Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101461.D
Acq On : 15 Dec 2017 23:29
Operator : SJ/JU
Sample : I6888-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 16 00:16:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	176193	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	679515	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	267519	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	437063	20.00	ng		0.00
75) Chrysene-d12	14.00	240	332408	20.00	ng		0.00
86) Perylene-d12	15.47	264	265442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1331626	112.58	ng		0.02
7) Phenol-d6	6.46	99	1592865	108.20	ng		0.00
23) Nitrobenzene-d5	7.39	82	1009292	82.68	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	276038	107.08	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1569924	91.03	ng		0.00
78) Terphenyl-d14	12.93	244	1167615	84.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	26073	2.398	ng		81
10) Phenol	6.47	94	81981	4.886	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	135363	14.002	ng	#	84
25) Isophorone	7.39	82	1009285	41.215	ng	#	64
49) Dimethylphthalate	9.57	163	154451	7.178	ng	#	98
56) 2,4-Dinitrotoluene	9.85	165	35231	7.150	ng	#	23
66) 4-Bromophenyl-phenylether	10.65	248	16987	3.459	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\BF121517\
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Misc :
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BNA_F
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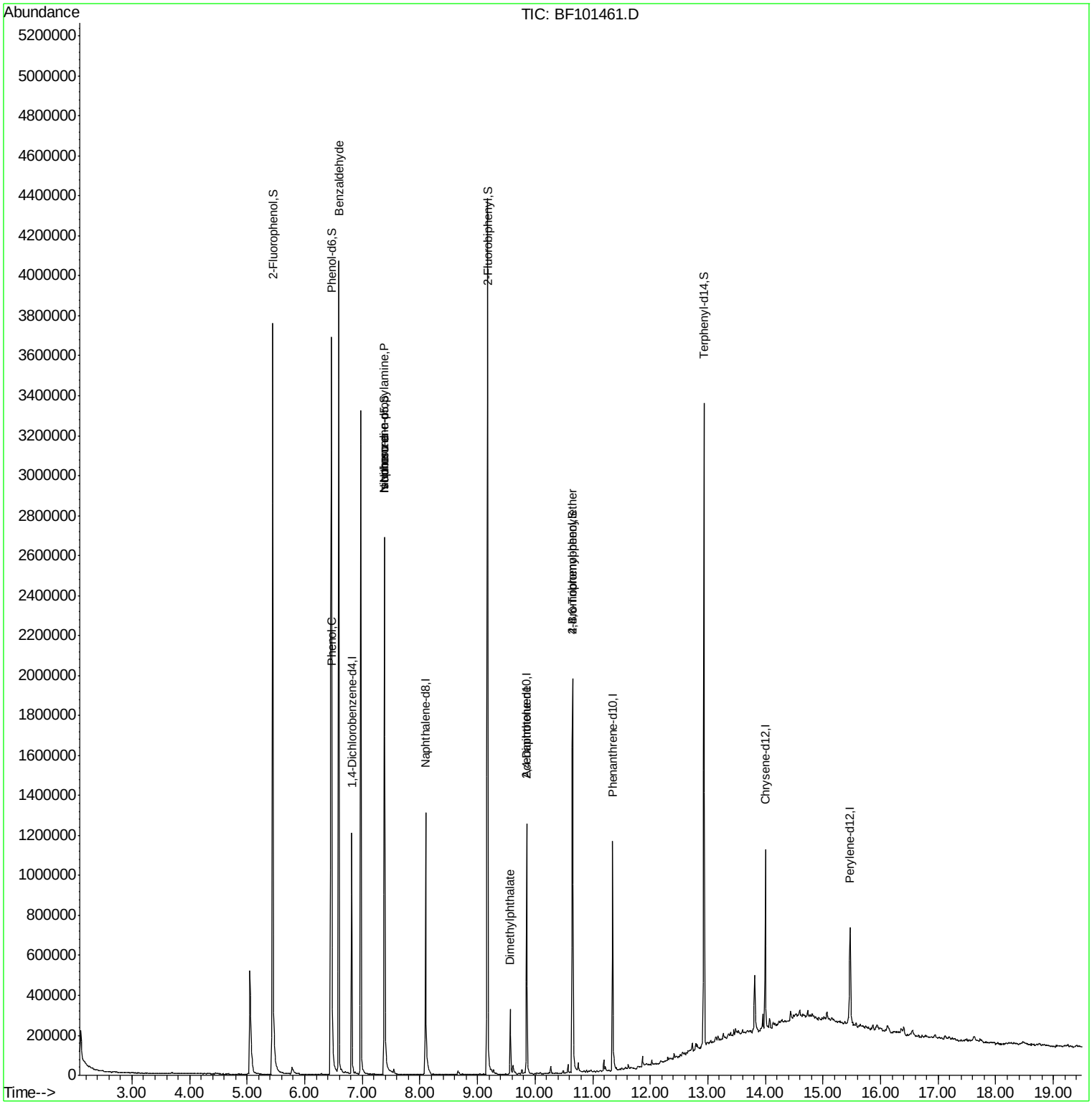
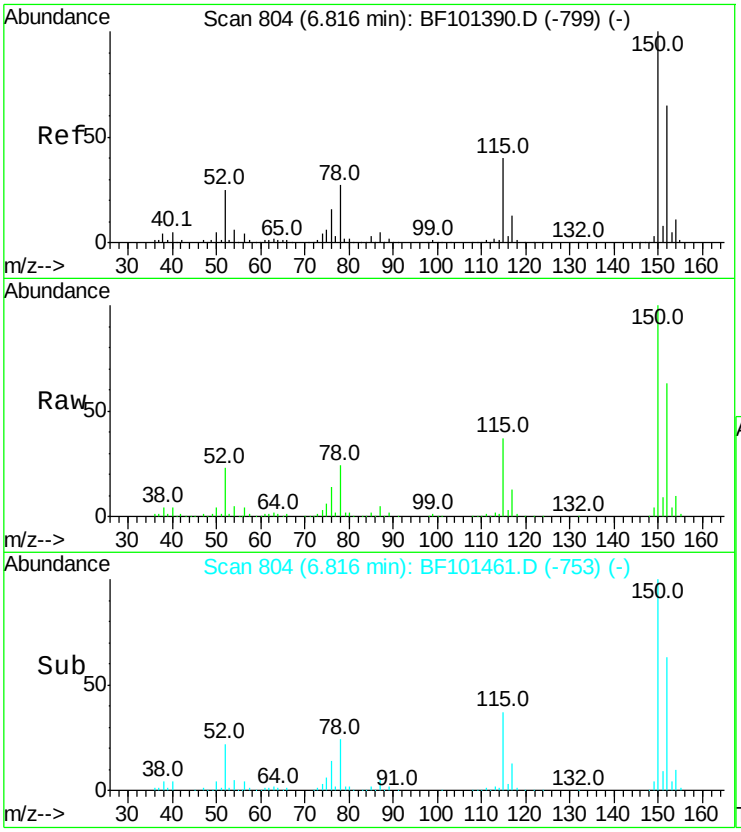
Response via : Initial Calibration



