Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111026.D
Acq On : 27 Nov 2018 23:46
Operator : JU/SJ
Sample : J6030-02REDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 28 03:15:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52892	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	197034	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	83592	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	159759	20.00	ng	0.00
76) Chrysene-d12	14.13	240	129059	20.00	ng	0.00
87) Perylene-d12	15.67	264	82037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	20346	6.38	ng	0.03
7) Phenol-d6	6.60	99	17764	4.27	ng	0.03
23) Nitrobenzene-d5	7.52	82	23365	6.79	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	7671	9.24	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	41802	7.24	ng	0.00
79) Terphenyl-d14	13.06	244	47773	7.21	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	363	Below Cal	#	1
22) Acetophenone	7.36	105	15757	3.412	ng	# 97
25) Isophorone	7.52	82	23365	4.137	ng	# 67
31) Naphthalene	8.24	128	261229	28.284	ng	100
32) Benzoic acid	8.03	122	5336	2.732	ng	# 49
33) 4-Chloroaniline	8.24	127	32808	8.346	ng	# 33
51) 2,6-Dinitrotoluene	9.98	165	10265	7.521	ng	# 23
56) 4-Nitrophenol	10.10	139	121	4.367	ng	# 1
57) 2,4-Dinitrotoluene	9.98	165	10265	5.797	ng	# 19

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

Quantitation Report (Not Reviewed)

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BNA_F
ClientSampleId :

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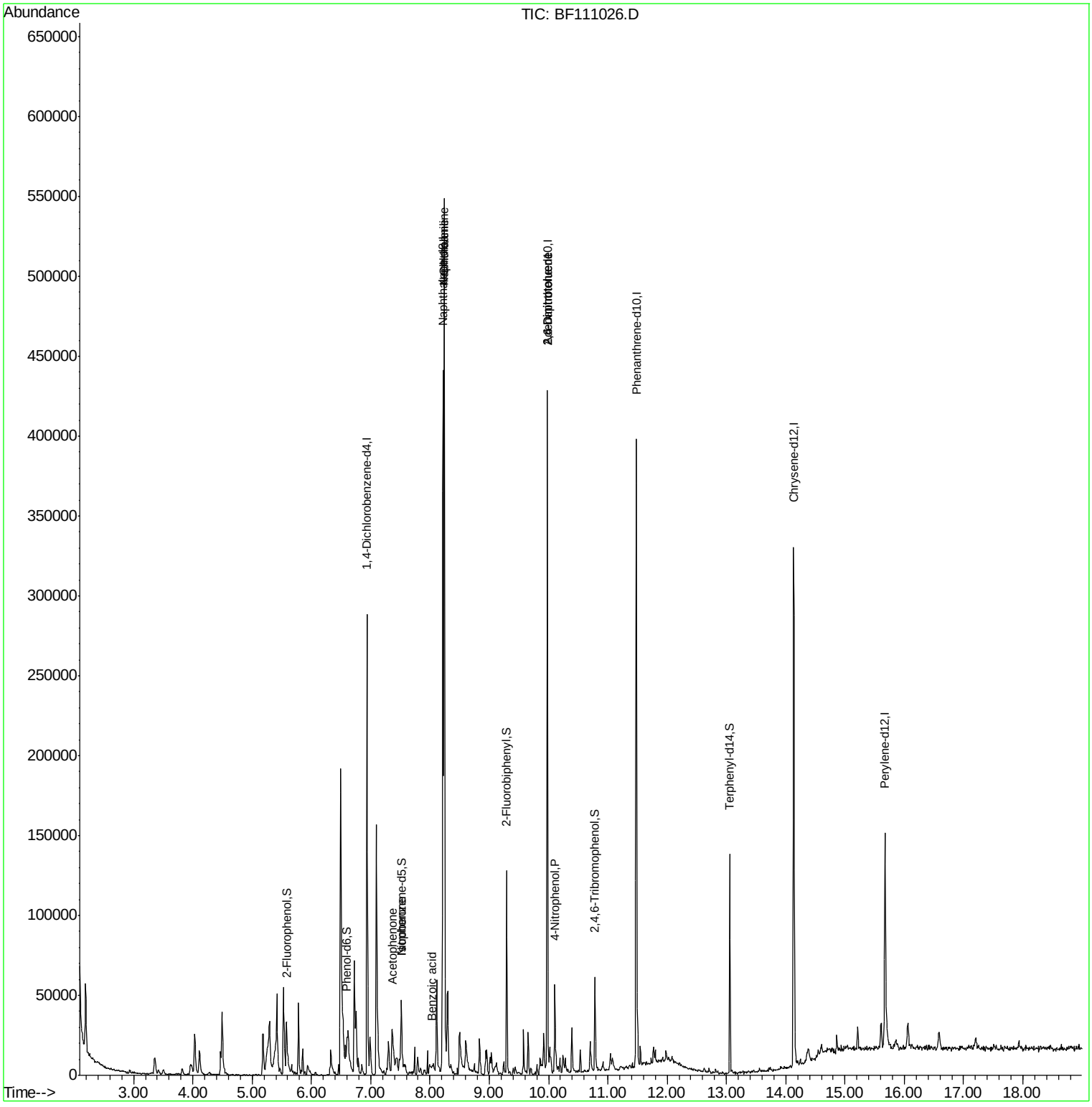
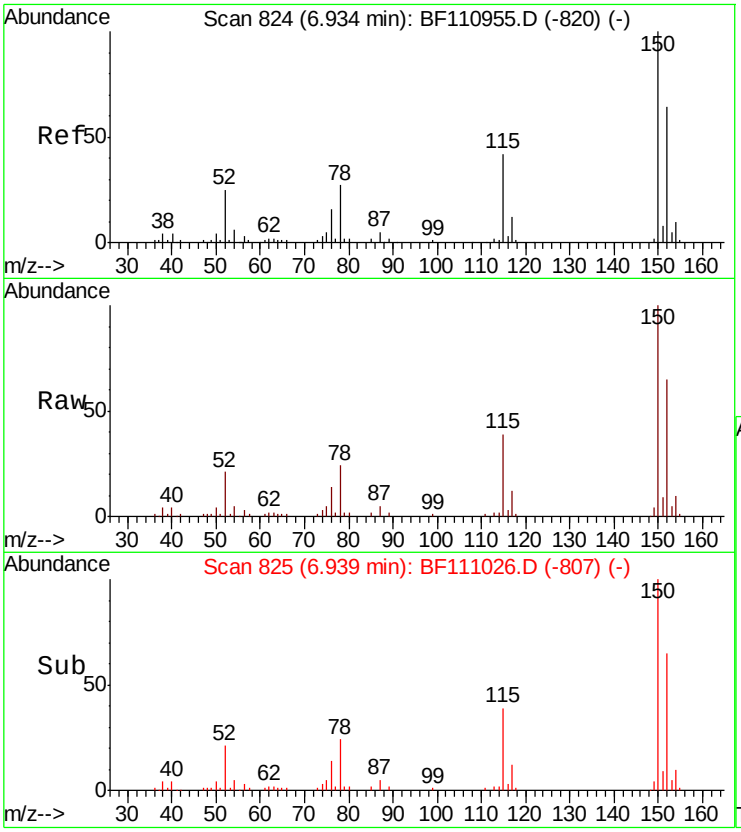
Response via : Initial Calibration



