

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122686.D
 Acq On : 12 Dec 2020 19:13
 Operator : JU/CG
 Sample : L5014-01RX
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 351RX

Quant Time: Dec 13 23:46:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

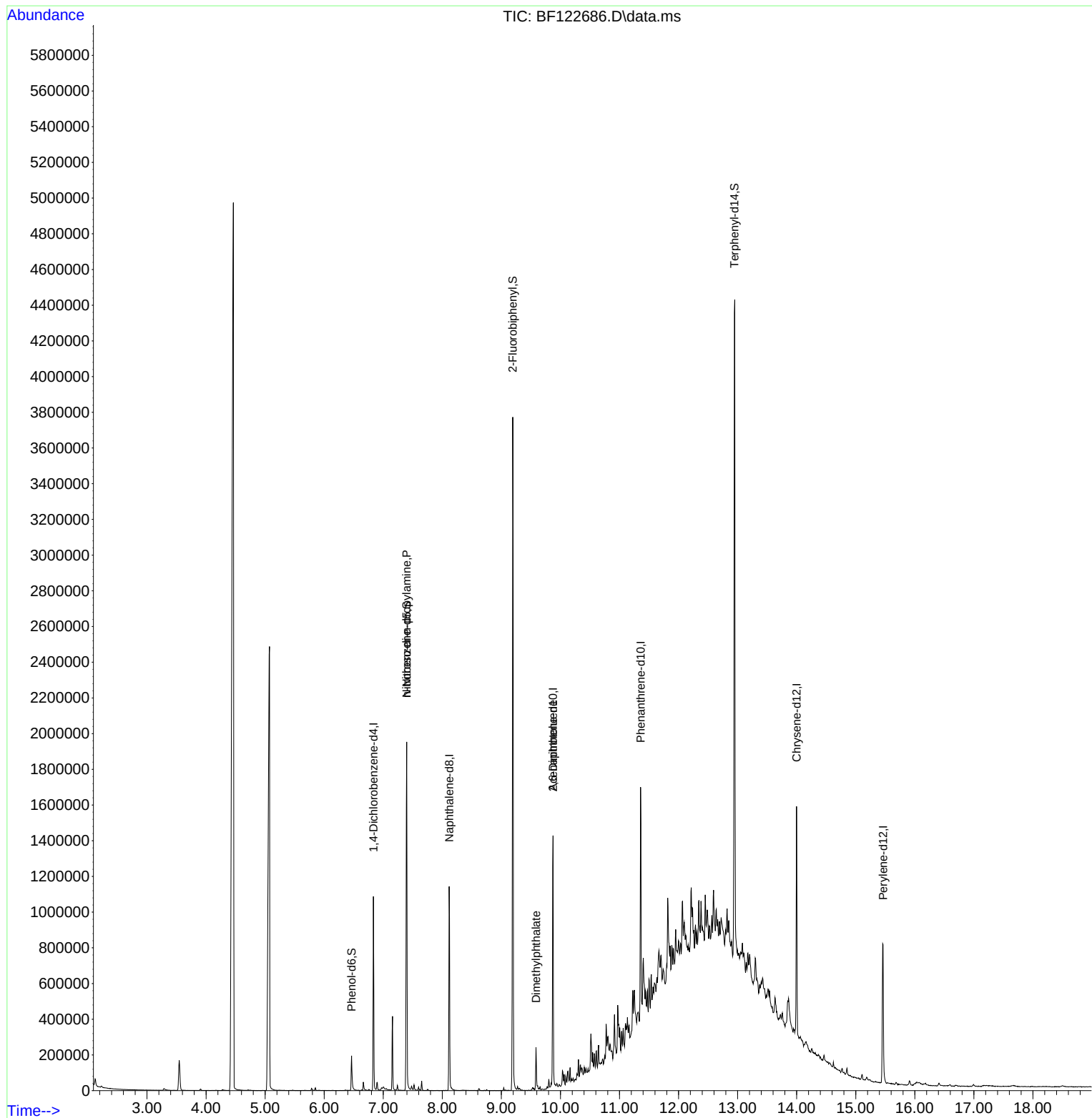
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	146404	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	574713	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	302464	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	538067	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	461848	20.00	ng	-0.01
86) Perylene-d12	15.462	264	409456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1771	0.19	ng	0.00
7) Phenol-d6	6.463	99	78133	6.37	ng	-0.02
23) Nitrobenzene-d5	7.398	82	658660	57.42	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.192	172	1258267	56.27	ng	-0.01
79) Terphenyl-d14	12.945	244	1344071	50.94	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	86034	12.25	ng	Qvalue # 75
50) Dimethylphthalate	9.586	163	105388	4.36	ng	99
51) 2,6-Dinitrotoluene	9.875	165	40519	7.94	ng	# 31

