Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
Data File : BF107350.D
Acq On : 12 Jul 2018 20:14
Operator : JU/SJ
Sample : J3926-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-BAG

Quant Time: Jul 13 02:37:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	69722	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	248997	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	111745	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	204023	20.00	ng		0.00
75) Chrysene-d12	14.14	240	203053	20.00	ng		0.00
86) Perylene-d12	15.67	264	144841	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	500209	121.48	ng		0.01
7) Phenol-d6	6.58	99	614080	119.43	ng		0.00
23) Nitrobenzene-d5	7.50	82	384690	85.86	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	163187	126.00	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	653467	101.92	ng		0.00
78) Terphenyl-d14	13.07	244	738270	88.07	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.71	77	10327	2.385	ng		89
10) Phenol	6.60	94	37977	6.472	ng		99
19) n-Nitroso-di-n-propylamine	7.50	70	50269	14.831	ng	#	72
25) Isophorone	7.50	82	384690	48.724	ng	#	64
49) Dimethylphthalate	9.68	163	156429	18.665	ng		98
56) 2,4-Dinitrotoluene	9.98	165	14166	6.115	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	9843	4.042	ng	#	1

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

Quantitation Report (Not Reviewed)

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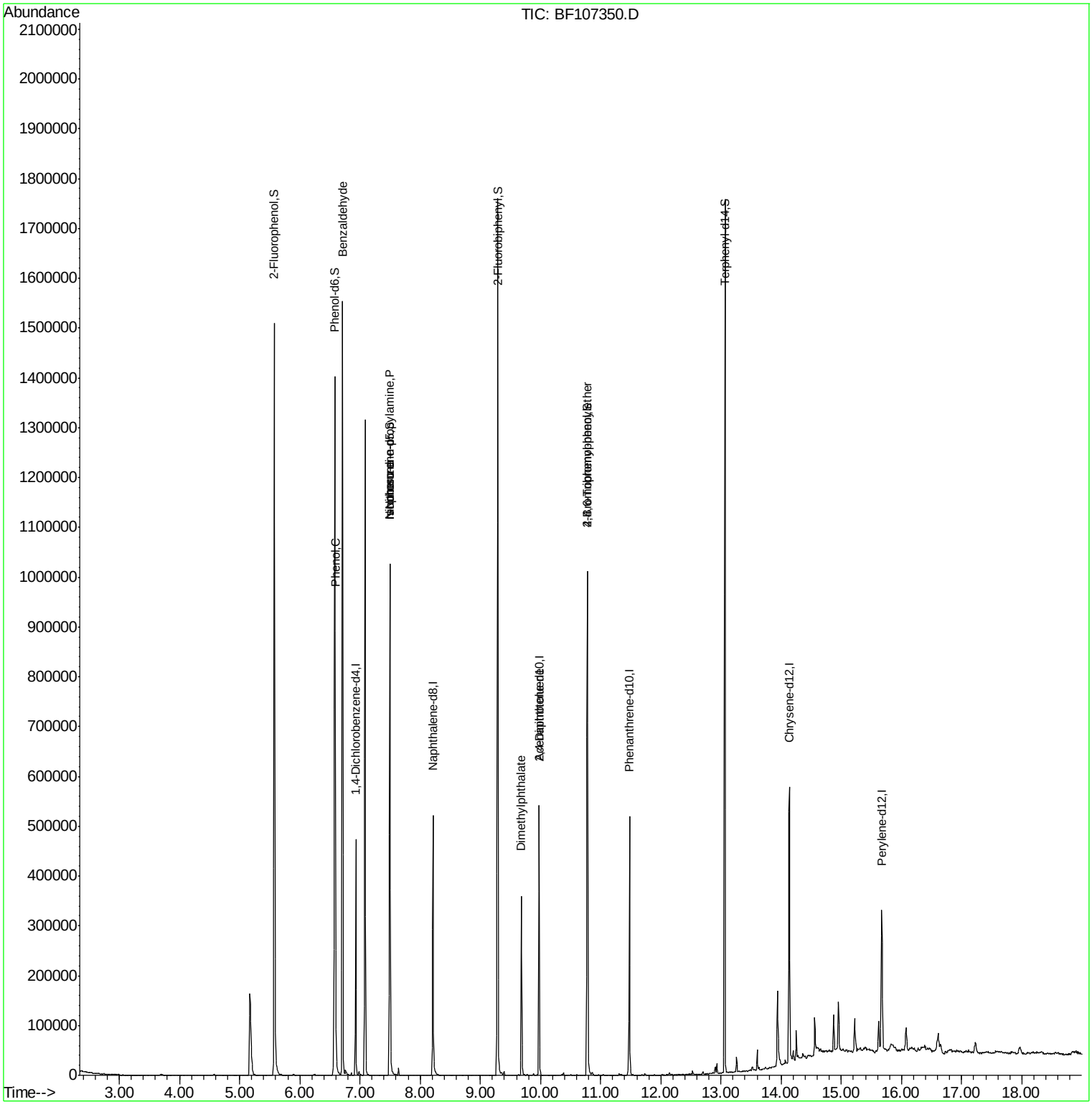
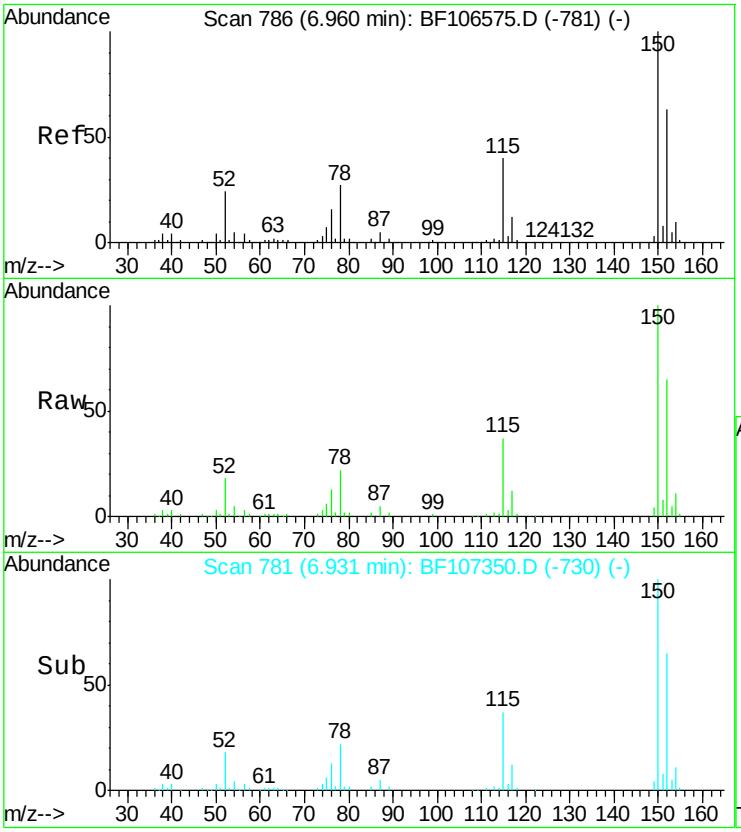


