Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
Data File : BF106667.D
Acq On : 21 Jun 2018 18:13
Operator : JU/SJ
Sample : J3584-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Time: Jun 21 18:45:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 21 16:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63982	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	247674	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	130501	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	278399	20.00	ng		0.00
75) Chrysene-d12	14.15	240	250012	20.00	ng		0.00
86) Perylene-d12	15.69	264	208937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	461521	122.14	ng		0.02
7) Phenol-d6	6.61	99	526166	111.51	ng		0.00
23) Nitrobenzene-d5	7.52	82	446329	100.15	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	249962	165.26	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	787583	105.75	ng		0.00
78) Terphenyl-d14	13.08	244	1053451	102.07	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	11515	2.887	ng		84
19) n-Nitroso-di-n-propylamine	7.52	70	58741	18.886	ng	#	72
25) Isophorone	7.52	82	446325	56.833	ng	#	64
32) Benzoic acid	7.98	122	111	5.772	ng	#	58
50) 2,6-Dinitrotoluene	10.00	165	16502	7.962	ng	#	25
56) 2,4-Dinitrotoluene	10.00	165	16502	6.100	ng	#	22
66) 4-Bromophenyl-phenylether	10.80	248	15251	4.590	ng	#	1

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

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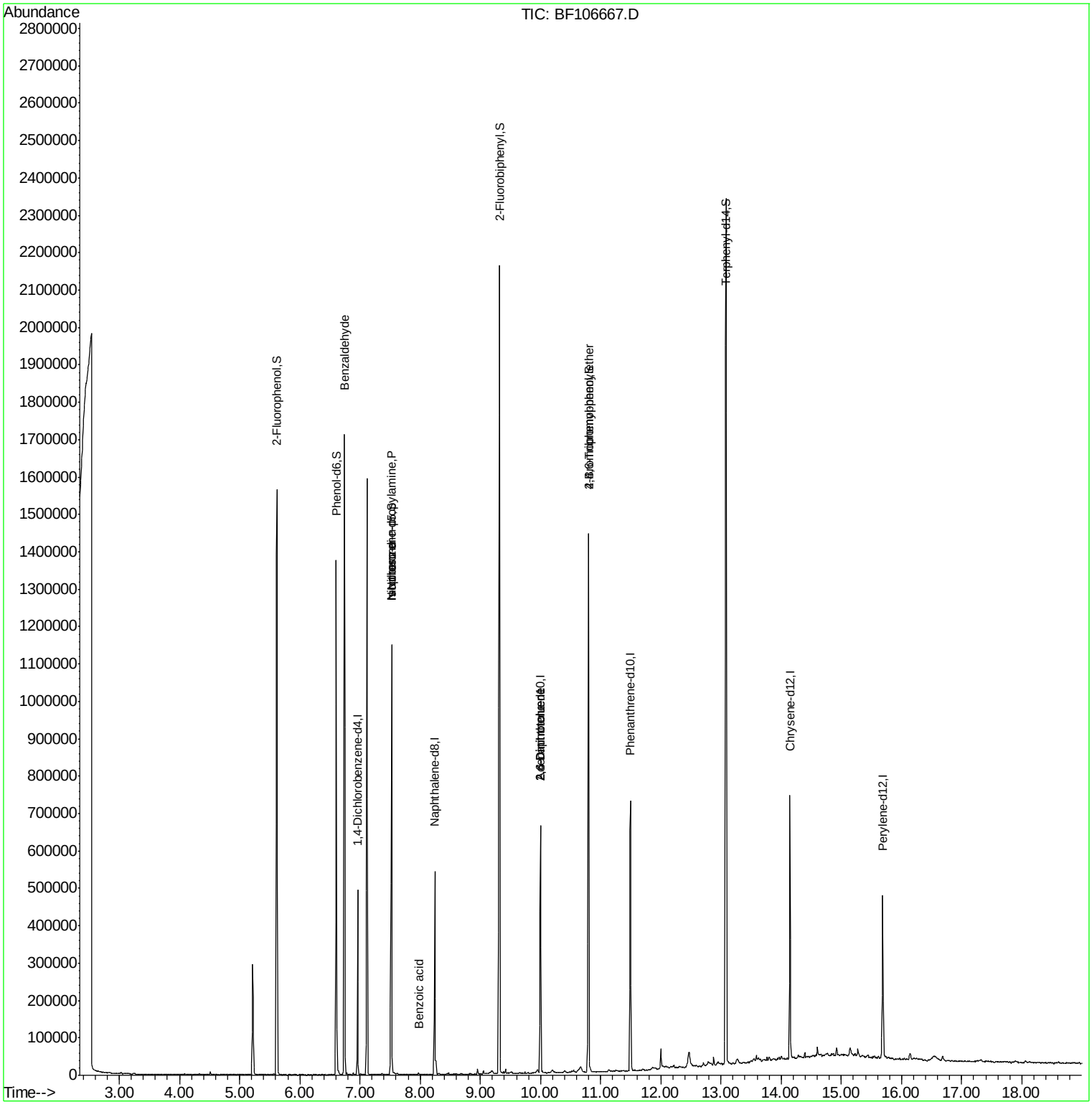
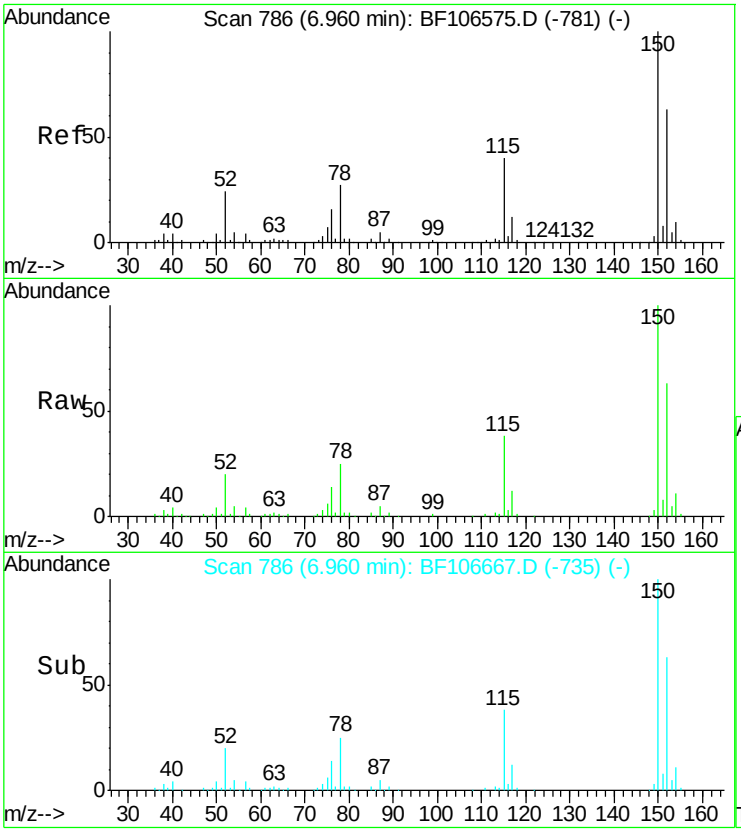


