

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122786.D
 Acq On : 18 Dec 2020 15:32
 Operator : JU/CG
 Sample : L5125-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DETENTION-LINE-1

Quant Time: Dec 18 16:08:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

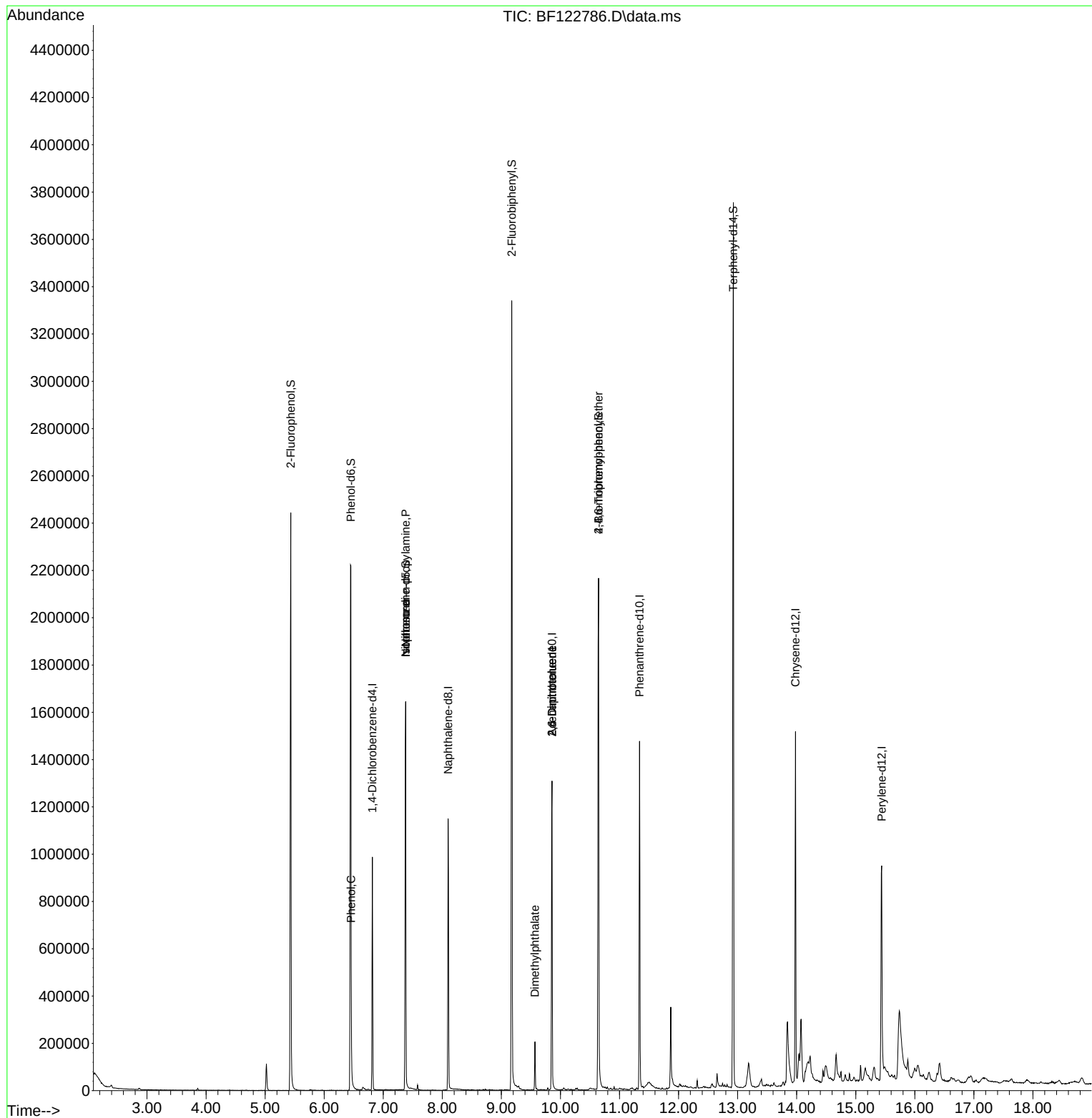
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	135878	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	529724	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	287014	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	537160	20.00	ng	0.00
76) Chrysene-d12	13.980	240	493895	20.00	ng	0.00
86) Perylene-d12	15.439	264	457888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	698172	81.35	ng	0.00
7) Phenol-d6	6.451	99	902722	79.31	ng	0.00
23) Nitrobenzene-d5	7.381	82	551715	52.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	323671	86.15	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1098235	51.76	ng	-0.01
79) Terphenyl-d14	12.927	244	1224708	43.41	ng	0.00
Target Compounds						
10) Phenol	6.457	94	30975	2.63	ng	Qvalue 93
19) n-Nitroso-di-n-propyla...	7.381	70	71121	10.91	ng	# 77
25) Isophorone	7.381	82	551707	30.30	ng	# 65
50) Dimethylphthalate	9.569	163	78753	3.44	ng	99
51) 2,6-Dinitrotoluene	9.857	165	35999	7.44	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	35999	5.58	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	19732	2.71	ng	# 1

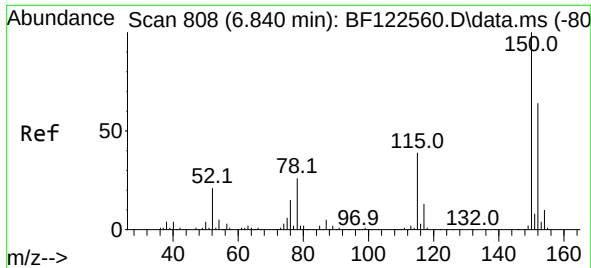
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122786.D
Acq On : 18 Dec 2020 15:32
Operator : JU/CG
Sample : L5125-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