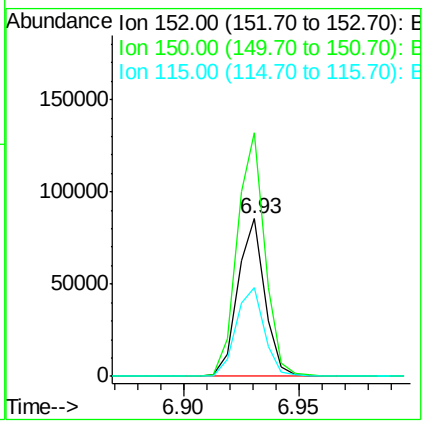


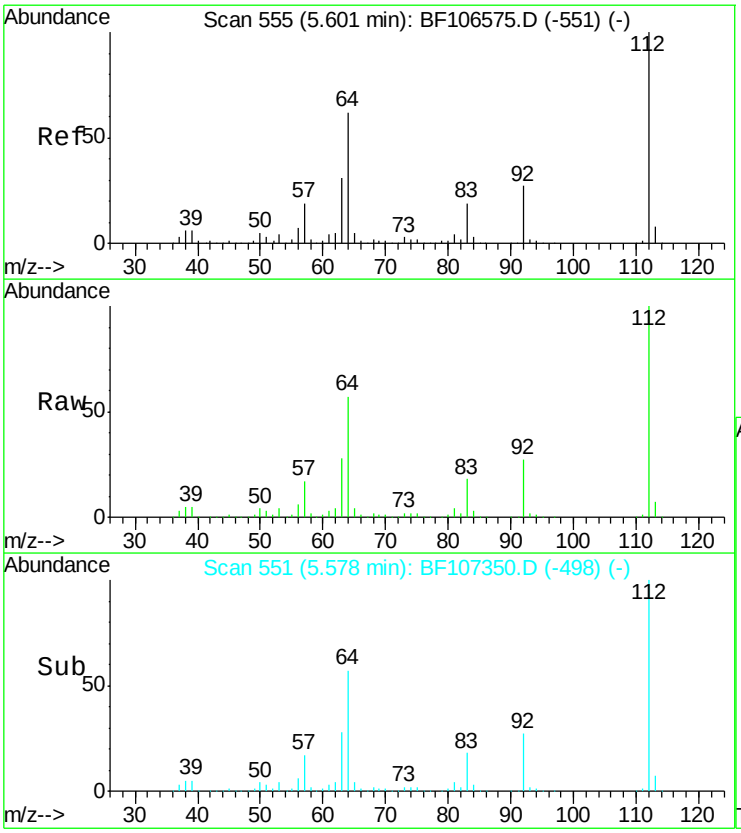
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:152 Resp: 69722

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	56.5	50.1	75.1

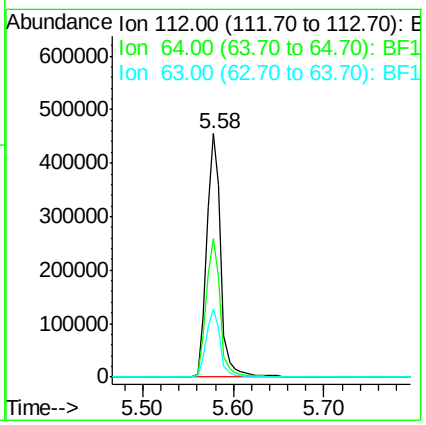


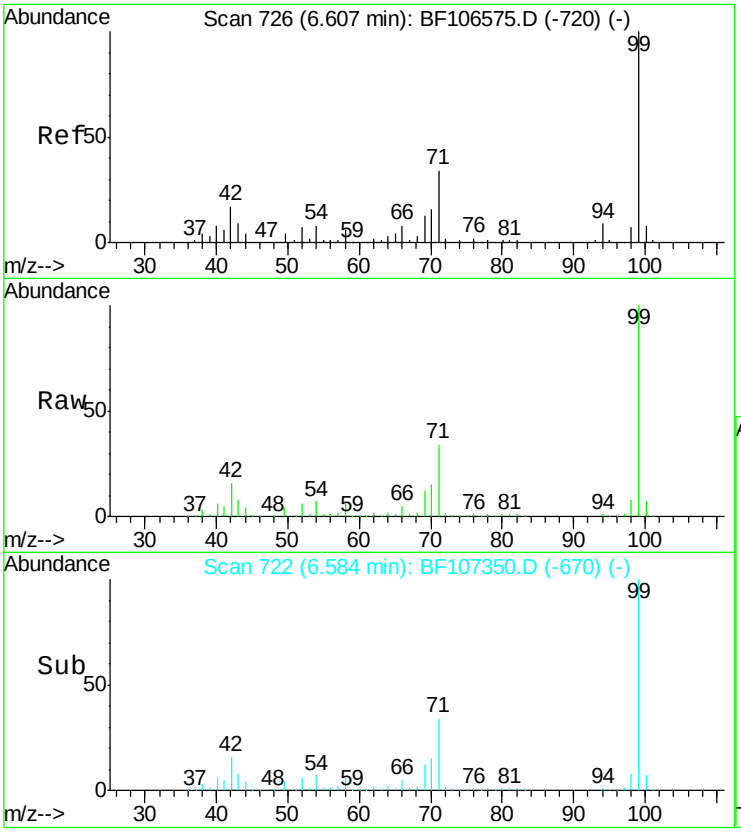


#5
2-Fluorophenol
Concen: 121.484 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:112 Resp: 500209

