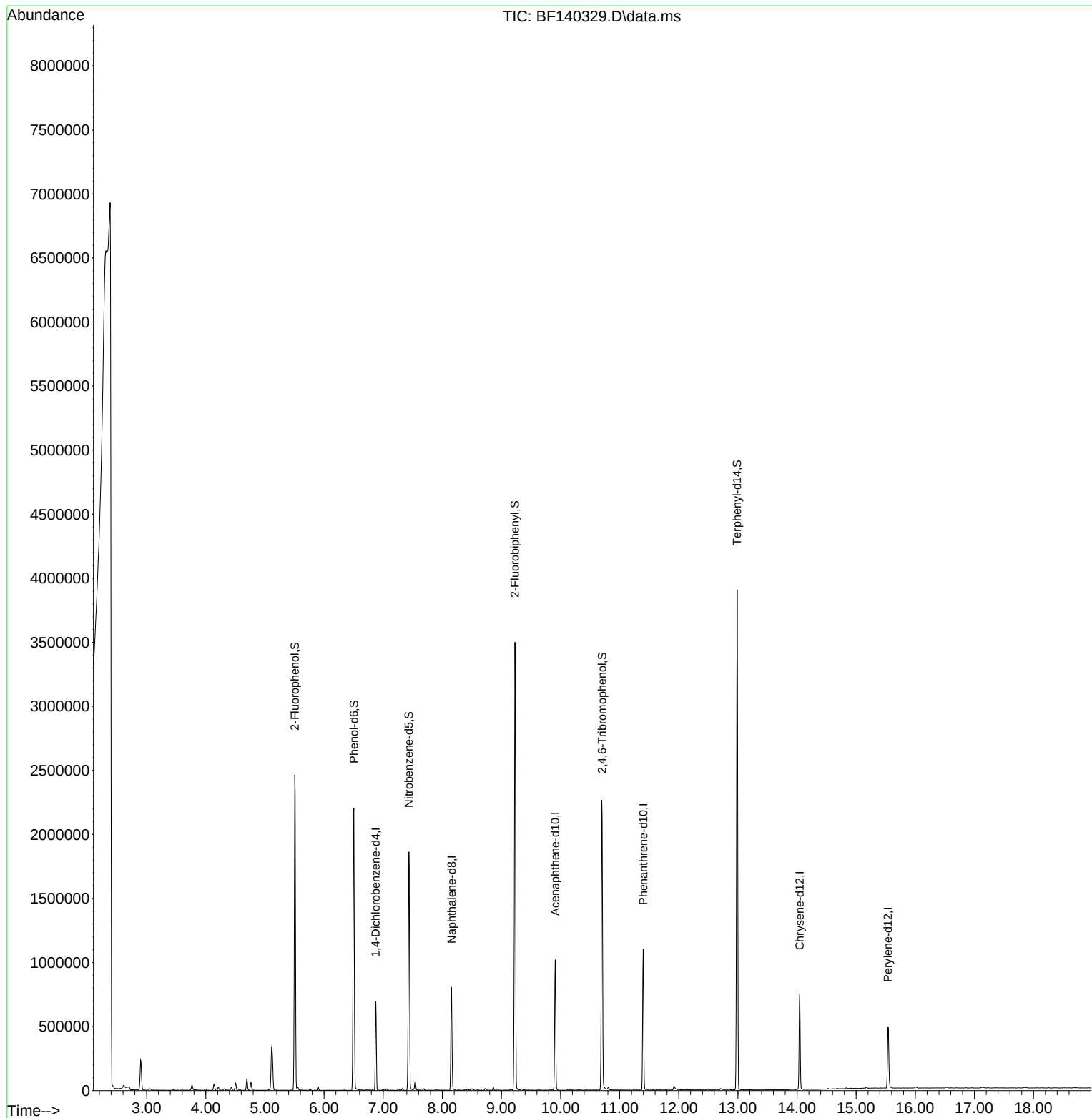
Target Compounds	Qvalue

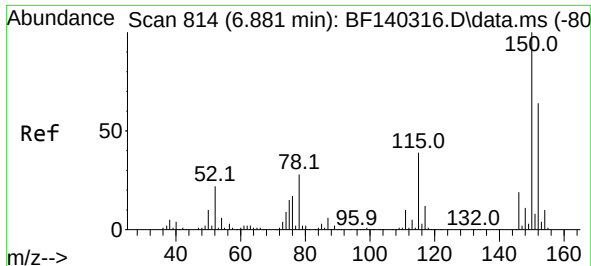
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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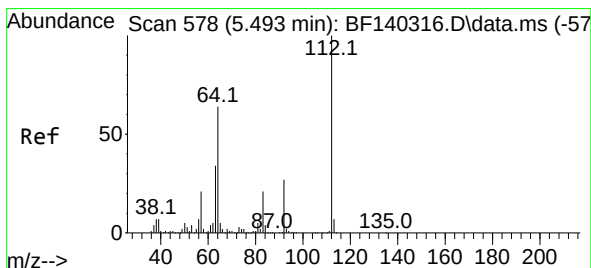
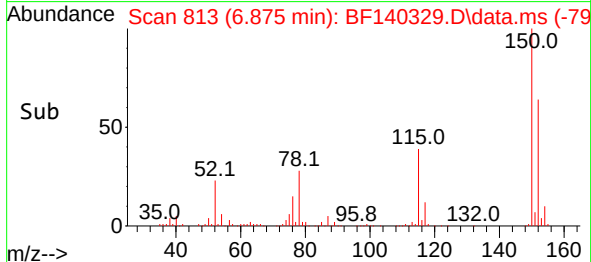