Quant Time: Dec 18 16:08:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

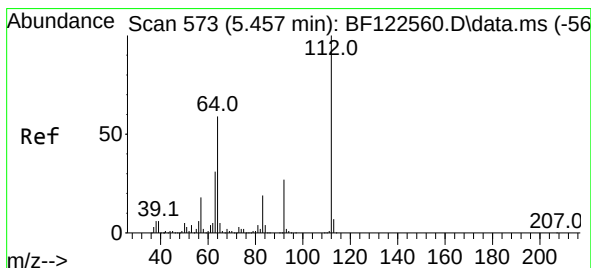
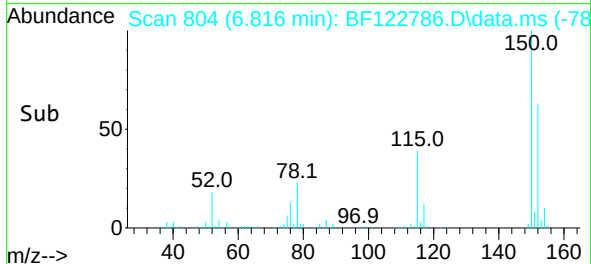
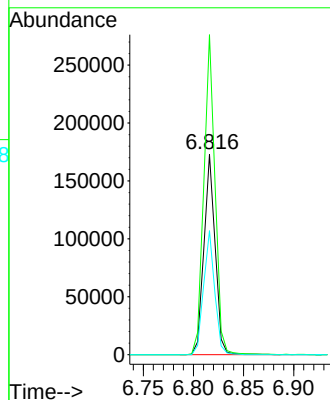
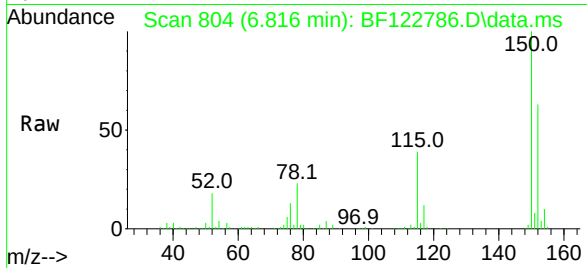




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

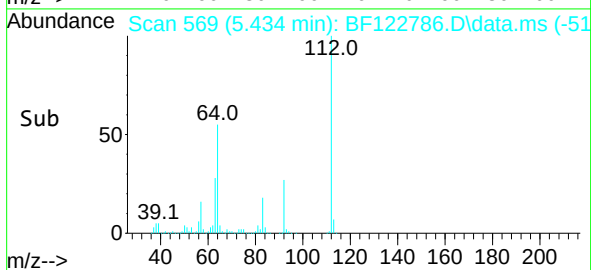
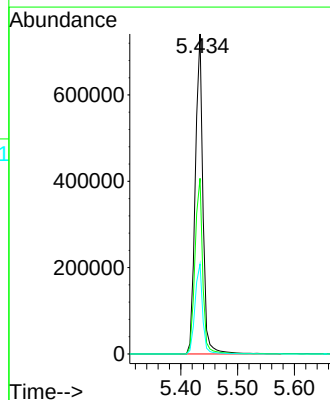
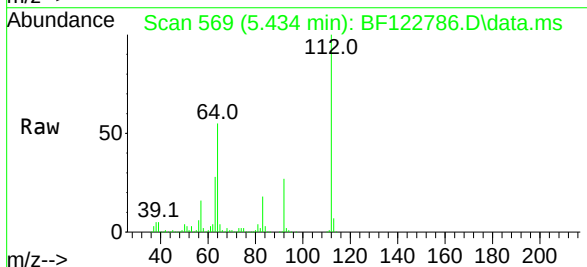
Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

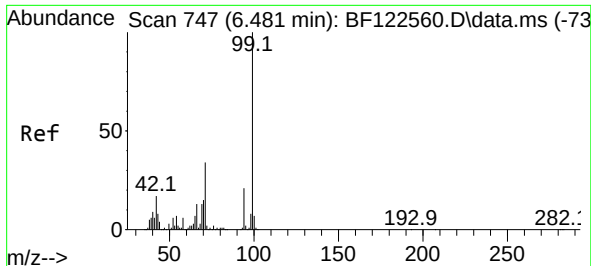
Tgt Ion:152 Resp: 135878
Ion Ratio Lower Upper
152 100
150 159.7 125.8 188.6
115 61.9 49.3 73.9



#5
2-Fluorophenol
Concen: 81.35 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

Tgt Ion:112 Resp: 698172
Ion Ratio Lower Upper
112 100
64 54.9 46.9 70.3
63 28.1 24.5 36.7

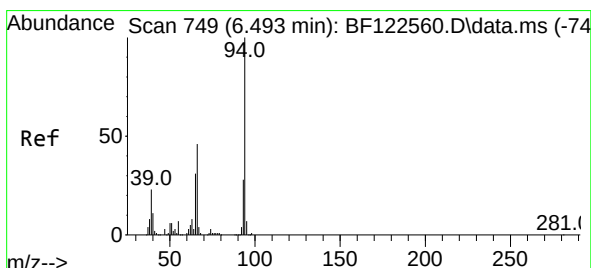
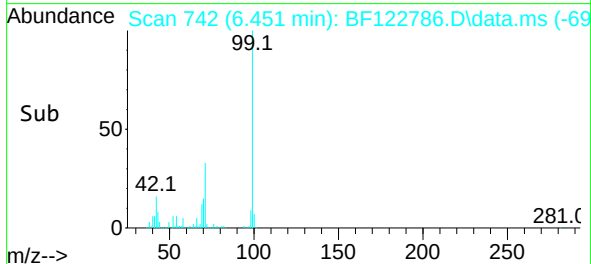
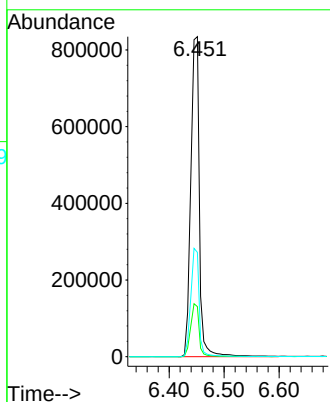
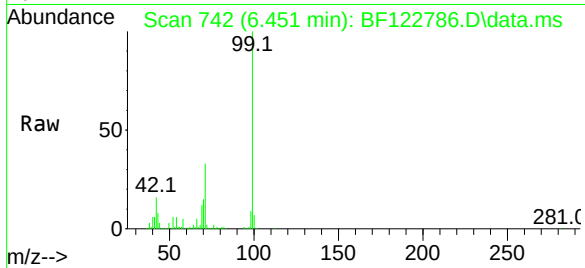




