Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102116.D
Acq On : 16 Jan 2018 18:21
Operator : SJ/JU
Sample : J1115-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 17 01:04:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146465	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	606674	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	271295	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	484871	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	377355	20.00	ng		-0.02
86) Perylene-d12	15.27	264	258068	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	884113	85.24	ng		0.00
7) Phenol-d6	6.36	99	1040878	84.11	ng		0.00
23) Nitrobenzene-d5	7.28	82	666316	64.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	243874	103.01	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	988661	56.93	ng		-0.01
78) Terphenyl-d14	12.82	244	886577	48.78	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	19369	2.254	ng		86
10) Phenol	6.36	94	41472	2.965	ng		86
19) n-Nitroso-di-n-propylamine	7.28	70	87554	10.796	ng	#	82
25) Isophorone	7.28	82	666310	32.664	ng	#	64
49) Dimethylphthalate	9.47	163	166847	7.666	ng		100
56) 2,4-Dinitrotoluene	9.75	165	35519	6.519	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.54	198	571	5.853	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	16208	3.165	ng	#	1

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

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Acq On : 16 Jan 2018 18:21
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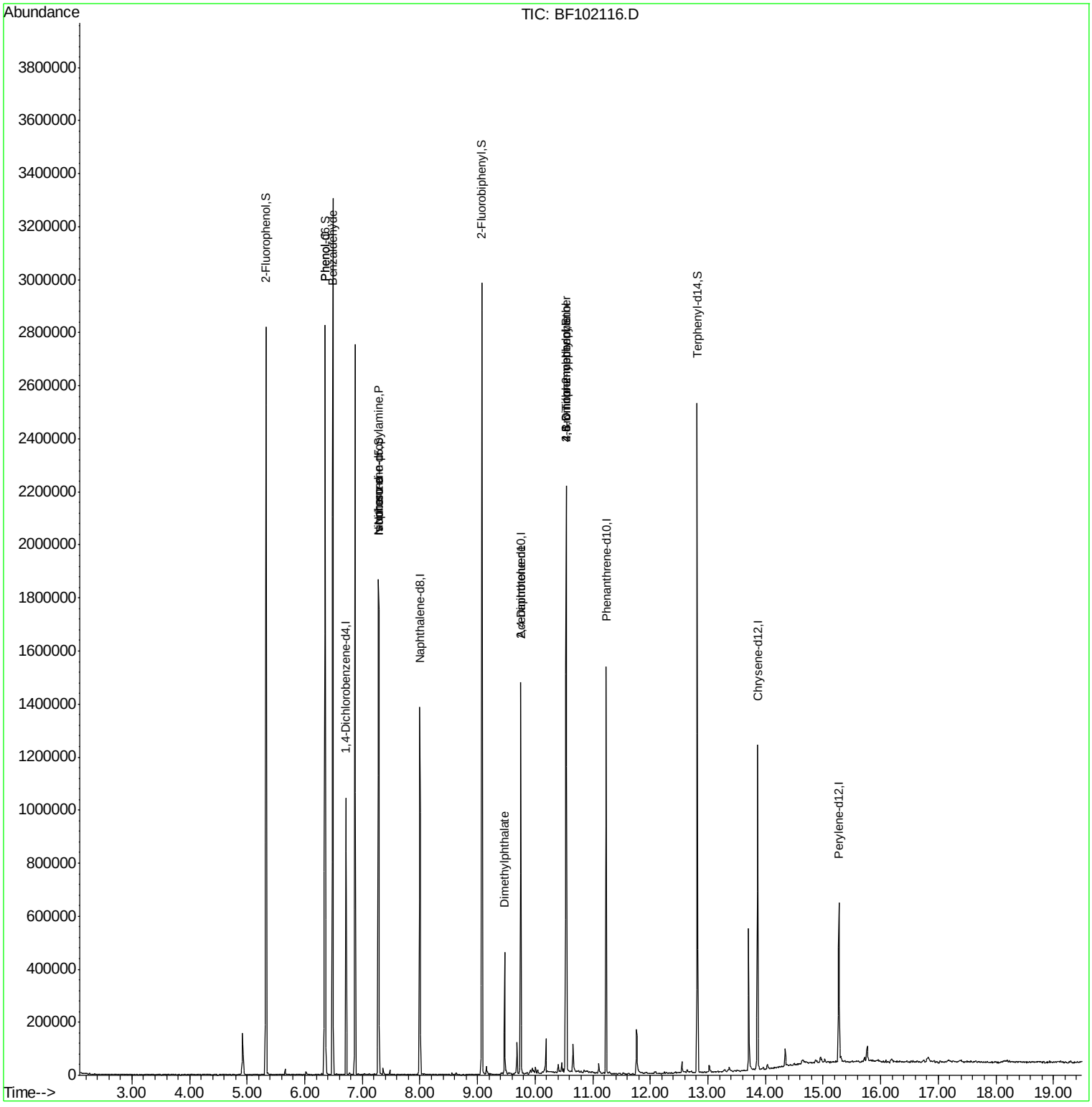
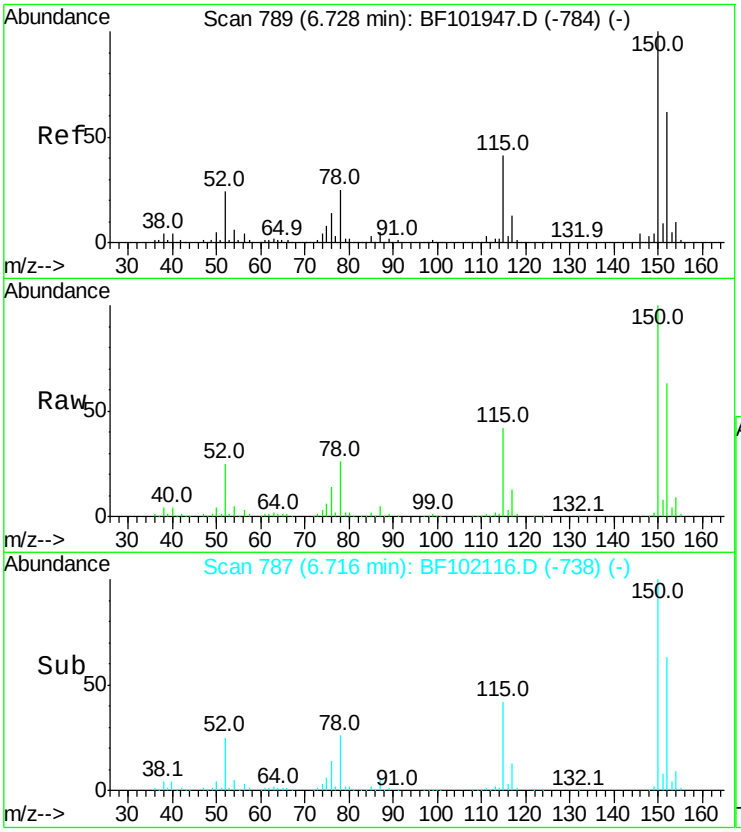


