

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122766.D
 Acq On : 17 Dec 2020 16:03
 Operator : JU/CG
 Sample : PB133586TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133586TB

Quant Time: Dec 17 16:57:46 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)

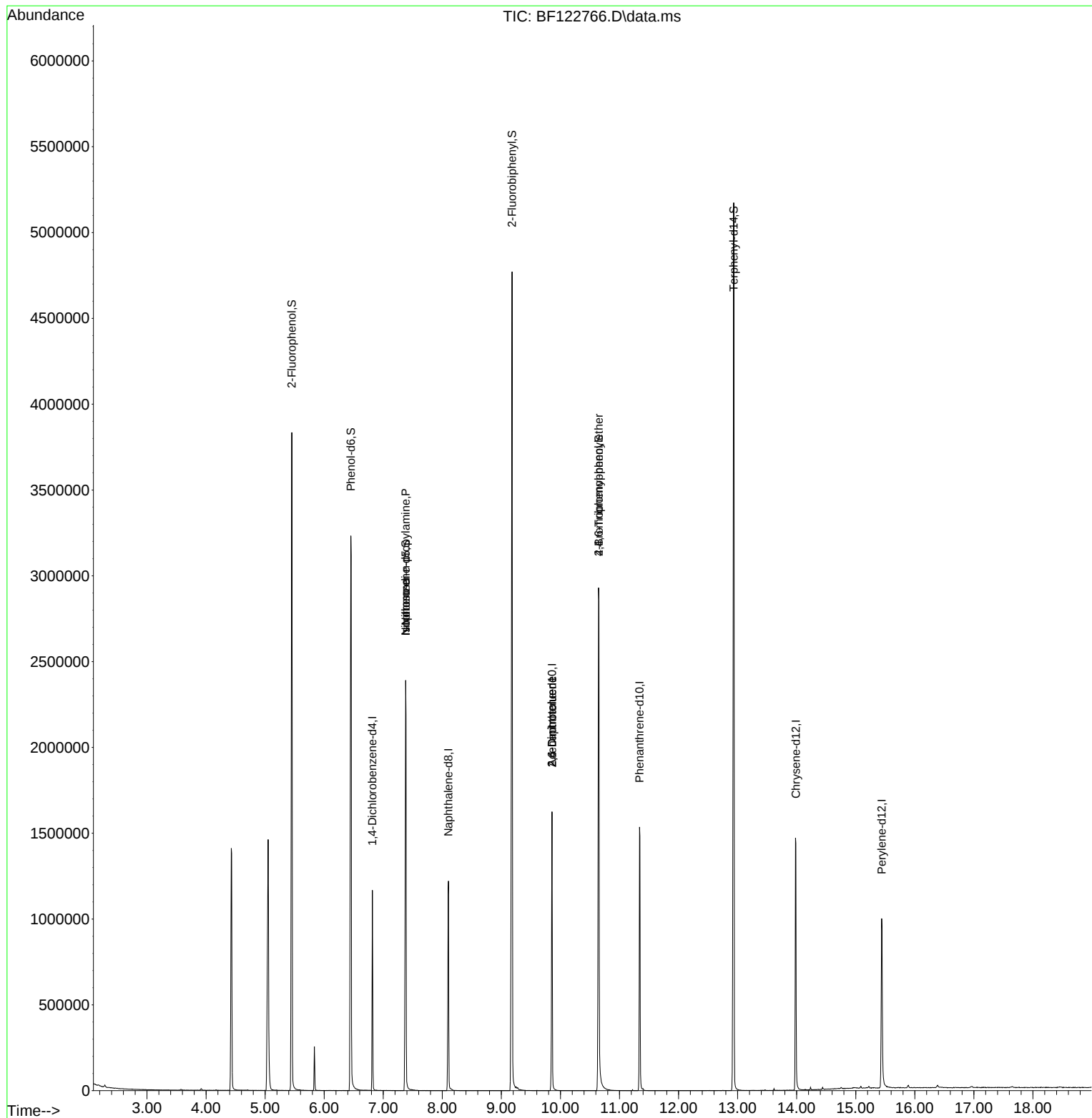
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	166560	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	654122	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	348161	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	647926	20.00	ng	0.00
76) Chrysene-d12	13.986	240	593256	20.00	ng	0.00
86) Perylene-d12	15.439	264	544387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1231946	117.10	ng	0.02
7) Phenol-d6	6.451	99	1536067	110.09	ng	0.00
23) Nitrobenzene-d5	7.381	82	987653	75.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	513979	112.78	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1794227	69.70	ng	0.00
79) Terphenyl-d14	12.933	244	2017202	59.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	129387	16.19	ng	Qvalue # 76
25) Isophorone	7.381	82	983282	43.73	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	44308	7.54	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	44308	5.66	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	31504	3.59	ng	# 1

