

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126261.D
 Acq On : 18 Dec 2021 18:48
 Operator : JU/CG
 Sample : M5079-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340

Quant Time: Dec 20 08:03:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

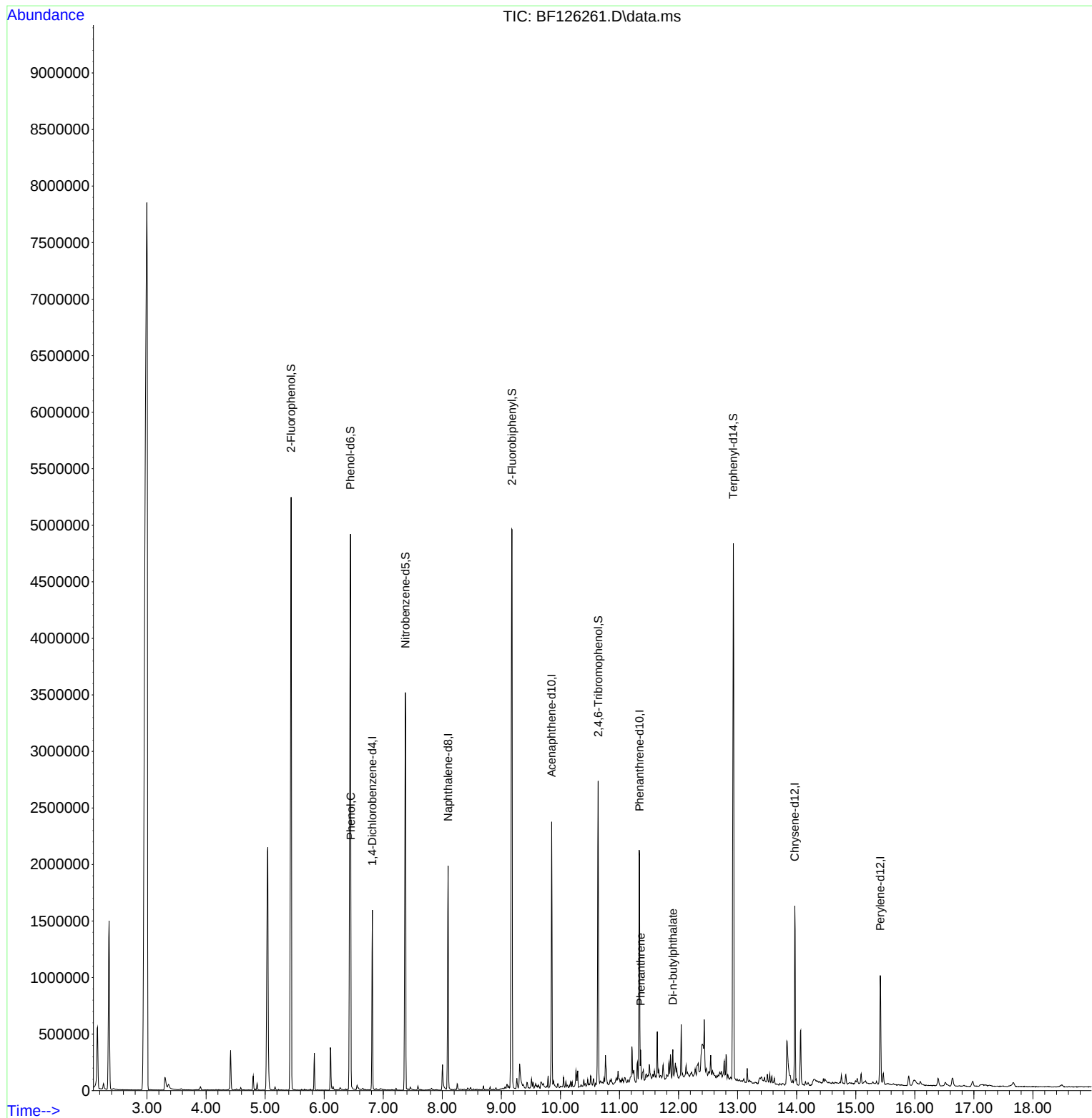
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	212980	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	933782	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	457318	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	766601	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	497261	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	385547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1752741	121.193	ng	0.02
7) Phenol-d6	6.445	99	2254724	122.783	ng	0.00
23) Nitrobenzene-d5	7.375	82	1496547	86.799	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	306243	83.327	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1932067	74.098	ng	0.00
79) Terphenyl-d14	12.927	244	1822815	63.714	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	49875	2.420	ng	# 73
71) Phenanthrene	11.357	178	87666	2.216	ng	98
74) Di-n-butylphthalate	11.904	149	102785	2.168	ng	98

