

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122665.D
 Acq On : 11 Dec 2020 16:09
 Operator : JU/CG
 Sample : L5014-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 351

Quant Time: Dec 11 16:48:46 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)

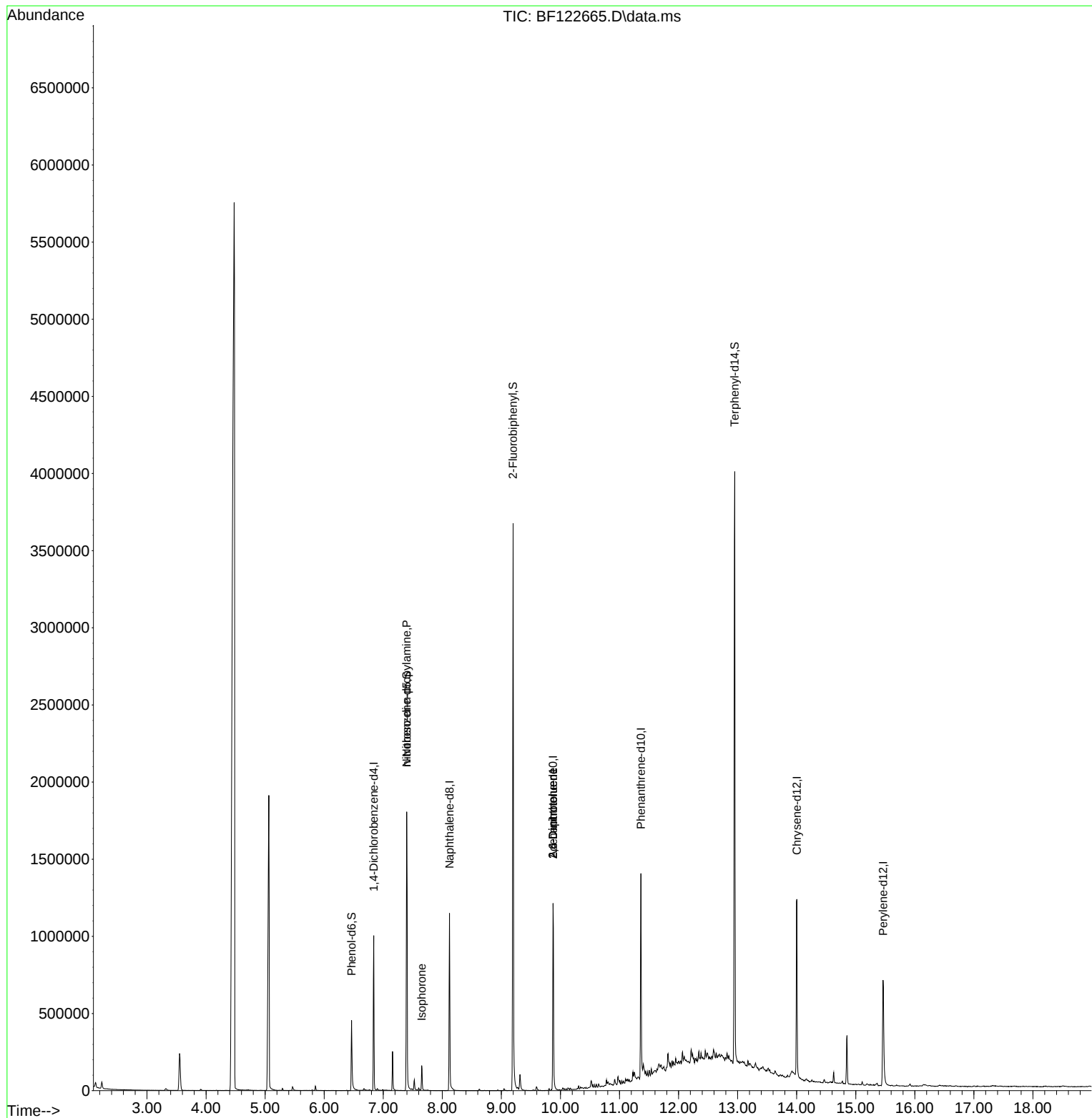
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	141834	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	550877	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	285586	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	532371	20.00	ng	0.00
76) Chrysene-d12	14.004	240	457655	20.00	ng	0.00
86) Perylene-d12	15.462	264	403571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	12013	1.34	ng	0.00
7) Phenol-d6	6.463	99	186535	15.70	ng	-0.02
23) Nitrobenzene-d5	7.398	82	611254	55.59	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.198	172	1211205	57.36	ng	0.00
79) Terphenyl-d14	12.951	244	1310898	50.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	81058	11.91	ng	Qvalue # 77
25) Isophorone	7.651	82	69944	3.69	ng	99
51) 2,6-Dinitrotoluene	9.874	165	36434	7.56	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	36434	5.68	ng	# 25