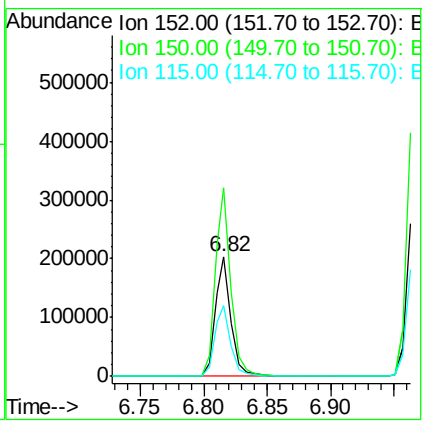


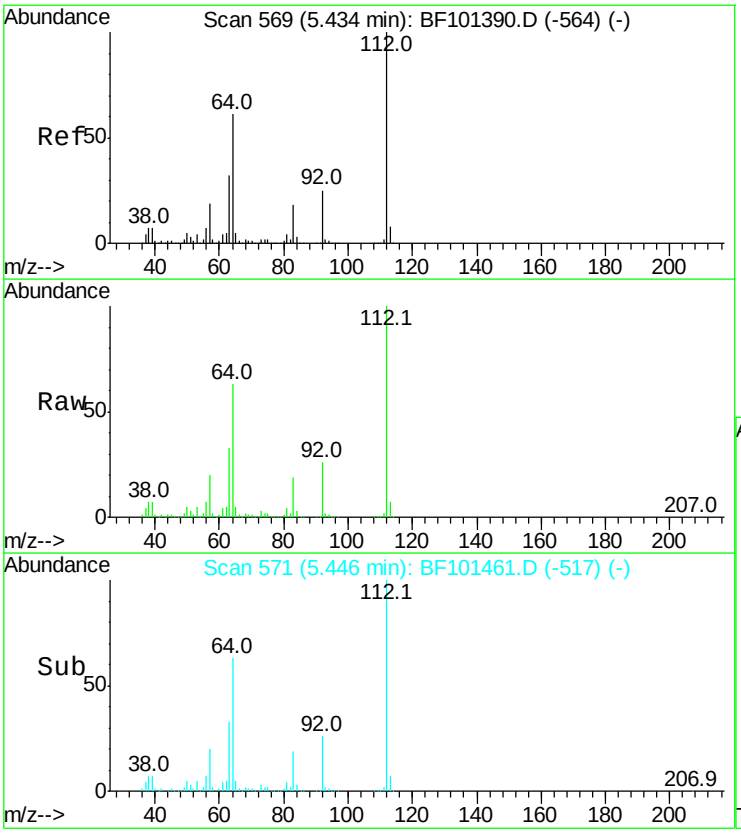
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 176193

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	58.9	50.1	75.1

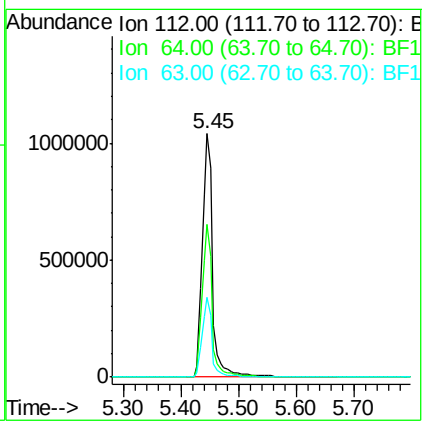


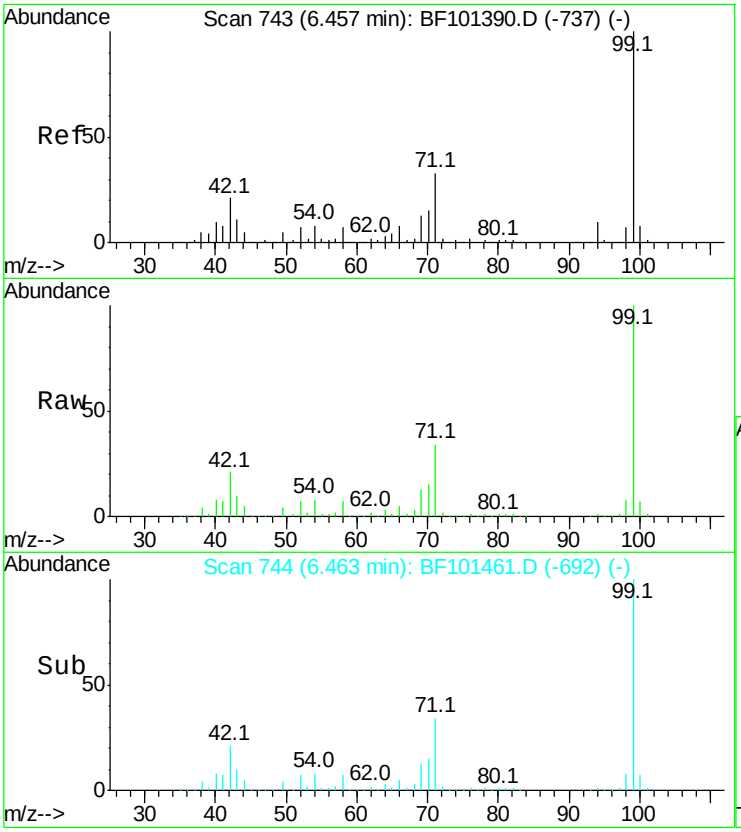


#5
2-Fluorophenol
Concen: 112.579 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:112 Resp: 1331626

