

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122792.D
 Acq On : 18 Dec 2020 18:40
 Operator : JU/CG
 Sample : L5141-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 23:34:11 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)

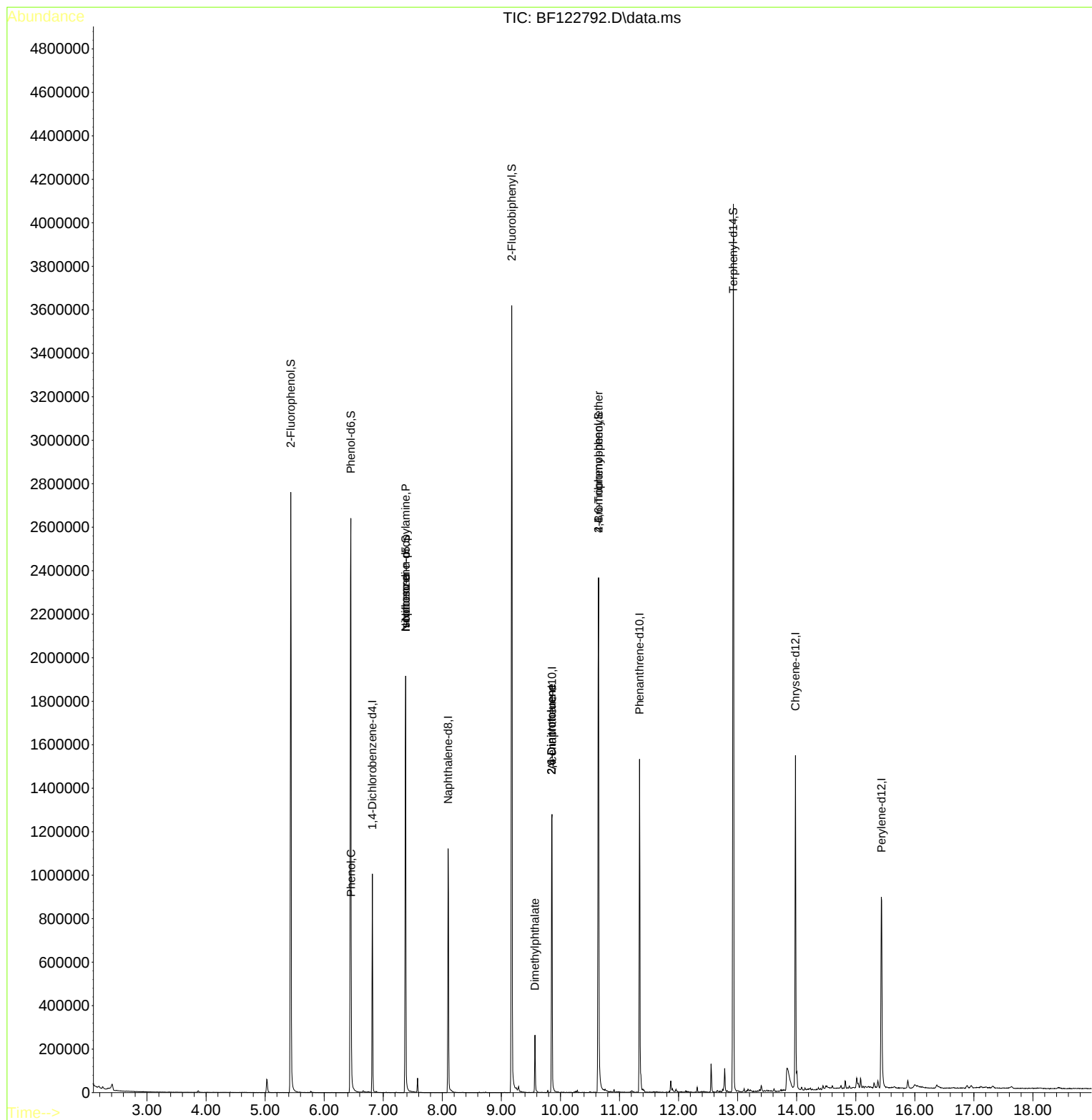
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	141255	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	544781	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	293691	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	562458	20.00	ng	0.00
76) Chrysene-d12	13.980	240	522121	20.00	ng	0.00
86) Perylene-d12	15.433	264	461261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	825389	92.51	ng	0.00
7) Phenol-d6	6.451	99	1028509	86.92	ng	0.00
23) Nitrobenzene-d5	7.381	82	644075	59.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	358909	93.36	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1244082	57.30	ng	-0.01
79) Terphenyl-d14	12.927	244	1419485	47.59	ng	0.00
Target Compounds						
10) Phenol	6.457	94	44719	3.65	ng	Qvalue 95
19) n-Nitroso-di-n-propyla...	7.381	70	84829	12.51	ng	# 75
25) Isophorone	7.381	82	644069	34.39	ng	# 65
50) Dimethylphthalate	9.569	163	109814	4.68	ng	99
51) 2,6-Dinitrotoluene	9.851	165	37071	7.48	ng	# 31
57) 2,4-Dinitrotoluene	9.851	165	37071	5.62	ng	# 26
67) 4-Bromophenyl-phenylether	10.645	248	22151	2.91	ng	# 1

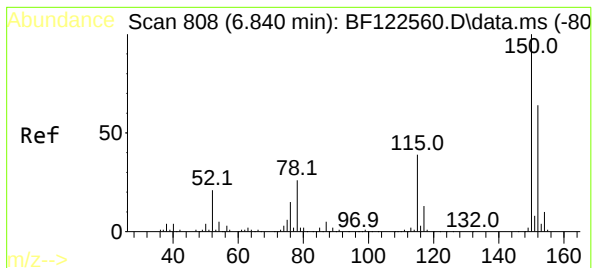
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 18 23:34:11 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