#7
Phenol-d6
Concen: 79.31 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

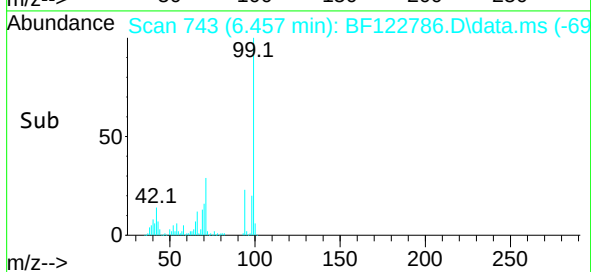
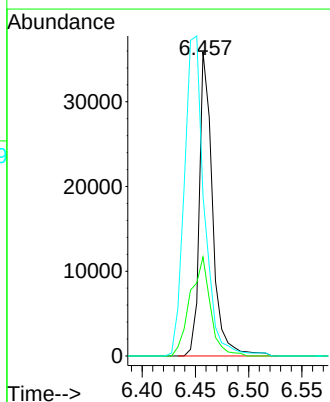
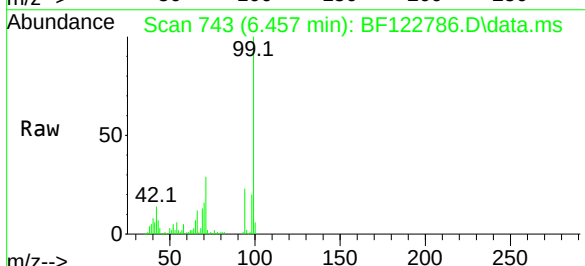
Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

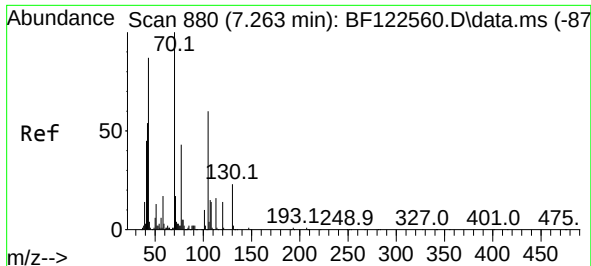
Tgt Ion: 99 Resp: 902722
Ion Ratio Lower Upper
99 100
42 15.6 13.8 20.6
71 32.6 26.9 40.3



#10
Phenol
Concen: 2.63 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

Tgt Ion: 94 Resp: 30975
Ion Ratio Lower Upper
94 100
65 32.5 11.2 51.2
66 52.7 25.8 65.8

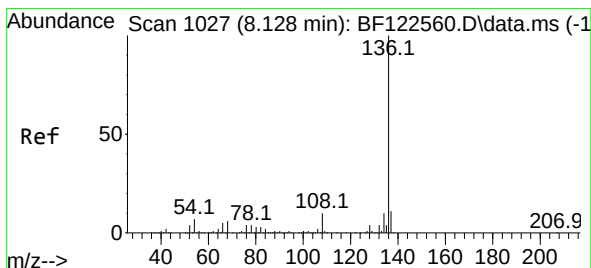
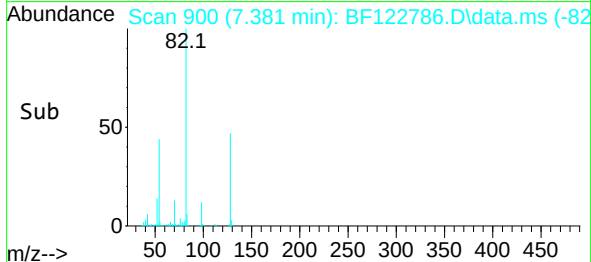
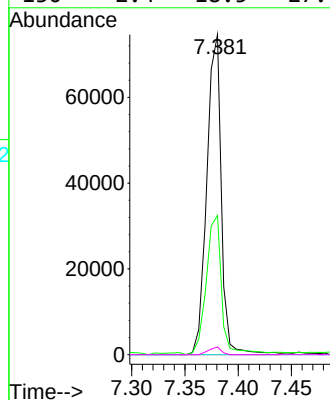
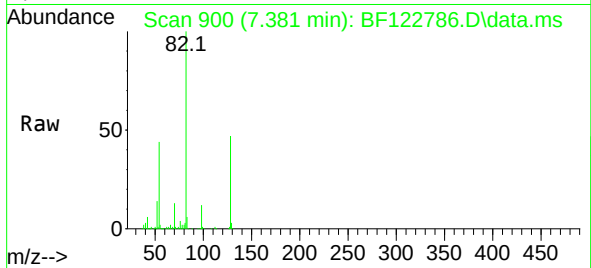




#19
n-Nitroso-di-n-propylamine
Concen: 10.91 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