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.2	23.7	35.5



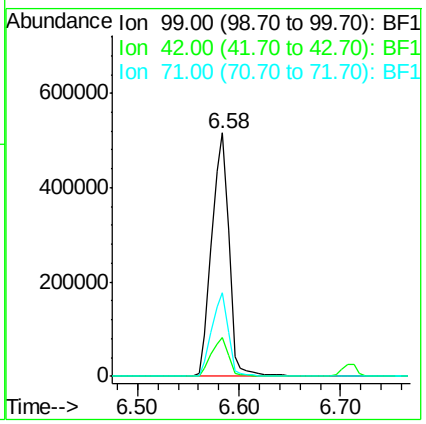


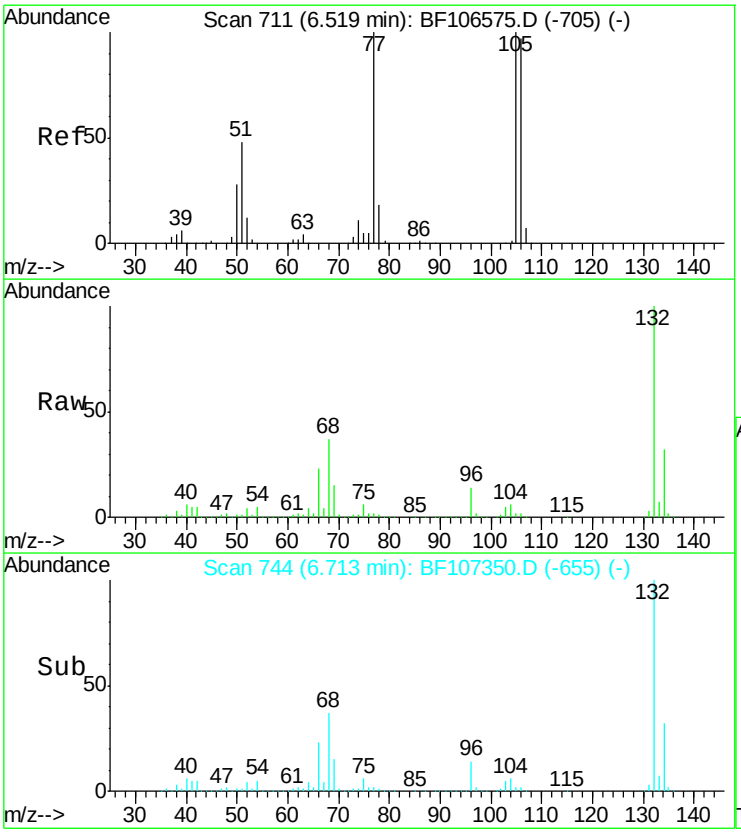
#7
Phenol-d6
Concen: 119.426 ng
RT: 6.58 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion: 99 Resp: 614080

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	34.5	25.4	38.0

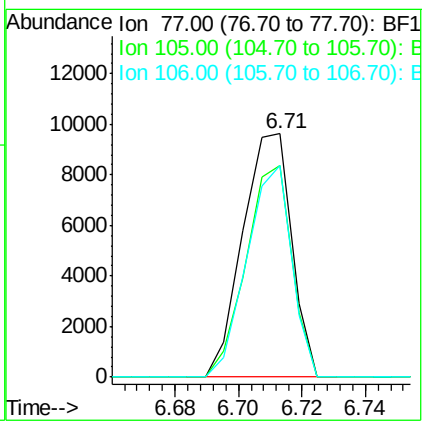


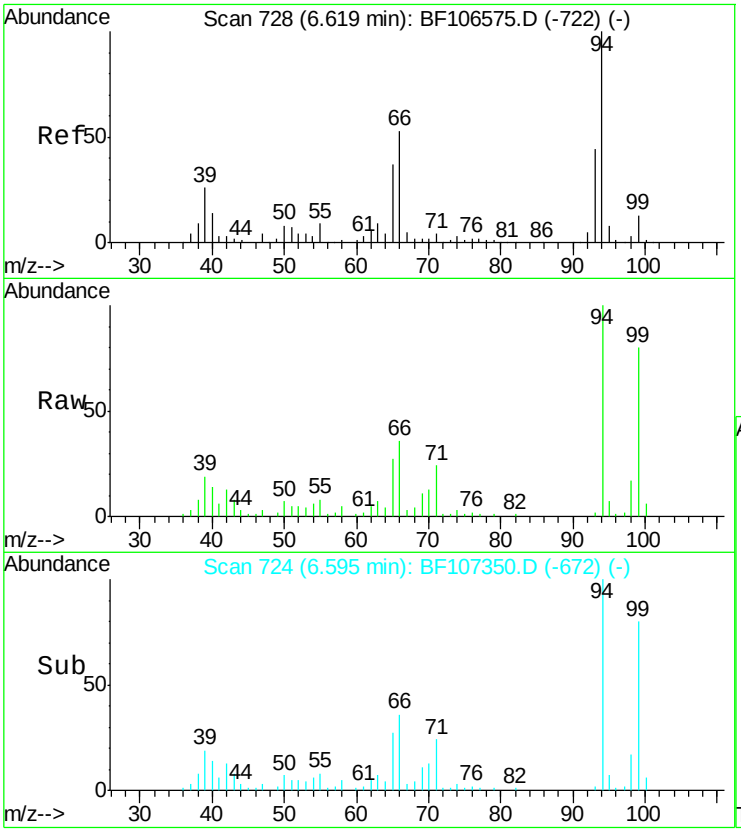


#9
Benzaldehyde
Concen: 2.385 ng
RT: 6.71 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion: 77 Resp: 10327

Ion	Ratio	Lower	Upper
77	100		
105	87.2	81.1	121.1
106	87.0	74.5	114.5



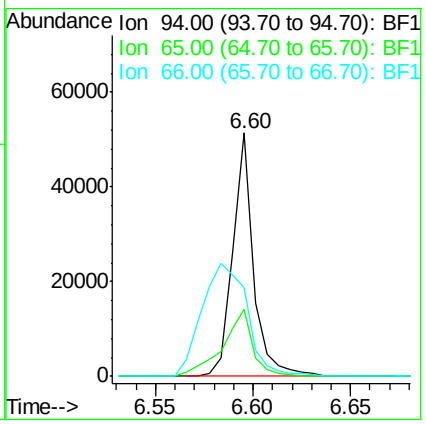


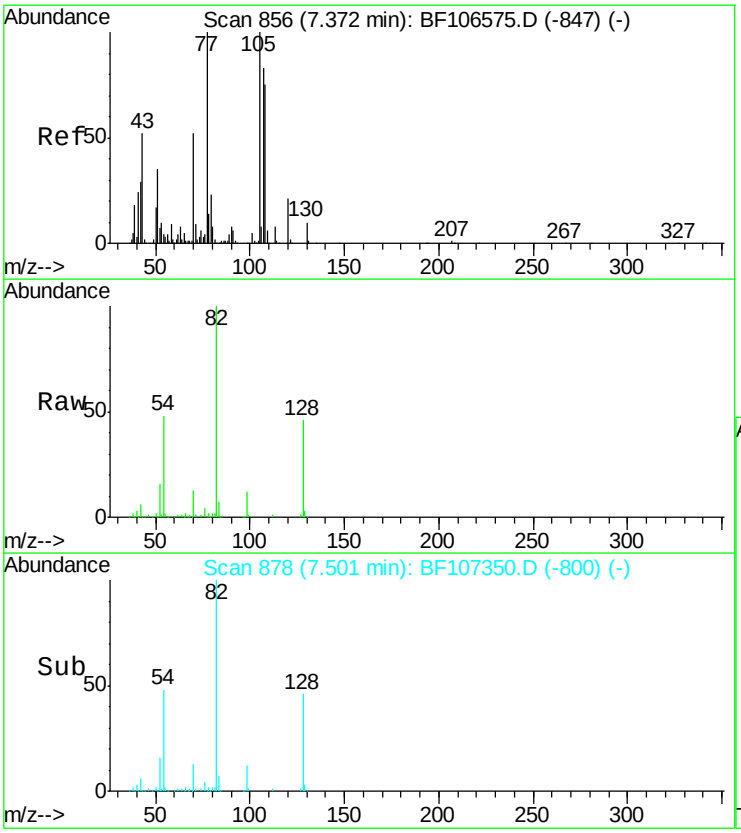
#10
Phenol
Concen: 6.472 ng
RT: 6.60 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion: 94 Resp: 37977