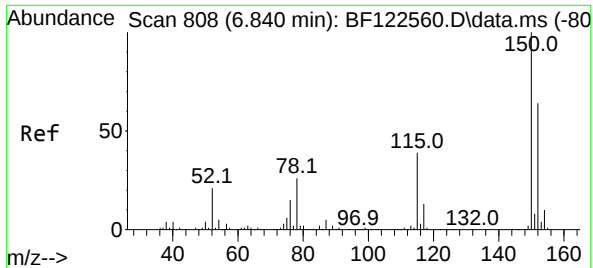
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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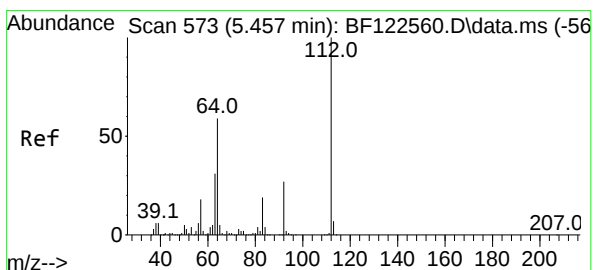
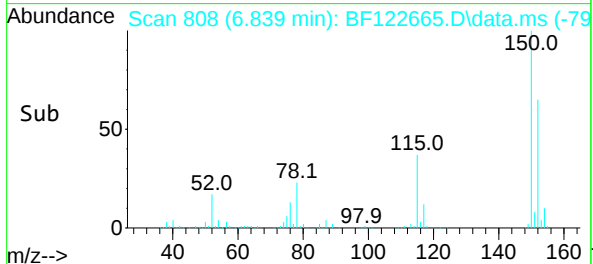
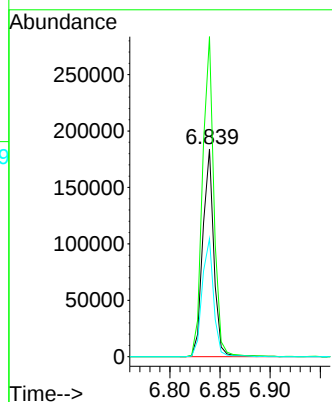
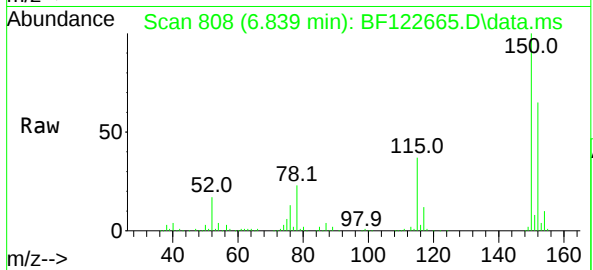




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

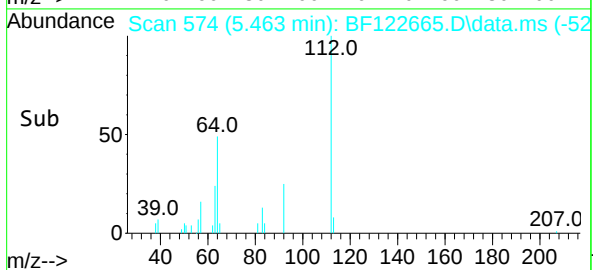
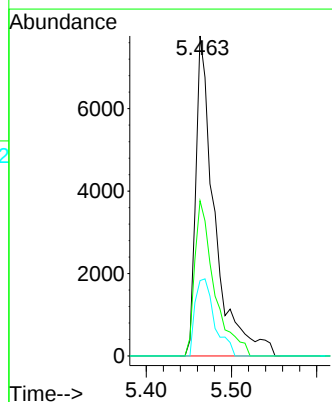
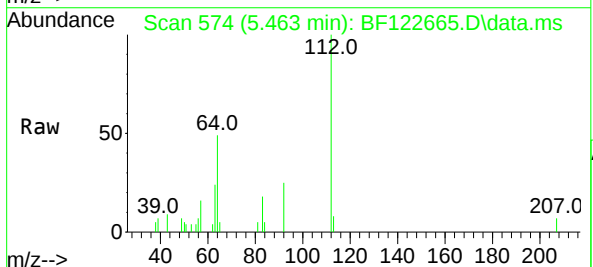
Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:152 Resp: 141834
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 56.8 49.3 73.9



#5
2-Fluorophenol
Concen: 1.34 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

Tgt Ion:112 Resp: 12013
Ion Ratio Lower Upper
112 100
64 48.5 46.9 70.3
63 23.5 24.5 36.7#

