

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122784.D
 Acq On : 18 Dec 2020 14:08
 Operator : JU/CG
 Sample : PB133685BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133685BL

Quant Time: Dec 18 15:28:18 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)

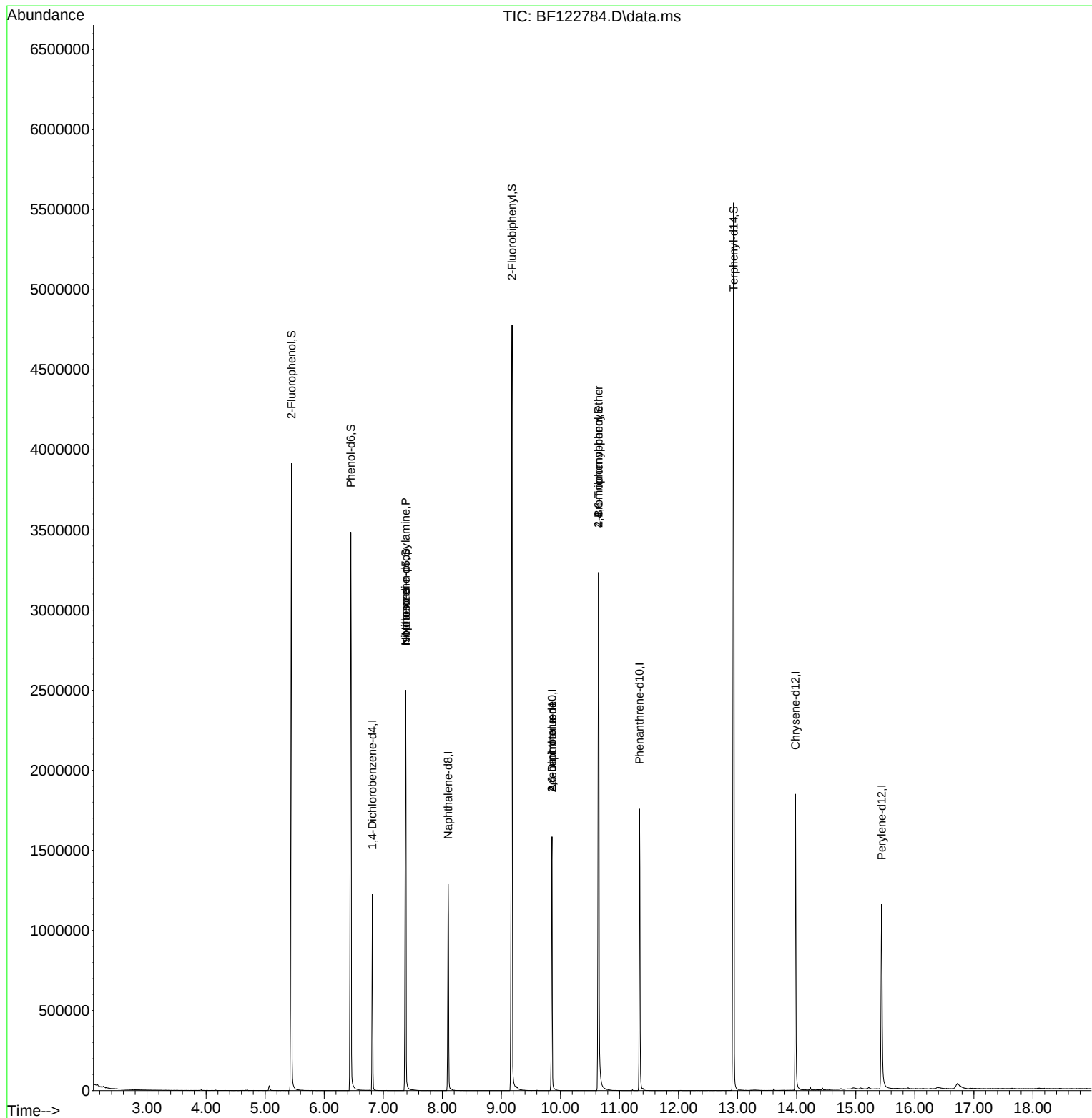
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	174467	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	697869	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	374335	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	708829	20.00	ng	0.00
76) Chrysene-d12	13.980	240	680596	20.00	ng	0.00
86) Perylene-d12	15.439	264	654008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1268749	115.13	ng	0.01
7) Phenol-d6	6.451	99	1595924	109.19	ng	0.00
23) Nitrobenzene-d5	7.381	82	1017627	73.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	556837	113.64	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1848560	66.79	ng	0.00
79) Terphenyl-d14	12.933	244	2213213	56.92	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	136138	16.26	ng	# 76
25) Isophorone	7.381	82	1017615	42.42	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	48113	7.62	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	48363	5.75	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	33439	3.48	ng	# 1

