

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126903.D
 Acq On : 15 Feb 2022 20:35
 Operator : CG\JU
 Sample : SP5822
 Misc : 8270 SURROGATE
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5822

Quant Time: Feb 16 00:21:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	92403	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	360721	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	162931	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	243329	20.000	ng	0.00
76) Chrysene-d12	14.115	240	181458	20.000	ng	0.00
86) Perylene-d12	15.627	264	129672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	804702	134.083	ng	0.01
7) Phenol-d6	6.563	99	1033741	127.591	ng	0.00
23) Nitrobenzene-d5	7.504	82	732790	93.731	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	214882	123.019	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1076700	99.474	ng	0.00
79) Terphenyl-d14	13.057	244	978760	77.325	ng	0.00

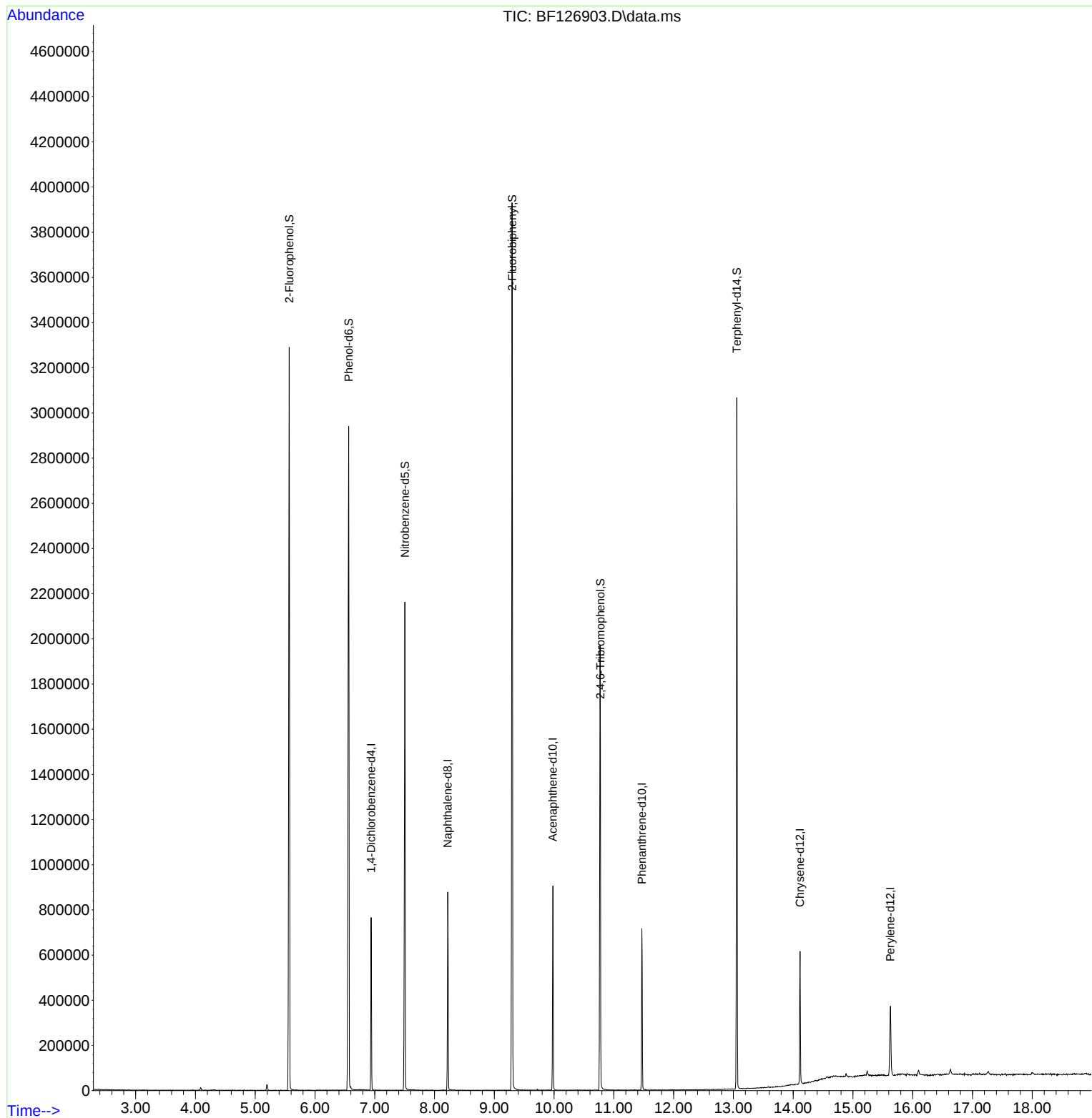
Target Compounds	Qvalue

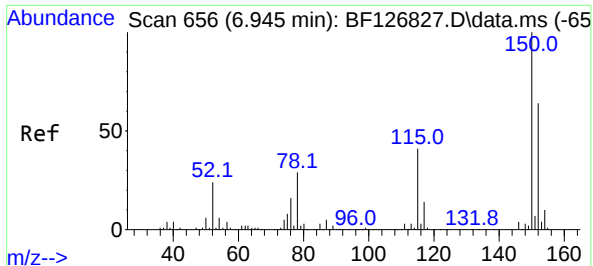
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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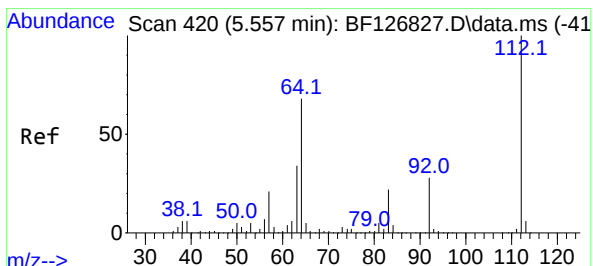
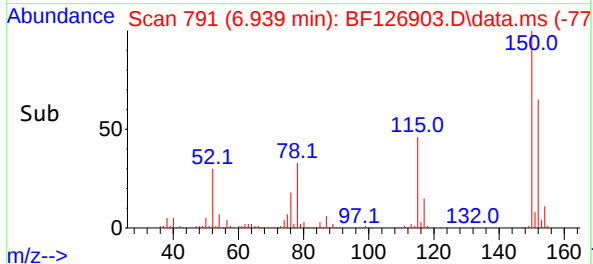
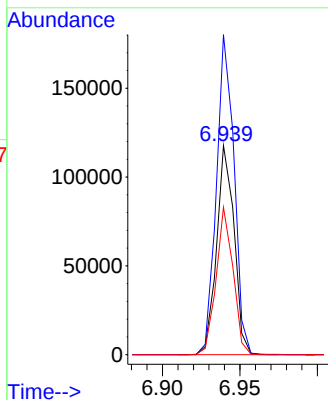
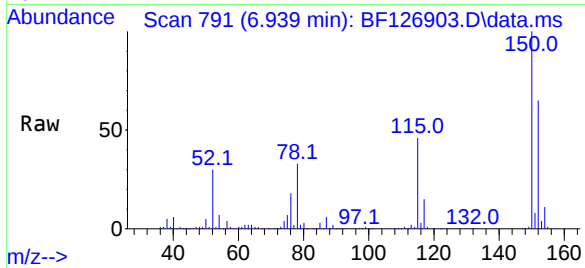




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126903.D
Acq: 15 Feb 2022 20:35