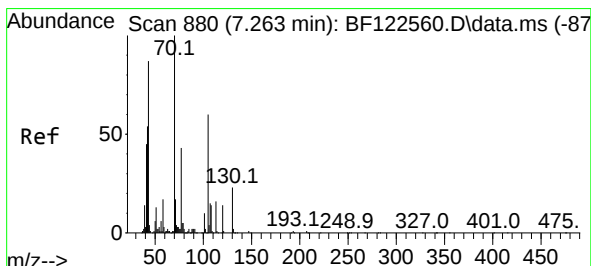
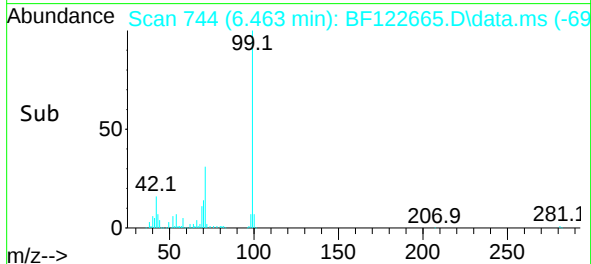
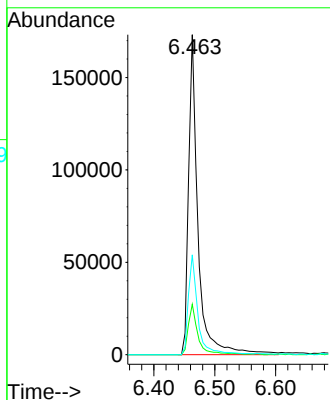
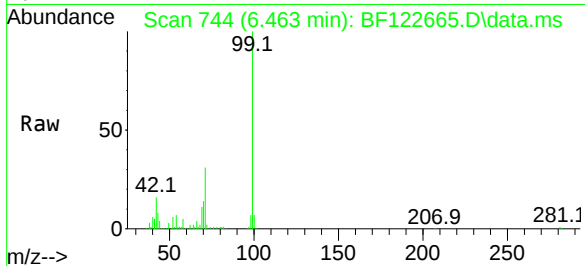




#7
Phenol-d6
Concen: 15.70 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

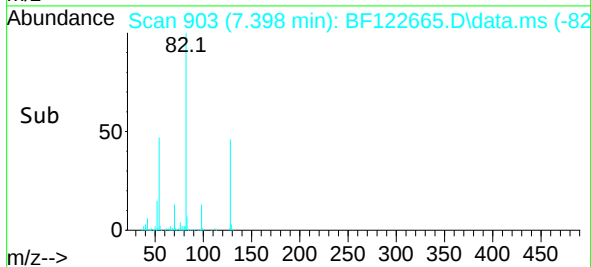
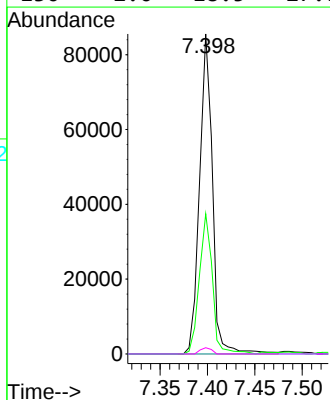
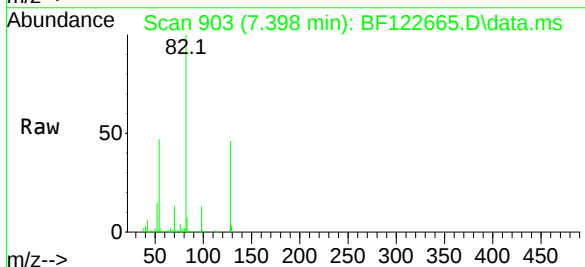
Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion: 99 Resp: 186535
Ion Ratio Lower Upper
99 100
42 15.8 13.8 20.6
71 31.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.91 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

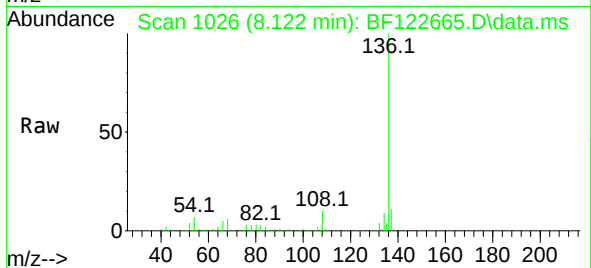
Tgt Ion: 70 Resp: 81058
Ion Ratio Lower Upper
70 100
42 43.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