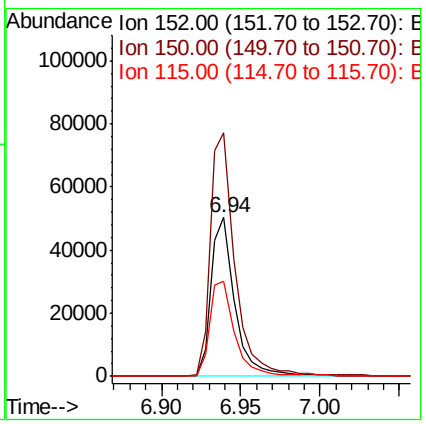


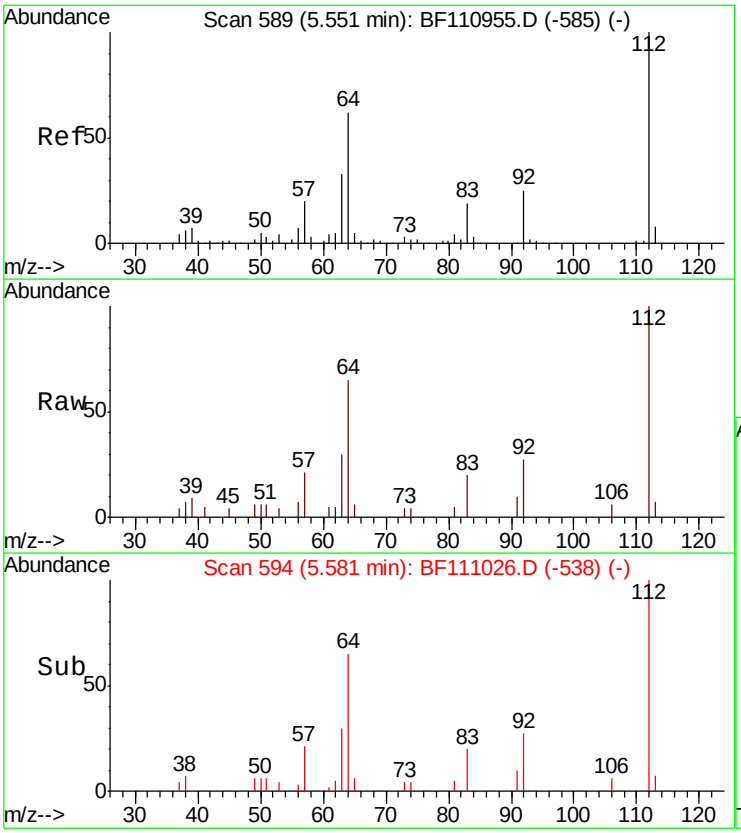
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52892

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.7	184.1
115	60.3	49.1	73.7

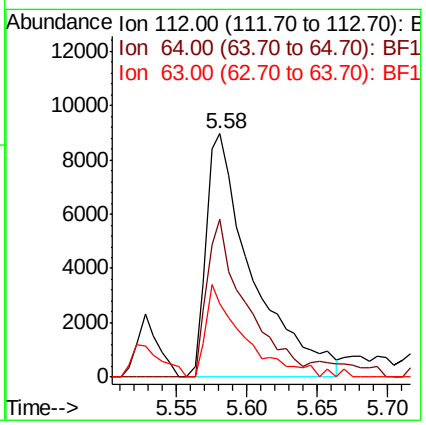


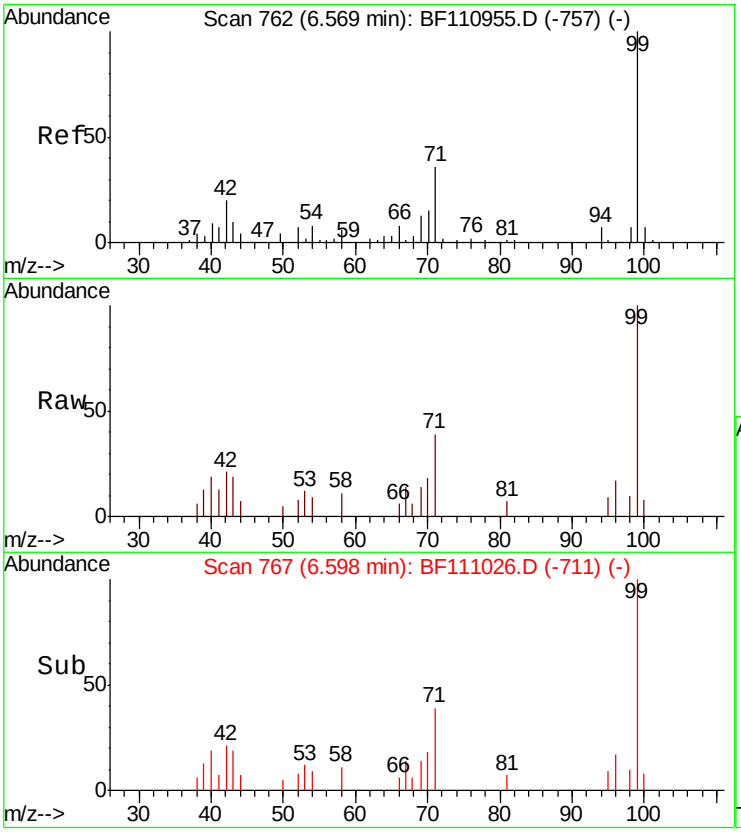


#5
2-Fluorophenol
Concen: 6.379 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.03 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:112 Resp: 20346

Ion	Ratio	Lower	Upper
112	100		
64	64.9	44.1	66.1
63	30.3	23.7	35.5



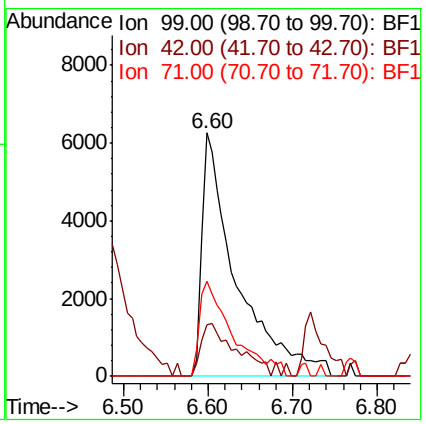


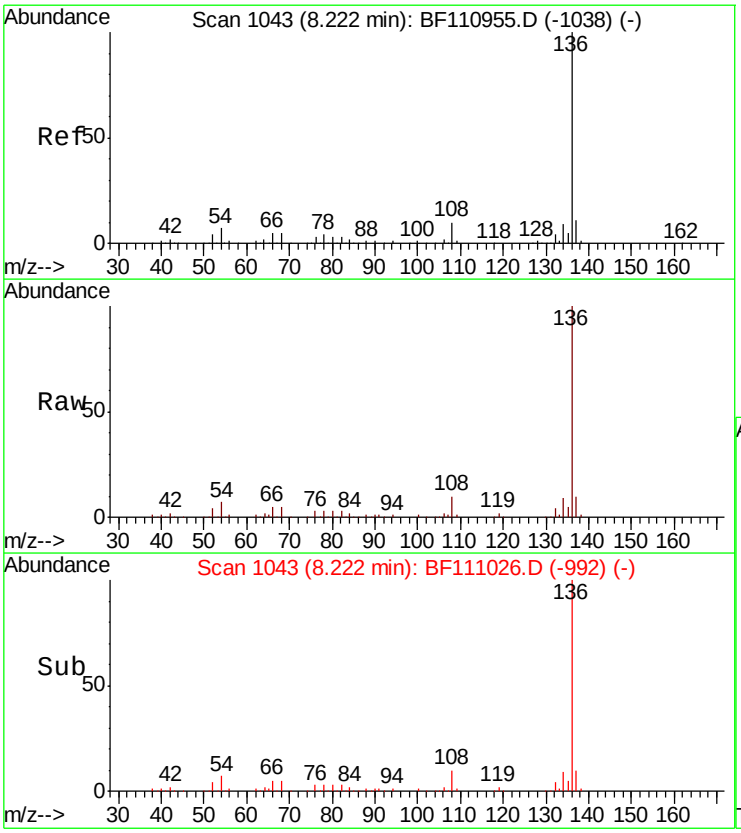
#7
Phenol-d6
Concen: 4.274 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.03 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 17764