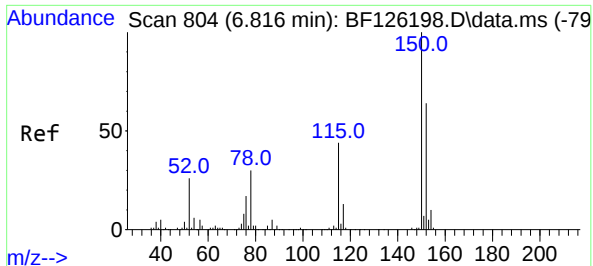
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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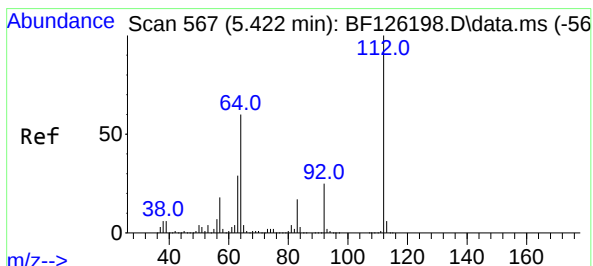
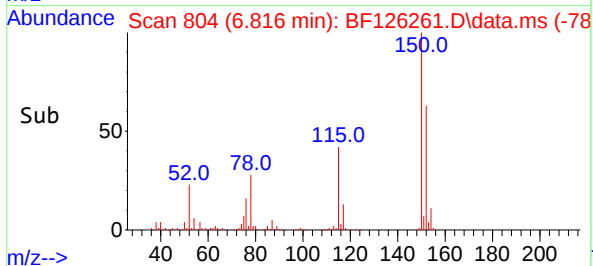
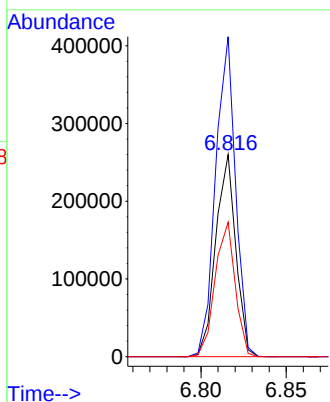
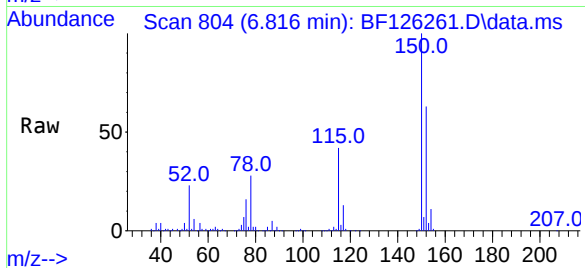




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

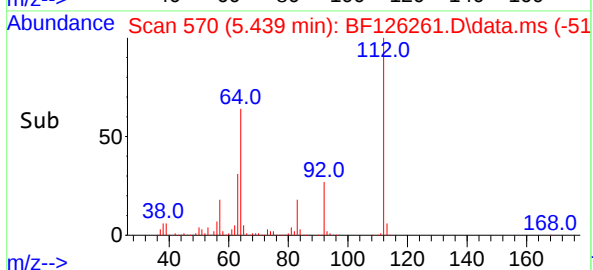
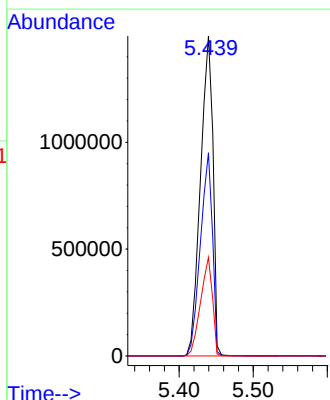
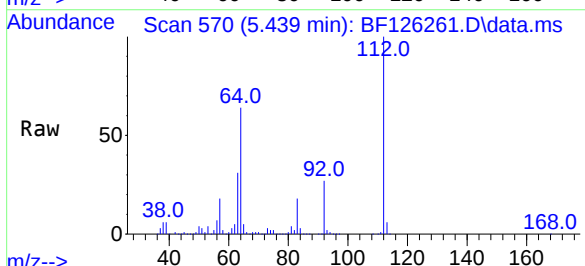
Instrument :
BNA_F
ClientSampleId :
340

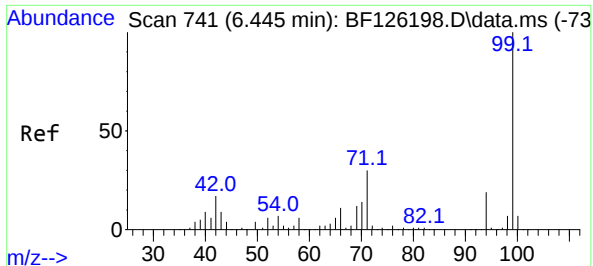
Tgt Ion:152 Resp: 212980
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 121.193 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