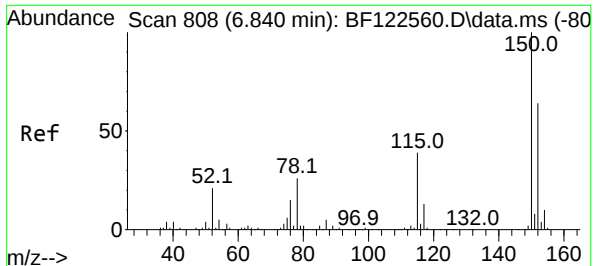
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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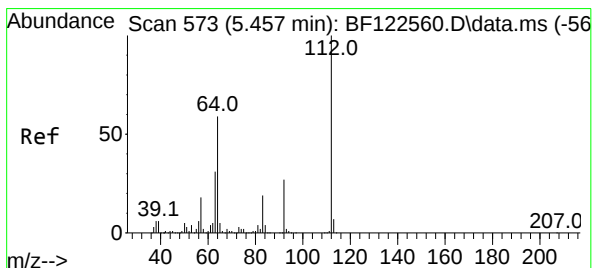
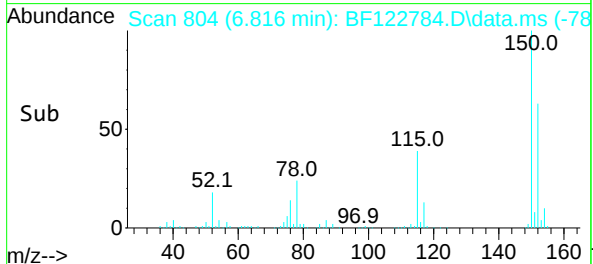
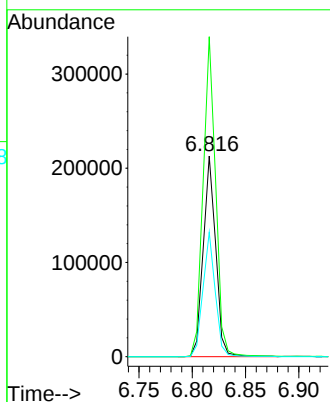
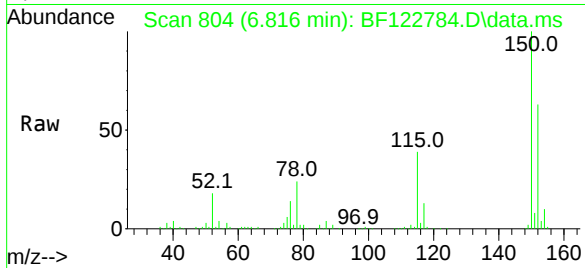




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

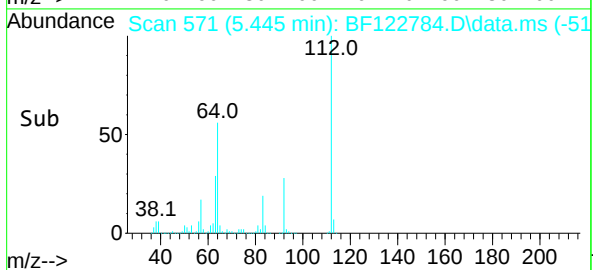
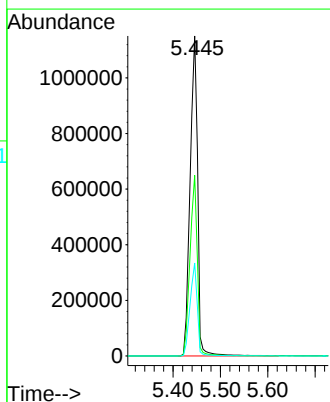
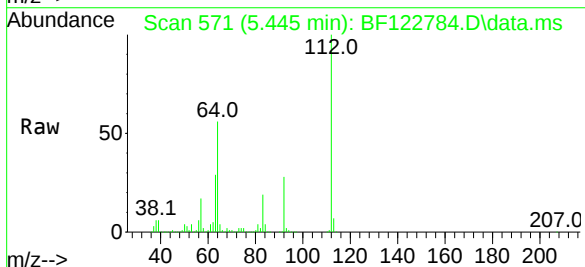
Instrument :
BNA_F
ClientSampleId :
PB133685BL

Tgt Ion:152 Resp: 174467
Ion Ratio Lower Upper
152 100
150 159.5 125.8 188.6
115 62.0 49.3 73.9



#5
2-Fluorophenol
Concen: 115.13 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Tgt Ion:112 Resp: 1268749
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 29.1 24.5 36.7

