

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126917.D
 Acq On : 16 Feb 2022 17:37
 Operator : CG\JU
 Sample : PB142708TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142708TB

Quant Time: Feb 17 01:08:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	119333	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	491710	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	260094	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	483247	20.000	ng	0.00
76) Chrysene-d12	14.104	240	319934	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	230632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	956745	123.915	ng	0.01
7) Phenol-d6	6.551	99	1275839	122.461	ng	0.00
23) Nitrobenzene-d5	7.492	82	901718	82.775	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	377364	126.014	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1427305	80.787	ng	0.00
79) Terphenyl-d14	13.051	244	1740245	79.961	ng	0.00

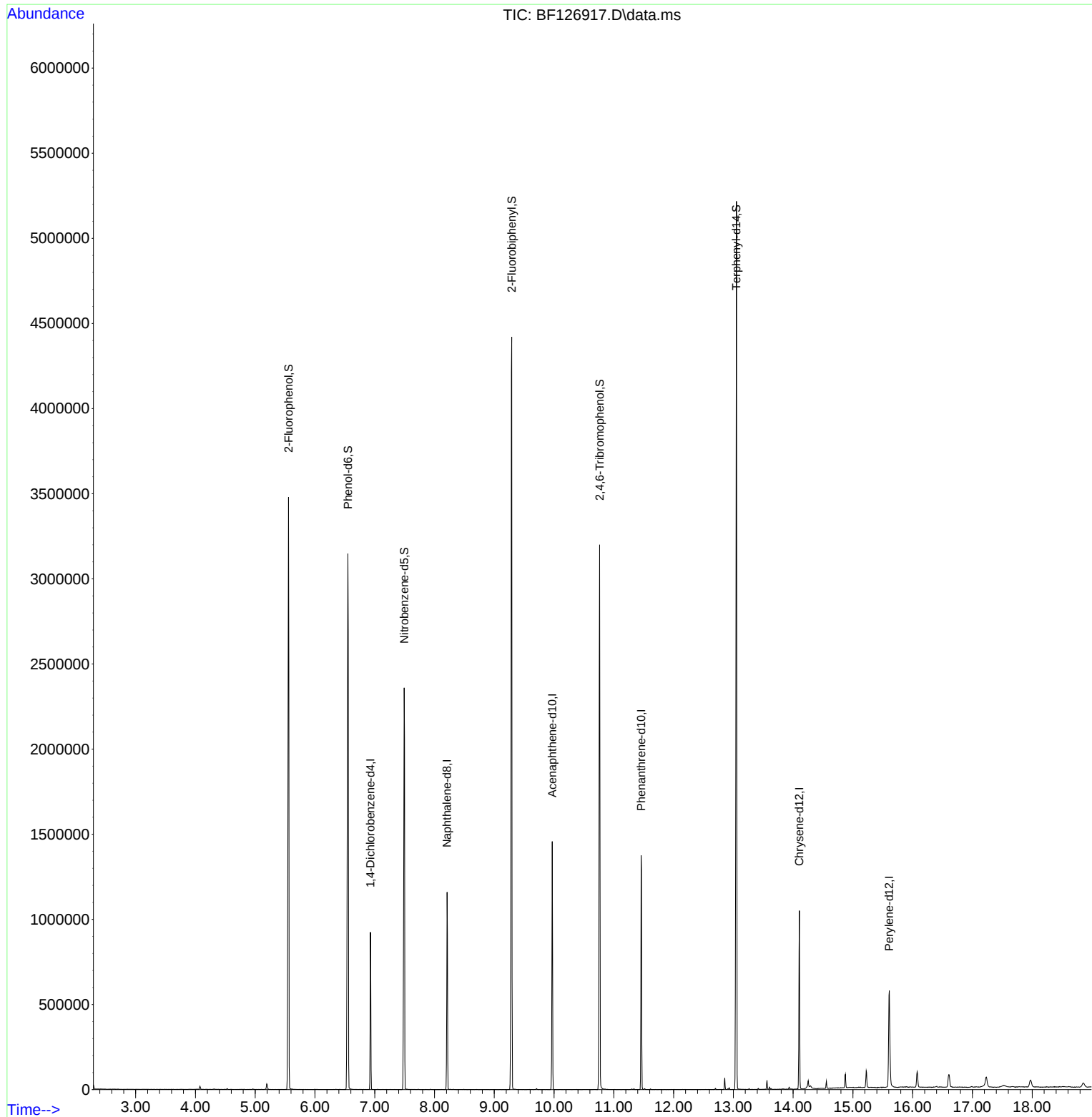
Target Compounds	Qvalue

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

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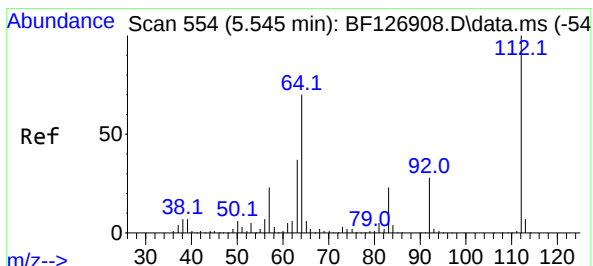
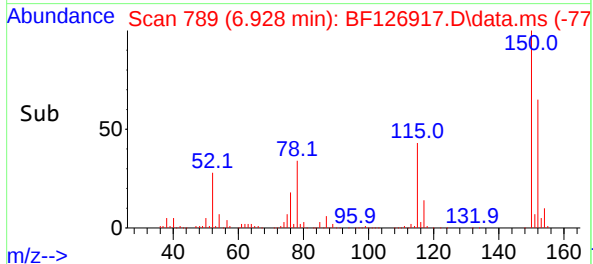
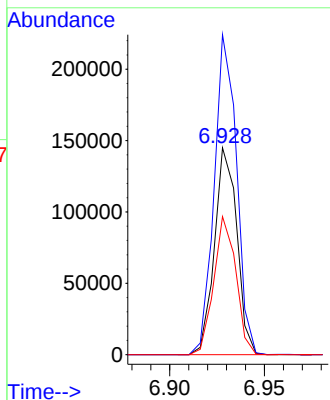
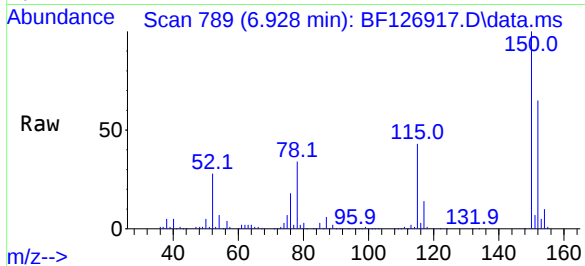




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

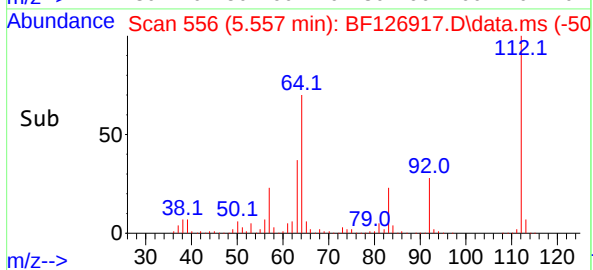
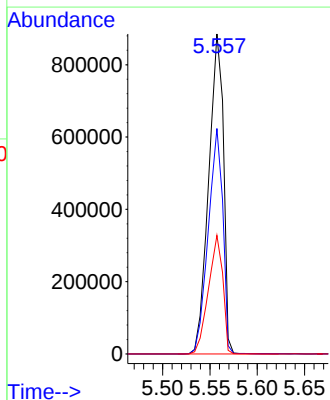
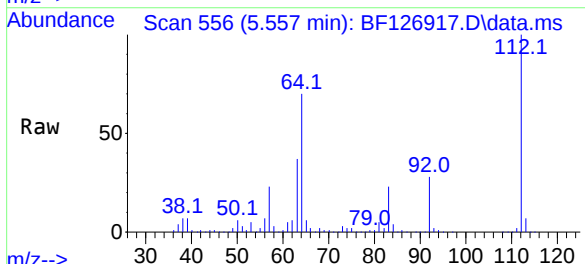
Instrument :
BNA_F
ClientSampleId :
PB142708TB