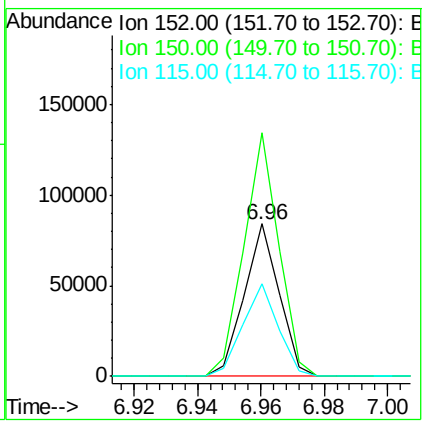


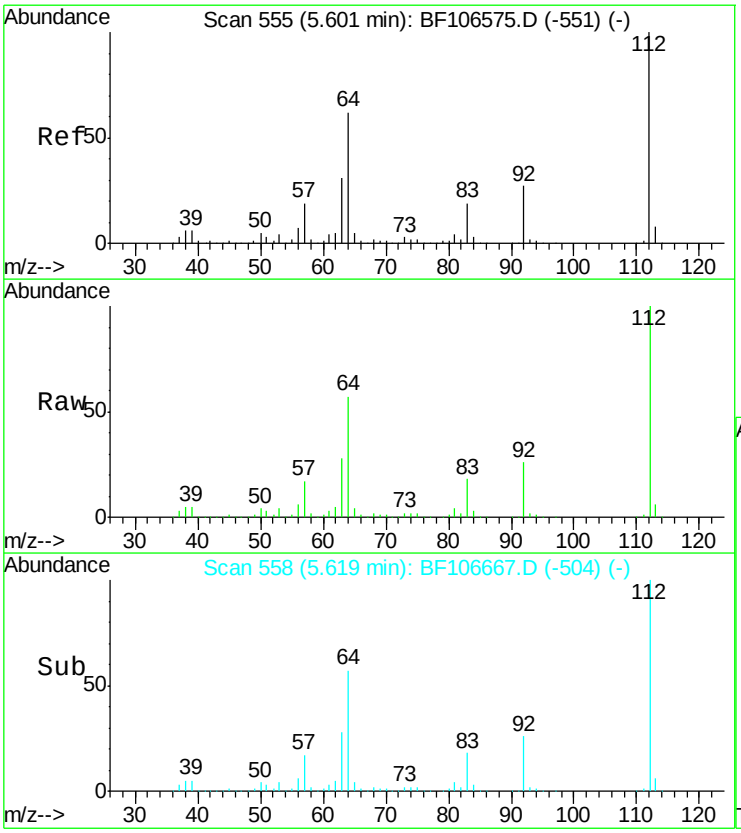
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:152 Resp: 63982

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	61.0	50.1	75.1

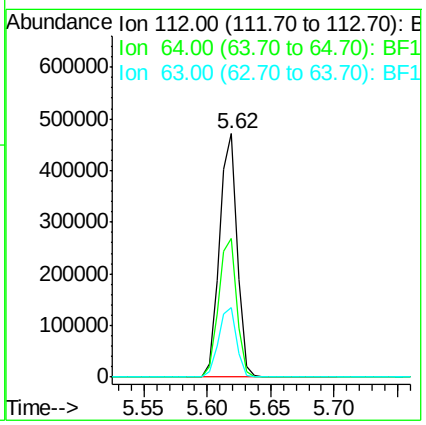


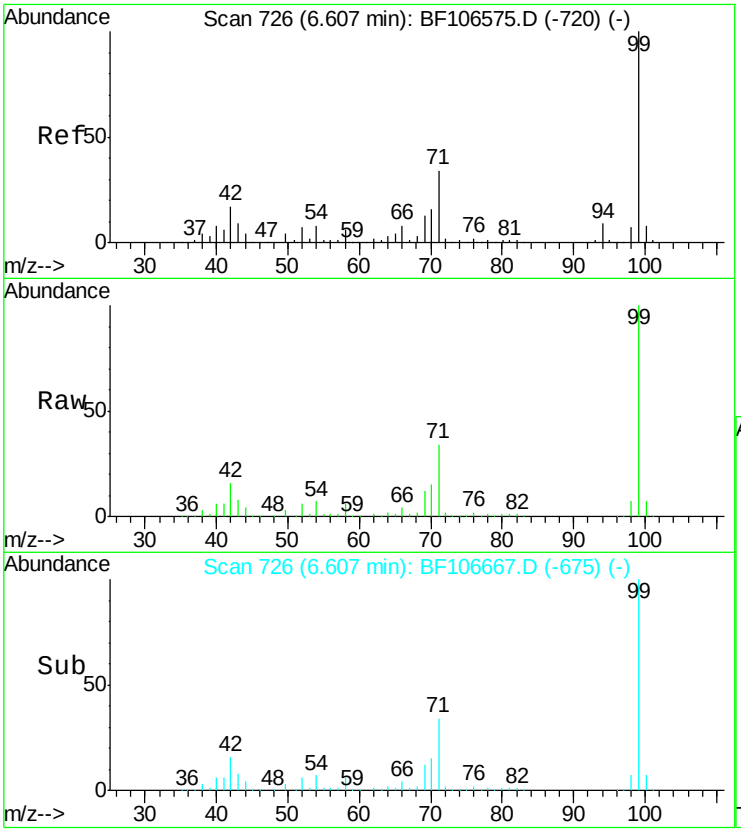


#5
2-Fluorophenol
Concen: 122.144 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:112 Resp: 461521

