

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126915.D
 Acq On : 16 Feb 2022 16:41
 Operator : CG\JU
 Sample : PB142708BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142708BL

Quant Time: Feb 17 01:07:14 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	122666	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	513750	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	270152	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	503430	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	363782	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	303992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	989946	124.732	ng	0.01
7) Phenol-d6	6.551	99	1317507	123.025	ng	0.00
23) Nitrobenzene-d5	7.492	82	934861	82.135	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	391067	125.727	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1477590	80.519	ng	0.00
79) Terphenyl-d14	13.057	244	1836372	74.208	ng	0.00

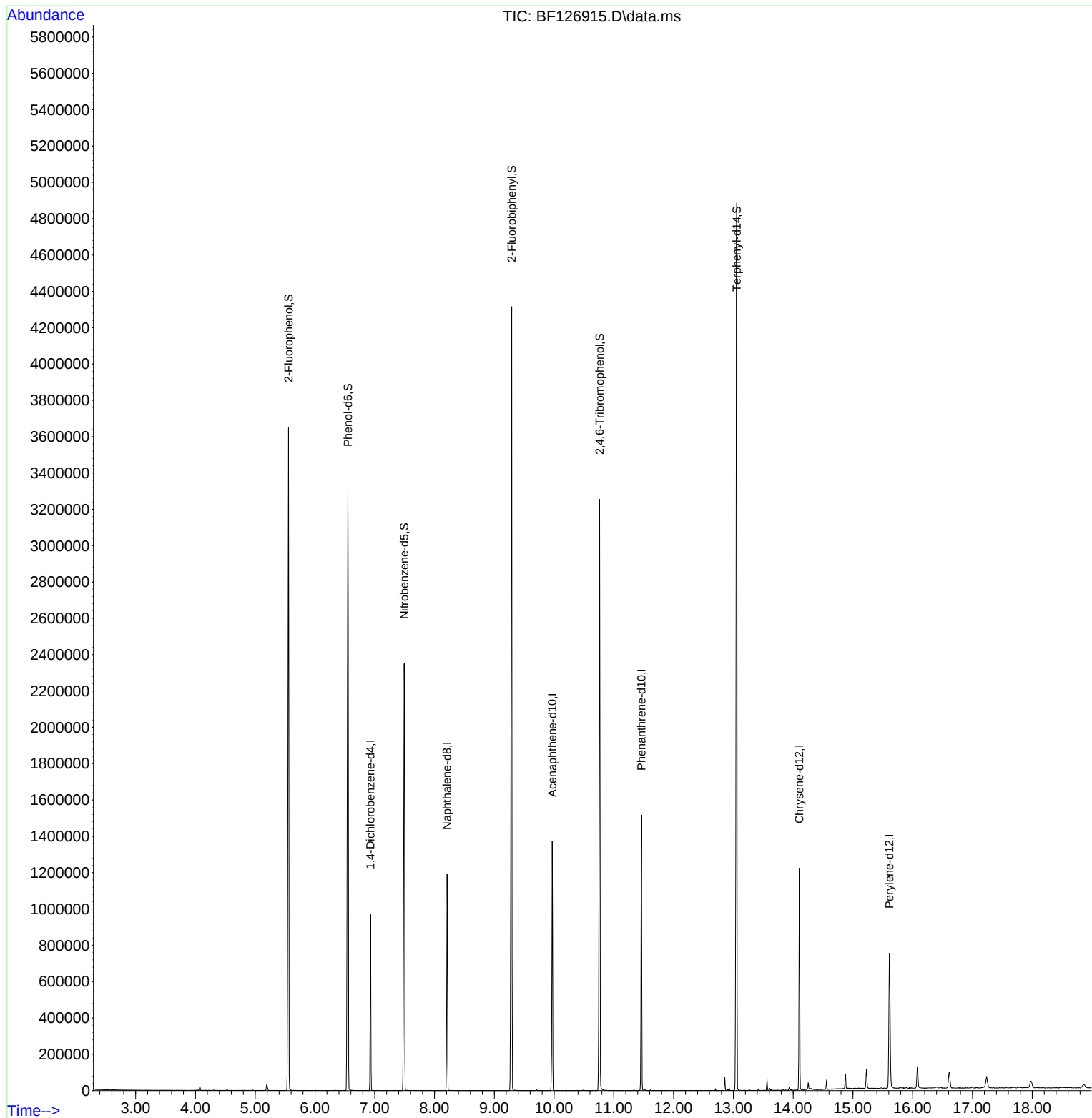
Target Compounds	Qvalue

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

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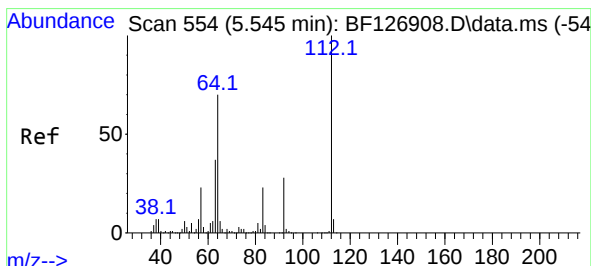
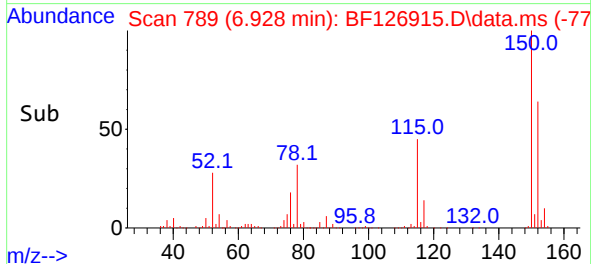
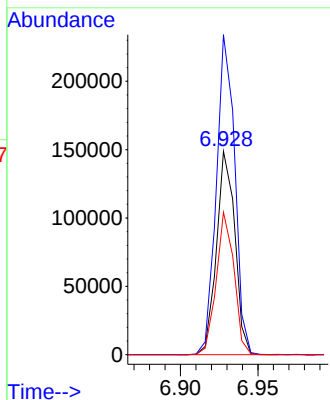
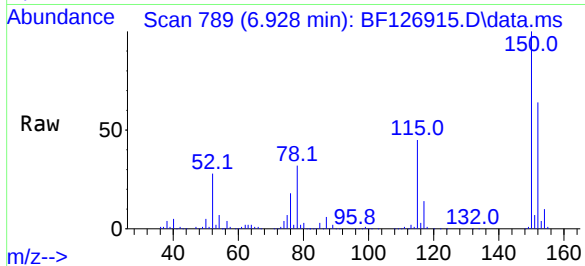




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126915.D
Acq: 16 Feb 2022 16:41

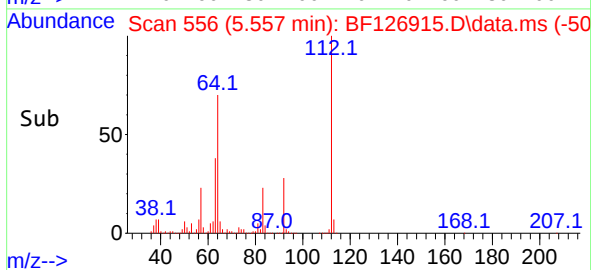
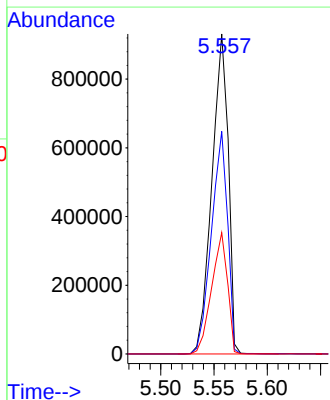
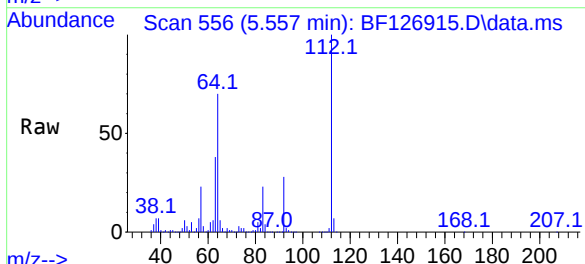
Instrument :
BNA_F
ClientSampleId :
PB142708BL