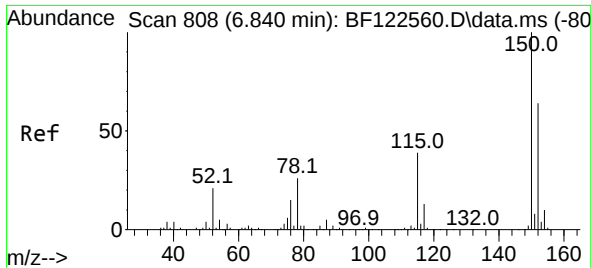
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

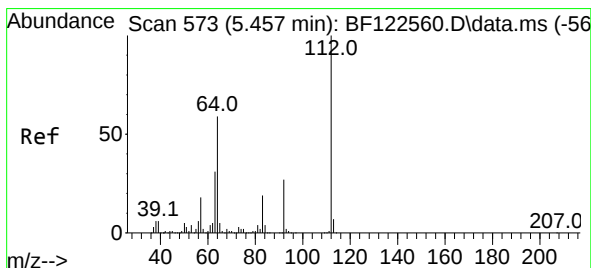
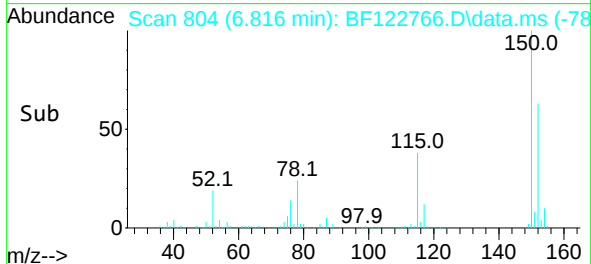
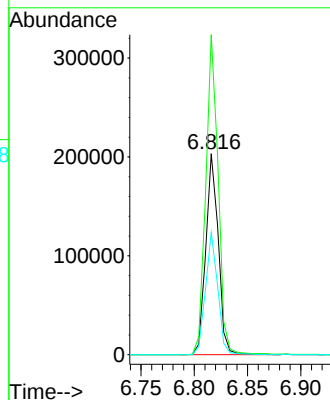
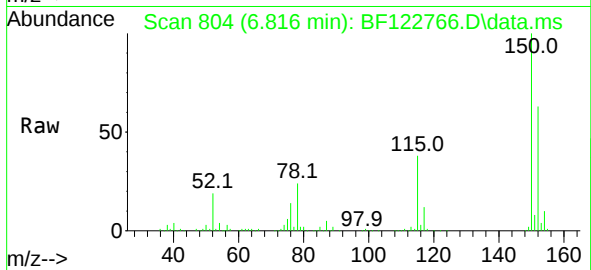




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

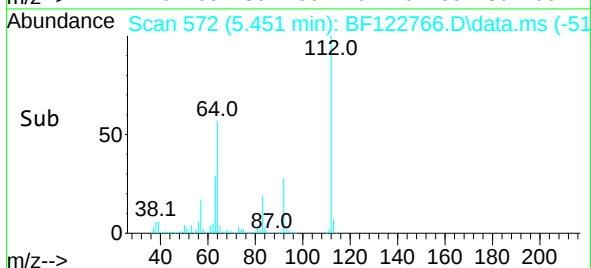
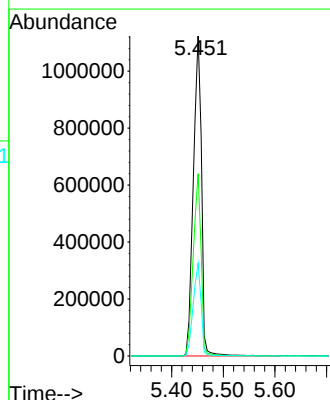
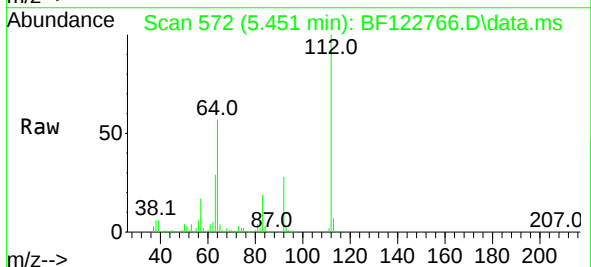
Instrument :
BNA_F
ClientSampleId :
PB133586TB

Tgt Ion:152 Resp: 166560
Ion Ratio Lower Upper
152 100
150 159.2 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 117.10 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

Tgt Ion:112 Resp: 1231946
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 29.0 24.5 36.7

