Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112185.D
Acq On : 22 Jan 2019 10:23
Operator : JU/SJ
Sample : K1013-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 22 12:27:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	233655	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	795828	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	319532	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	559908	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	519658	20.00	ng	-0.01
87) Perylene-d12	15.49	264	379708	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1462772	113.63	ng	0.00
7) Phenol-d6	6.50	99	1565897	97.22	ng	0.00
23) Nitrobenzene-d5	7.42	82	1210897	105.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	467467	135.61	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2198115	100.86	ng	0.00
79) Terphenyl-d14	12.96	244	2192163	89.74	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2651	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	166112	16.929	ng	# 73
25) Isophorone	7.42	82	1207274	54.262	ng	# 64
26) 2-Nitrophenol	7.52	139	112	5.696	ng	# 39
32) Benzoic acid	7.93	122	599	7.307	ng	# 45
51) 2,6-Dinitrotoluene	9.89	165	42837	9.205	ng	# 33
56) 4-Nitrophenol	10.09	139	1915	6.133	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	42837	11.068	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.67	198	998	10.407	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	27390	4.212	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112185.D
Acq On : 22 Jan 2019 10:23
Operator : JU/SJ
Sample : K1013-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 22 12:27:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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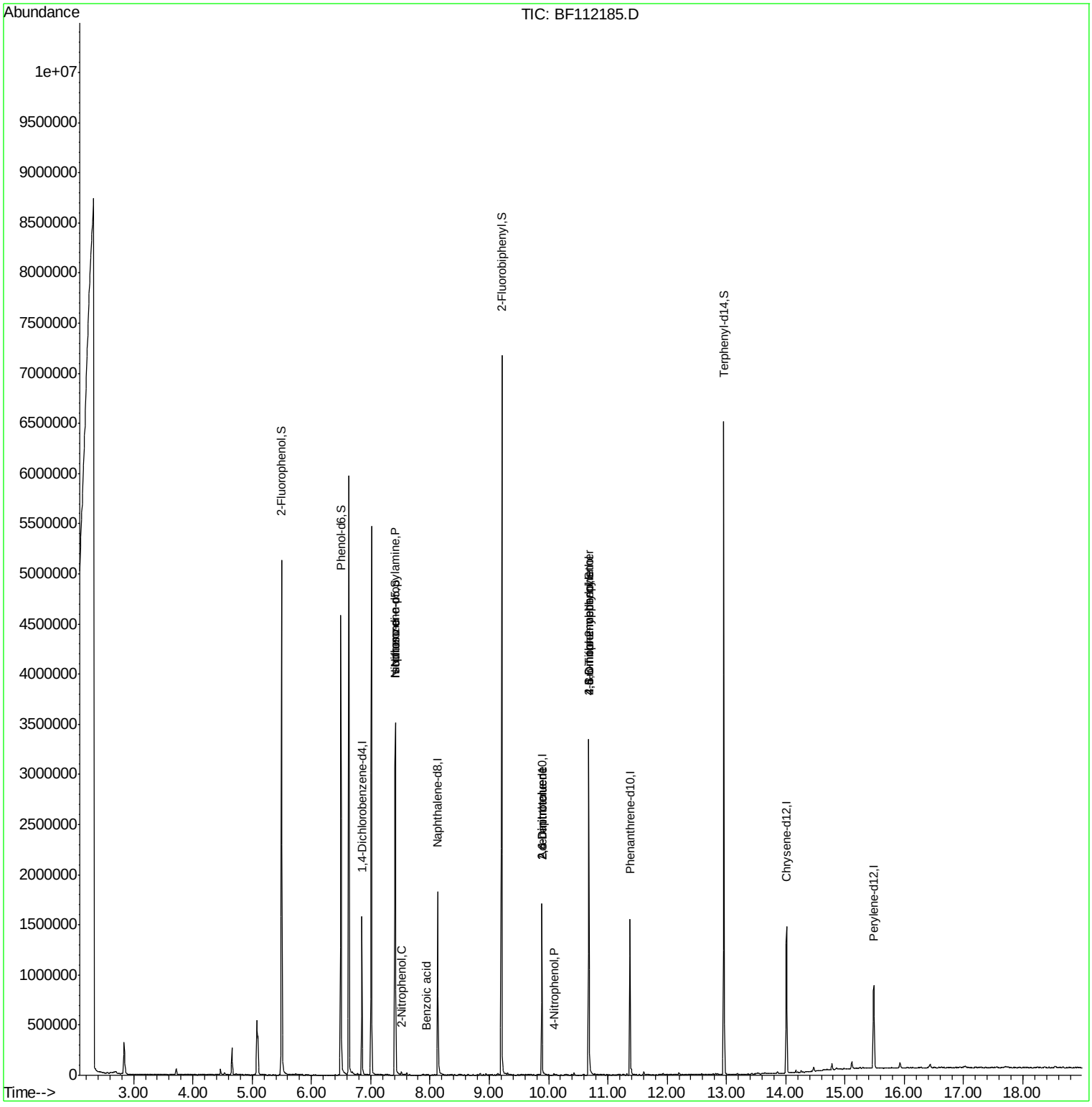
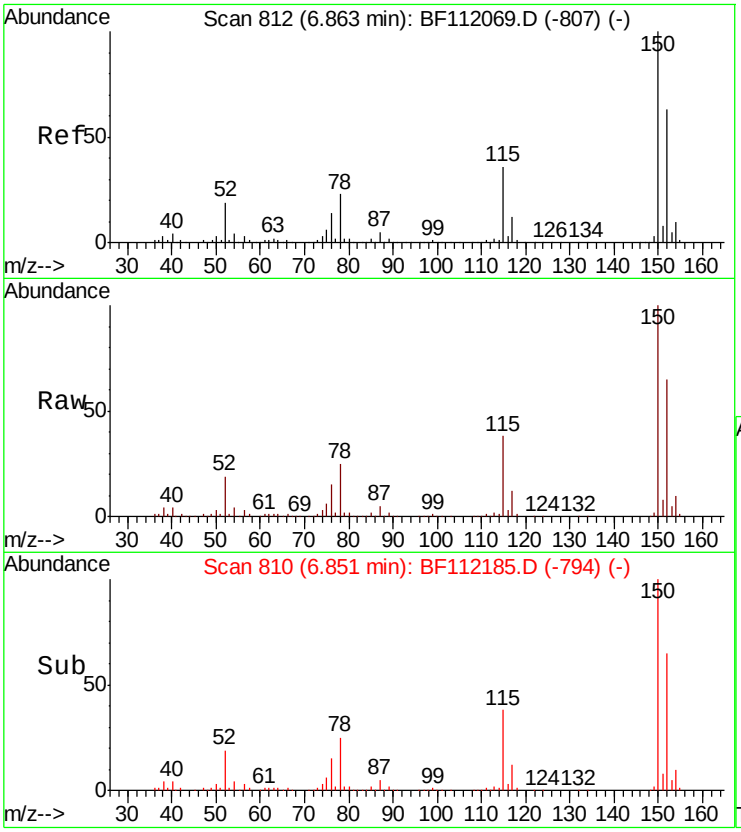
Response via : Initial Calibration



