

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140325.D
 Acq On : 11 Nov 2024 18:52
 Operator : RC/JU
 Sample : P4771-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Quant Time: Nov 12 00:45:24 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	130303	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	495248	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	276804	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	522440	20.000	ng	0.00
76) Chrysene-d12	14.045	240	313187	20.000	ng	-0.01
86) Perylene-d12	15.551	264	257796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1100726	145.944	ng	0.02
7) Phenol-d6	6.504	99	1411352	140.827	ng	0.00
23) Nitrobenzene-d5	7.439	82	939439	98.475	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	420017	156.187	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1625033	92.686	ng	0.00
79) Terphenyl-d14	12.986	244	1906769	104.397	ng	0.00

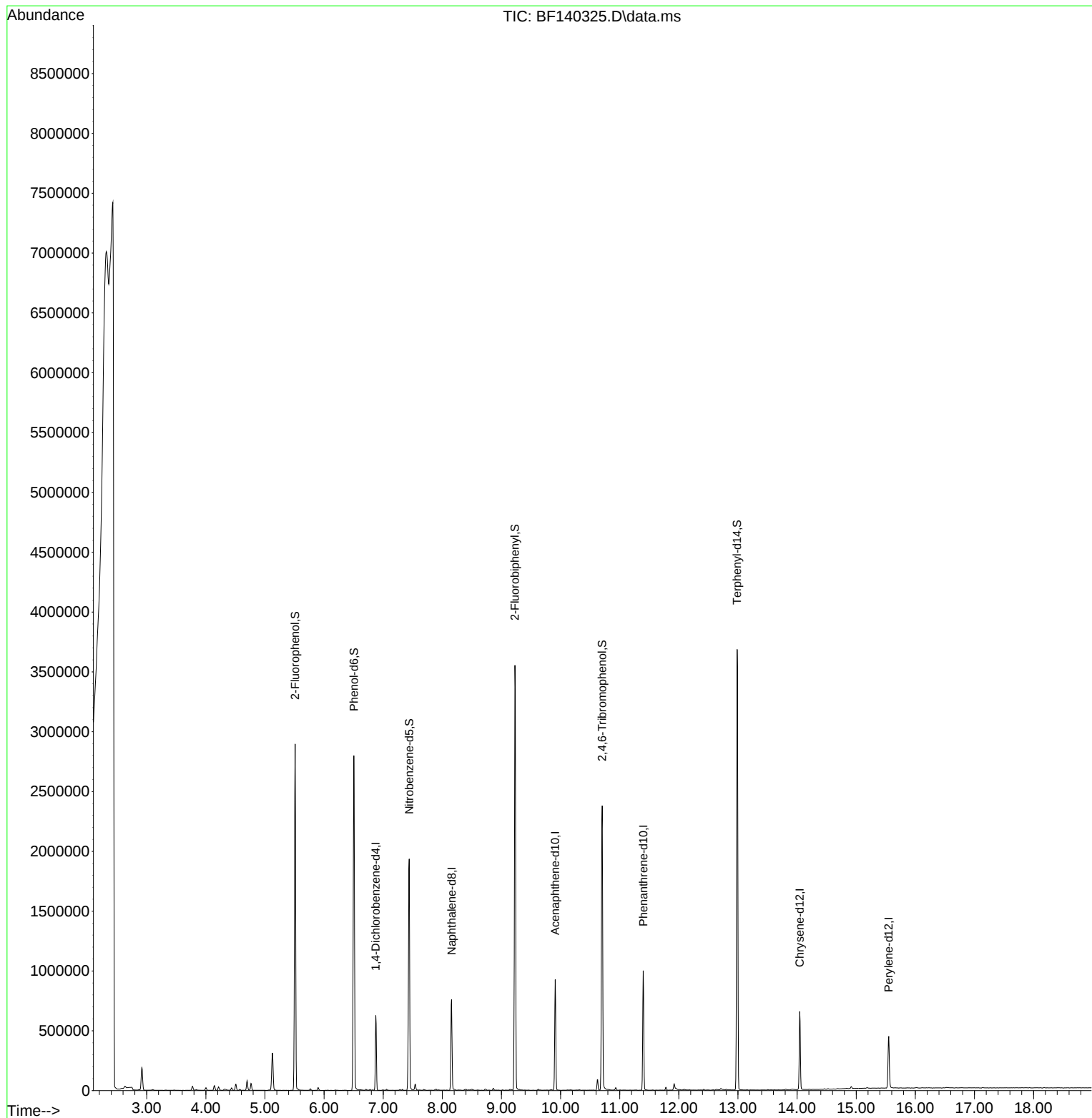
Target Compounds	Qvalue

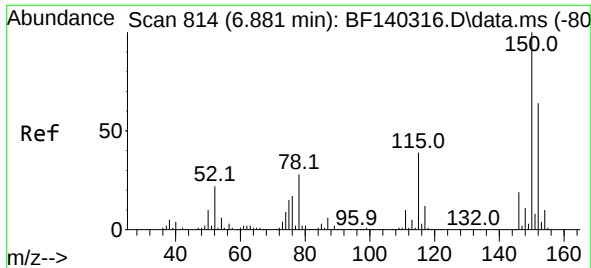
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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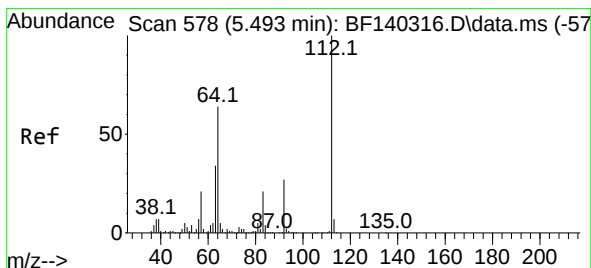
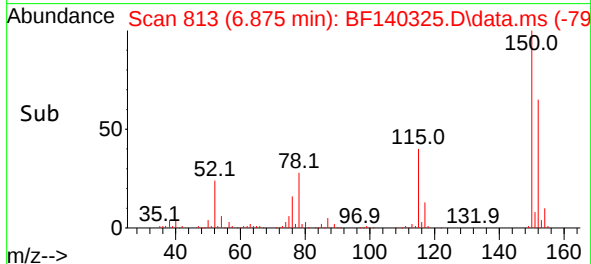
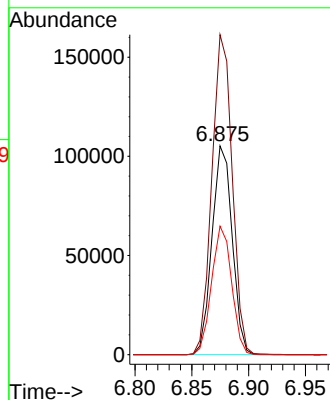
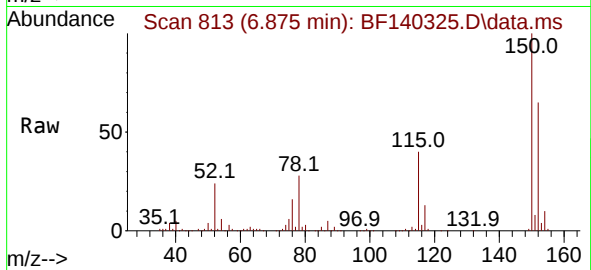




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF140325.D
 Acq: 11 Nov 2024 18:52

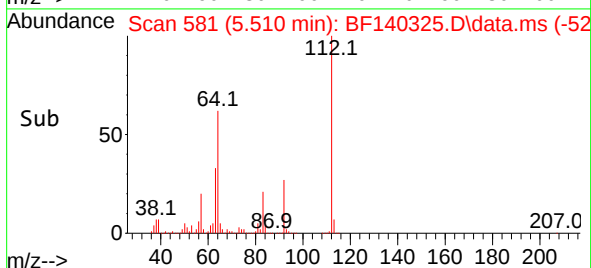
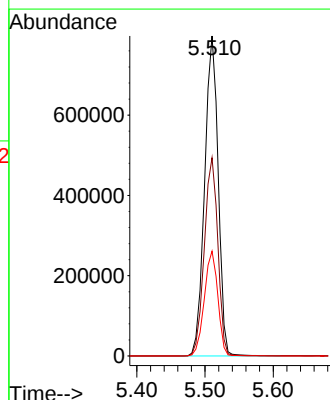
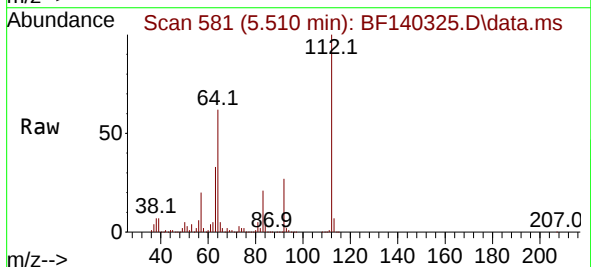
Instrument :
 BNA_F
 ClientSampleId :
 P-2