Tgt Ion:152 Resp: 122666
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 70.0 56.7 85.1



#5
2-Fluorophenol
Concen: 124.732 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126915.D
Acq: 16 Feb 2022 16:41

Tgt Ion:112 Resp: 989946
Ion Ratio Lower Upper
112 100
64 69.6 49.5 74.3
63 37.9 23.9 35.9#

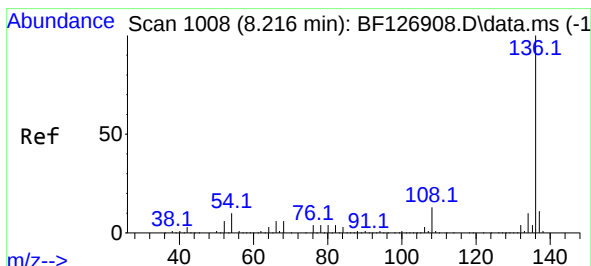
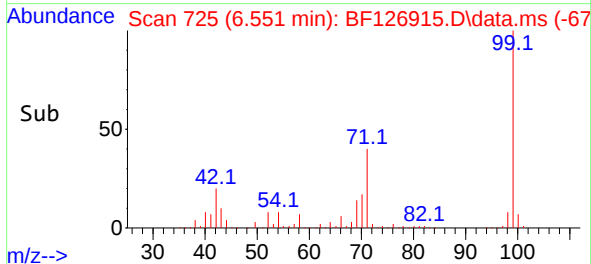
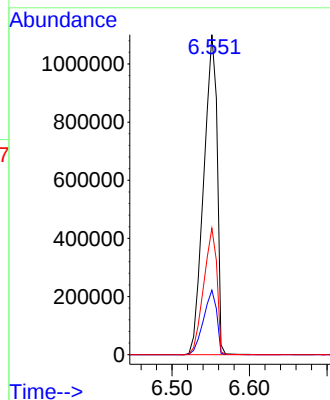
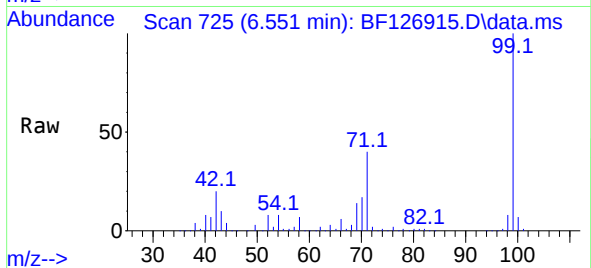




#7
Phenol-d6
Concen: 123.025 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126915.D
Acq: 16 Feb 2022 16:41

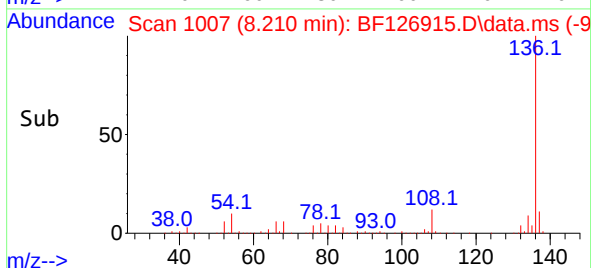
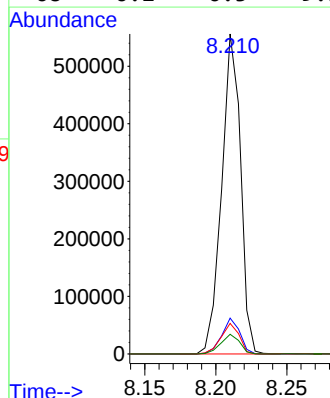
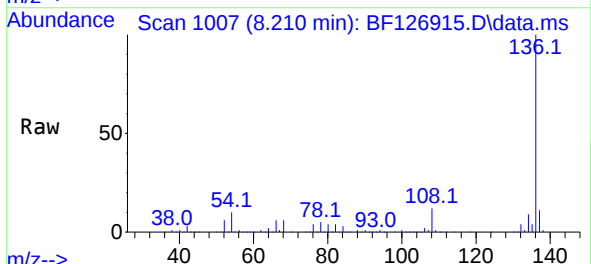
Instrument :
BNA_F
ClientSampleId :
PB142708BL