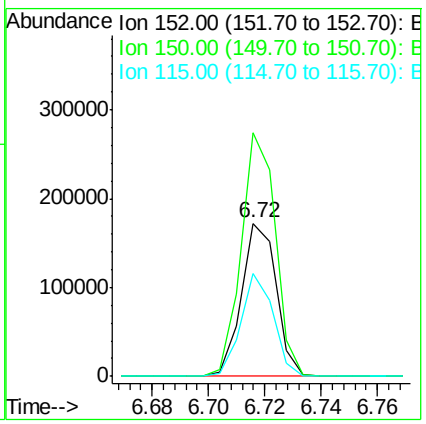


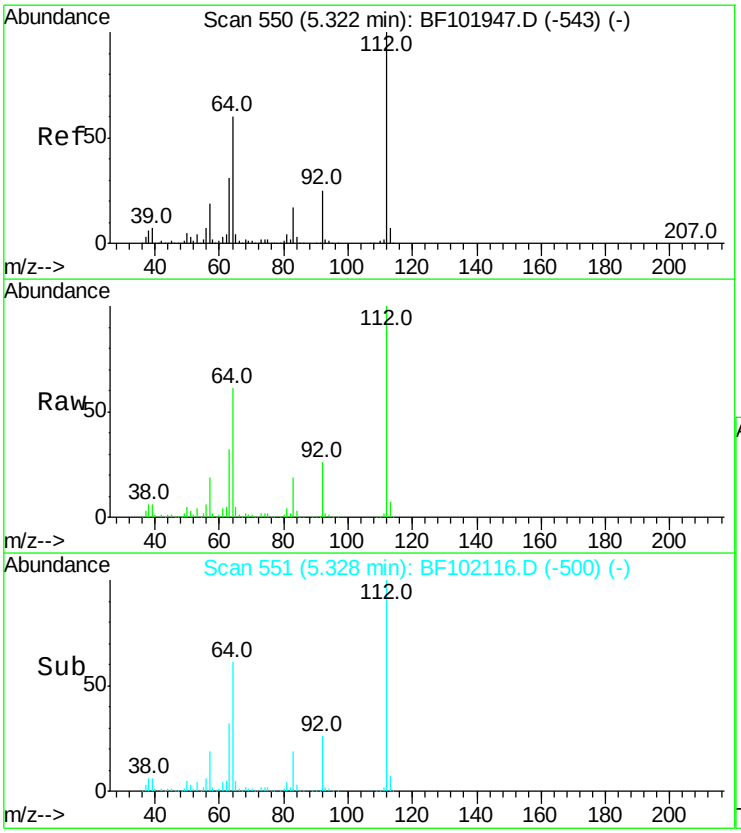
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146465

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	67.2	50.1	75.1

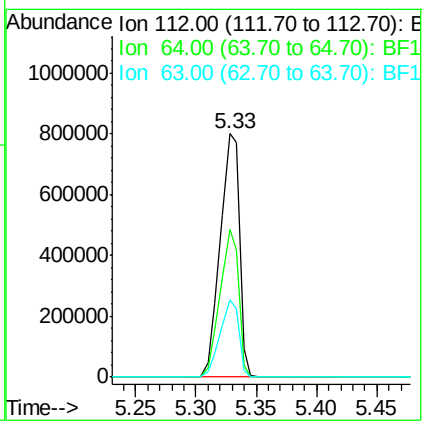


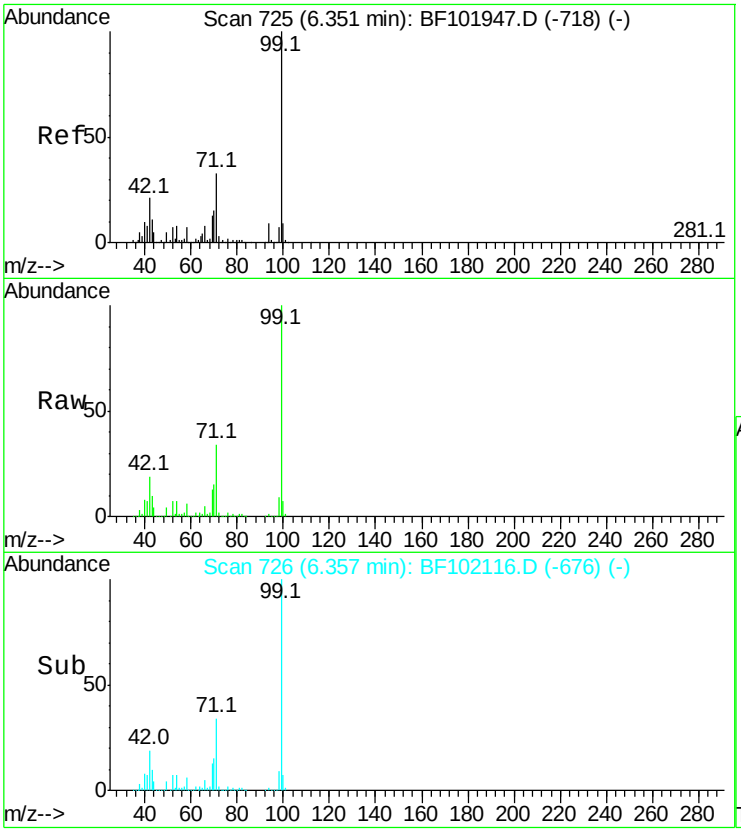


#5
2-Fluorophenol
Concen: 85.238 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:112 Resp: 884113