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	36.4	16.2	56.2

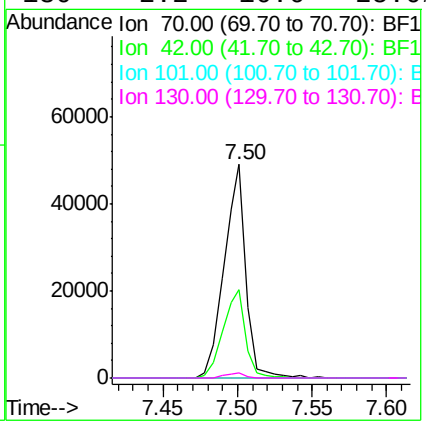


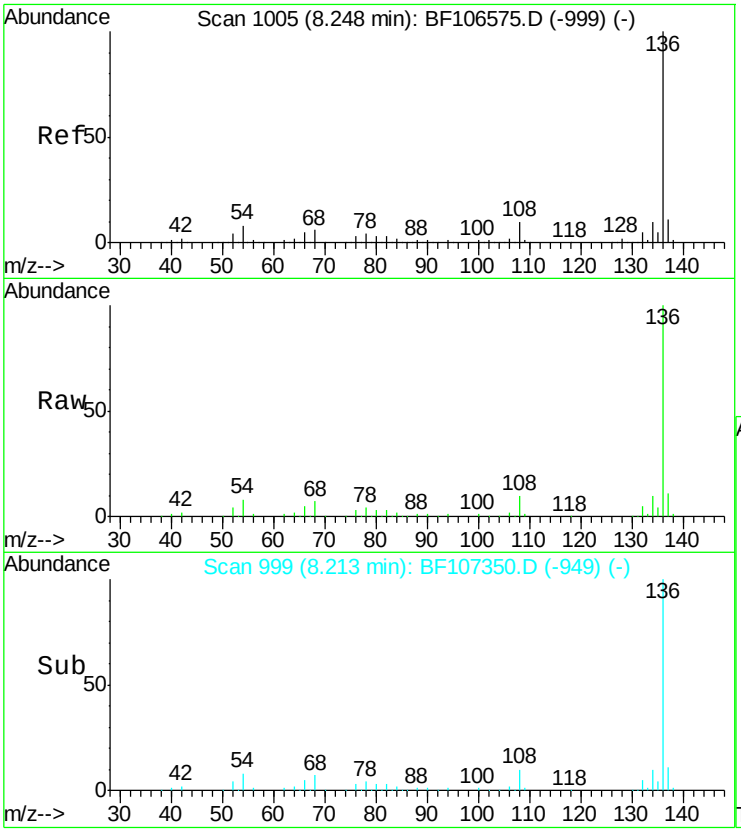


#19
n-Nitroso-di-n-propylamine
Concen: 14.831 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.16 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion: 70 Resp: 50269

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



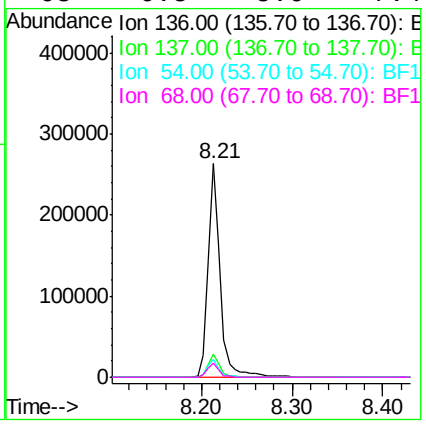


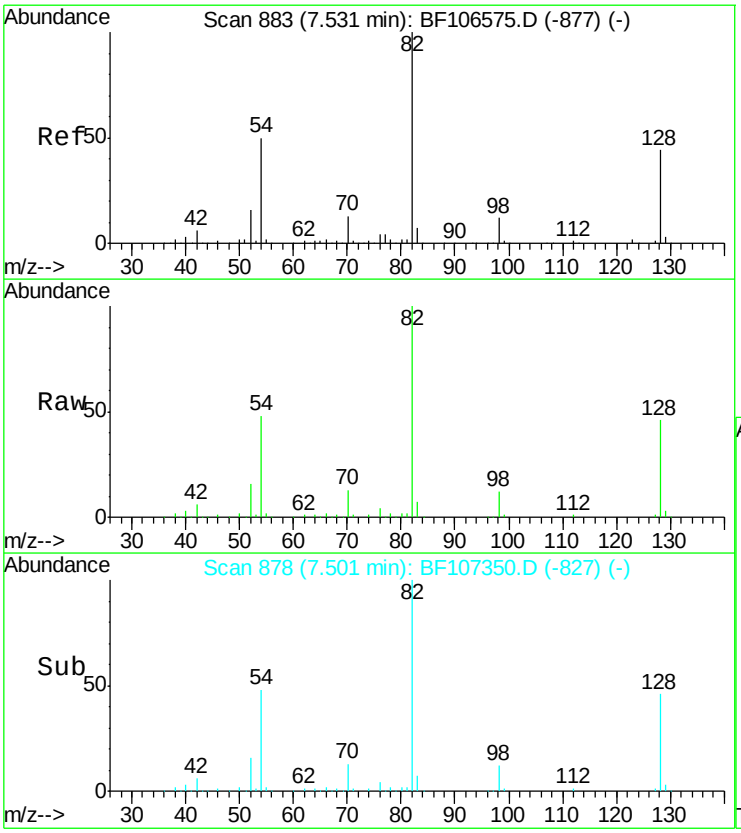
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:136 Resp: 248997

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

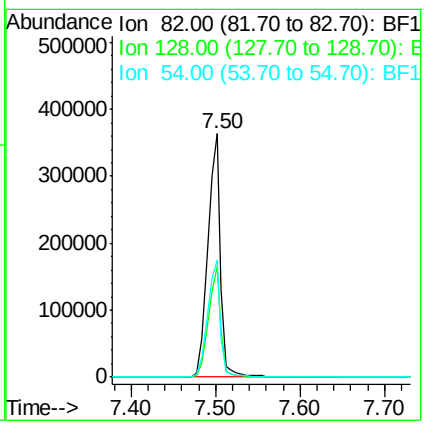


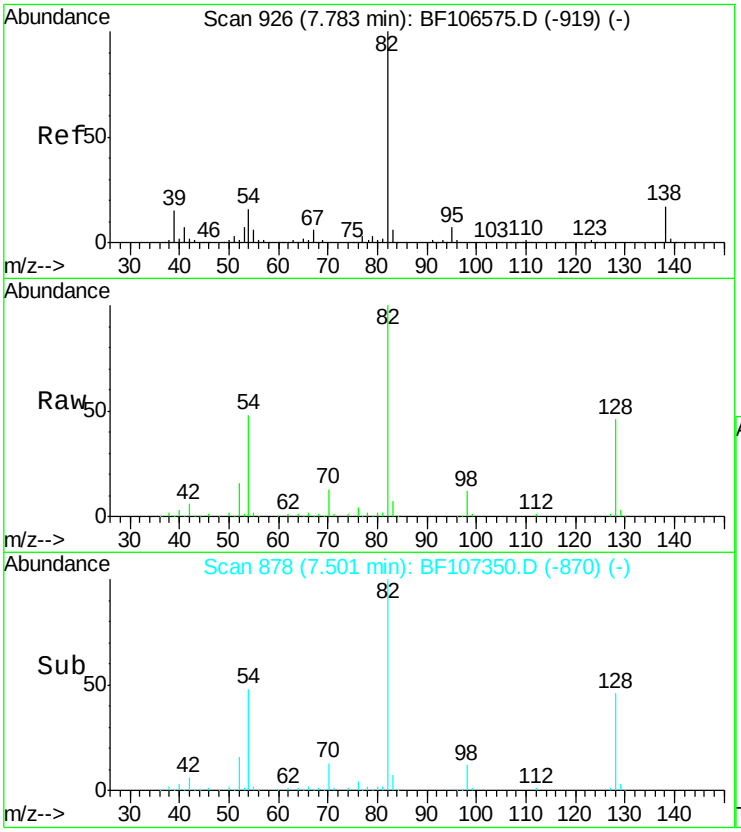


#23
Nitrobenzene-d5
Concen: 85.859 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion: 82 Resp: 384690