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.8	23.6
71	38.9	28.0	42.0

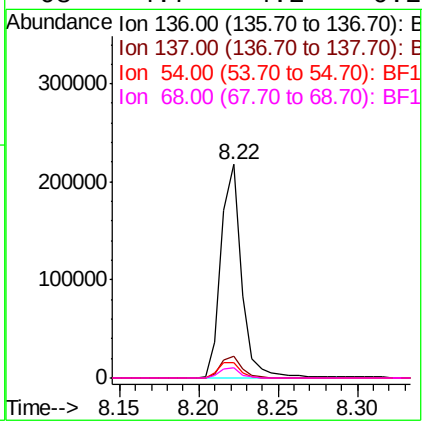


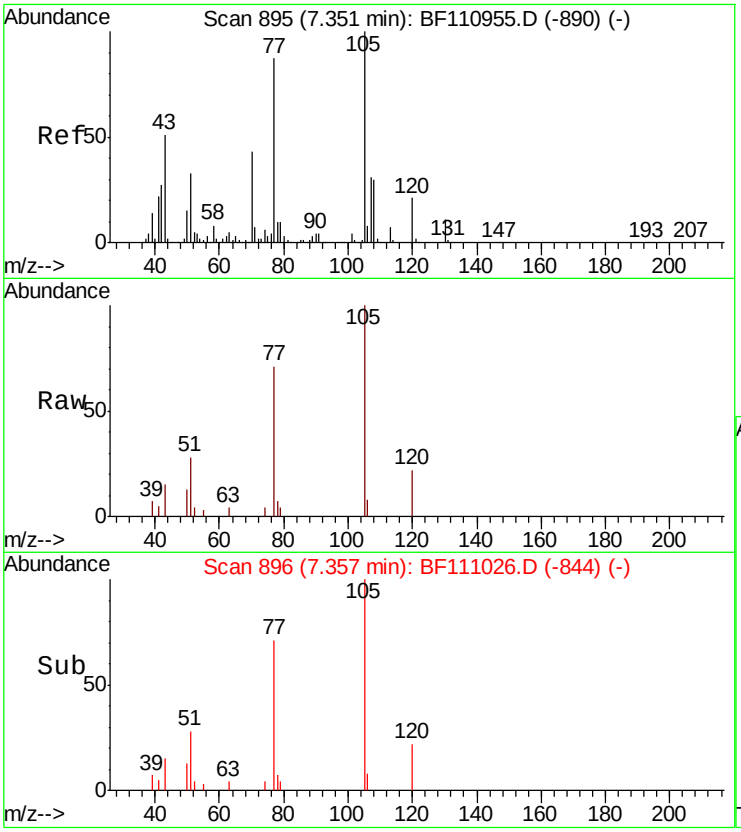


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:136 Resp: 197034

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	7.3	5.4	8.2
68	4.7	4.2	6.2



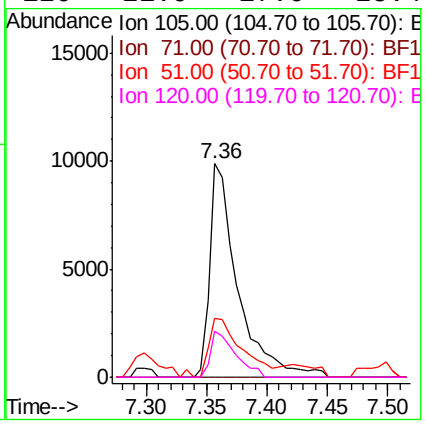


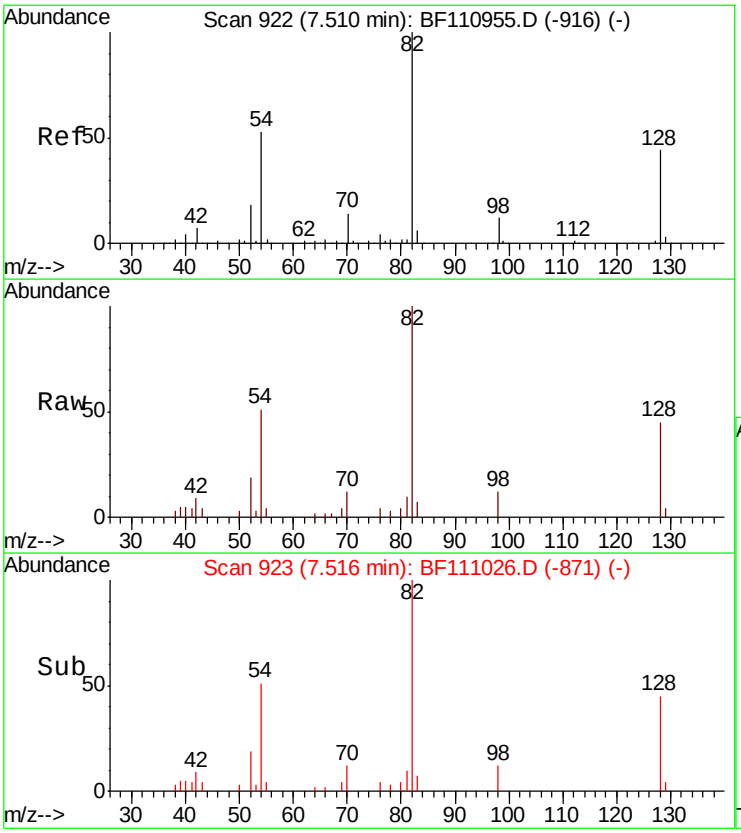
#22
Acetophenone
Concen: 3.412 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 15757

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.2	7.8#
51	27.7	21.8	32.8
120	21.9	17.0	25.4