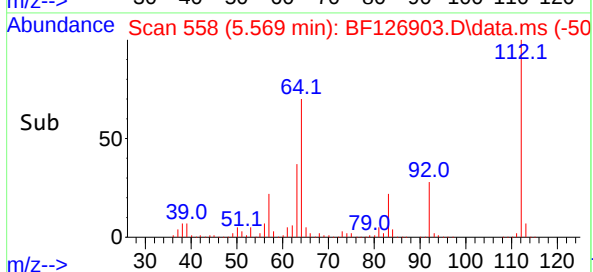
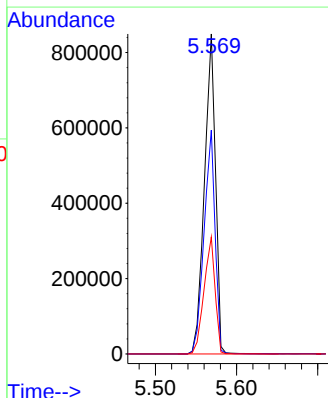
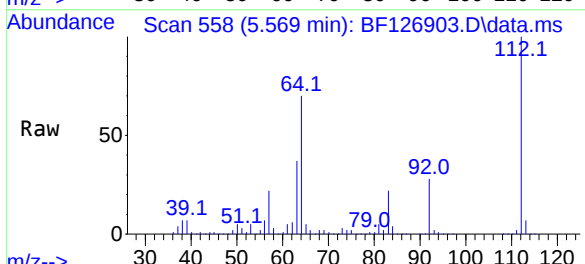
Instrument :
BNA_F
ClientSampleId :
SP5822

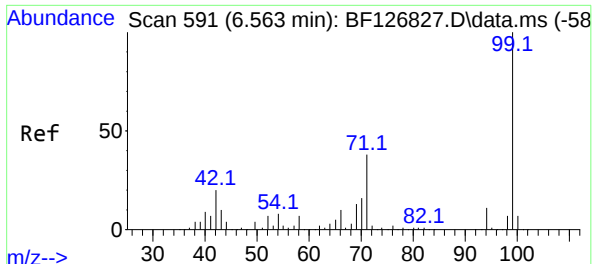
Tgt Ion:152 Resp: 92403
Ion Ratio Lower Upper
152 100
150 153.0 124.3 186.5
115 70.5 50.5 75.7



#5
2-Fluorophenol
Concen: 134.083 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.012 min
Lab File: BF126903.D
Acq: 15 Feb 2022 20:35

Tgt Ion:112 Resp: 804702
Ion Ratio Lower Upper
112 100
64 70.0 54.3 81.5
63 36.6 27.5 41.3

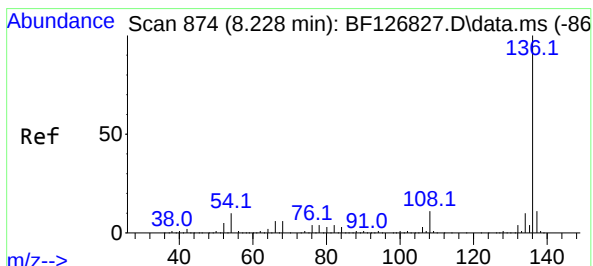
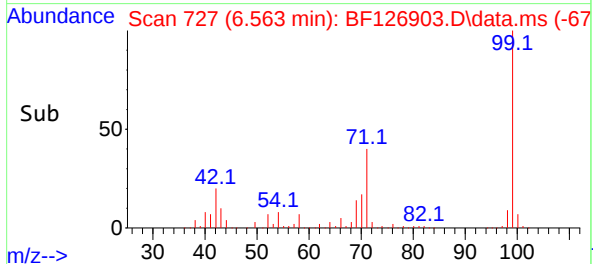
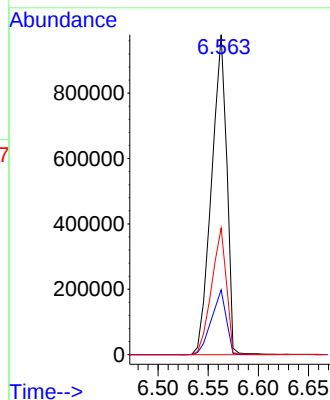
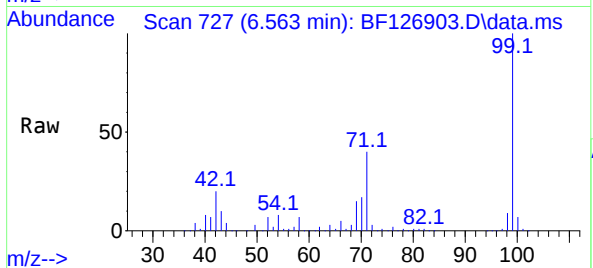




