

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126968.D
 Acq On : 21 Feb 2022 12:22
 Operator : CG\JU
 Sample : PB142473BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142473BL

Quant Time: Feb 21 13:18:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	103390	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	422759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	214544	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	396127	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	317773	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	299003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	827568	123.713	ng	0.01
7) Phenol-d6	6.545	99	1073009	118.874	ng	0.00
23) Nitrobenzene-d5	7.487	82	774353	82.676	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	320595	129.786	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1235871	84.803	ng	0.00
79) Terphenyl-d14	13.039	244	1524512	70.525	ng	0.00

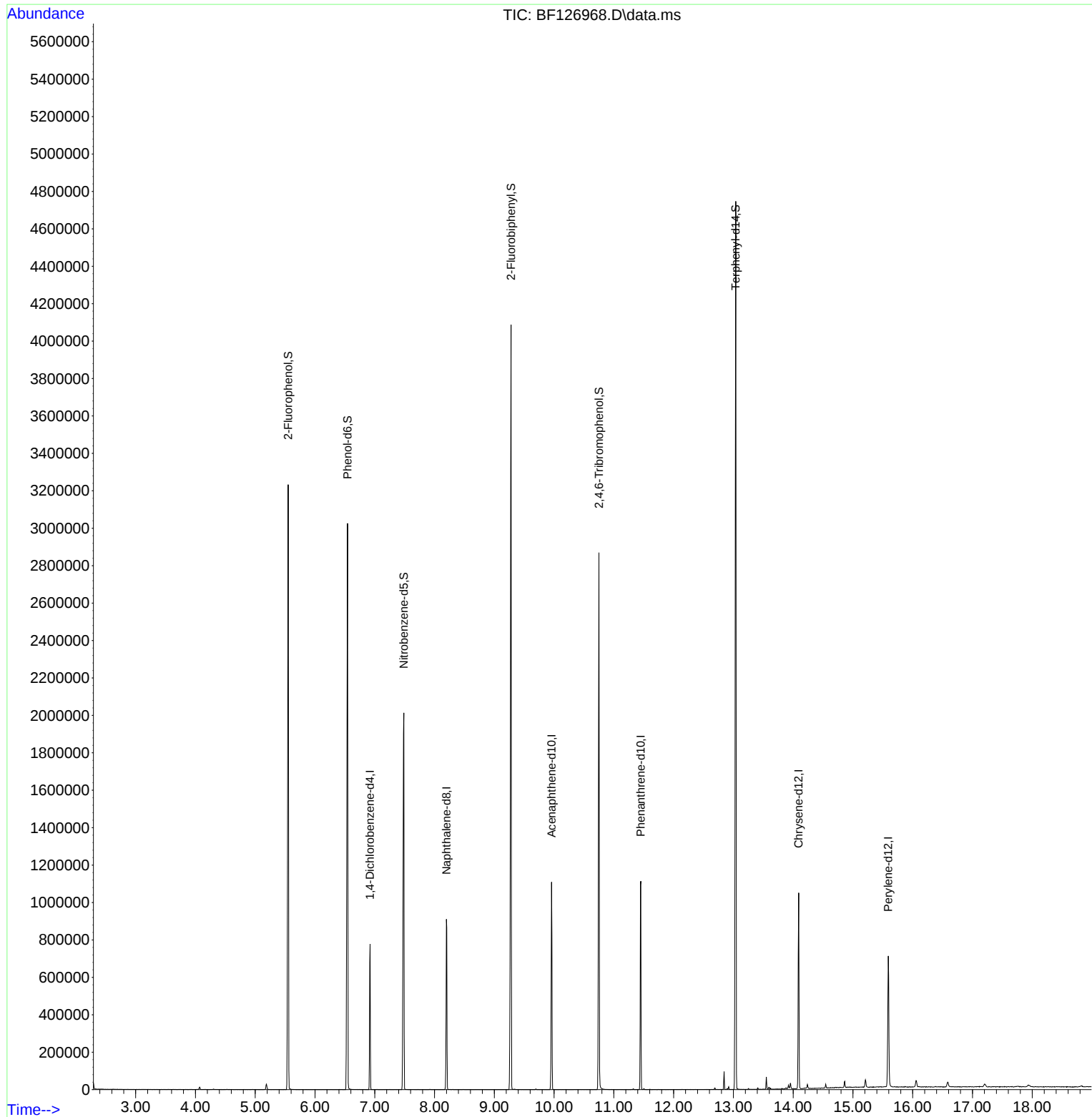
Target Compounds	Qvalue

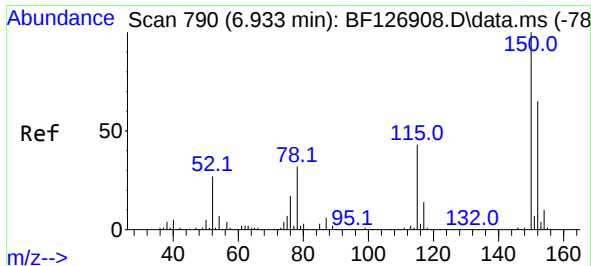
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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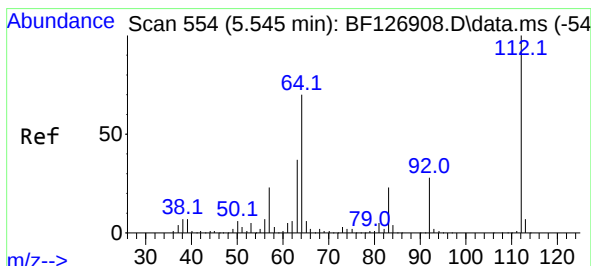
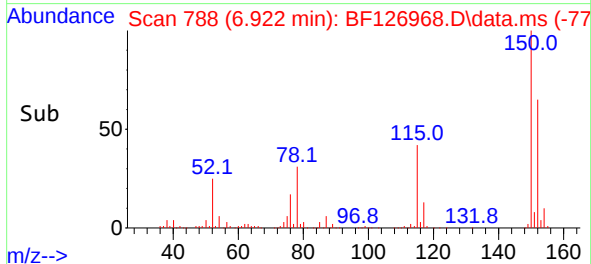
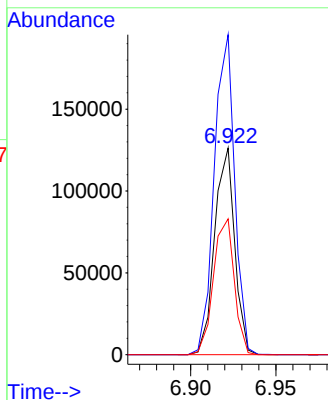
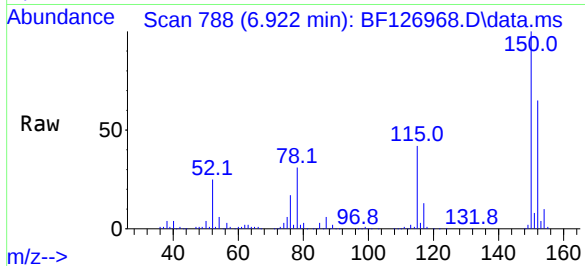




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

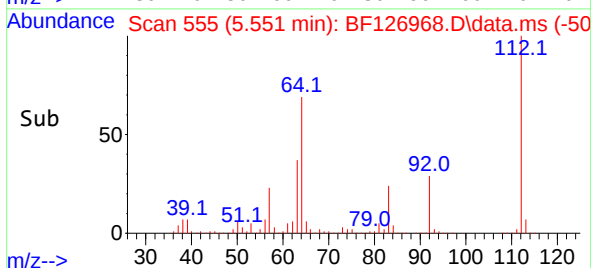
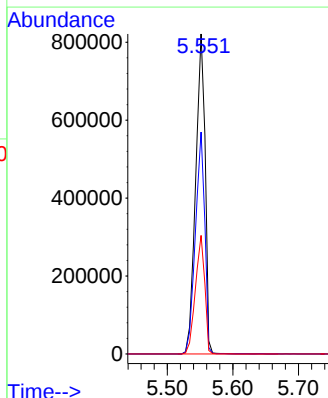
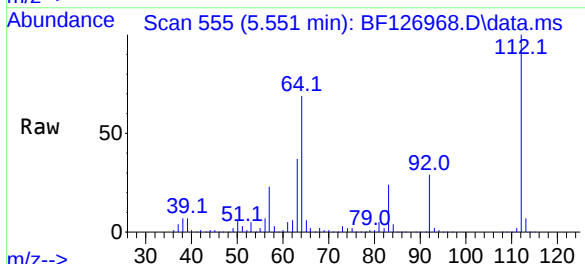
Instrument :
BNA_F
ClientSampleId :
PB142473BL