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.7	23.7	35.5



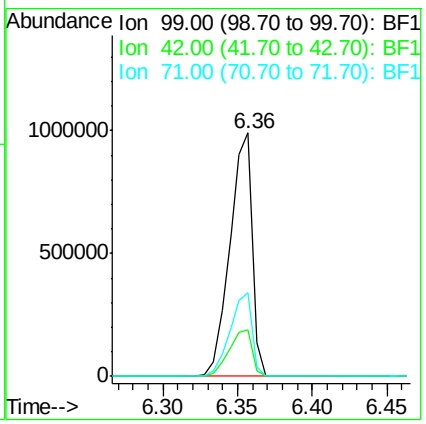


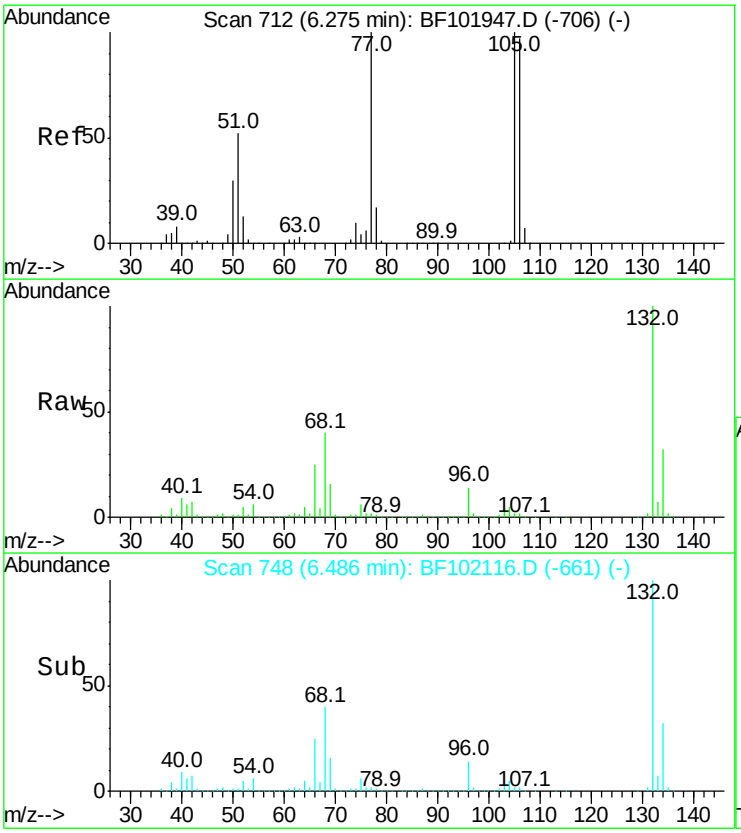
#7
Phenol-d6
Concen: 84.110 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1040878

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	34.3	25.4	38.0

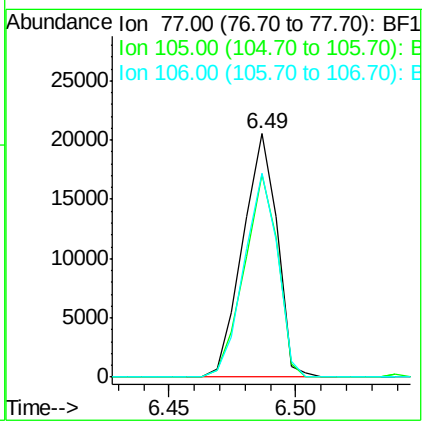


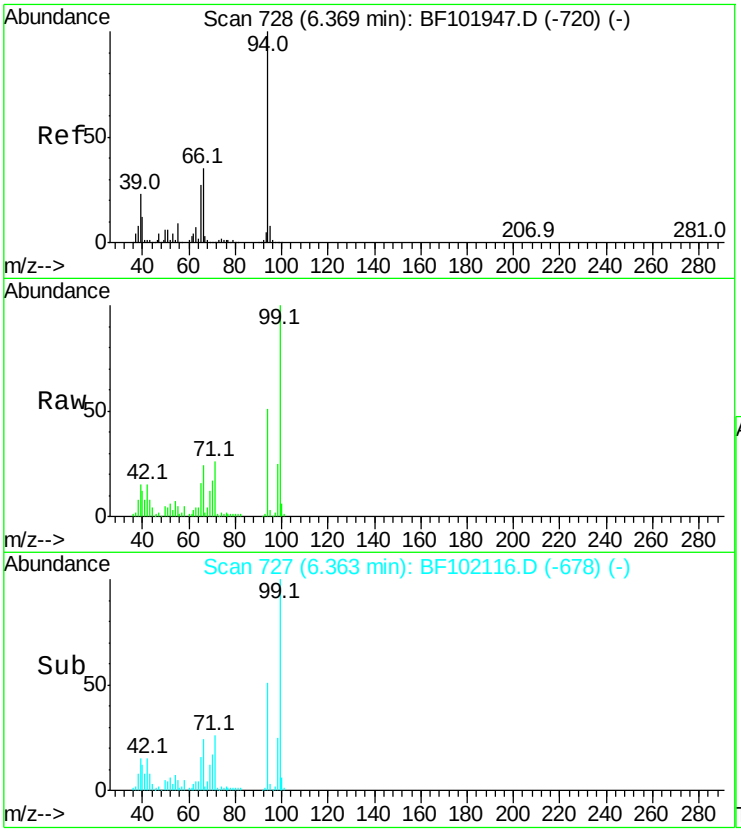


#9
Benzaldehyde
Concen: 2.254 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion: 77 Resp: 19369

Ion	Ratio	Lower	Upper
77	100		
105	83.4	81.1	121.1
106	83.7	74.5	114.5



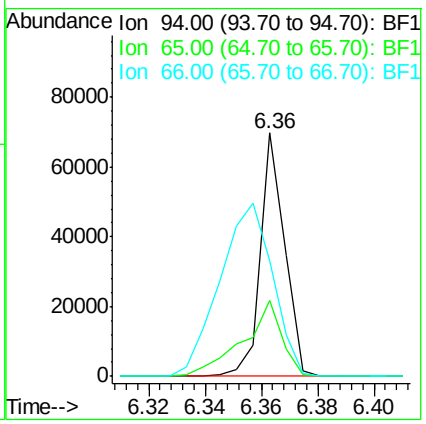


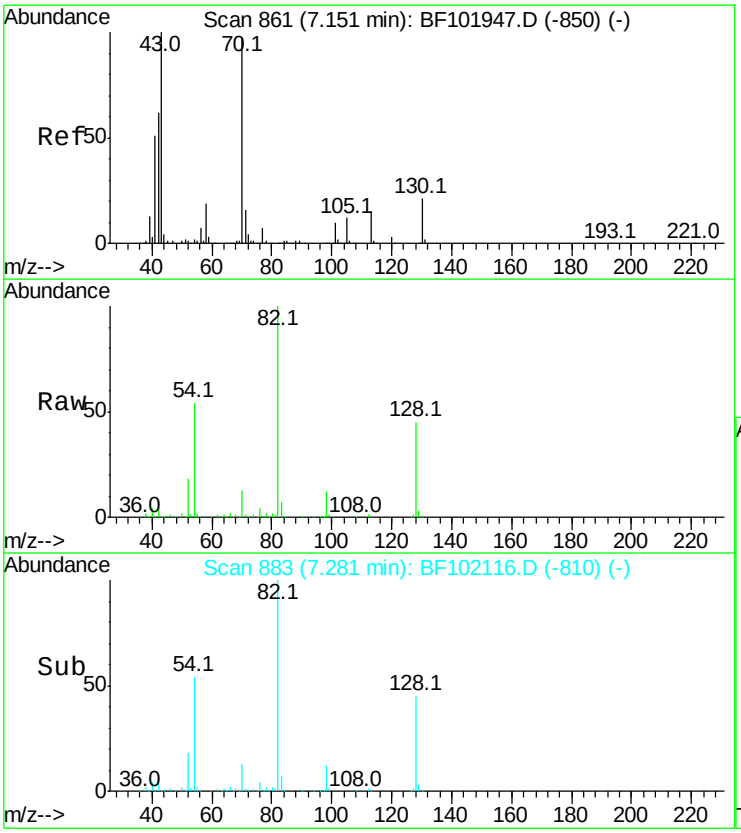
#10
Phenol
Concen: 2.965 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 41472

Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.9	47.9
66	47.5	16.2	56.2

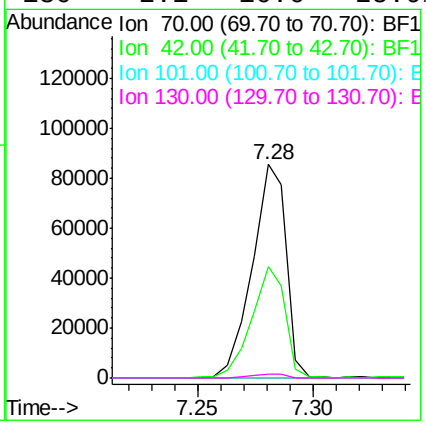


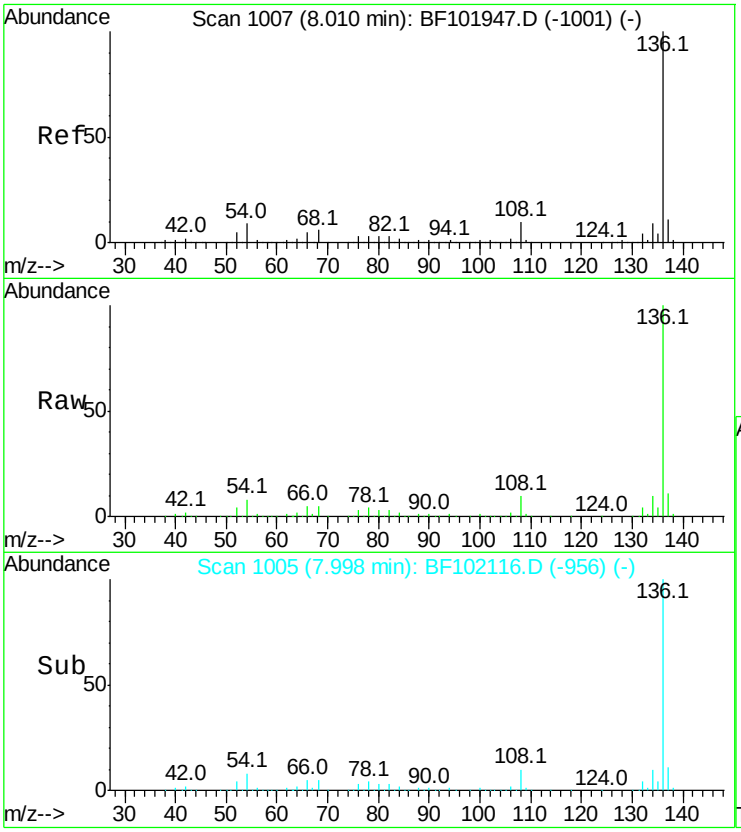


#19
n-Nitroso-di-n-propylamine
Concen: 10.796 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion: 70 Resp: 87554

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



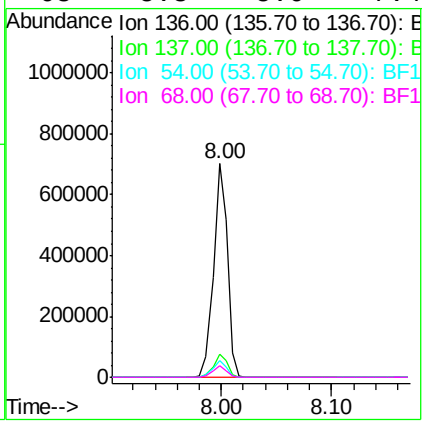


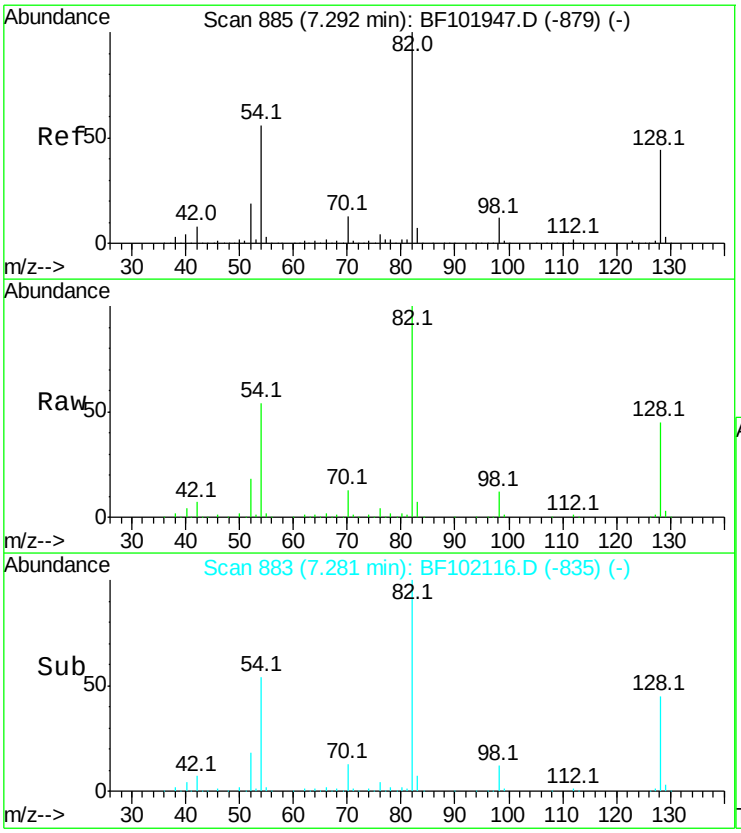
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 606674