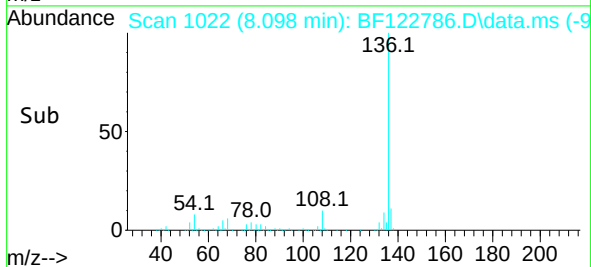
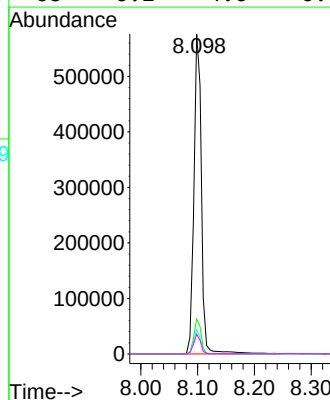
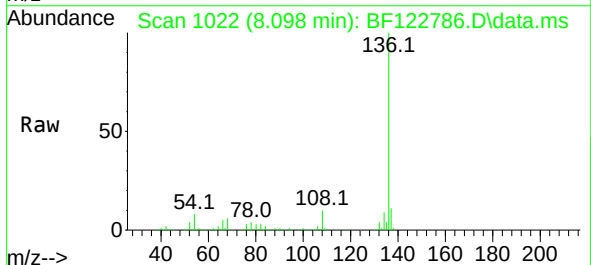
Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

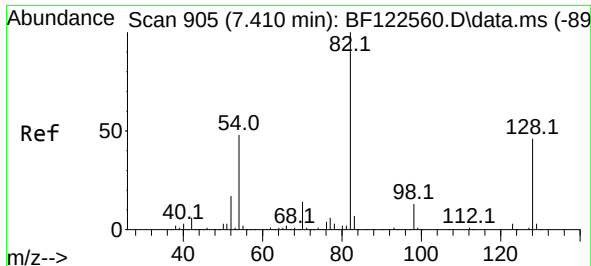
Tgt Ion: 70	Resp: 71121
Ion Ratio	Lower Upper
70 100	
42 43.5	43.0 64.4
101 0.0	7.9 11.9#
130 2.4	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

Tgt Ion: 136	Resp: 529724
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 7.6	5.5 8.3
68 6.2	4.6 6.8





#23

Nitrobenzene-d5

Concen: 52.18 ng

RT: 7.381 min Scan# 900

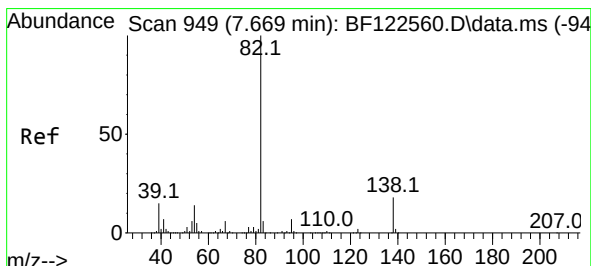
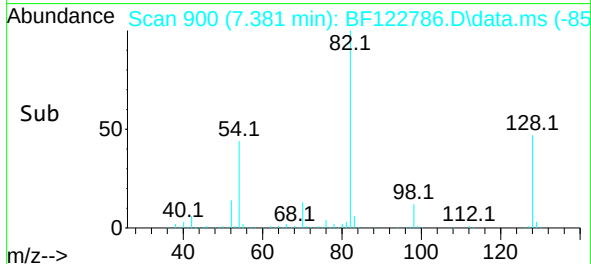
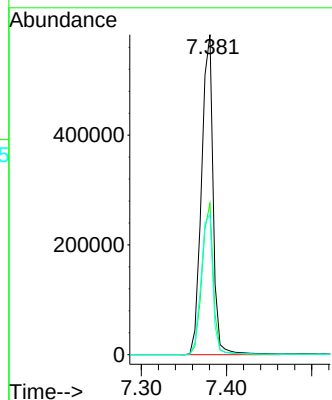
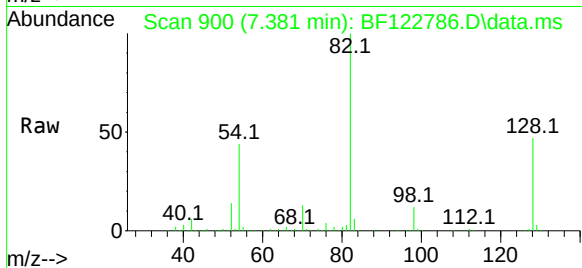
Delta R.T. -0.012 min

Lab File: BF122786.D

Acq: 18 Dec 2020 15:32

Tgt Ion: 82 Resp: 551715

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.4
54	43.8	38.4	57.6



#25

Isophorone

Concen: 30.30 ng

RT: 7.381 min Scan# 900

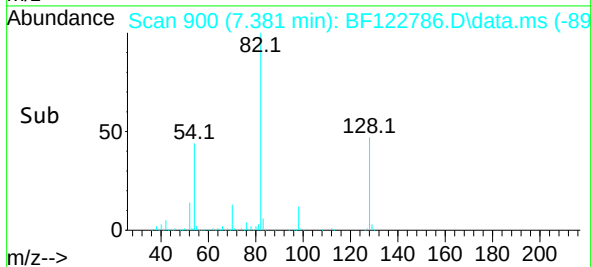
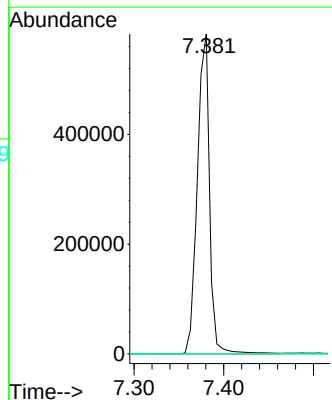
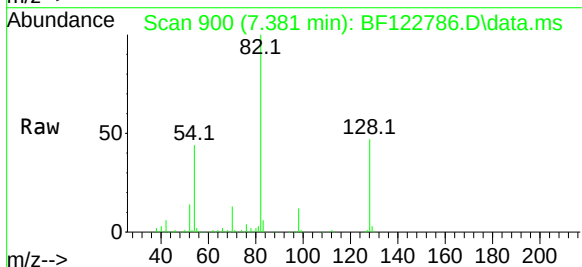
Delta R.T. -0.265 min