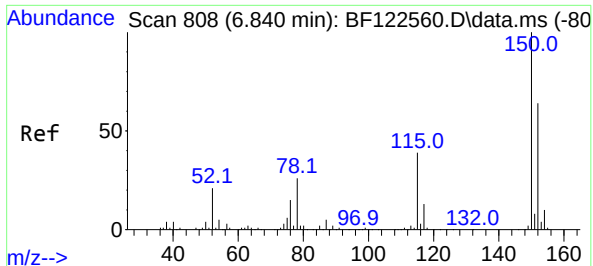
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF122686.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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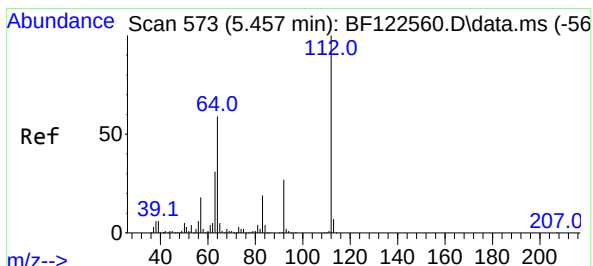
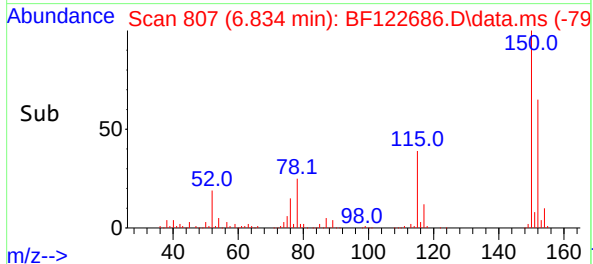
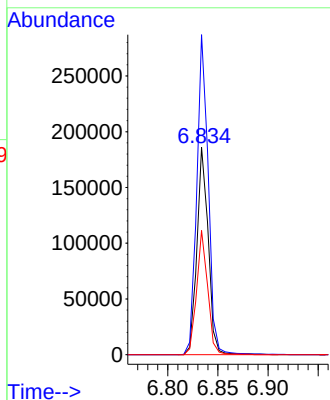
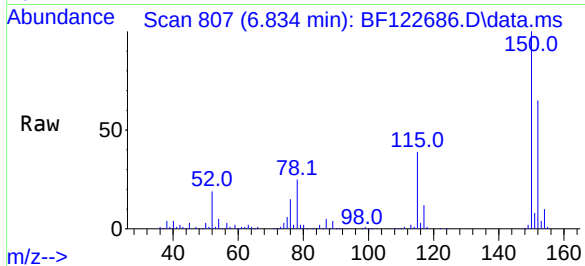




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

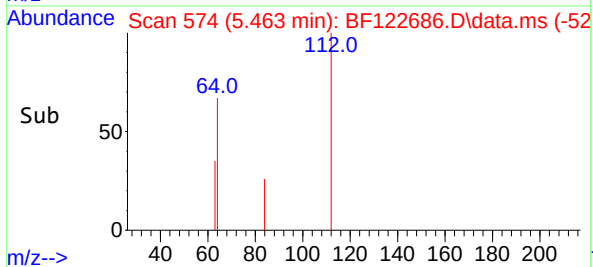
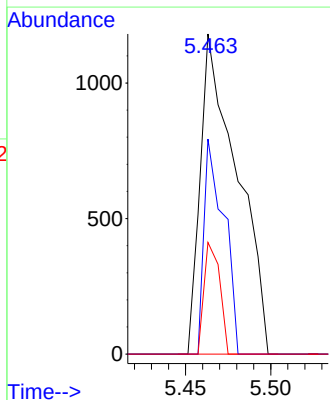
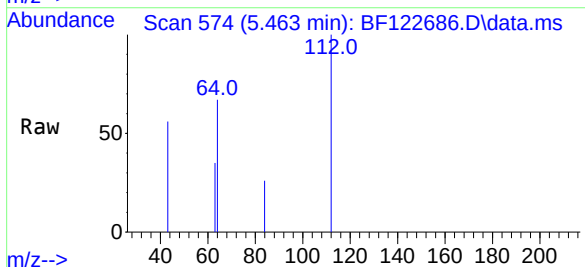
Instrument :
BNA_F
ClientSampleId :
351RX

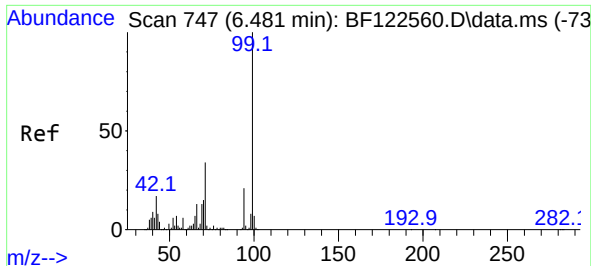
Tgt Ion:152 Resp: 146404
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 59.9 49.3 73.9