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	32.7	23.7	35.5



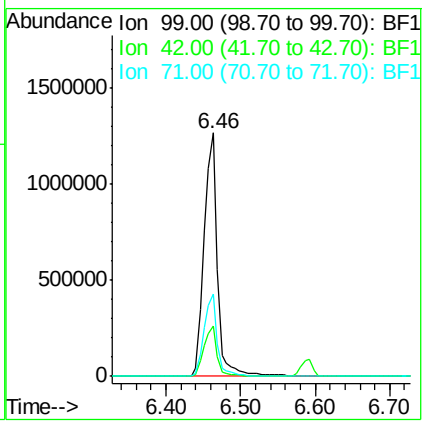


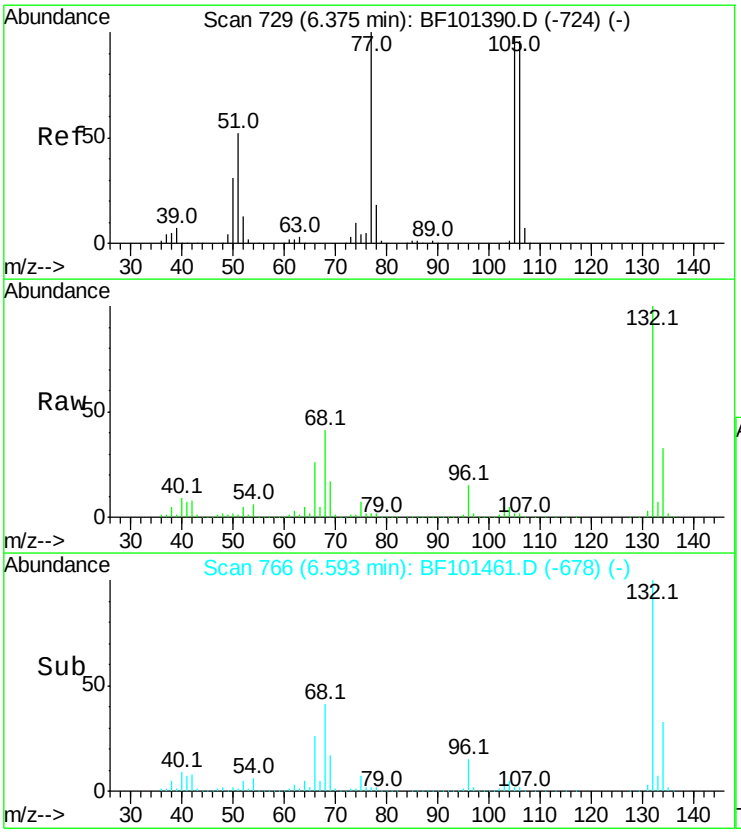
#7
Phenol-d6
Concen: 108.205 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1592865

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	33.8	25.4	38.0

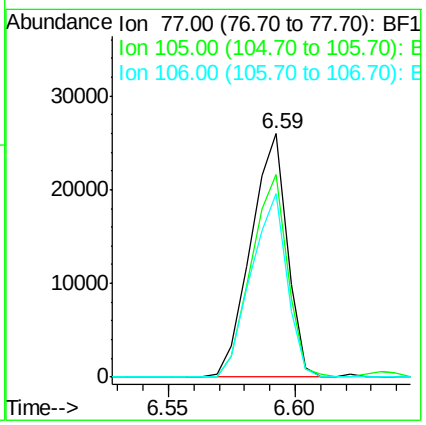


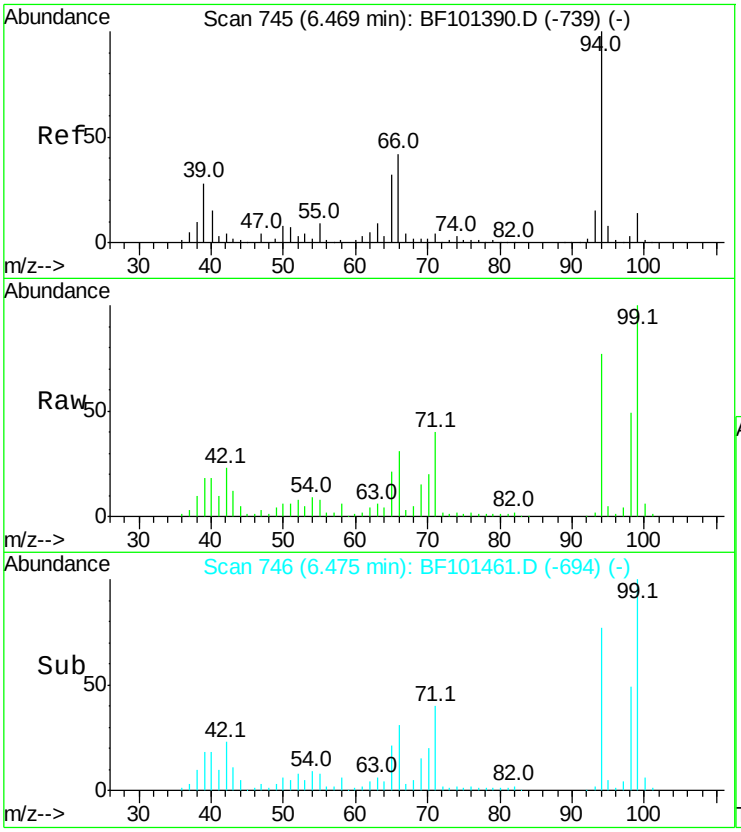


#9
Benzaldehyde
Concen: 2.398 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.22 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion: 77 Resp: 26073

Ion	Ratio	Lower	Upper
77	100		
105	83.1	81.1	121.1
106	75.6	74.5	114.5



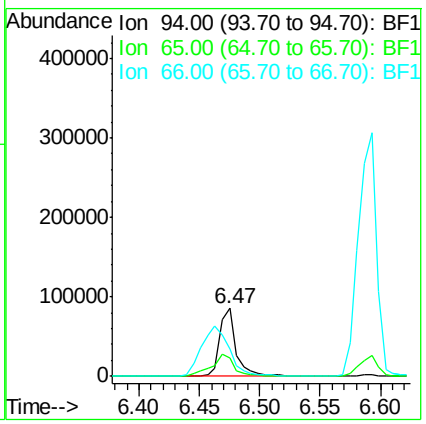


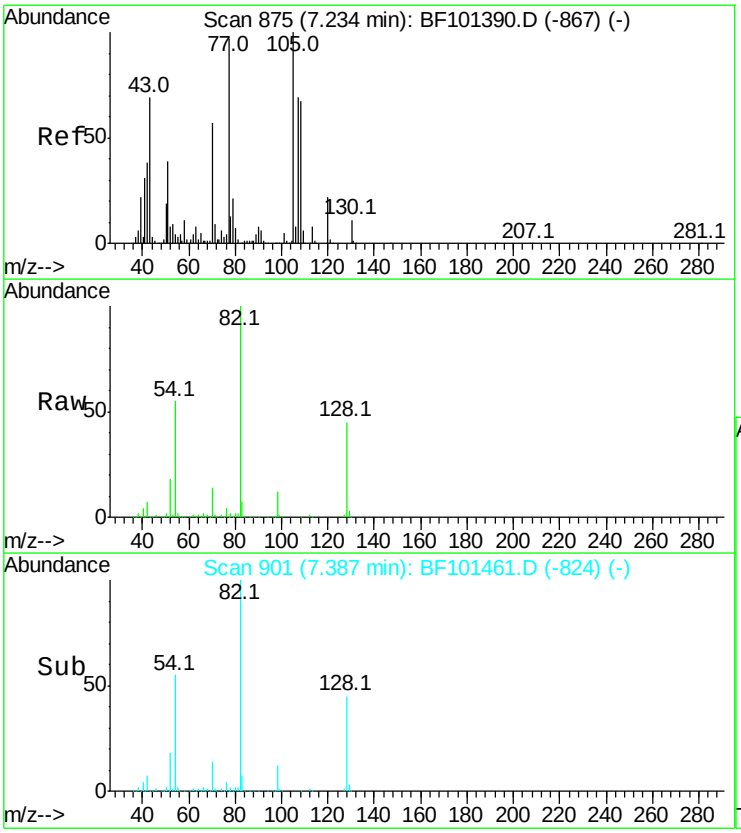
#10
Phenol
Concen: 4.886 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 81981