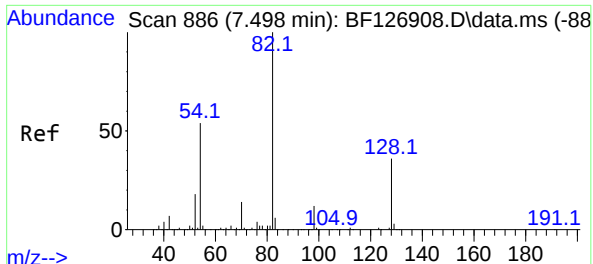
Tgt Ion: 99 Resp: 1317507
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 39.5 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126915.D
Acq: 16 Feb 2022 16:41

Tgt Ion:136 Resp: 513750
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.6 7.8 11.6
68 6.2 6.3 9.5#

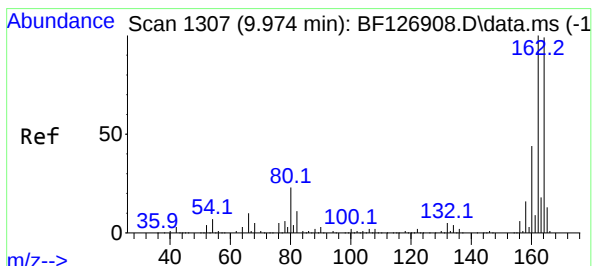
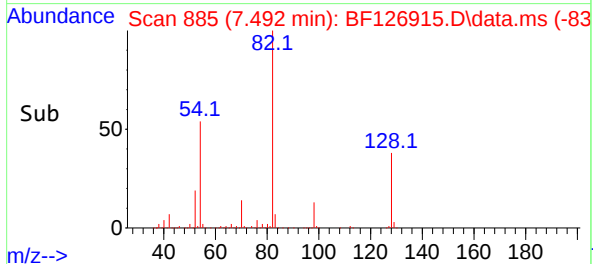
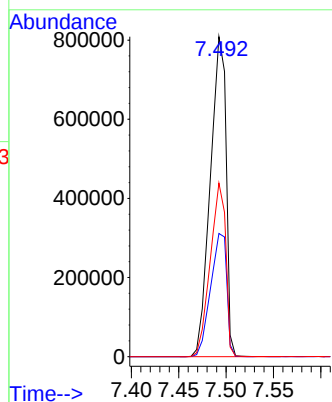
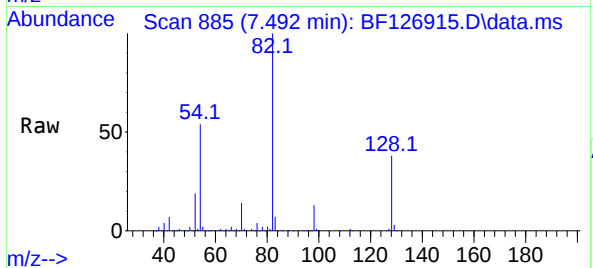




#23
Nitrobenzene-d5
Concen: 82.135 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126915.D
Acq: 16 Feb 2022 16:41