#5
2-Fluorophenol
Concen: 0.19 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

Tgt Ion:112 Resp: 1771
Ion Ratio Lower Upper
112 100
64 67.1 46.9 70.3
63 34.9 24.5 36.7

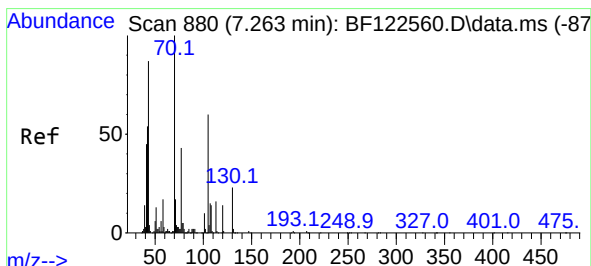
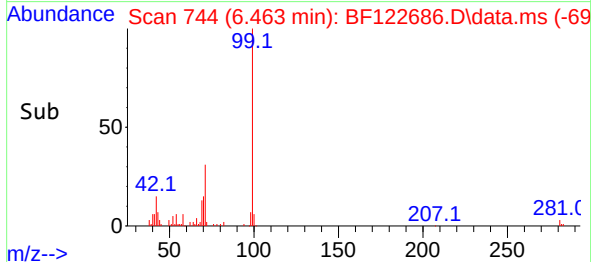
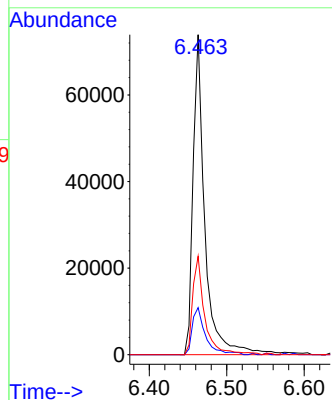
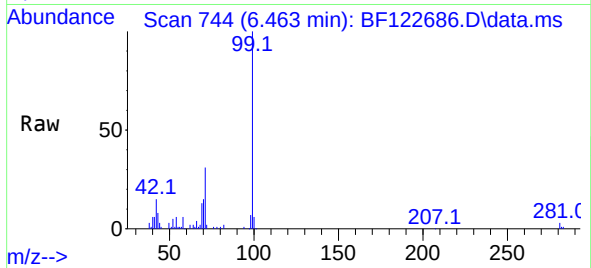




#7
Phenol-d6
Concen: 6.37 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

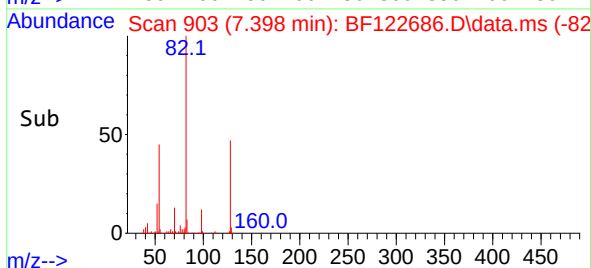
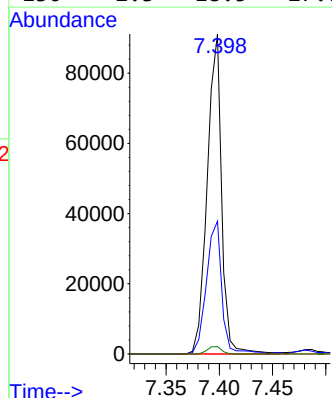
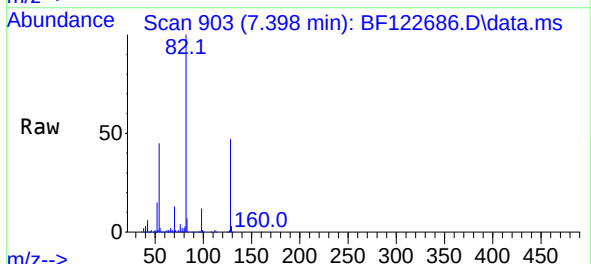
Instrument :
BNA_F
ClientSampleId :
351RX

