

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
 Data File : BF126323.D
 Acq On : 22 Dec 2021 11:49
 Operator : JU/CG
 Sample : PB141539TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141539TB

Quant Time: Dec 22 13:01:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	136886	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	582699	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	276644	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	451113	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	264302	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	229103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1168182	125.676	ng	0.00
7) Phenol-d6	6.445	99	1448714	122.746	ng	0.00
23) Nitrobenzene-d5	7.375	82	957402	88.986	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	294185	132.323	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1368890	86.786	ng	0.00
79) Terphenyl-d14	12.927	244	1188517	78.160	ng	0.00

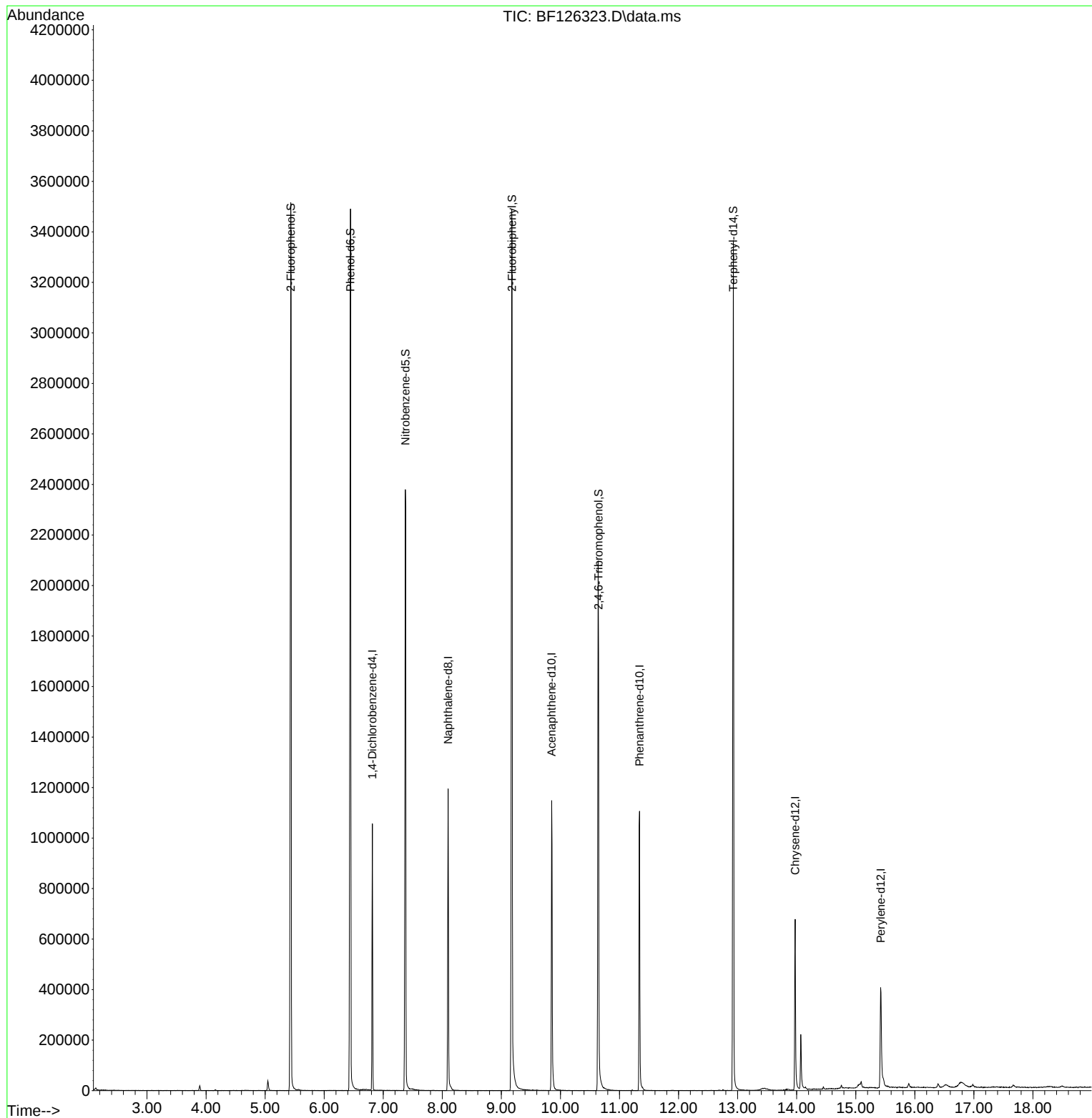
Target Compounds	Qvalue

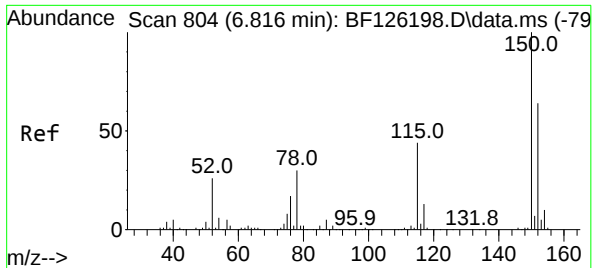
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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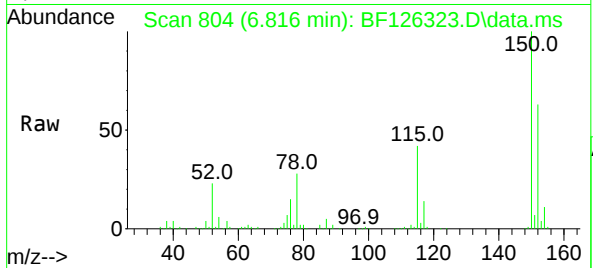
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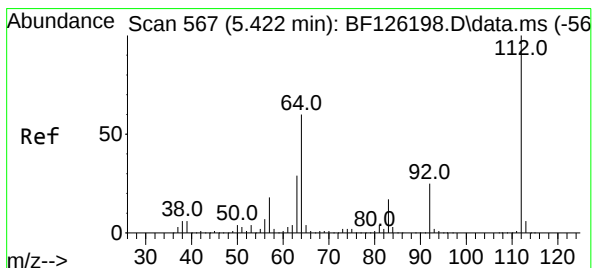
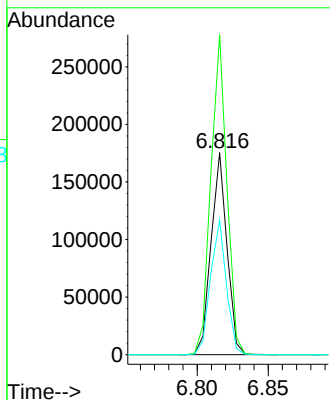
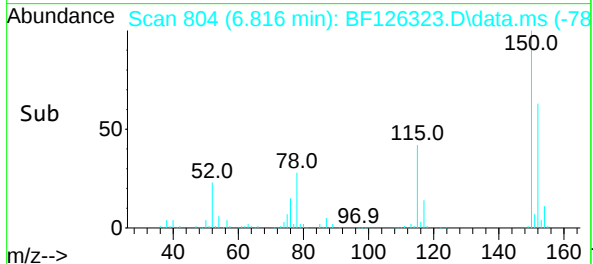


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

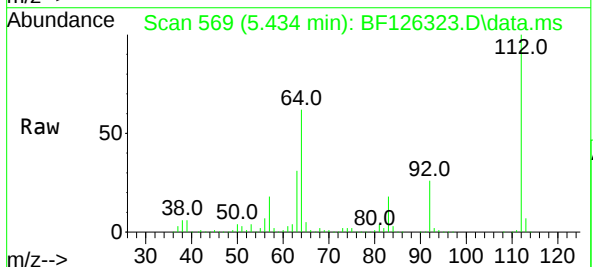
Instrument :
BNA_F
ClientSampleId :
PB141539TB



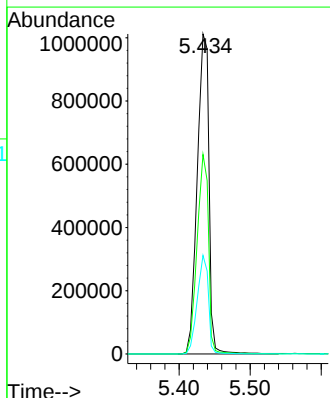
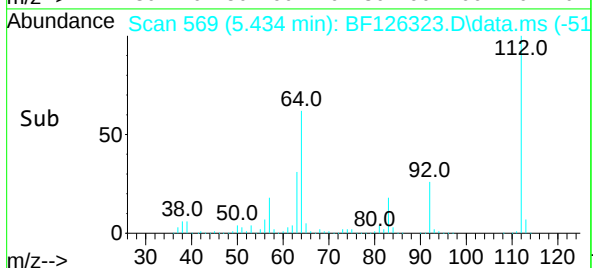
Tgt Ion:152 Resp: 136886
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 66.8 47.1 70.7