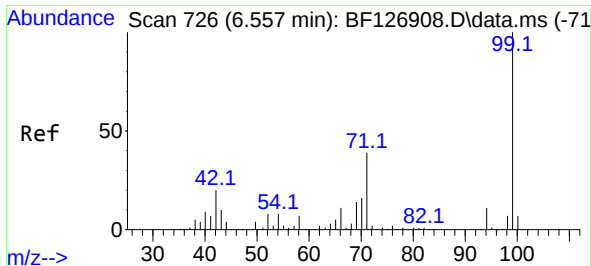
Tgt Ion:152 Resp: 103390
Ion Ratio Lower Upper
152 100
150 154.8 128.1 192.1
115 65.7 56.7 85.1



#5
2-Fluorophenol
Concen: 123.713 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion:112 Resp: 827568
Ion Ratio Lower Upper
112 100
64 69.4 49.5 74.3
63 37.1 23.9 35.9#

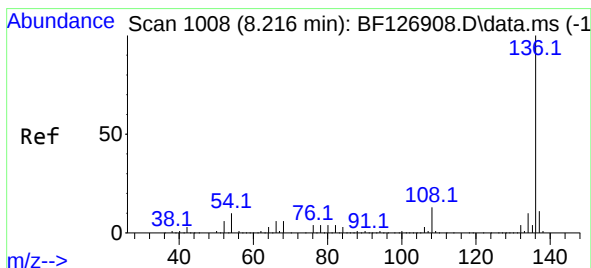
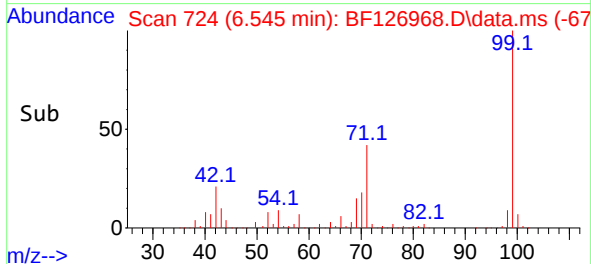
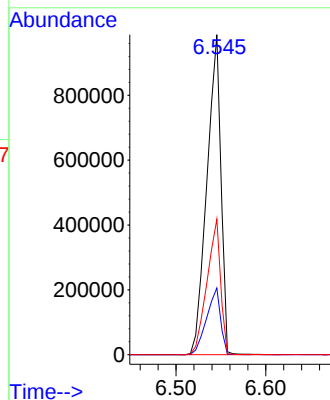
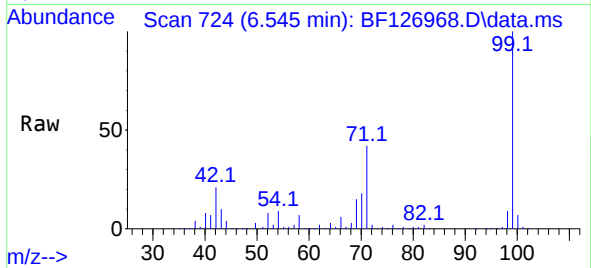




#7
Phenol-d6
Concen: 118.874 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

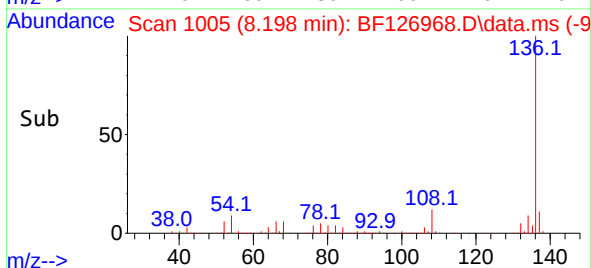
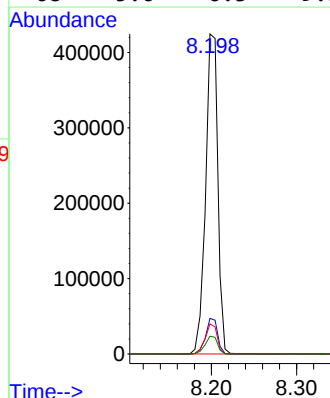
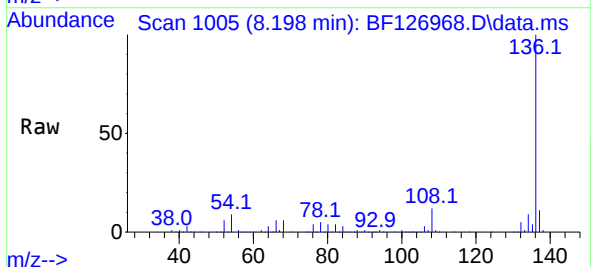
Instrument :
BNA_F
ClientSampleId :
PB142473BL