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	9.8
68	5.3	5.0	7.4

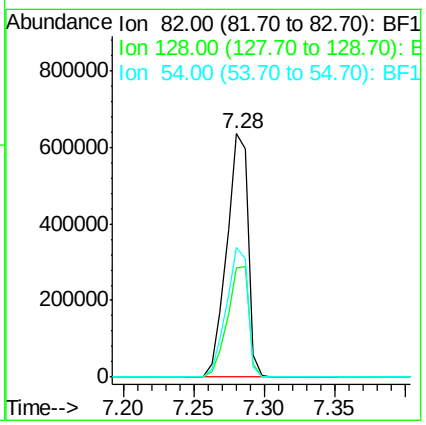


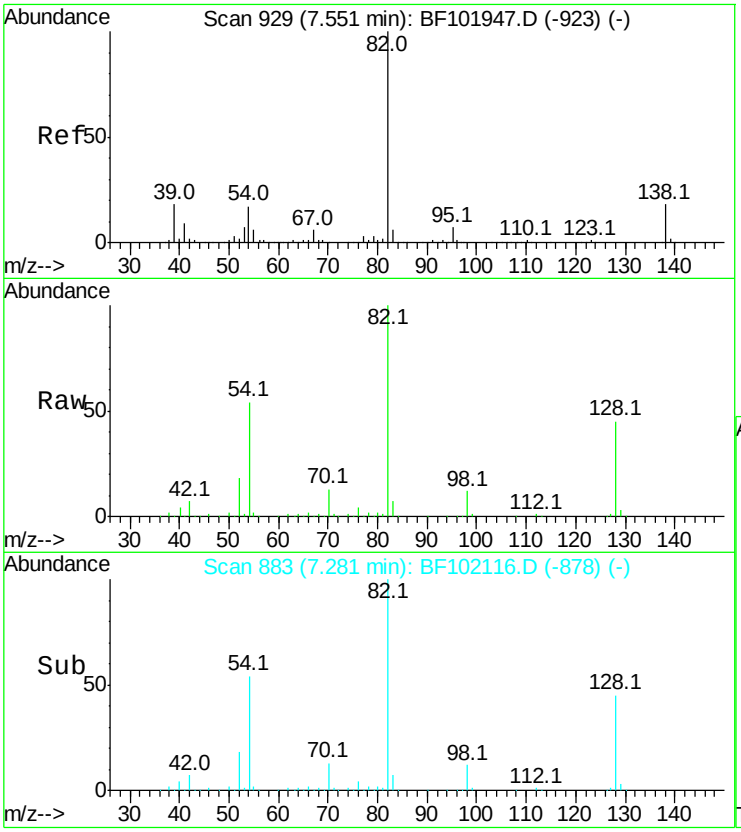


#23
Nitrobenzene-d5
Concen: 64.541 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion: 82 Resp: 666316

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	53.5	41.4	62.2



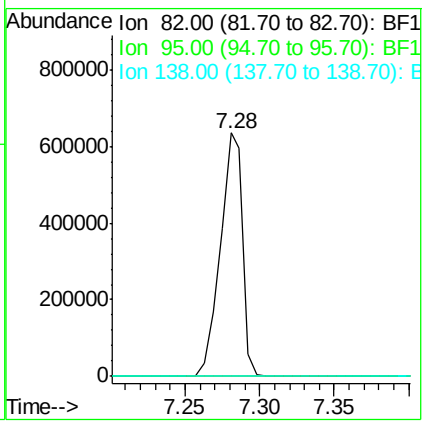


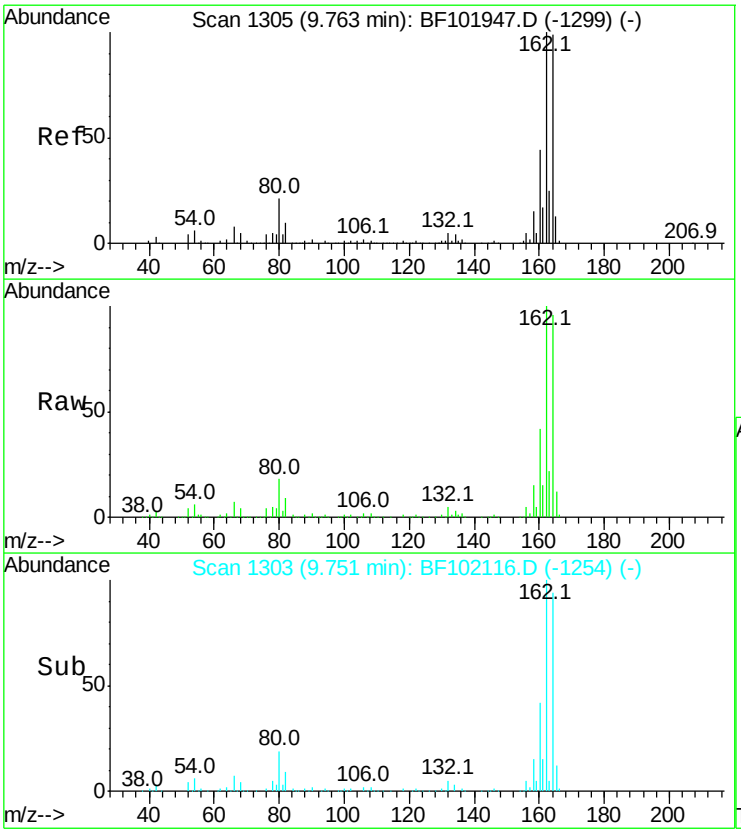
#25
Isophorone
Concen: 32.664 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 666310