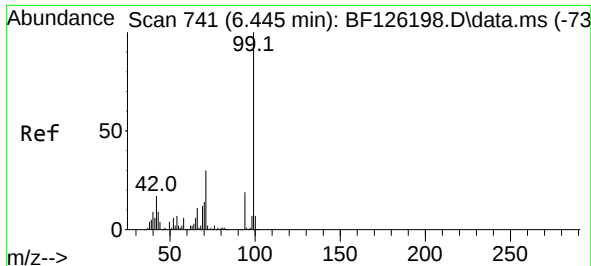


#5
2-Fluorophenol
Concen: 125.676 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49



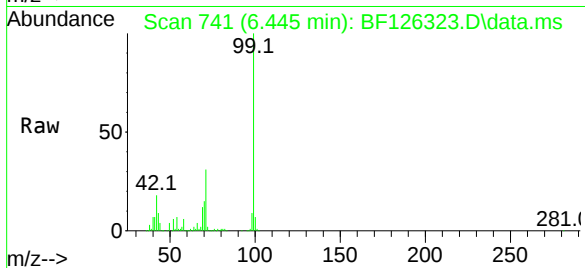
Tgt Ion:112 Resp: 1168182
Ion Ratio Lower Upper
112 100
64 62.4 44.2 66.2
63 30.8 26.2 39.2





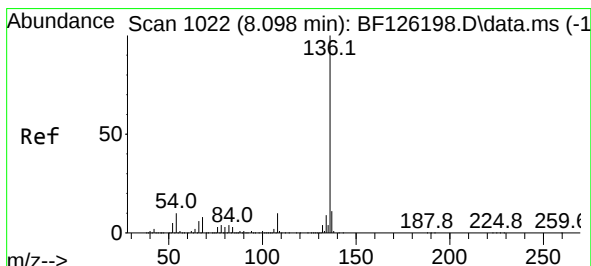
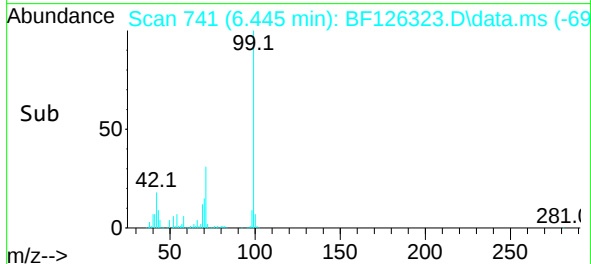
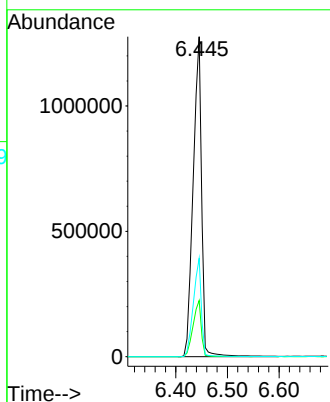
#7
Phenol-d6
Concen: 122.746 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Instrument :
BNA_F
ClientSampleId :
PB141539TB



Tgt Ion: 99 Resp: 1448714

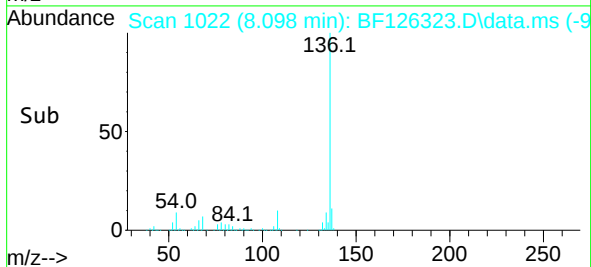
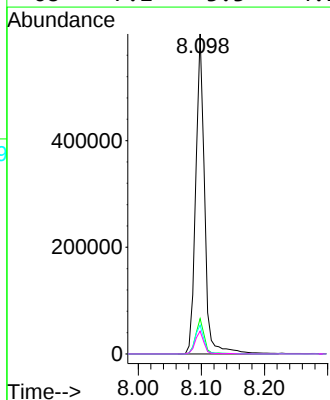
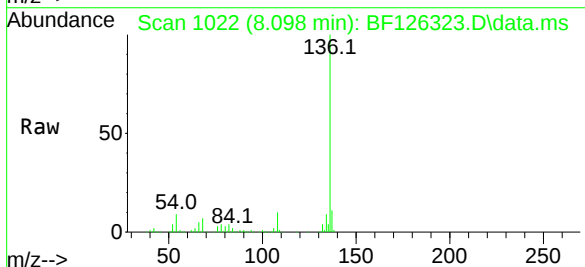
Ion	Ratio	Lower	Upper
99	100		
42	17.6	23.5	35.3#
71	30.8	25.6	38.4