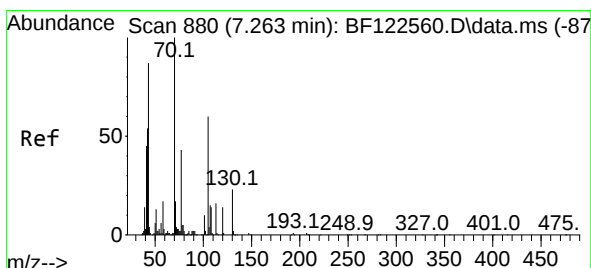
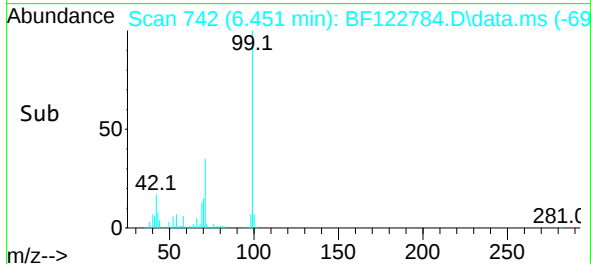
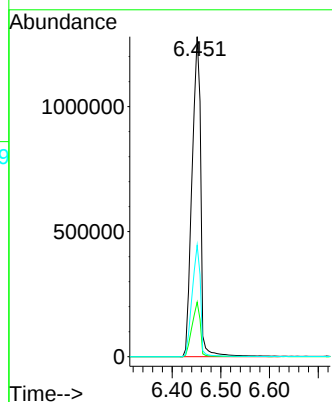
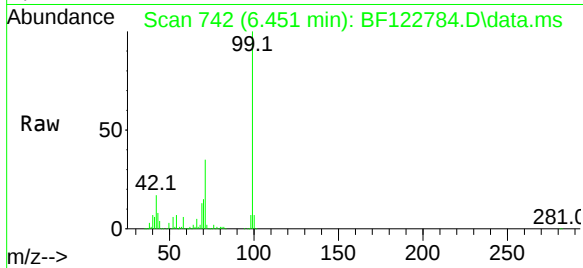




#7
Phenol-d6
Concen: 109.19 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

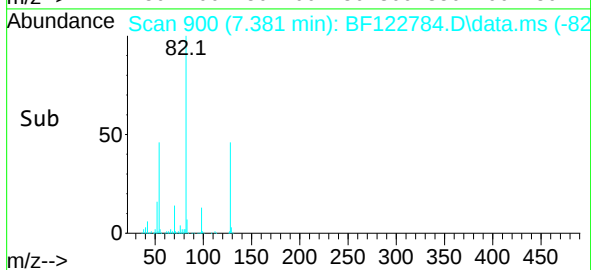
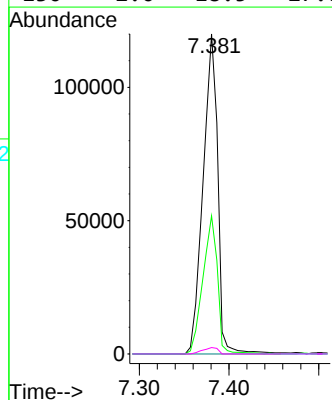
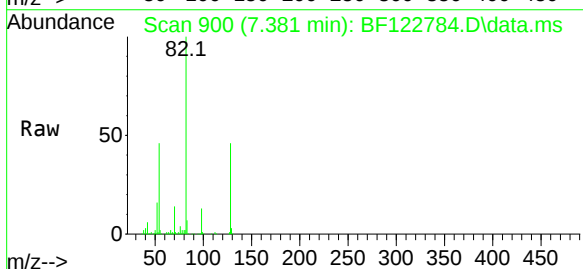
Instrument :
BNA_F
ClientSampleId :
PB133685BL

Tgt Ion: 99 Resp: 1595924
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 34.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.26 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

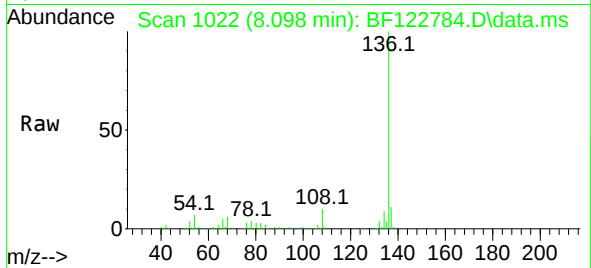
Tgt Ion: 70 Resp: 136138
Ion Ratio Lower Upper
70 100
42 43.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



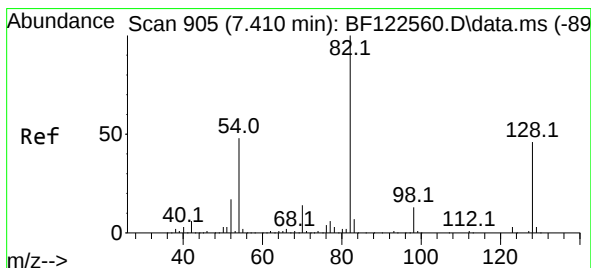
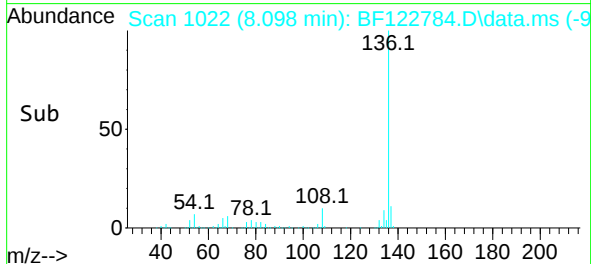
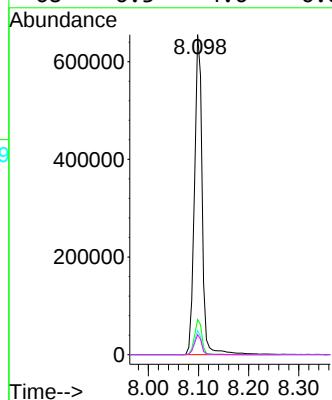