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.3	23.7	35.5



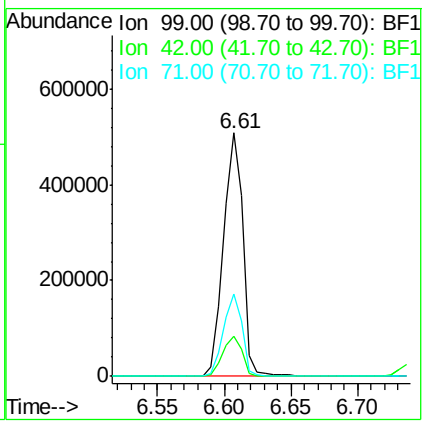


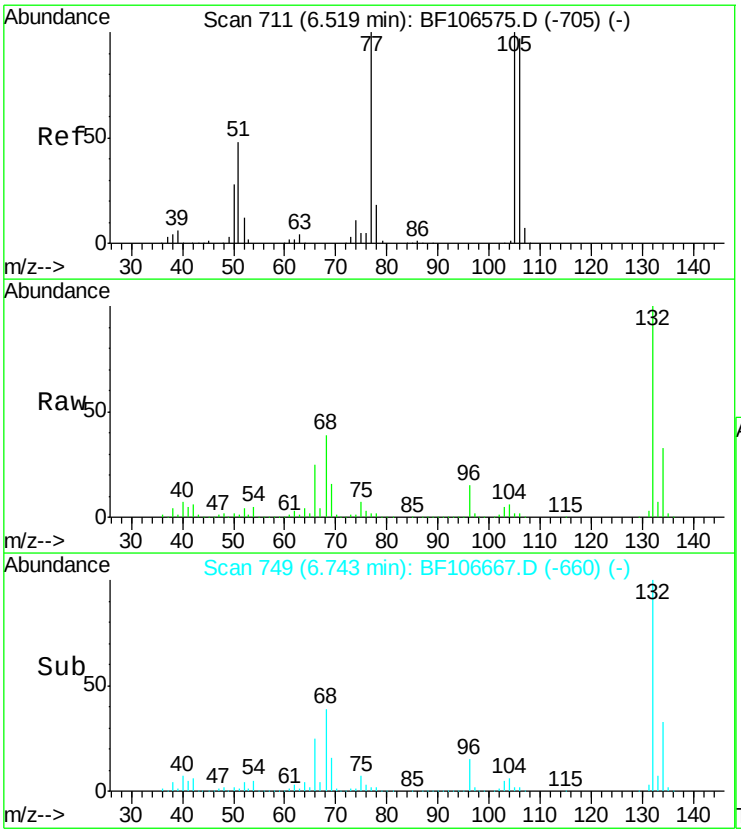
#7
Phenol-d6
Concen: 111.509 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 99 Resp: 526166

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.8	25.4	38.0

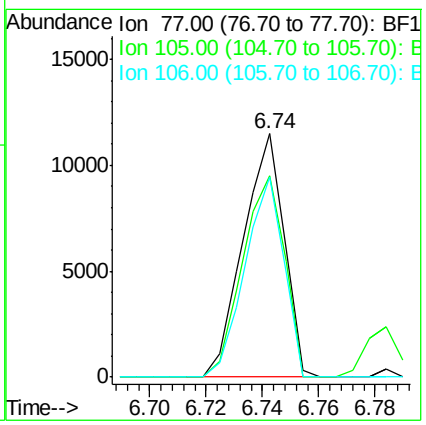


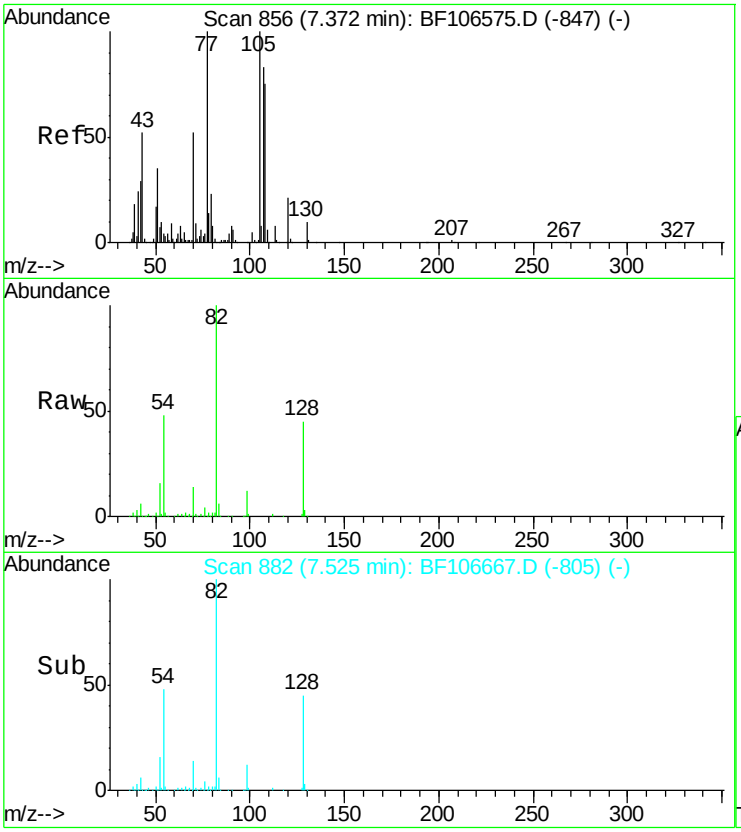


#9
Benzaldehyde
Concen: 2.887 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion: 77 Resp: 11515

Ion	Ratio	Lower	Upper
77	100		
105	82.5	81.1	121.1
106	82.4	74.5	114.5



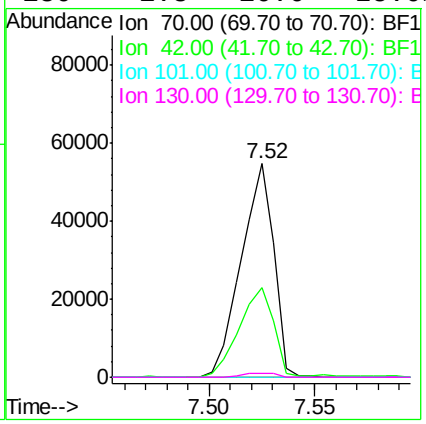


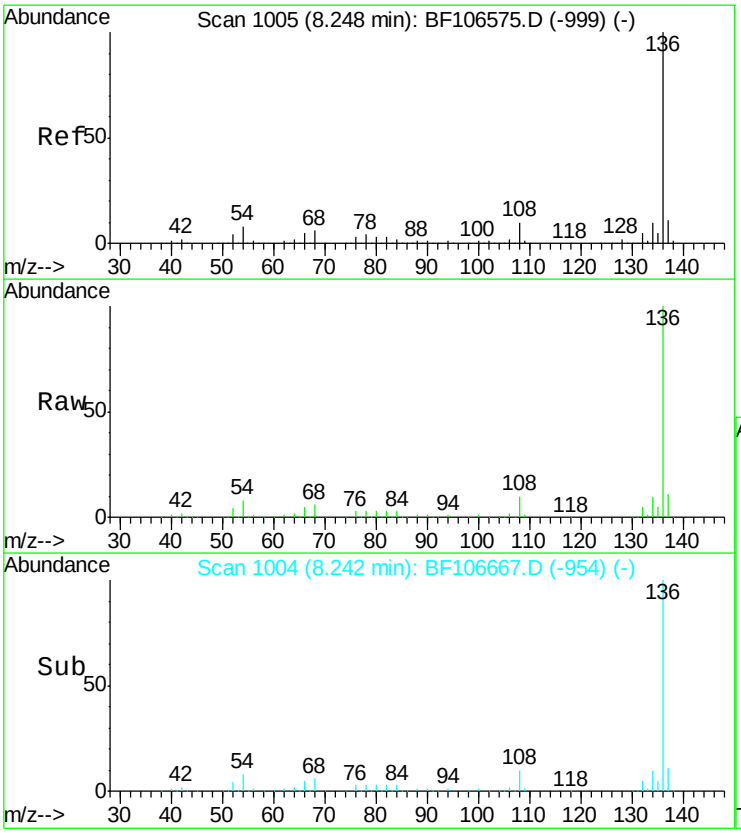
#19
n-Nitroso-di-n-propylamine
Concen: 18.886 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 70 Resp: 58741