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	48.1	41.4	62.2



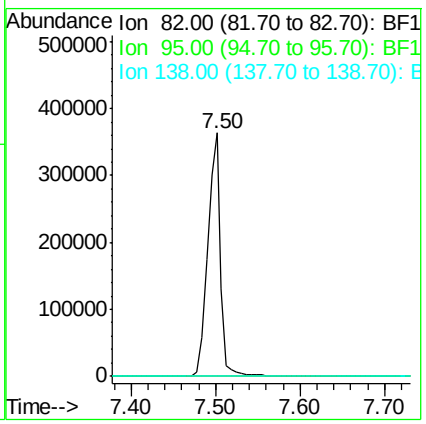


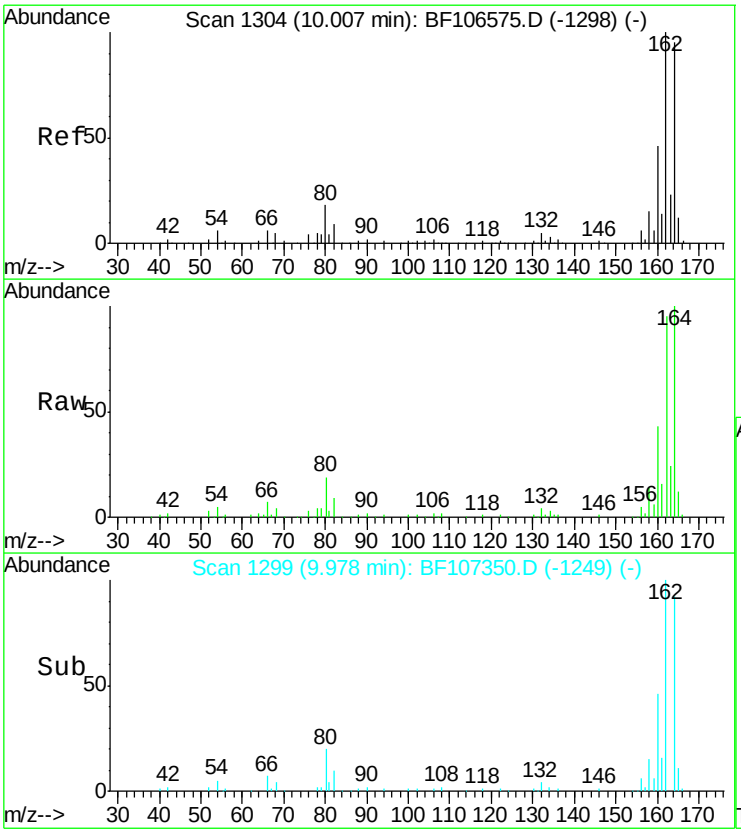
#25
Isophorone
Concen: 48.724 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.25 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion: 82 Resp: 384690