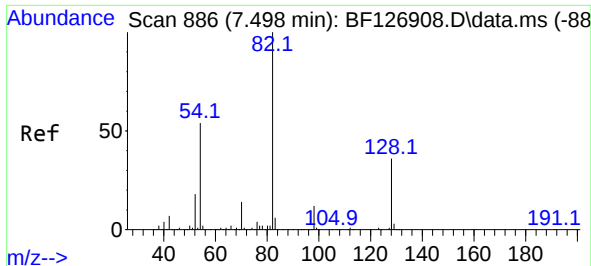
Tgt Ion: 99 Resp: 1073009
Ion Ratio Lower Upper
99 100
42 20.8 14.2 21.4
71 42.3 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion:136 Resp: 422759
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.4 7.8 11.6
68 5.6 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 82.676 ng

RT: 7.487 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126968.D

Acq: 21 Feb 2022 12:22

Instrument :

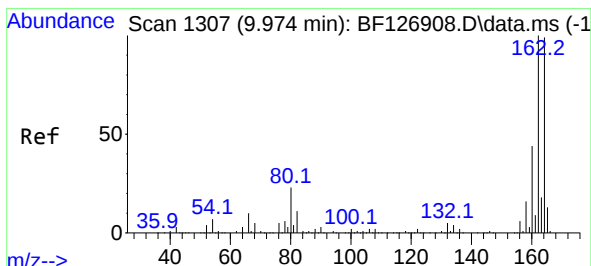
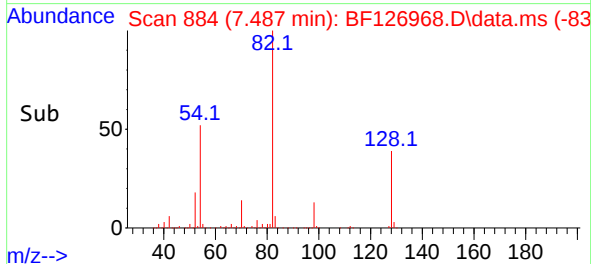
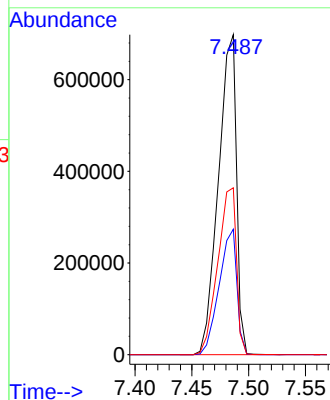
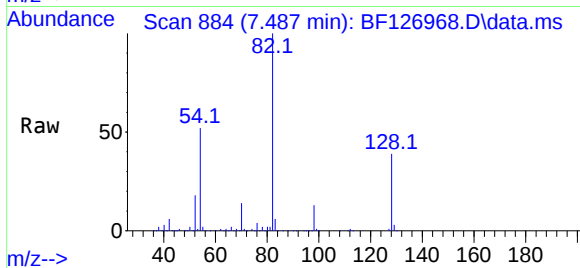
BNA_F

ClientSampleId :

PB142473BL

Tgt Ion: 82 Resp: 774353

Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.7	49.1
54	52.1	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