#7
Phenol-d6
Concen: 127.591 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126903.D
Acq: 15 Feb 2022 20:35

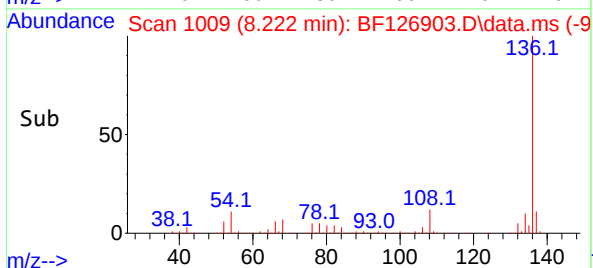
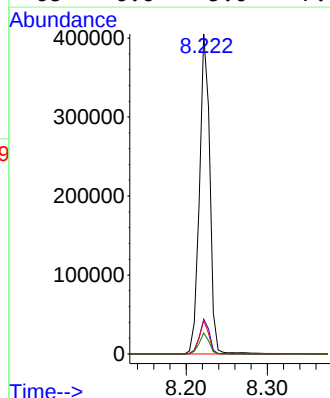
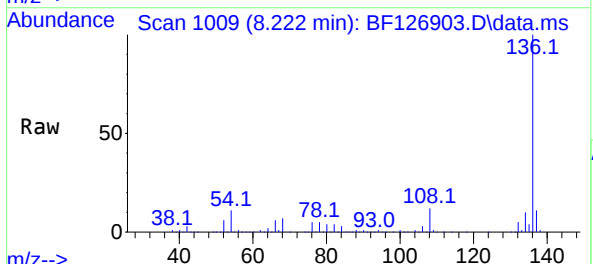
Instrument :
BNA_F
ClientSampleId :
SP5822

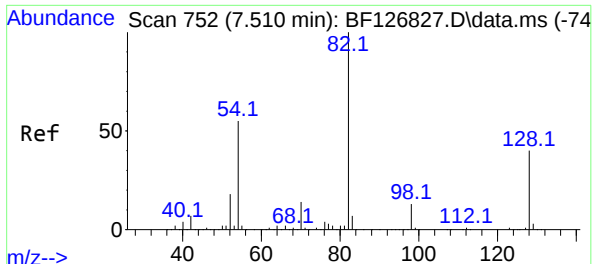
Tgt Ion: 99 Resp: 1033741
Ion Ratio Lower Upper
99 100
42 20.3 15.8 23.6
71 39.6 30.6 45.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126903.D
Acq: 15 Feb 2022 20:35

Tgt Ion:136 Resp: 360721
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.5 8.0 12.0
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.731 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126903.D

Acq: 15 Feb 2022 20:35

Instrument :