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB133685BL

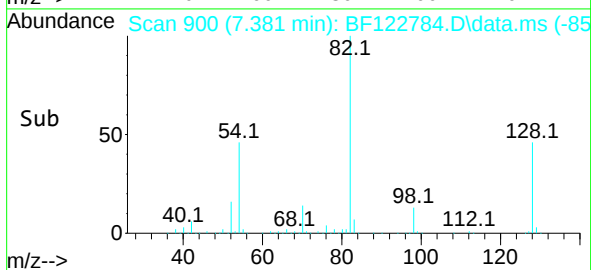
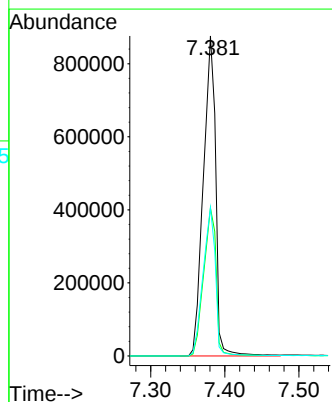
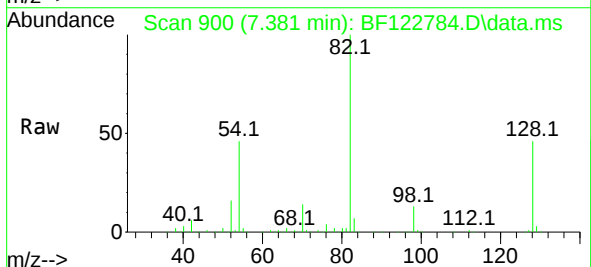


Tgt Ion:136 Resp: 697869
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 5.5 8.3
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 73.06 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

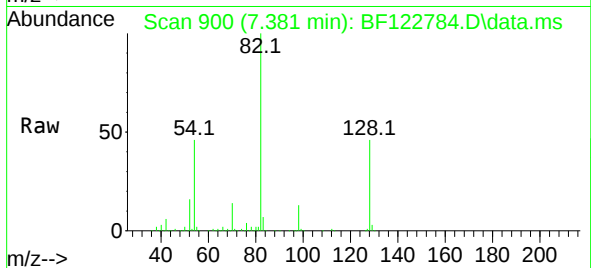
Tgt Ion: 82 Resp: 1017627
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.4
54 46.4 38.4 57.6



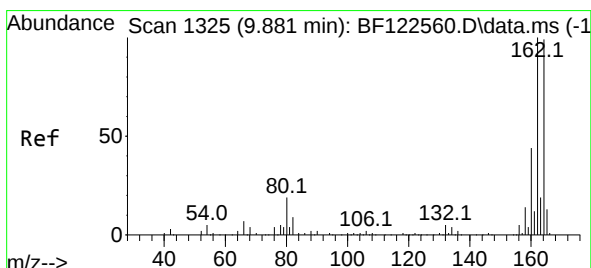
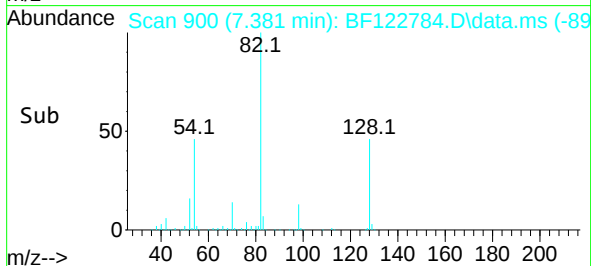
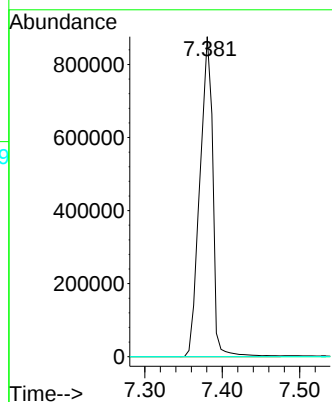


#25
Isophorone
Concen: 42.42 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB133685BL