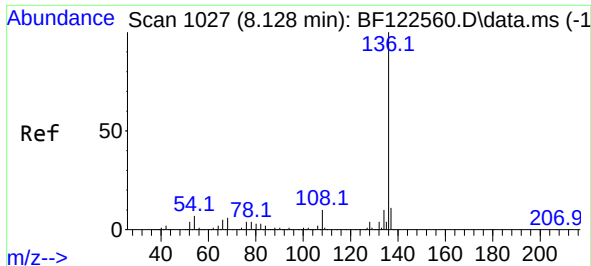
Tgt Ion: 99 Resp: 78133
Ion Ratio Lower Upper
99 100
42 14.7 13.8 20.6
71 30.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.25 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

Tgt Ion: 70 Resp: 86034
Ion Ratio Lower Upper
70 100
42 41.5 43.0 64.4#
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



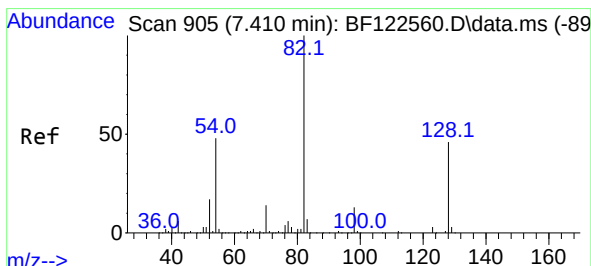
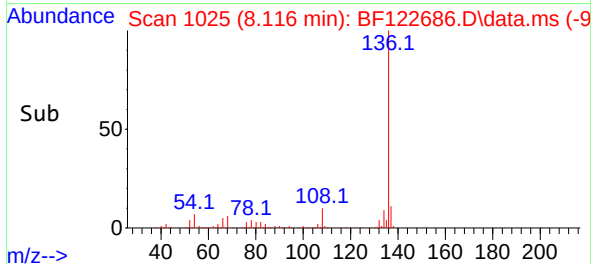
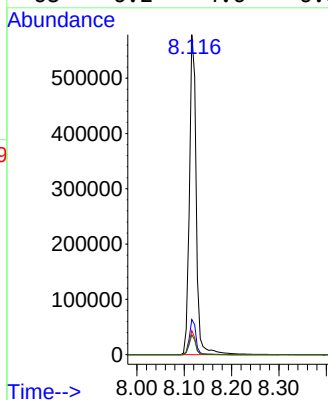
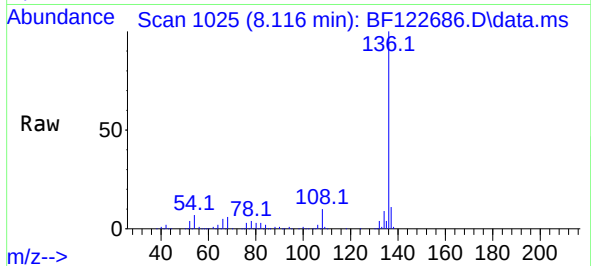


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

Instrument :
BNA_F
ClientSampleId :
351RX

Tgt Ion:136 Resp: 574713

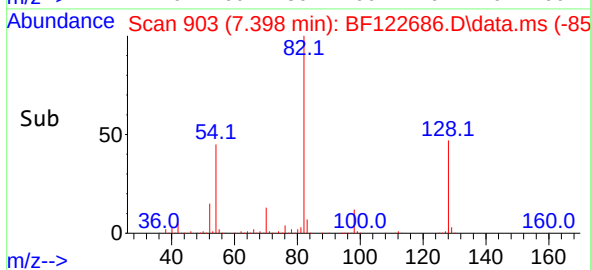
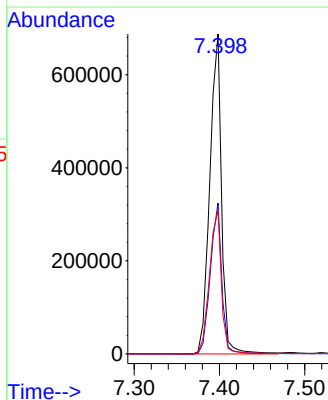
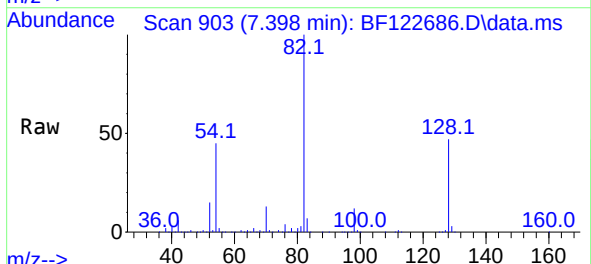
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.5	8.3
68	6.2	4.6	6.8

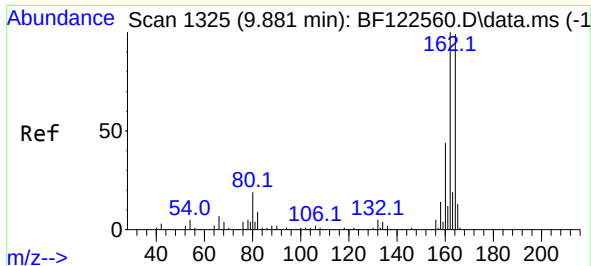


#23
Nitrobenzene-d5
Concen: 57.42 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