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

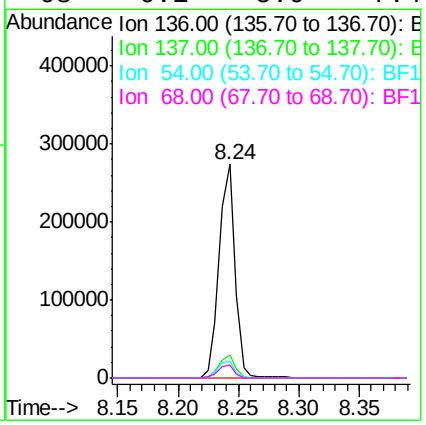


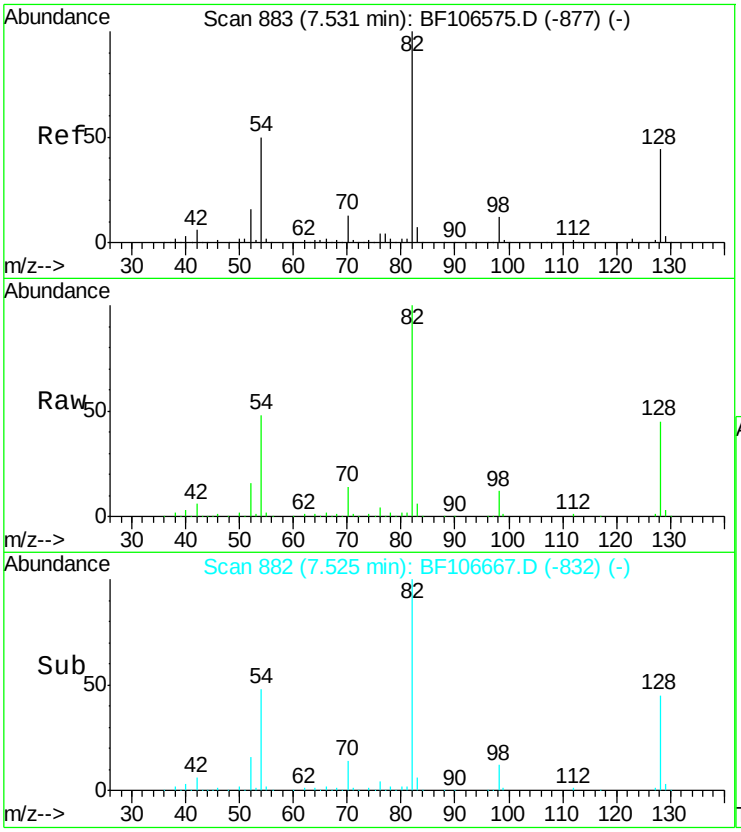


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:136 Resp: 247674

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4



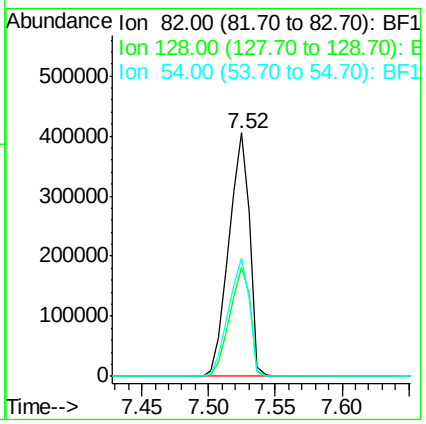


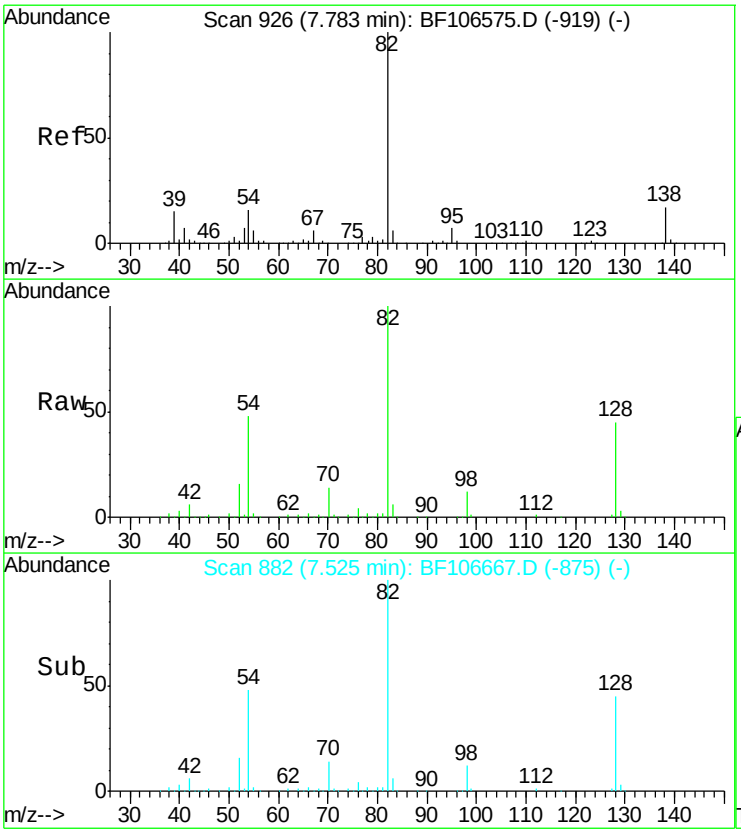
#23
Nitrobenzene-d5
Concen: 100.148 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 82 Resp: 446329

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	48.5	41.4	62.2

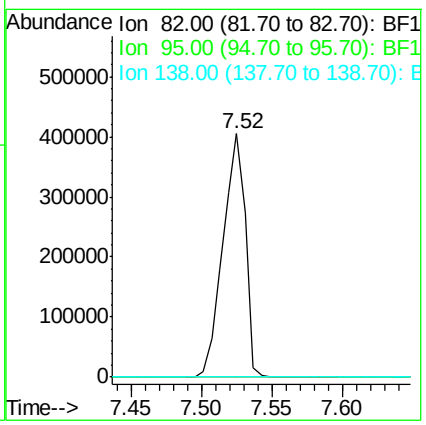


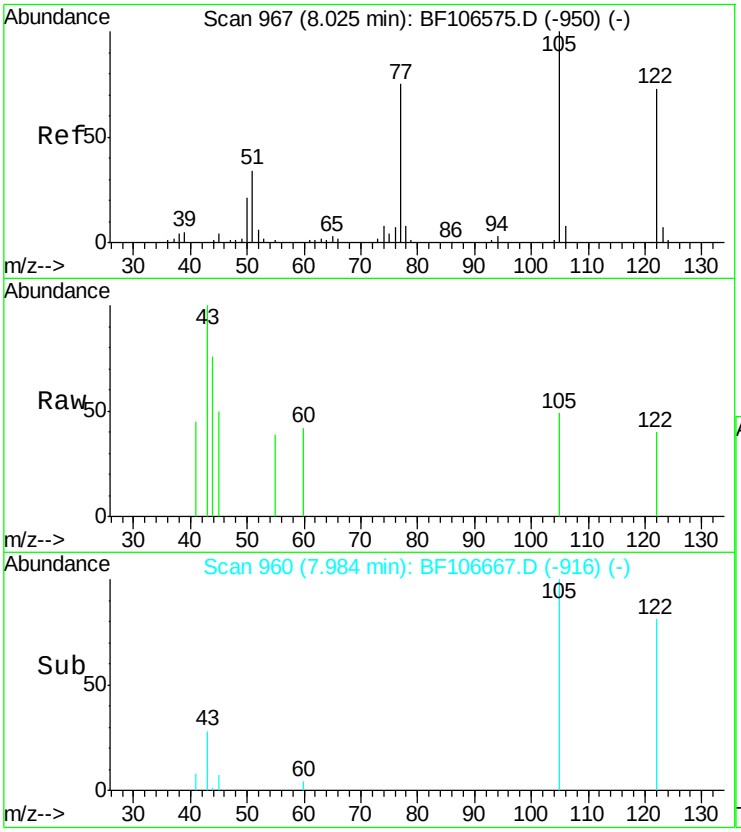


#25
Isophorone
Concen: 56.833 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion: 82 Resp: 446325