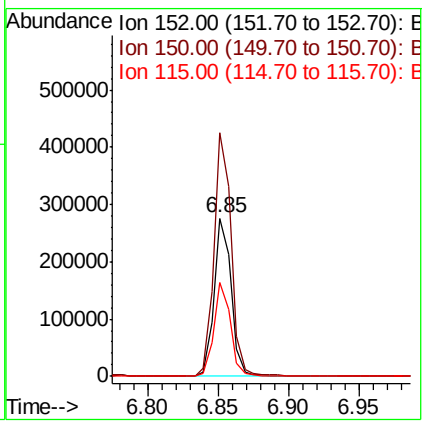


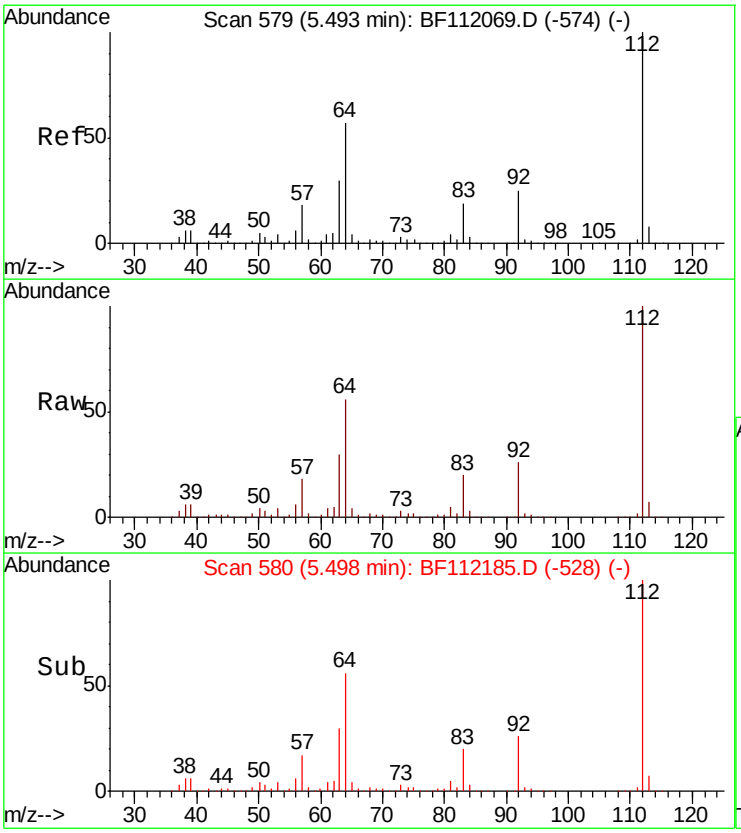
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 233655

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	59.2	45.5	68.3

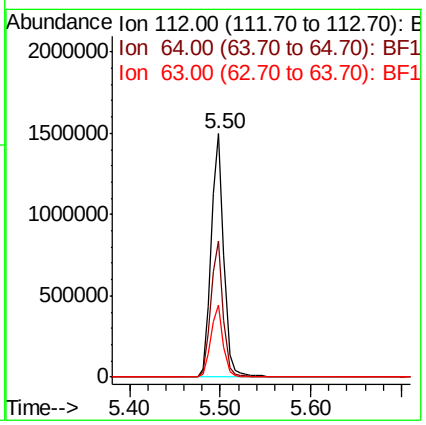


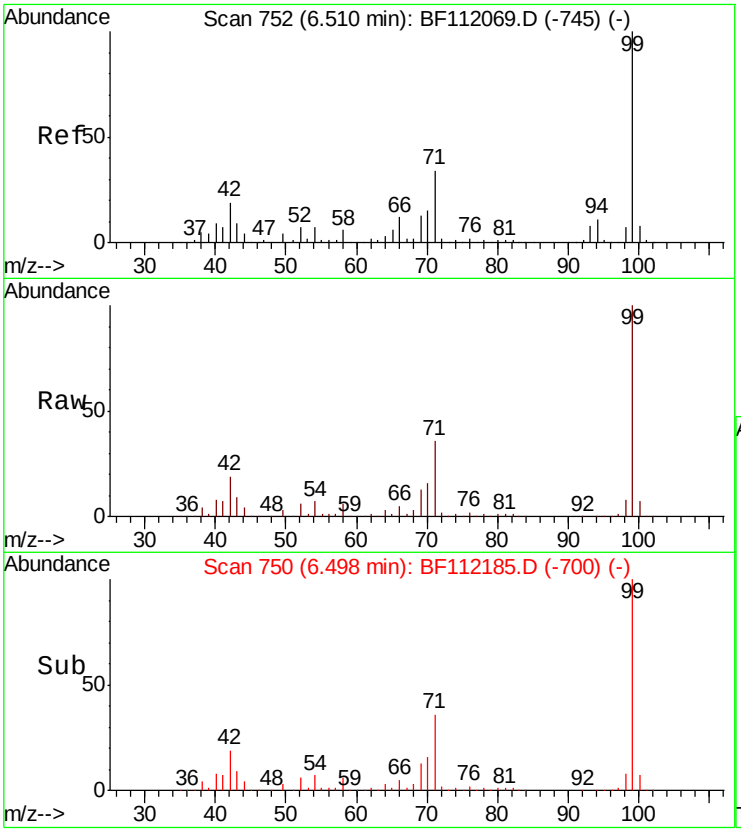


#5
2-Fluorophenol
Concen: 113.628 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:112 Resp: 1462772

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	29.5	23.6	35.4



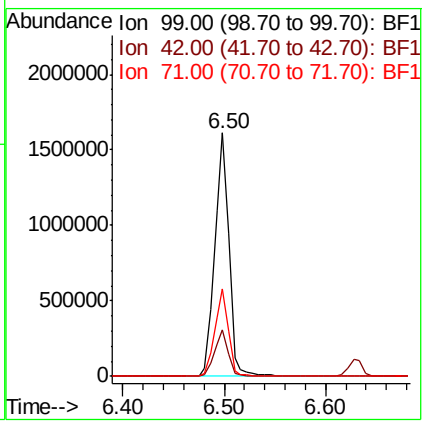


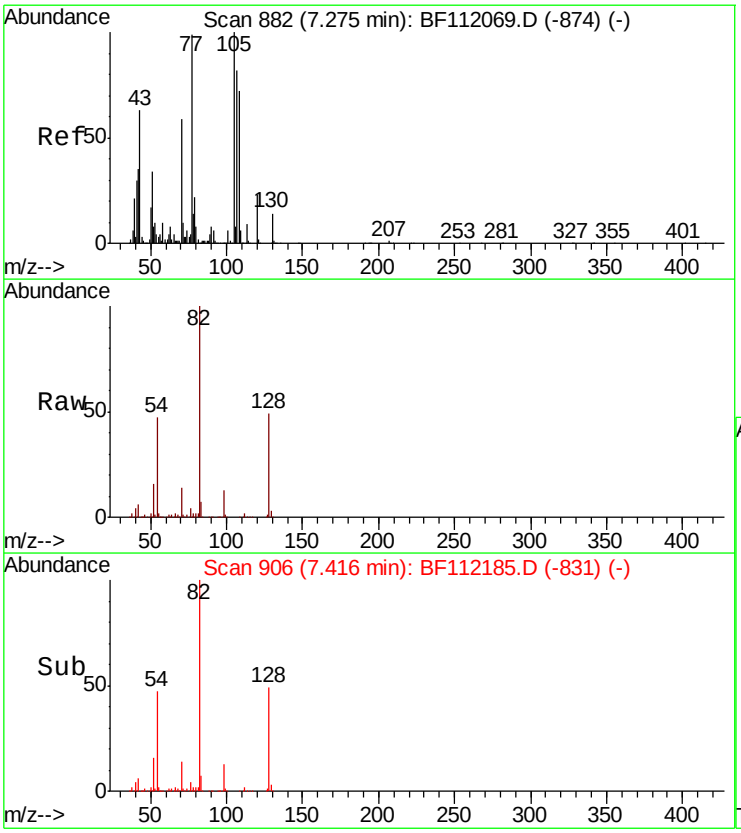
#7
Phenol-d6
Concen: 97.222 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1565897