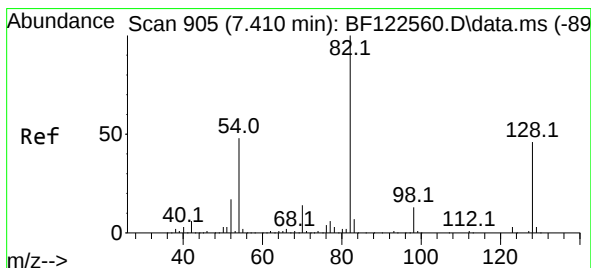
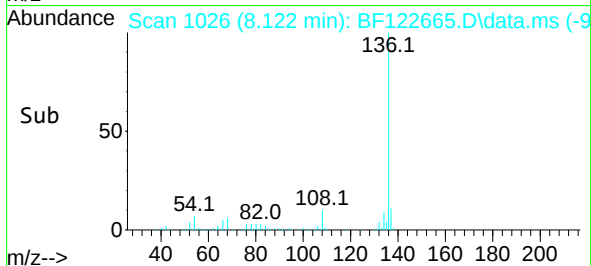
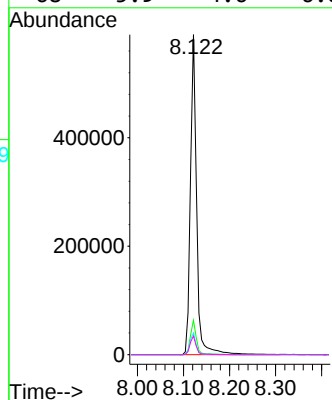


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

Instrument :
BNA_F
ClientSampleId :
351

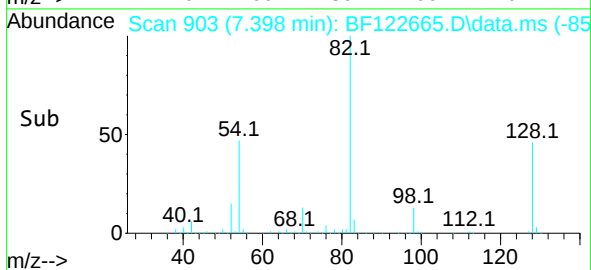
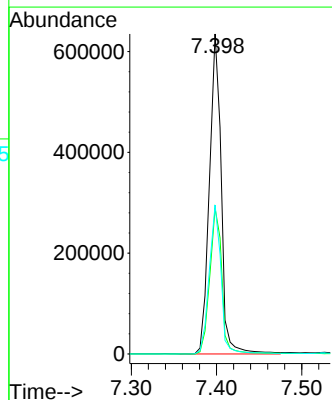
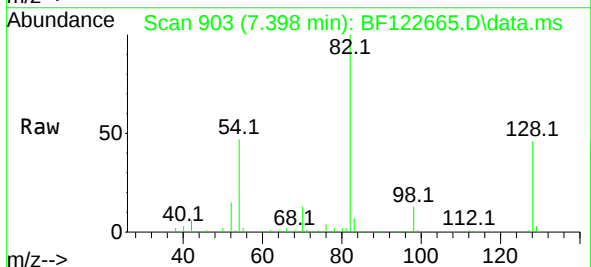


Tgt Ion:	136	Resp:	550877
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.8	5.5	8.3
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 55.59 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

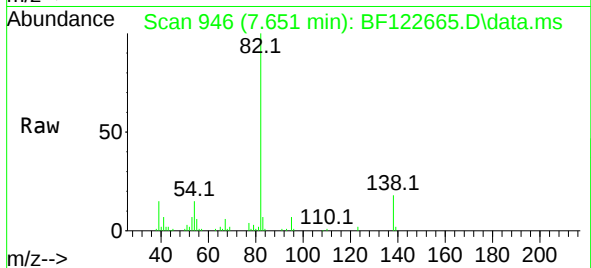
Tgt Ion:	82	Resp:	611254
Ion Ratio	Lower	Upper	
82	100		
128	45.6	37.0	55.4
54	46.5	38.4	57.6



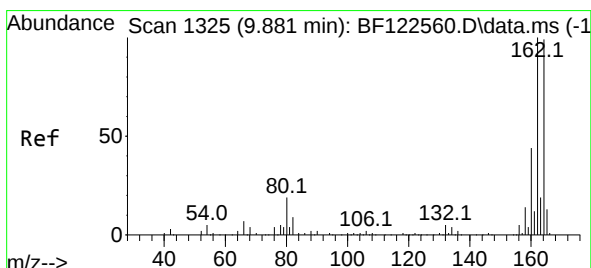
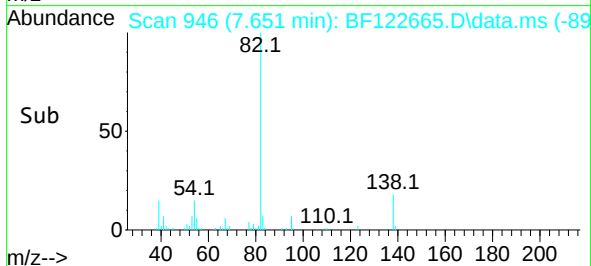
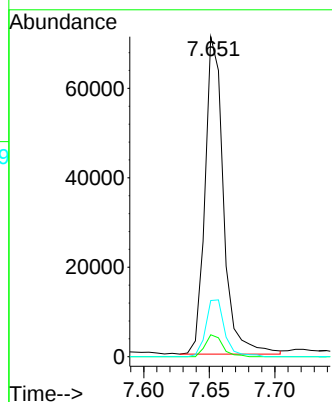