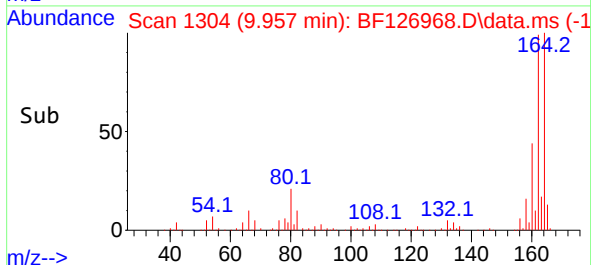
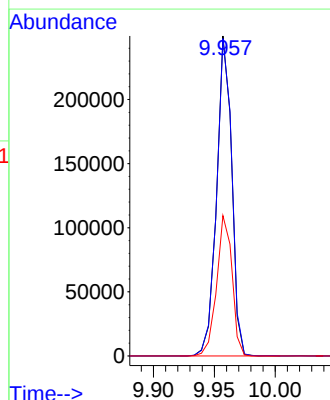
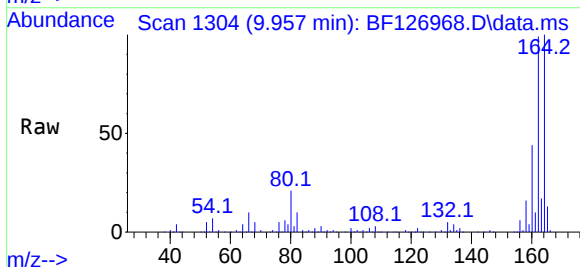
Delta R.T. -0.006 min

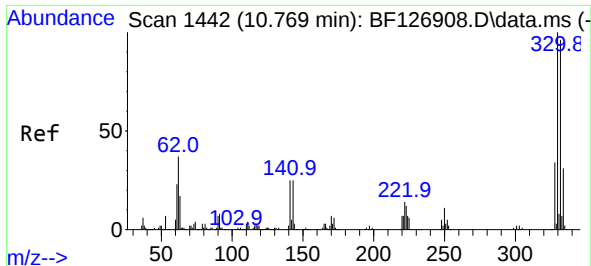
Lab File: BF126968.D

Acq: 21 Feb 2022 12:22

Tgt Ion: 164 Resp: 214544

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	43.8	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 129.786 ng

RT: 10.751 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF126968.D

Acq: 21 Feb 2022 12:22

Instrument :

BNA_F

ClientSampleId :

PB142473BL

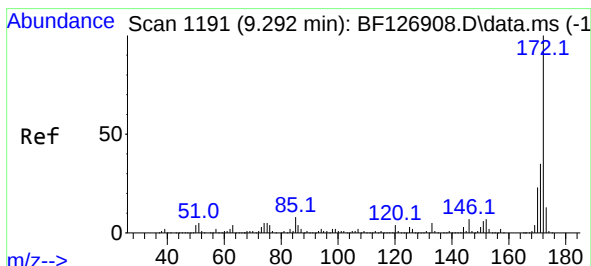
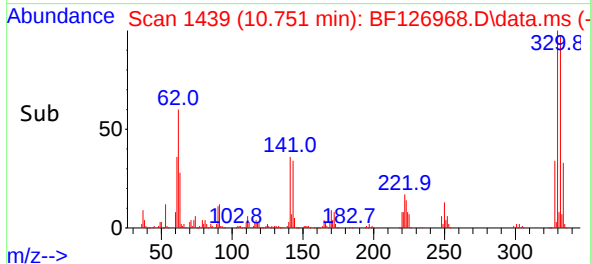
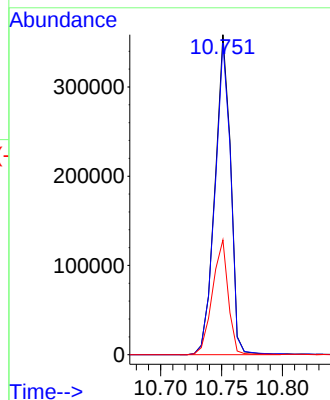
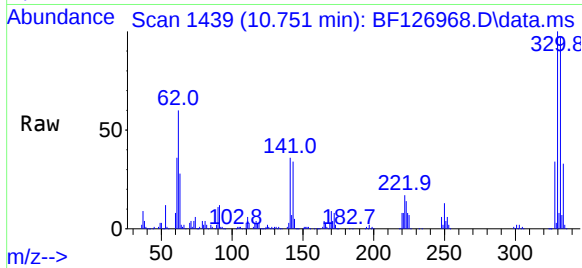
Tgt Ion:330 Resp: 320595

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 36.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 84.803 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF126968.D