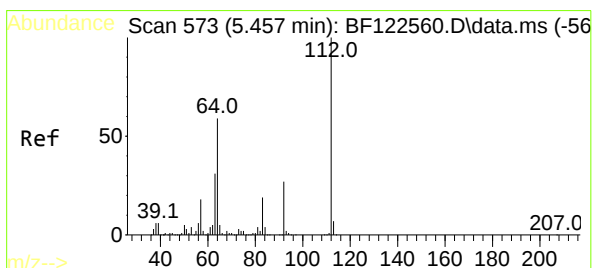
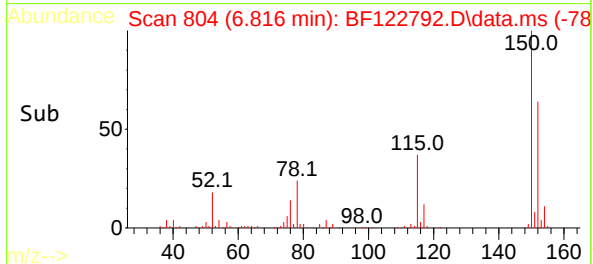
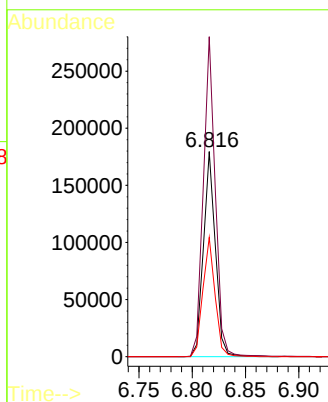
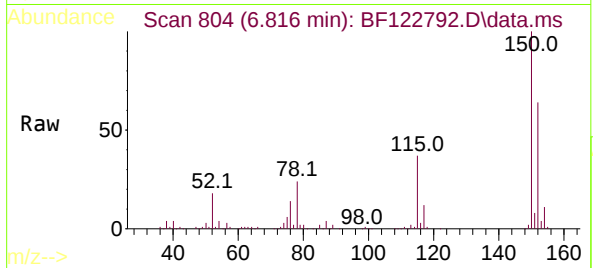




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

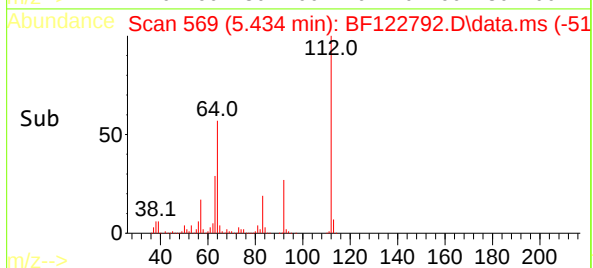
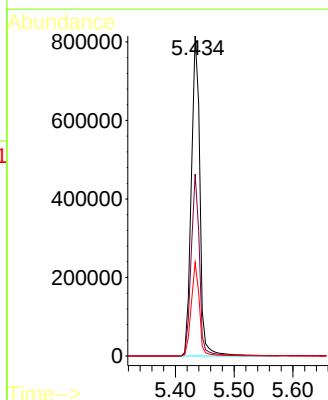
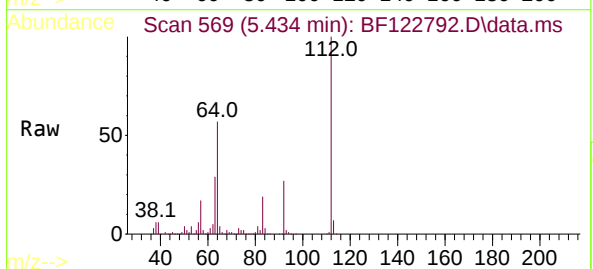
Instrument :
BNA_F
ClientSampleId :

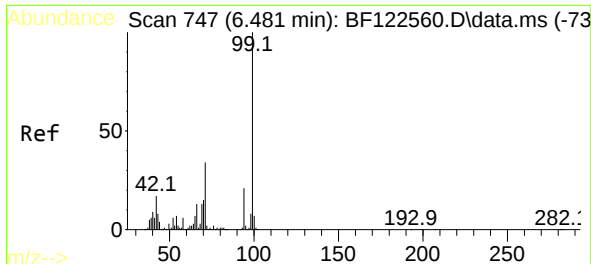
Tgt Ion:152 Resp: 141255
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 58.1 49.3 73.9



#5
2-Fluorophenol
Concen: 92.51 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion:112 Resp: 825389
Ion Ratio Lower Upper
112 100
64 56.8 46.9 70.3
63 29.2 24.5 36.7

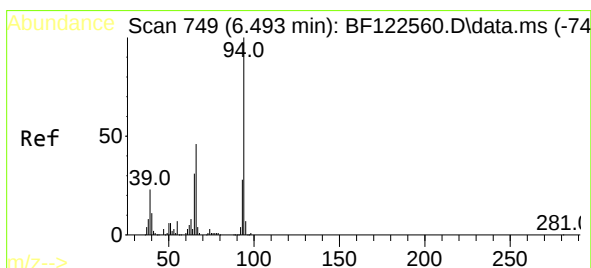
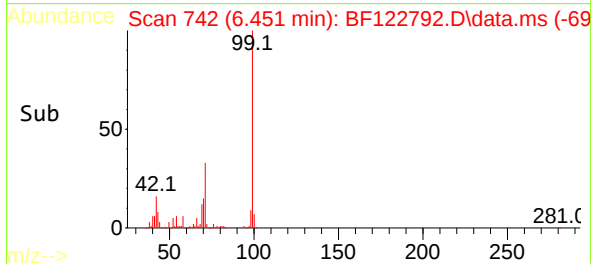
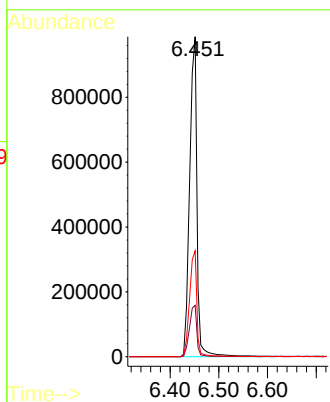
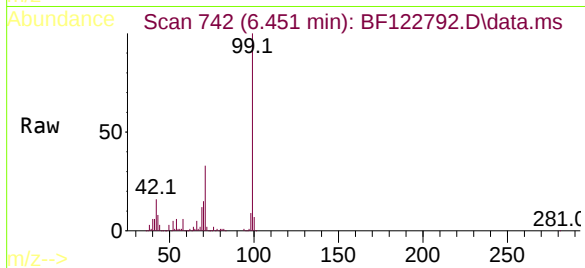