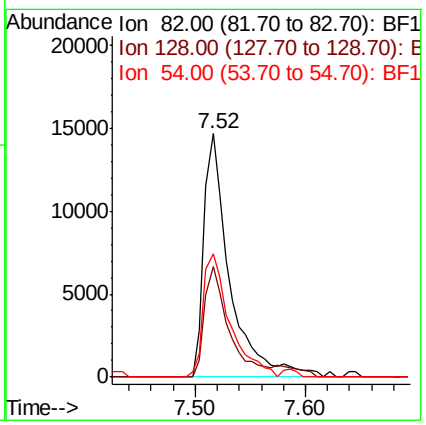


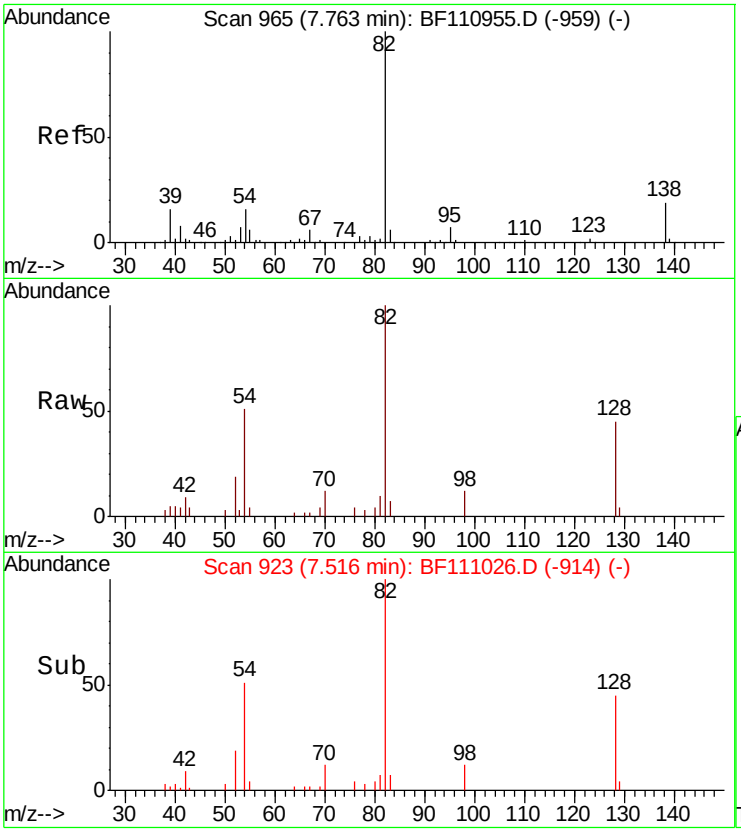


#23
Nitrobenzene-d5
Concen: 6.787 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion: 82 Resp: 23365

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	50.9	38.6	58.0



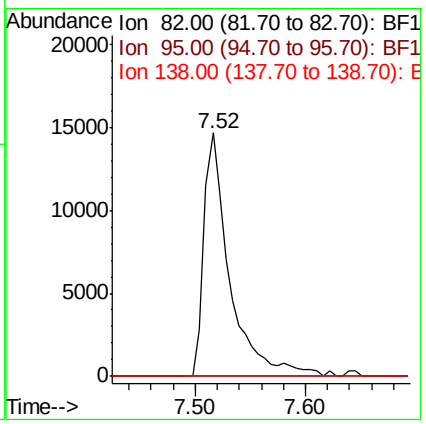


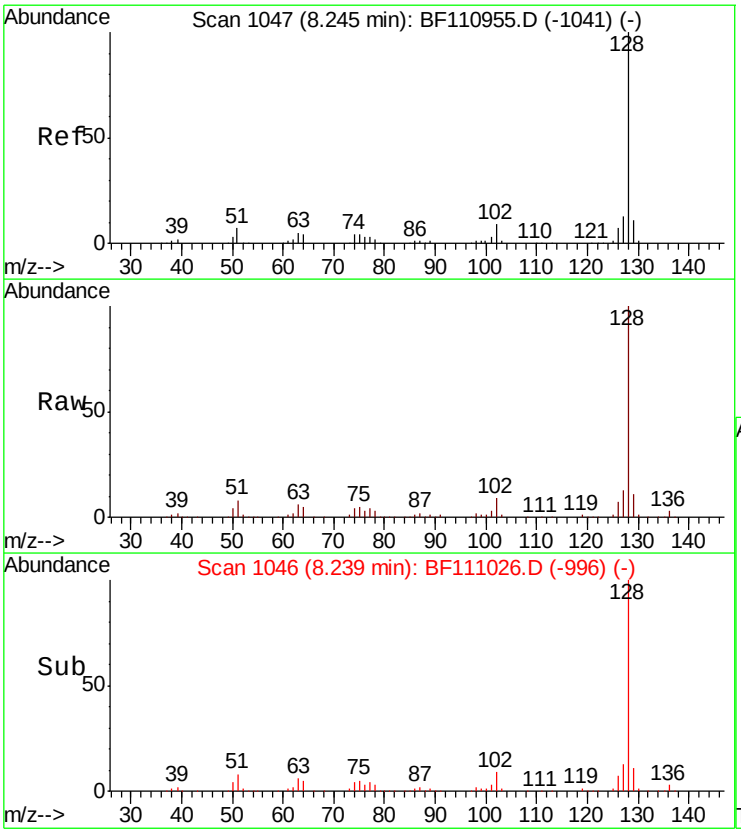
#25
Isophorone
Concen: 4.137 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 23365

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

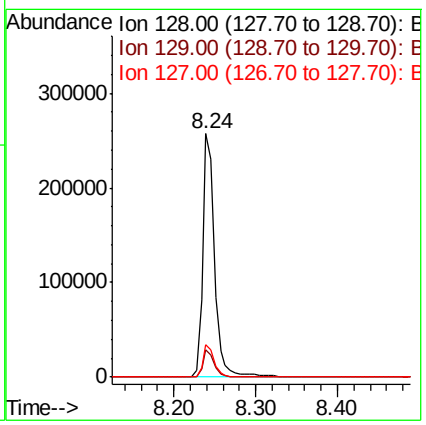


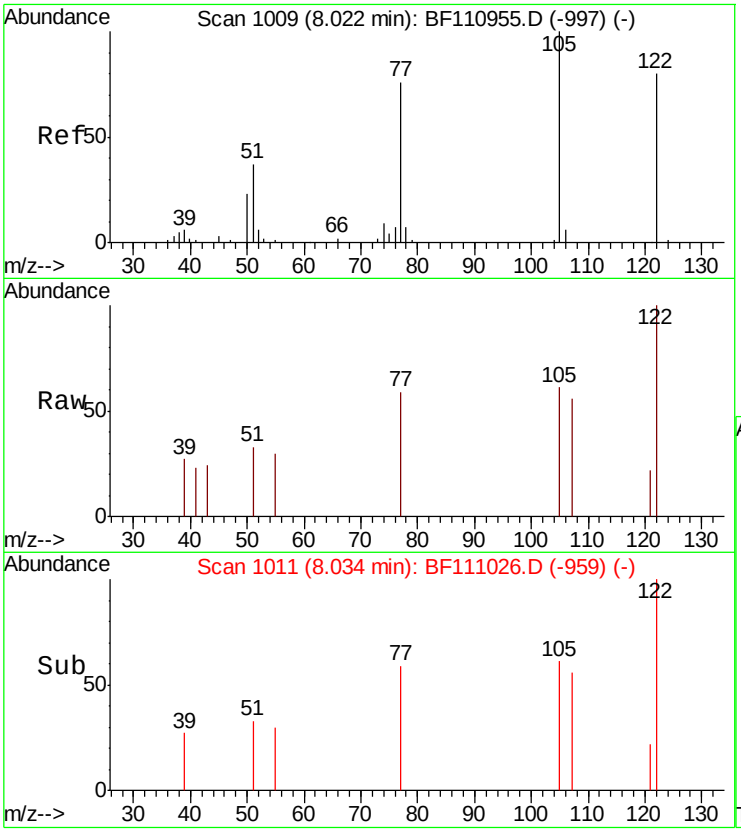


#31
Naphthalene
Concen: 28.284 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:128 Resp: 261229