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

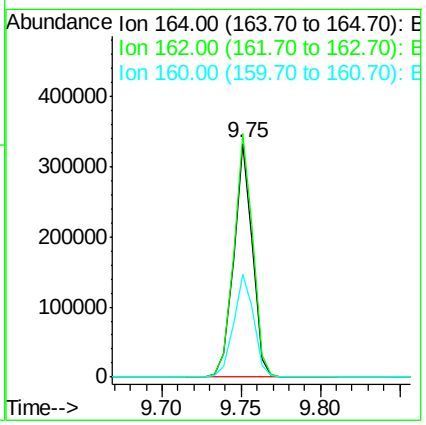


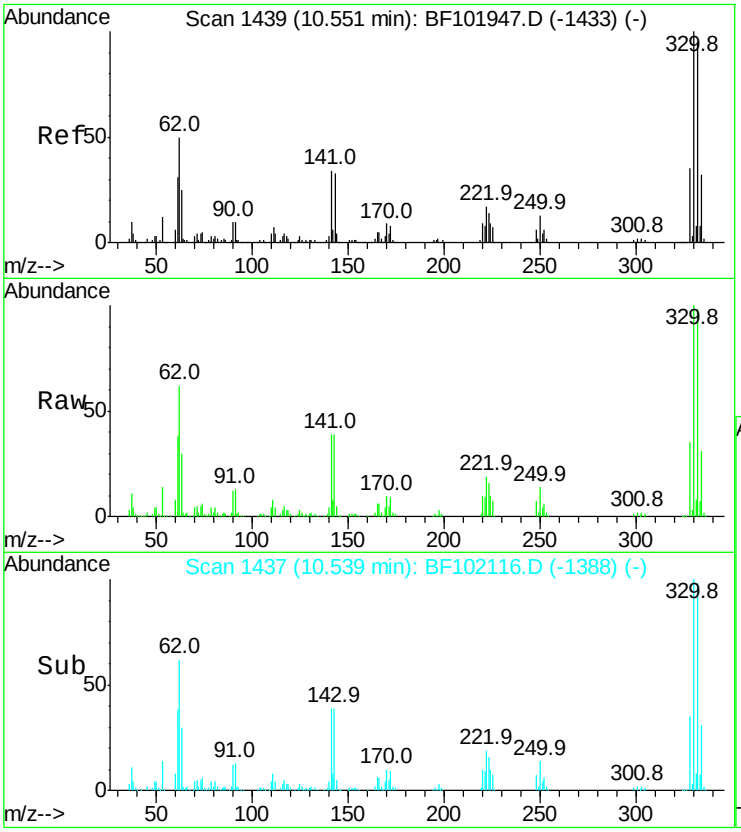


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:164 Resp: 271295

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	44.1	38.3	57.5



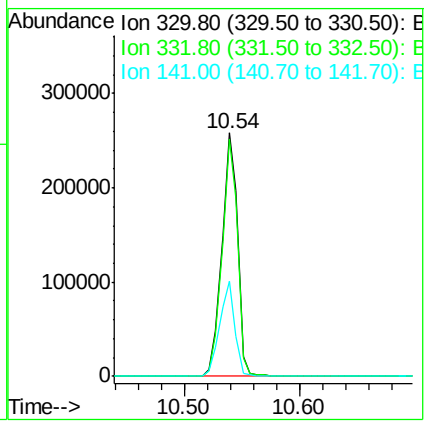


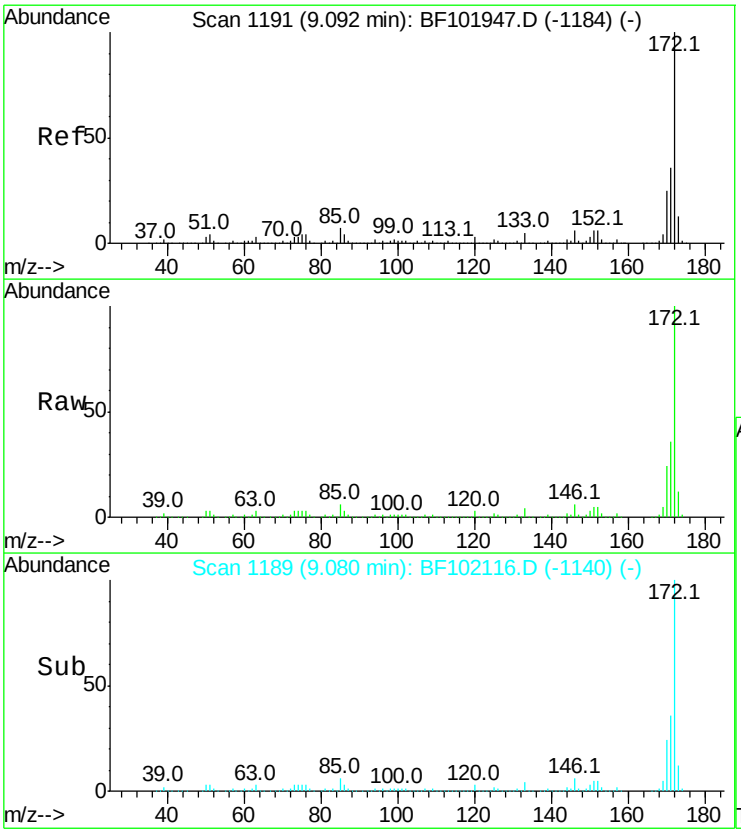
#41
2,4,6-Tribromophenol
Concen: 103.007 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 243874

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.5	29.9	44.9

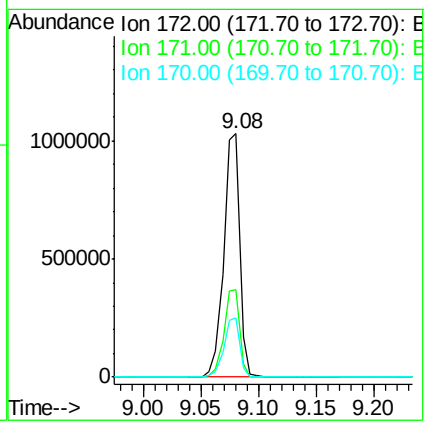


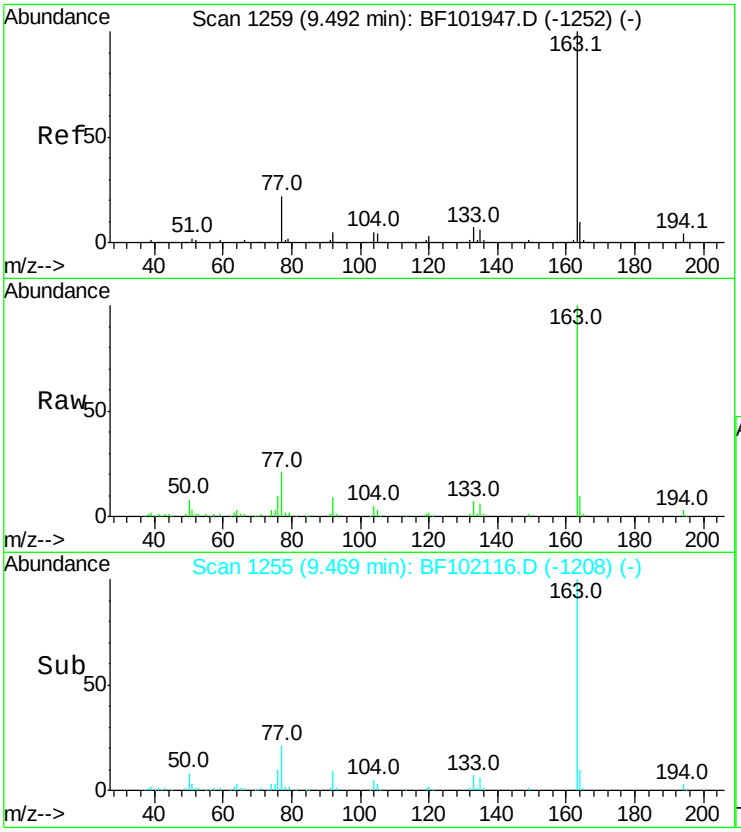


#44
2-Fluorobiphenyl
Concen: 56.933 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:172 Resp: 988661