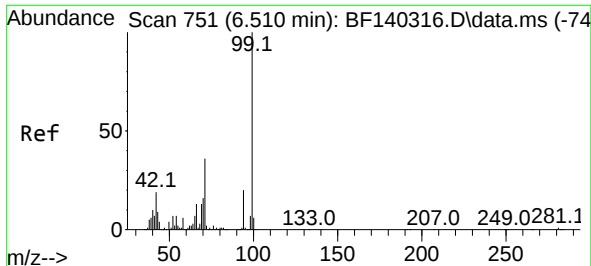
Tgt Ion:152 Resp: 130303
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.1 190.7
 115 61.5 49.4 74.0



#5
 2-Fluorophenol
 Concen: 145.944 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.018 min
 Lab File: BF140325.D
 Acq: 11 Nov 2024 18:52

Tgt Ion:112 Resp: 1100726
 Ion Ratio Lower Upper
 112 100
 64 62.0 51.0 76.6
 63 32.7 26.9 40.3



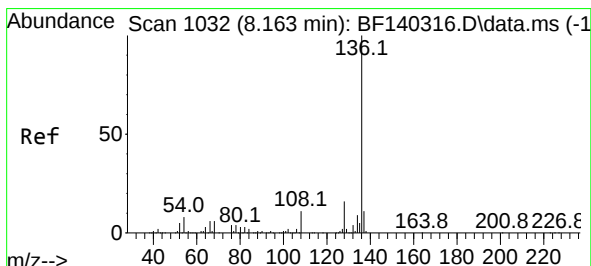
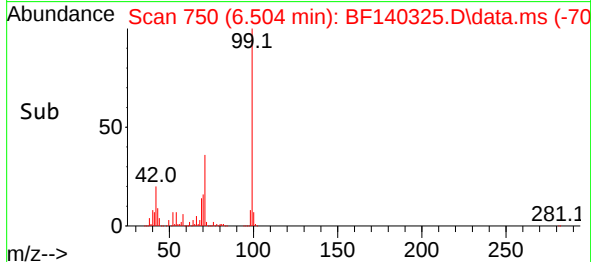
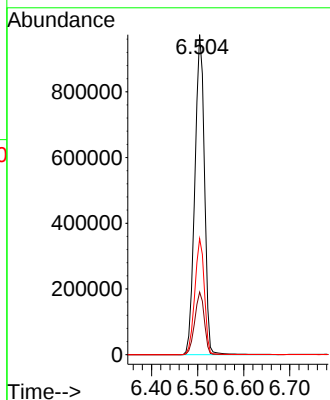
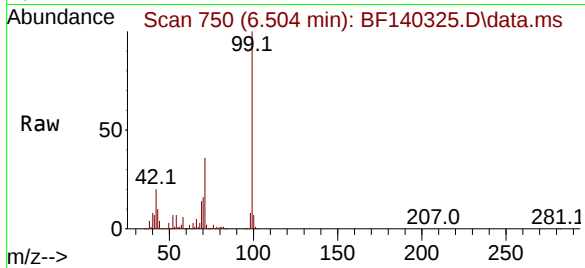


#7
Phenol-d6
Concen: 140.827 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion: 99 Resp: 1411352