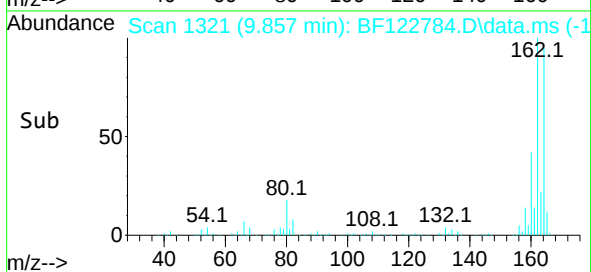
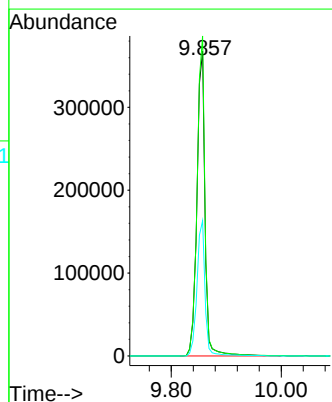
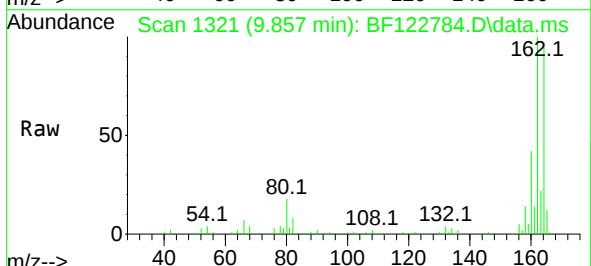


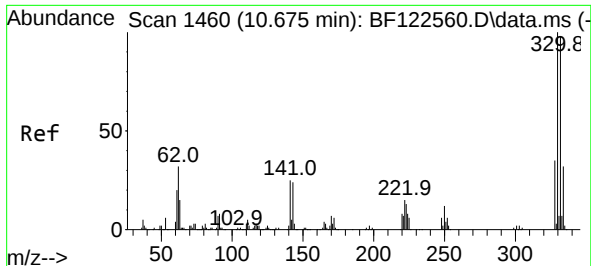
Tgt Ion: 82 Resp: 1017615
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

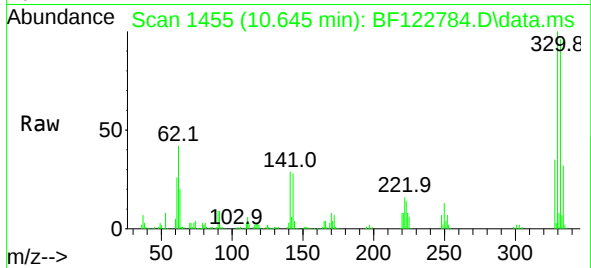
Tgt Ion: 164 Resp: 374335
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 44.4 35.4 53.0



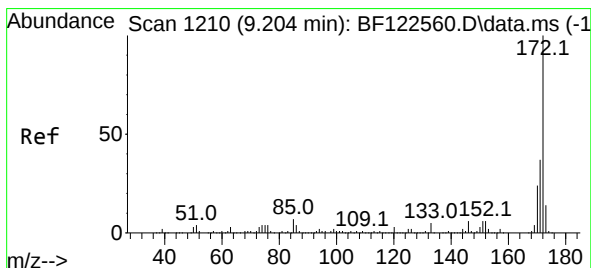
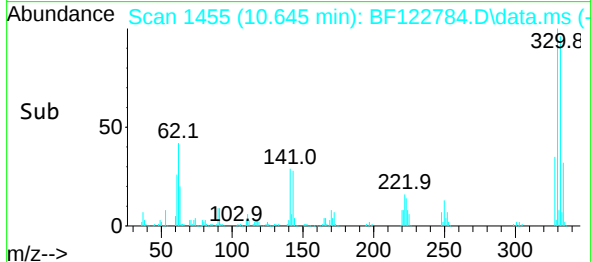
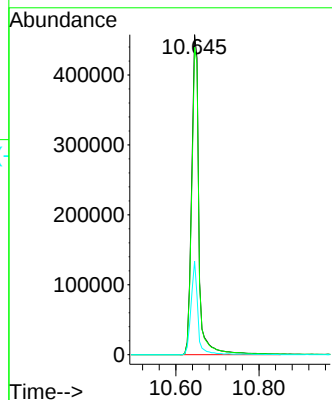


#42
2,4,6-Tribromophenol
Concen: 113.64 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Instrument :
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ClientSampleId :
PB133685BL

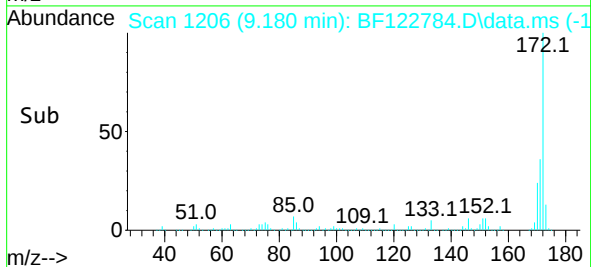
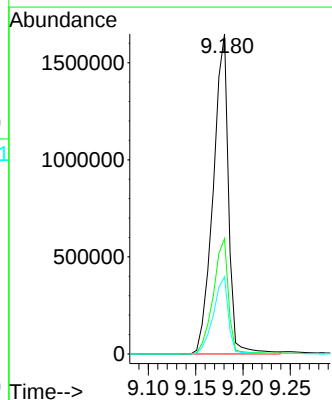
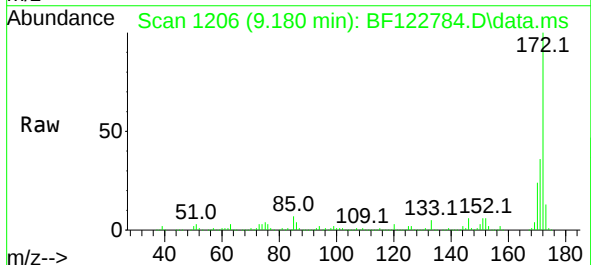