Tgt Ion:112 Resp: 1752741
Ion Ratio Lower Upper
112 100
64 63.5 44.2 66.2
63 30.8 26.2 39.2

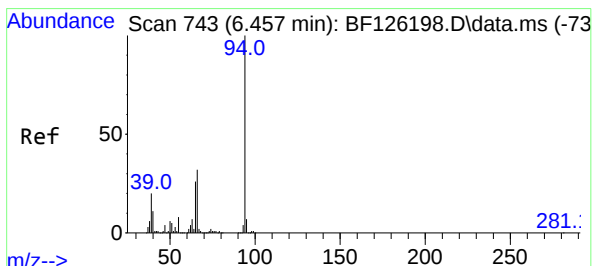
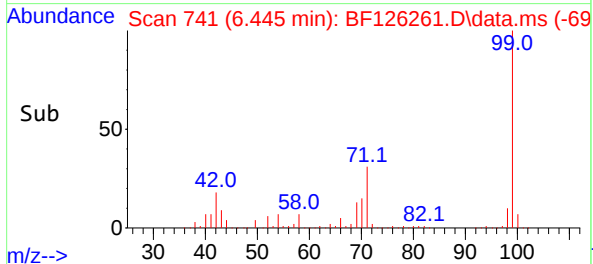
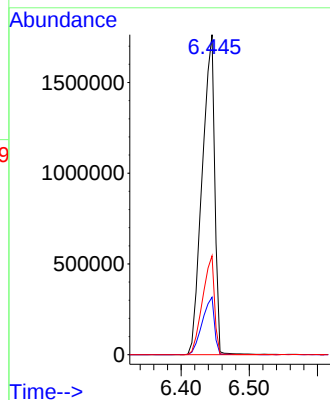
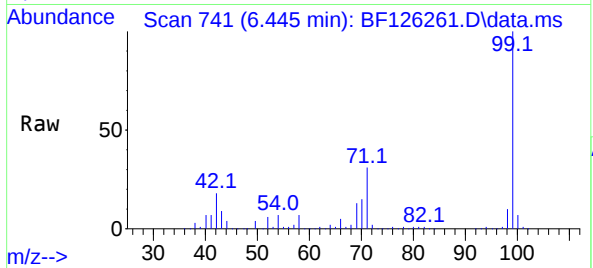




#7
Phenol-d6
Concen: 122.783 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

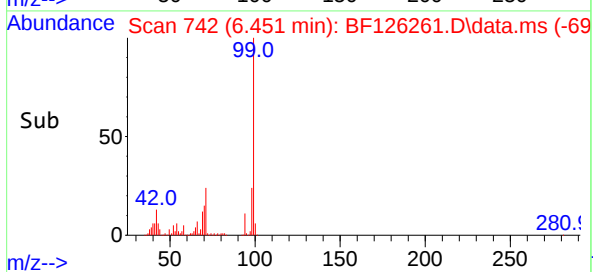
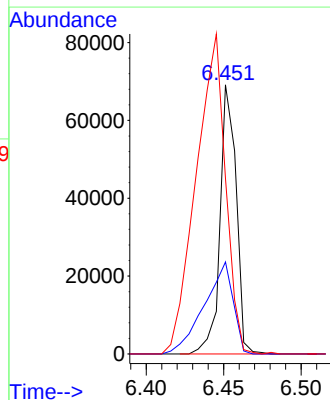
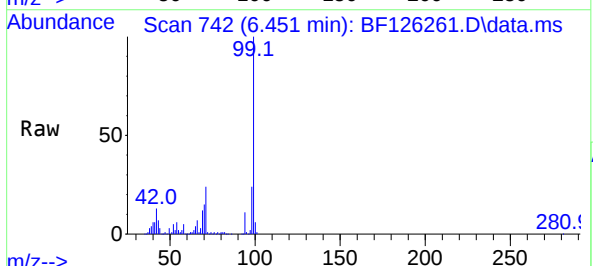
Instrument :
BNA_F
ClientSampleId :
340

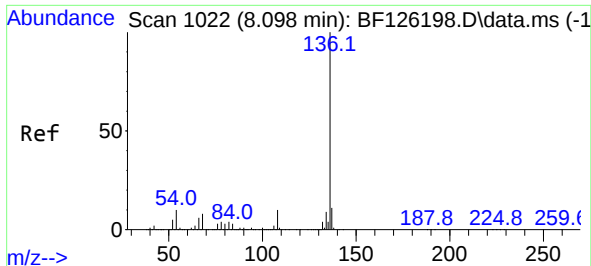
Tgt Ion: 99 Resp: 2254724
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3#
71 30.9 25.6 38.4



#10
Phenol
Concen: 2.420 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

Tgt Ion: 94 Resp: 49875
Ion Ratio Lower Upper
94 100
65 34.2 9.3 49.3
66 65.2 20.3 60.3#