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	36.1	26.9	40.3

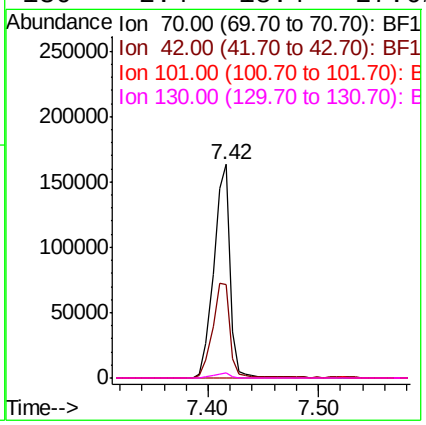


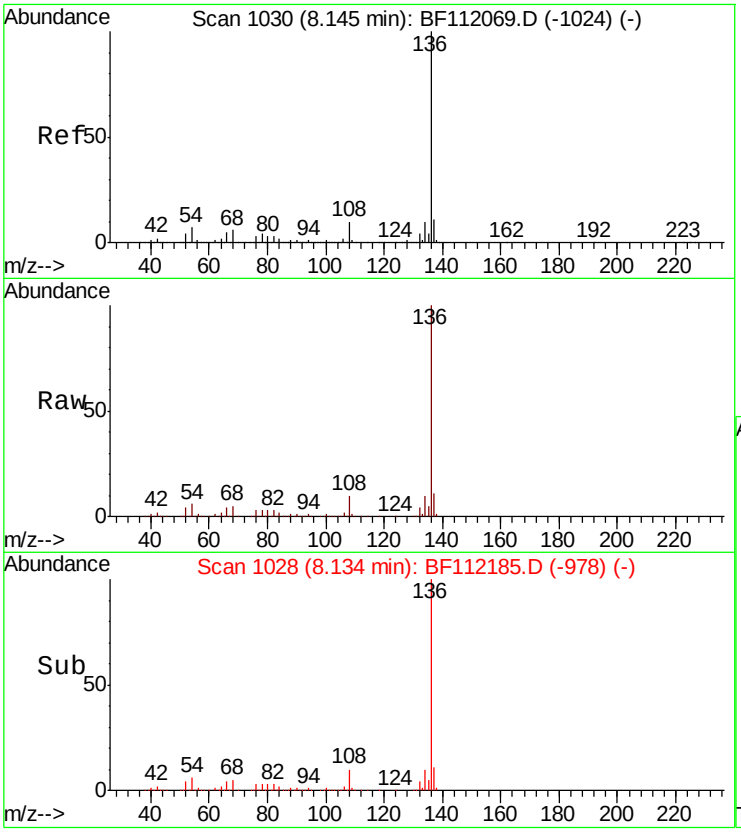


#19
n-Nitroso-di-n-propylamine
Concen: 16.929 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion: 70 Resp: 166112

Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.6	71.4#
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#



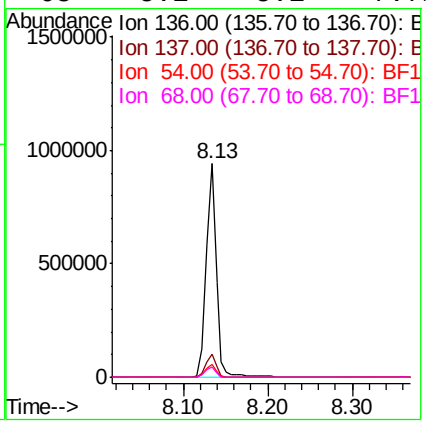


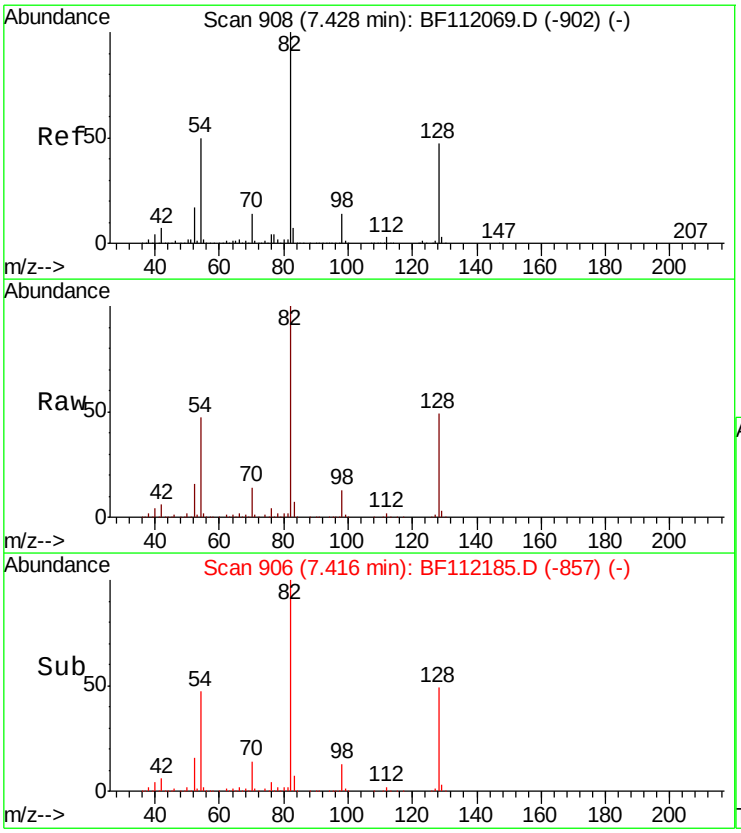
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 795828

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.3	5.9	8.9
68	5.1	5.1	7.7#

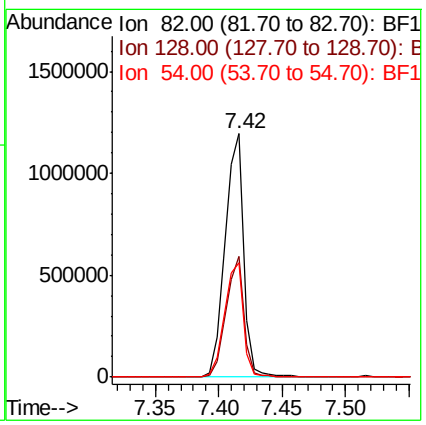


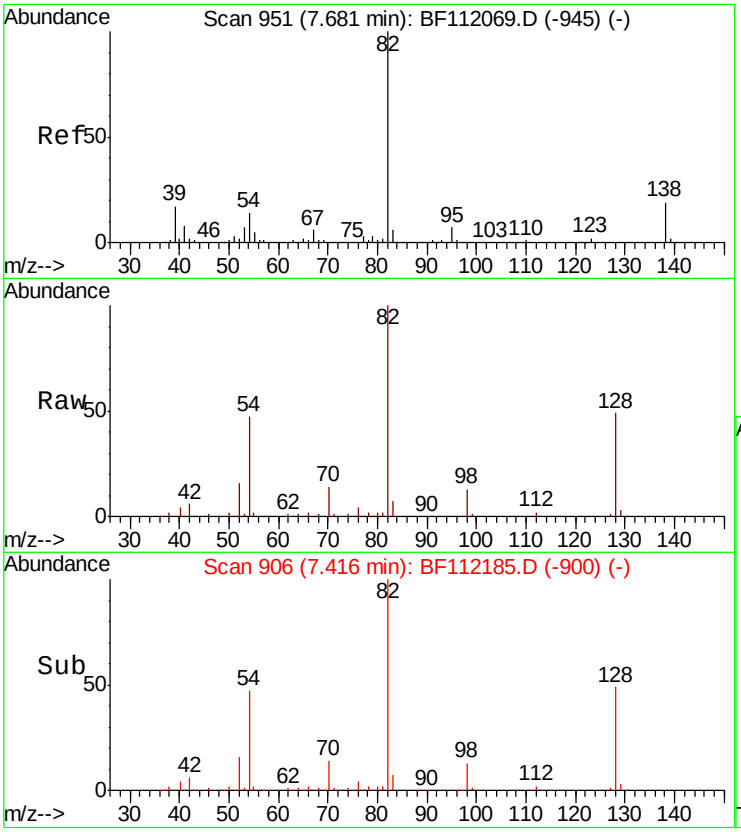


#23
Nitrobenzene-d5
Concen: 105.123 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion: 82 Resp: 1210897

Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.8	56.8
54	47.1	39.7	59.5



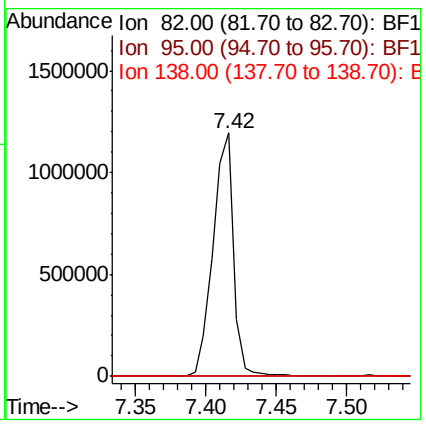


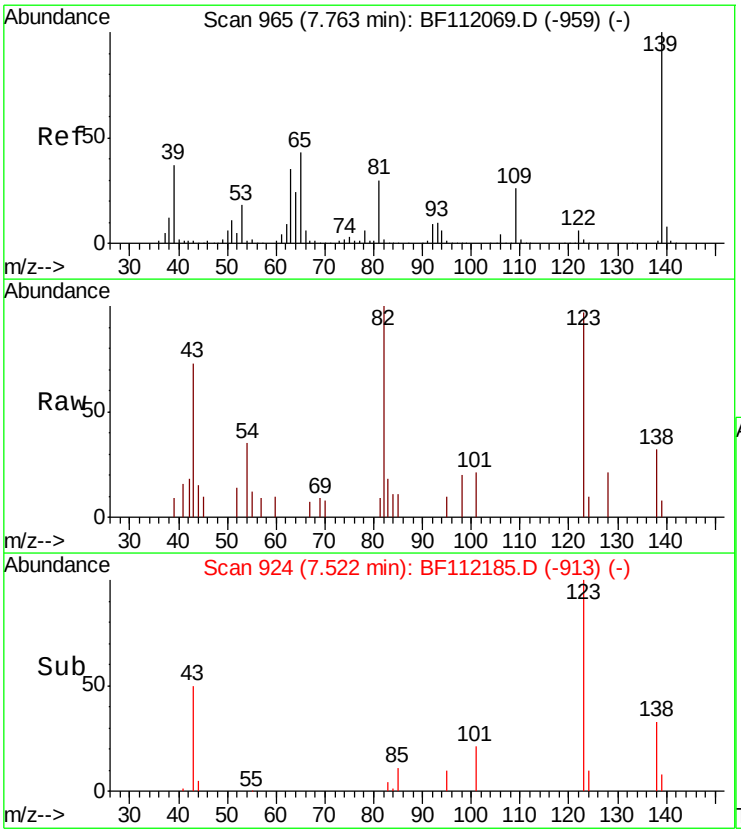
#25
Isophorone
Concen: 54.262 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1207274

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

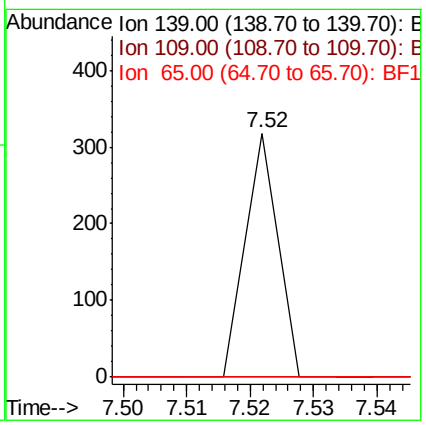


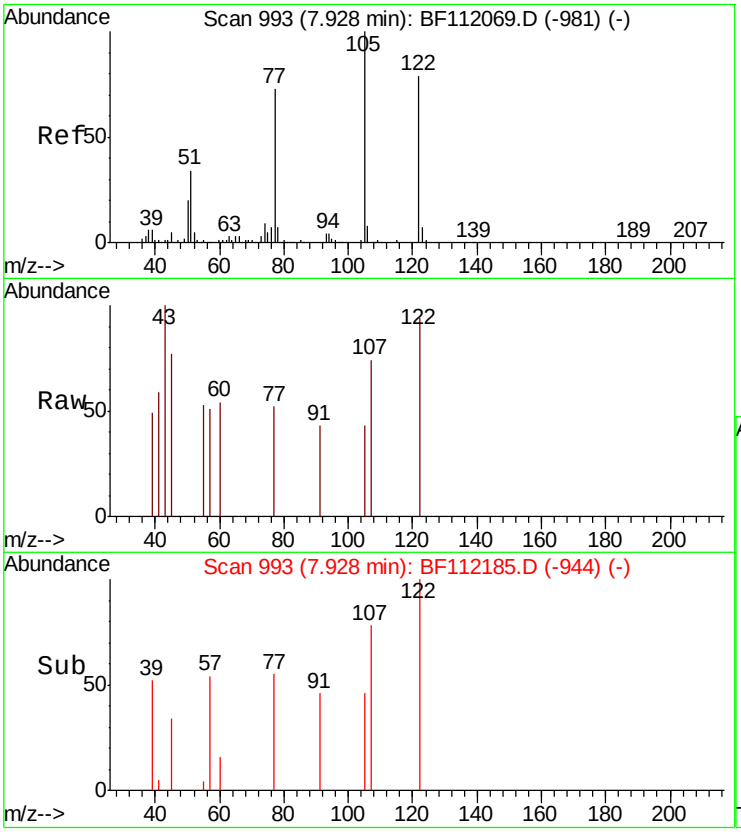


#26
2-Nitrophenol
Concen: 5.696 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.24 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:139 Resp: 112

Ion	Ratio	Lower	Upper
139	100		
109	0.0	20.8	31.2#
65	0.0	34.4	51.6#



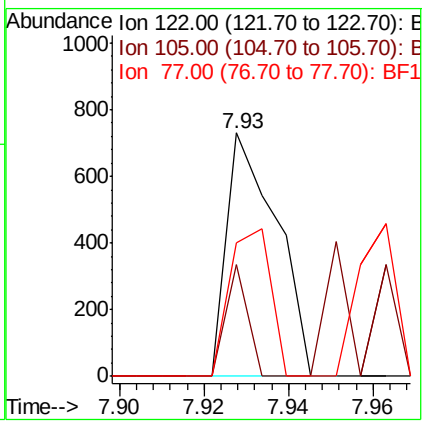


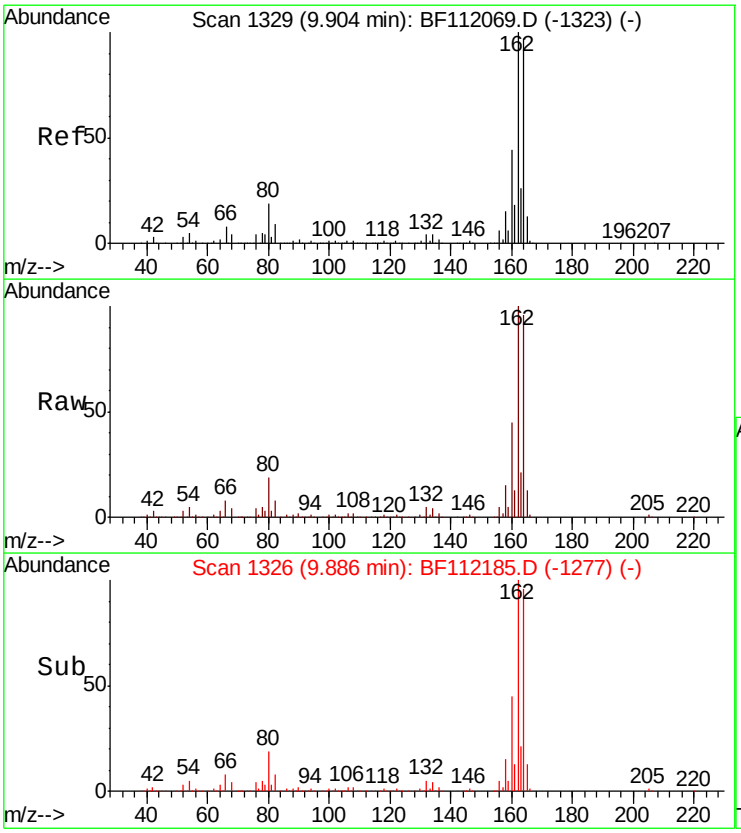
#32
Benzoic acid
Concen: 7.307 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 599