#7
Phenol-d6
Concen: 86.92 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

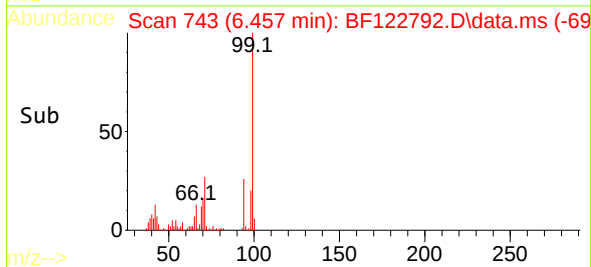
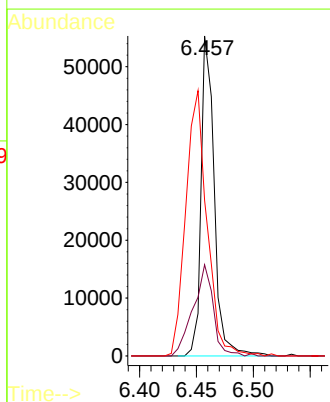
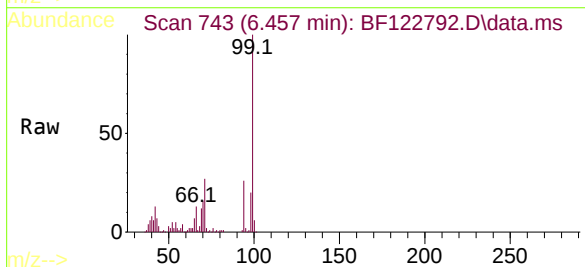
Instrument :
BNA_F
ClientSampleId :

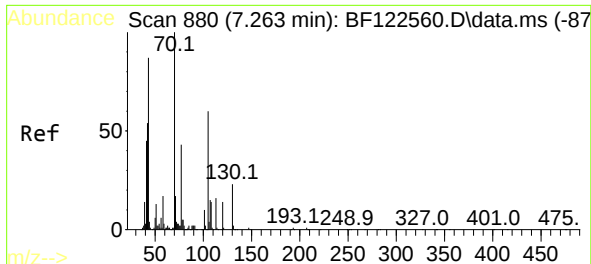
Tgt Ion: 99 Resp: 1028509
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 33.1 26.9 40.3



#10
Phenol
Concen: 3.65 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion: 94 Resp: 44719
Ion Ratio Lower Upper
94 100
65 28.5 11.2 51.2
66 48.7 25.8 65.8



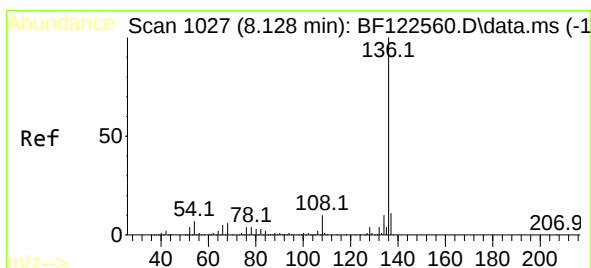
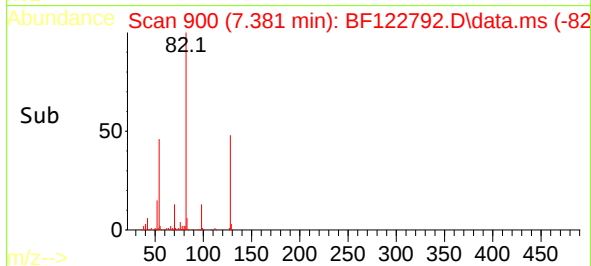
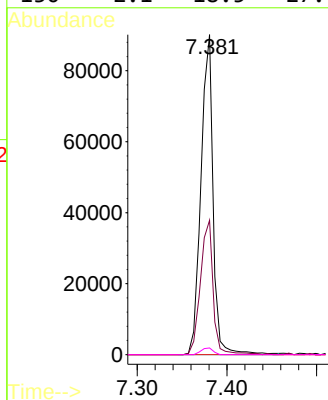
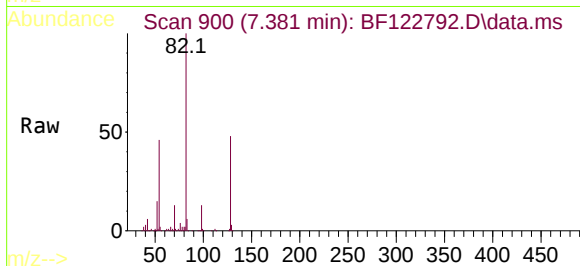


#19
n-Nitroso-di-n-propylamine
Concen: 12.51 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 84829