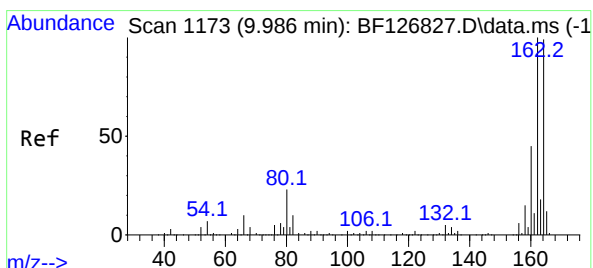
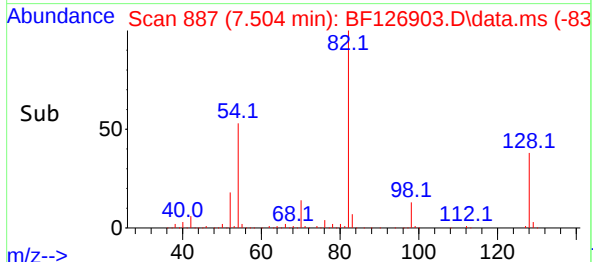
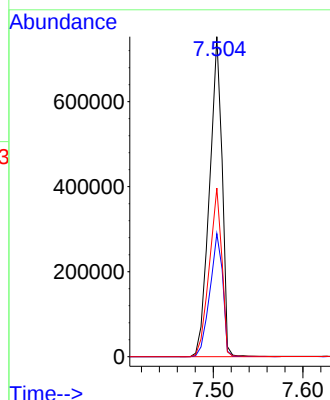
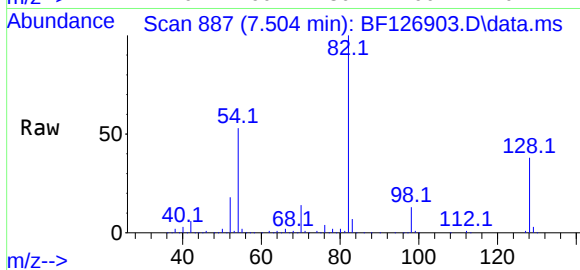
BNA_F

ClientSampleId :

SP5822

Tgt Ion: 82 Resp: 732790

Ion	Ratio	Lower	Upper
82	100		
128	38.4	31.6	47.4
54	52.7	43.7	65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

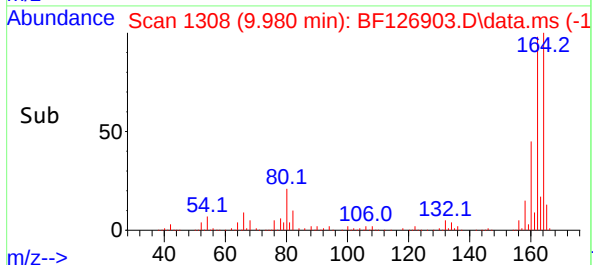
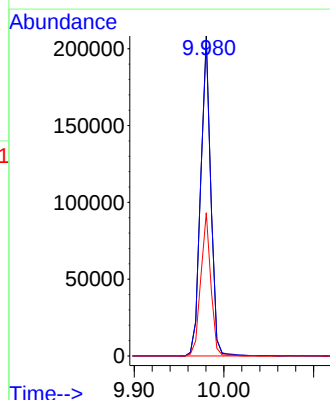
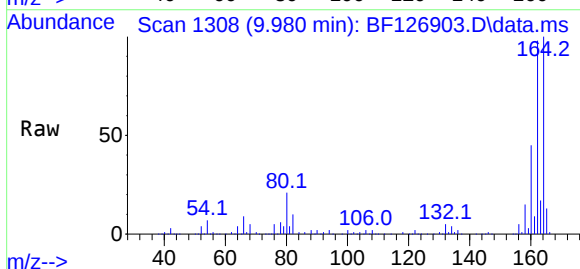
Delta R.T. -0.006 min

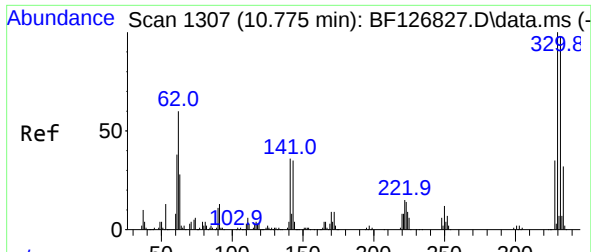
Lab File: BF126903.D

Acq: 15 Feb 2022 20:35

Tgt Ion:164 Resp: 162931

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.9	121.3
160	44.8	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 123.019 ng

