Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101329.D
Acq On : 12 Dec 2017 15:00
Operator : SJ/JU
Sample : PB104934BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 00:33:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	41673	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	166089	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	81609	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	171424	20.00	ng	0.00
75) Chrysene-d12	14.00	240	162462	20.00	ng	0.00
86) Perylene-d12	15.48	264	153478	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	340984	135.21	ng	0.01
7) Phenol-d6	6.46	99	410536	134.08	ng	0.00
23) Nitrobenzene-d5	7.39	82	256395	92.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	135137	137.84	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	571628	95.84	ng	0.00
78) Terphenyl-d14	12.95	244	664012	89.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	33179	16.090	ng	# 81
25) Isophorone	7.39	82	256392	53.911	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	10449	7.538	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	10449	5.624	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	8315	4.333	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101329.D
Acq On : 12 Dec 2017 15:00
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Misc :
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ClientSampleId :

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QLast Update : Fri Dec 08 18:17:31 2017
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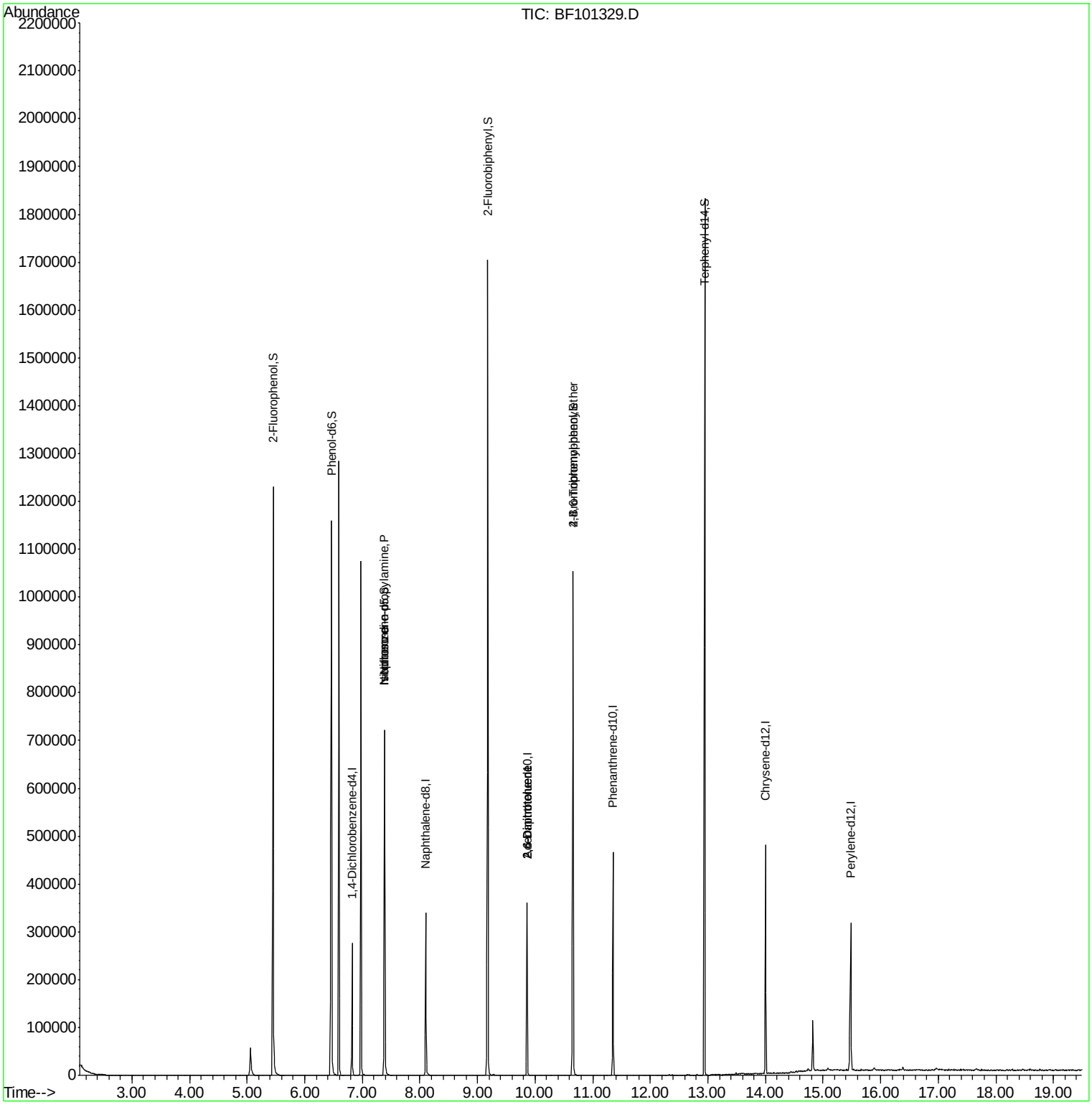
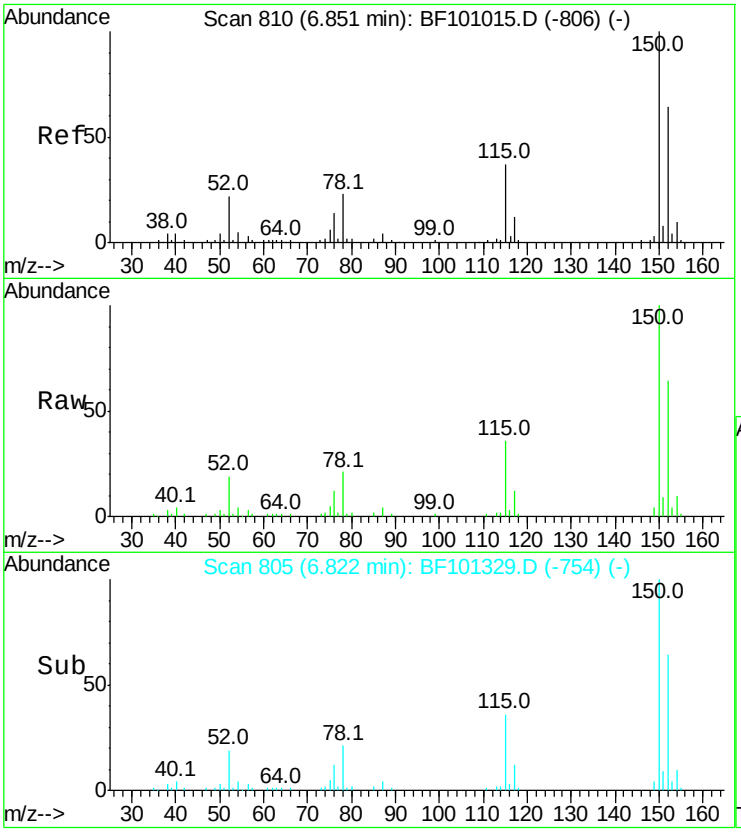