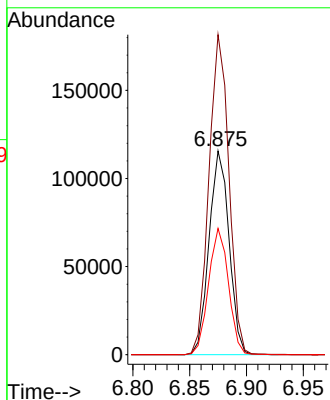
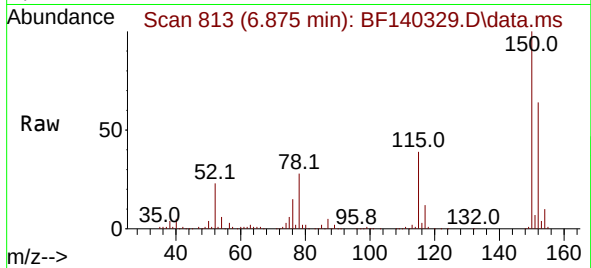




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

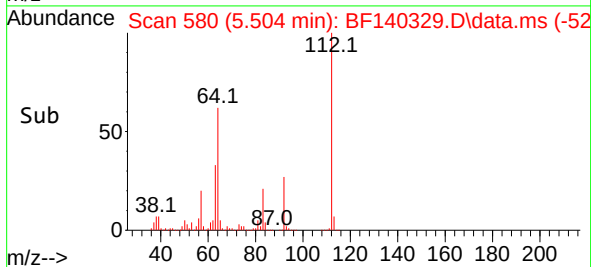
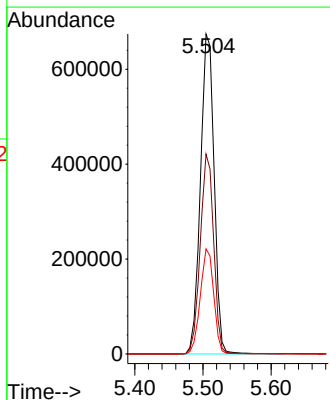
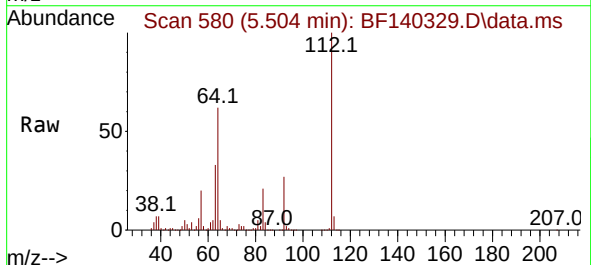
Instrument :
BNA_F
ClientSampleId :
MH-6