Tgt Ion: 82 Resp: 658660

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.4
54	44.8	38.4	57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122686.D

Acq: 12 Dec 2020 19:13

Instrument :

BNA_F

ClientSampleId :

351RX

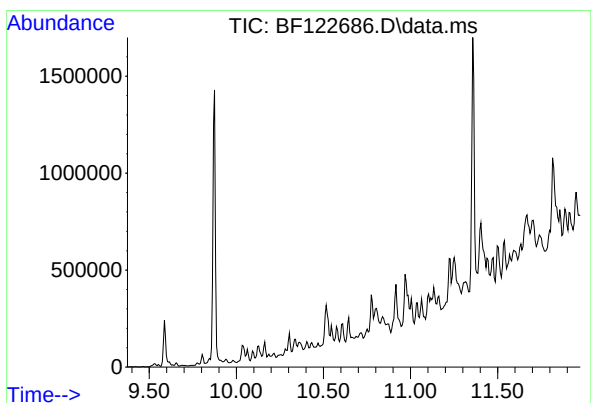
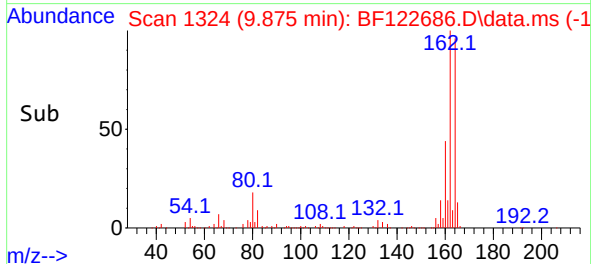
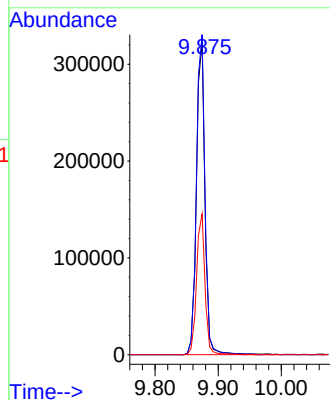
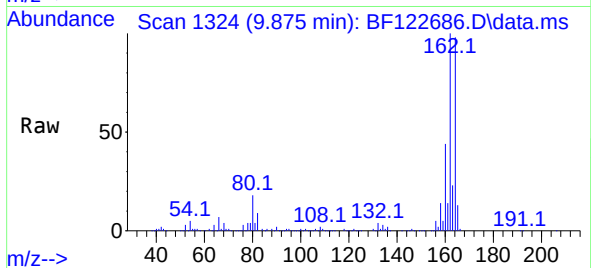
Tgt Ion:164 Resp: 302464

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 45.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.67 min