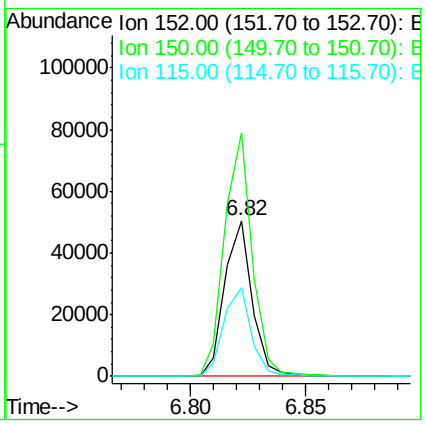


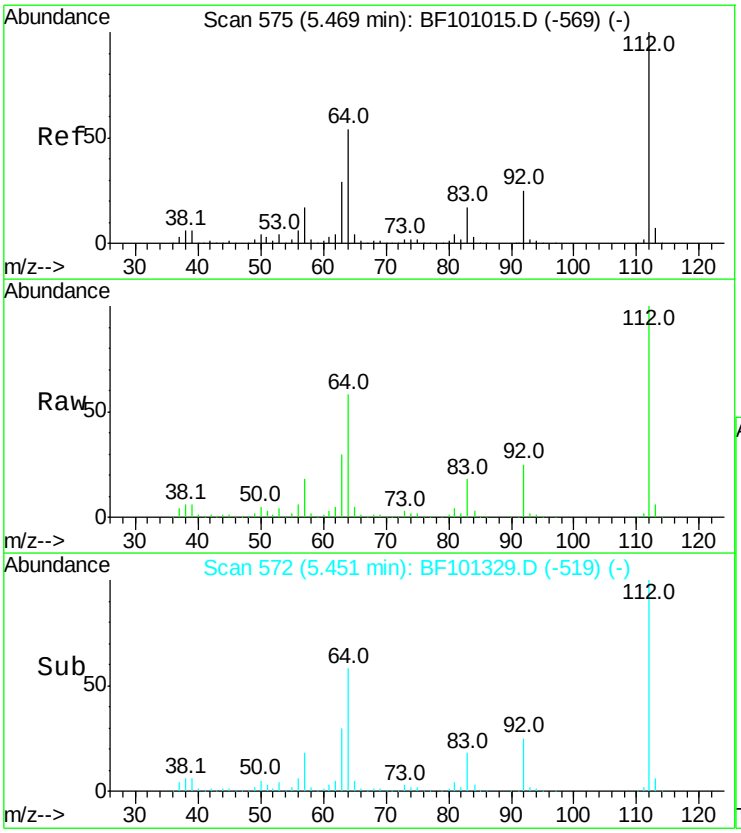
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 41673

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	56.6	50.1	75.1

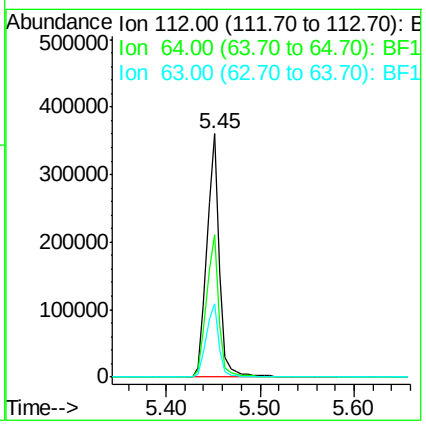


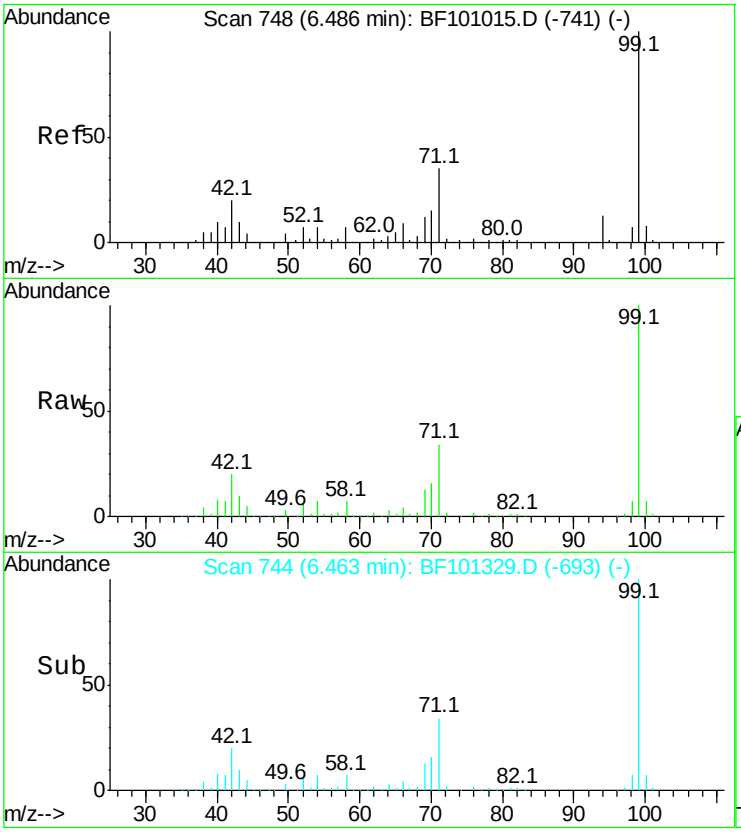


#5
2-Fluorophenol
Concen: 135.209 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:112 Resp: 340984