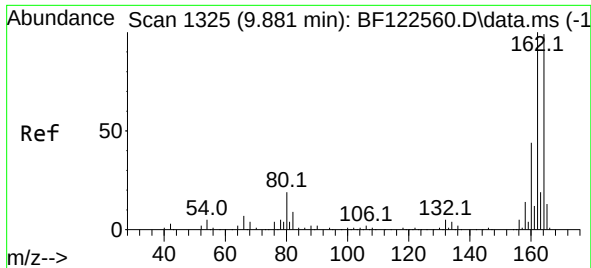
Lab File: BF122786.D

Acq: 18 Dec 2020 15:32

Tgt Ion: 82 Resp: 551707

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

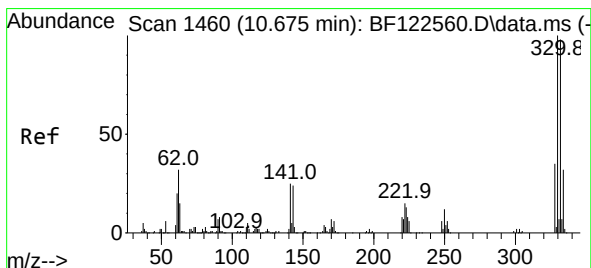
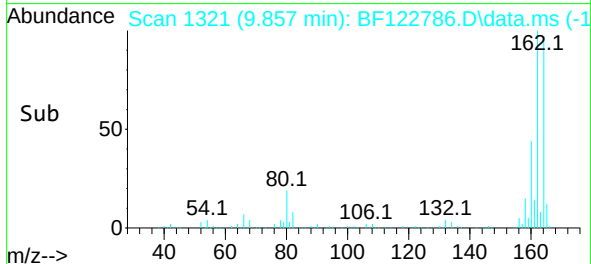
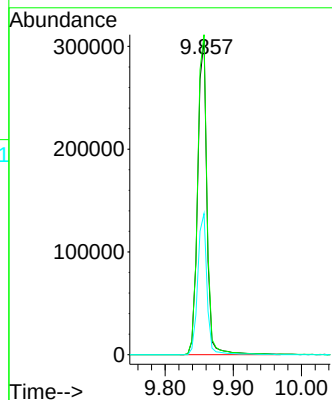
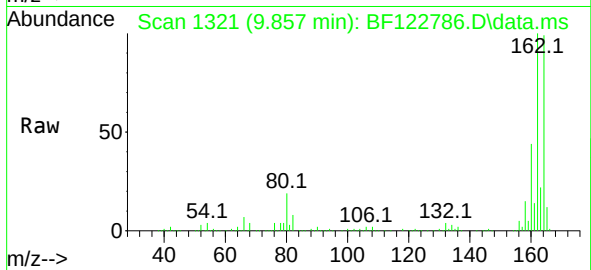




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

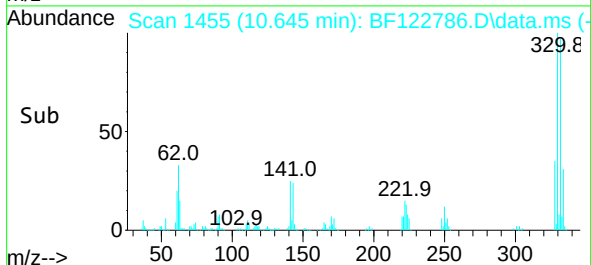
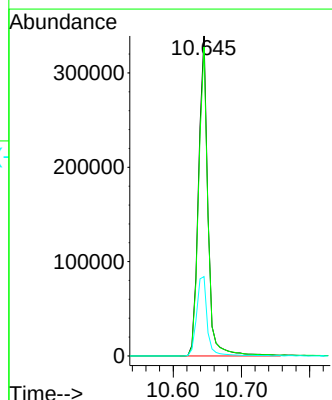
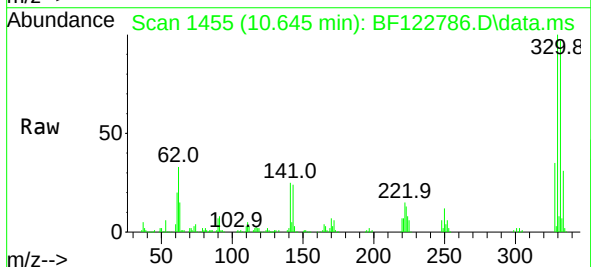
Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

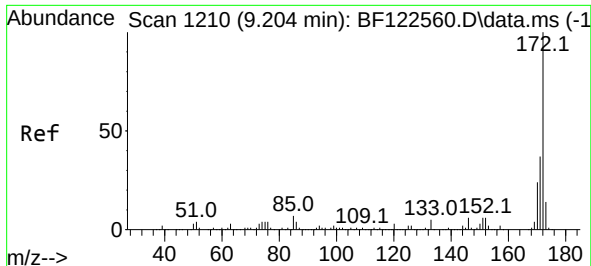
Tgt Ion:164 Resp: 287014
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 86.15 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

Tgt Ion:330 Resp: 323671
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 28.1 23.8 35.8