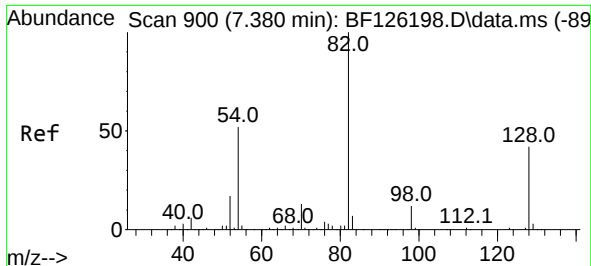


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Tgt Ion: 136 Resp: 582699

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.0	6.4	9.6
68	7.2	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 88.986 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

Instrument :

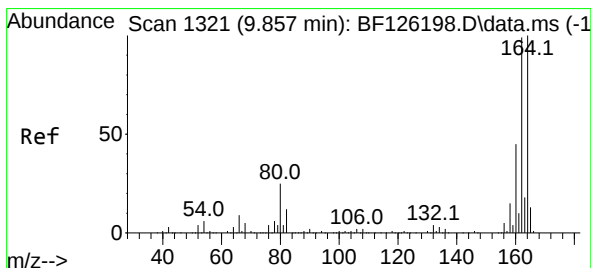
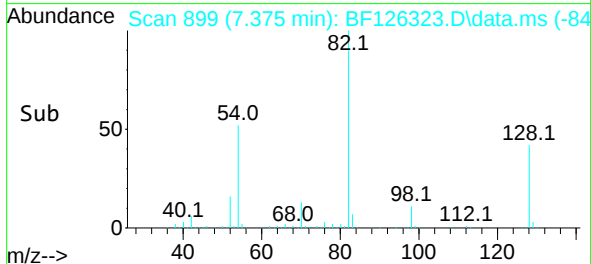
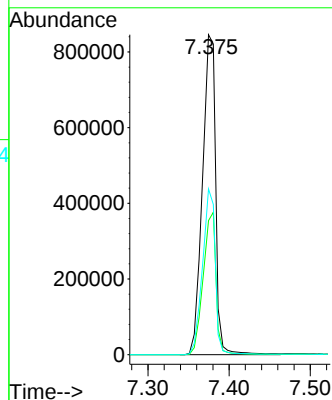
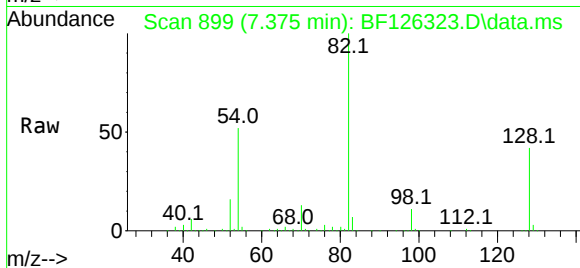
BNA_F

ClientSampleId :

PB141539TB

Tgt Ion: 82 Resp: 957402

Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.6	60.8
54	51.8	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