#25
Isophorone
Concen: 3.69 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.018 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

Instrument :
BNA_F
ClientSampleId :
351

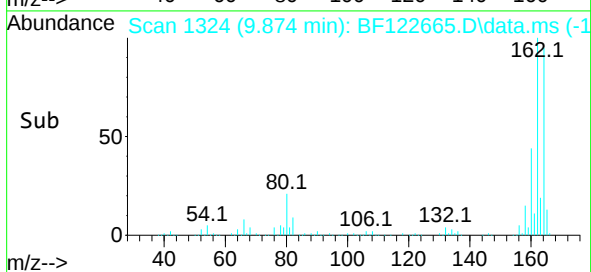
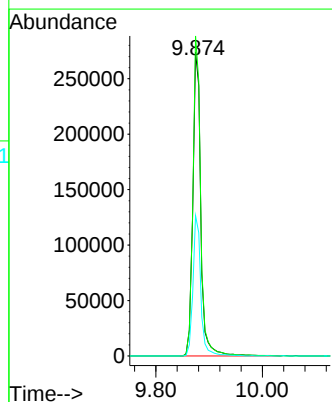
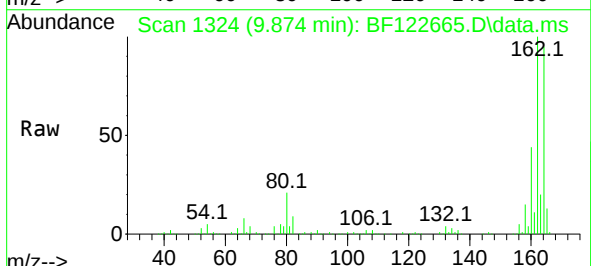


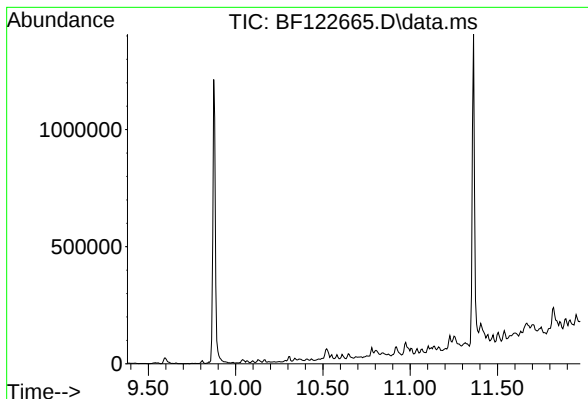
Tgt Ion: 82 Resp: 69944
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 17.5 14.6 21.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

Tgt Ion: 164 Resp: 285586
Ion Ratio Lower Upper
164 100
162 105.3 80.8 121.2
160 46.2 35.4 53.0

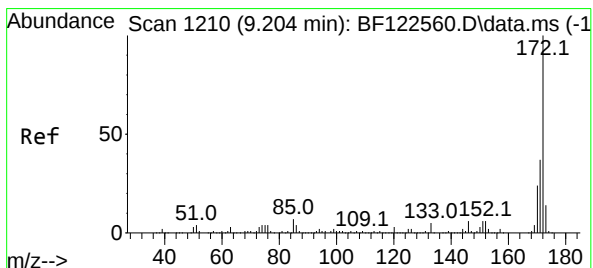
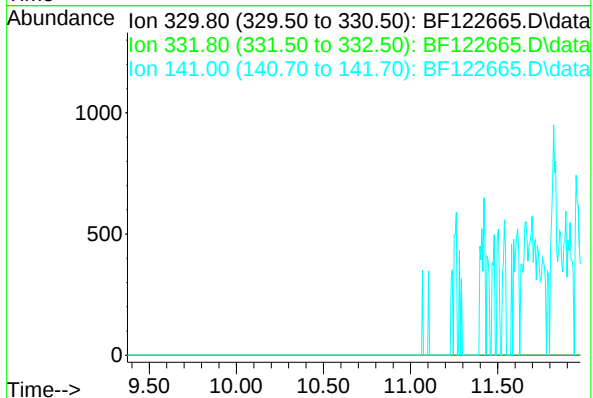