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4



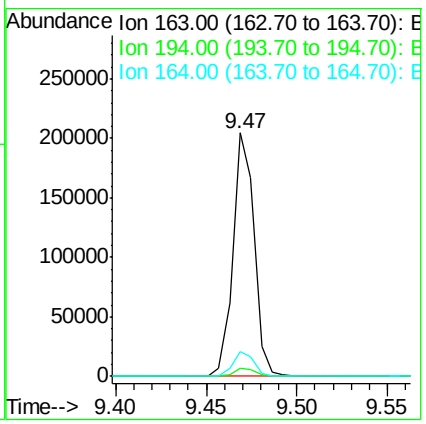


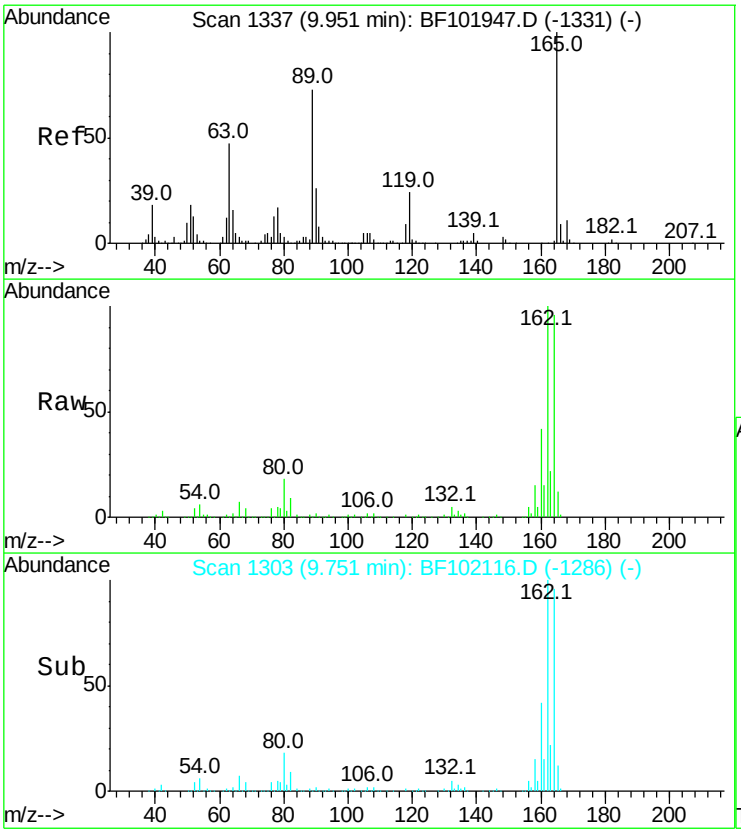
#49
Dimethylphthalate
Concen: 7.666 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 166847

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2

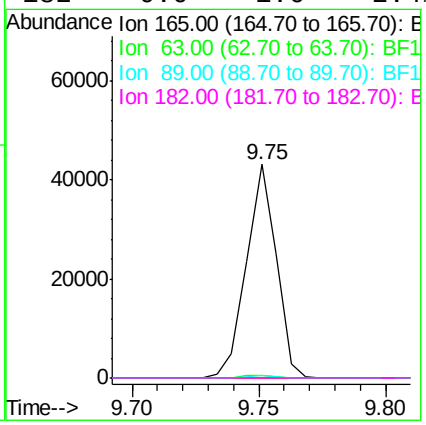


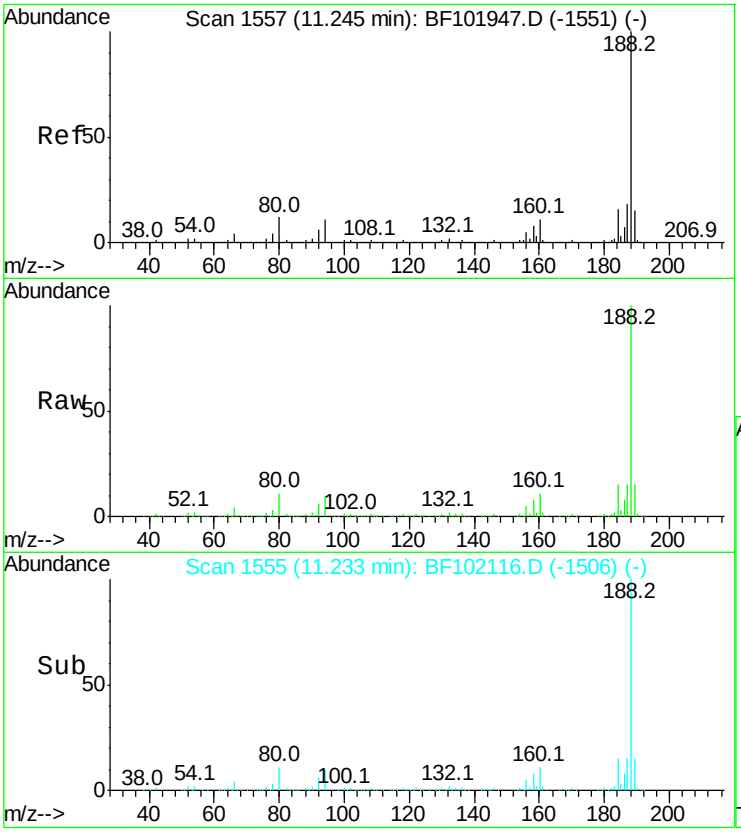


#56
2,4-Dinitrotoluene
Concen: 6.519 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:165 Resp: 35519

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



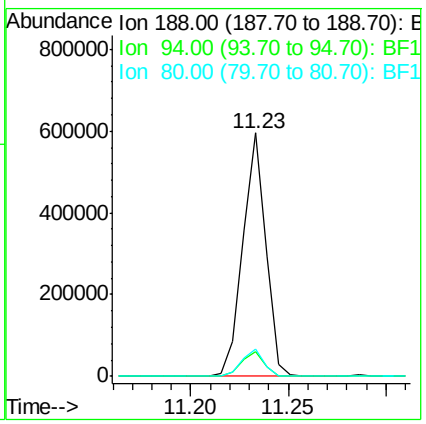


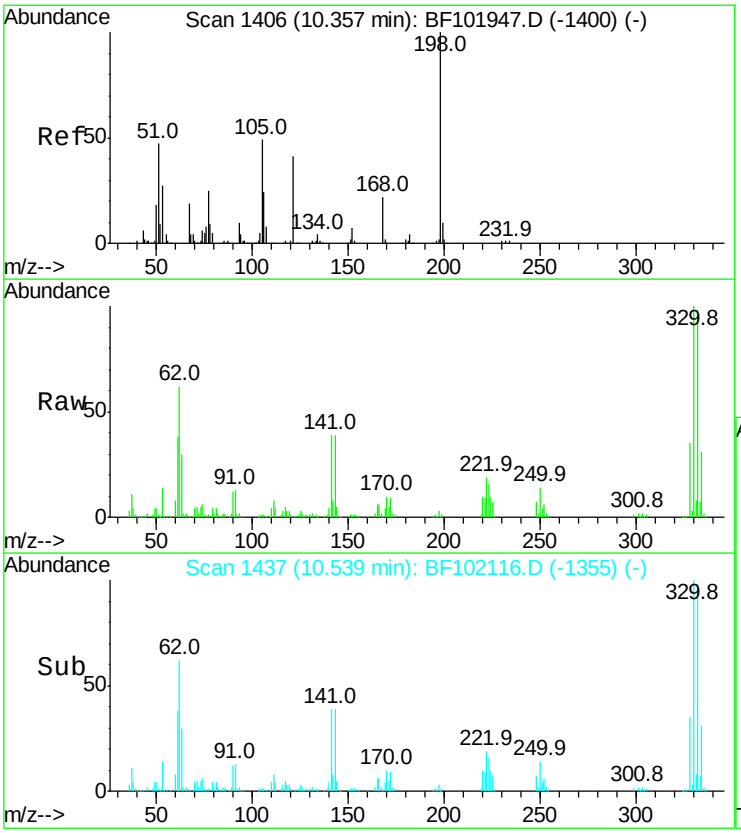
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 484871