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



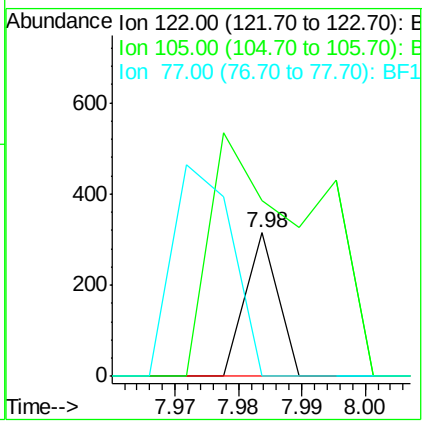


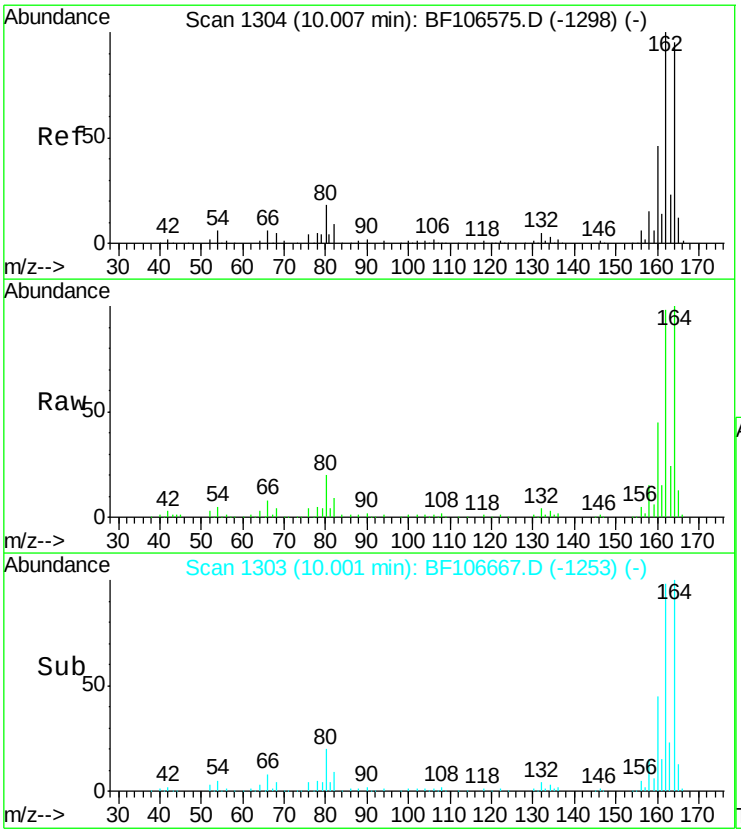
#32
Benzoic acid
Concen: 5.772 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.04 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:122 Resp: 111