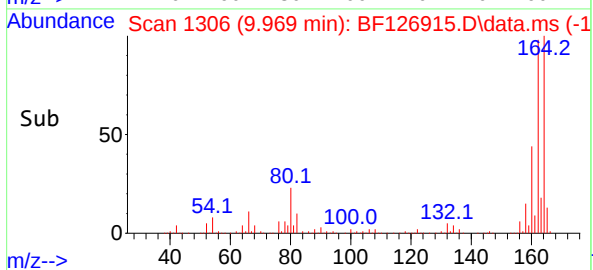
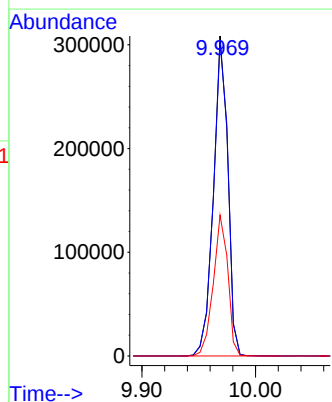
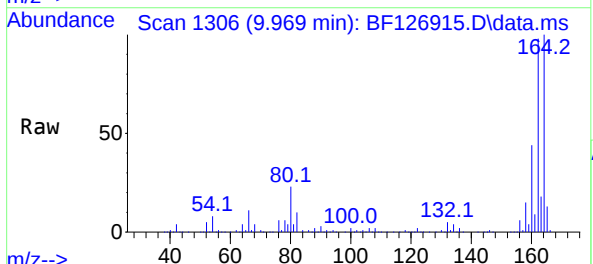
Instrument :
BNA_F
ClientSampleId :
PB142708BL

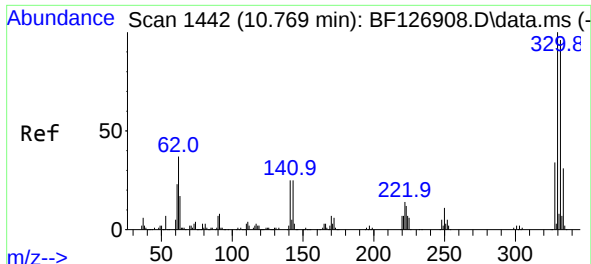
Tgt Ion: 82 Resp: 934861
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 54.3 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126915.D
Acq: 16 Feb 2022 16:41

Tgt Ion: 164 Resp: 270152
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 125.727 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126915.D

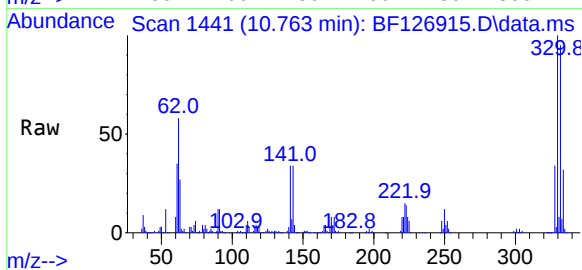
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Instrument :

BNA_F

ClientSampleId :

PB142708BL



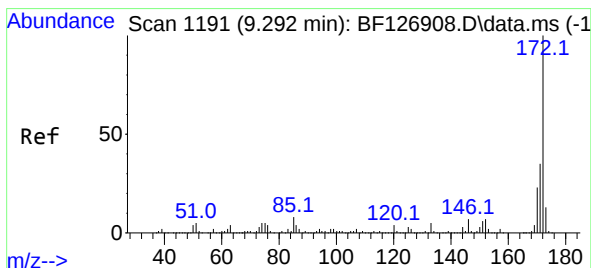
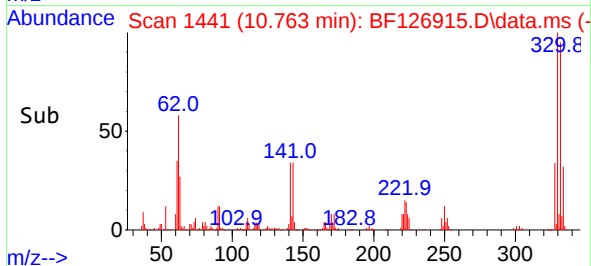
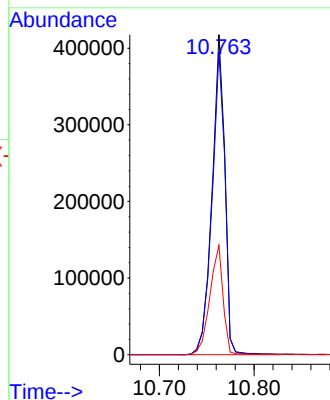
Tgt Ion:330 Resp: 391067

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 80.519 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126915.D