RT: 10.774 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF126903.D

Acq: 15 Feb 2022 20:35

Instrument :

BNA_F

ClientSampleId :

SP5822

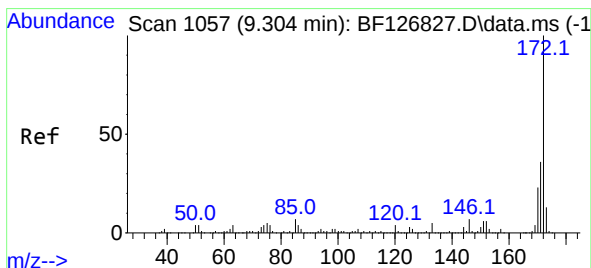
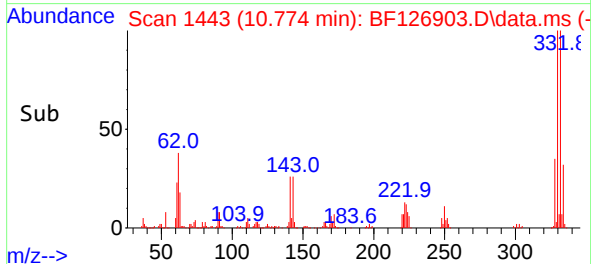
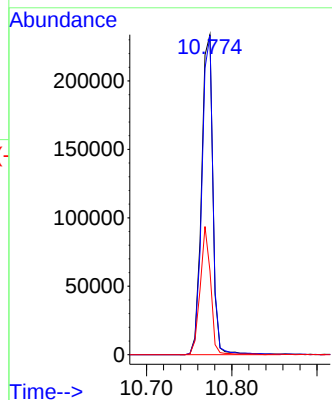
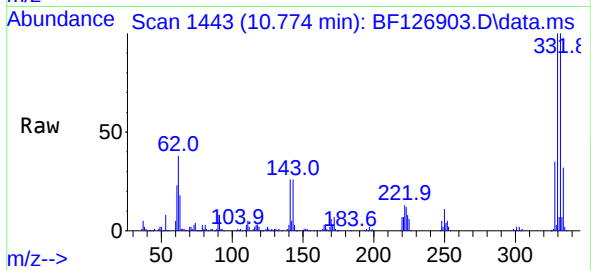
Tgt Ion:330 Resp: 214882

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 36.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 99.474 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126903.D

Acq: 15 Feb 2022 20:35

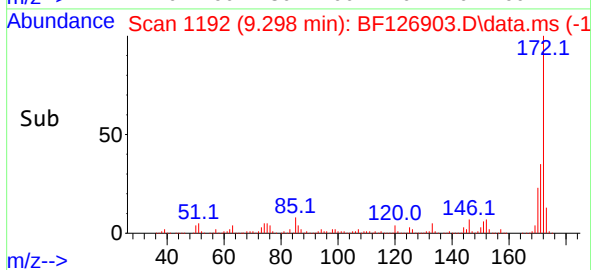
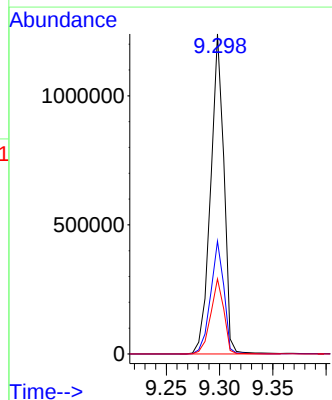
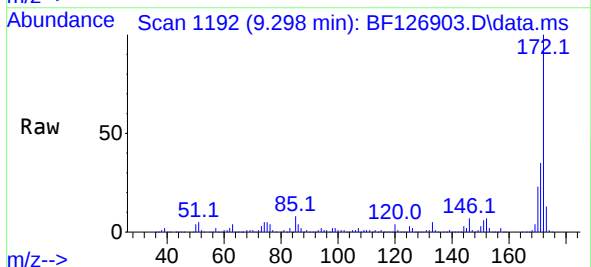
Tgt Ion:172 Resp: 1076700