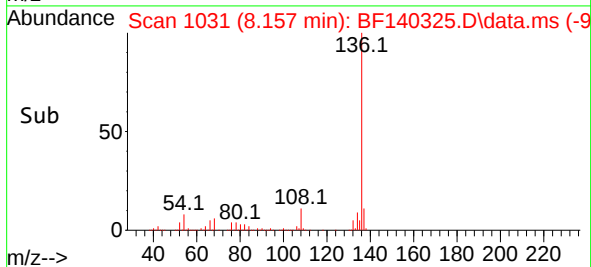
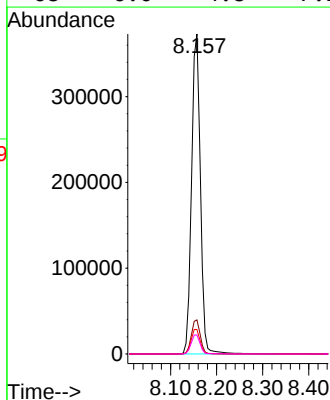
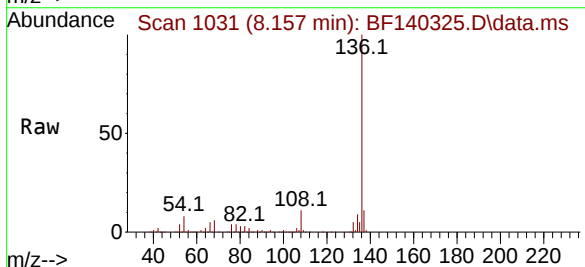
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.5	23.3
71	36.2	28.8	43.2

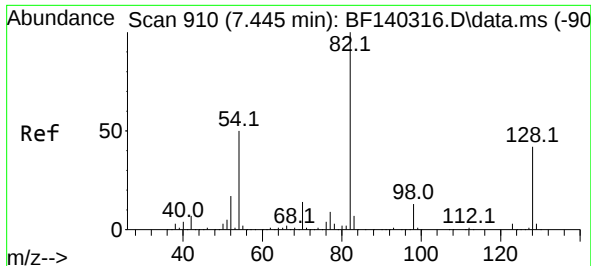


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion: 136 Resp: 495248

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.6	6.2	9.2
68	6.0	4.8	7.2

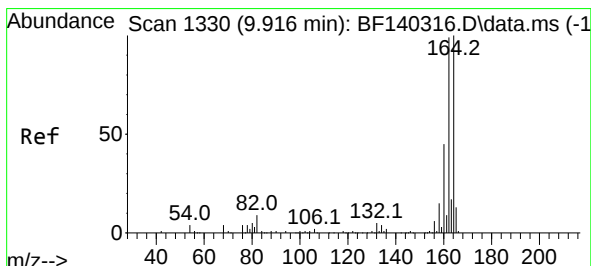
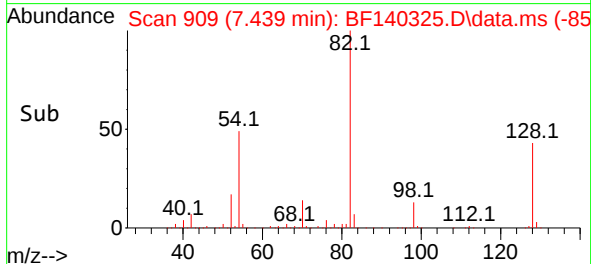
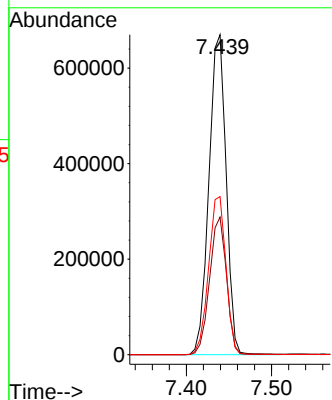
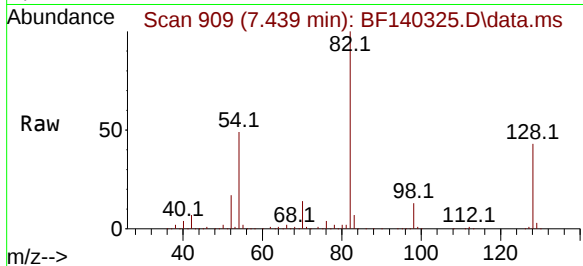




#23
Nitrobenzene-d5
Concen: 98.475 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