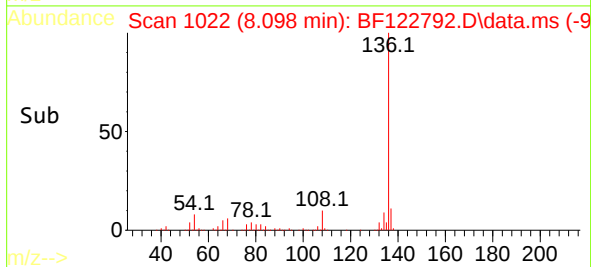
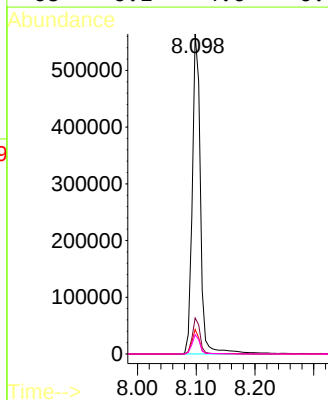
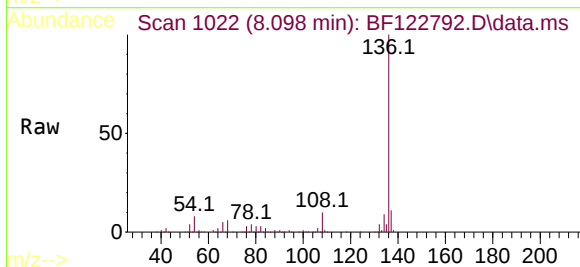
Ion	Ratio	Lower	Upper
70	100		
42	42.0	43.0	64.4#
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#

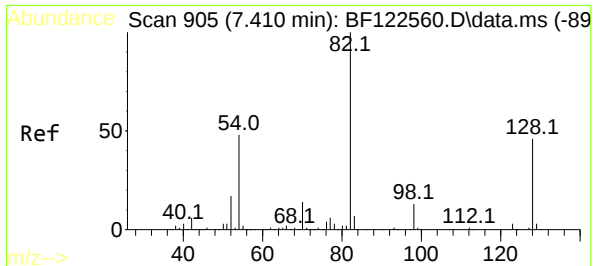


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion: 136 Resp: 544781

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	5.5	8.3
68	6.1	4.6	6.8

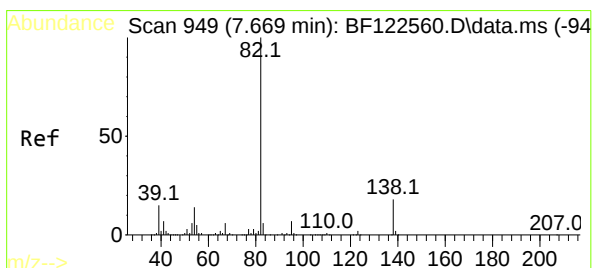
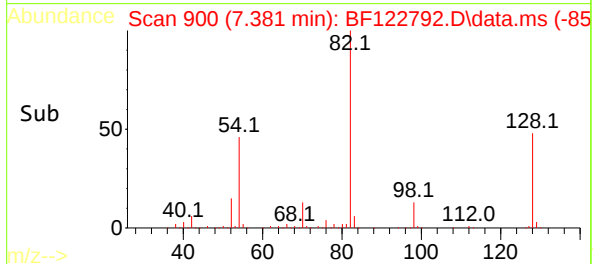
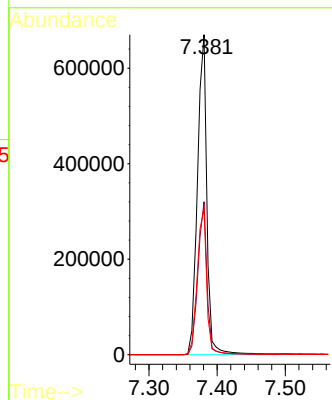
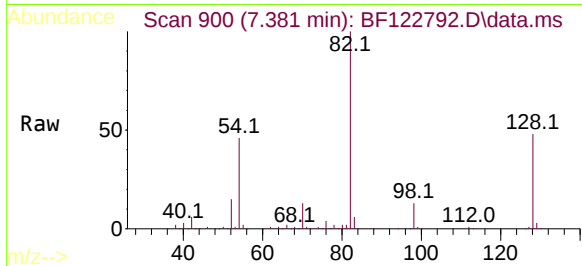




#23
Nitrobenzene-d5
Concen: 59.23 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

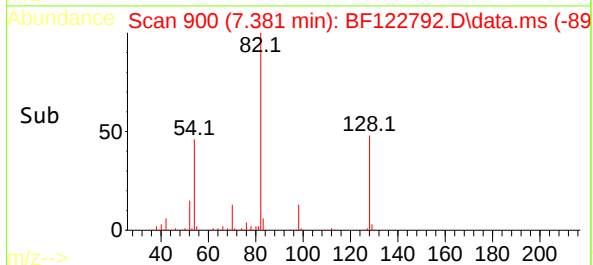
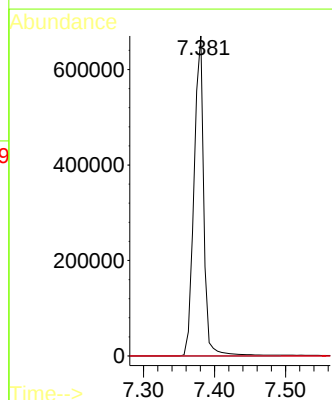
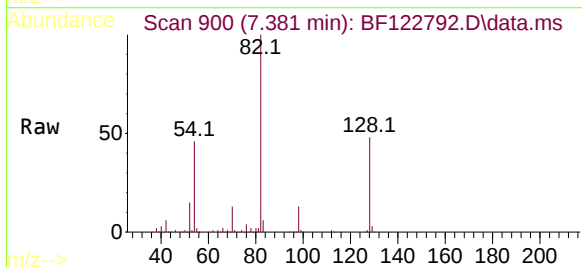
Instrument :
BNA_F
ClientSampleId :