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.0	23.7	35.5



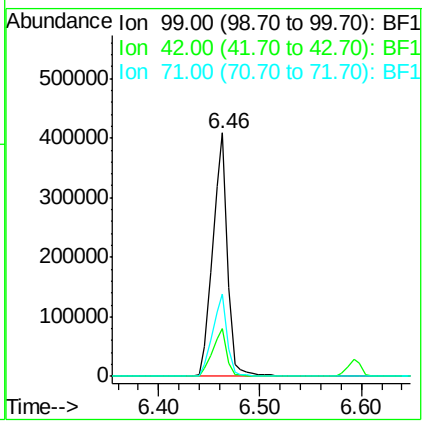


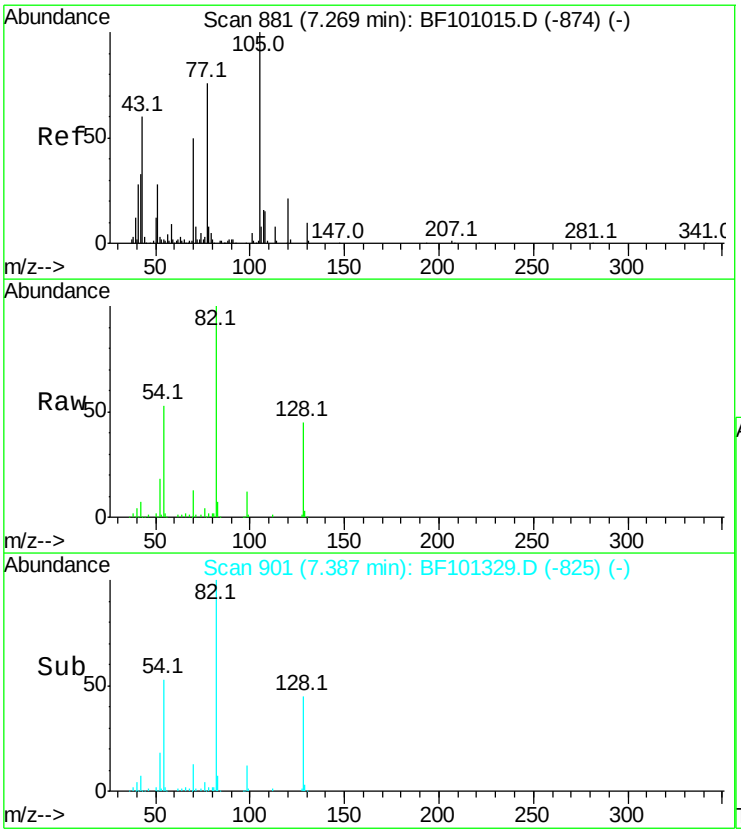
#7
Phenol-d6
Concen: 134.082 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 410536

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	33.6	25.4	38.0

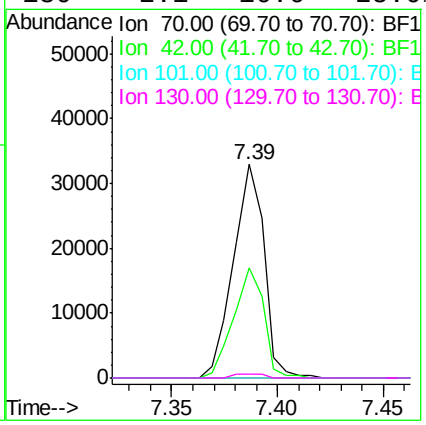


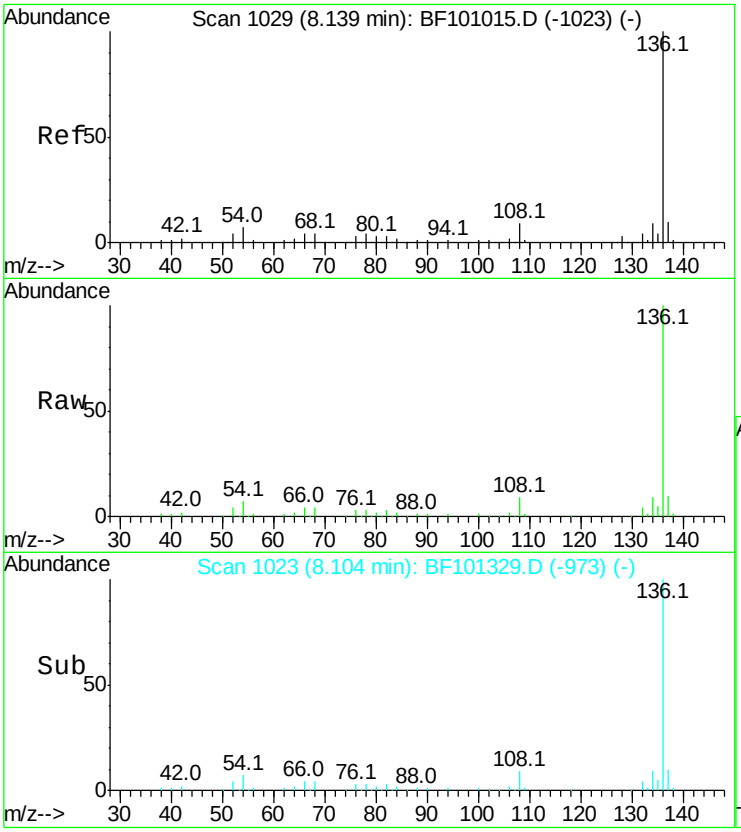


#19
n-Nitroso-di-n-propylamine
Concen: 16.090 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion: 70 Resp: 33179

Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



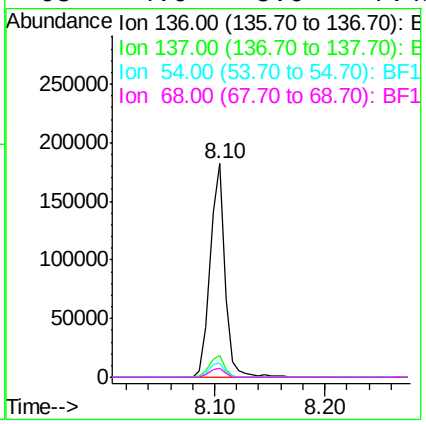


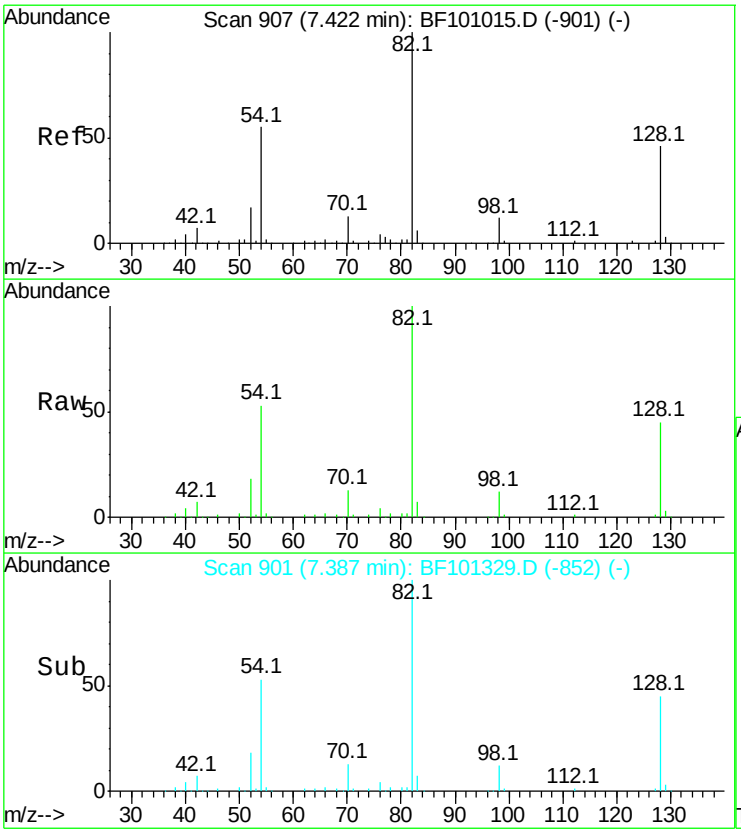
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 166089

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.7	6.6	9.8
68	4.0	5.0	7.4#

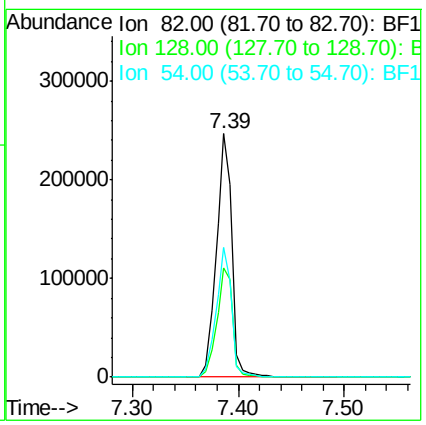


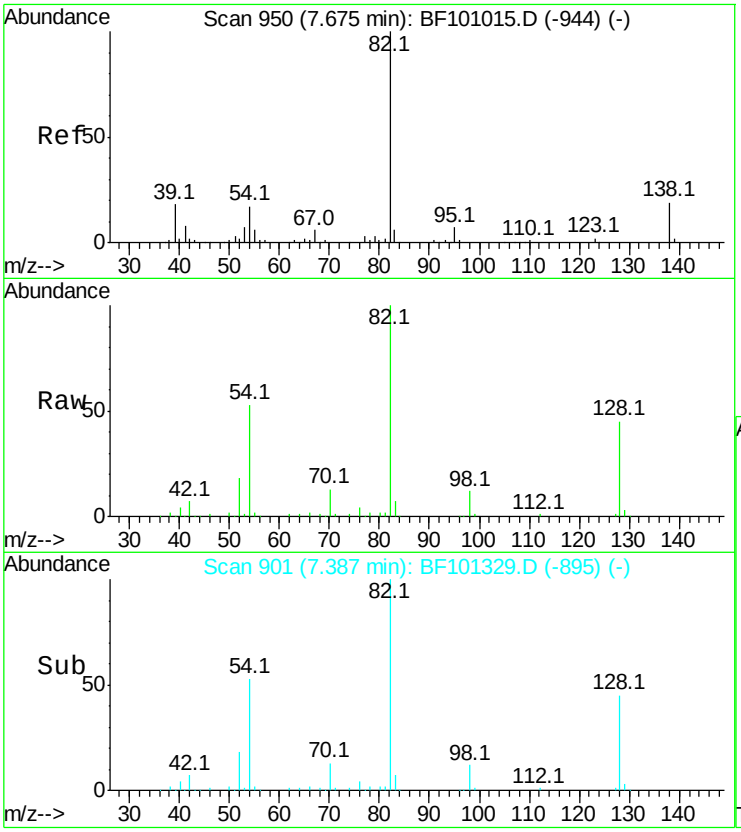


#23
Nitrobenzene-d5
Concen: 92.088 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion: 82 Resp: 256395

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	53.5	41.4	62.2



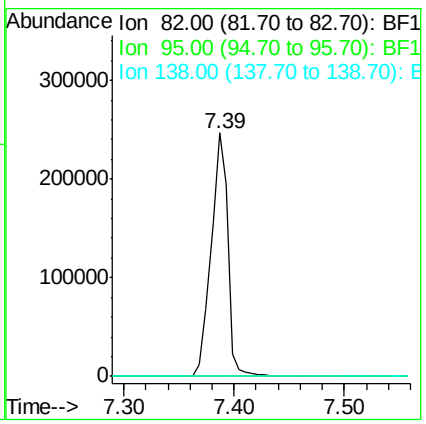


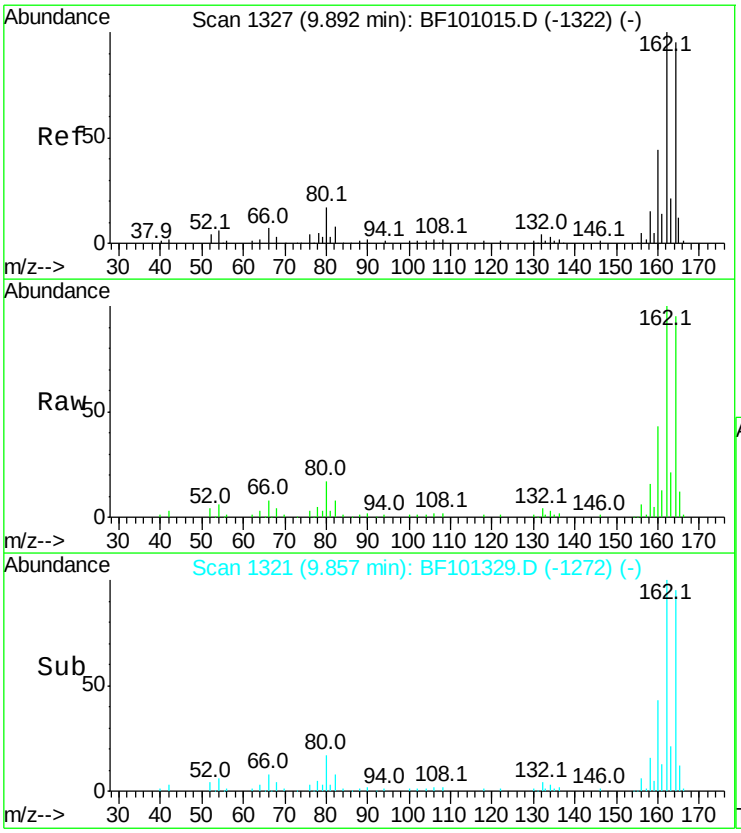
#25
Isophorone
Concen: 53.911 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 256392