#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.67 min
 Lab File: BF122665.D
 Acq: 11 Dec 2020 16:09

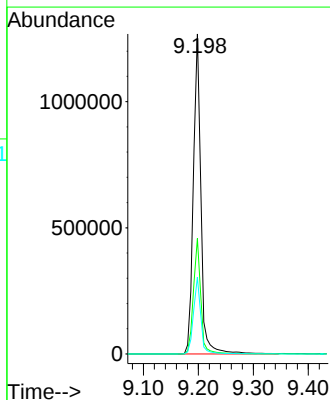
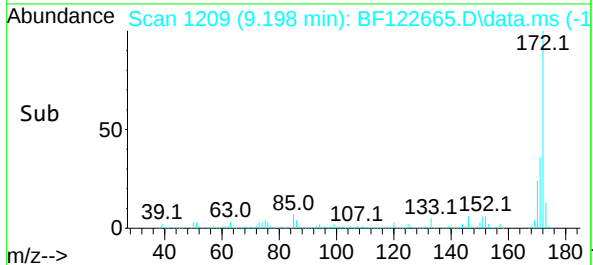
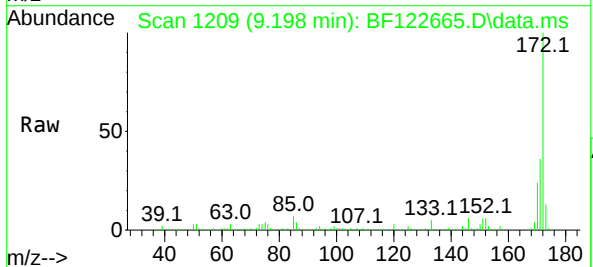
Instrument :
 BNA_F
 ClientSampleId :
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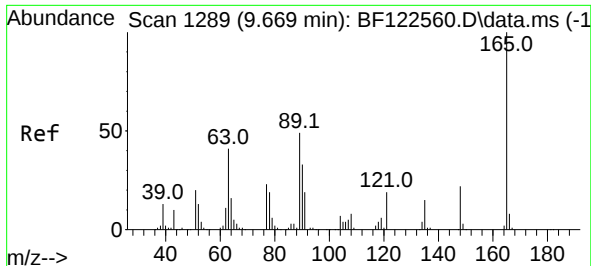
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.9
 141 29.8



#45
 2-Fluorobiphenyl
 Concen: 57.36 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF122665.D
 Acq: 11 Dec 2020 16:09

Tgt Ion: 172 Resp: 1211205
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.5 29.3

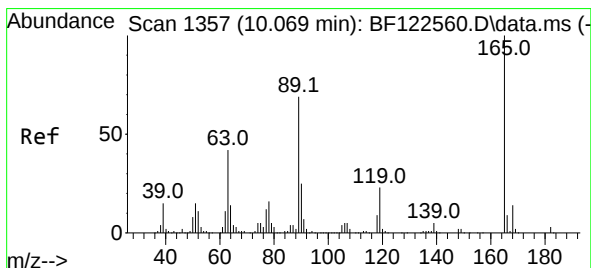
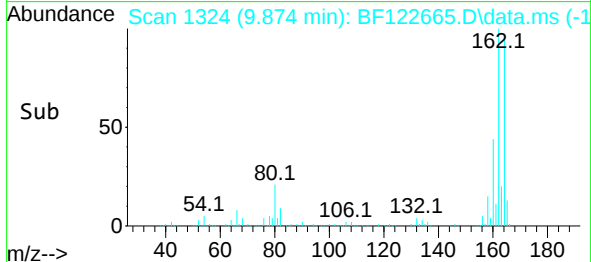
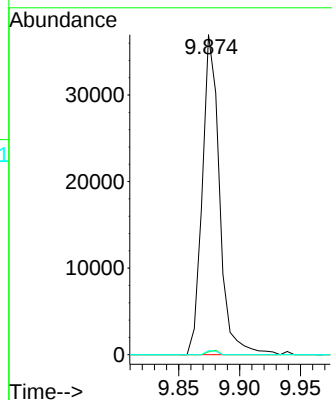
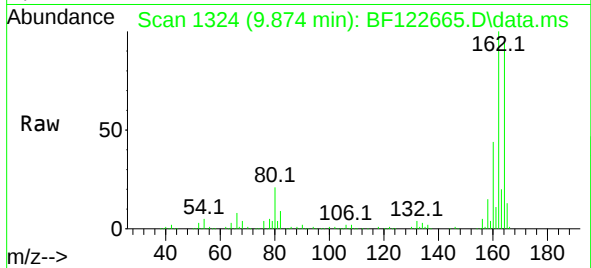