Lab File: BF122686.D

Acq: 12 Dec 2020 19:13

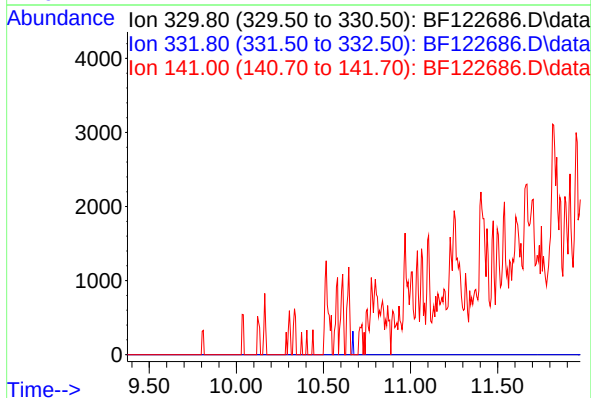
Tgt Ion: 330

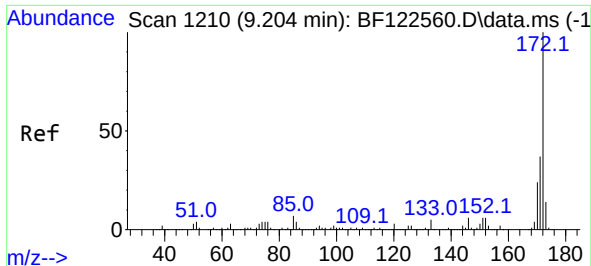
Sig Exp Ratio

330 100

332 96.9

141 29.8

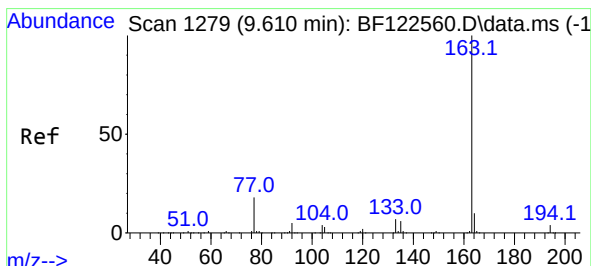
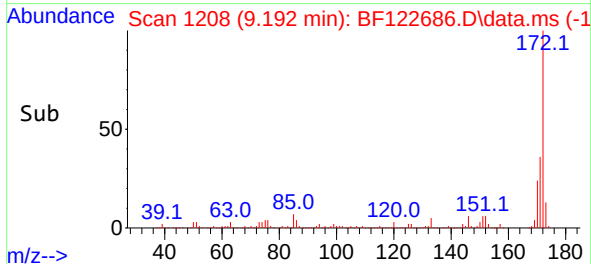
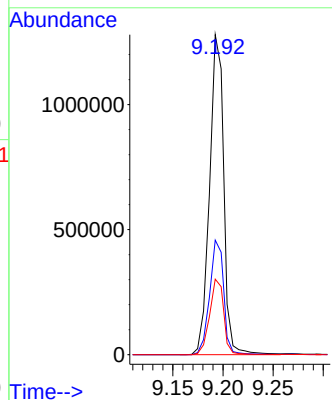
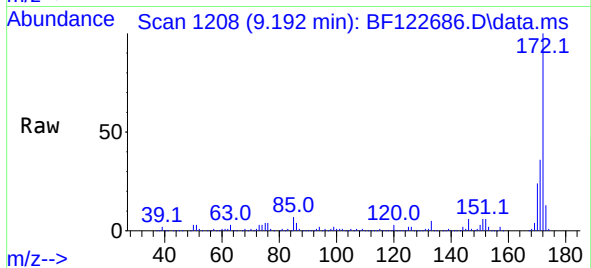




#45
2-Fluorobiphenyl
Concen: 56.27 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

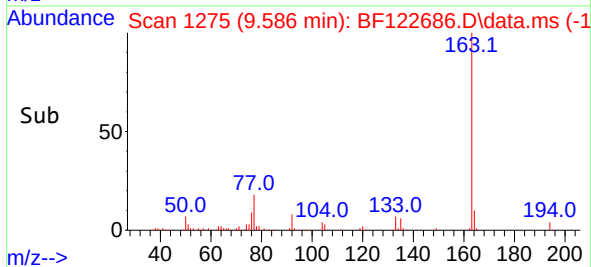
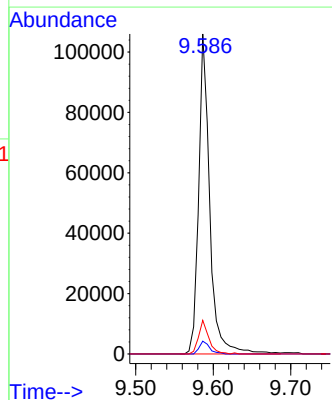
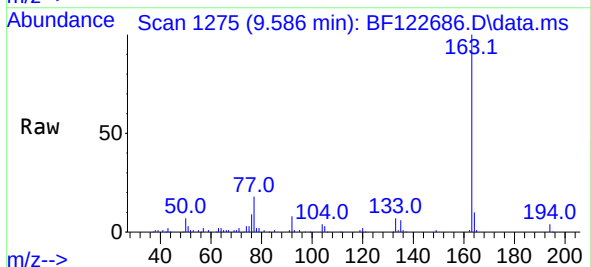
Instrument :
BNA_F
ClientSampled :
351RX

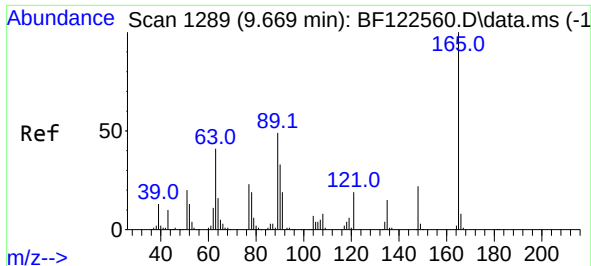
Tgt Ion:172 Resp: 1258267
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.5 29.3



#50
Dimethylphthalate
Concen: 4.36 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

Tgt Ion:163 Resp: 105388
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.5 8.1 12.1