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	40.3	16.2	56.2

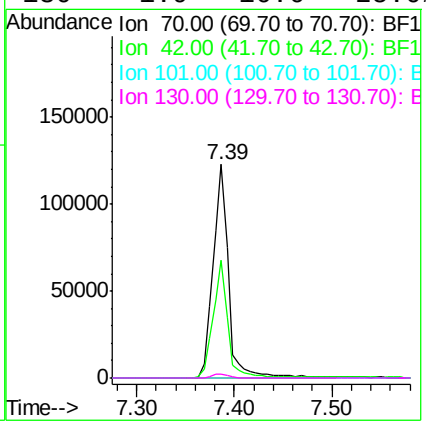


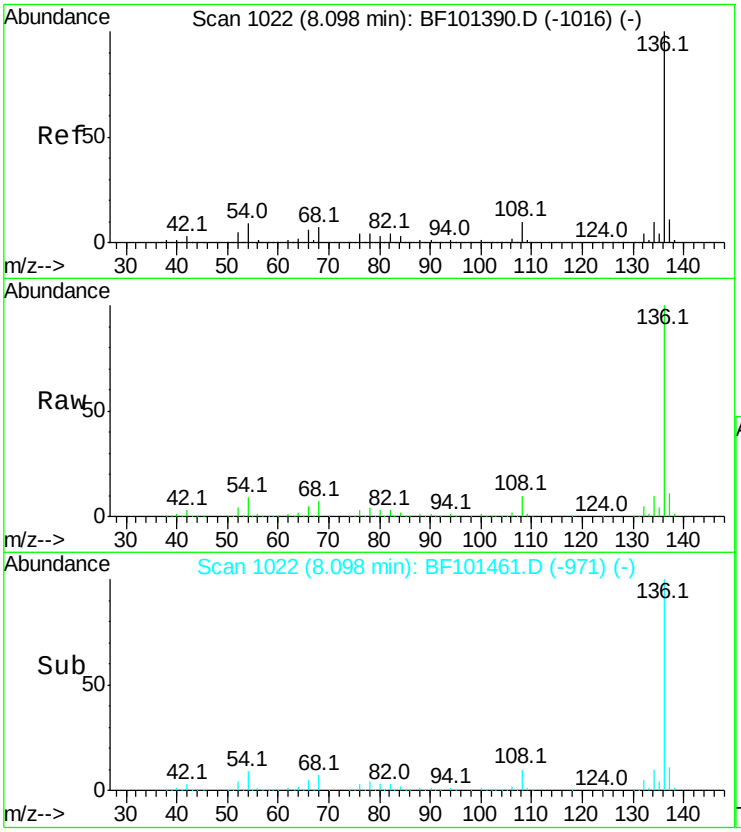


#19
n-Nitroso-di-n-propylamine
Concen: 14.002 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion: 70 Resp: 135363

Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



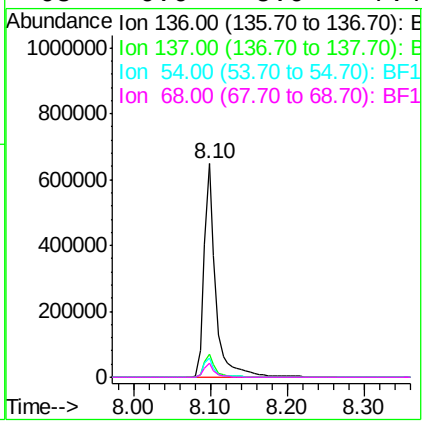


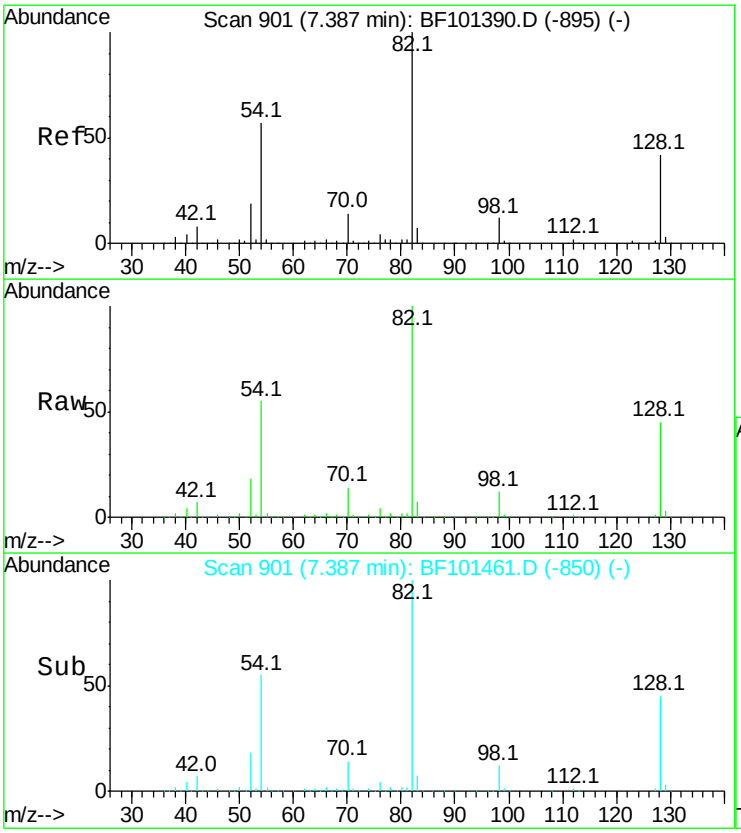
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 679515

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4

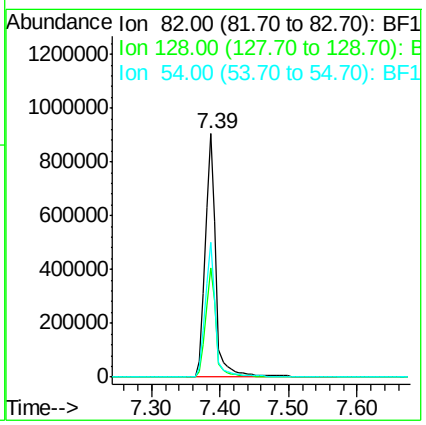


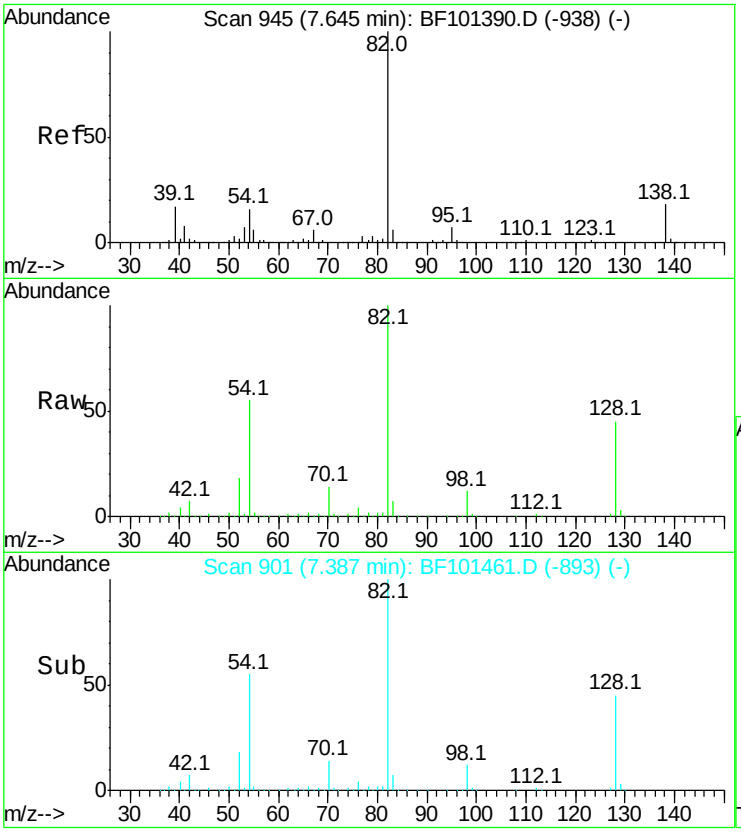


#23
Nitrobenzene-d5
Concen: 82.681 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion: 82 Resp: 1009292