Acq: 16 Feb 2022 16:41

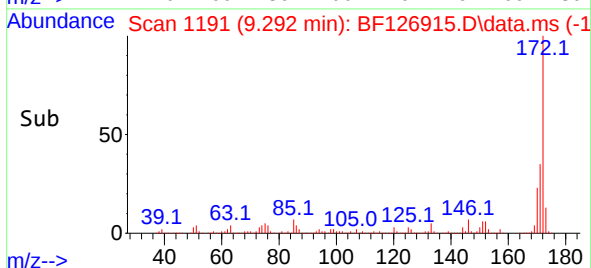
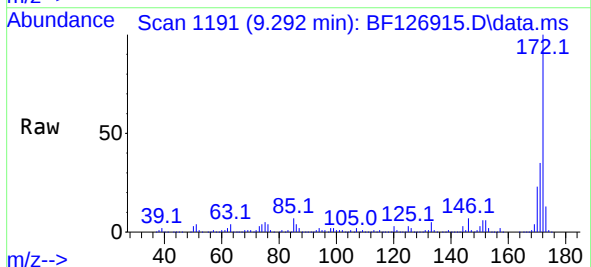
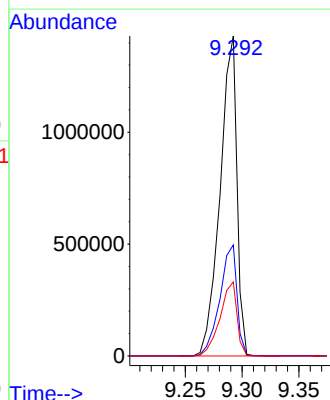
Tgt Ion:172 Resp: 1477590

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.2 19.0 28.6

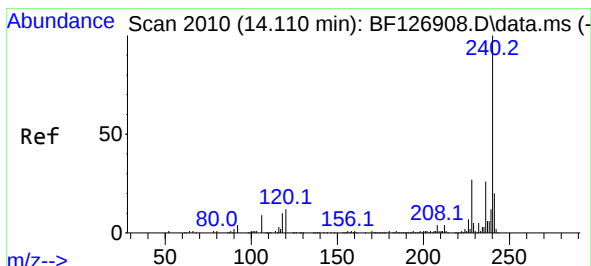
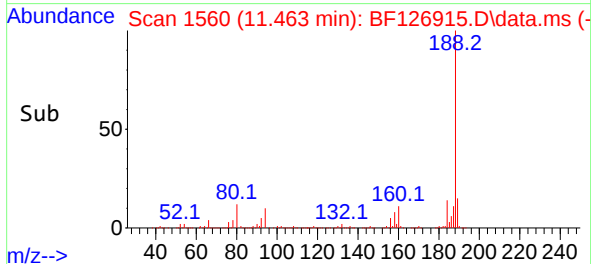
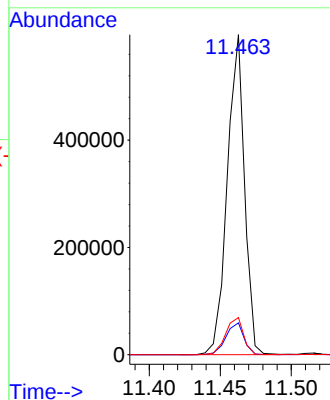
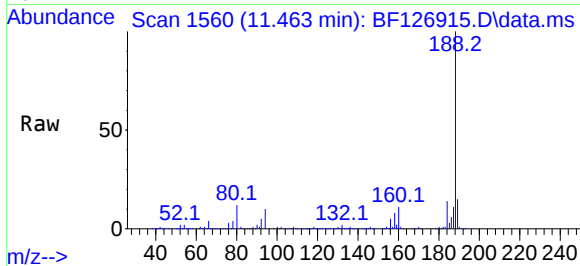




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126915.D
Acq: 16 Feb 2022 16:41