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.8	16.2



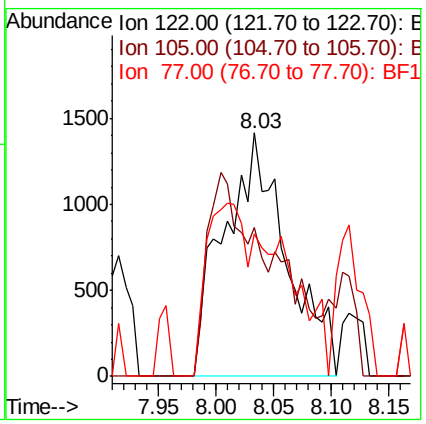


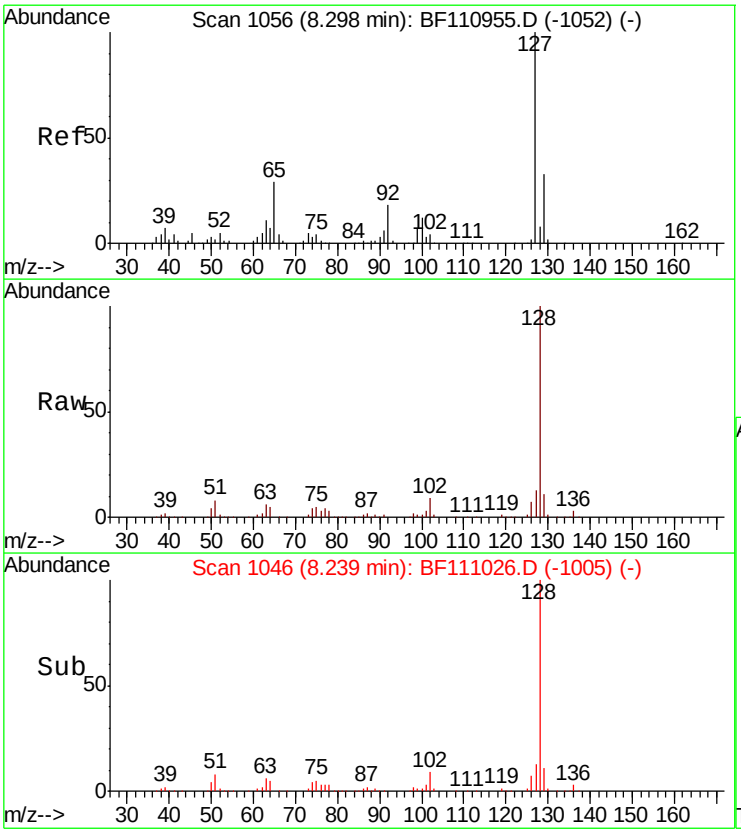
#32
Benzoic acid
Concen: 2.732 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 5336

Ion	Ratio	Lower	Upper
122	100		
105	61.3	109.0	149.0#
77	58.8	79.0	119.0#

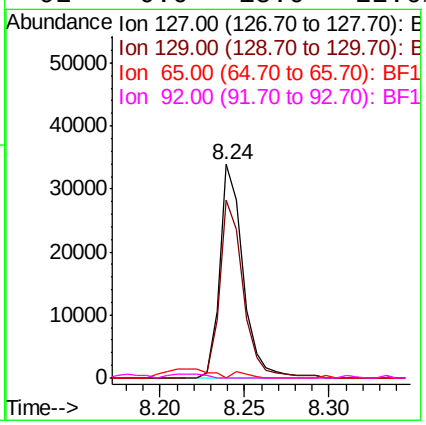


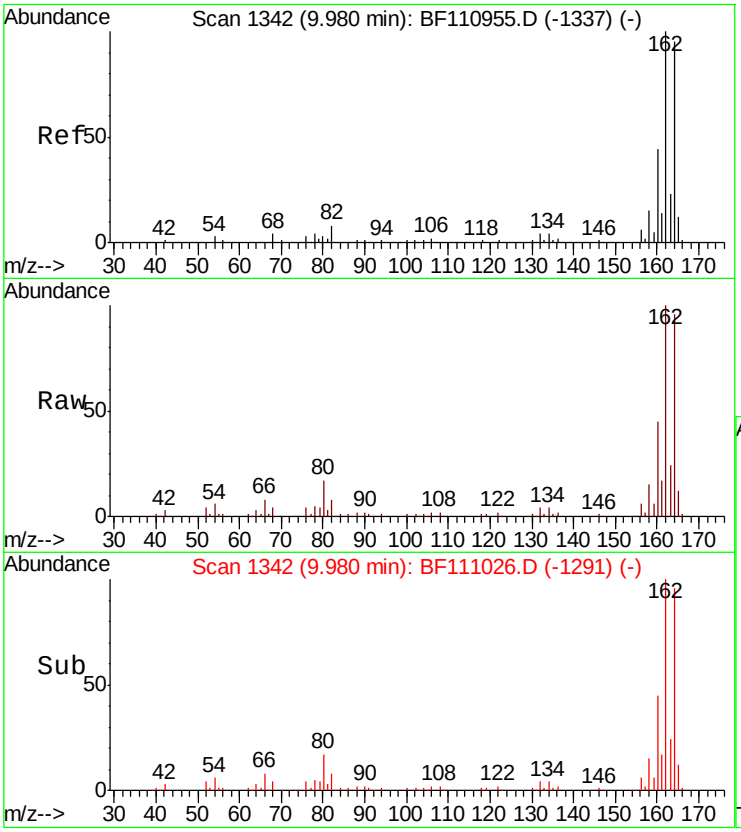


#33
4-Chloroaniline
Concen: 8.346 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.06 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:127 Resp: 32808

Ion	Ratio	Lower	Upper
127	100		
129	83.2	26.0	39.0#
65	0.0	25.1	37.7#
92	0.0	15.0	22.6#



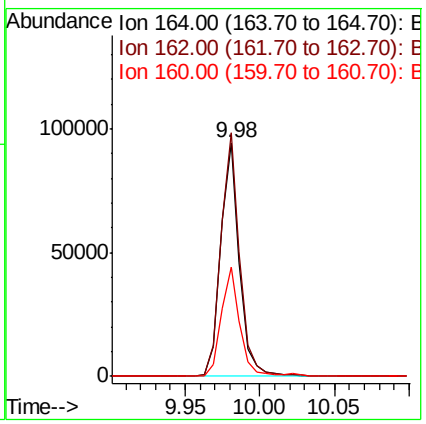


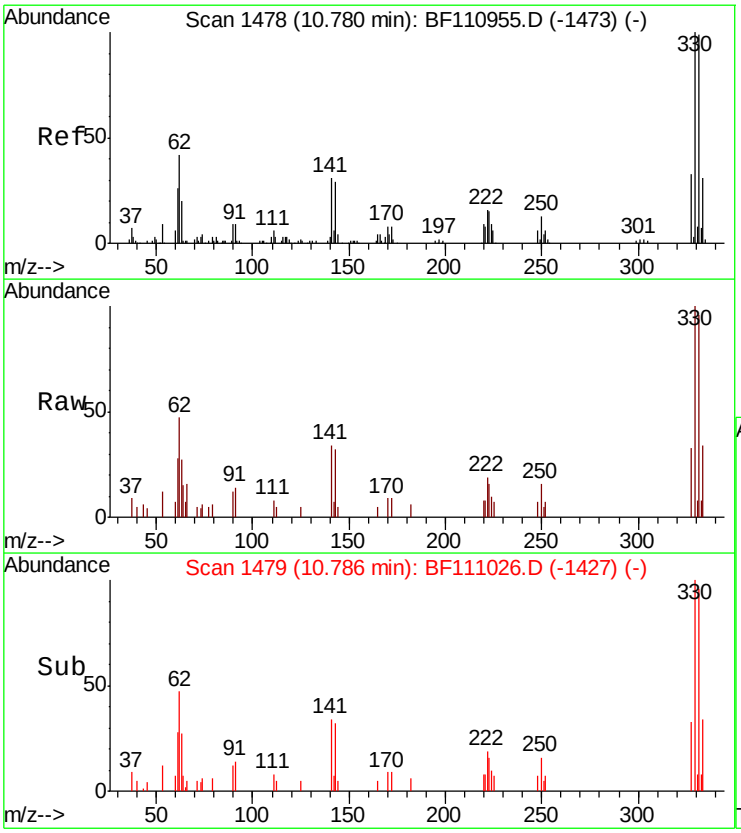
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 83592