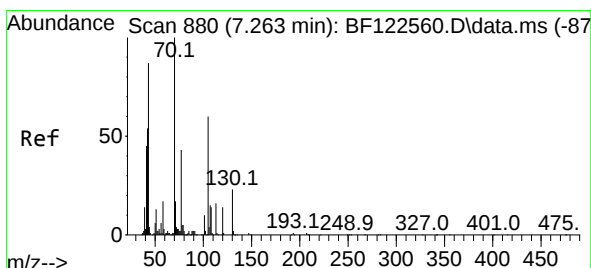
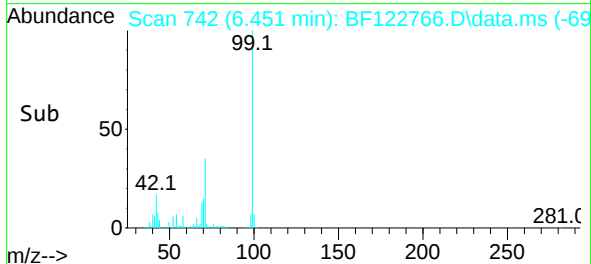
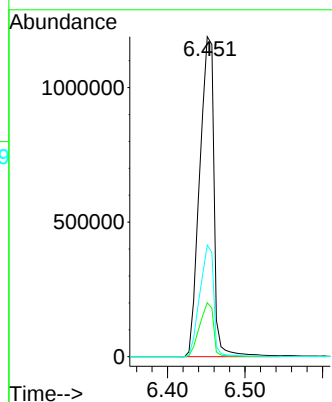
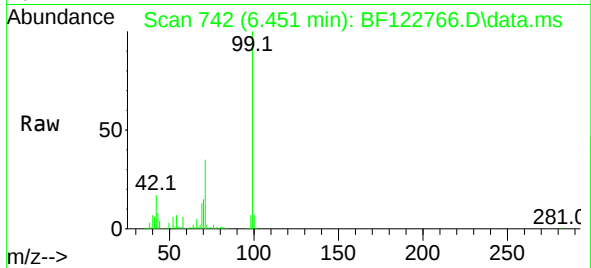




#7
Phenol-d6
Concen: 110.09 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

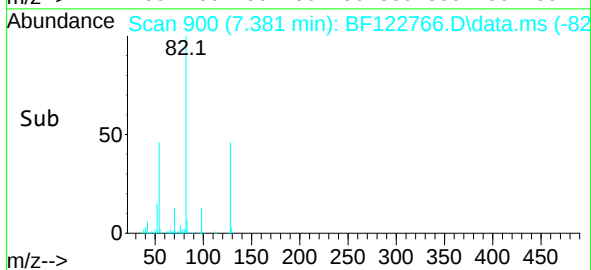
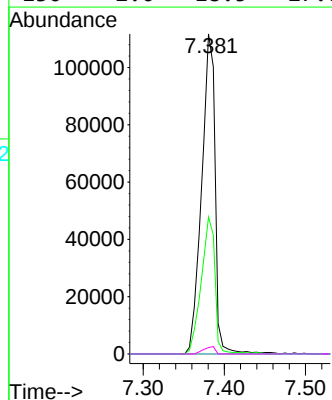
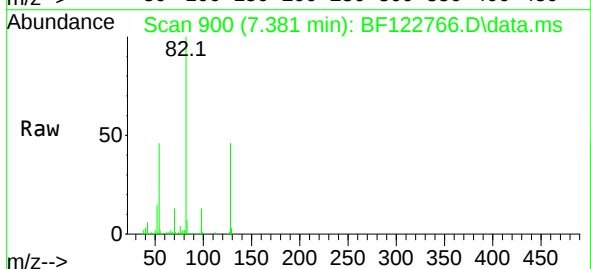
Instrument :
BNA_F
ClientSampleId :
PB133586TB

Tgt Ion: 99 Resp: 1536067
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 34.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.19 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

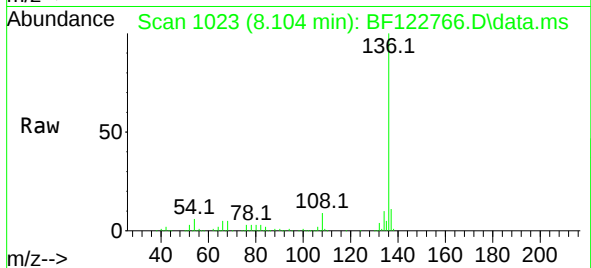
Tgt Ion: 70 Resp: 129387
Ion Ratio Lower Upper
70 100
42 42.8 43.0 64.4#
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



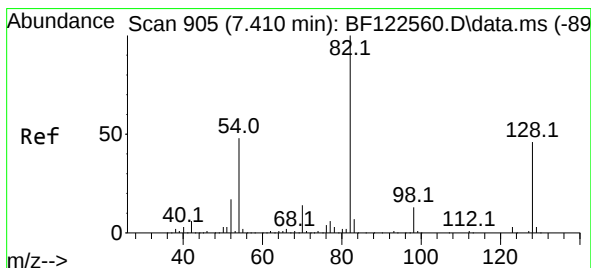
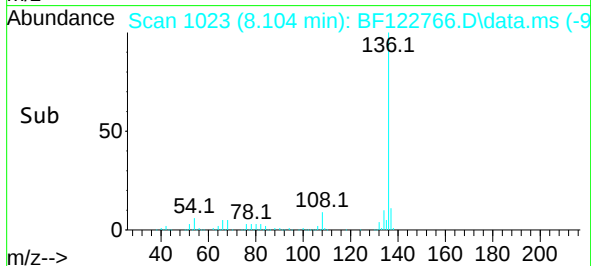
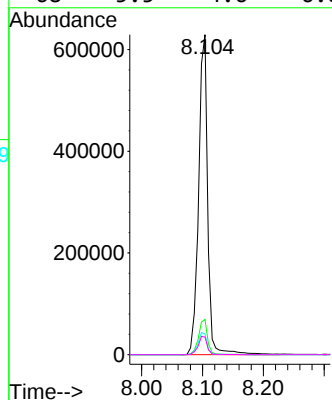