Ion	Ratio	Lower	Upper
122	100		
105	45.7	101.2	141.2#
77	54.9	70.4	110.4#

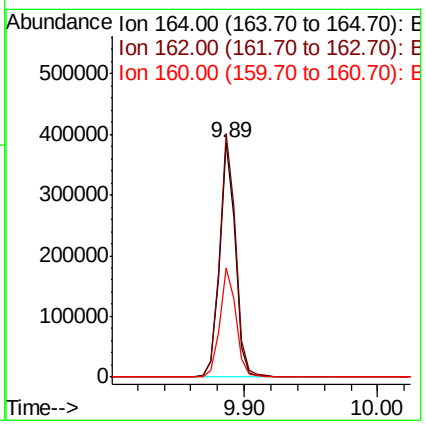


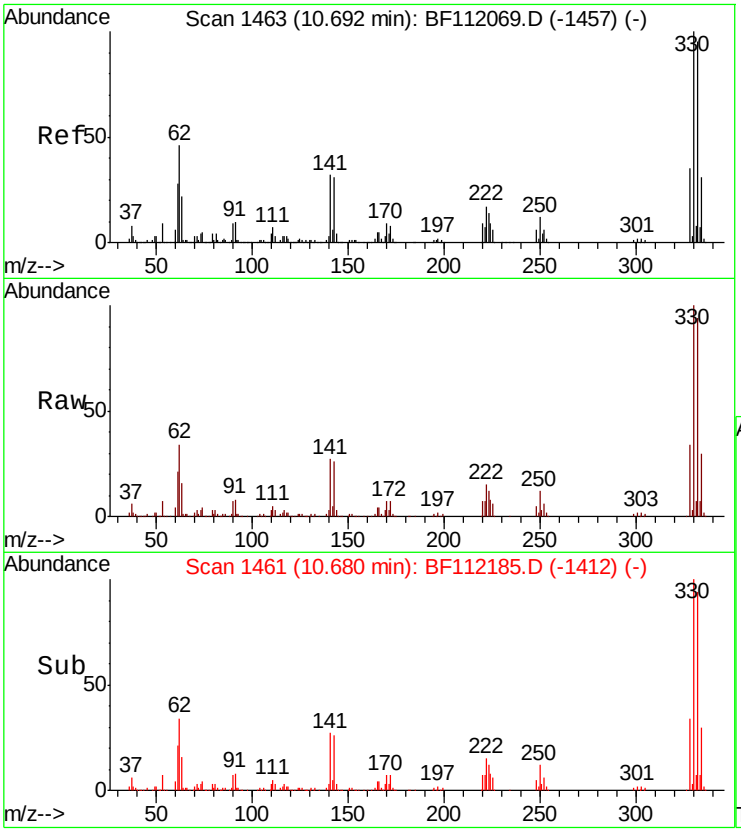


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:164 Resp: 319532

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	46.6	36.2	54.4



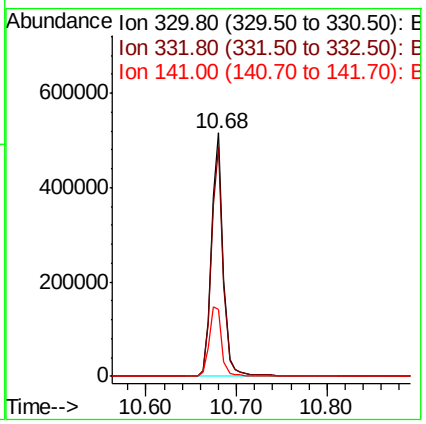


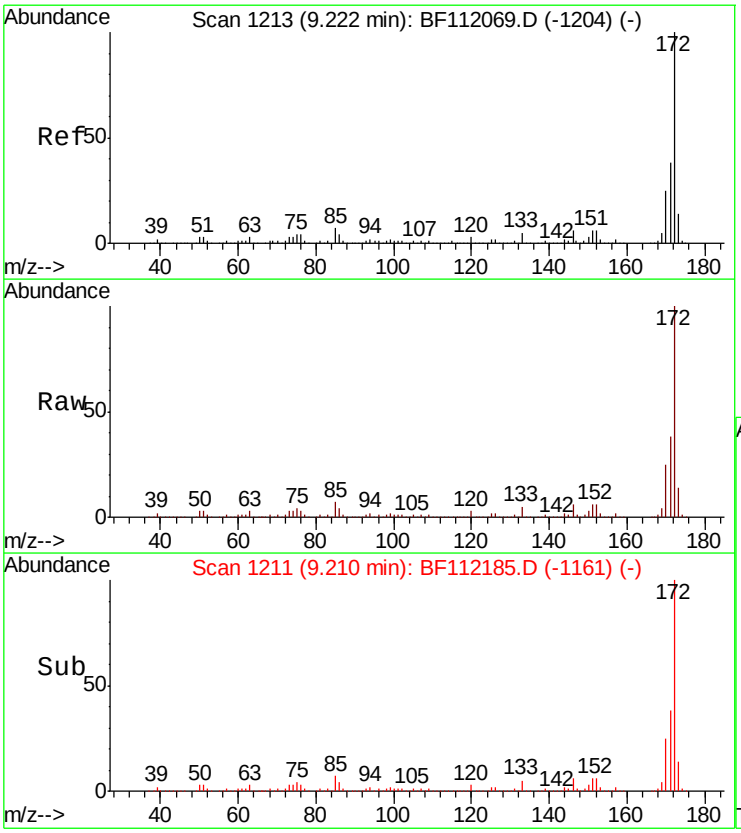
#42
2,4,6-Tribromophenol
Concen: 135.614 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 467467