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.1	41.4	62.2



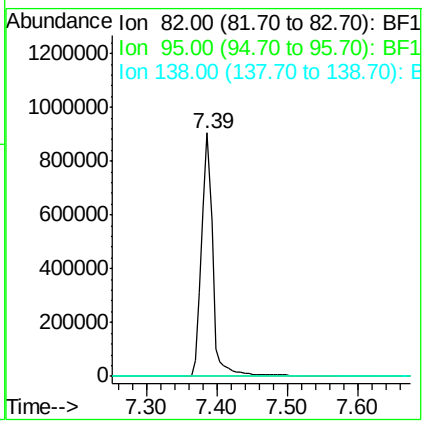


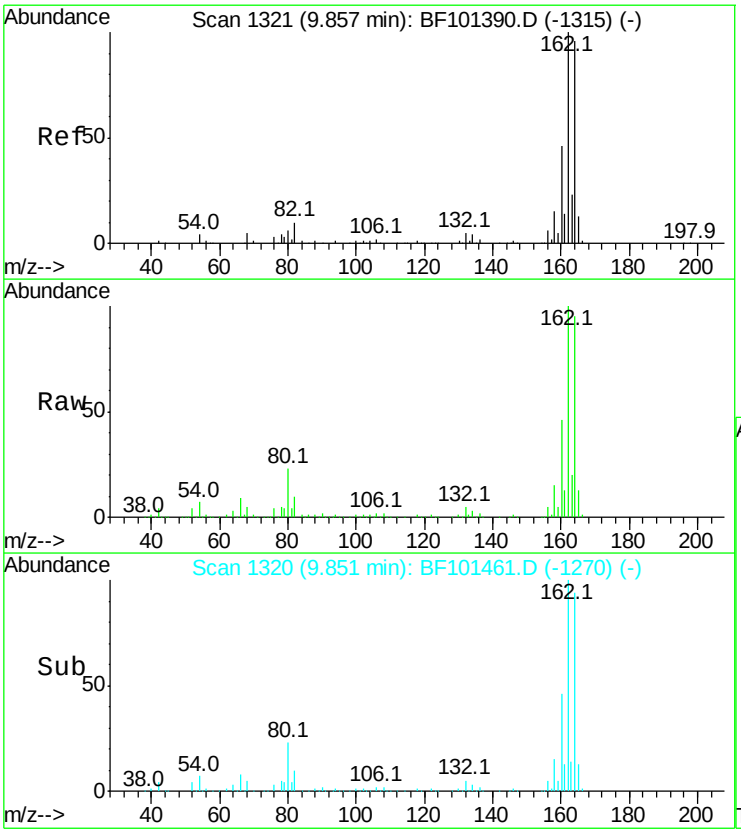
#25
Isophorone
Concen: 41.215 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.25 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1009285