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

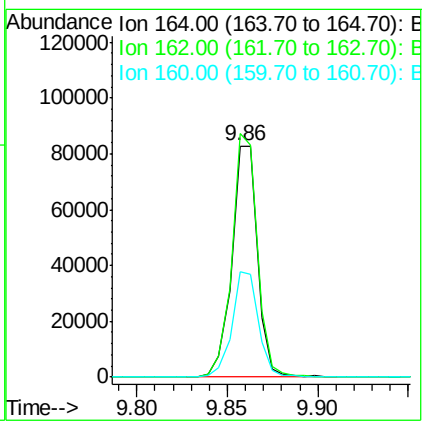


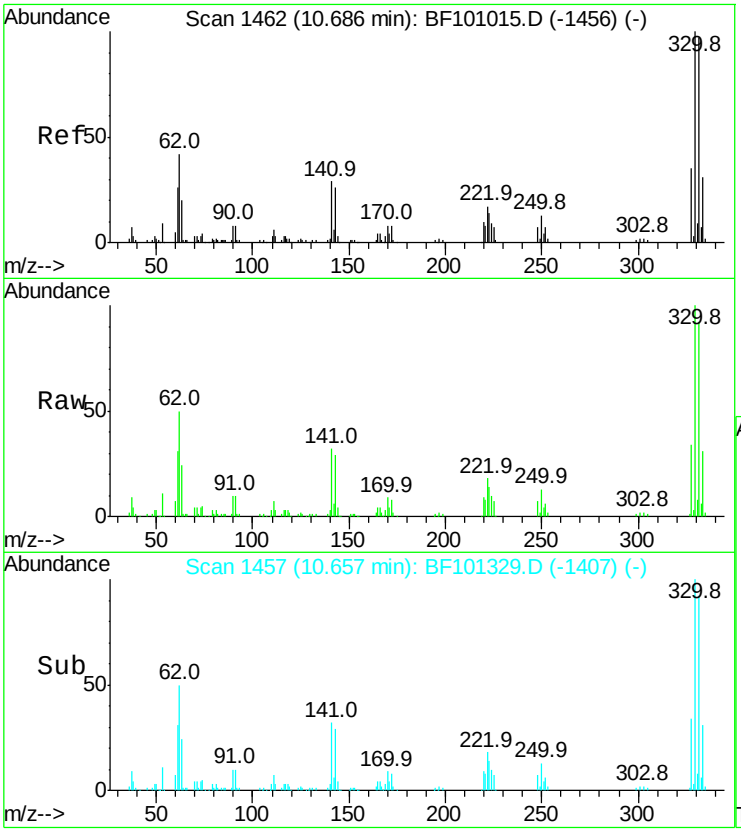


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:164 Resp: 81609

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.7	38.3	57.5



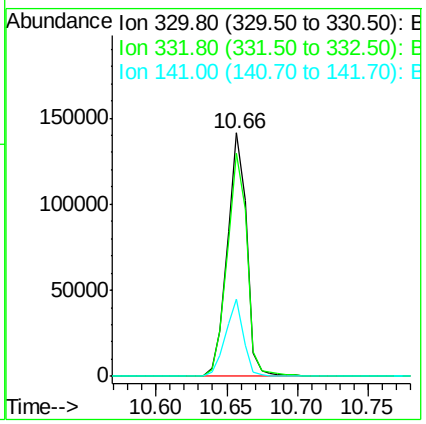


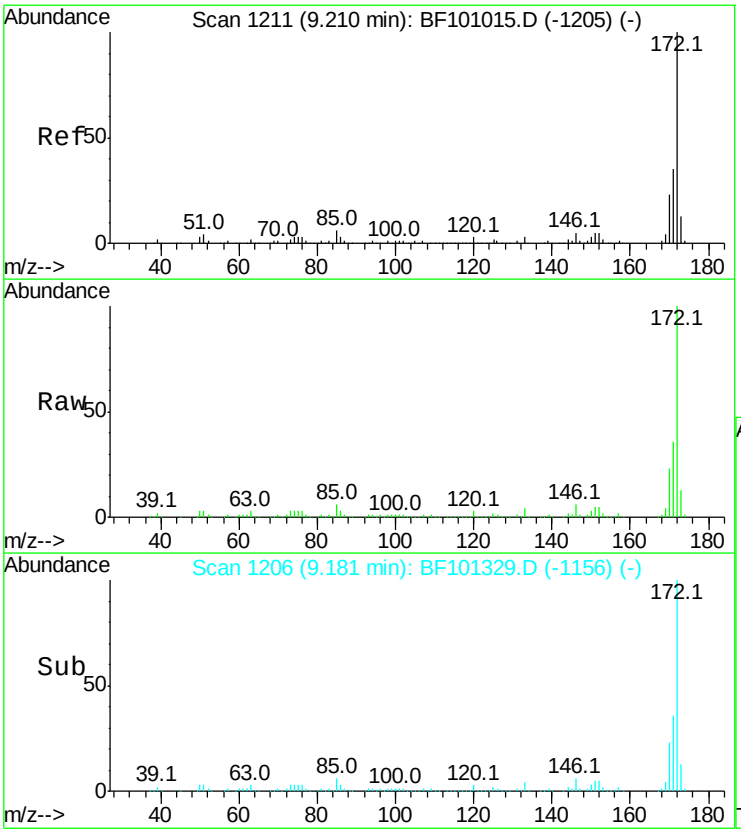
#41
2,4,6-Tribromophenol
Concen: 137.845 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 135137