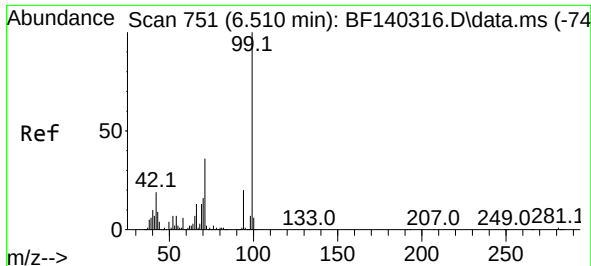
Tgt Ion:152 Resp: 141420
Ion Ratio Lower Upper
152 100
150 157.1 127.1 190.7
115 62.0 49.4 74.0



#5
2-Fluorophenol
Concen: 115.241 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

Tgt Ion:112 Resp: 943314
Ion Ratio Lower Upper
112 100
64 62.5 51.0 76.6
63 32.8 26.9 40.3





#7
Phenol-d6
Concen: 103.207 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

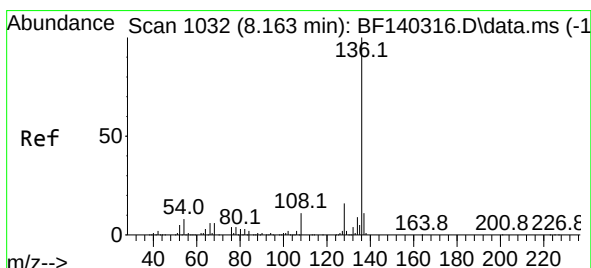
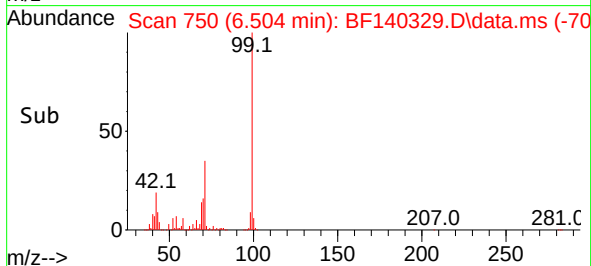
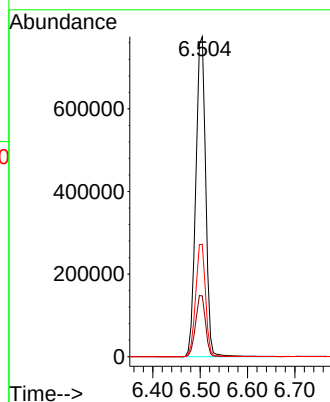
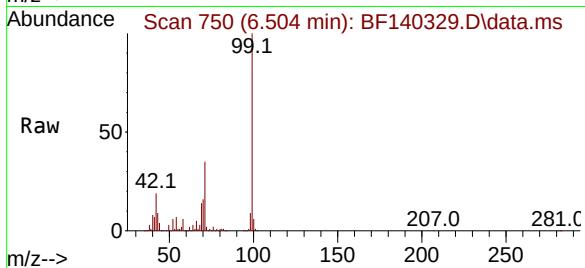
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BNA_F

ClientSampleId :

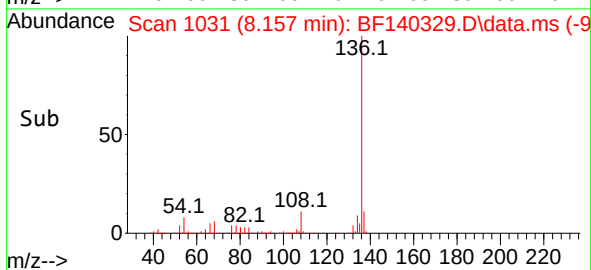
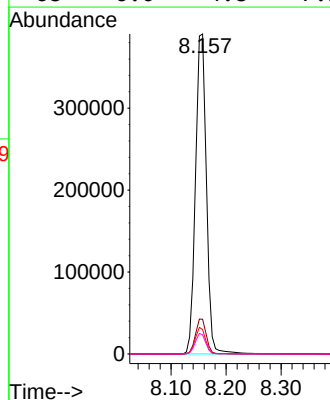
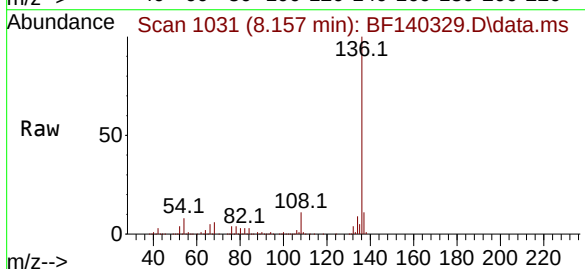
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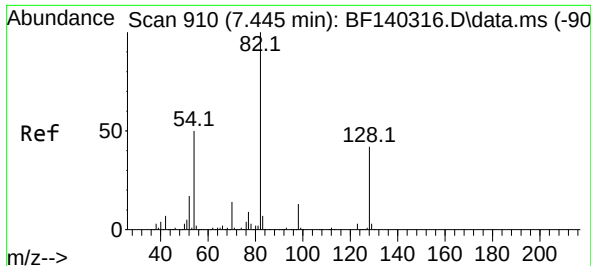
Tgt Ion: 99 Resp: 1122576
Ion Ratio Lower Upper
99 100
42 19.0 15.5 23.3
71 35.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