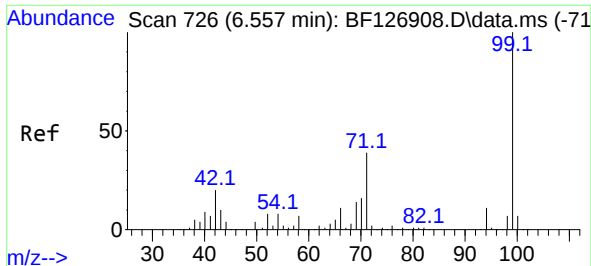
Tgt Ion:152 Resp: 119333
Ion Ratio Lower Upper
152 100
150 154.7 128.1 192.1
115 66.7 56.7 85.1



#5
2-Fluorophenol
Concen: 123.915 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

Tgt Ion:112 Resp: 956745
Ion Ratio Lower Upper
112 100
64 70.5 49.5 74.3
63 37.1 23.9 35.9#

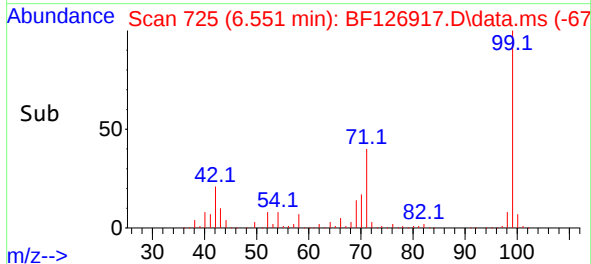
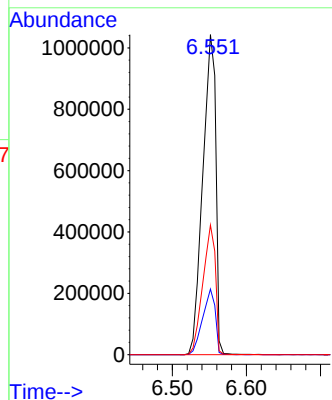
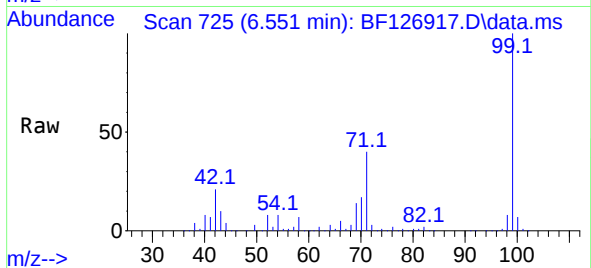




#7
Phenol-d6
Concen: 122.461 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

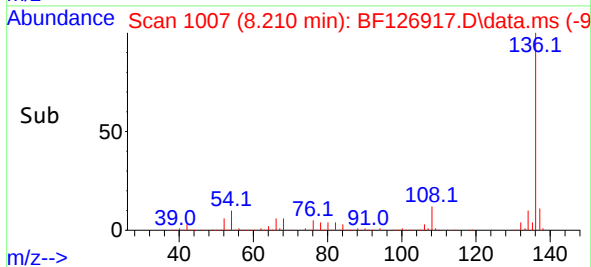
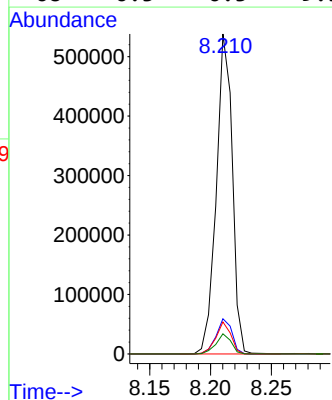
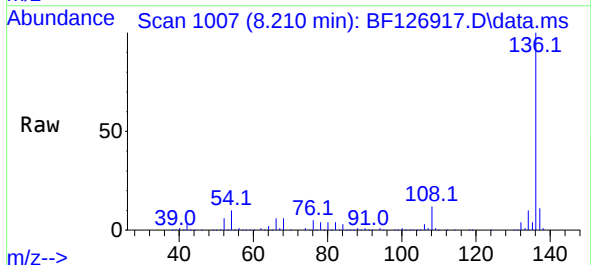
Instrument :
BNA_F
ClientSampleId :
PB142708TB