Ion	Ratio	Lower	Upper
122	100		
105	122.9	101.1	141.1
77	0.0	70.7	110.7#

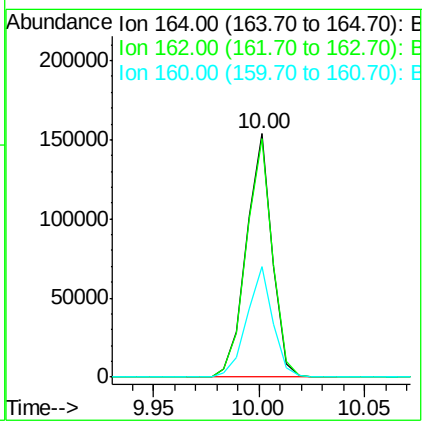


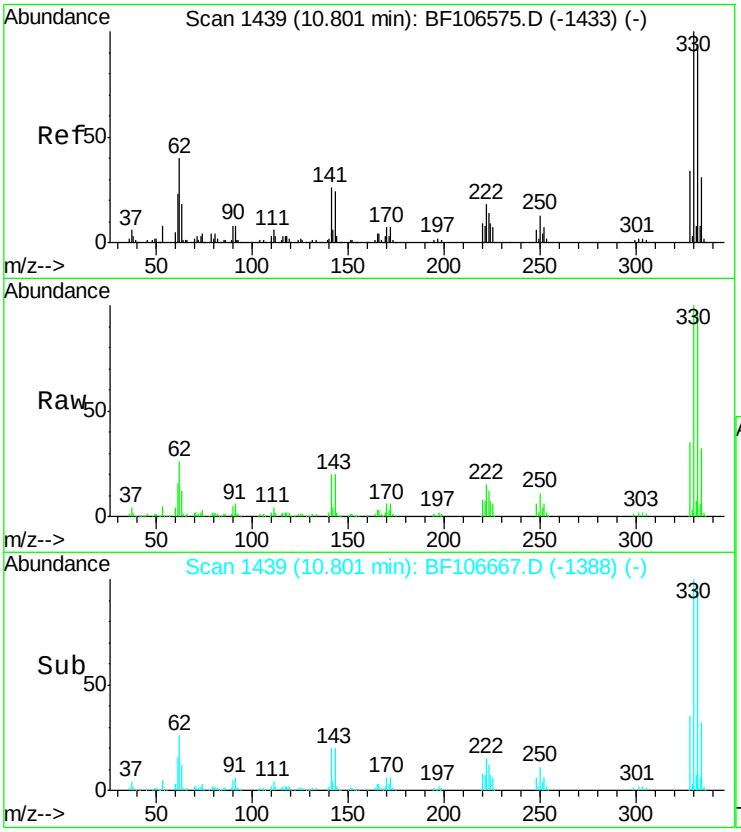


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:164 Resp: 130501

Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	45.3	38.3	57.5



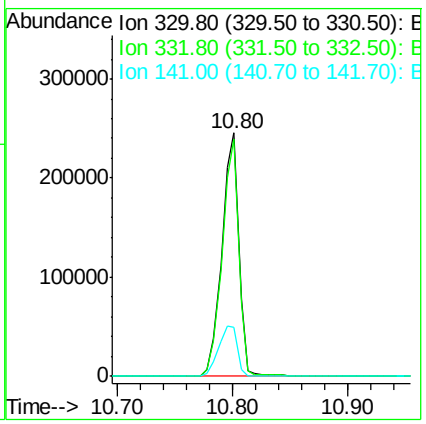


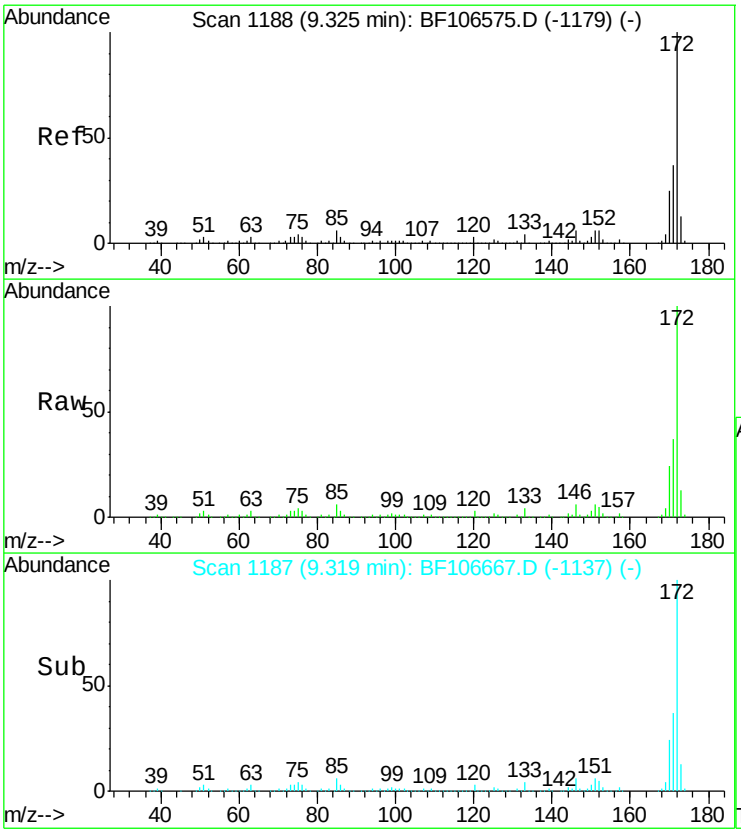
#41
2,4,6-Tribromophenol
Concen: 165.260 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:330 Resp: 249962

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.0	29.9	44.9#

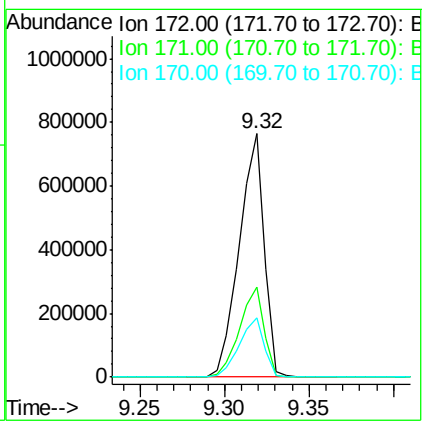


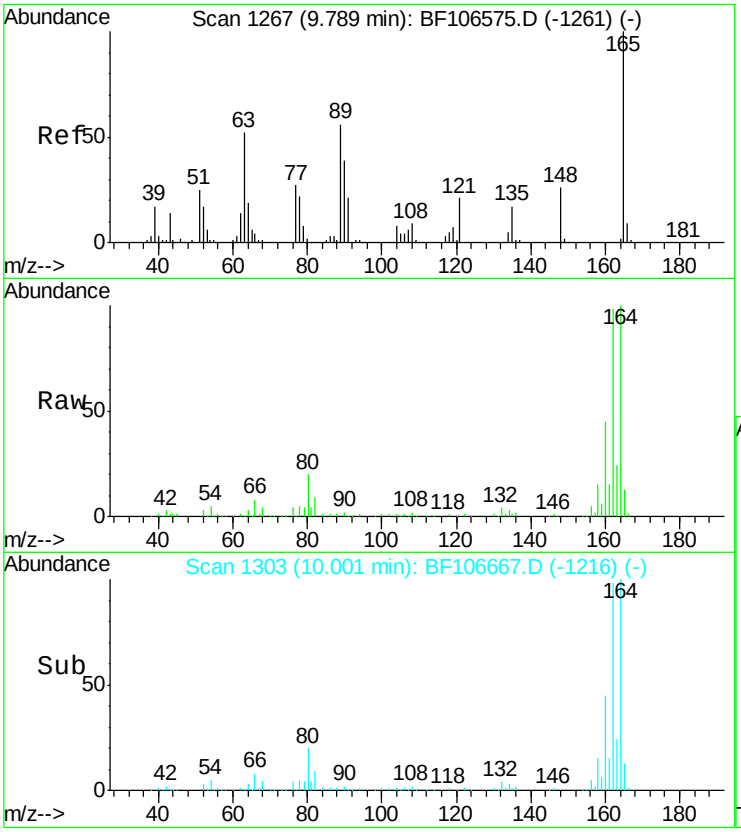


#44
2-Fluorobiphenyl
Concen: 105.753 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:172 Resp: 787583

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4



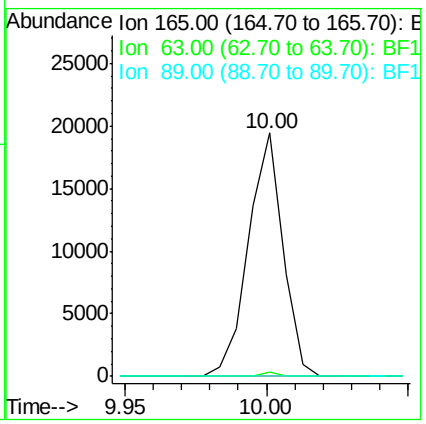


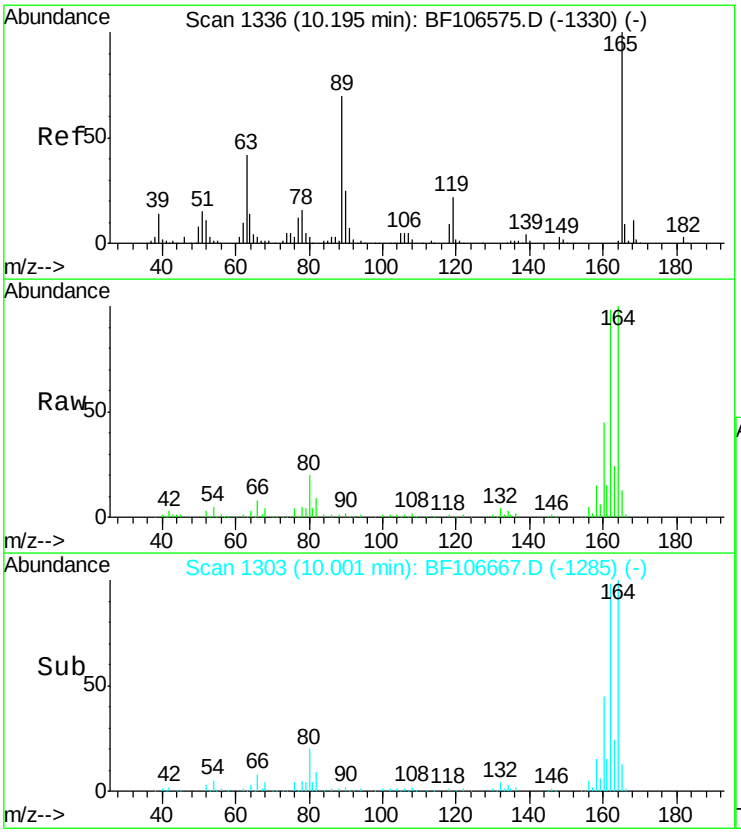
#50
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:165 Resp: 16502