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	46.8	37.0	55.6

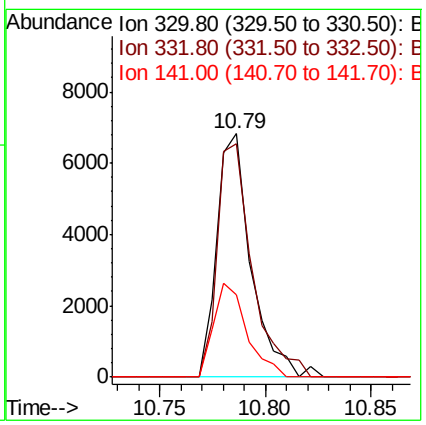


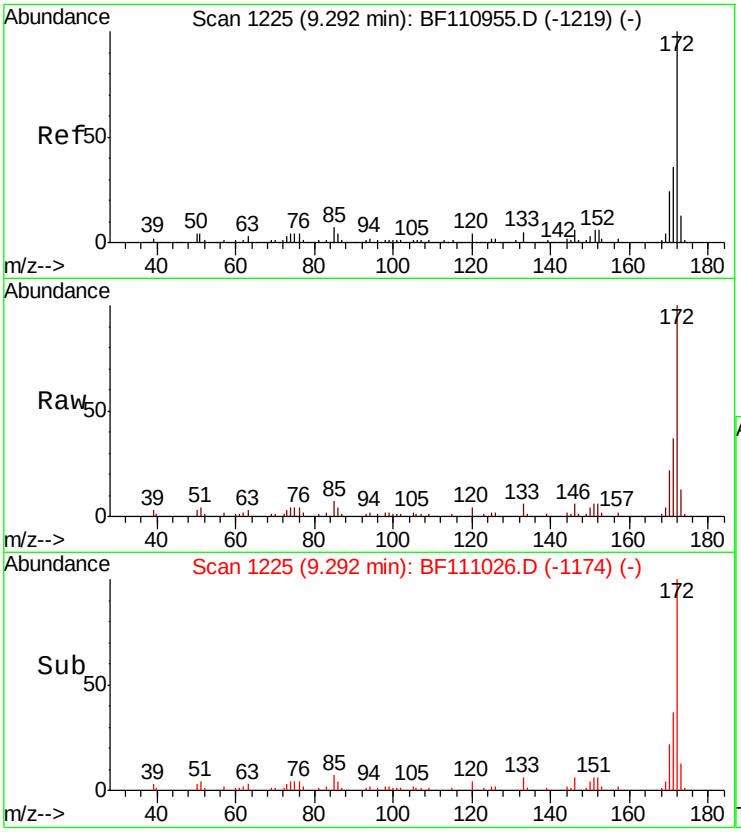


#42
2,4,6-Tribromophenol
Concen: 9.240 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:330 Resp: 7671

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	37.5	27.0	40.4



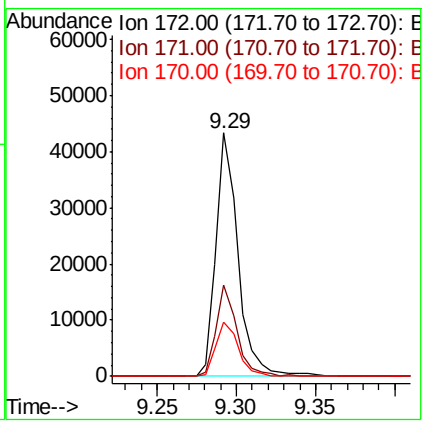


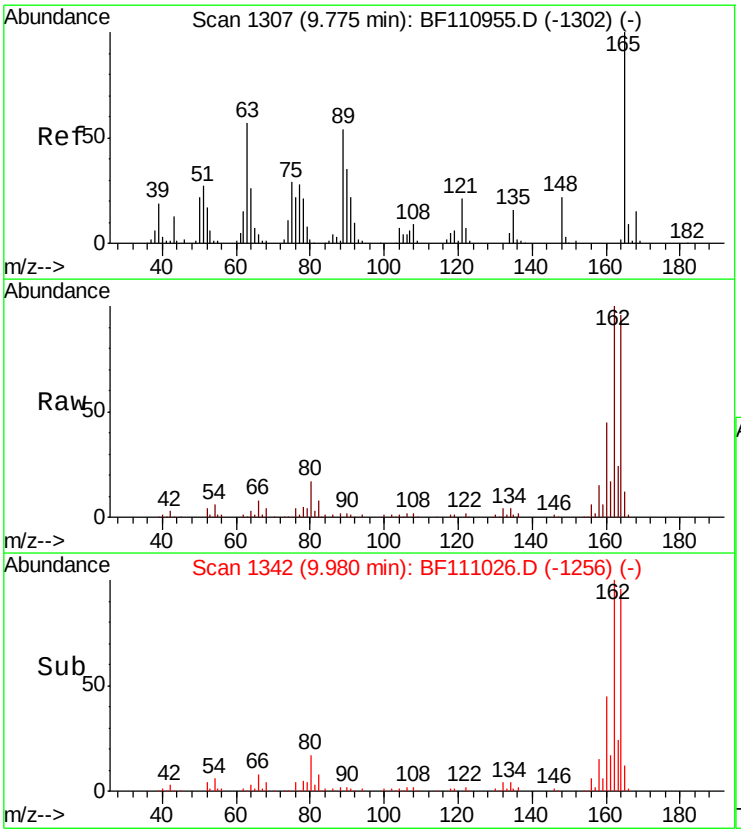
#45
2-Fluorobiphenyl
Concen: 7.245 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 41802