Tgt Ion: 99 Resp: 1275839
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 40.5 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

Tgt Ion:136 Resp: 491710
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.0 7.8 11.6
68 6.3 6.3 9.5





#23

Nitrobenzene-d5

Concen: 82.775 ng

RT: 7.492 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126917.D

Acq: 16 Feb 2022 17:37

Instrument :

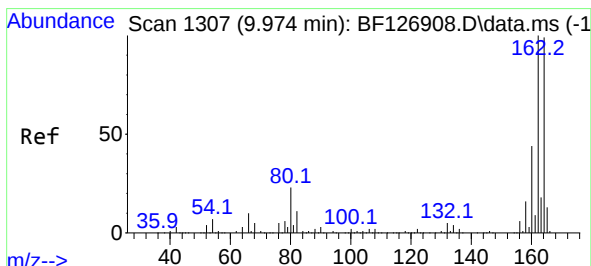
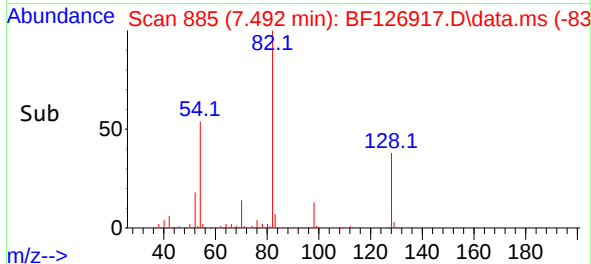
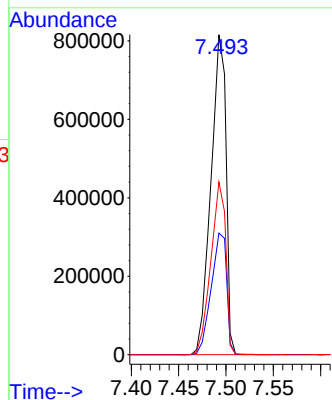
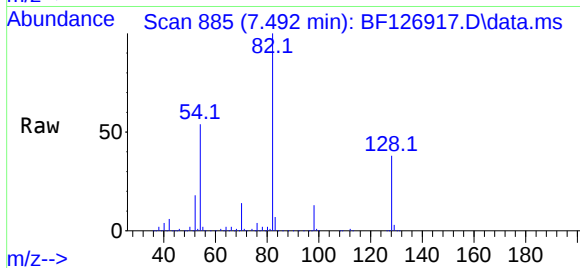
BNA_F

ClientSampleId :

PB142708TB

Tgt Ion: 82 Resp: 901718

Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.7	49.1
54	54.0	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