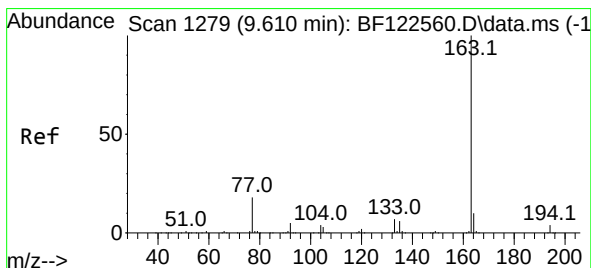
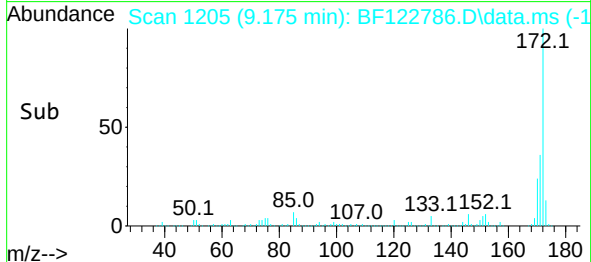
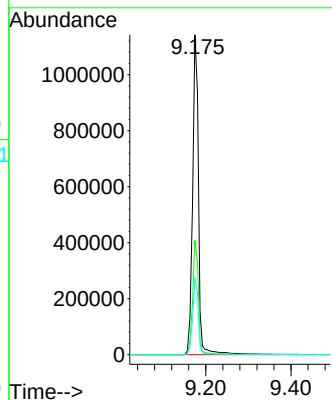
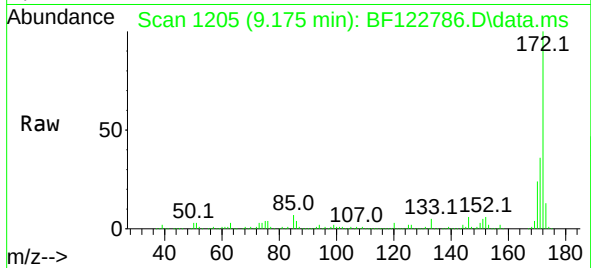




#45
2-Fluorobiphenyl
Concen: 51.76 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

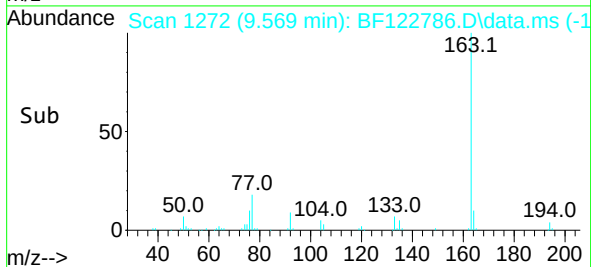
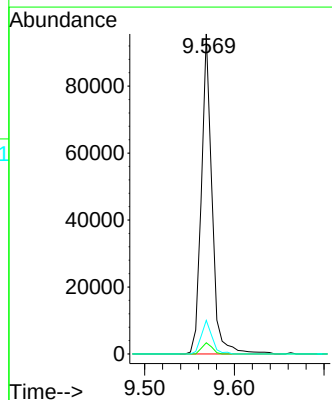
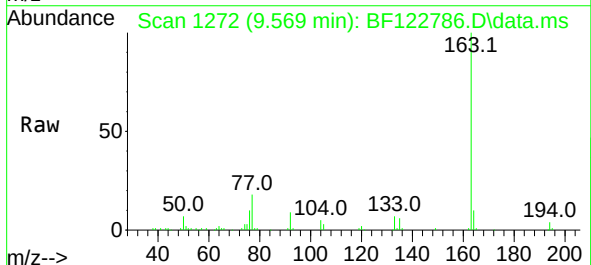
Instrument :
BNA_F
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DETENTION-LINE-1

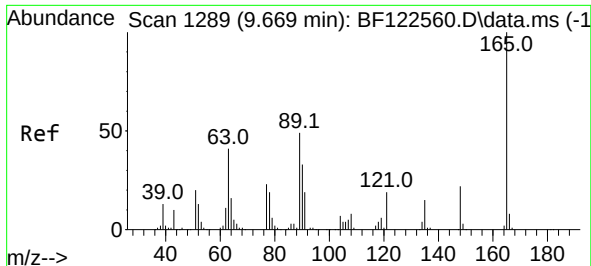
Tgt Ion:172 Resp: 1098235
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.5 29.3



#50
Dimethylphthalate
Concen: 3.44 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

Tgt Ion:163 Resp: 78753
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 10.5 8.1 12.1

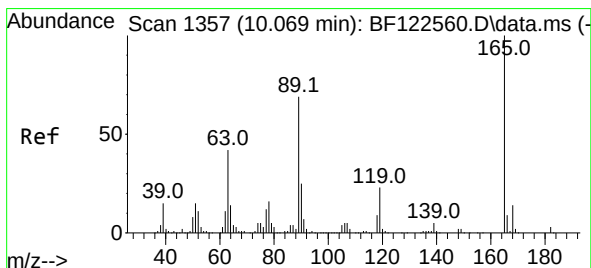
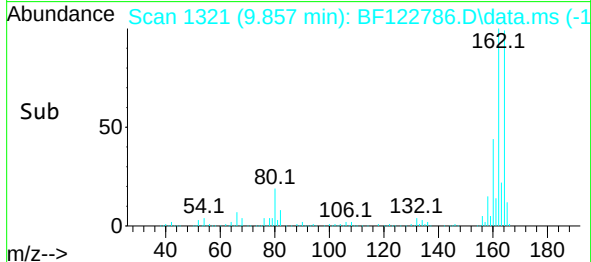
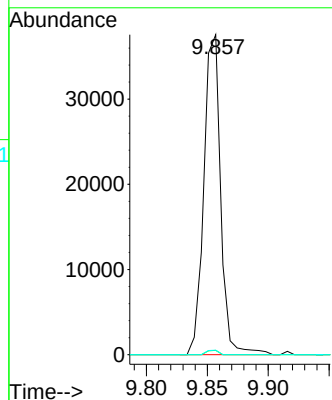
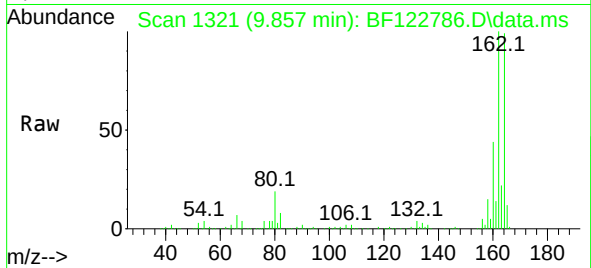