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB133586TB

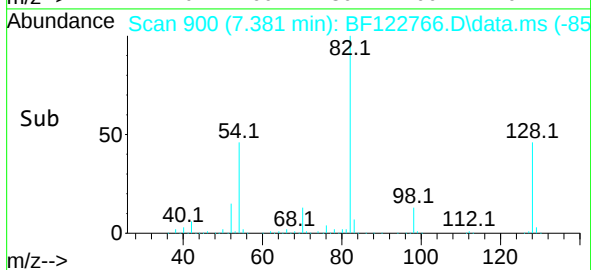
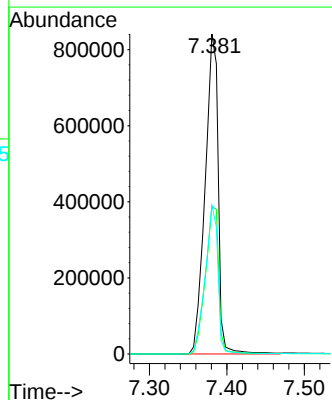
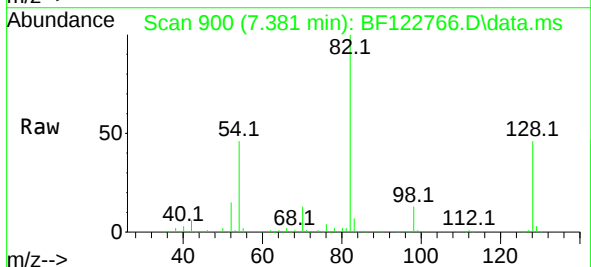


Tgt	Ion:136	Resp:	654122
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.5	8.3
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 75.65 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

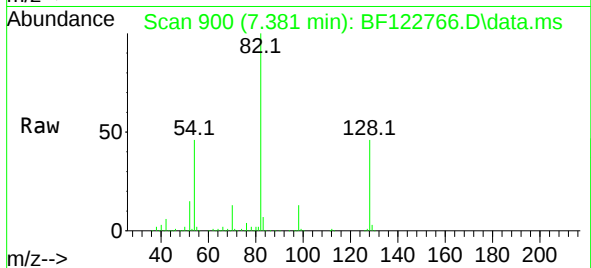
Tgt Ion: 82	Resp: 987653
Ion Ratio	Lower Upper
82 100	
128 46.1	37.0 55.4
54 46.5	38.4 57.6



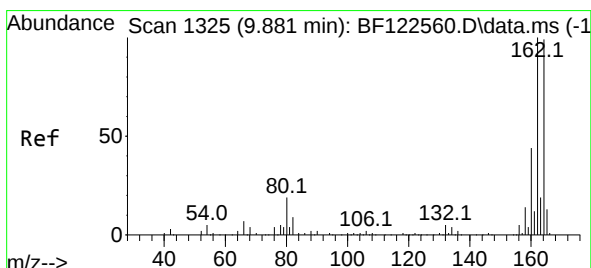
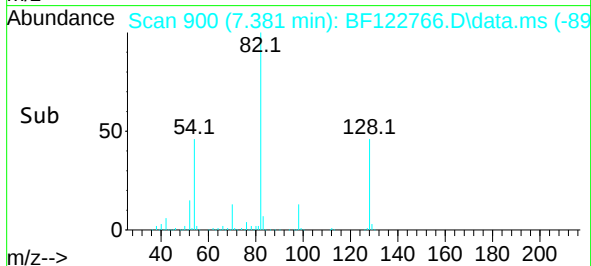
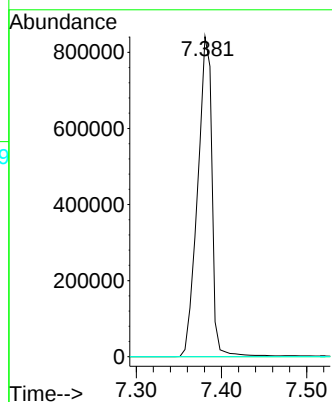


#25
Isophorone
Concen: 43.73 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB133586TB