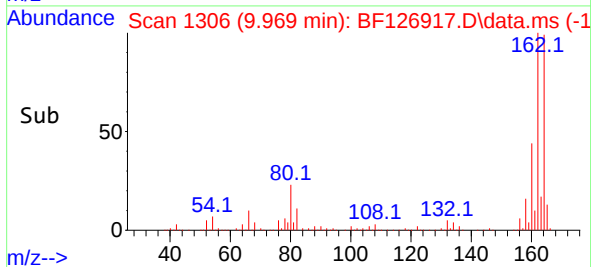
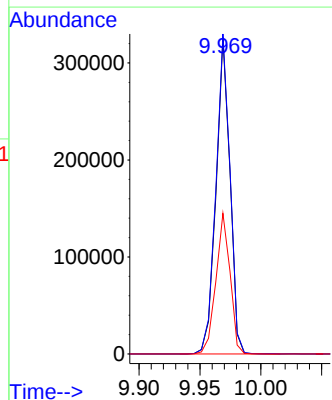
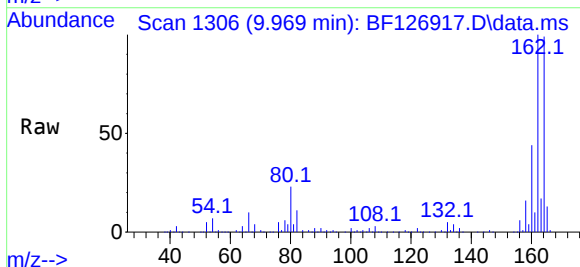
Delta R.T. -0.006 min

Lab File: BF126917.D

Acq: 16 Feb 2022 17:37

Tgt Ion:164 Resp: 260094

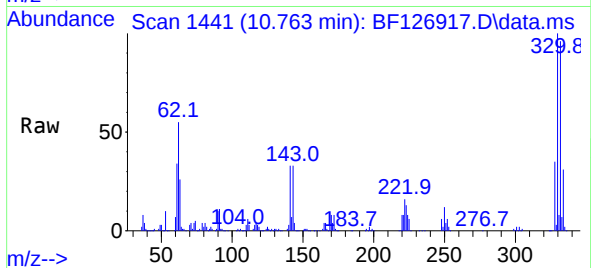
Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.0
160	44.5	36.6	54.8



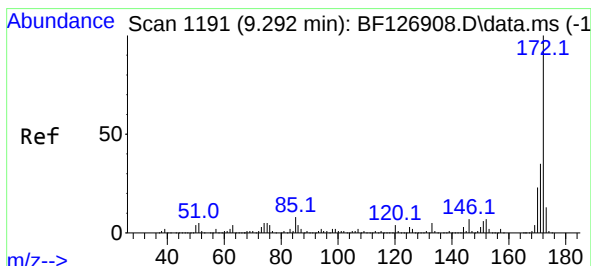
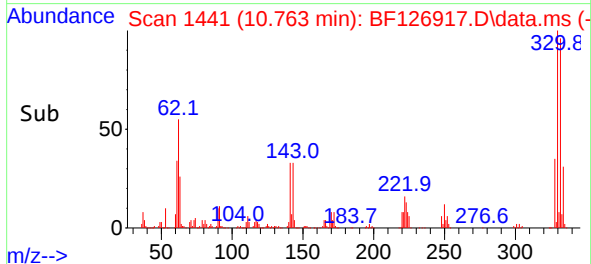
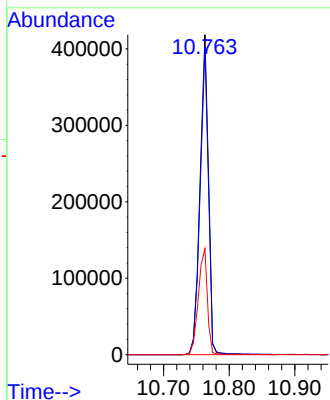


#42
2,4,6-Tribromophenol
Concen: 126.014 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