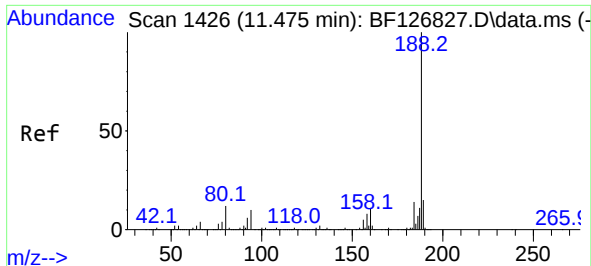
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.4 18.7 28.1

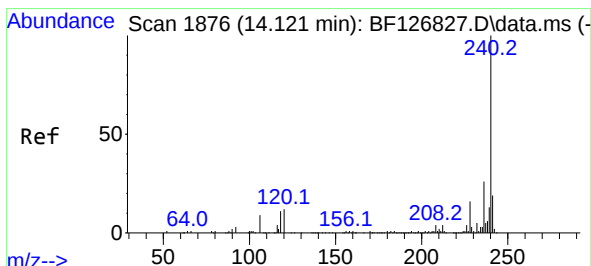
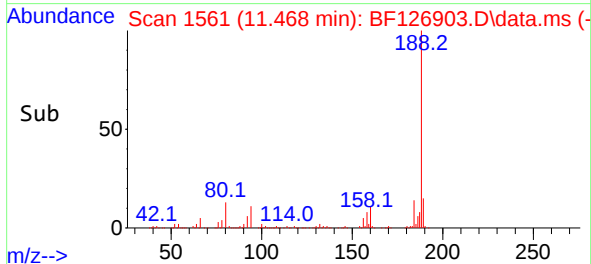
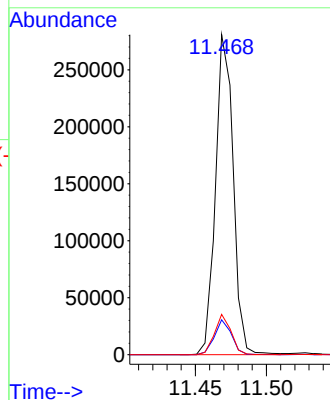
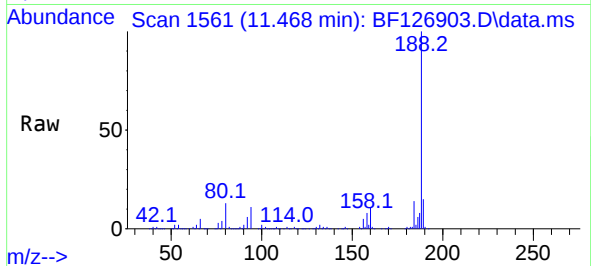




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126903.D
Acq: 15 Feb 2022 20:35