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	29.4	29.9	44.9#

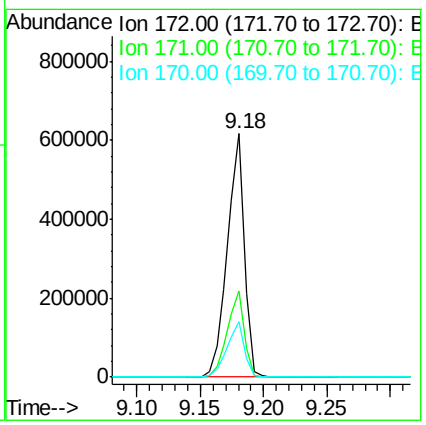


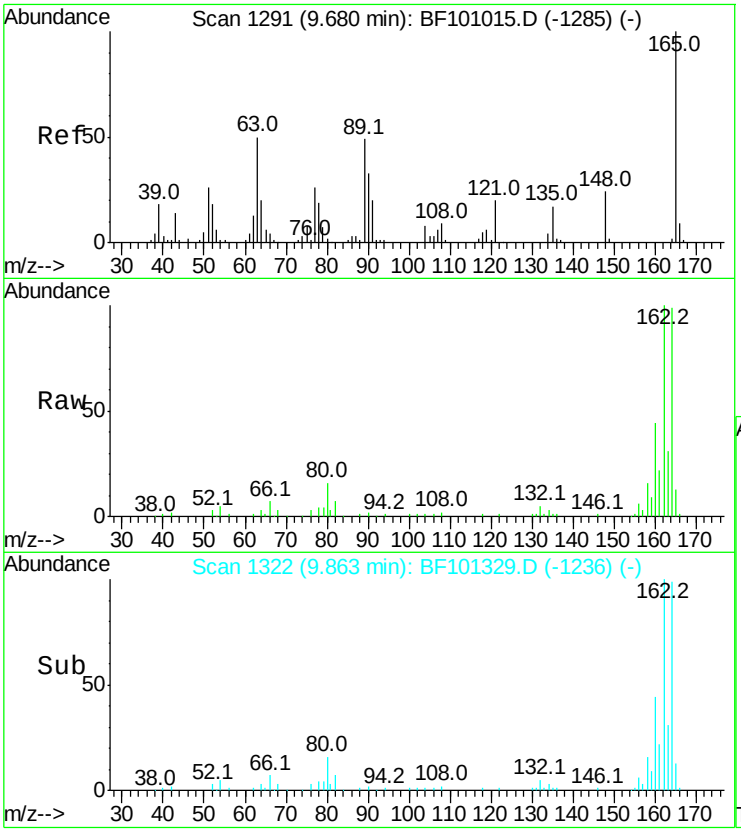


#44
2-Fluorobiphenyl
Concen: 95.835 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:172 Resp: 571628

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	22.9	19.6	29.4



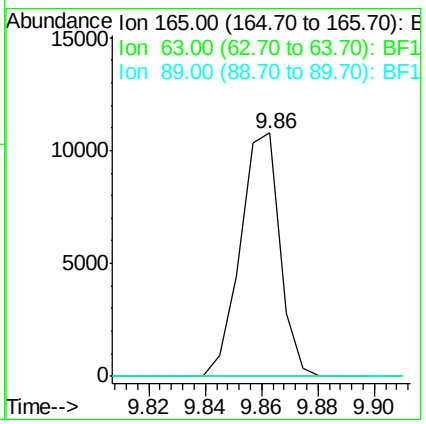


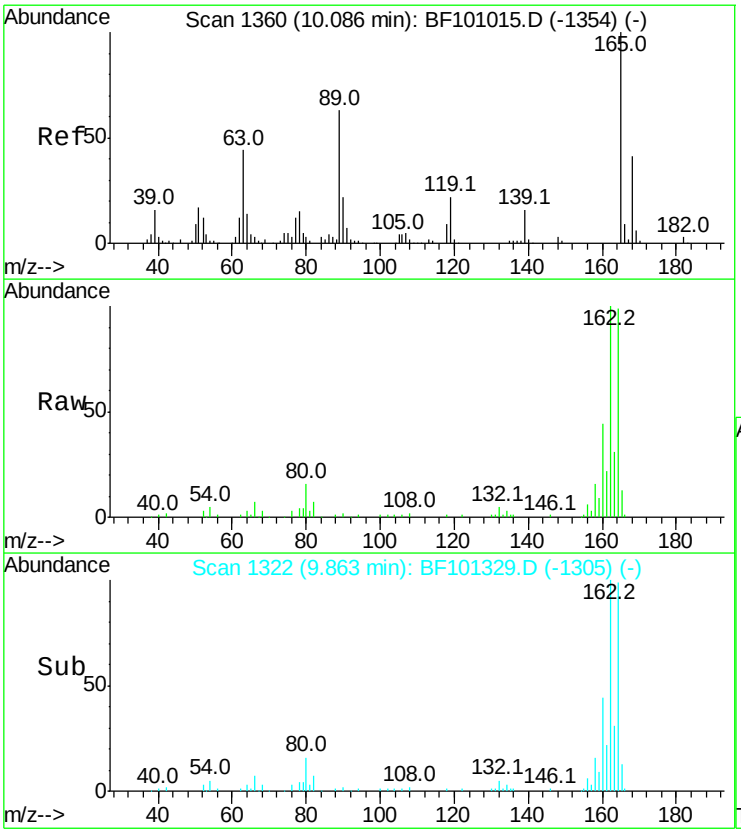
#50
2,6-Dinitrotoluene
Concen: 7.538 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10449