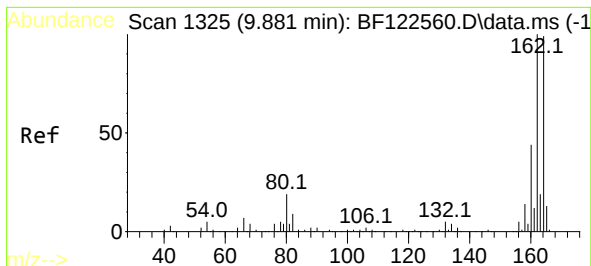
Tgt Ion: 82 Resp: 644075
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 45.6 38.4 57.6



#25
Isophorone
Concen: 34.39 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion: 82 Resp: 644069
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



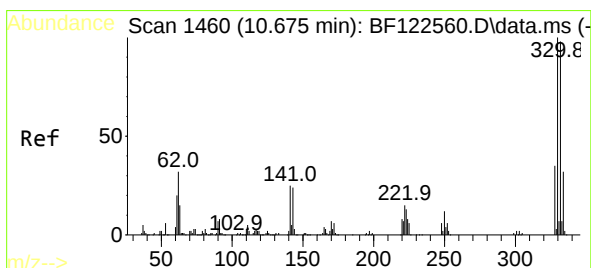
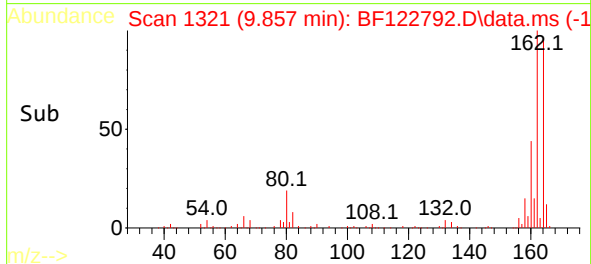
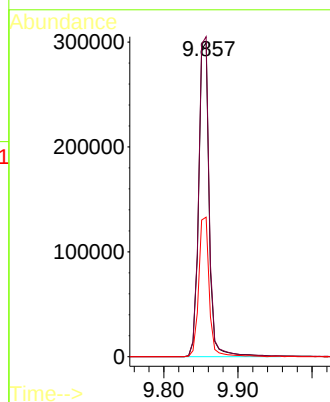
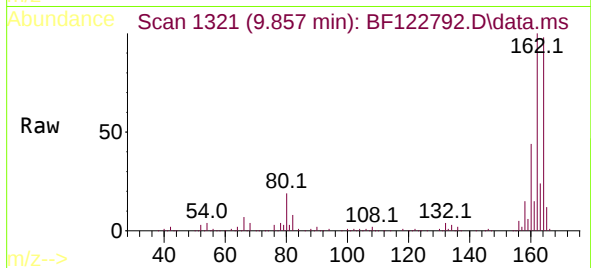


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 293691

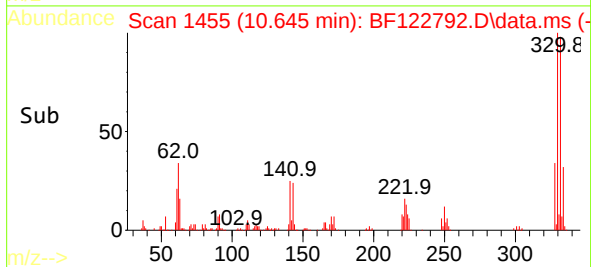
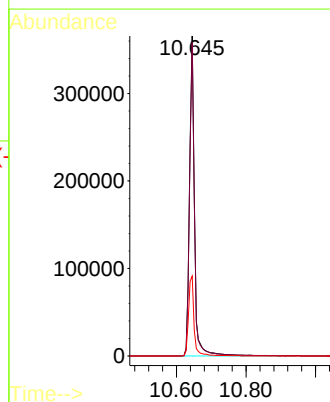
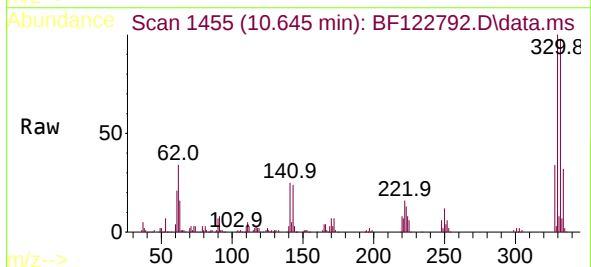
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	44.4	35.4	53.0

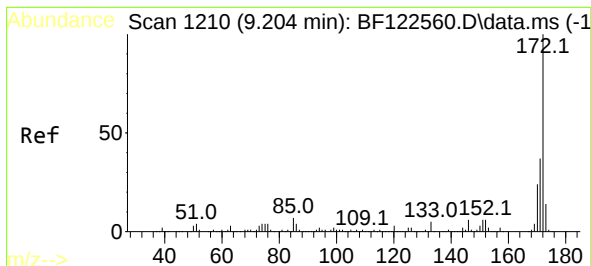


#42
2,4,6-Tribromophenol
Concen: 93.36 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion:330 Resp: 358909