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

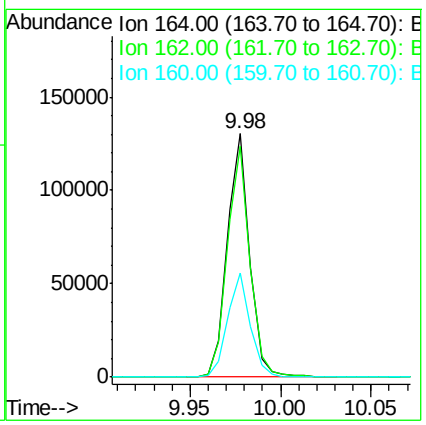


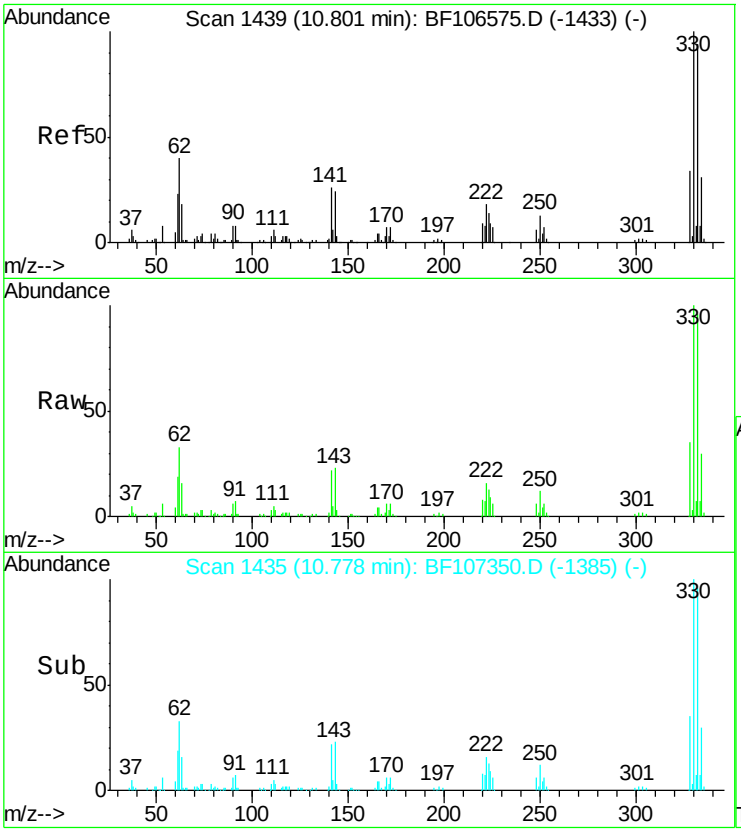


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:164 Resp: 111745

Ion	Ratio	Lower	Upper
164	100		
162	94.6	86.1	129.1
160	42.7	38.3	57.5



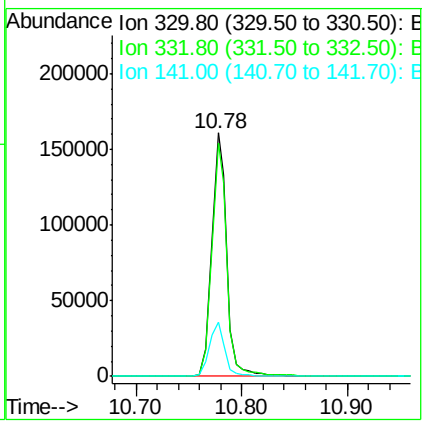


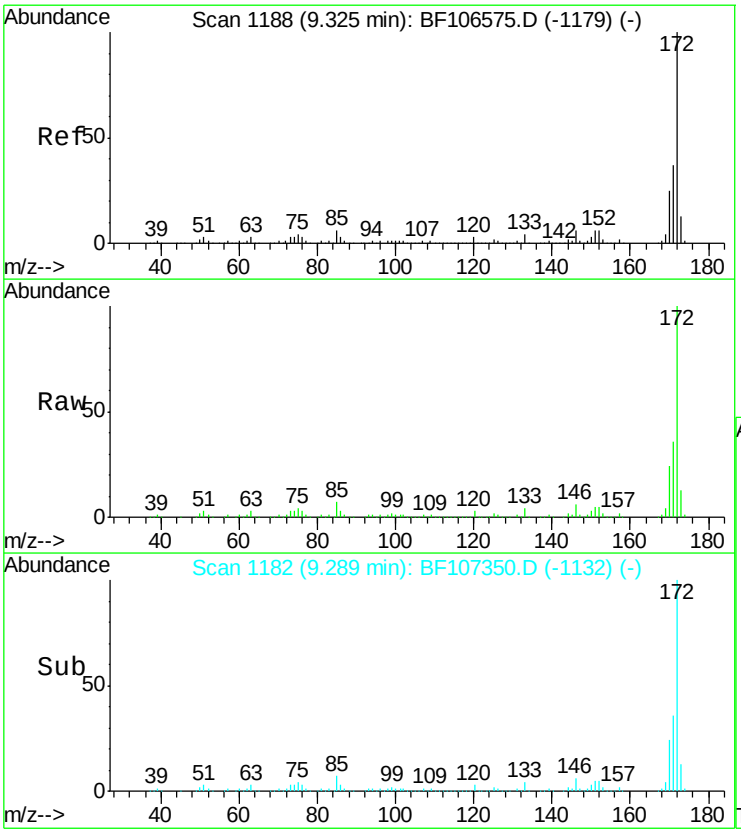
#41
2,4,6-Tribromophenol
Concen: 125.998 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:330 Resp: 163187

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	22.5	29.9	44.9#

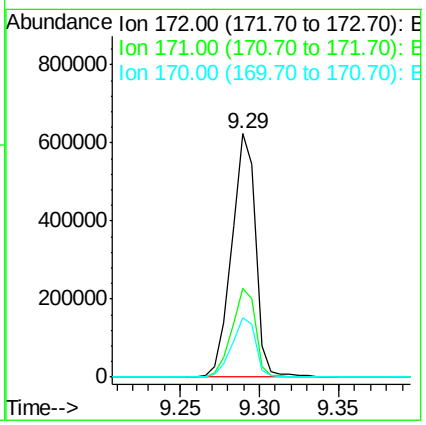


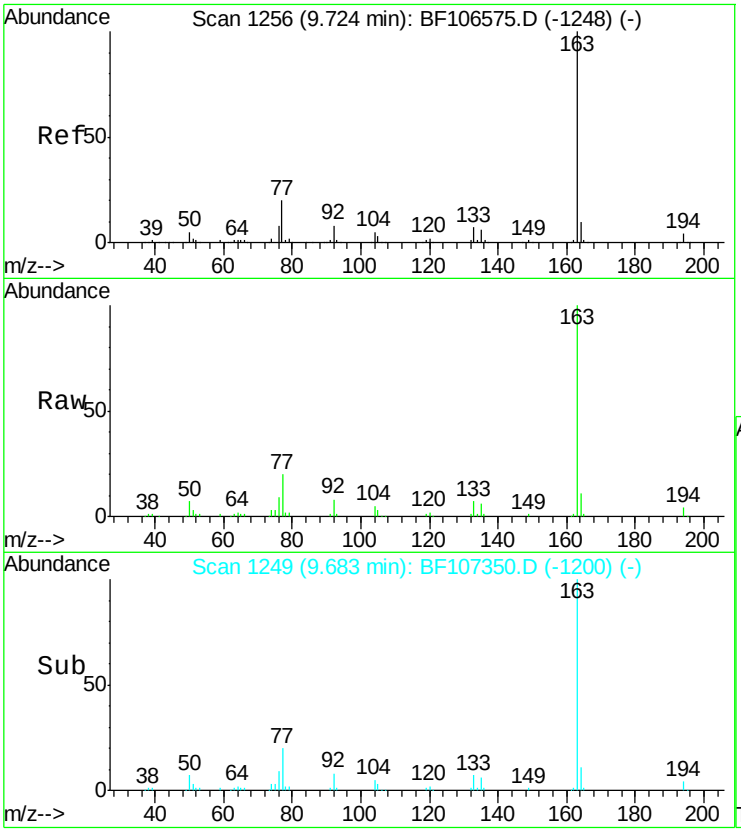


#44
2-Fluorobiphenyl
Concen: 101.918 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:172 Resp: 653467

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4



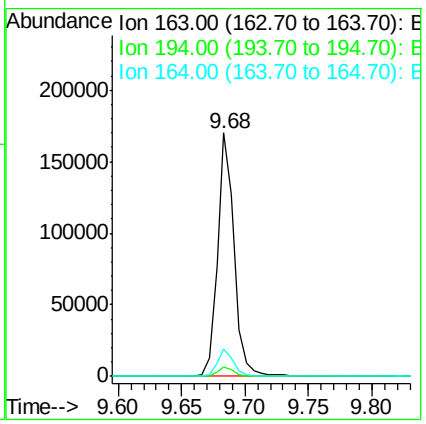


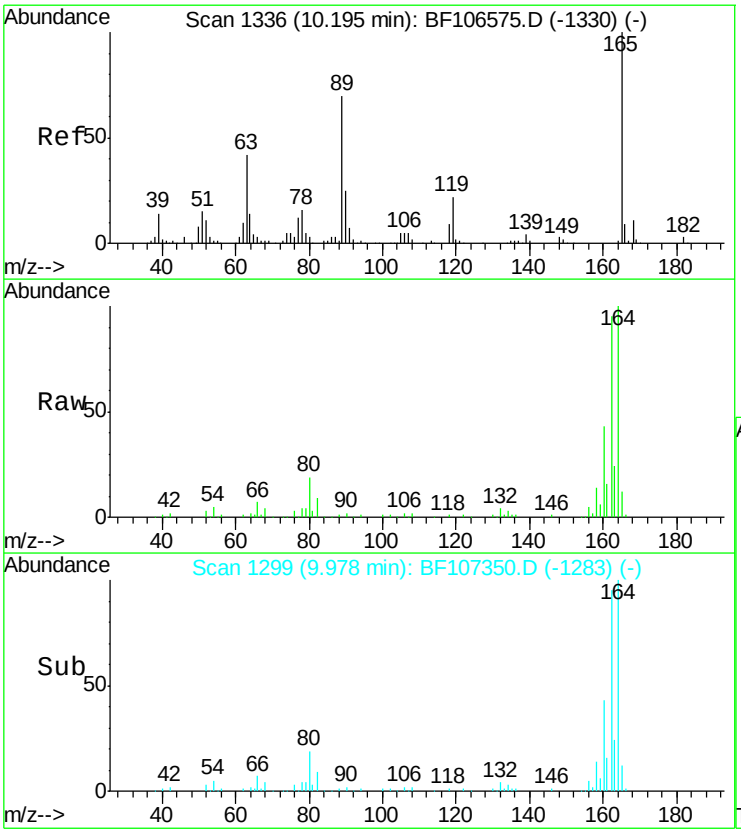
#49
Dimethylphthalate
Concen: 18.665 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:163 Resp: 156429