#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

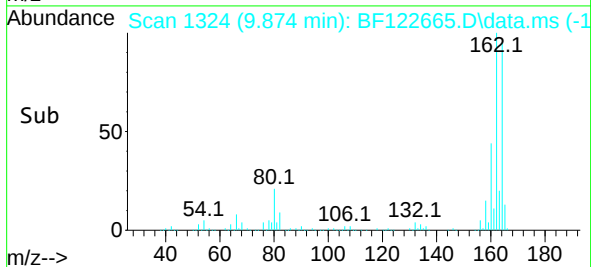
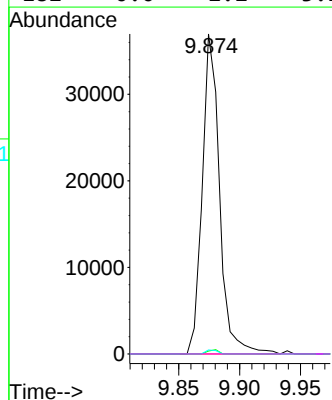
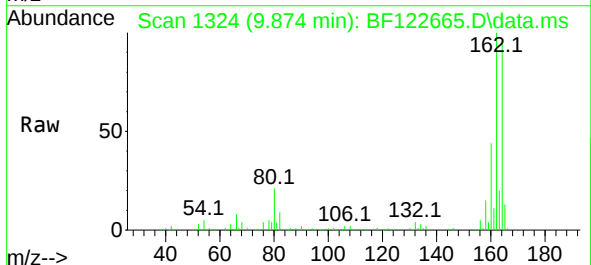
Instrument :
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ClientSampleId :
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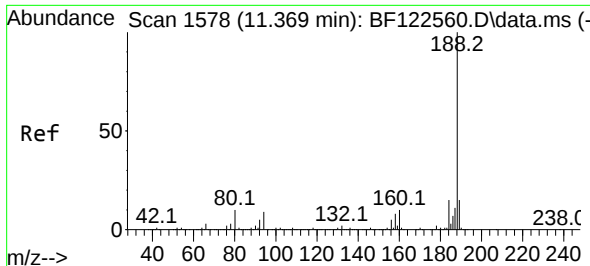
Tgt Ion:165 Resp: 36434
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

Tgt Ion:165 Resp: 36434
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

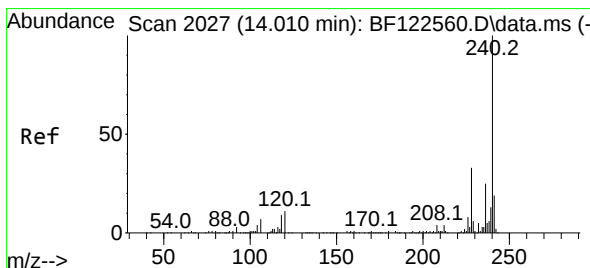
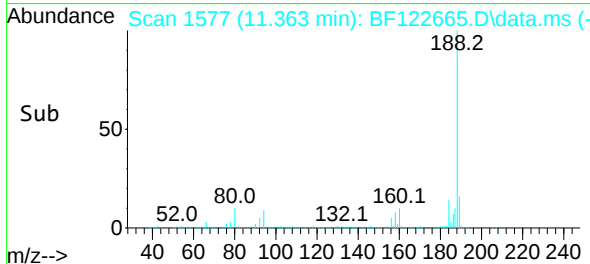
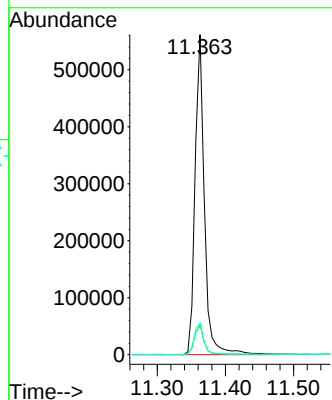
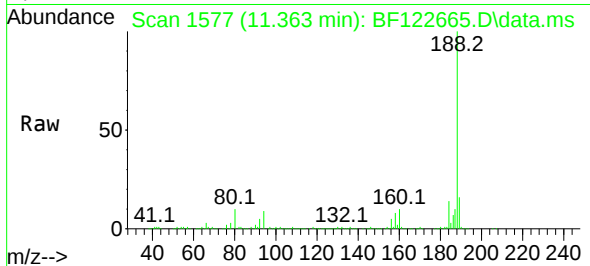