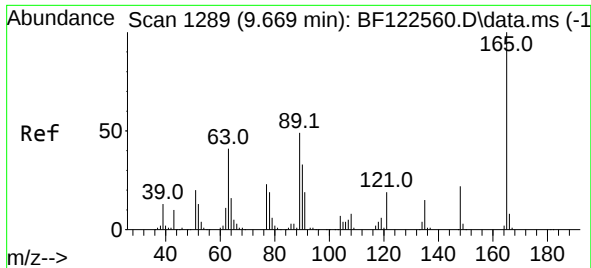
Tgt Ion: 330 Resp: 556837
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 27.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 66.79 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Tgt Ion: 172 Resp: 1848560
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.5 29.3

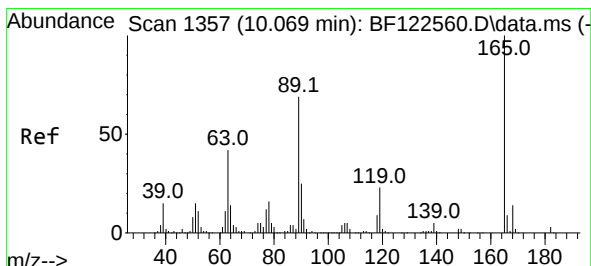
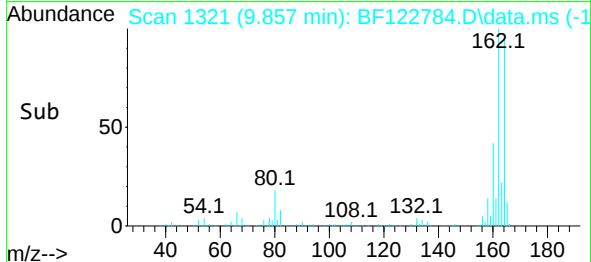
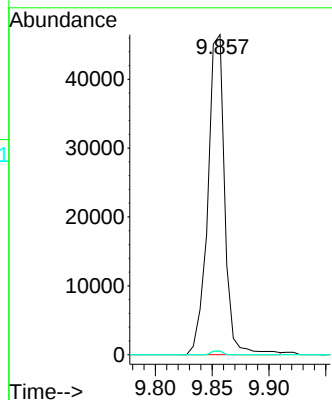
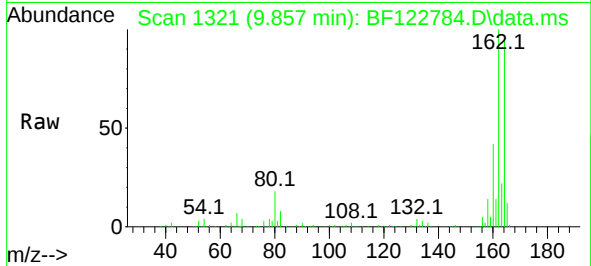




#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

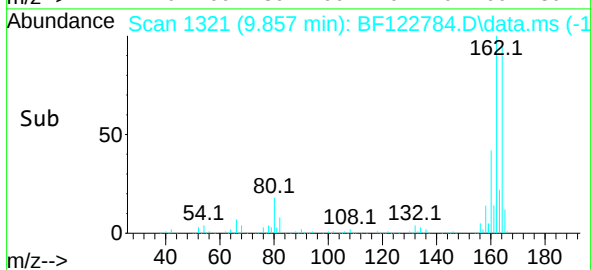
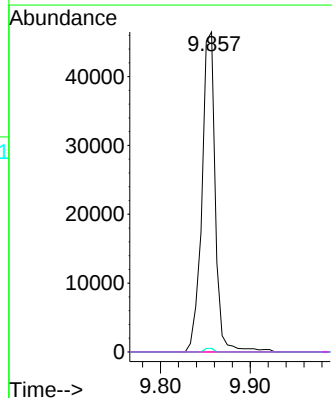
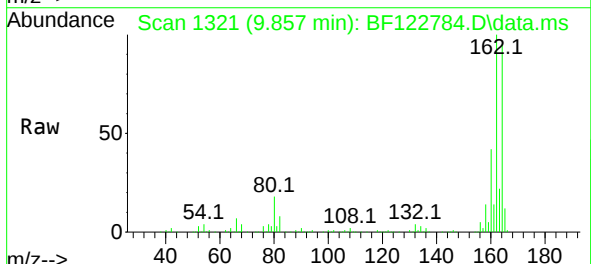
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BNA_F
ClientSampleId :
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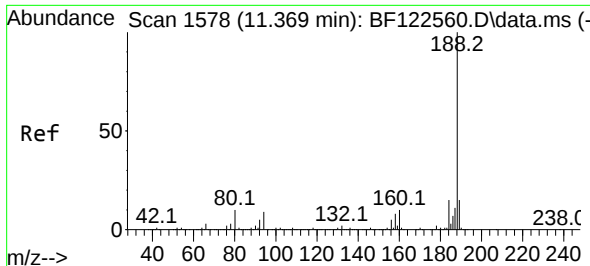
Tgt Ion:165 Resp: 48113
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Tgt Ion:165 Resp: 48363
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