Acq: 21 Feb 2022 12:22

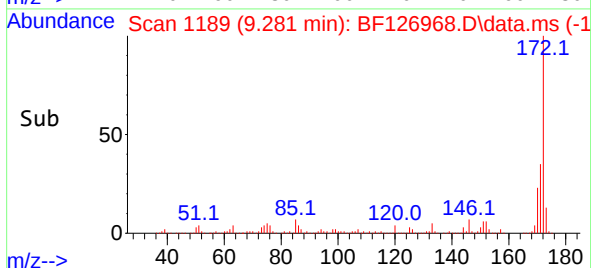
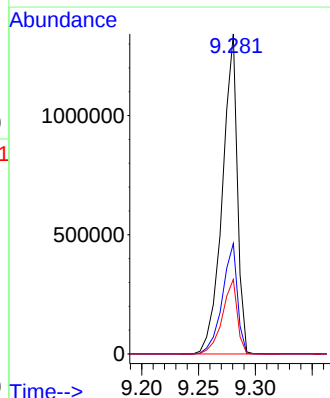
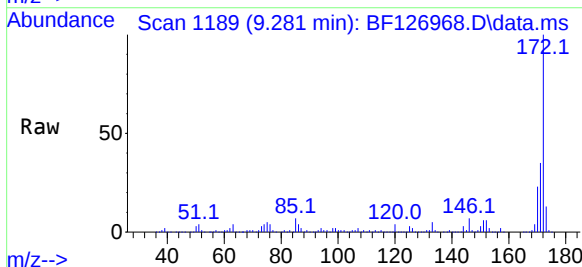
Tgt Ion:172 Resp: 1235871

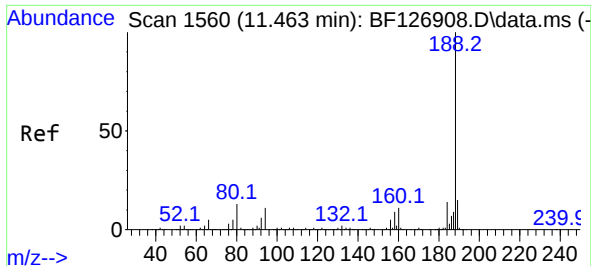
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.3 19.0 28.6

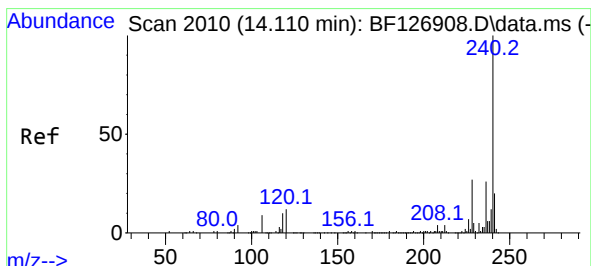
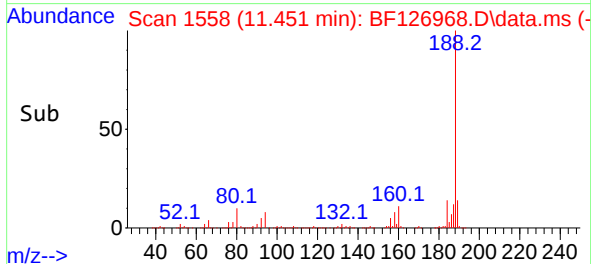
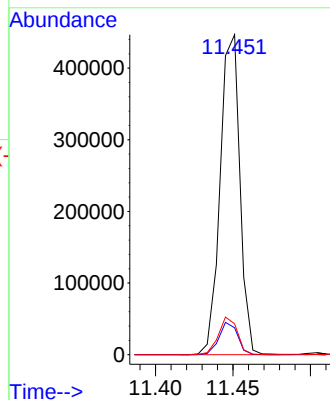
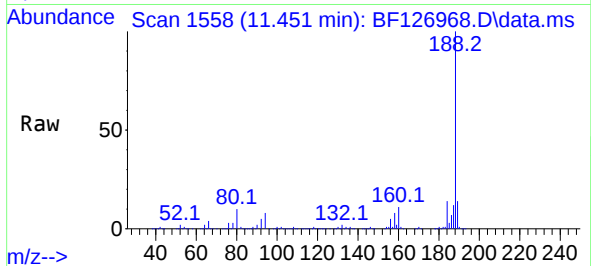