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	27.5	23.8	35.8

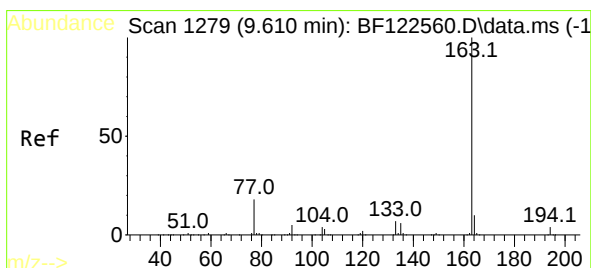
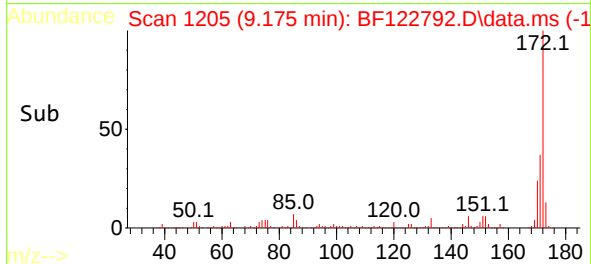
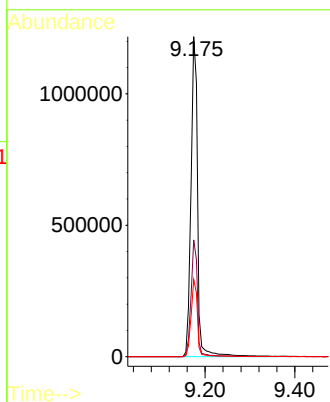
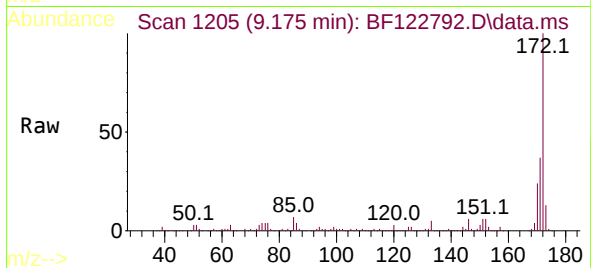




#45
2-Fluorobiphenyl
Concen: 57.30 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

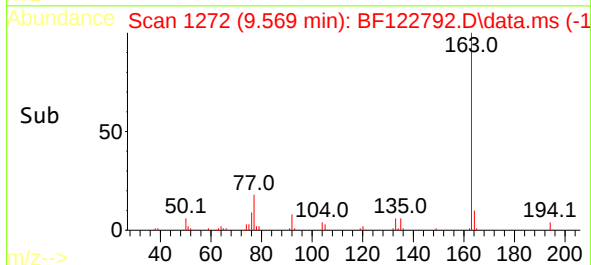
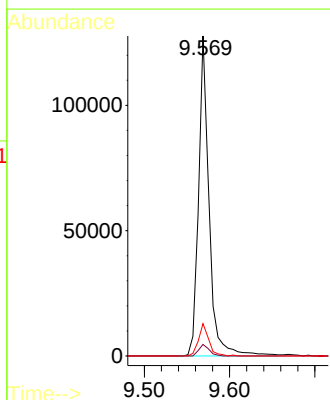
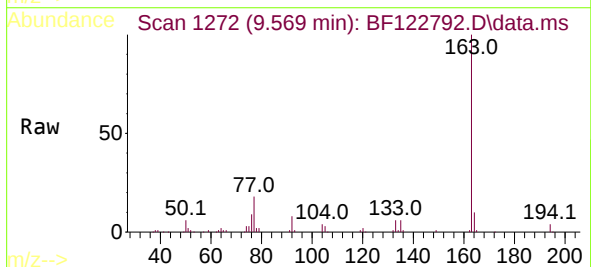
Instrument :
BNA_F
ClientSampled :

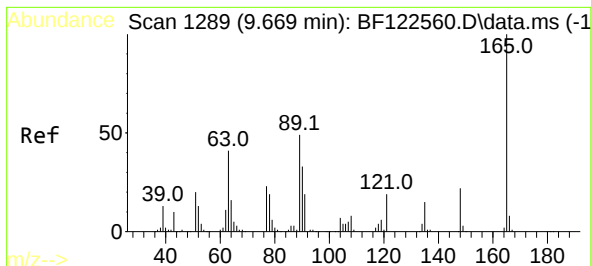
Tgt Ion:172 Resp: 1244082
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 4.68 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion:163 Resp: 109814
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.1 8.1 12.1

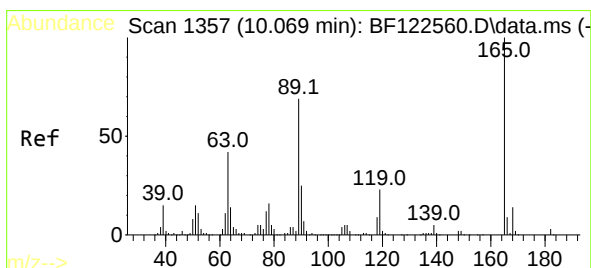
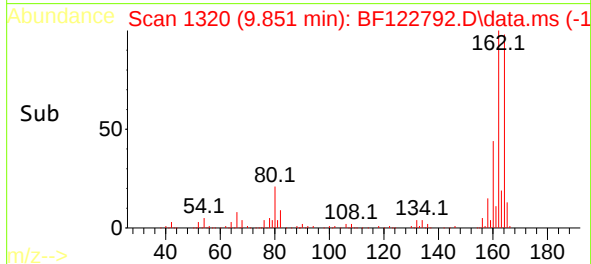
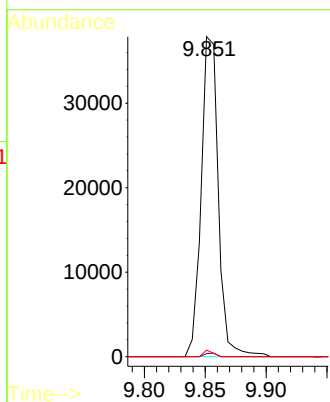
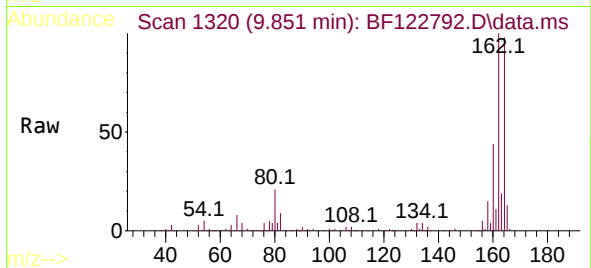