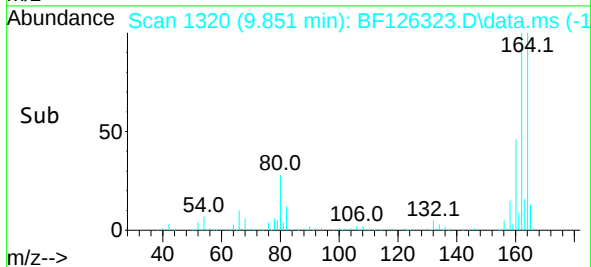
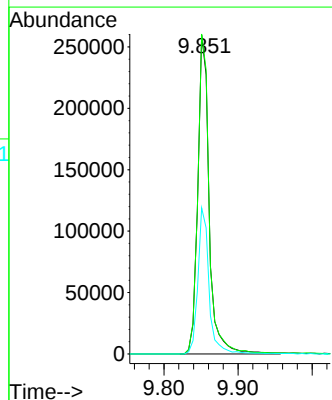
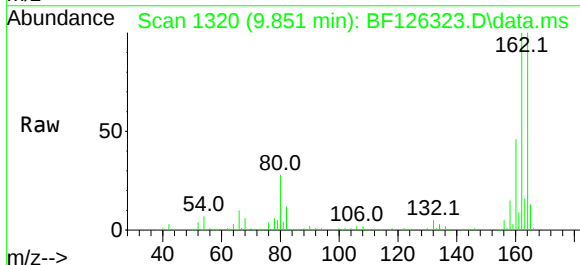
Delta R.T. -0.006 min

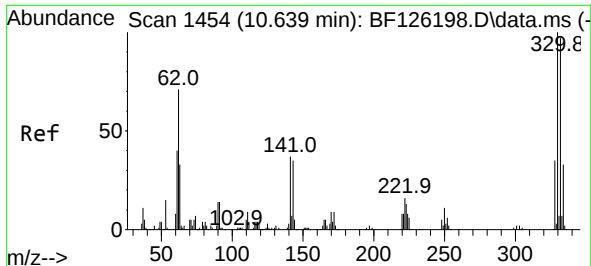
Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

Tgt Ion:164 Resp: 276644

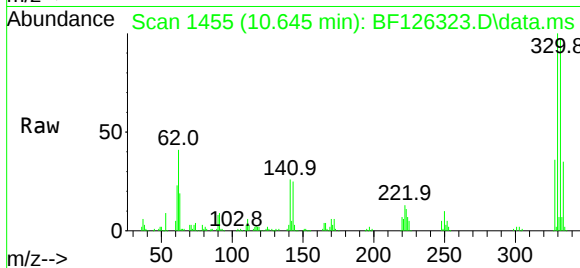
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	45.8	38.0	57.0



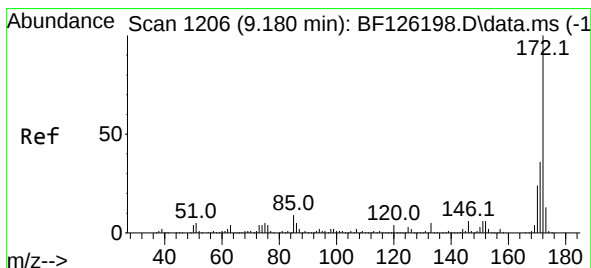
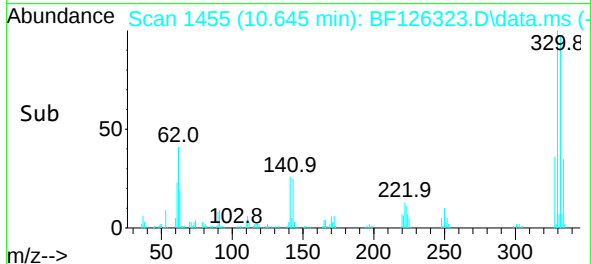
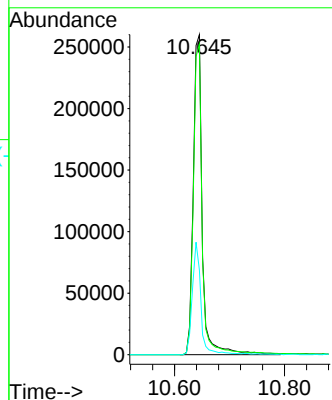


#42
2,4,6-Tribromophenol
Concen: 132.323 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