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	31.3	24.3	36.5

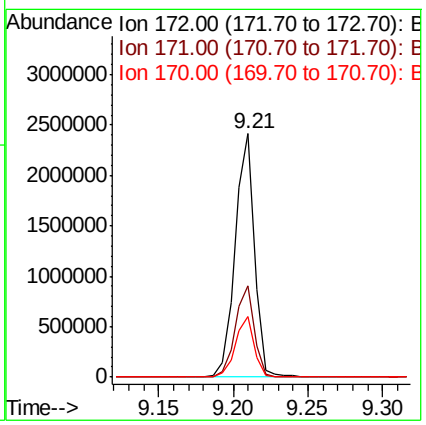


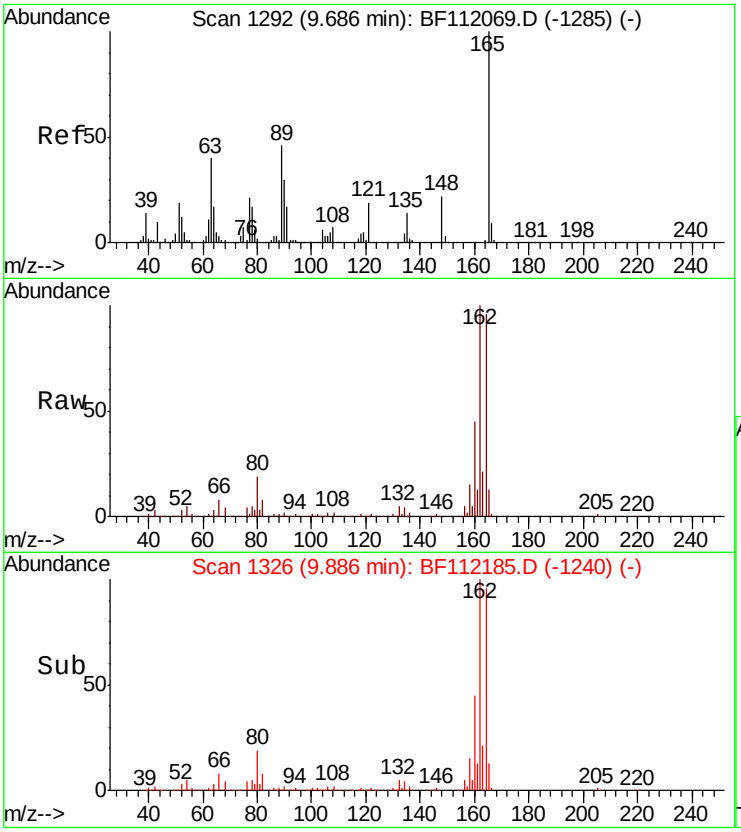


#45
2-Fluorobiphenyl
Concen: 100.856 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:172 Resp: 2198115

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.0	20.2	30.4



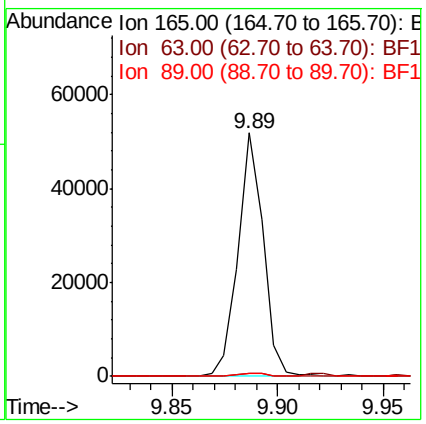


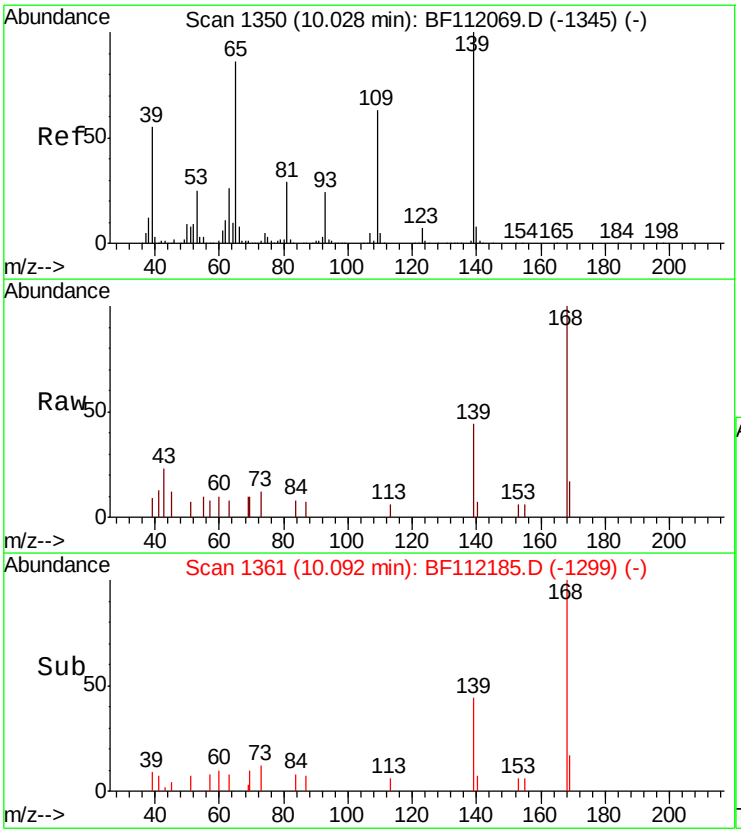
#51
2,6-Dinitrotoluene
Concen: 9.205 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42837

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.1	36.9	55.3#

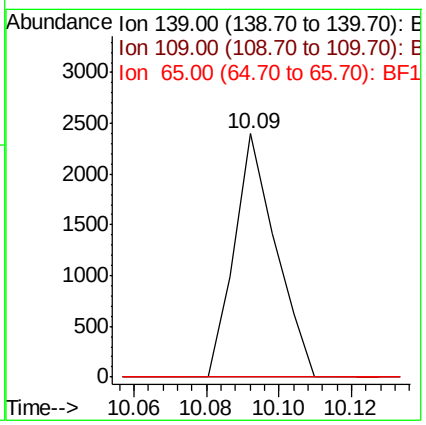


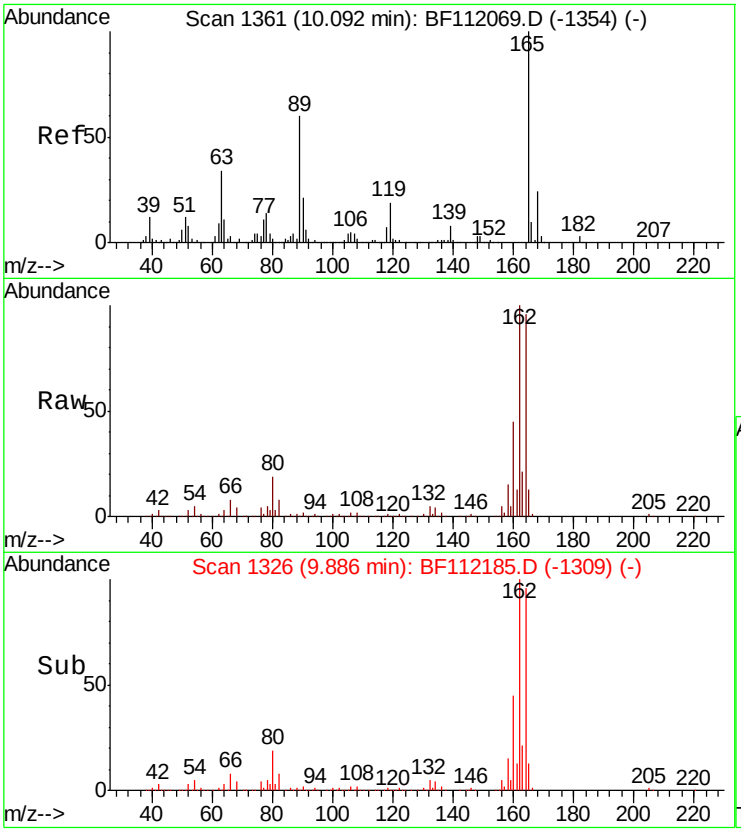


#56
4-Nitrophenol
Concen: 6.133 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:139 Resp: 1915