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

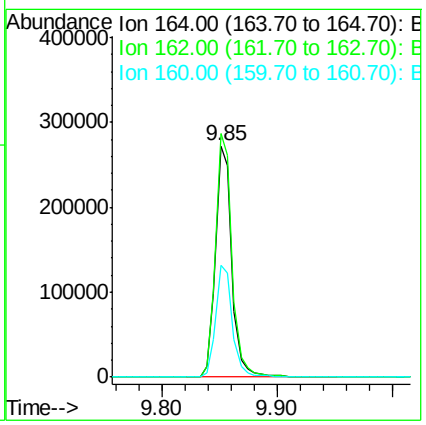


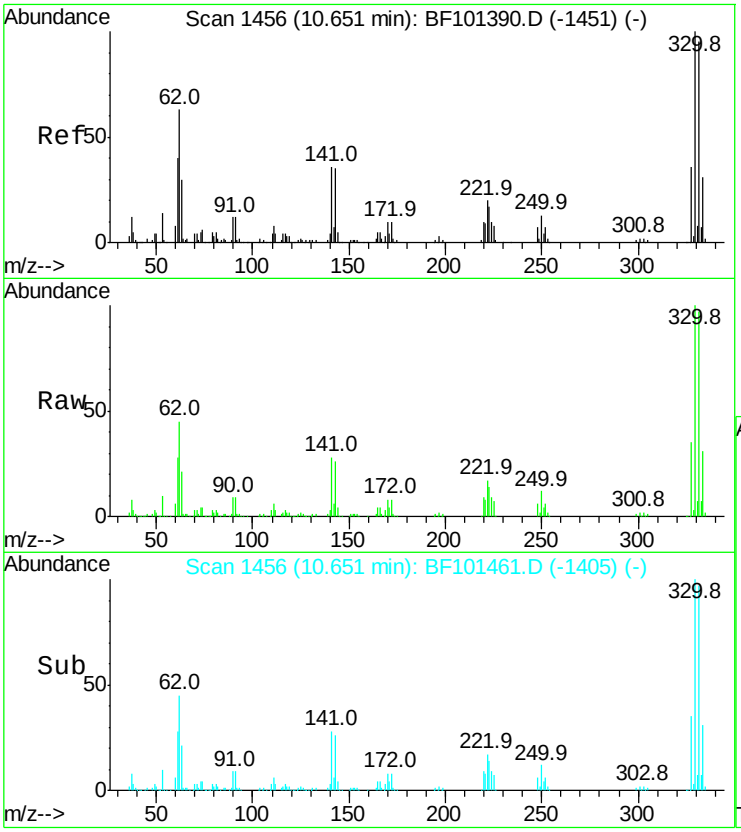


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:164 Resp: 267519

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	48.4	38.3	57.5



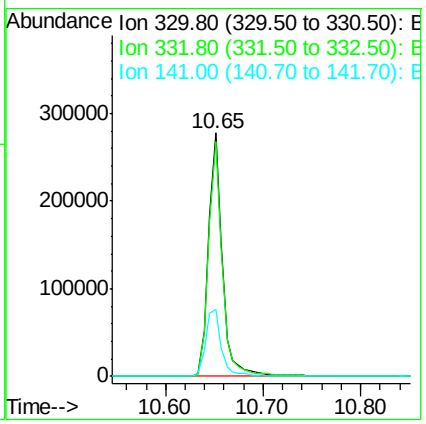


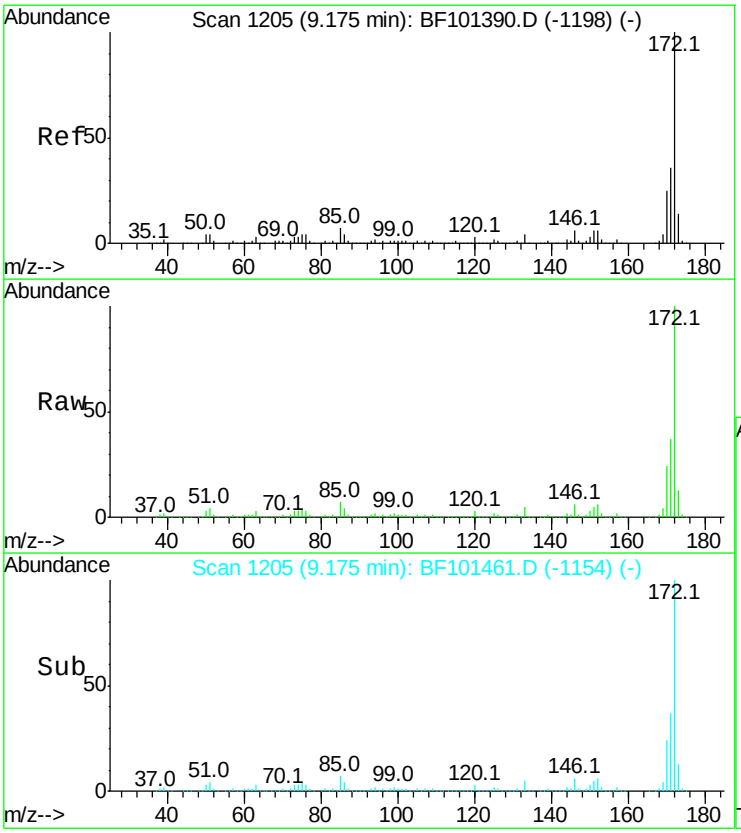
#41
2,4,6-Tribromophenol
Concen: 107.085 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 276038

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.9	29.9	44.9

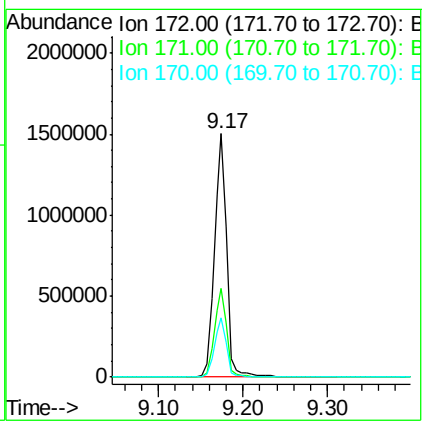


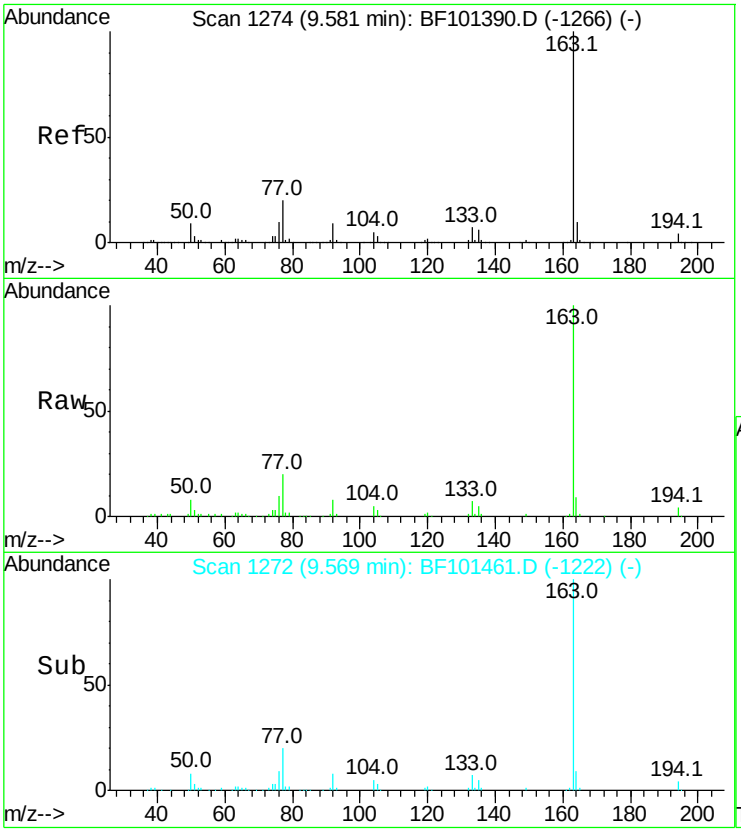


#44
2-Fluorobiphenyl
Concen: 91.034 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:172 Resp: 1569924

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4



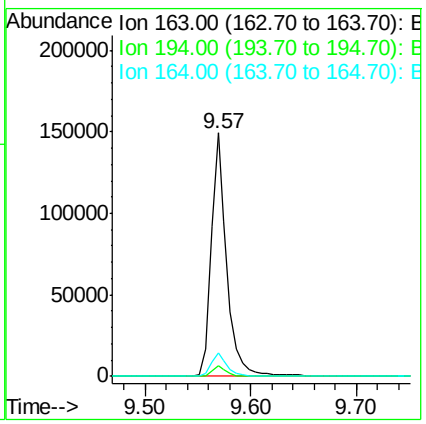


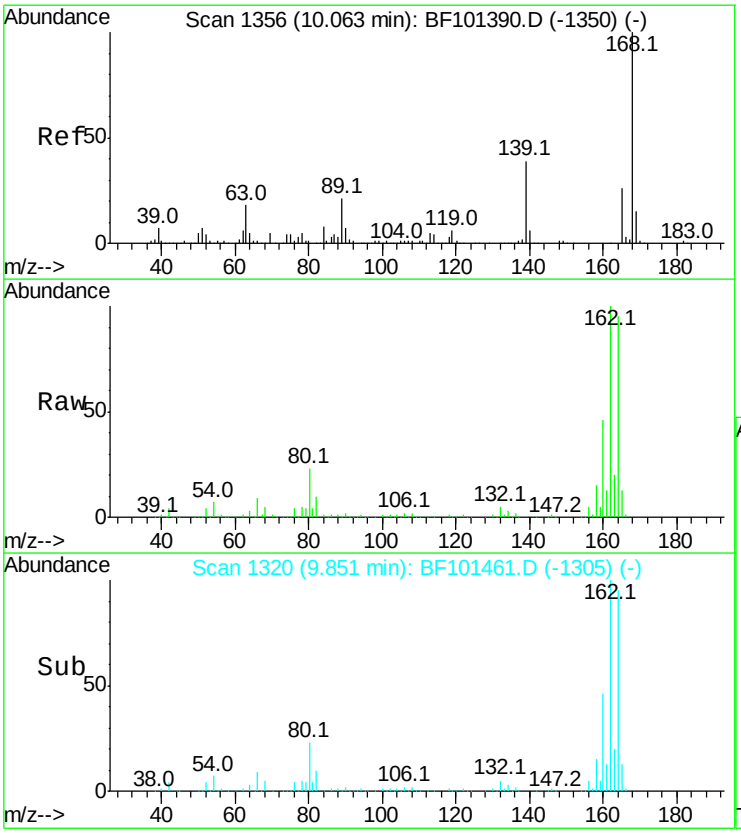
#49
Dimethylphthalate
Concen: 7.178 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 154451