Instrument :
BNA_F
ClientSampleId :
PB142708TB

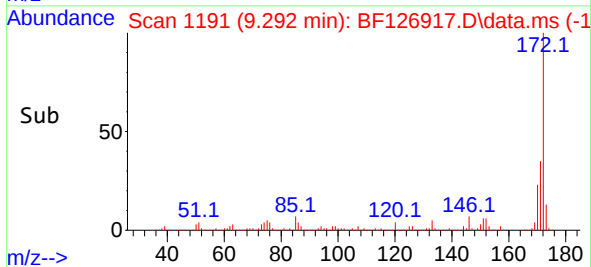
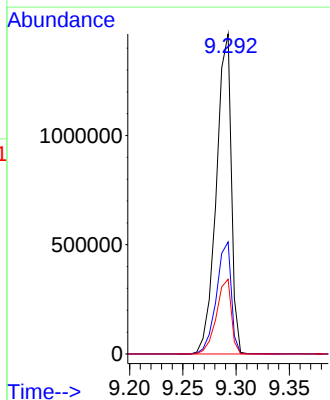
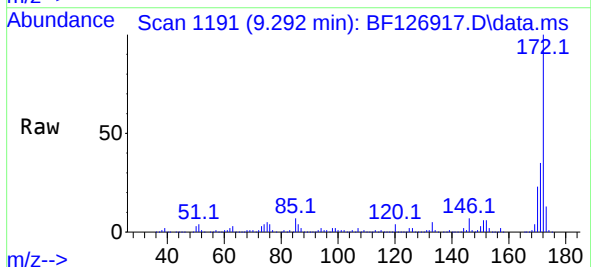


Tgt Ion: 330 Resp: 377364
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 35.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 80.787 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

Tgt Ion: 172 Resp: 1427305
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.3 19.0 28.6

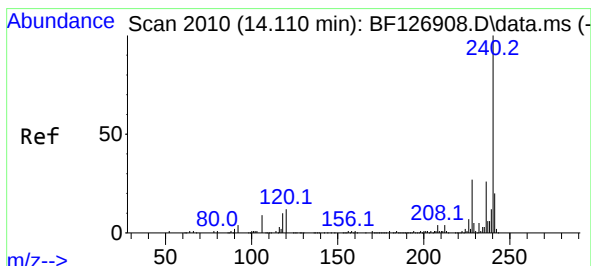
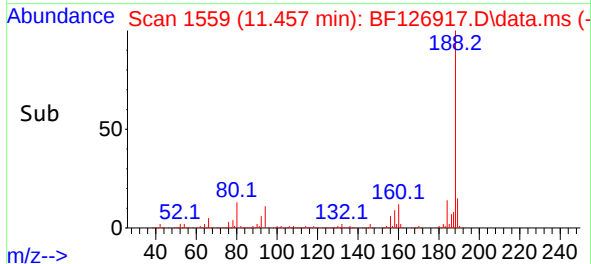
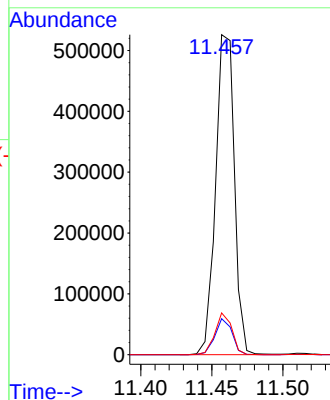
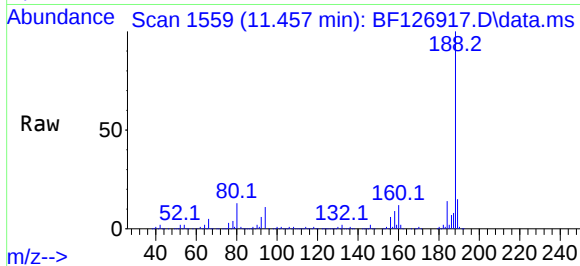