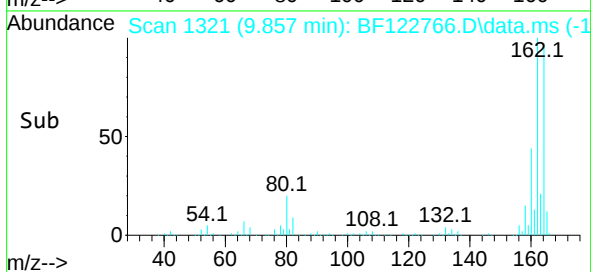
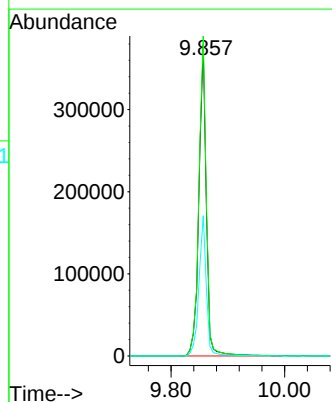
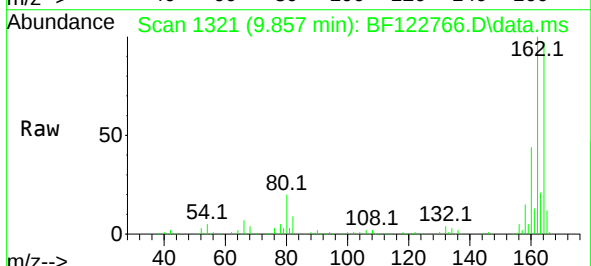


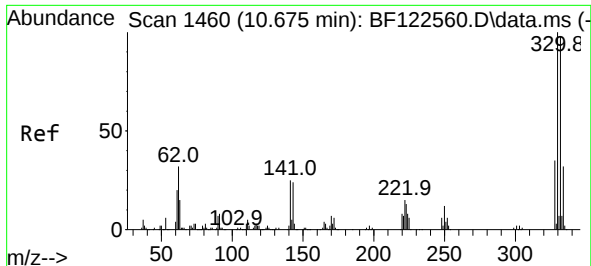
Tgt Ion: 82 Resp: 983282
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

Tgt Ion: 164 Resp: 348161
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 45.1 35.4 53.0

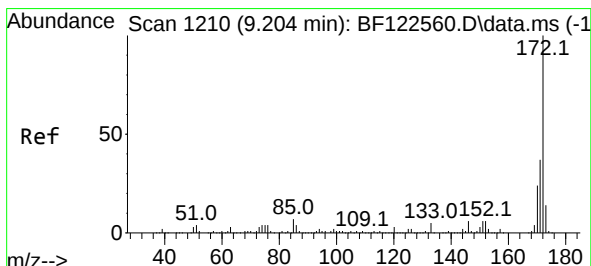
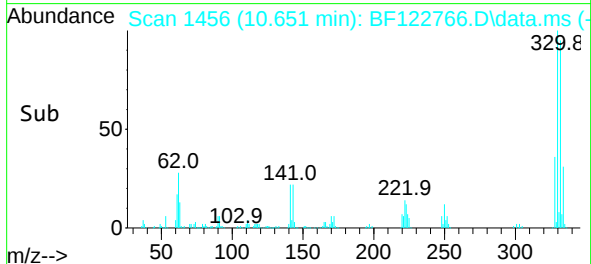
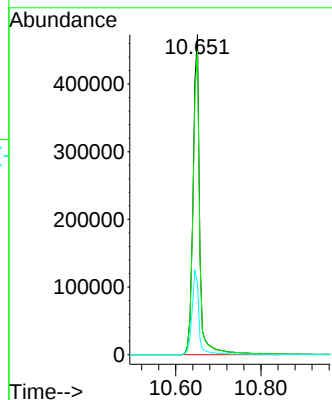
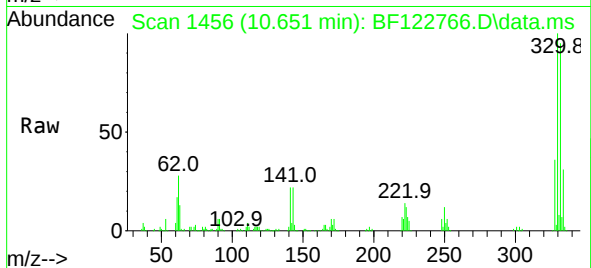




#42
2,4,6-Tribromophenol
Concen: 112.78 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