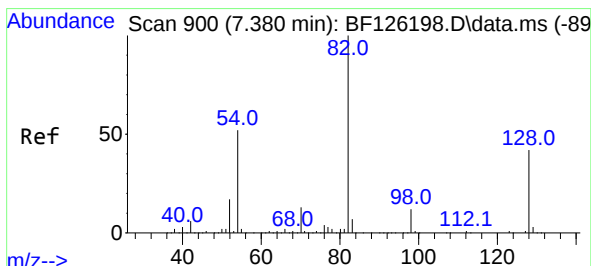
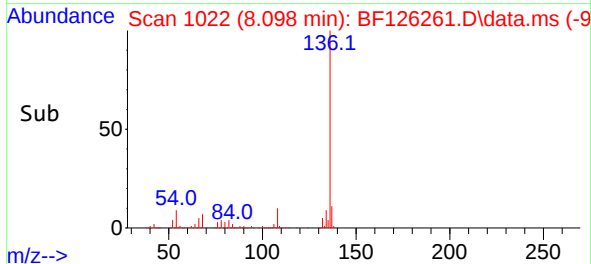
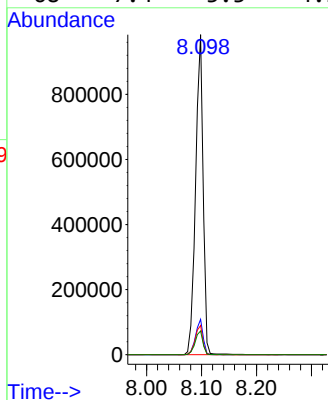
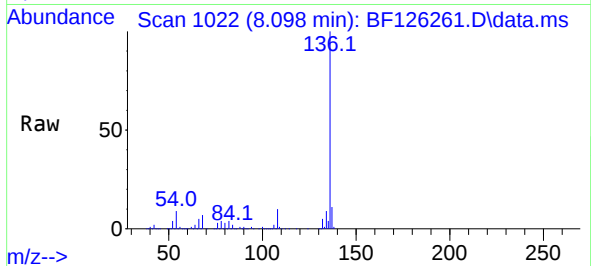


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

Instrument :
BNA_F
ClientSampleId :
340

Tgt Ion:136 Resp: 933782

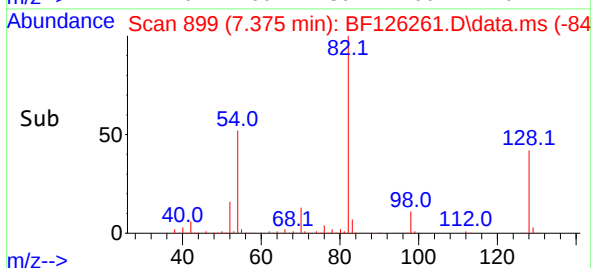
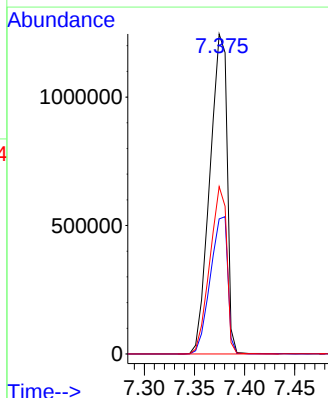
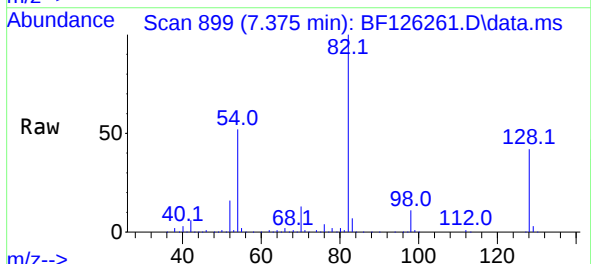
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.1	6.4	9.6
68	7.4	3.3	4.9

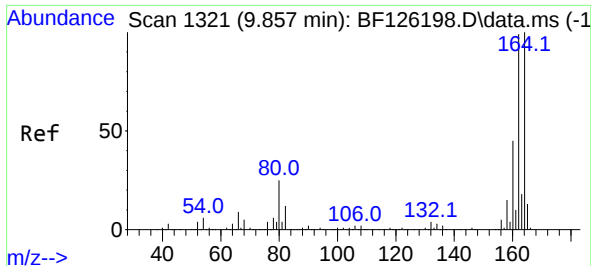


#23
Nitrobenzene-d5
Concen: 86.799 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

Tgt Ion: 82 Resp: 1496547

Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	52.3	49.6	74.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126261.D

Acq: 18 Dec 2021 18:48

Instrument :

BNA_F

ClientSampleId :