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	22.1	19.7	29.5

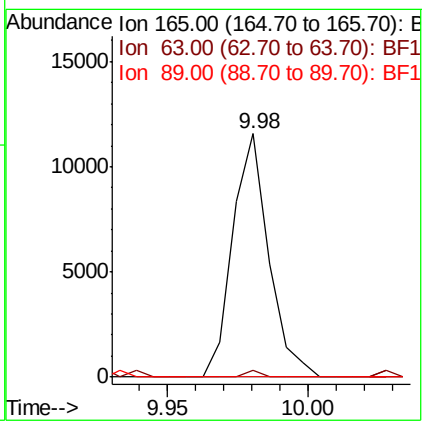


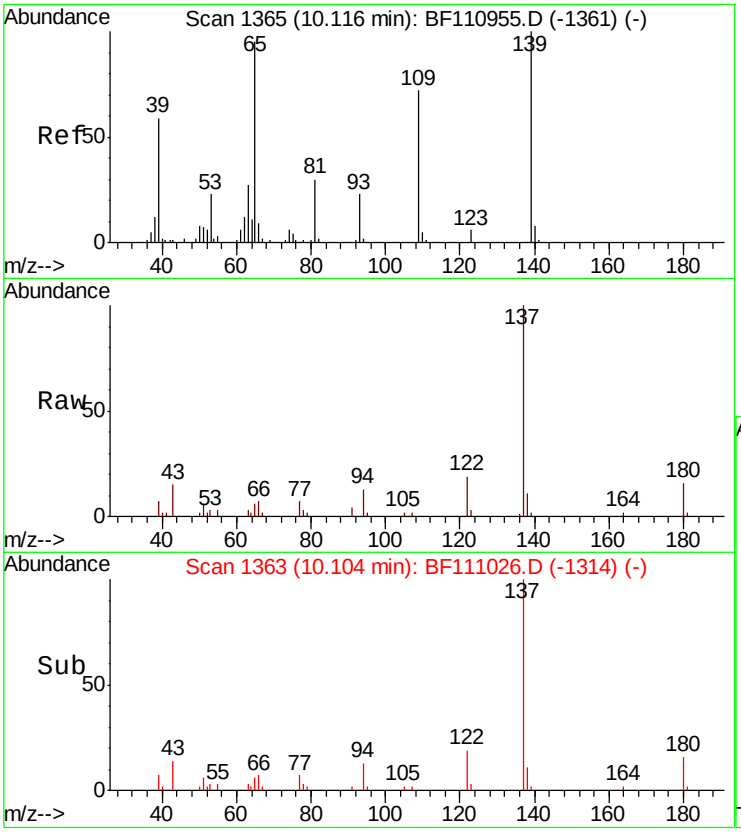


#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:165 Resp: 10265

Ion	Ratio	Lower	Upper
165	100		
63	2.6	48.9	73.3#
89	0.0	46.6	69.8#



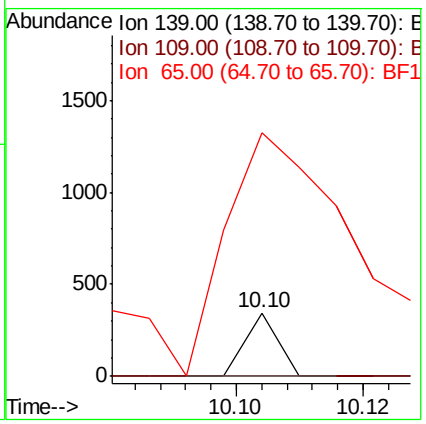


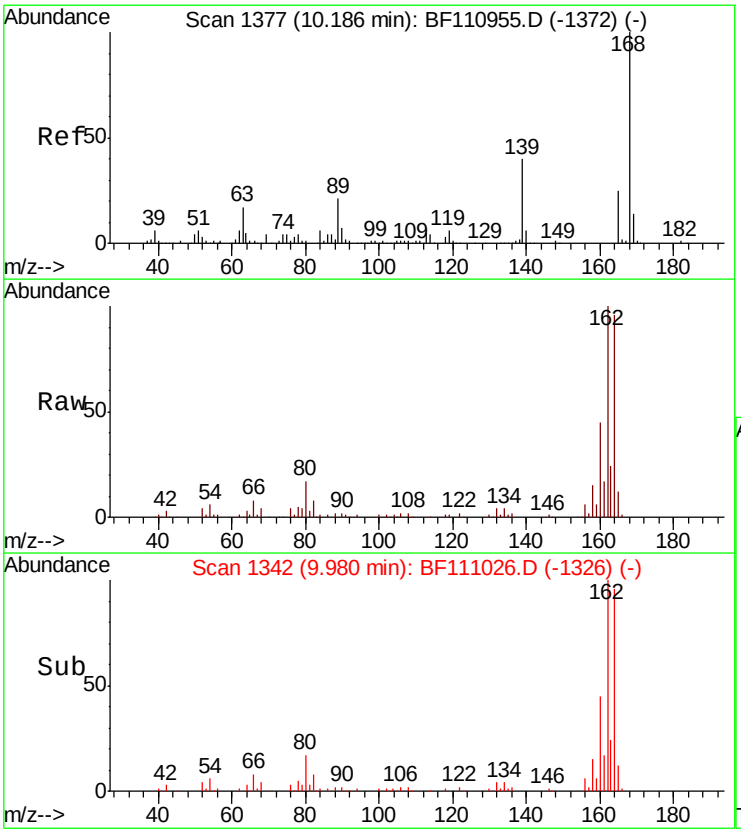
#56
4-Nitrophenol
Concen: 4.367 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 121

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	384.9	77.9	117.9#

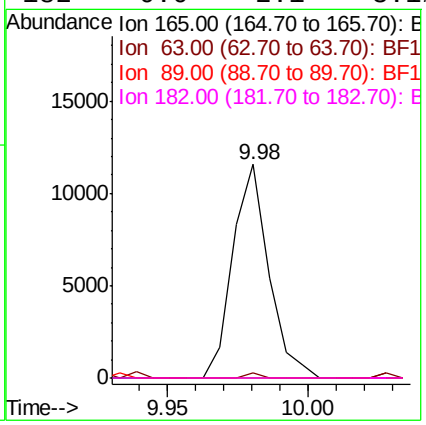


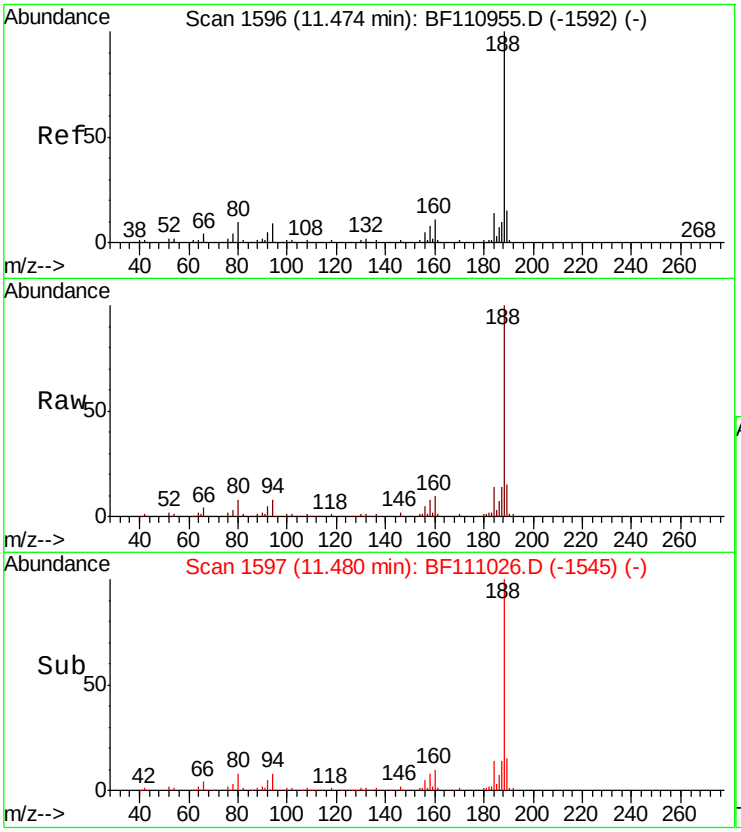


#57
2,4-Dinitrotoluene
Concen: 5.797 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:165 Resp: 10265