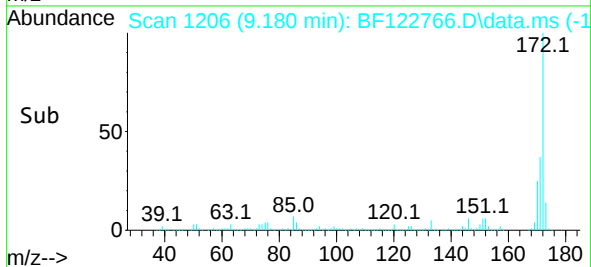
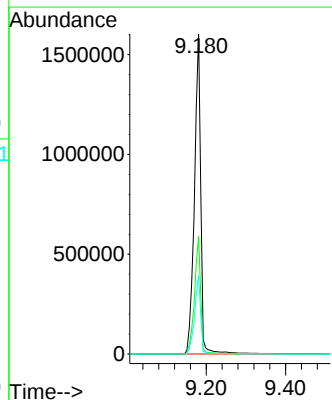
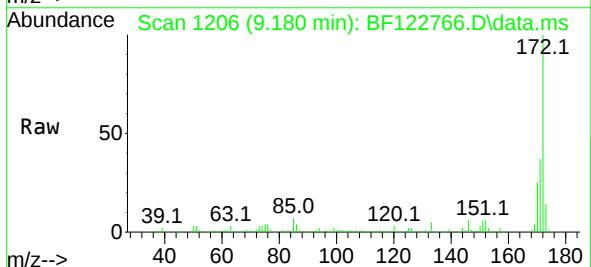
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ClientSampleId :
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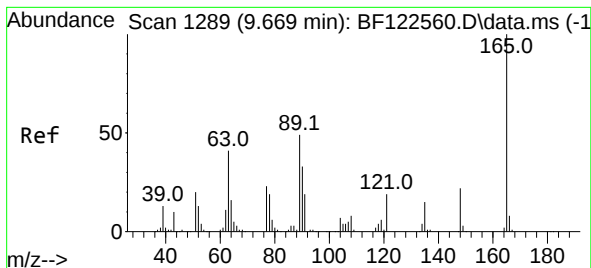
Tgt Ion: 330 Resp: 513979
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 27.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 69.70 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

Tgt Ion: 172 Resp: 1794227
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.6 19.5 29.3

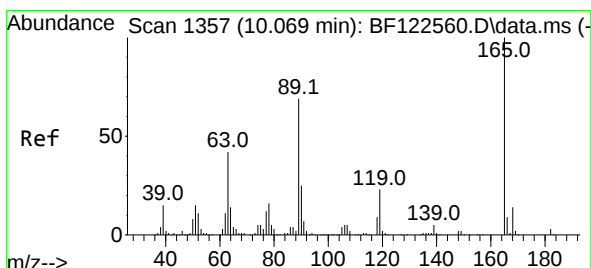
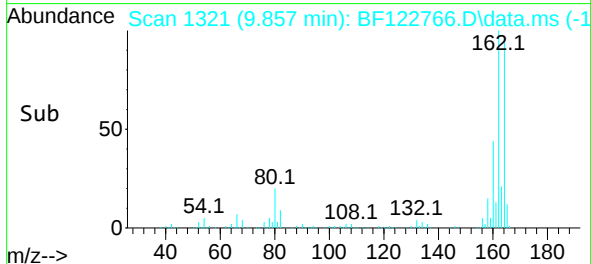
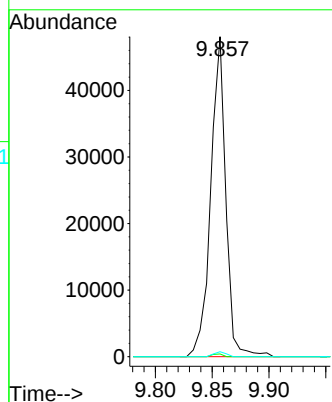
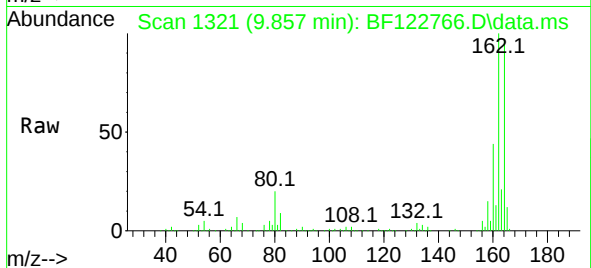




#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

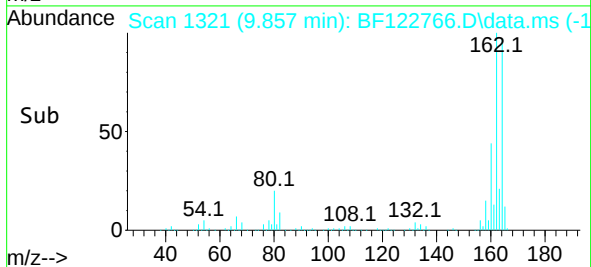
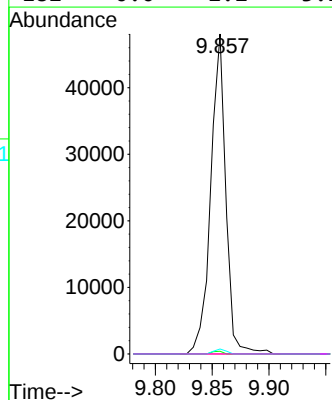
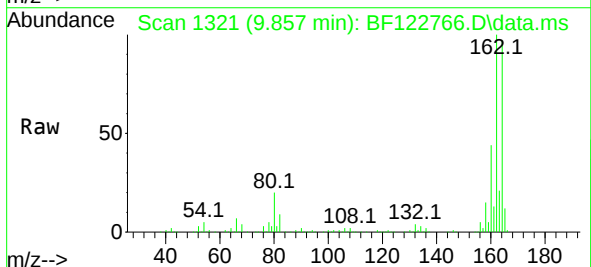
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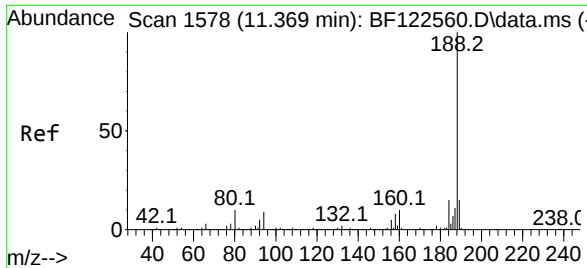
Tgt Ion:165 Resp: 44308
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