340

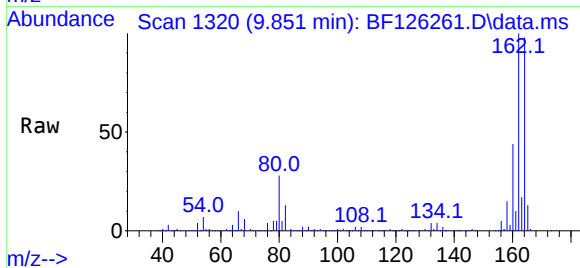
Tgt Ion:164 Resp: 457318

Ion Ratio Lower Upper

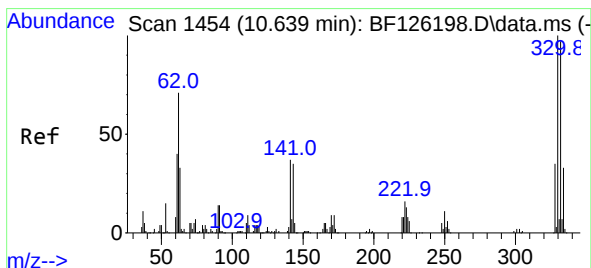
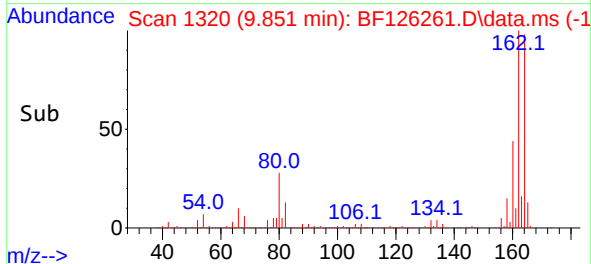
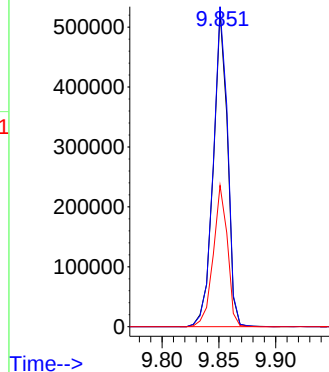
164 100

162 101.7 81.3 121.9

160 44.9 38.0 57.0



Abundance



#42

2,4,6-Tribromophenol

Concen: 83.327 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126261.D

Acq: 18 Dec 2021 18:48

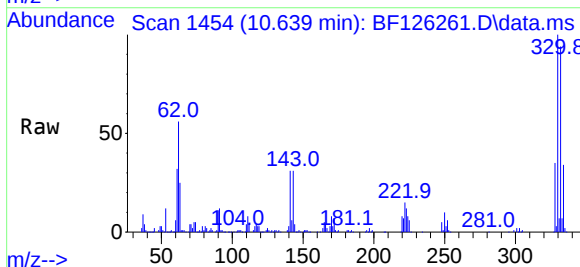
Tgt Ion:330 Resp: 306243

Ion Ratio Lower Upper

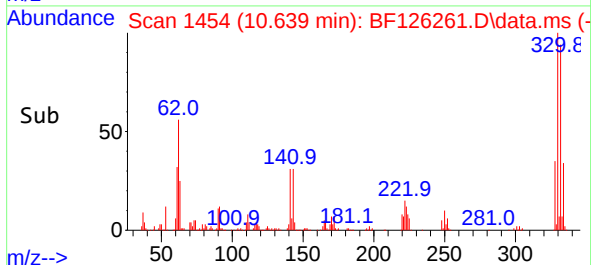
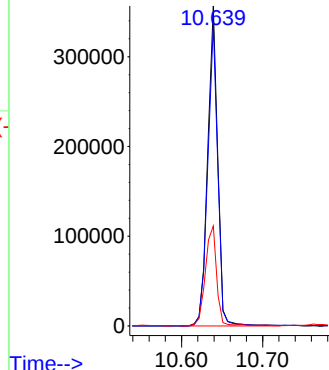
330 100

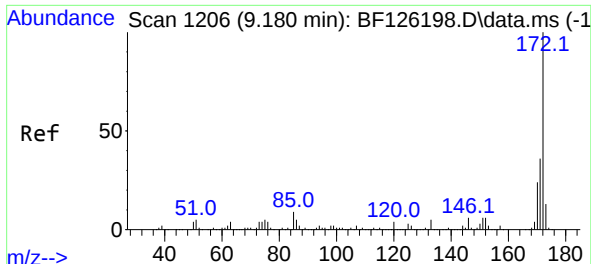
332 93.8 76.2 114.4

141 35.2 44.6 66.8#



Abundance





#45

2-Fluorobiphenyl

Concen: 74.098 ng

RT: 9.180 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126261.D

Acq: 18 Dec 2021 18:48

Instrument :

BNA_F

ClientSampleId :