#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

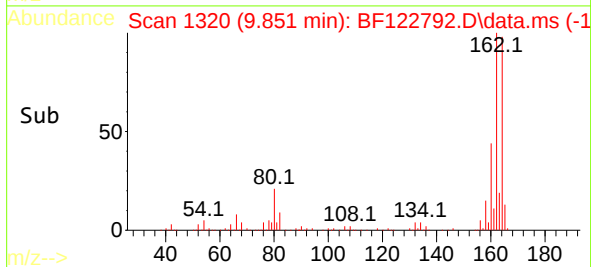
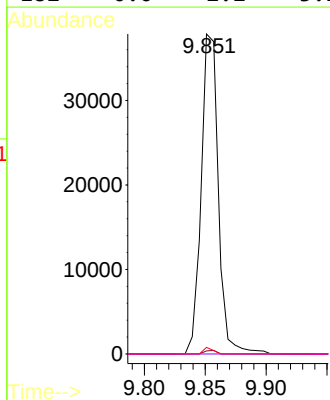
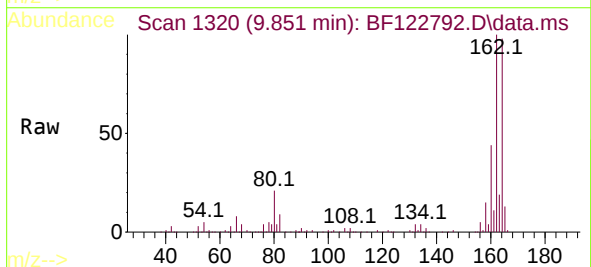
Instrument :
BNA_F
ClientSampled :

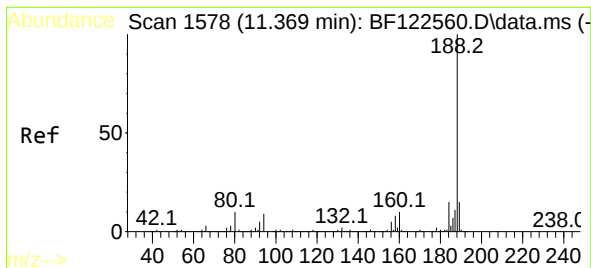
Tgt Ion:165 Resp: 37071
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 2.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion:165 Resp: 37071
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 2.0 55.2 82.8#
182 0.0 2.2 3.2#

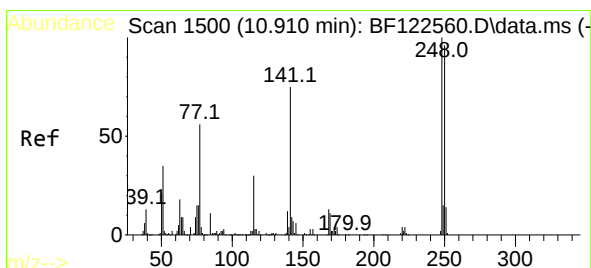
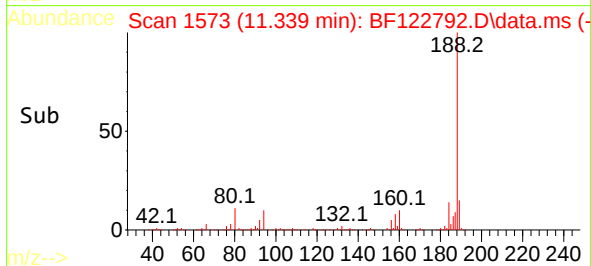
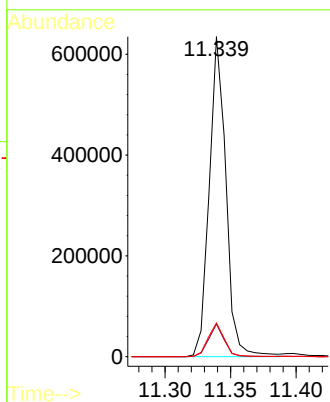
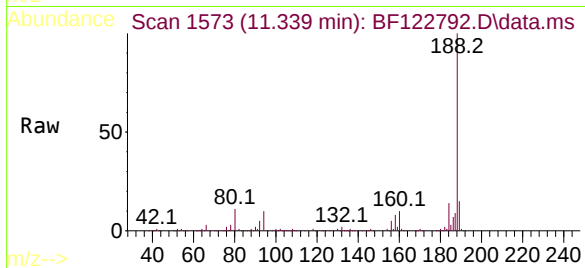




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

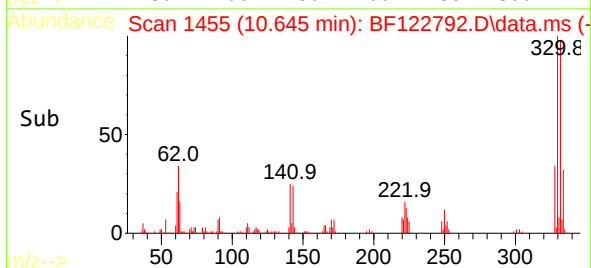
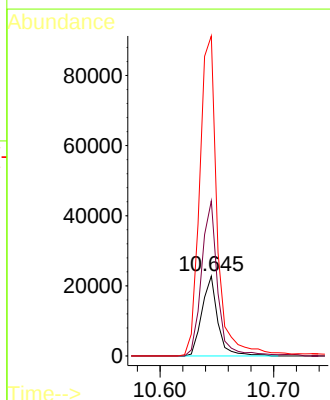
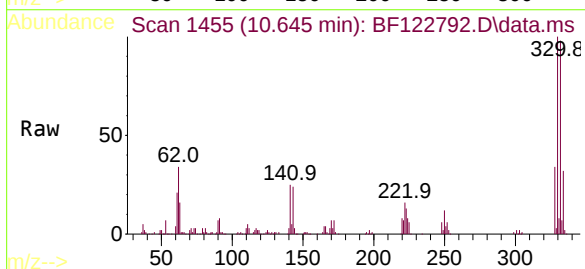
Instrument :
BNA_F
ClientSampleId :