#51
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

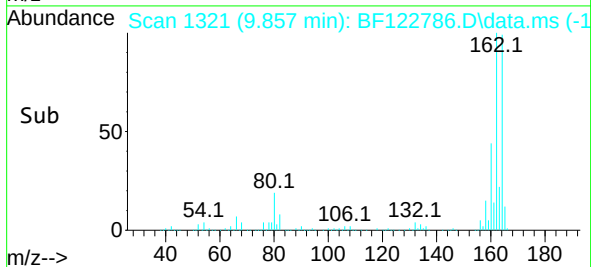
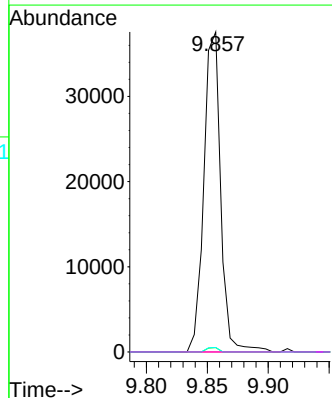
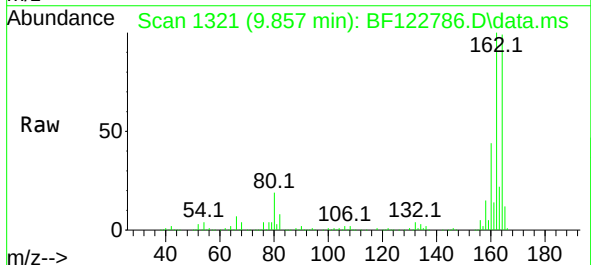
Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

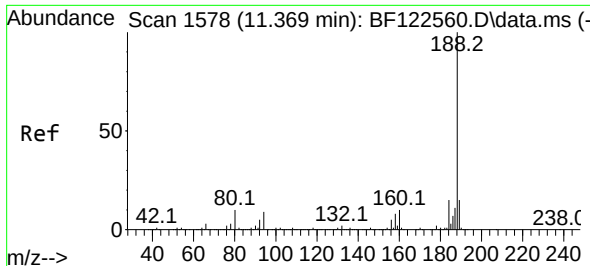
Tgt Ion:165 Resp: 35999
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

Tgt Ion:165 Resp: 35999
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

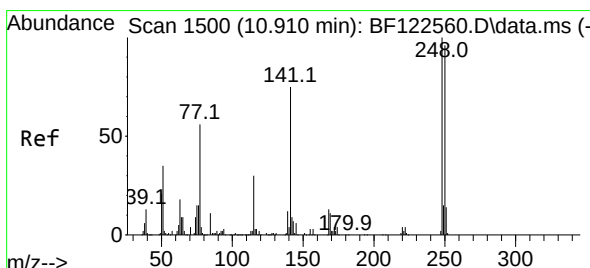
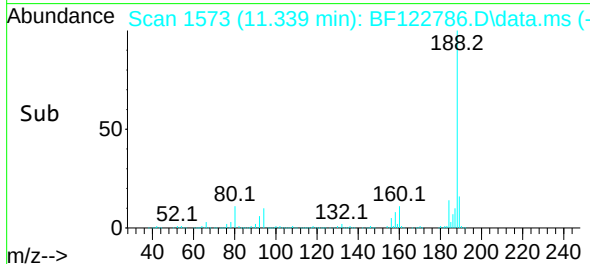
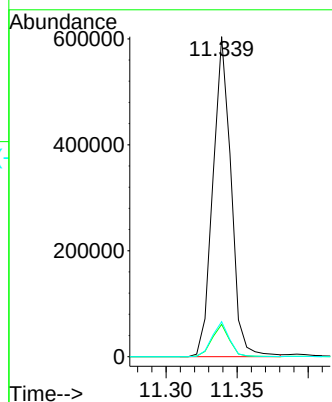
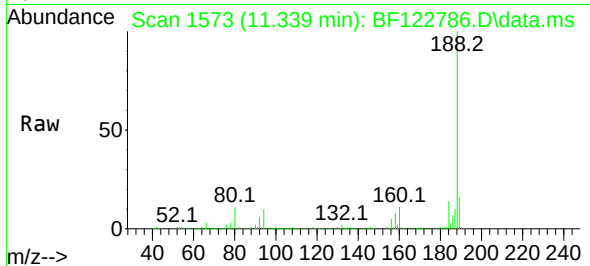




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

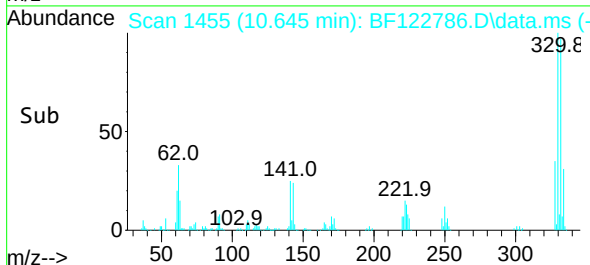
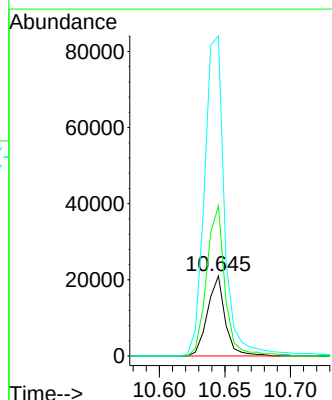
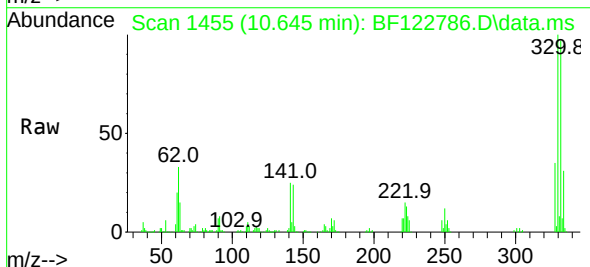
Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