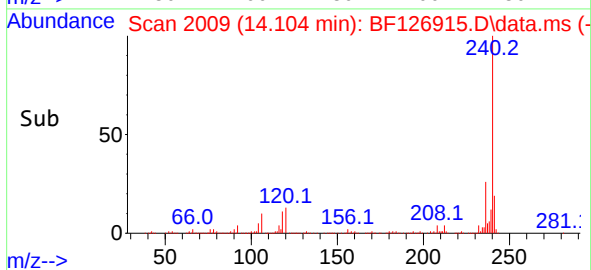
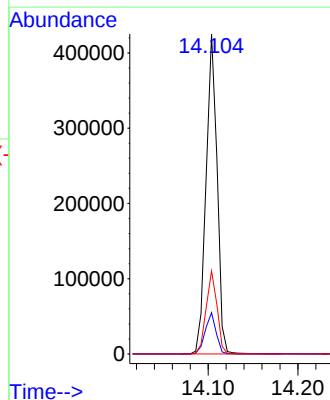
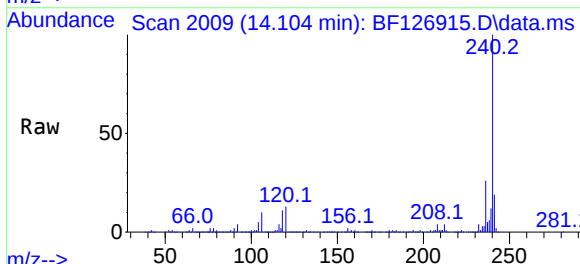
Instrument :
BNA_F
ClientSampleId :
PB142708BL

Tgt Ion:188 Resp: 503430
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1#
80 11.6 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: BF126915.D
Acq: 16 Feb 2022 16:41

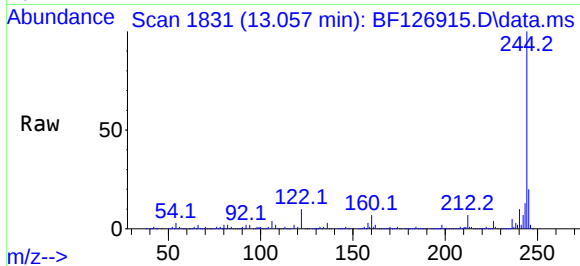
Tgt Ion:240 Resp: 363782
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 26.0 20.5 30.7



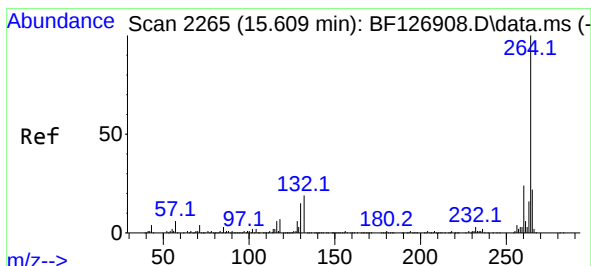
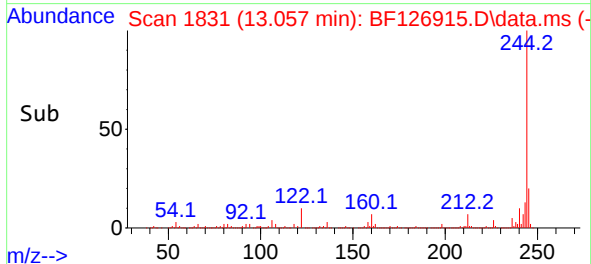
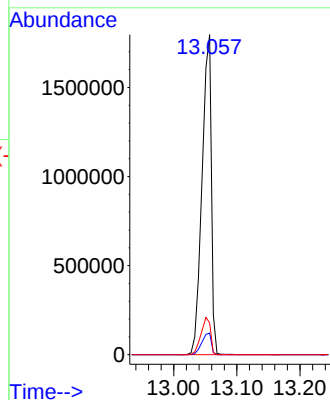


#79
 Terphenyl-d14
 Concen: 74.208 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. 0.006 min
 Lab File: BF126915.D
 Acq: 16 Feb 2022 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB142708BL



Tgt Ion:244 Resp: 1836372
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 9.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126915.D
 Acq: 16 Feb 2022 16:41

Tgt Ion:264 Resp: 303992
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.4 26.2