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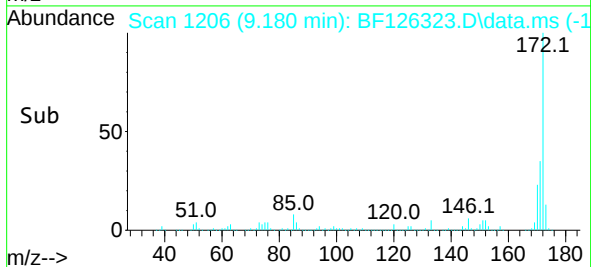
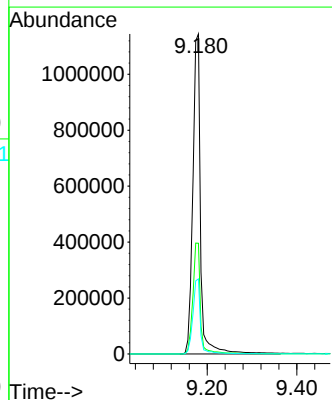
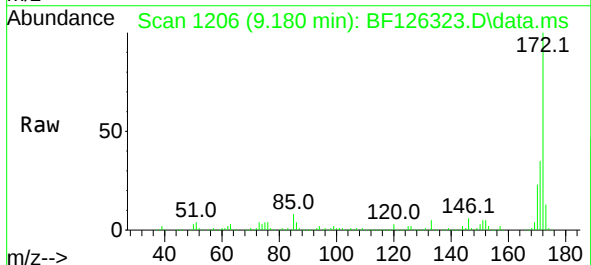


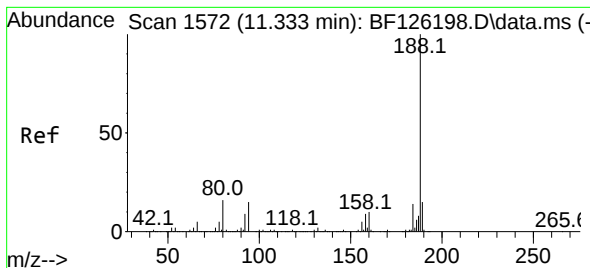
Tgt Ion:330 Resp: 294185
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 33.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 86.786 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Tgt Ion:172 Resp: 1368890
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

Instrument :

BNA_F

ClientSampleId :

PB141539TB

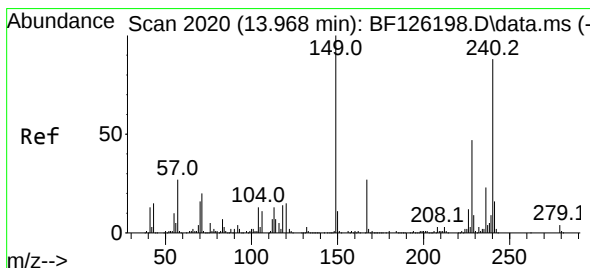
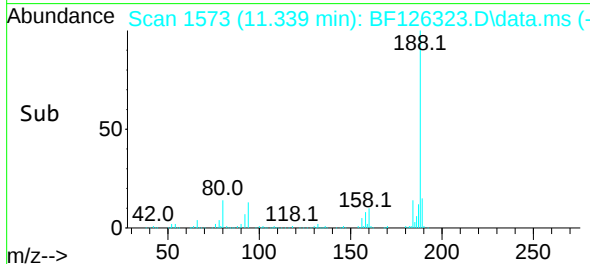
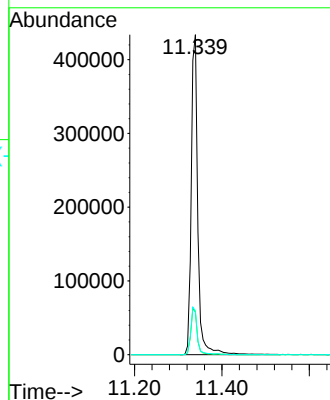
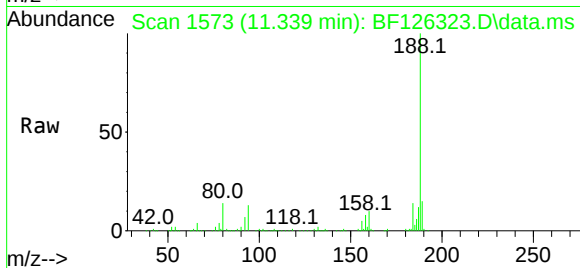
Tgt Ion:188 Resp: 451113