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

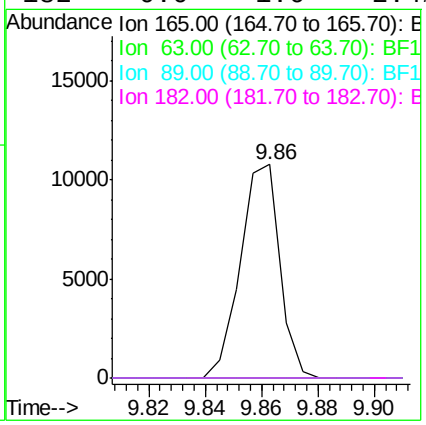


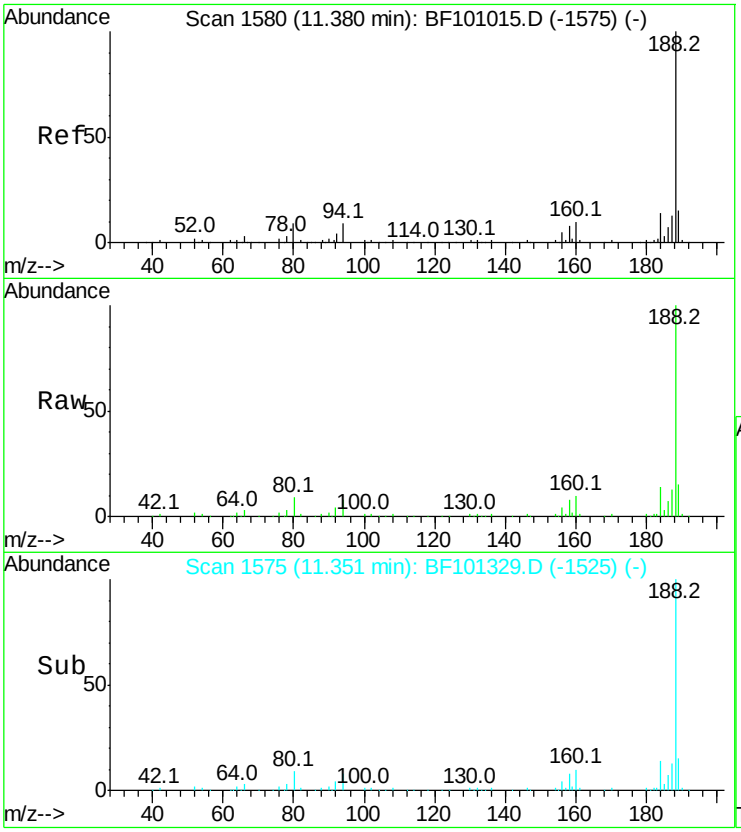


#56
2,4-Dinitrotoluene
Concen: 5.624 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:165 Resp: 10449

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#



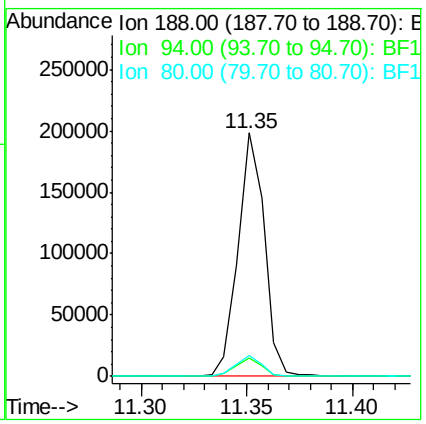


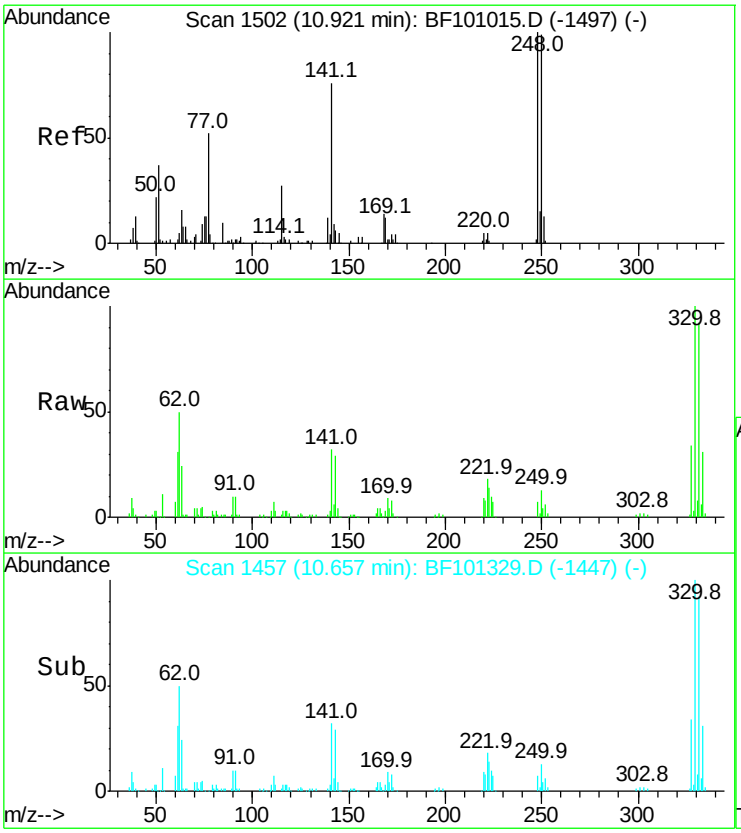
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 171424

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.8	9.2	13.8#

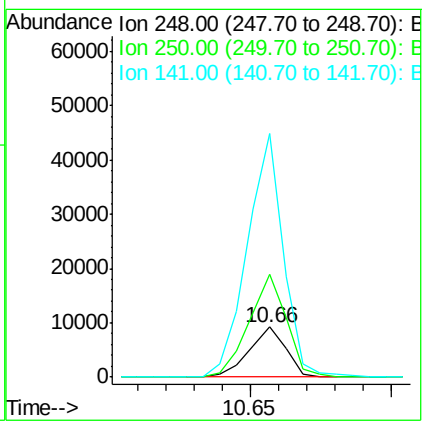


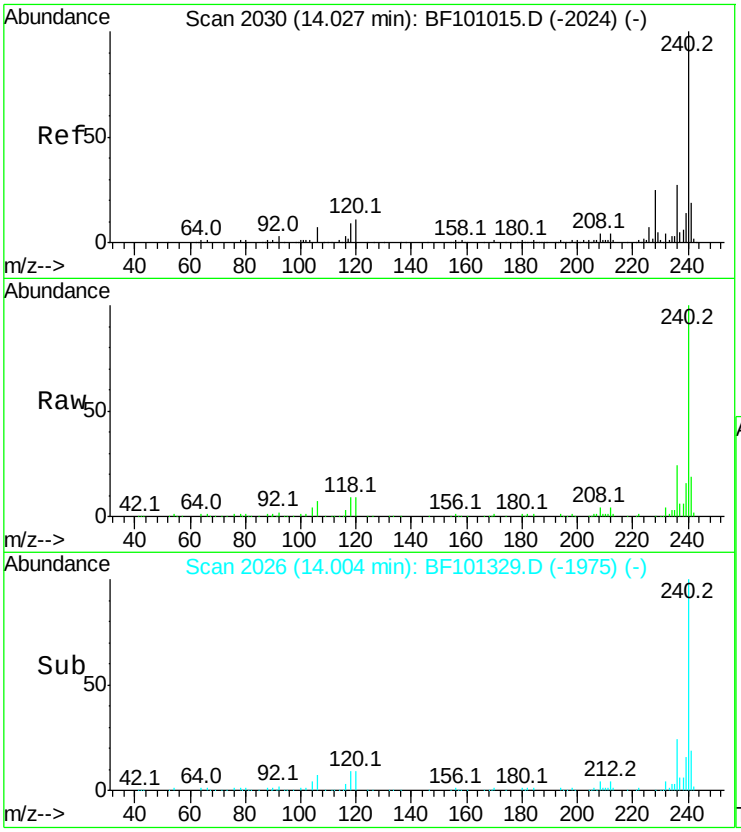


#66
4-Bromophenyl-phenylether
Concen: 4.333 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:248 Resp: 8315