Tgt Ion:165 Resp: 44308
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

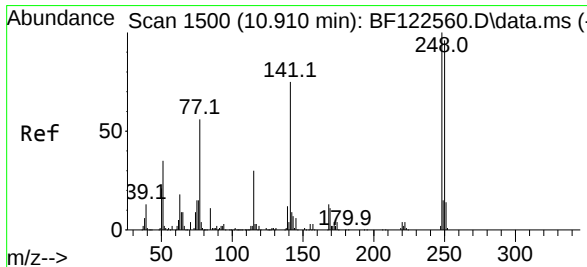
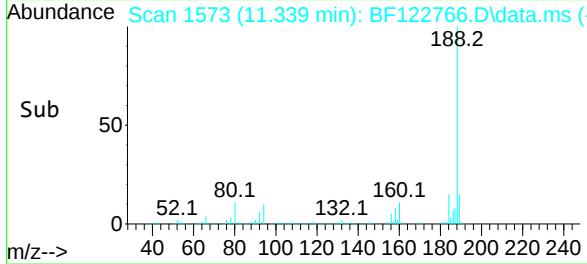
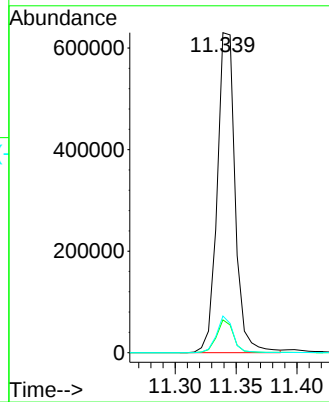
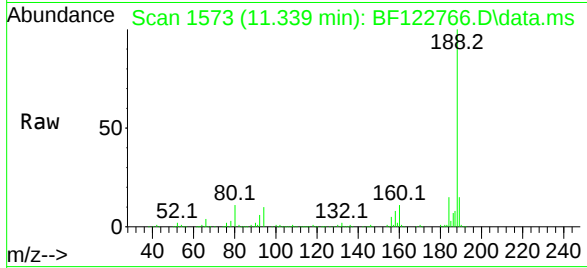




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

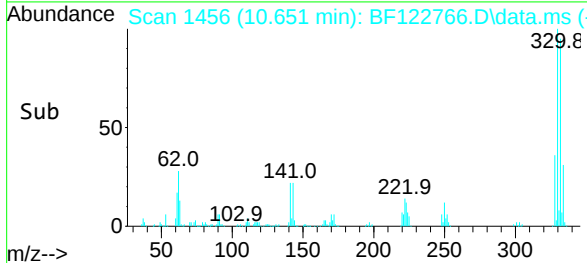
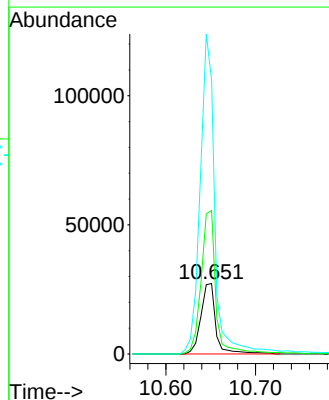
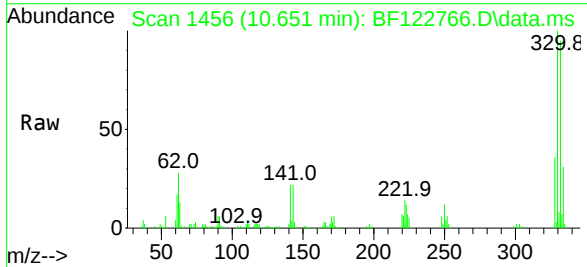
Instrument :
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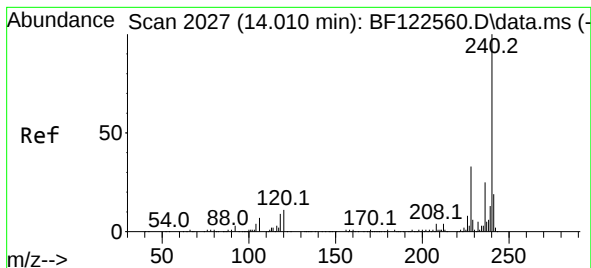
Tgt Ion:188 Resp: 647926
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122766.D
Acq: 17 Dec 2020 16:03