Tgt Ion: 136 Resp: 538681
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.7 6.2 9.2
68 6.0 4.8 7.2

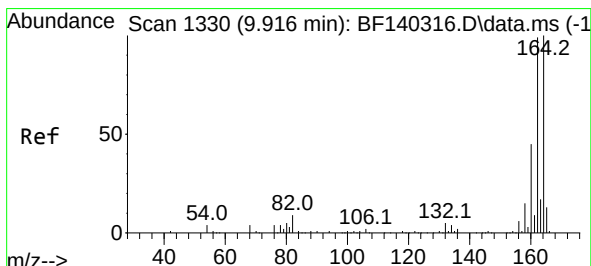
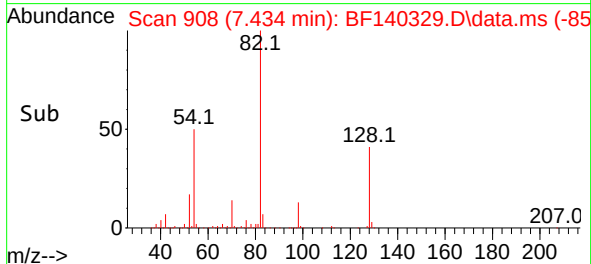
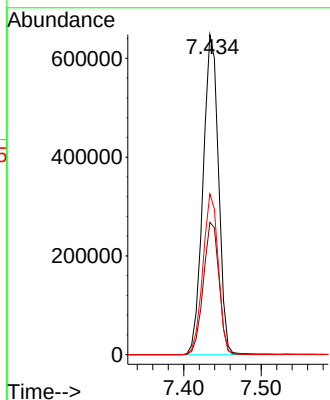
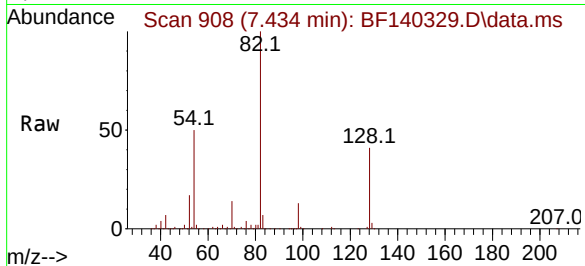




#23
Nitrobenzene-d5
Concen: 86.949 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

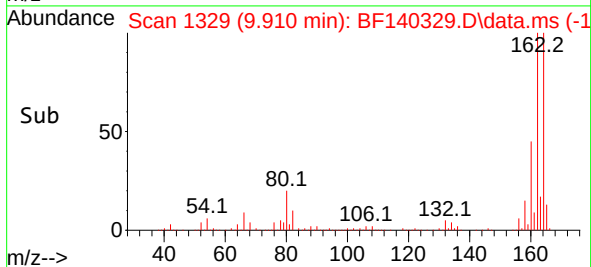
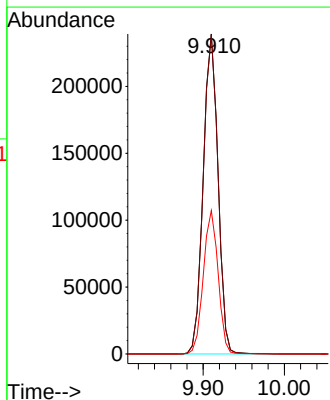
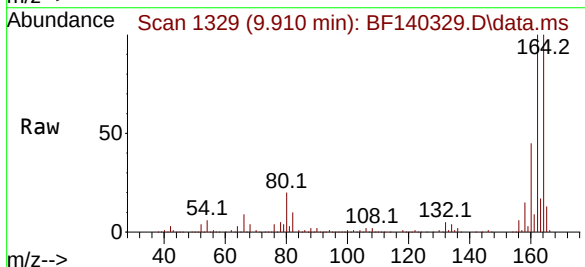
Instrument :
BNA_F
ClientSampleId :
MH-6