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

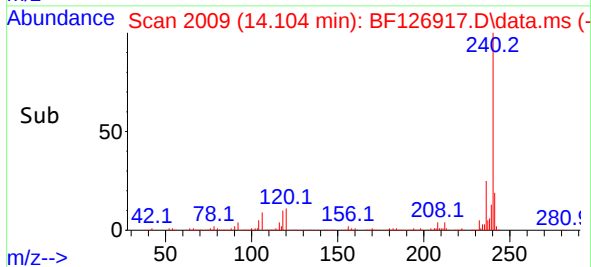
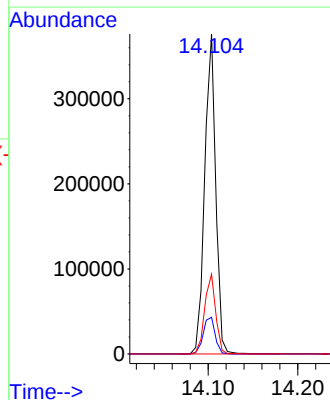
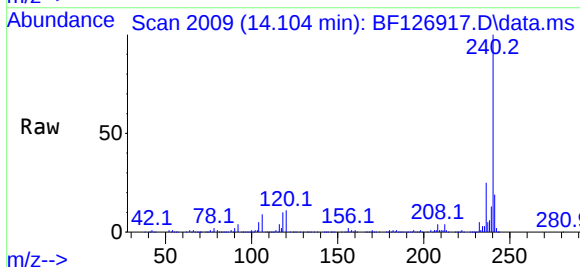
Instrument :
BNA_F
ClientSampleId :
PB142708TB

Tgt Ion:188 Resp: 483247
Ion Ratio Lower Upper
188 100
94 11.3 10.1 15.1
80 13.1 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126917.D
Acq: 16 Feb 2022 17:37

Tgt Ion:240 Resp: 319934
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6#
236 24.9 20.5 30.7

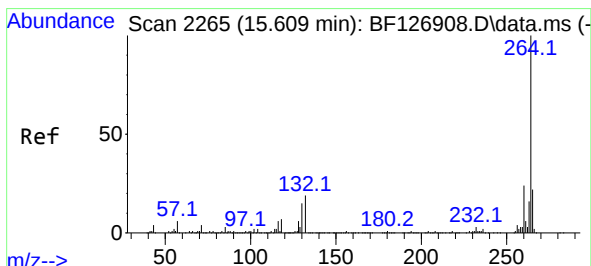
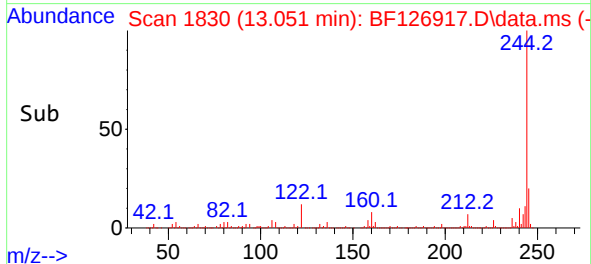
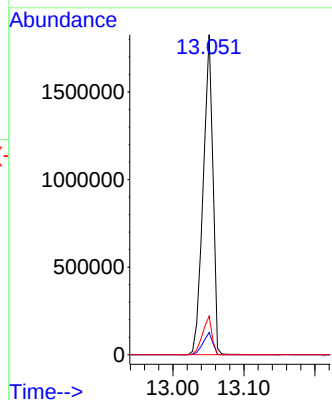
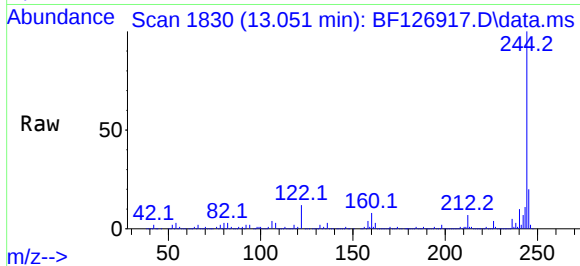




#79
 Terphenyl-d14
 Concen: 79.961 ng
 RT: 13.051 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126917.D
 Acq: 16 Feb 2022 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB142708TB

Tgt Ion:244 Resp: 1740245
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 12.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF126917.D
 Acq: 16 Feb 2022 17:37

Tgt Ion:264 Resp: 230632
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.2 17.4 26.2