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.0	8.2	12.2

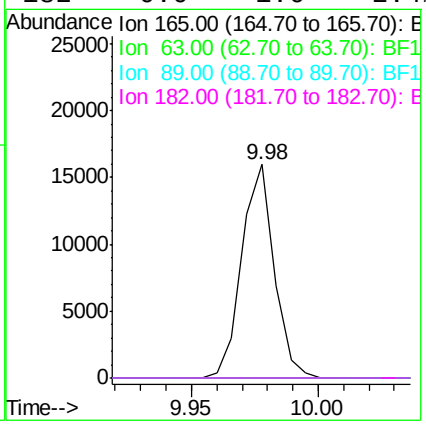


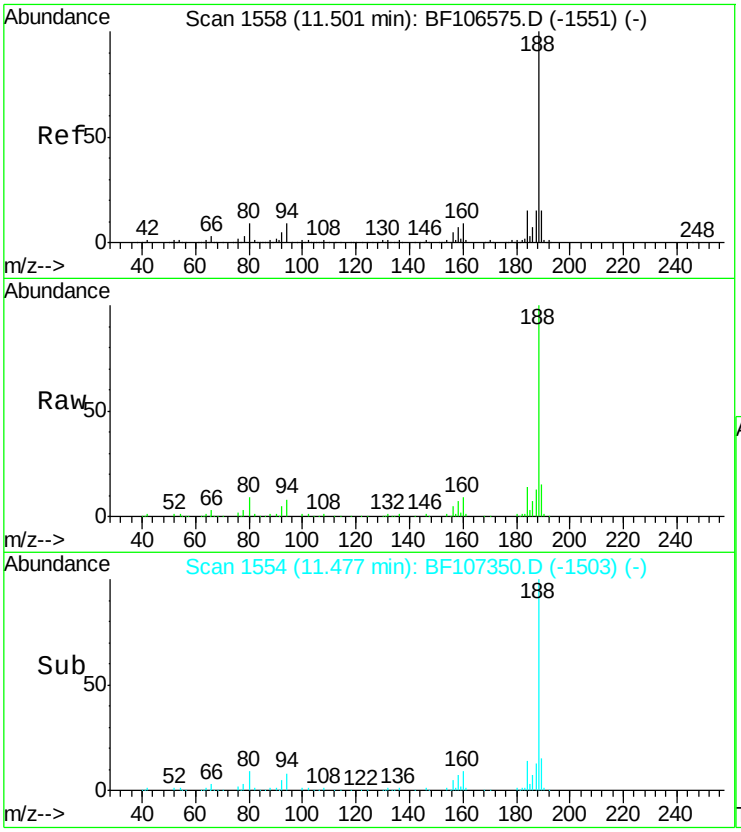


#56
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:165 Resp: 14166

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



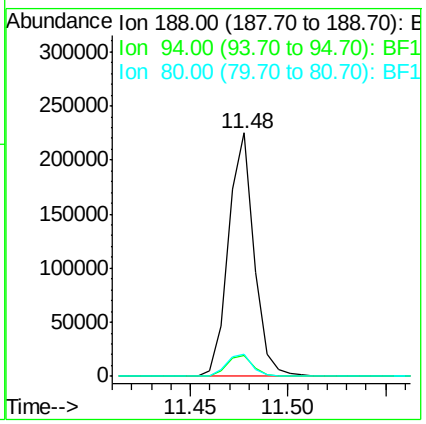


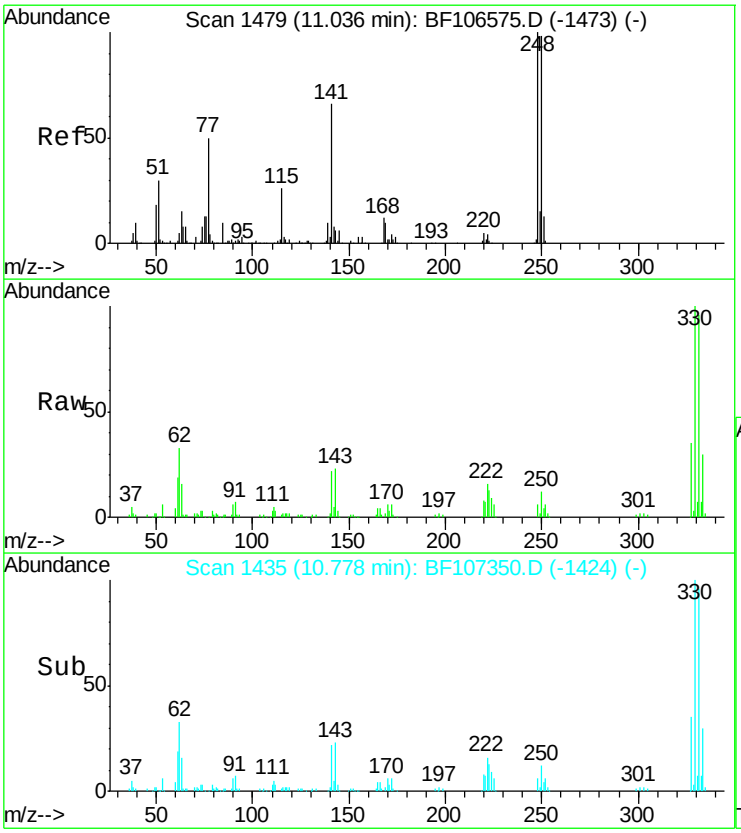
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:188 Resp: 204023