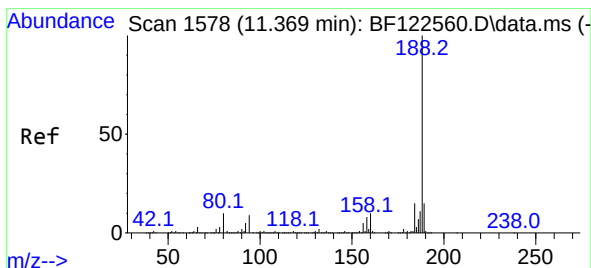
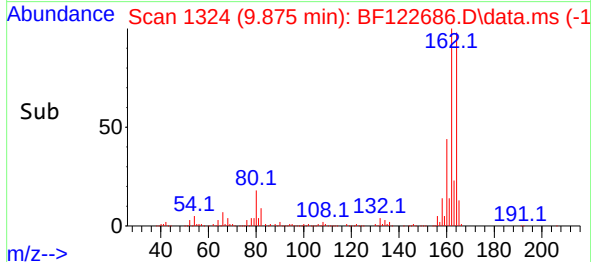
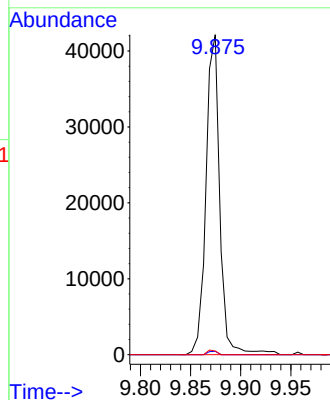
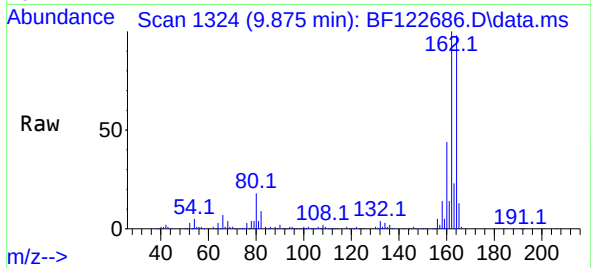




#51
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

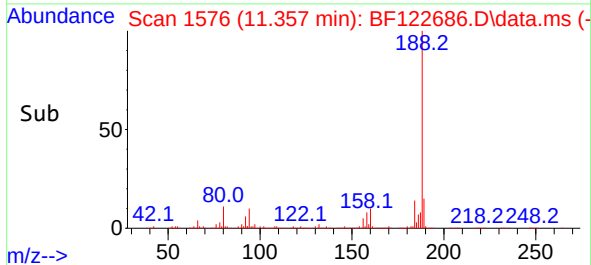
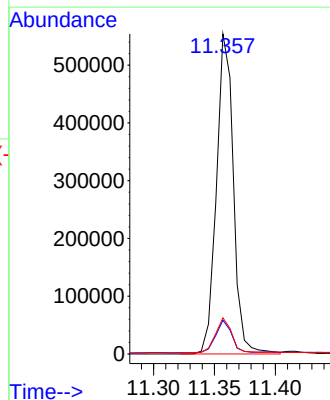
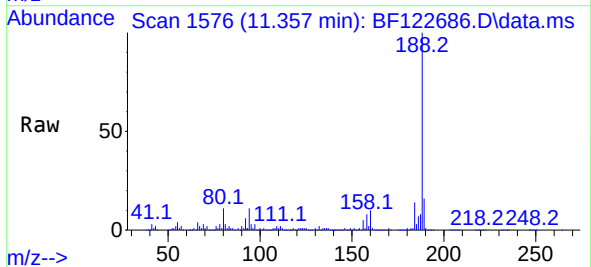
Instrument :
BNA_F
ClientSampleId :
351RX

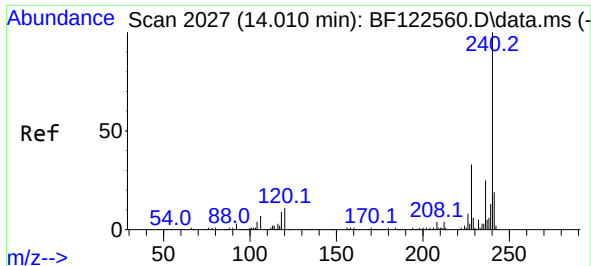
Tgt Ion:165 Resp: 40519
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

Tgt Ion:188 Resp: 538067
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.3 8.2 12.4