Ion Ratio Lower Upper

188 100

94 13.2 6.7 10.1#

80 13.7 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

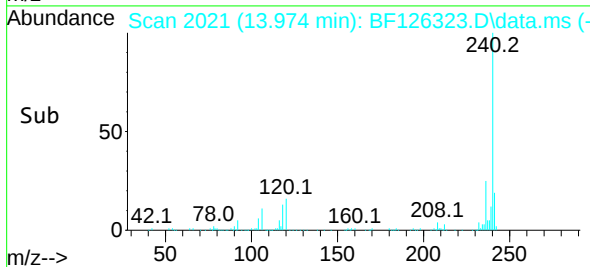
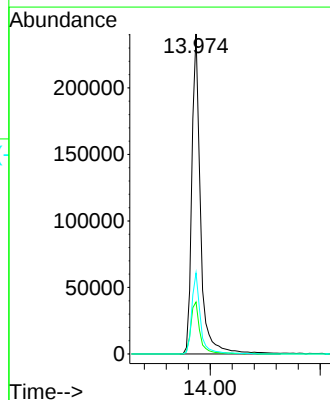
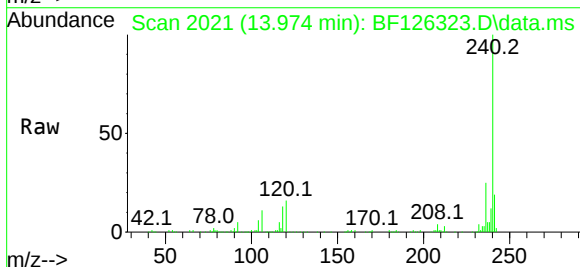
Tgt Ion:240 Resp: 264302

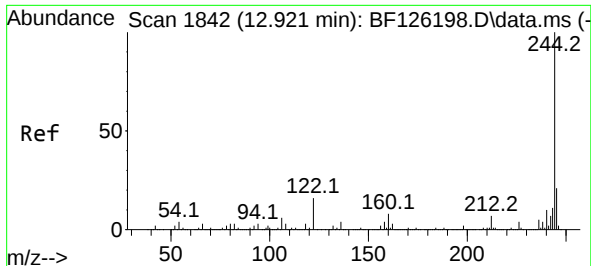
Ion Ratio Lower Upper

240 100

120 16.2 10.8 16.2#

236 25.3 21.6 32.4

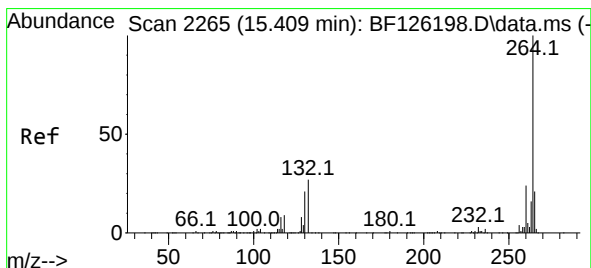
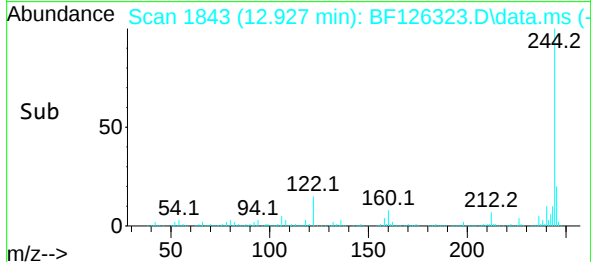
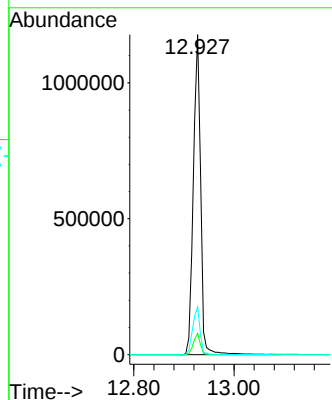
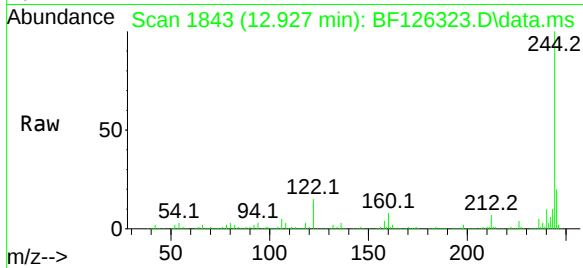




#79
 Terphenyl-d14
 Concen: 78.160 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126323.D
 Acq: 22 Dec 2021 11:49

Instrument :
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Tgt Ion:244 Resp: 1188517
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 15.0 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126323.D
 Acq: 22 Dec 2021 11:49

Tgt Ion:264 Resp: 229103
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.6 17.2 25.8