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.2	9.2	13.8

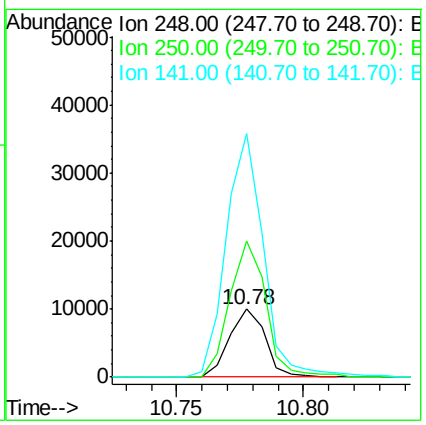


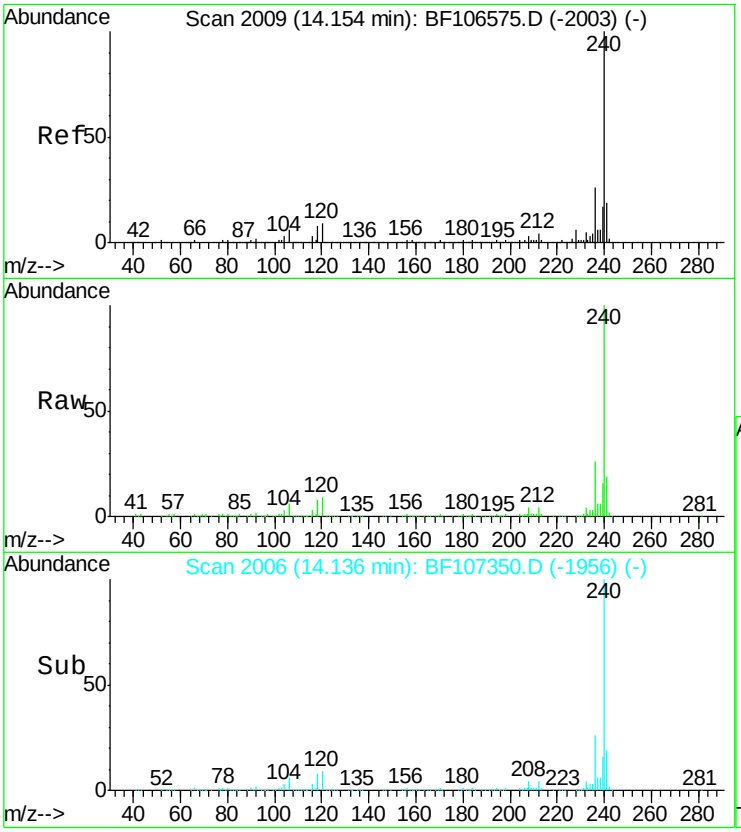


#66
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:248 Resp: 9843

Ion	Ratio	Lower	Upper
248	100		
250	200.9	76.9	115.3#
141	357.9	74.4	111.6#



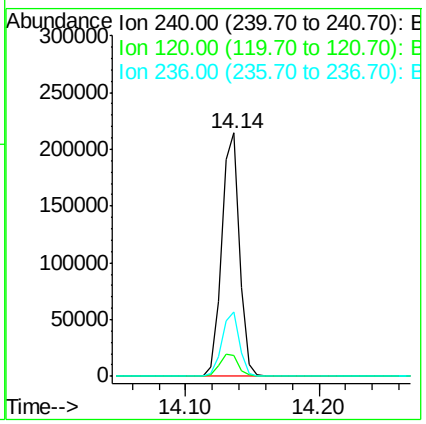


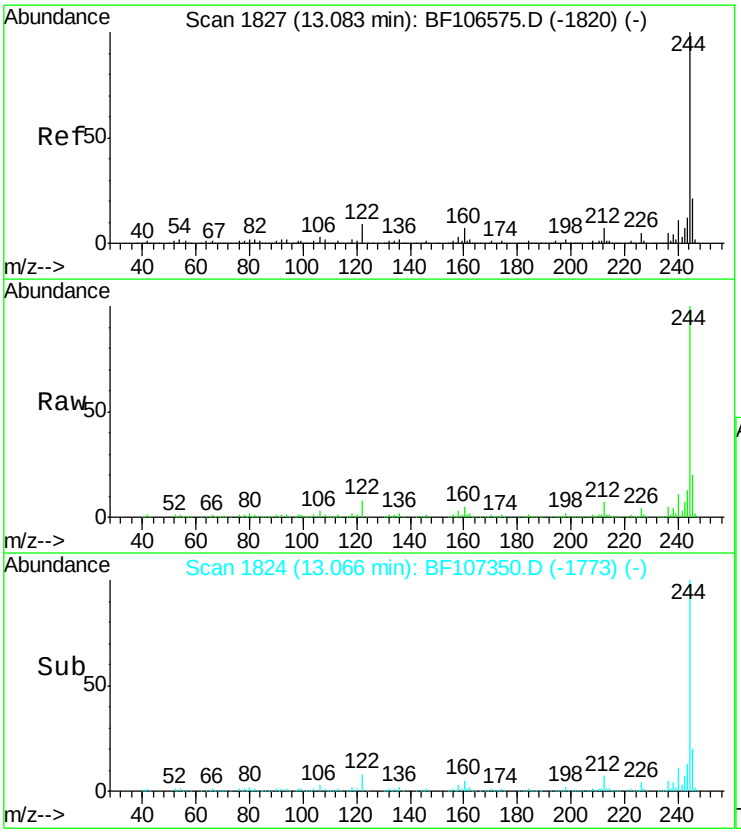
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:240 Resp: 203053

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.3	20.7	31.1

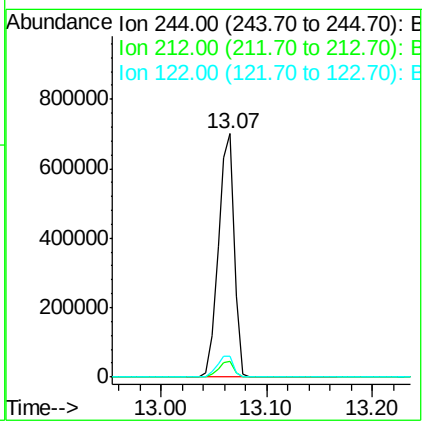


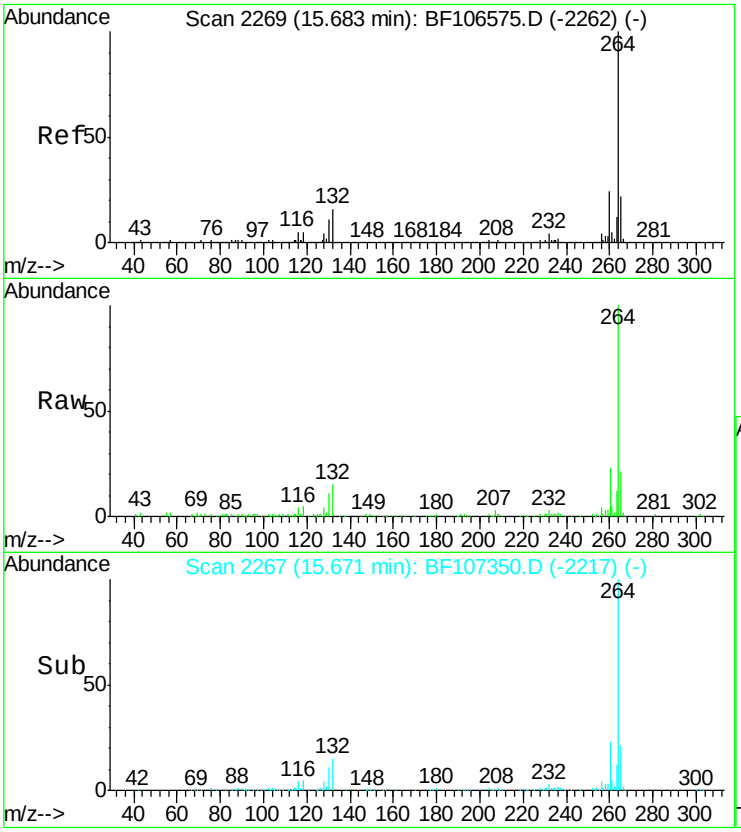


#78
Terphenyl-d14
Concen: 88.071 ng
RT: 13.07 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Tgt Ion:244 Resp: 738270

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107350.D
Acq: 12 Jul 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TRAP-BAG

Tgt Ion:264 Resp: 144841

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.3	17.5	26.3