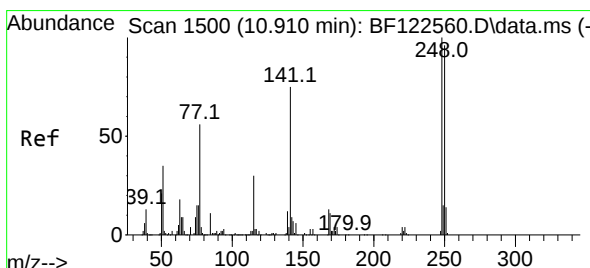
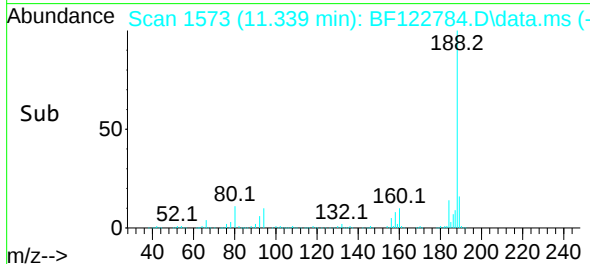
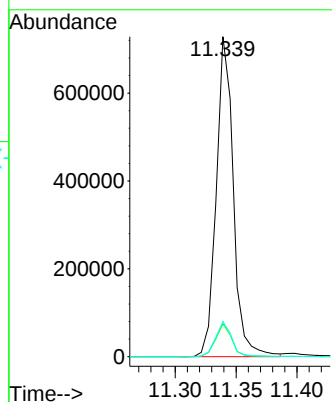
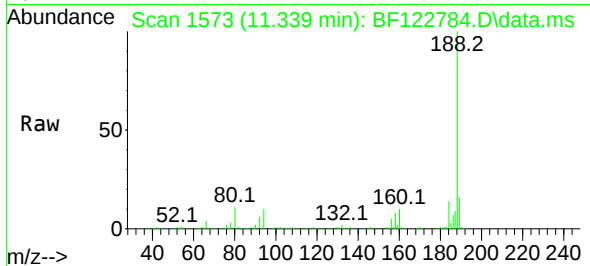




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

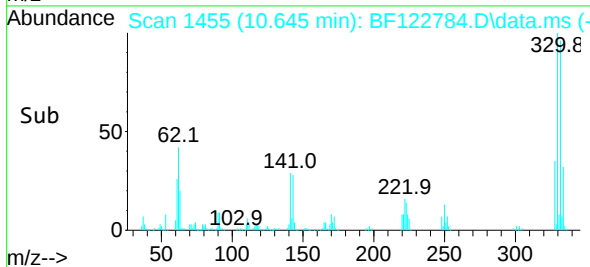
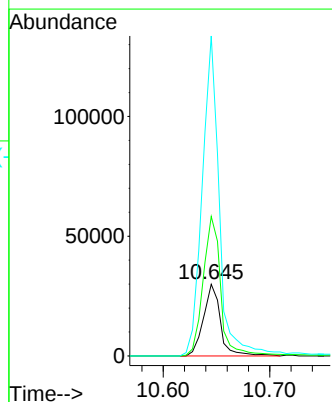
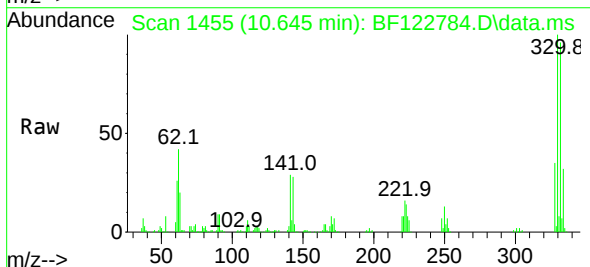
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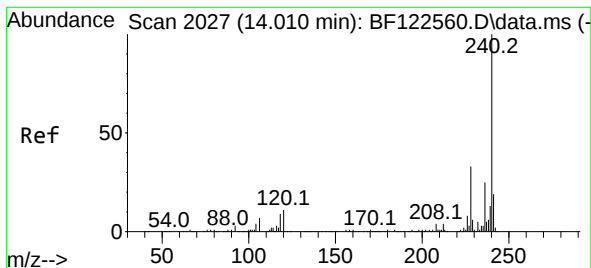
Tgt Ion:188 Resp: 708829
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Tgt Ion:248 Resp: 33439
Ion Ratio Lower Upper
248 100
250 194.7 76.8 115.2#
141 446.5 59.8 89.8#