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#

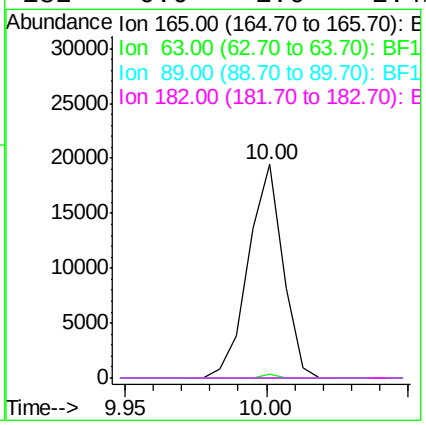


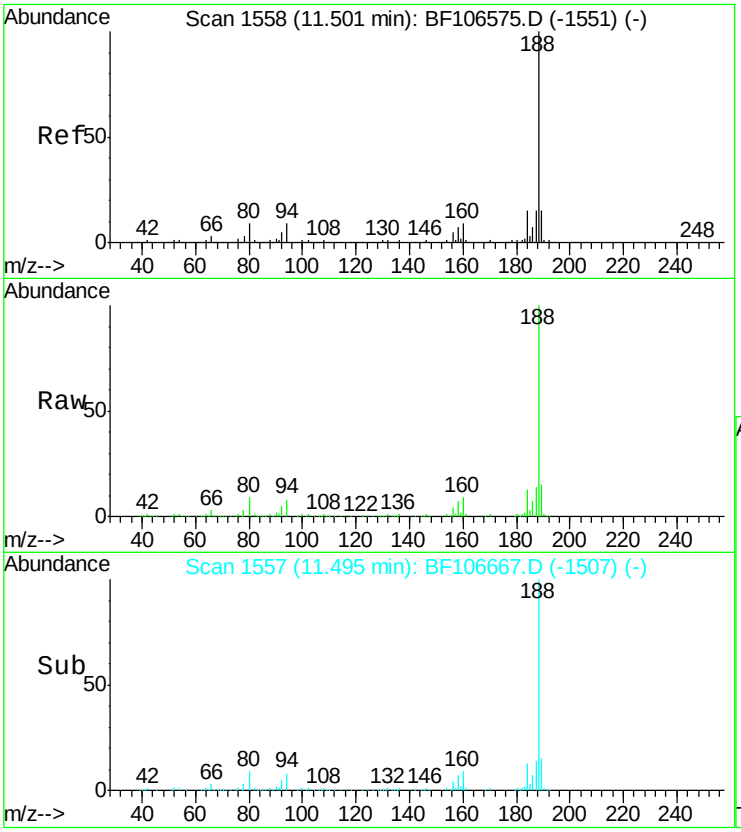


#56
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:165 Resp: 16502

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



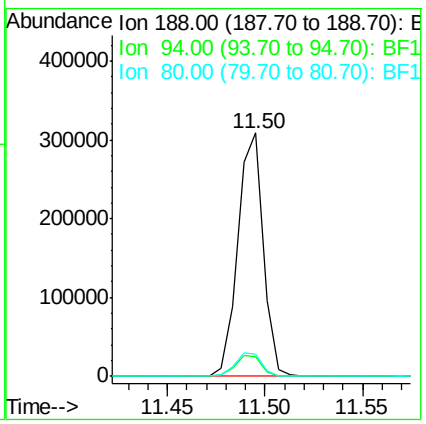


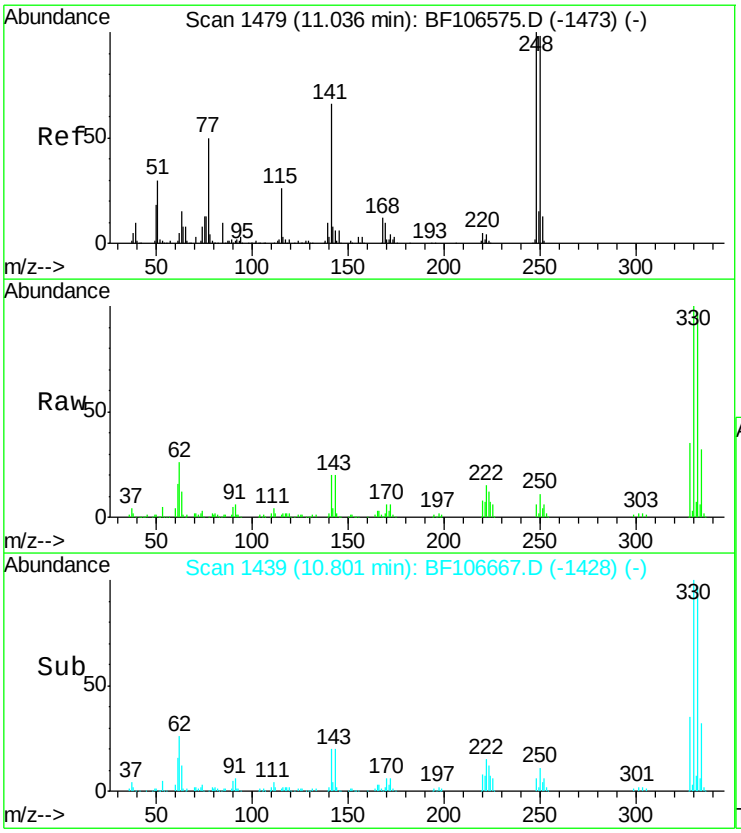
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:188 Resp: 278399