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

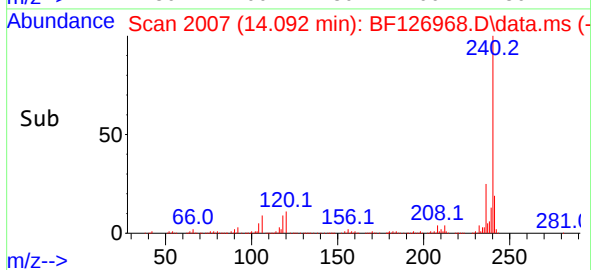
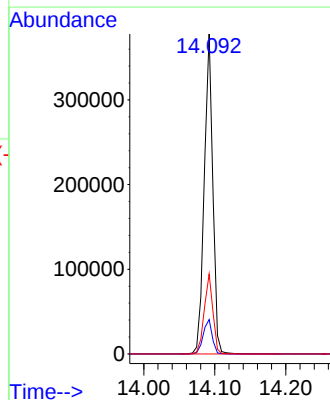
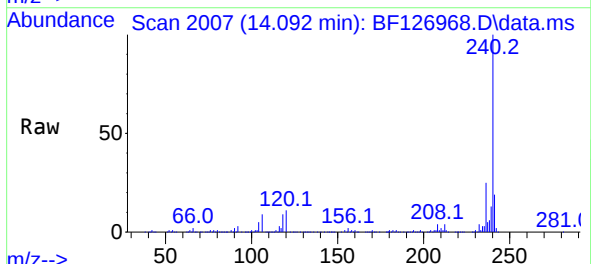
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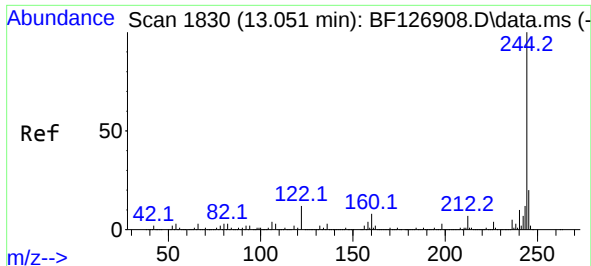
Tgt Ion:188 Resp: 396127
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 9.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

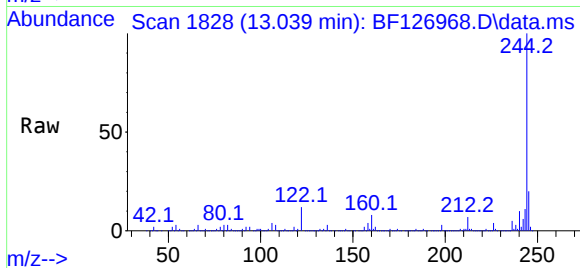
Tgt Ion:240 Resp: 317773
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.0 20.5 30.7



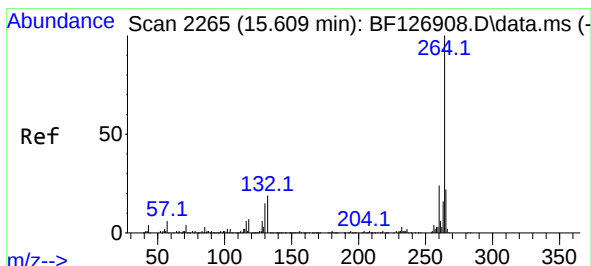
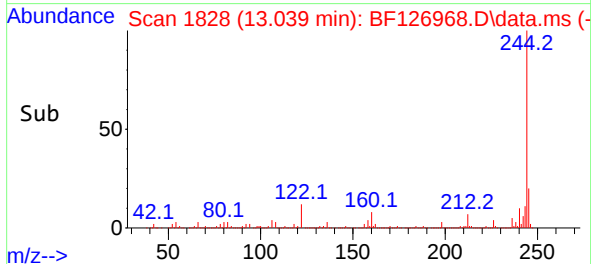
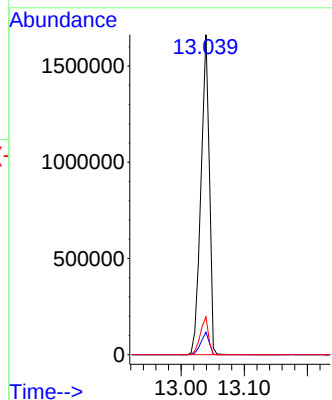


#79
Terphenyl-d14
Concen: 70.525 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1524512
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 11.9 13.3 19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF126968.D
Acq: 21 Feb 2022 12:22

Tgt Ion:264 Resp: 299003
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 17.4 26.2