Ion	Ratio	Lower	Upper
248	100		
250	205.0	76.9	115.3#
141	485.4	74.4	111.6#



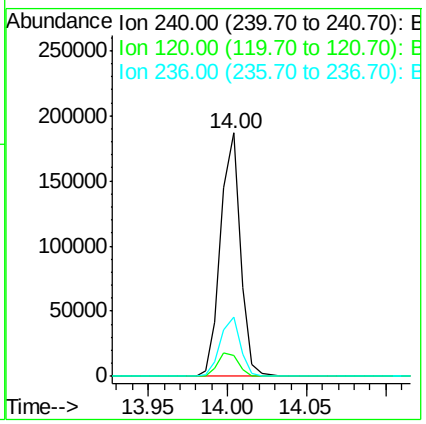


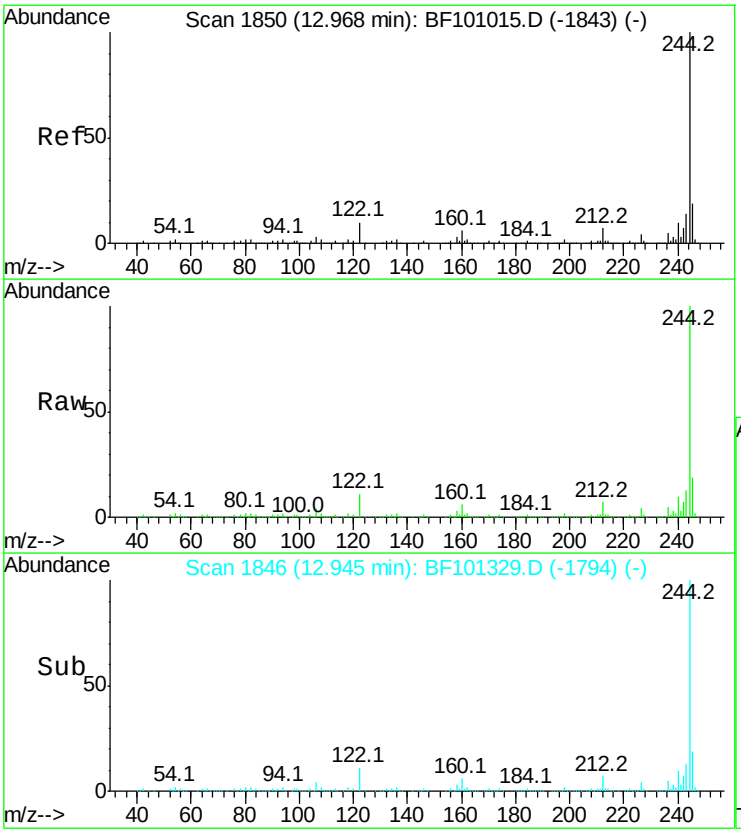
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 162462

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	24.5	20.7	31.1

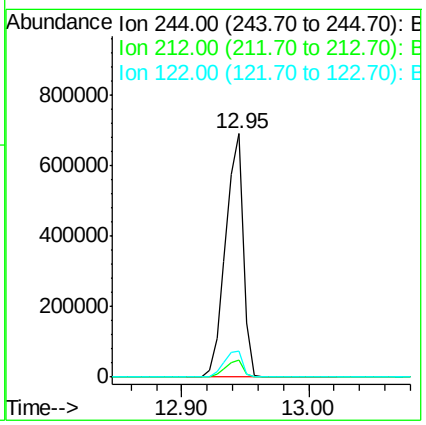


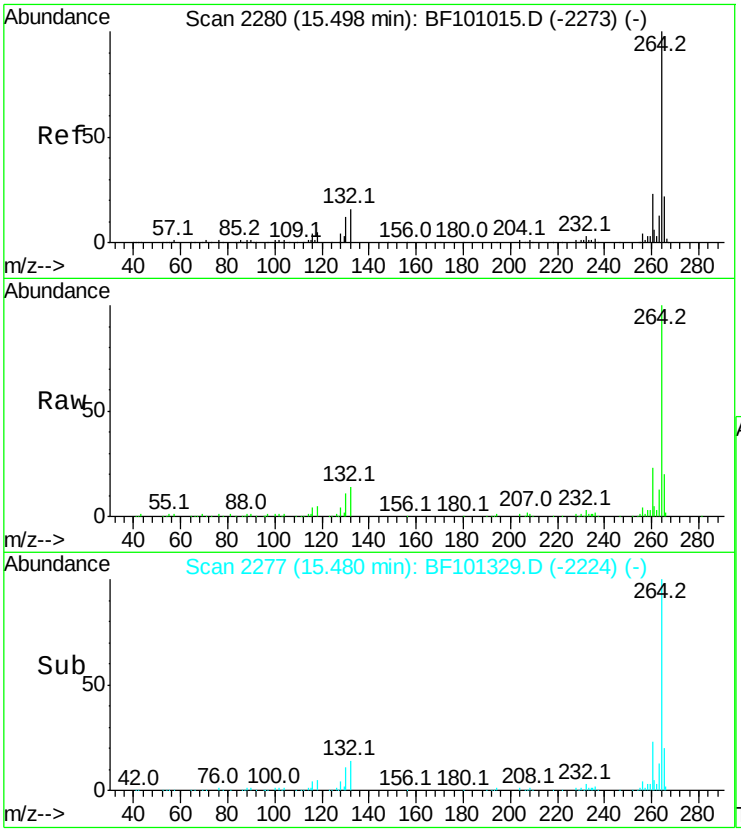


#78
Terphenyl-d14
Concen: 89.397 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:244 Resp: 664012

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 153478

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	19.8	17.5	26.3