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#



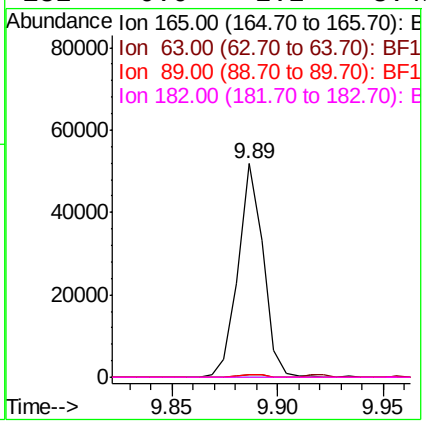


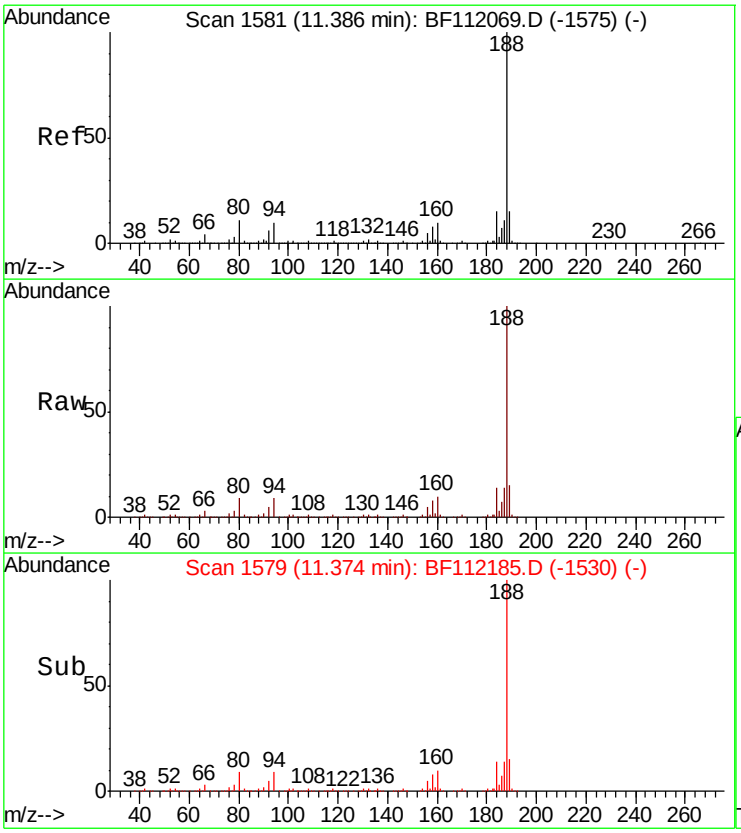
#57
2,4-Dinitrotoluene
Concen: 11.068 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42837

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.1	47.9	71.9#
182	0.0	2.2	3.4#

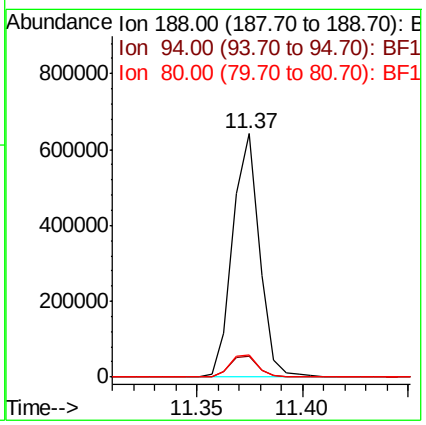


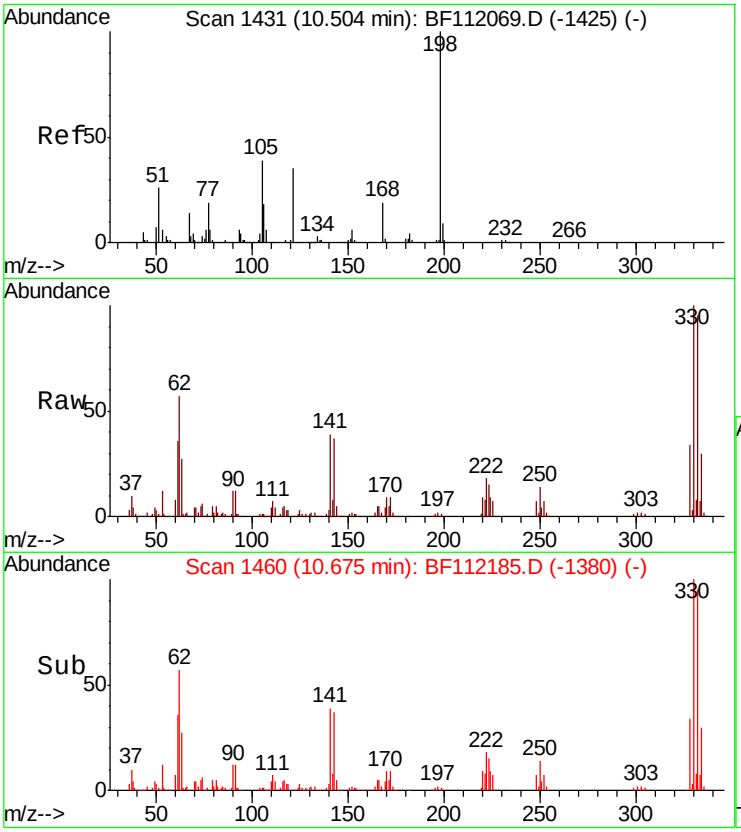


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:188 Resp: 559908

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	8.9	8.9	13.3



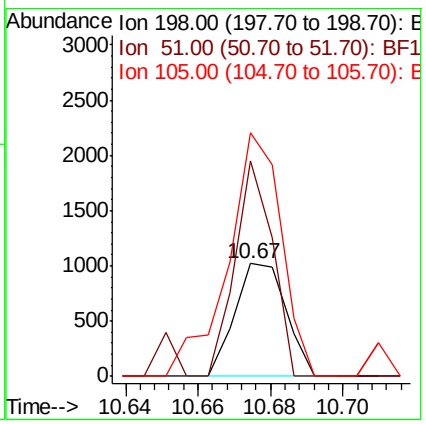


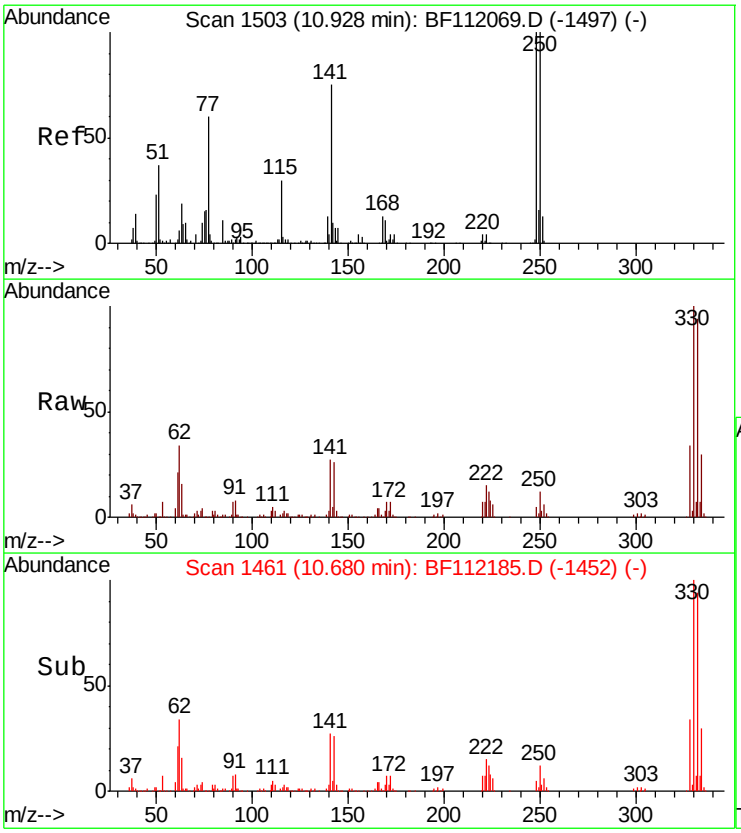
#65
4,6-Dinitro-2-methylphenol
Concen: 10.407 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.17 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 998