340

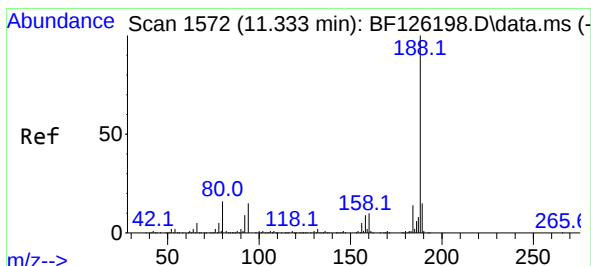
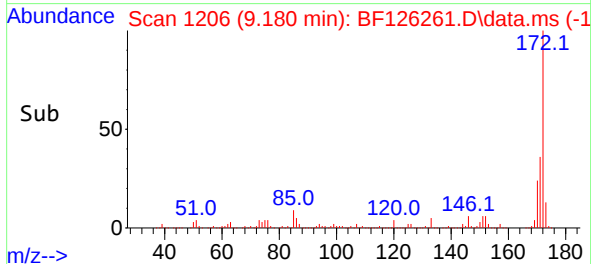
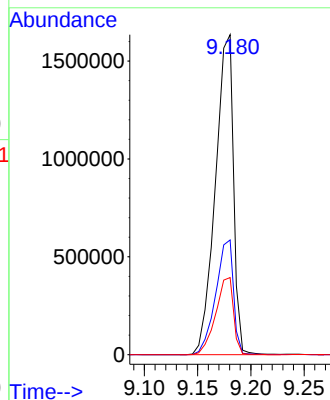
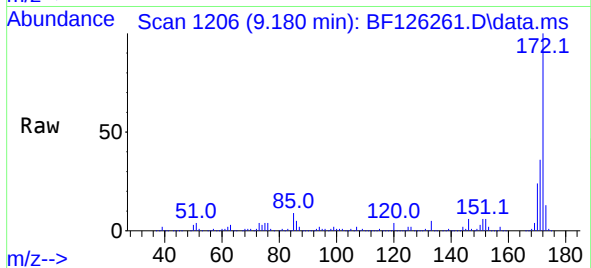
Tgt Ion:172 Resp: 1932067

Ion Ratio Lower Upper

172 100

171 35.8 26.5 39.7

170 24.1 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF126261.D

Acq: 18 Dec 2021 18:48

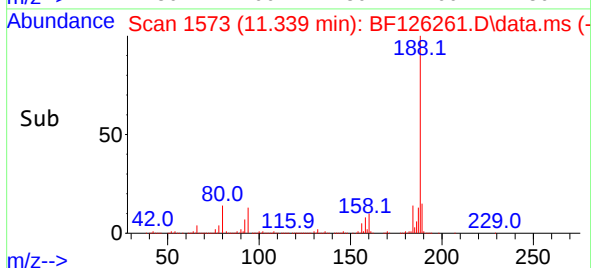
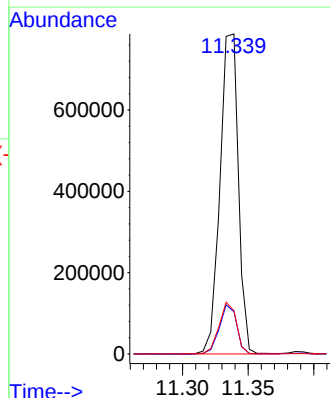
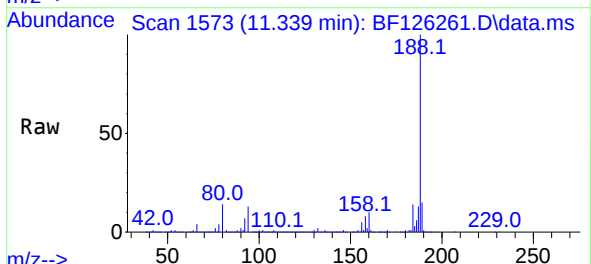
Tgt Ion:188 Resp: 766601