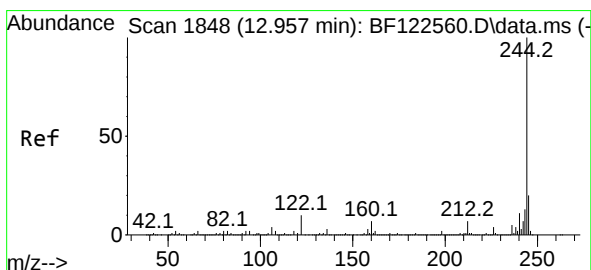
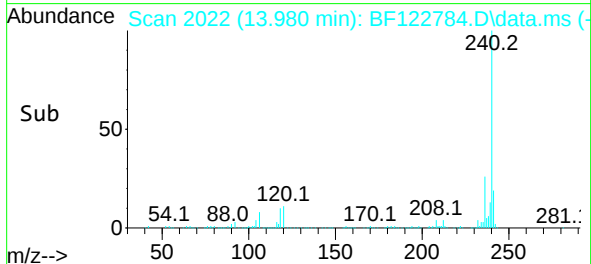
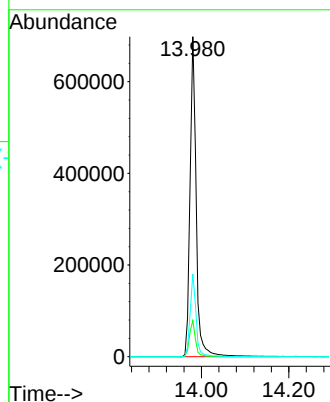
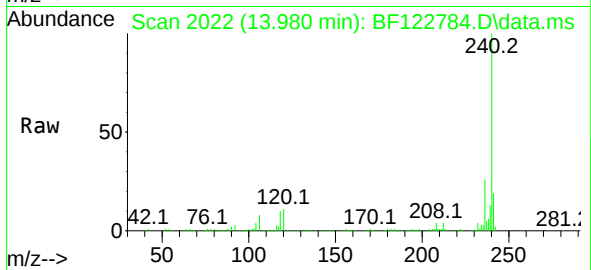




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

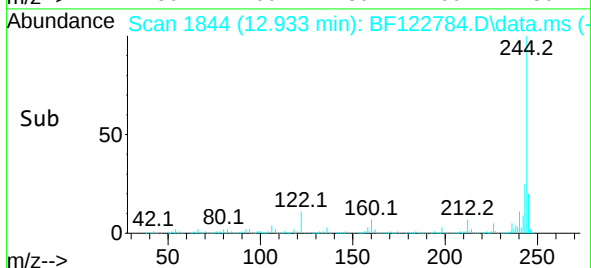
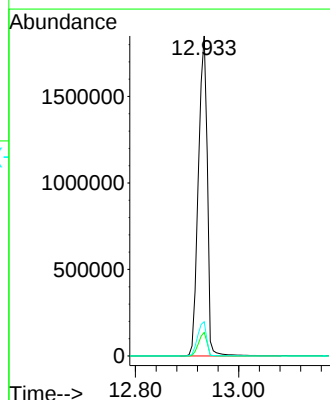
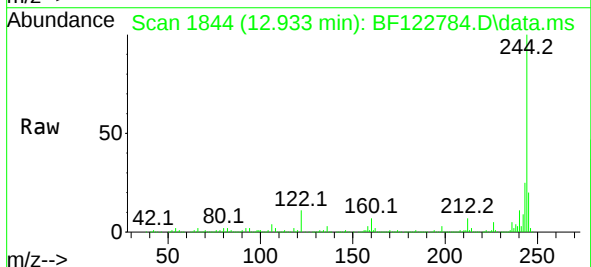
Instrument :
BNA_F
ClientSampleId :
PB133685BL

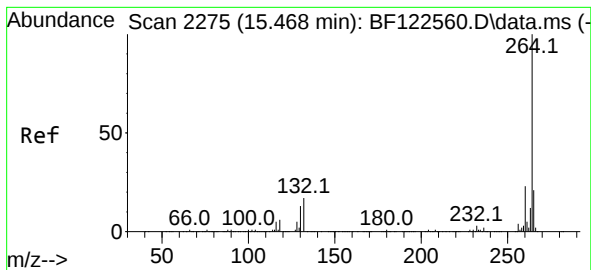
Tgt Ion:240 Resp: 680596
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 56.92 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122784.D
Acq: 18 Dec 2020 14:08

Tgt Ion:244 Resp: 2213213
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.7 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: BF122784.D
 Acq: 18 Dec 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB133685BL

Tgt Ion:264 Resp: 654008

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.1	17.0	25.6