Ion	Ratio	Lower	Upper
198	100		
51	191.2	17.2	57.2#
105	215.4	21.9	61.9#

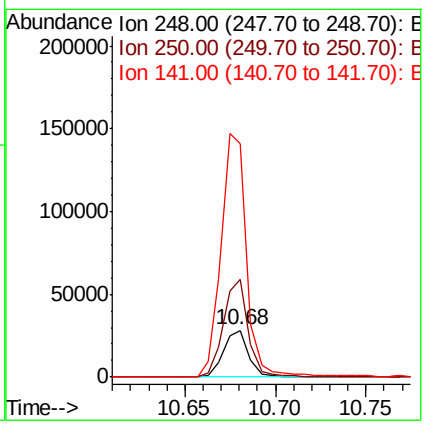


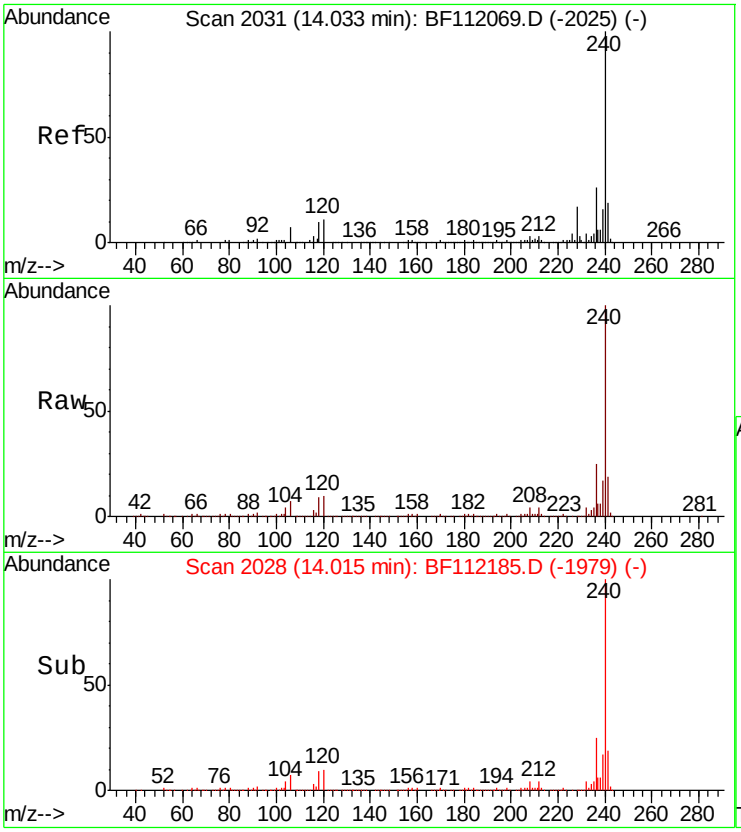


#67
4-Bromophenyl-phenylether
Concen: 4.212 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:248 Resp: 27390

Ion	Ratio	Lower	Upper
248	100		
250	210.2	79.7	119.5#
141	499.6	60.3	90.5#



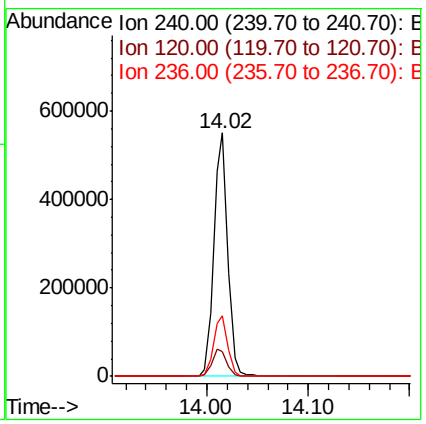


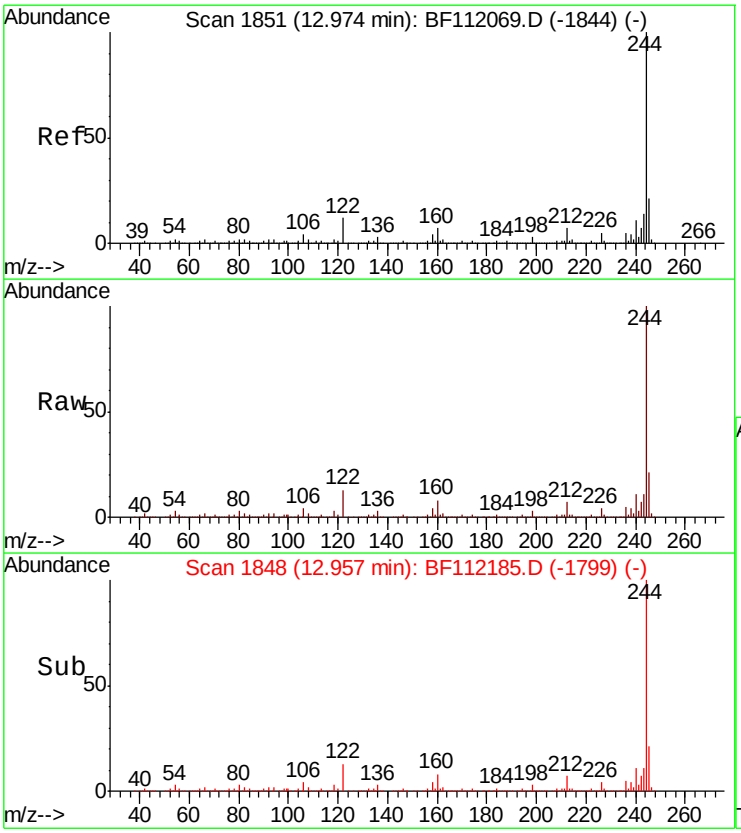
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 519658

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.6
236	24.7	20.7	31.1

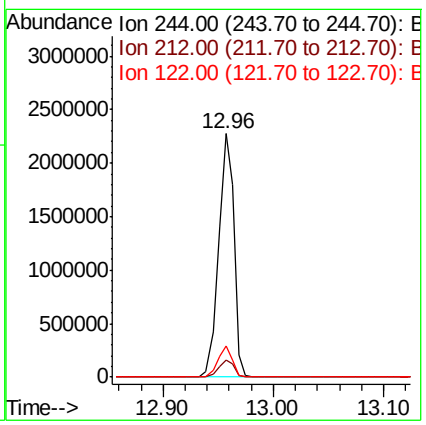


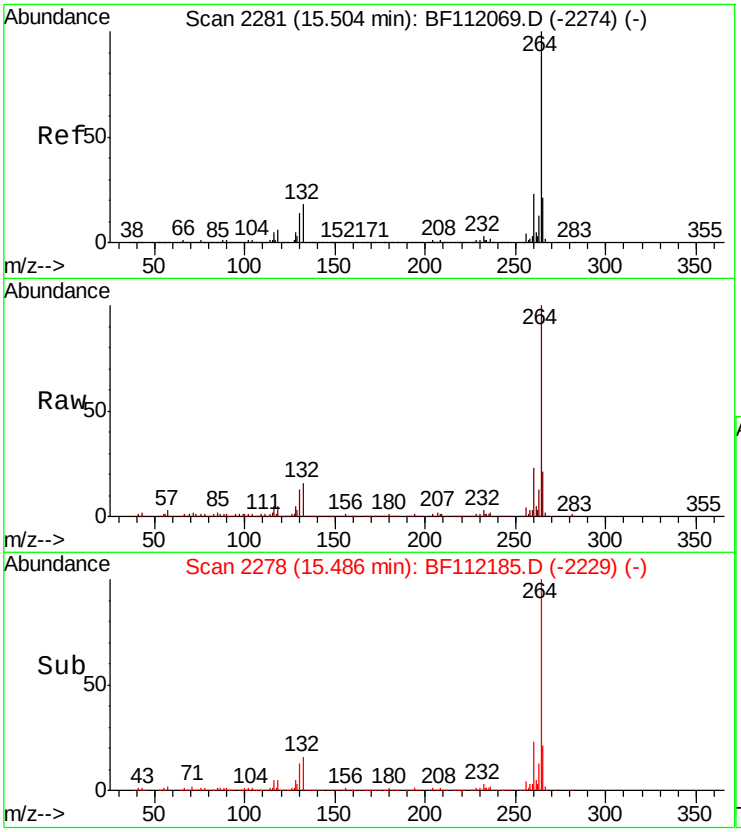


#79
Terphenyl-d14
Concen: 89.743 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:244 Resp: 2192163

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.8	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 379708

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.2	17.0	25.4