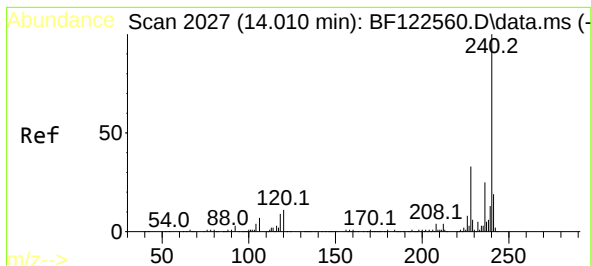
Tgt Ion:188 Resp: 562458
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion:248 Resp: 22151
Ion Ratio Lower Upper
248 100
250 193.9 76.8 115.2#
141 400.4 59.8 89.8#

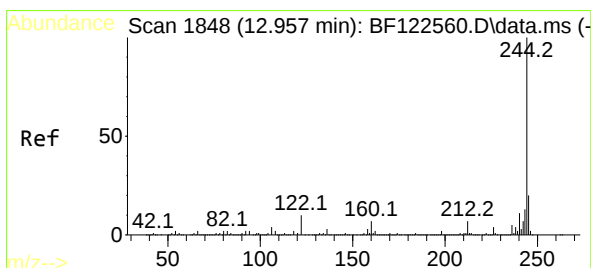
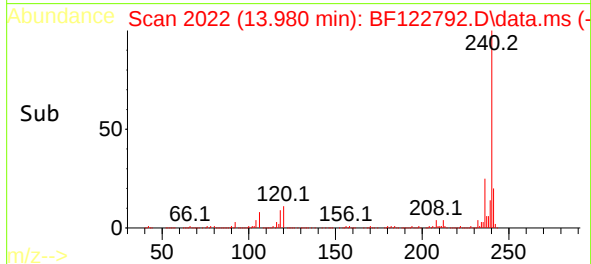
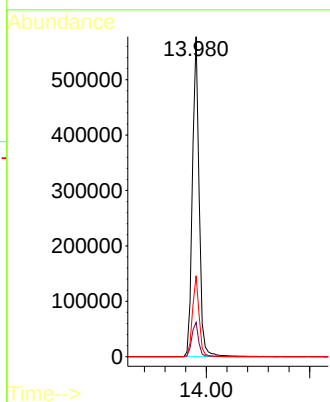
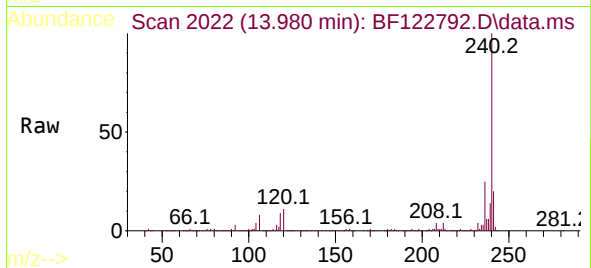




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

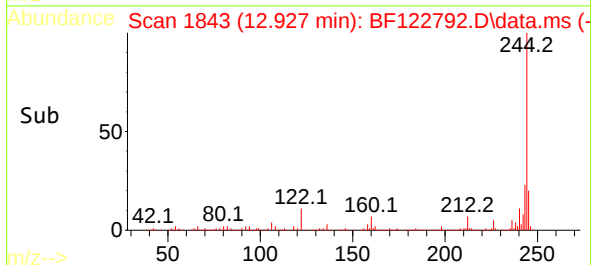
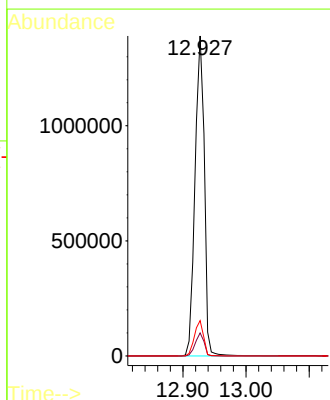
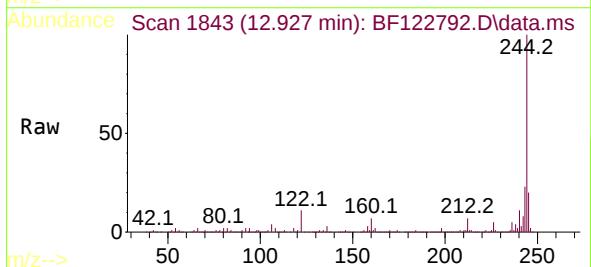
Instrument :
BNA_F
ClientSampled :

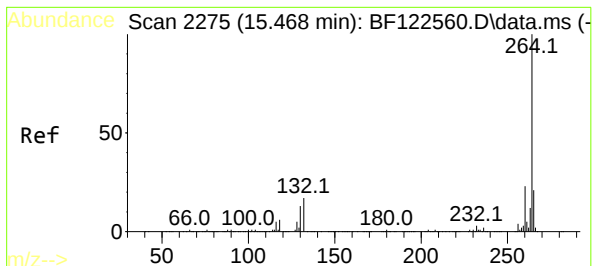
Tgt Ion:240 Resp: 522121
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 47.59 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Tgt Ion:244 Resp: 1419485
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.1 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122792.D
Acq: 18 Dec 2020 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 461261

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	22.1	17.0	25.6