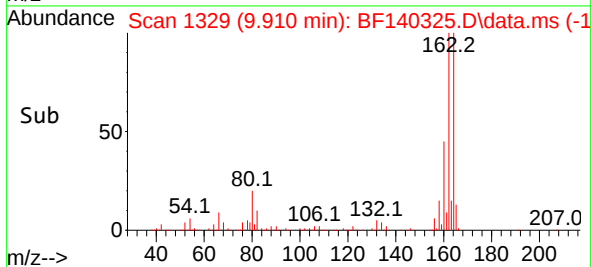
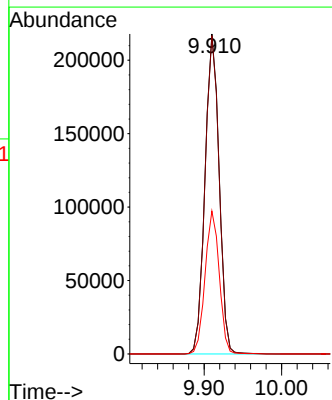
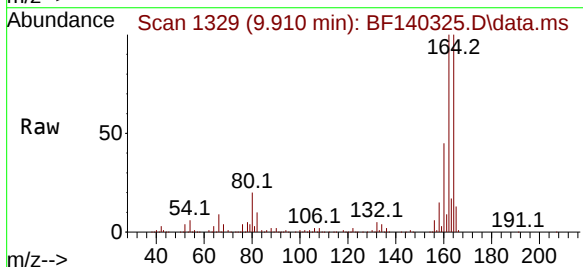
Instrument :
BNA_F
ClientSampleId :
P-2

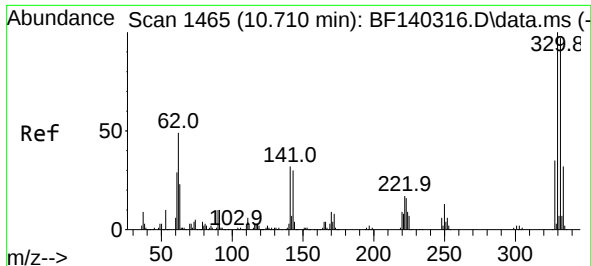
Tgt Ion: 82 Resp: 939439
Ion Ratio Lower Upper
82 100
128 43.0 33.8 50.6
54 49.4 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion:164 Resp: 276804
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 44.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 156.187 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

Instrument :

BNA_F

ClientSampleId :

P-2

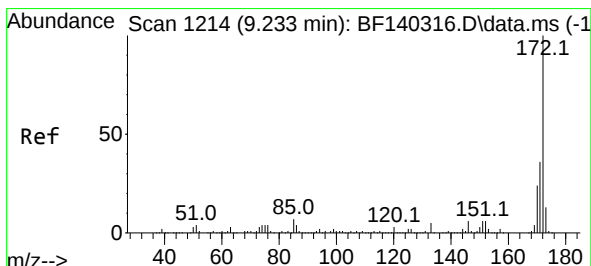
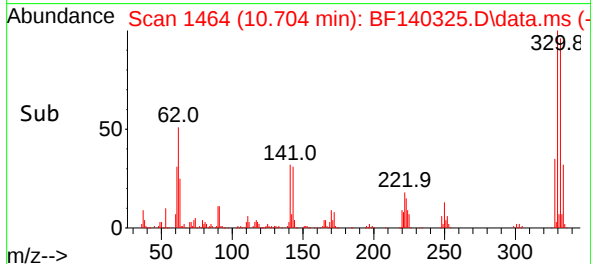
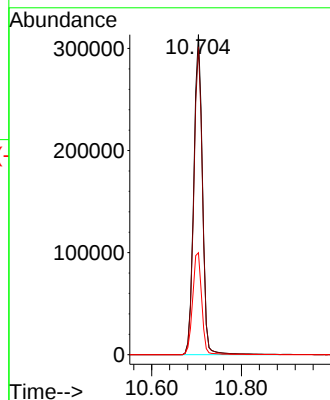
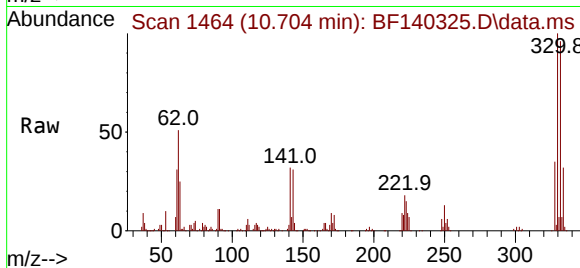
Tgt Ion:330 Resp: 420017

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 33.4 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 92.686 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