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

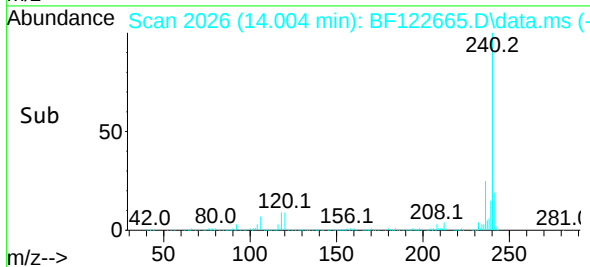
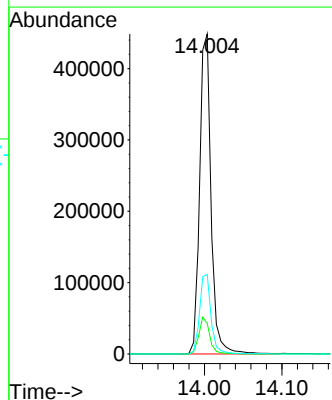
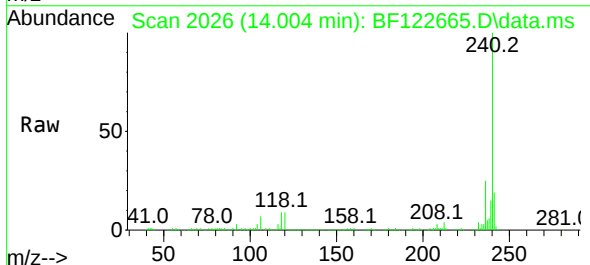
Instrument :
BNA_F
ClientSampleId :
351

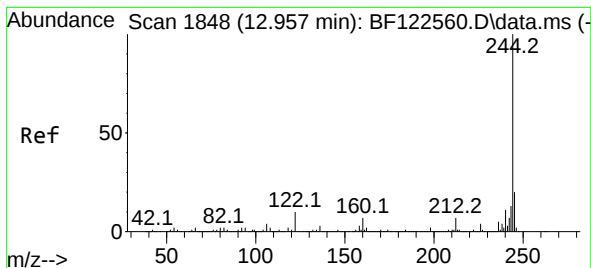
Tgt Ion:188 Resp: 532371
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122665.D
Acq: 11 Dec 2020 16:09

Tgt Ion:240 Resp: 457655
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 24.9 20.3 30.5





#79

Terphenyl-d14

Concen: 50.14 ng

RT: 12.951 min Scan# 1847

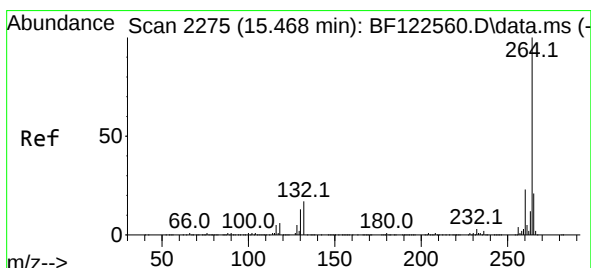
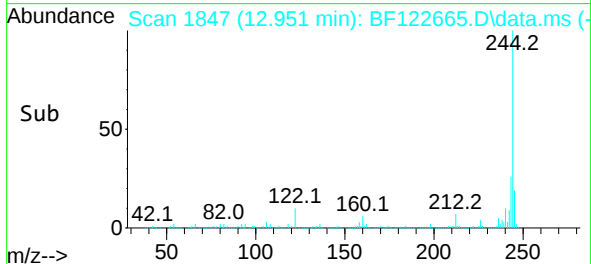
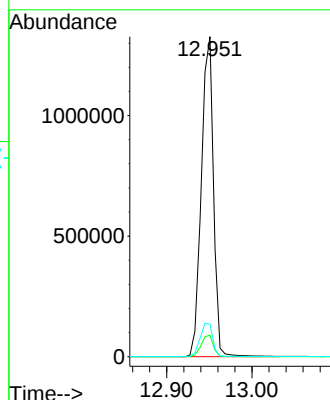
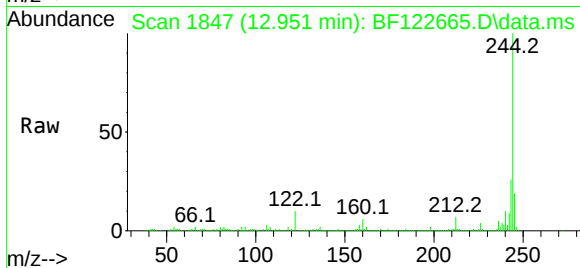
Delta R.T. -0.006 min

Lab File: BF122665.D

Acq: 11 Dec 2020 16:09

Tgt Ion:244 Resp: 1310898

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.2	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: BF122665.D

Acq: 11 Dec 2020 16:09

Tgt Ion:264 Resp: 403571

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.9	17.0	25.6