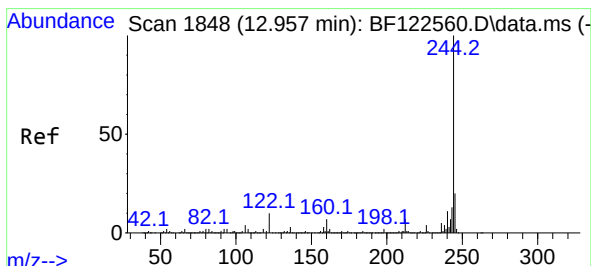
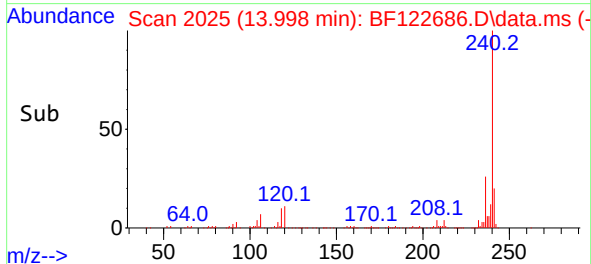
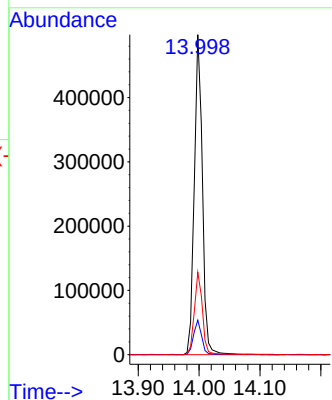
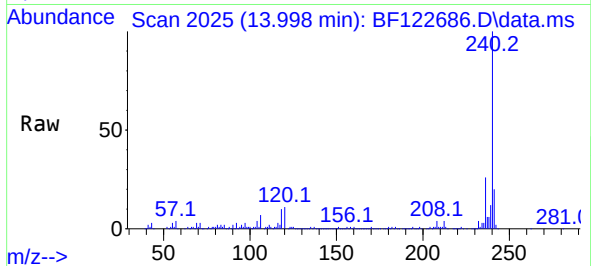




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

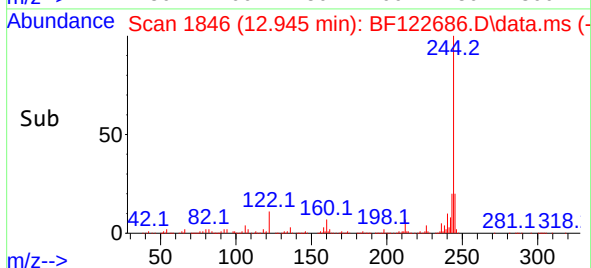
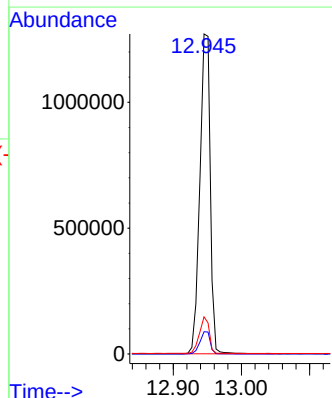
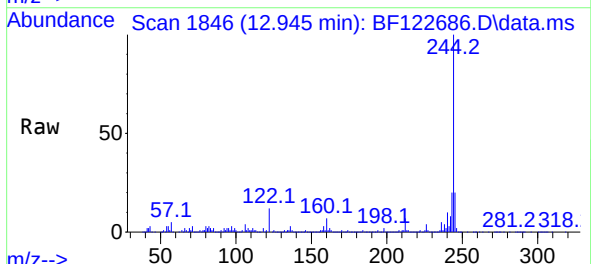
Instrument :
BNA_F
ClientSampleId :
351RX

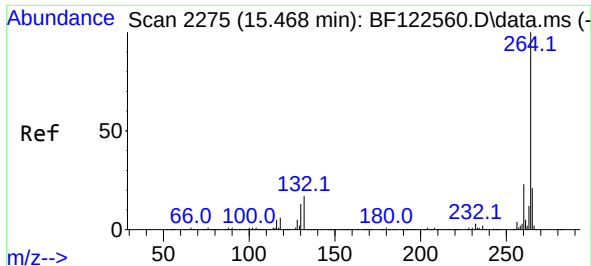
Tgt Ion:240 Resp: 461848
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 50.94 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

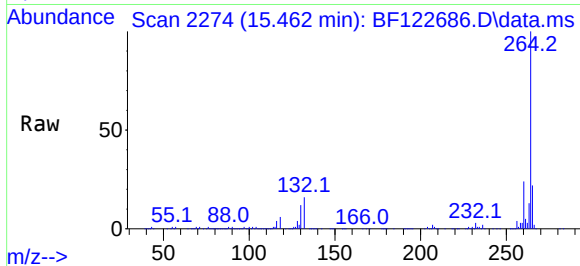
Tgt Ion:244 Resp: 1344071
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122686.D
Acq: 12 Dec 2020 19:13

Instrument :
BNA_F
ClientSampleId :
351RX



Tgt Ion:264 Resp: 409456
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.0 25.6