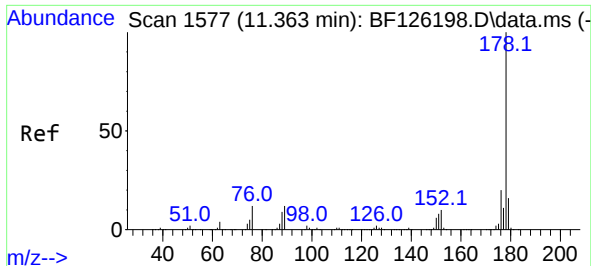
Ion Ratio Lower Upper

188 100

94 13.2 6.7 10.1#

80 13.5 7.5 11.3#

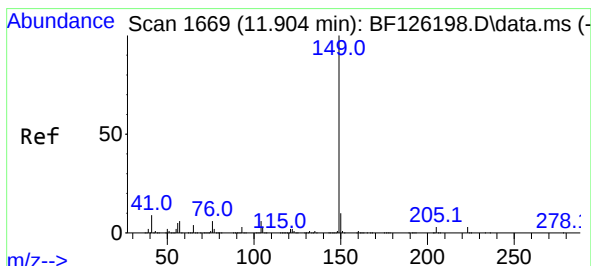
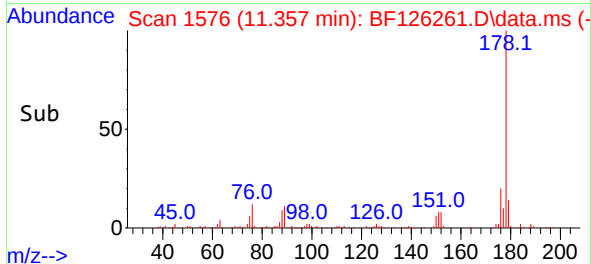
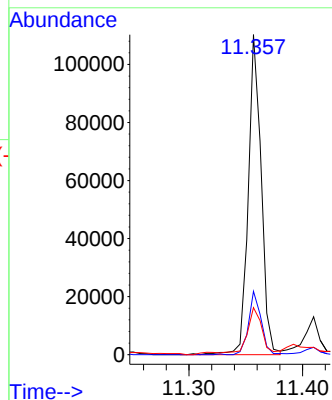
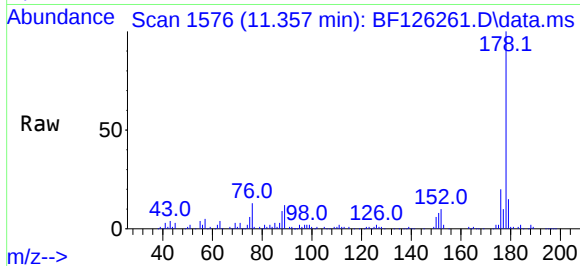




#71
Phenanthrene
Concen: 2.216 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

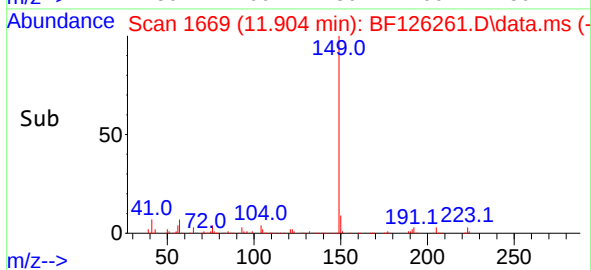
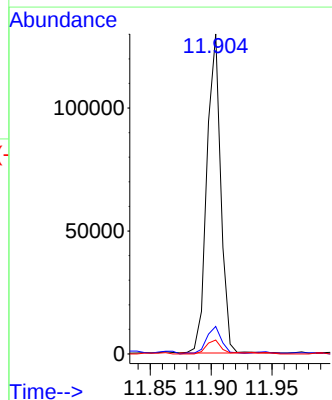
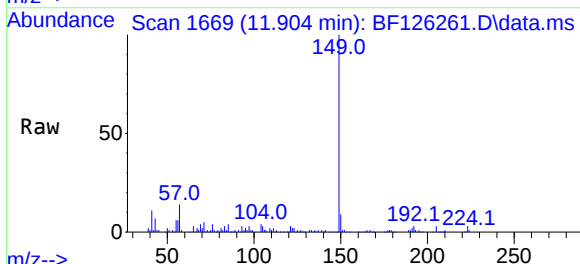
Instrument :
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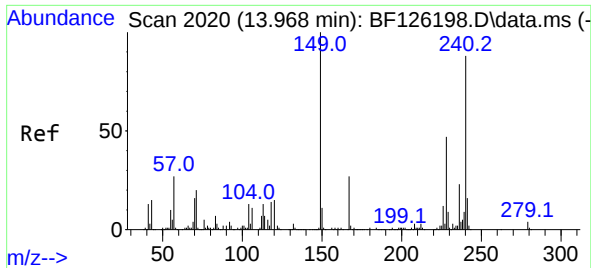
Tgt Ion:178 Resp: 87666
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 14.7 11.5 17.3



#74
Di-n-butylphthalate
Concen: 2.168 ng
RT: 11.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

Tgt Ion:149 Resp: 102785
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 4.3 4.1 6.1