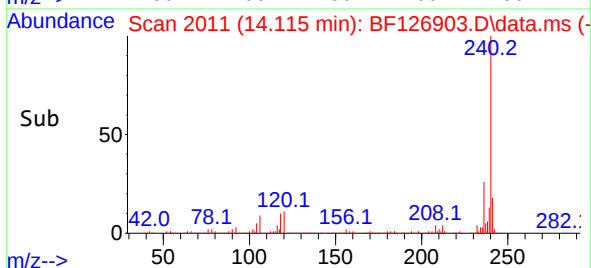
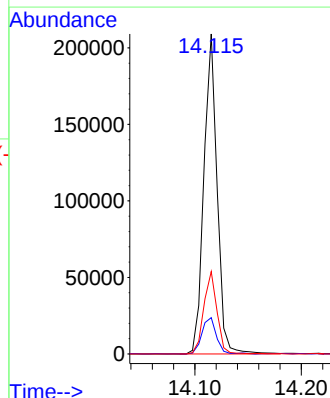
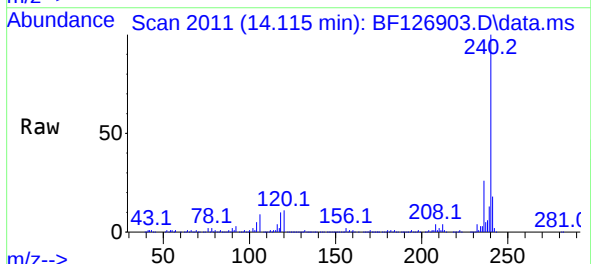
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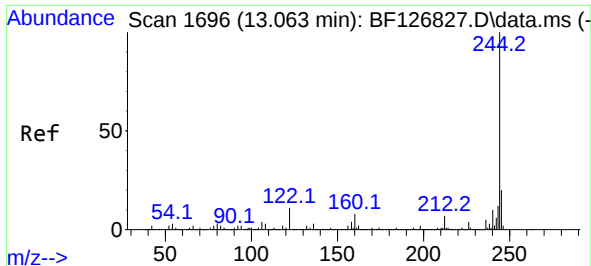
Tgt Ion:188 Resp: 243329
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 12.6 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF126903.D
Acq: 15 Feb 2022 20:35

Tgt Ion:240 Resp: 181458
Ion Ratio Lower Upper
240 100
120 11.3 9.8 14.6
236 25.7 20.5 30.7

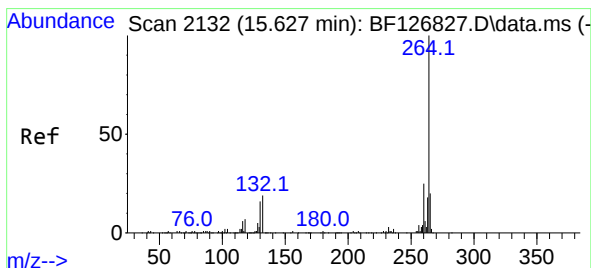
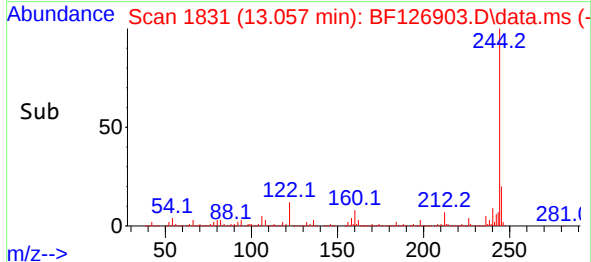
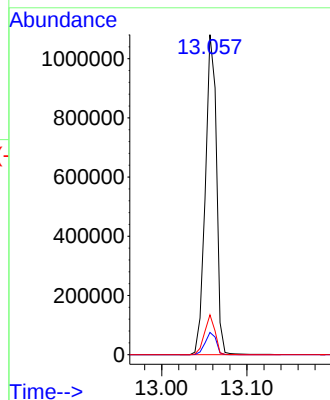
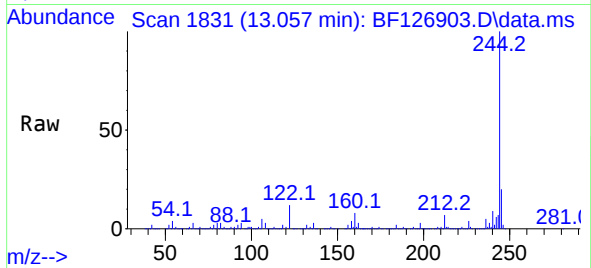




#79
 Terphenyl-d14
 Concen: 77.325 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126903.D
 Acq: 15 Feb 2022 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SP5822

Tgt Ion:244 Resp: 978760
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BF126903.D
 Acq: 15 Feb 2022 20:35

Tgt Ion:264 Resp: 129672
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 20.9 15.9 23.9