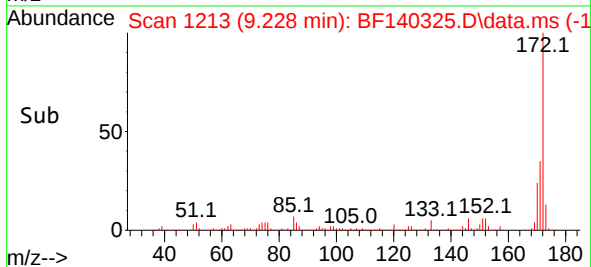
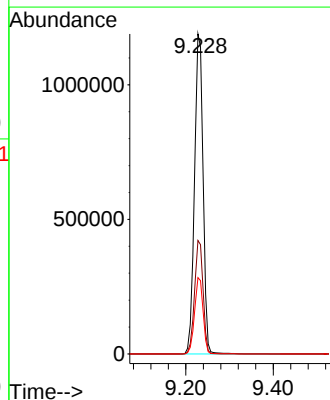
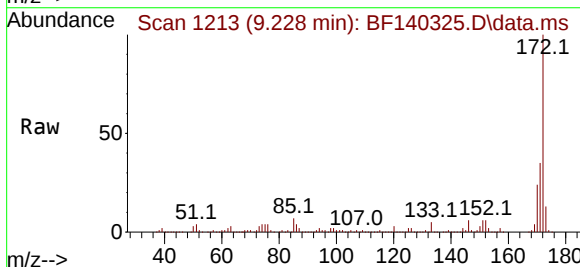
Tgt Ion:172 Resp: 1625033

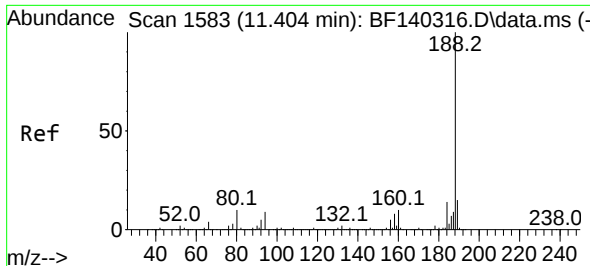
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.9 19.3 28.9

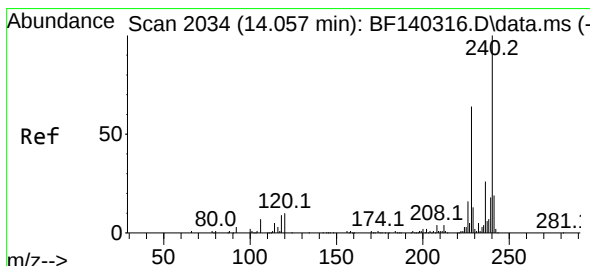
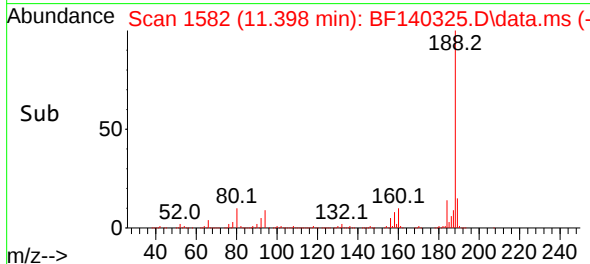
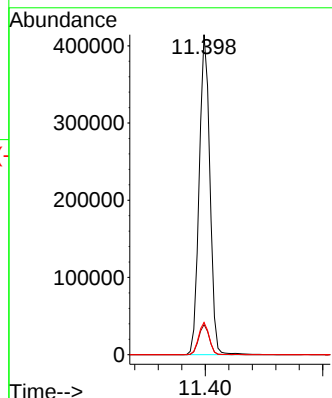
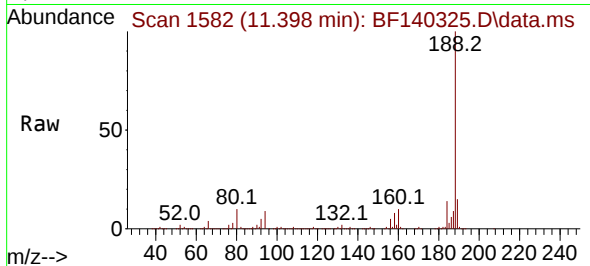