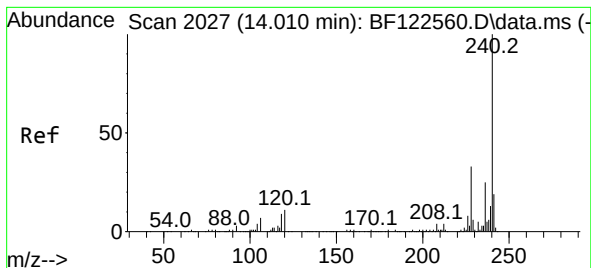
Tgt Ion:188 Resp: 537160
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

Tgt Ion:248 Resp: 19732
Ion Ratio Lower Upper
248 100
250 187.8 76.8 115.2#
141 400.3 59.8 89.8#

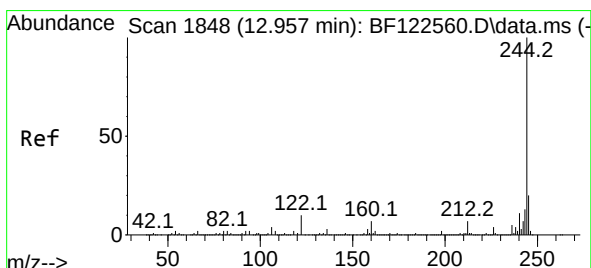
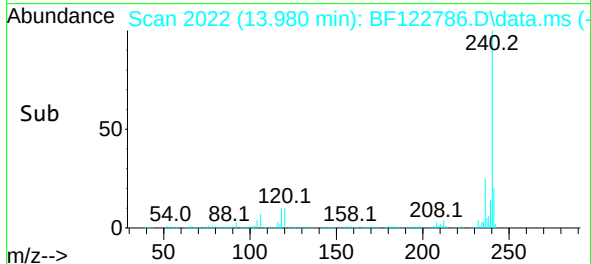
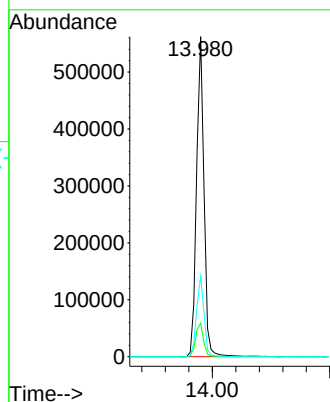
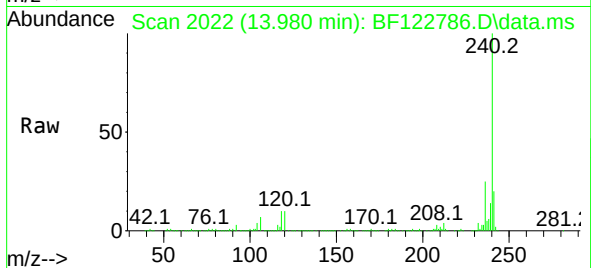




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

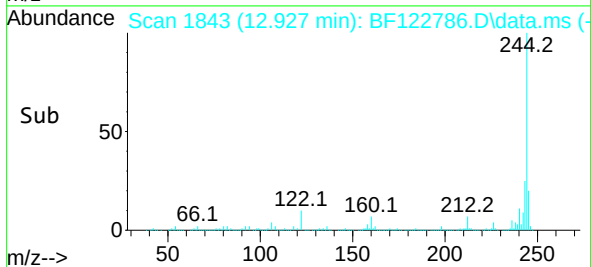
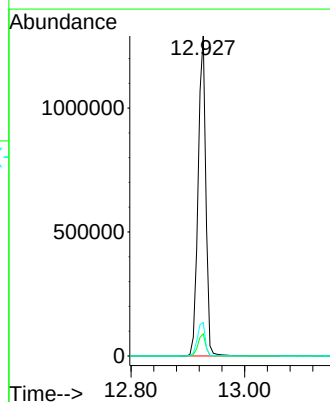
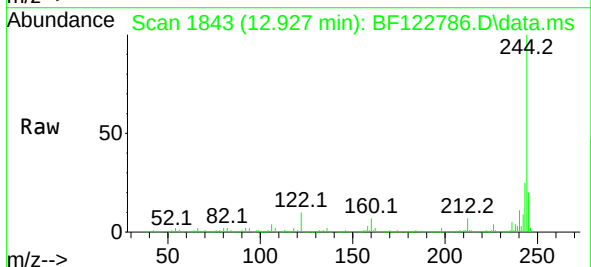
Instrument :
BNA_F
ClientSampleId :
DETENTION-LINE-1

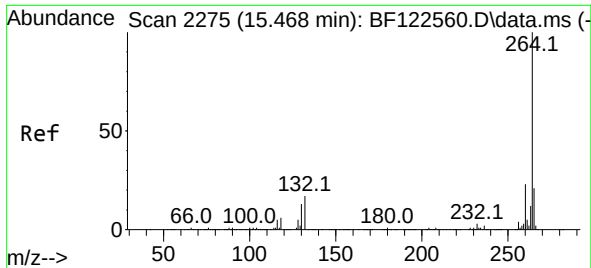
Tgt Ion:240 Resp: 493895
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 43.41 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122786.D
Acq: 18 Dec 2020 15:32

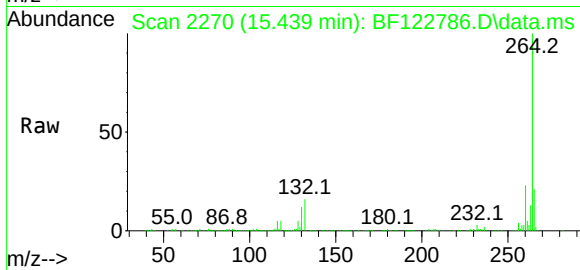
Tgt Ion:244 Resp: 1224708
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122786.D
 Acq: 18 Dec 2020 15:32

Instrument :
 BNA_F
 ClientSampleId :
 DETENTION-LINE-1



Tgt Ion:264 Resp: 457888

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.1	17.0	25.6