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#

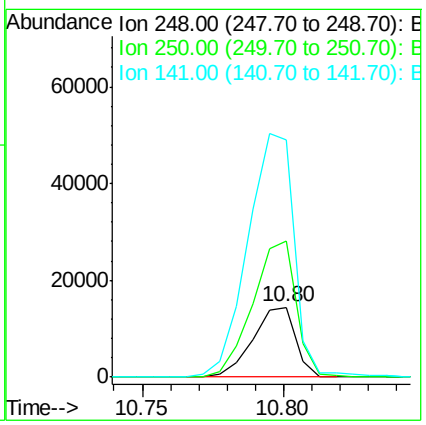


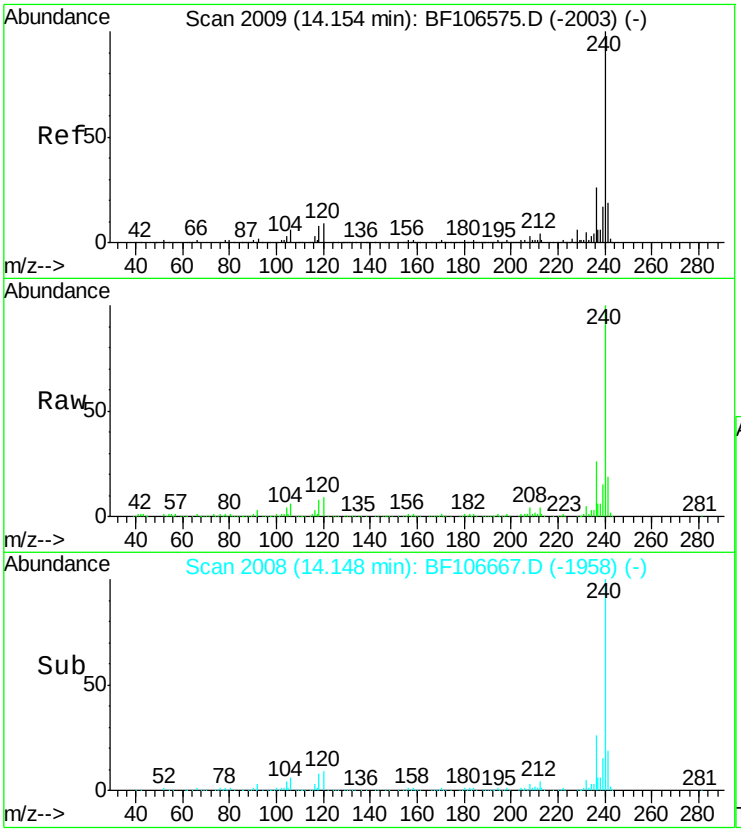


#66
4-Bromophenyl-phenylether
Concen: 4.590 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:248 Resp: 15251

Ion	Ratio	Lower	Upper
248	100		
250	195.0	76.9	115.3#
141	339.6	74.4	111.6#



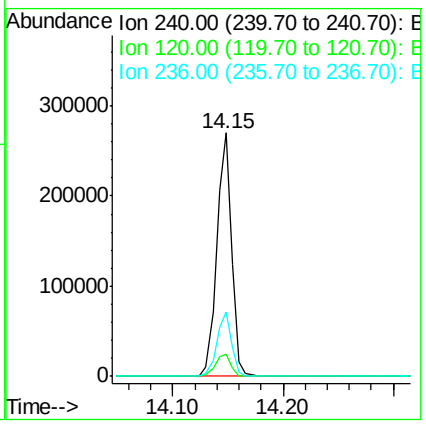


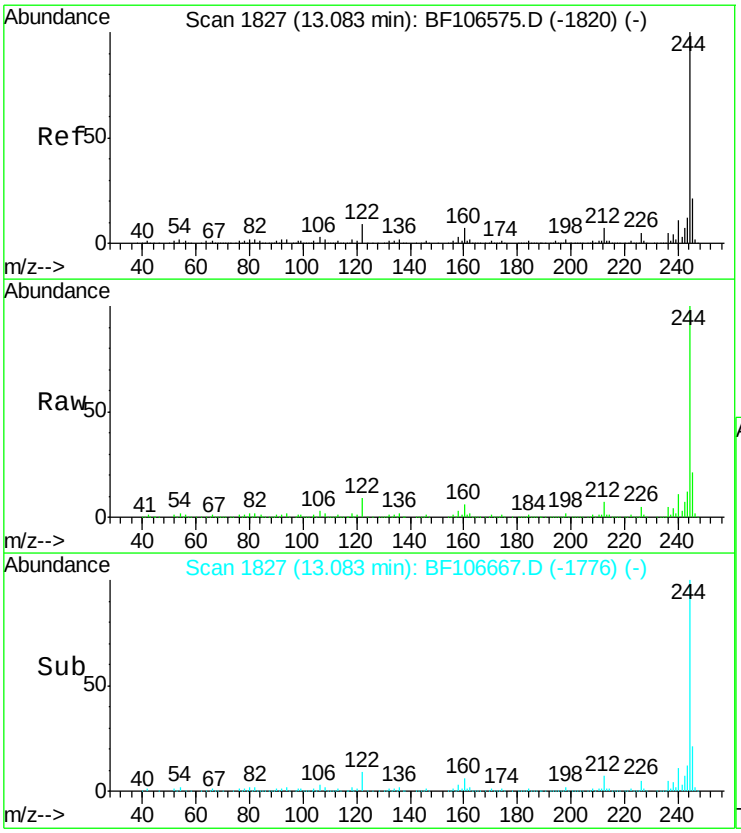
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:240 Resp: 250012

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.3	20.7	31.1

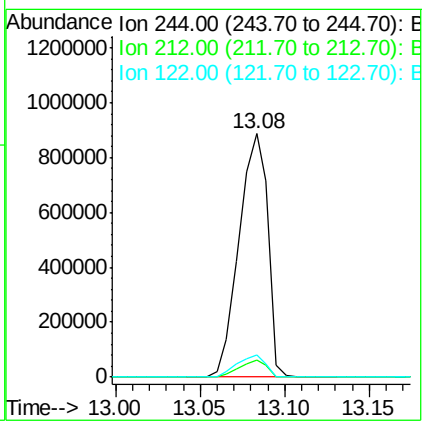


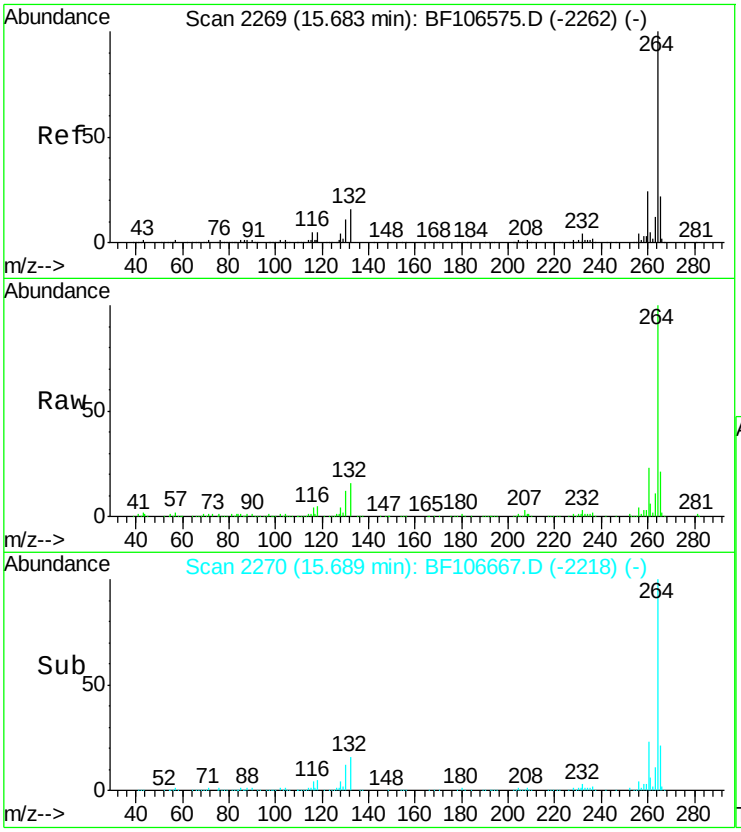


#78
Terphenyl-d14
Concen: 102.066 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Tgt Ion:244 Resp: 1053451

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	8.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106667.D
Acq: 21 Jun 2018 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:264 Resp: 208937

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	17.5	26.3