Tgt Ion:248 Resp: 31504
Ion Ratio Lower Upper
248 100
250 204.0 76.8 115.2#
141 389.1 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122766.D

Acq: 17 Dec 2020 16:03

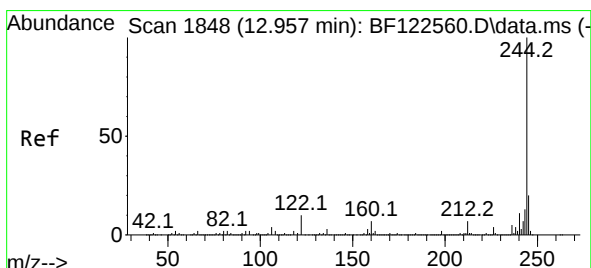
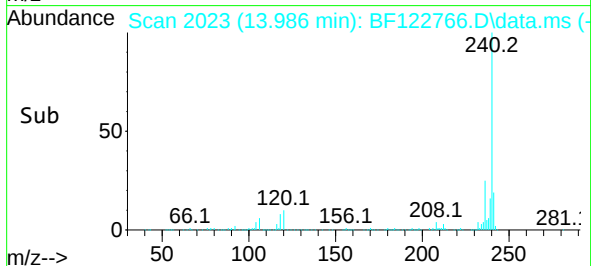
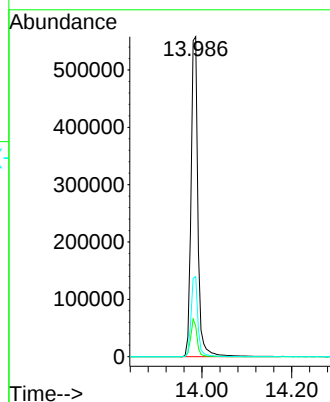
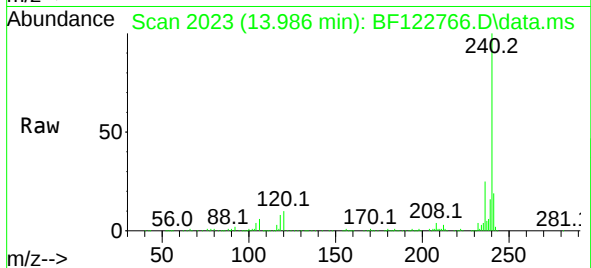
Tgt Ion:240 Resp: 593256

Ion Ratio Lower Upper

240 100

120 9.6 8.6 12.8

236 25.0 20.3 30.5



#79

Terphenyl-d14

Concen: 59.52 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF122766.D

Acq: 17 Dec 2020 16:03

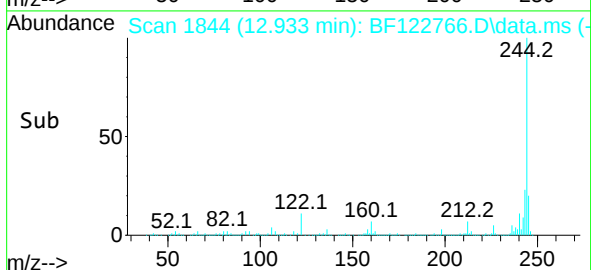
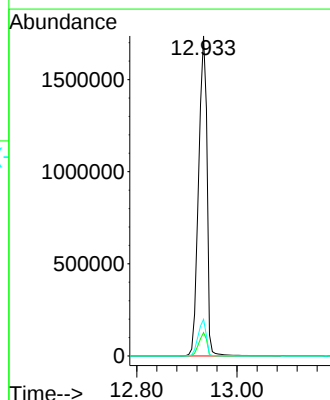
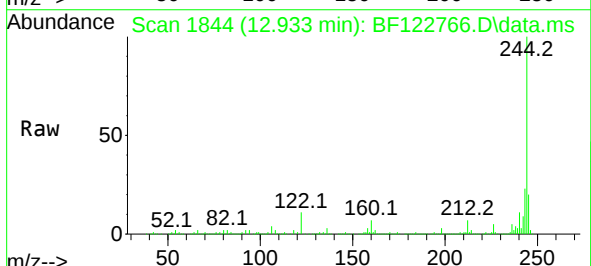
Tgt Ion:244 Resp: 2017202

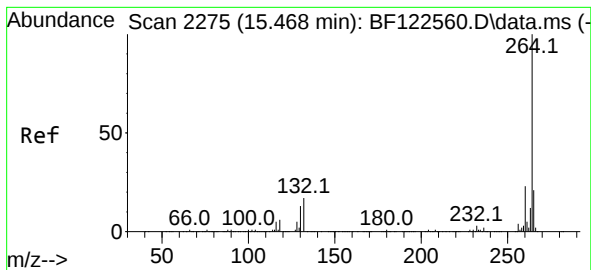
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.4 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: BF122766.D
Acq: 17 Dec 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB133586TB

Tgt Ion:264 Resp: 544387

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.6	17.0	25.6