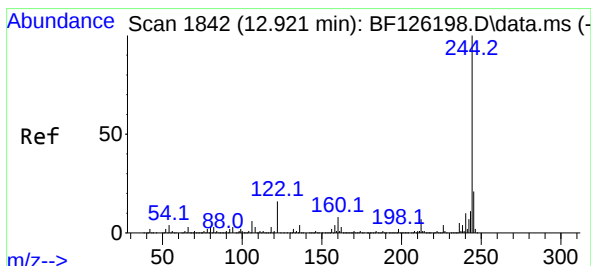
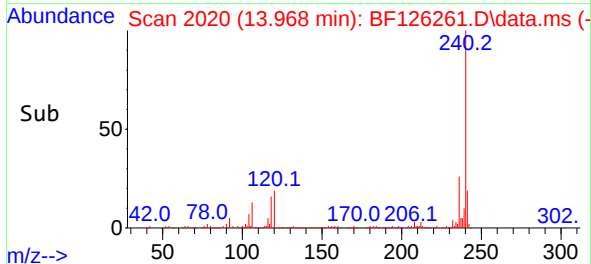
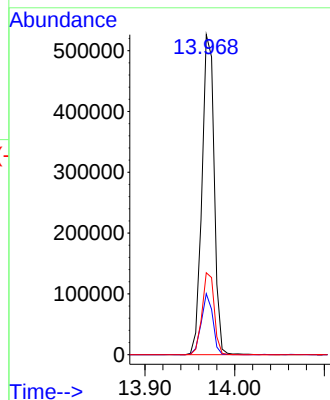
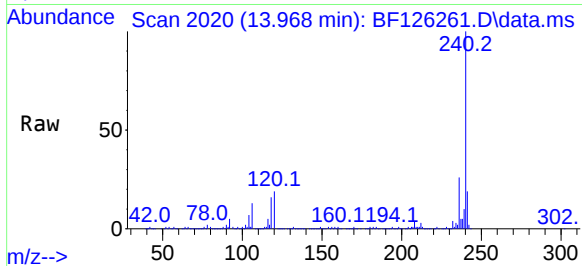




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

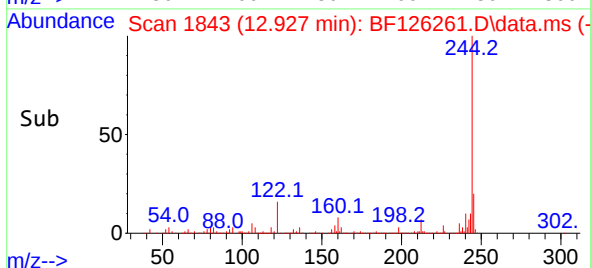
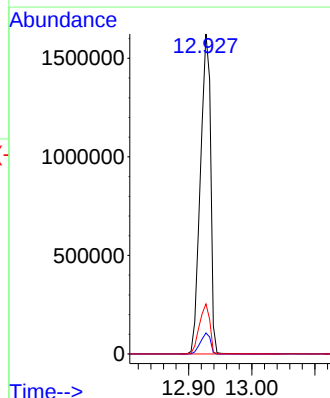
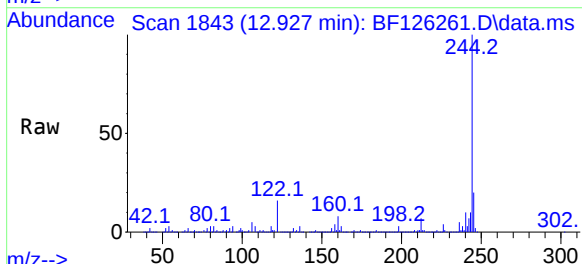
Instrument :
BNA_F
ClientSampleId :
340

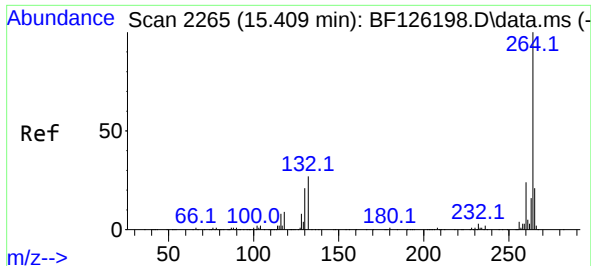
Tgt Ion:240 Resp: 497261
Ion Ratio Lower Upper
240 100
120 19.0 10.8 16.2#
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 63.714 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126261.D
Acq: 18 Dec 2021 18:48

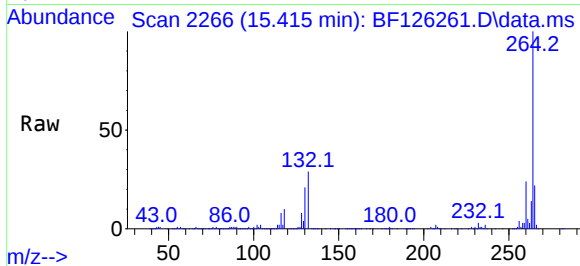
Tgt Ion:244 Resp: 1822815
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 15.7 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126261.D
 Acq: 18 Dec 2021 18:48

Instrument :
 BNA_F
 ClientSampleId :
 340



Tgt Ion:264 Resp: 385547
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.1 17.2 25.8