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.5	8.2	12.2

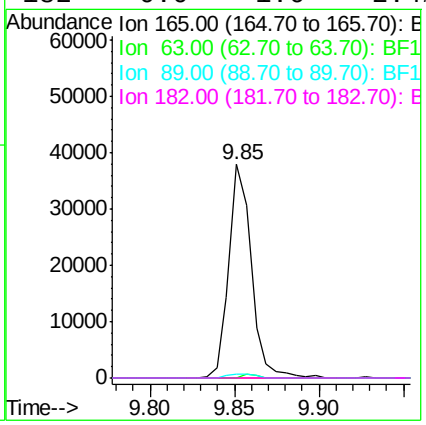


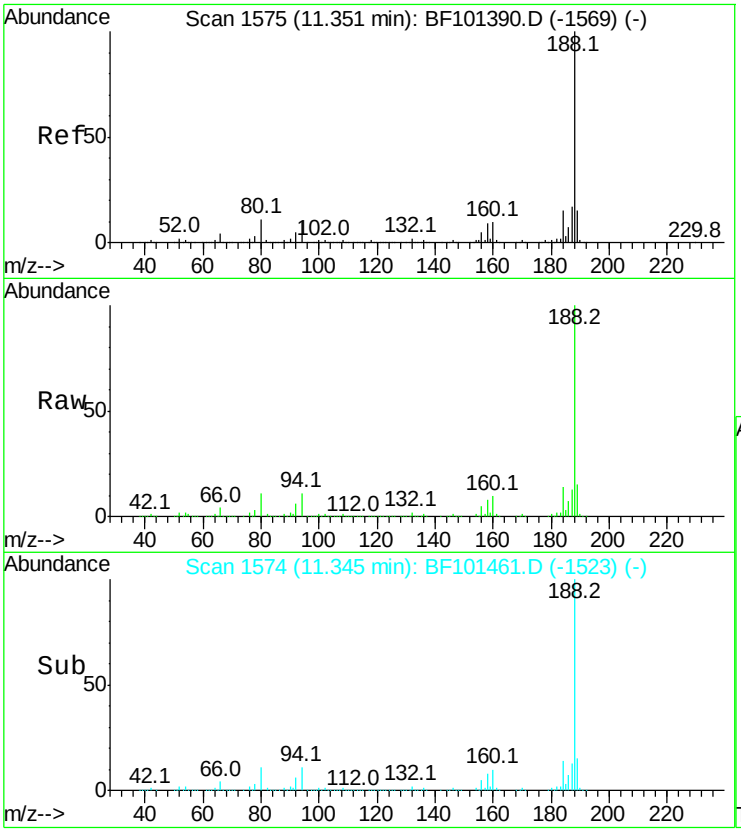


#56
2,4-Dinitrotoluene
Concen: 7.150 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:165 Resp: 35231

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



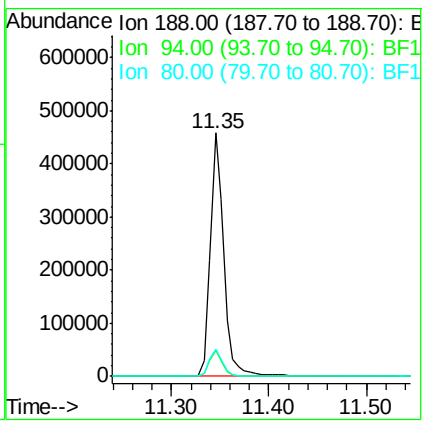


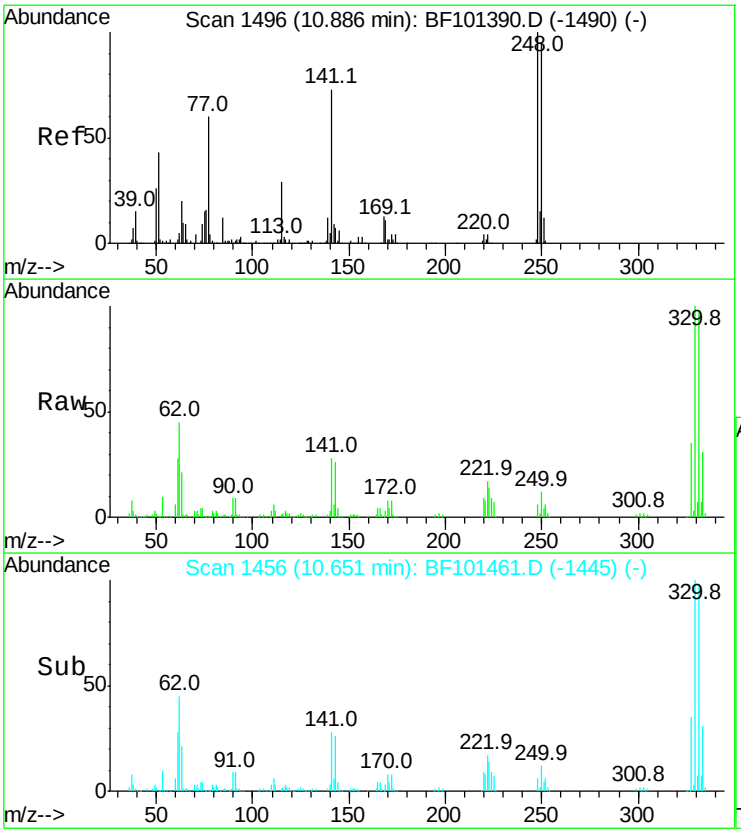
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 437063