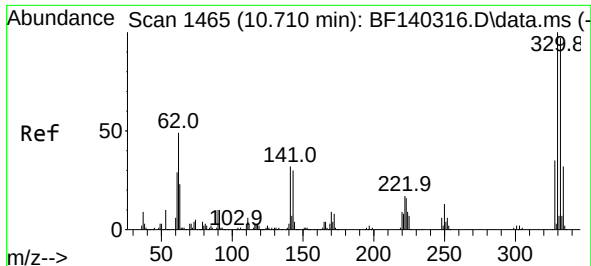
Tgt Ion: 82 Resp: 902224
Ion Ratio Lower Upper
82 100
128 41.3 33.8 50.6
54 50.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

Tgt Ion:164 Resp: 302135
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 44.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 137.393 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140329.D

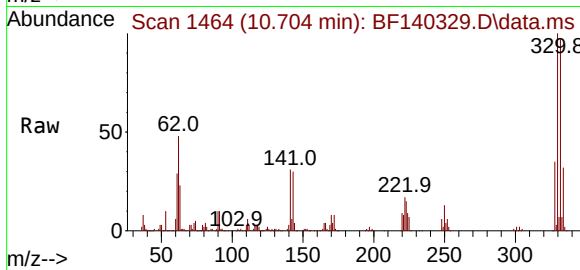
Acq: 11 Nov 2024 20:36

Instrument :

BNA_F

ClientSampleId :

MH-6



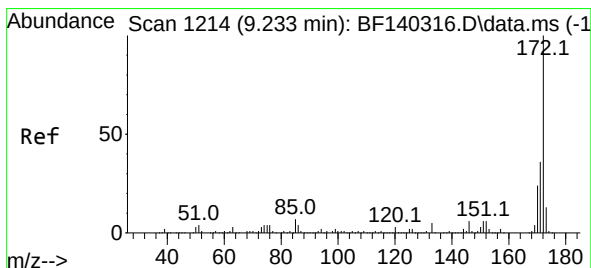
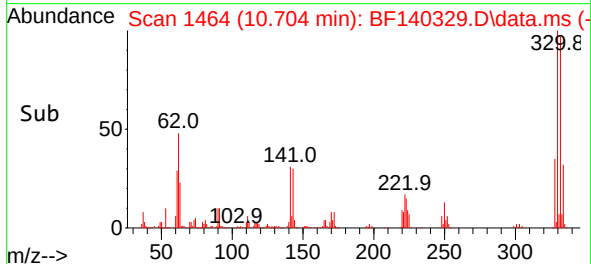
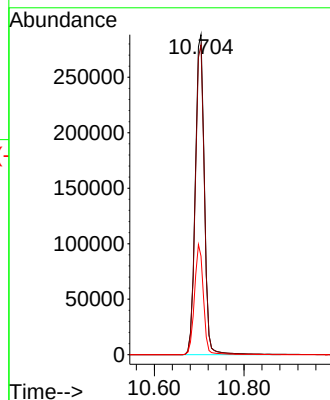
Tgt Ion:330 Resp: 403287

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 33.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 83.503 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140329.D