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

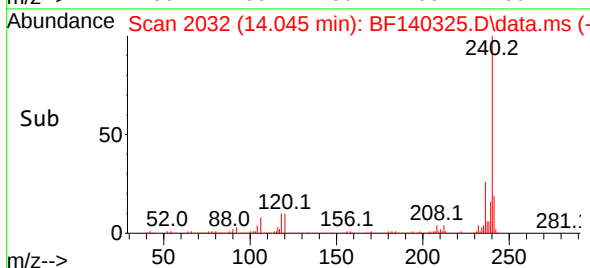
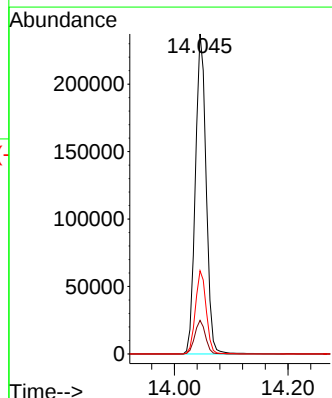
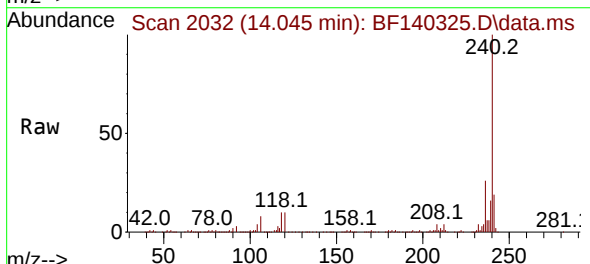
Instrument :
BNA_F
ClientSampleId :
P-2

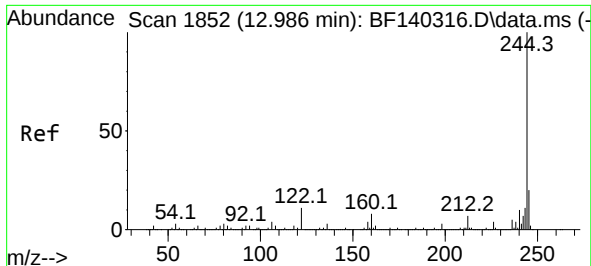
Tgt Ion:188 Resp: 522440
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion:240 Resp: 313187
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 26.0 20.9 31.3

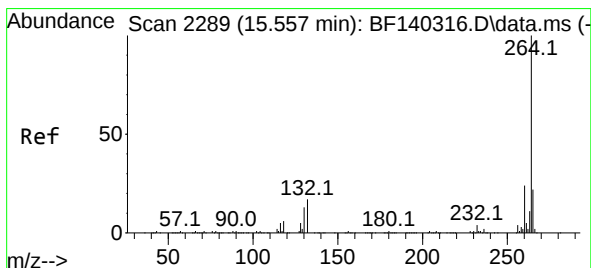
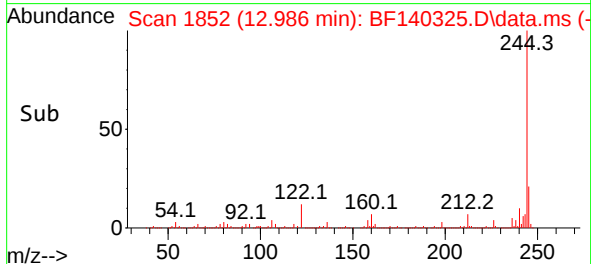
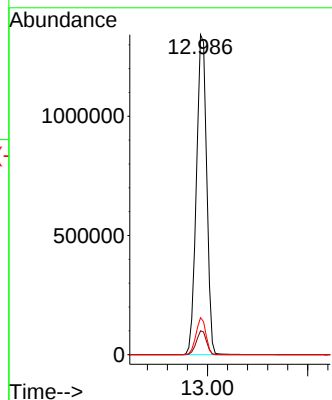
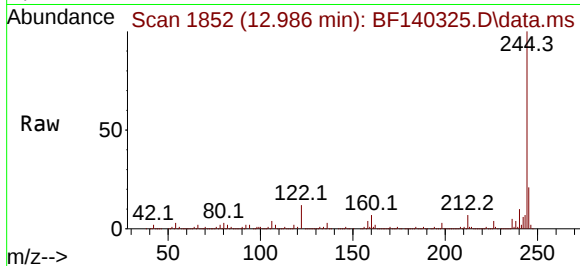




#79
 Terphenyl-d14
 Concen: 104.397 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140325.D
 Acq: 11 Nov 2024 18:52

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Tgt Ion:244 Resp: 1906769
 Ion Ratio Lower Upper
 244 100
 212 7.5 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: BF140325.D
 Acq: 11 Nov 2024 18:52

Tgt Ion:264 Resp: 257796
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.7 17.6 26.4