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8

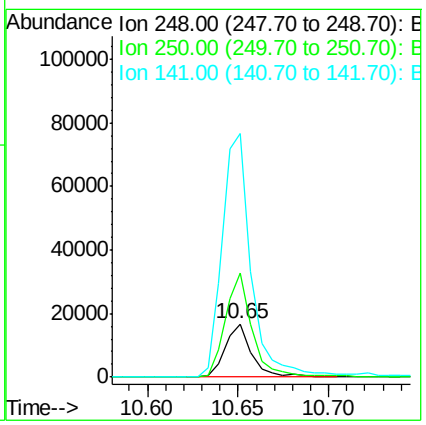


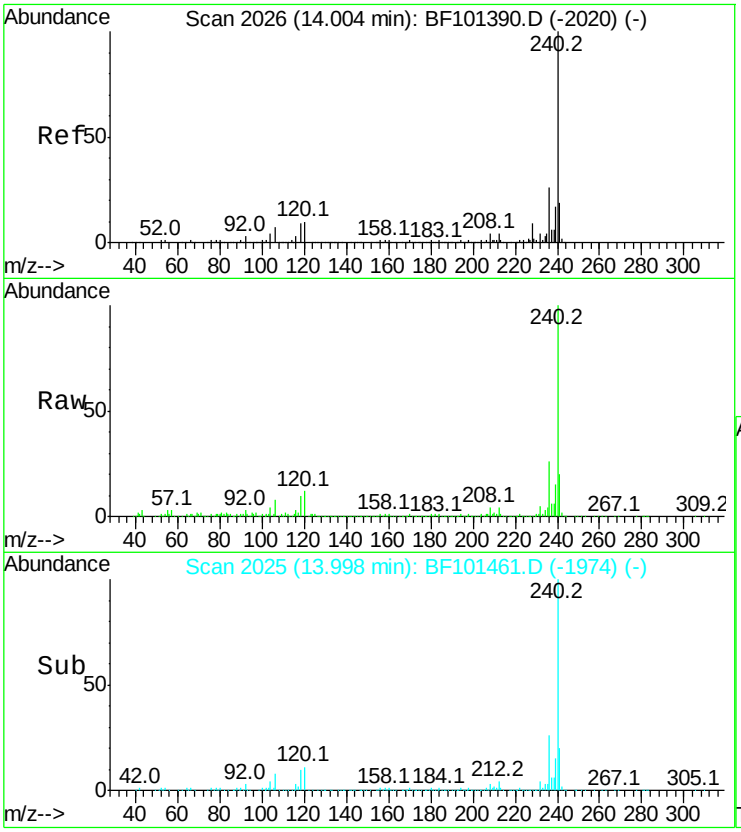


#66
4-Bromophenyl-phenylether
Concen: 3.459 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:248 Resp: 16987

Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.9	115.3#
141	454.9	74.4	111.6#



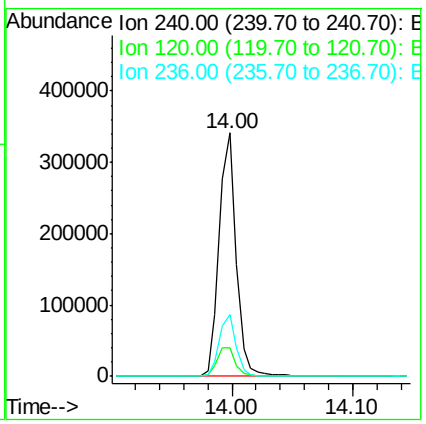


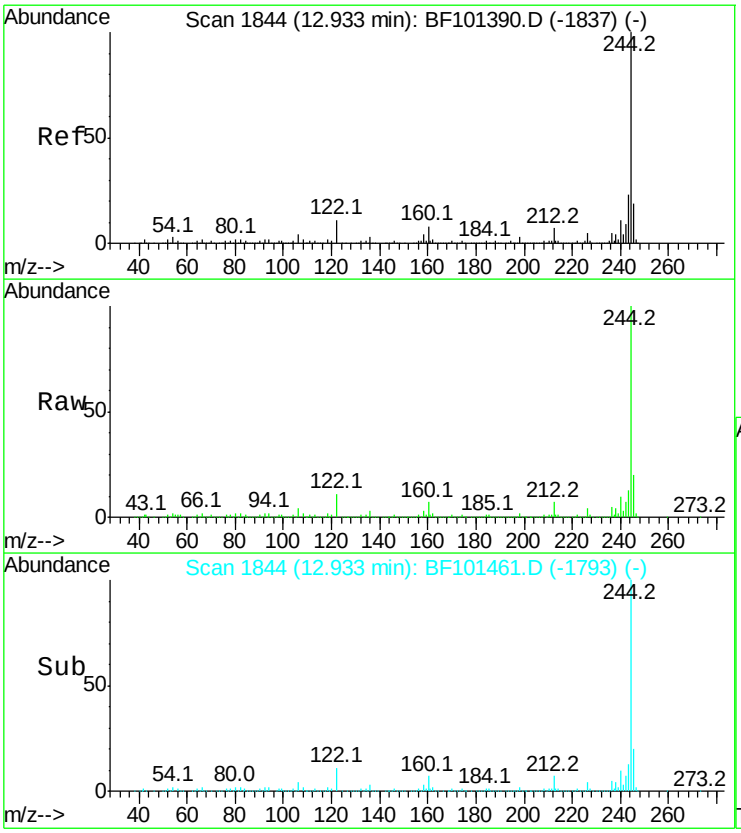
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 332408

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.6	20.7	31.1

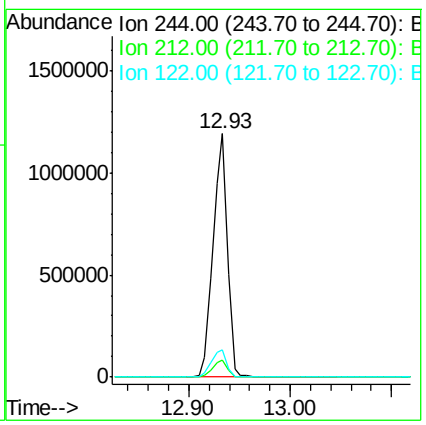


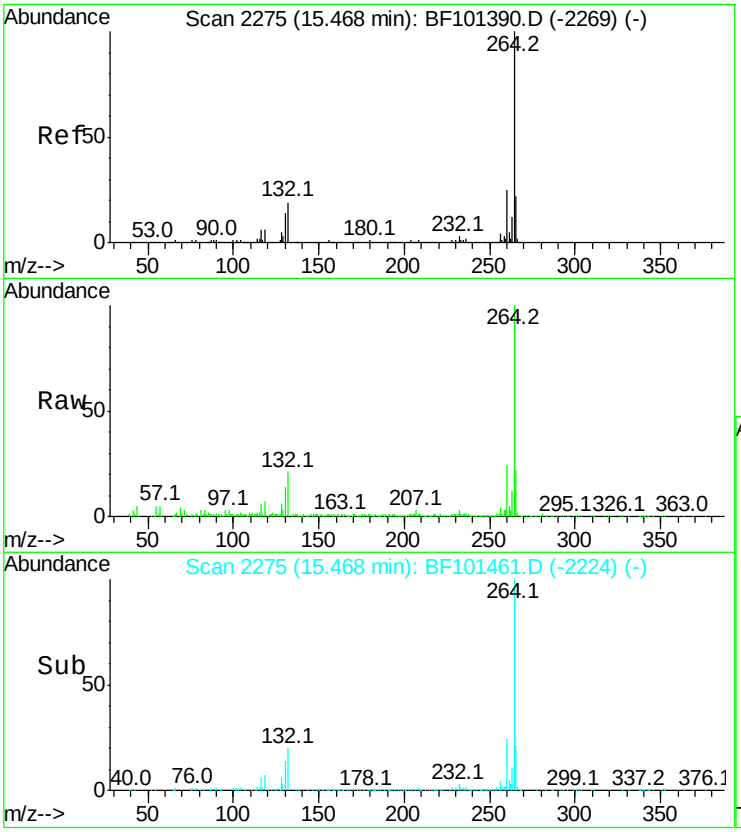


#78
Terphenyl-d14
Concen: 84.681 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Tgt Ion:244 Resp: 1167615

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101461.D
Acq: 15 Dec 2017 23:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 265442

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3