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



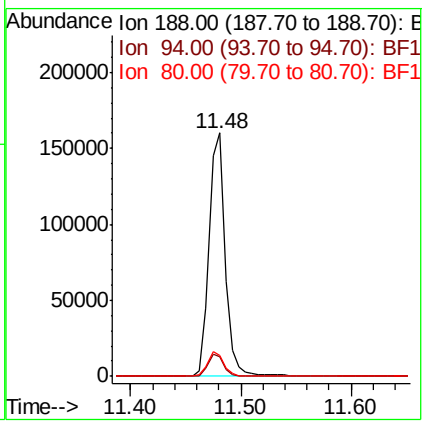


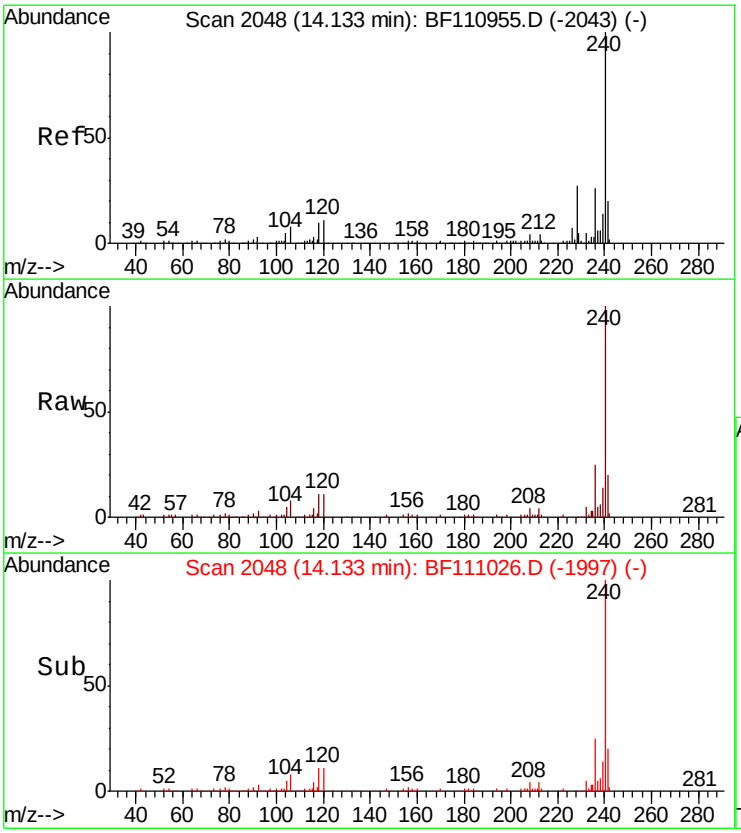
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 159759

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.5	7.9	11.9

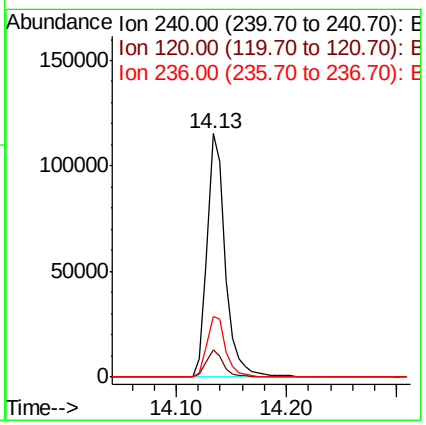


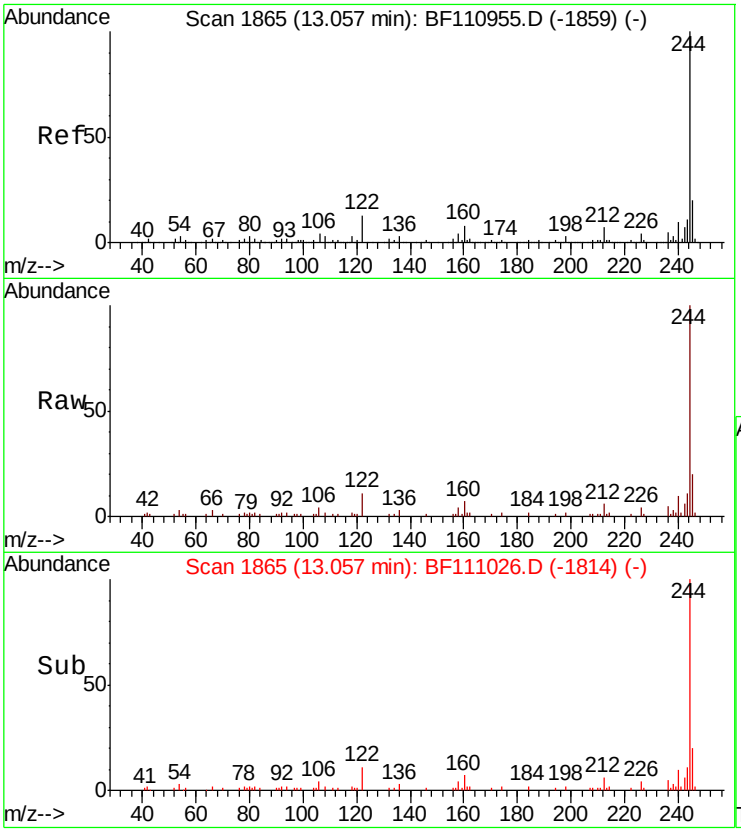


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:240 Resp: 129059

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	24.8	21.2	31.8



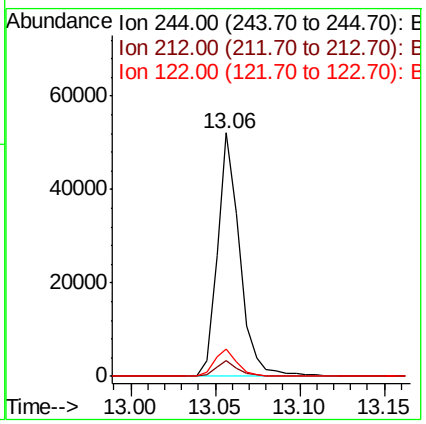


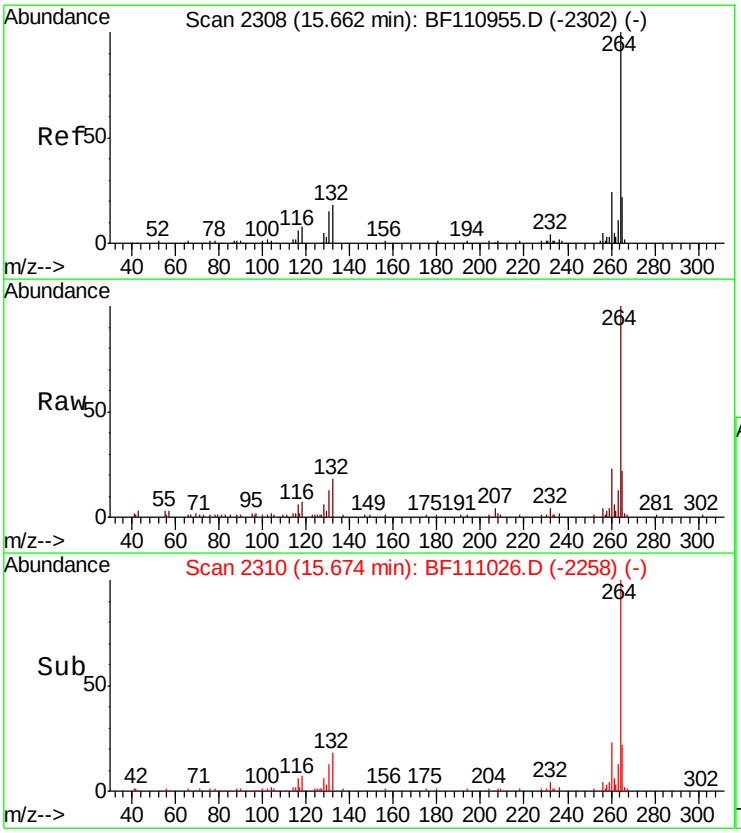
#79
Terphenyl-d14
Concen: 7.206 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 47773

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:264 Resp: 82037

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.0	16.7	25.1