Acq: 11 Nov 2024 20:36

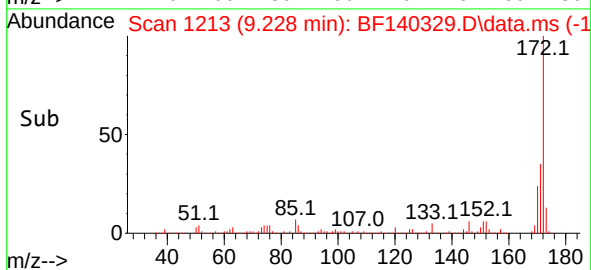
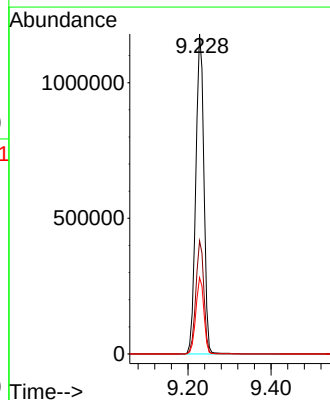
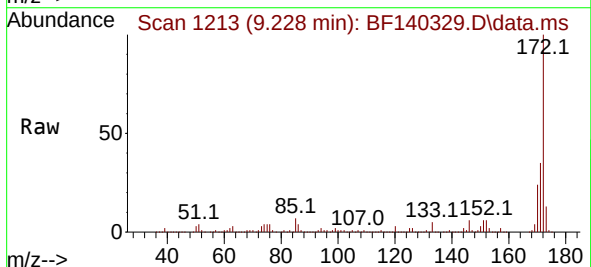
Tgt Ion:172 Resp: 1598005

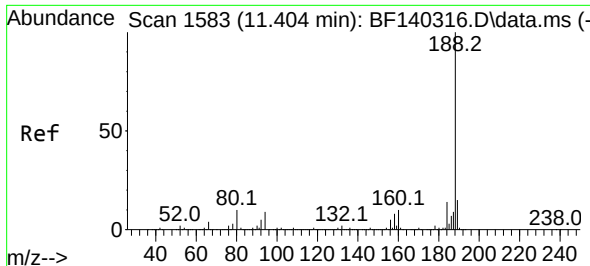
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.8 19.3 28.9

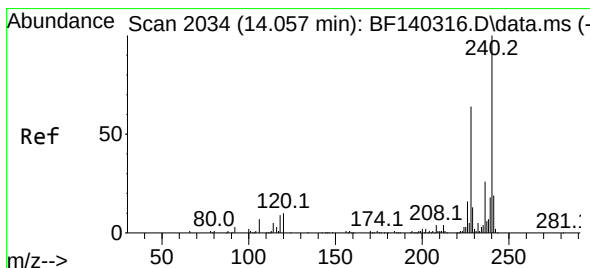
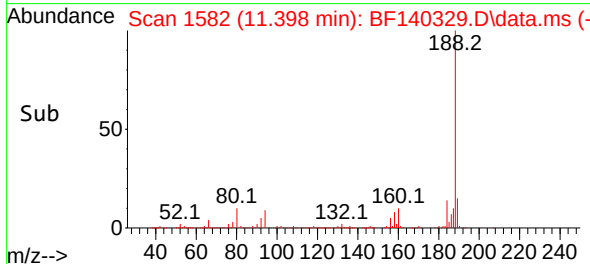
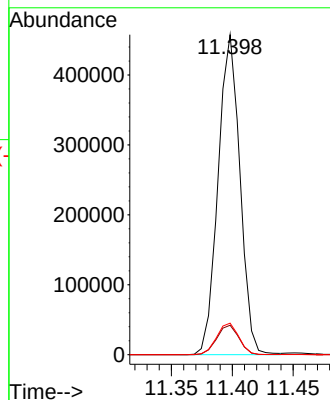
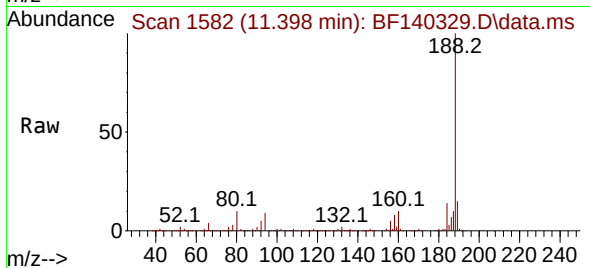




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

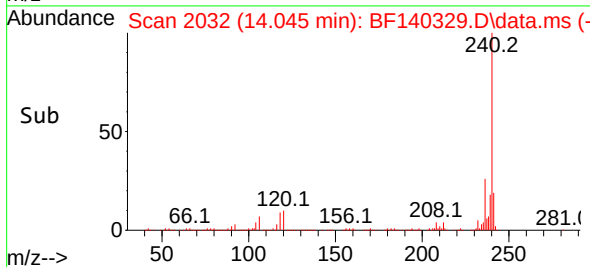
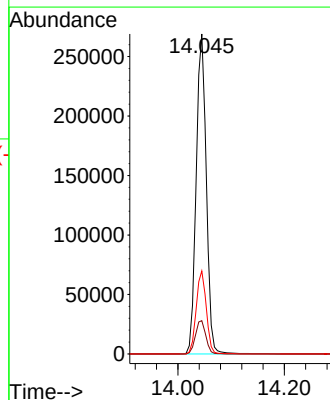
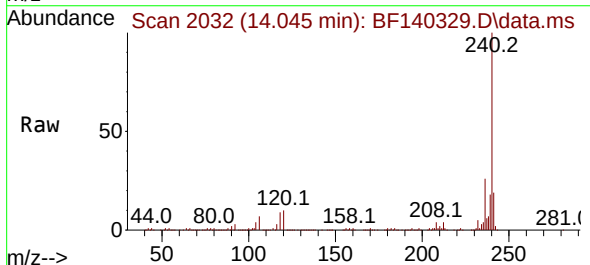
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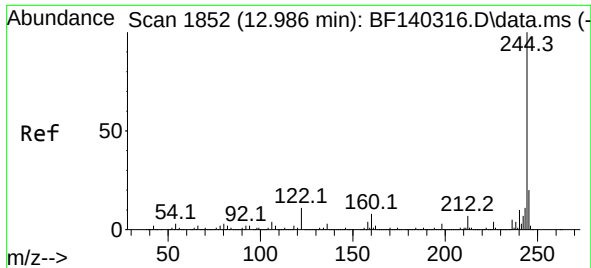
Tgt Ion:188 Resp: 572511
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF140329.D
Acq: 11 Nov 2024 20:36

Tgt Ion:240 Resp: 354028
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 25.9 20.9 31.3

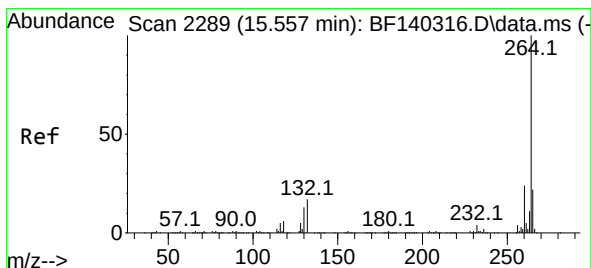
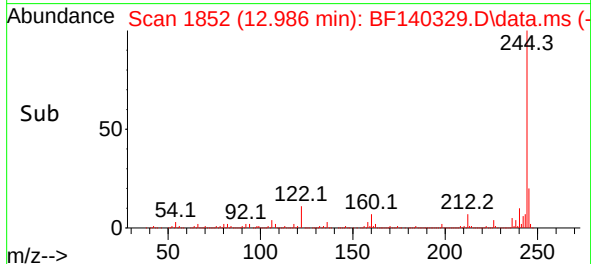
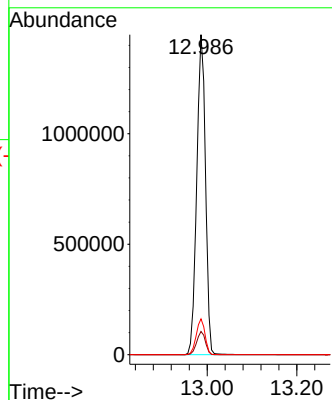
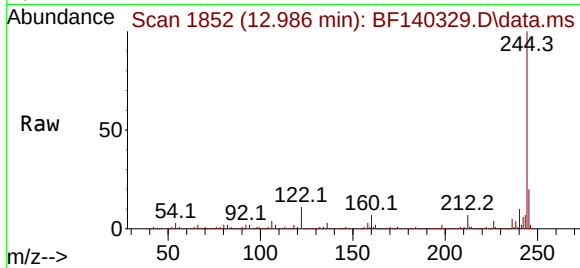




#79
 Terphenyl-d14
 Concen: 95.015 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF140329.D
 Acq: 11 Nov 2024 20:36

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Tgt Ion:244 Resp: 1961701
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140329.D
 Acq: 11 Nov 2024 20:36

Tgt Ion:264 Resp: 289024
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.4 17.6 26.4