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

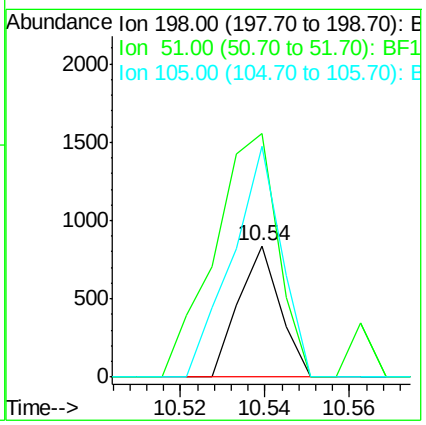


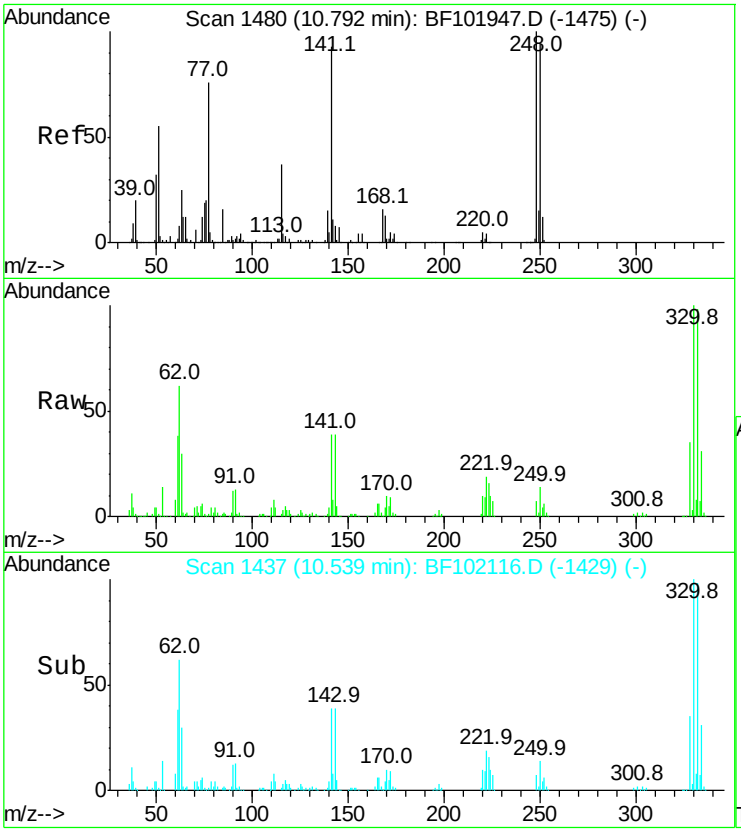


#64
4,6-Dinitro-2-methylphenol
Concen: 5.853 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:198 Resp: 571

Ion	Ratio	Lower	Upper
198	100		
51	185.3	37.7	77.7#
105	175.7	36.3	76.3#



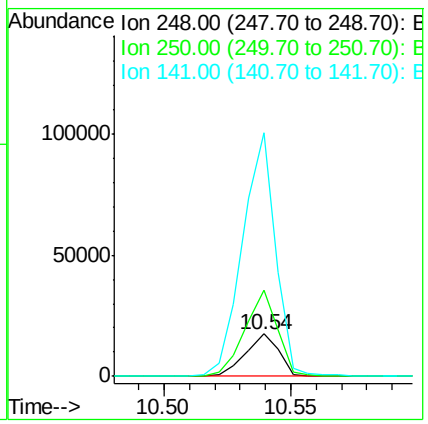


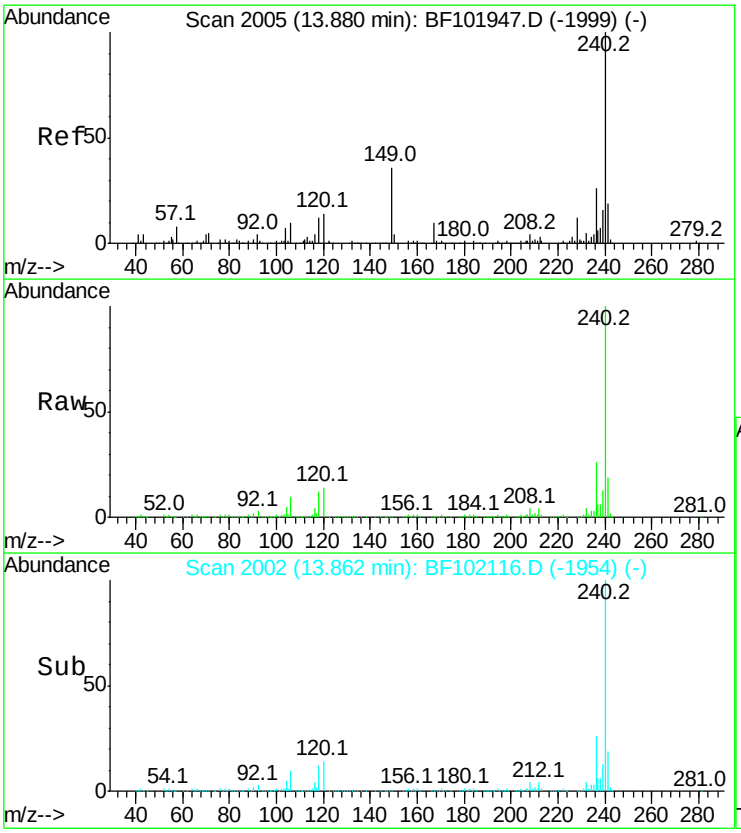
#66
4-Bromophenyl-phenylether
Concen: 3.165 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16208

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.9	115.3#
141	574.6	74.4	111.6#

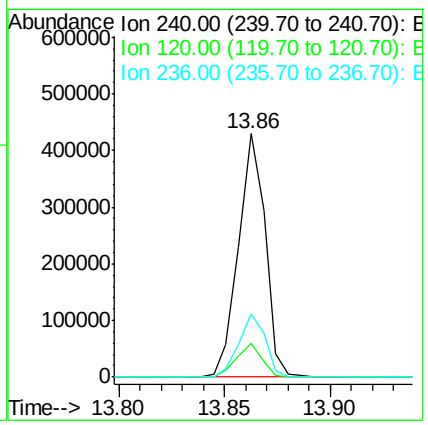


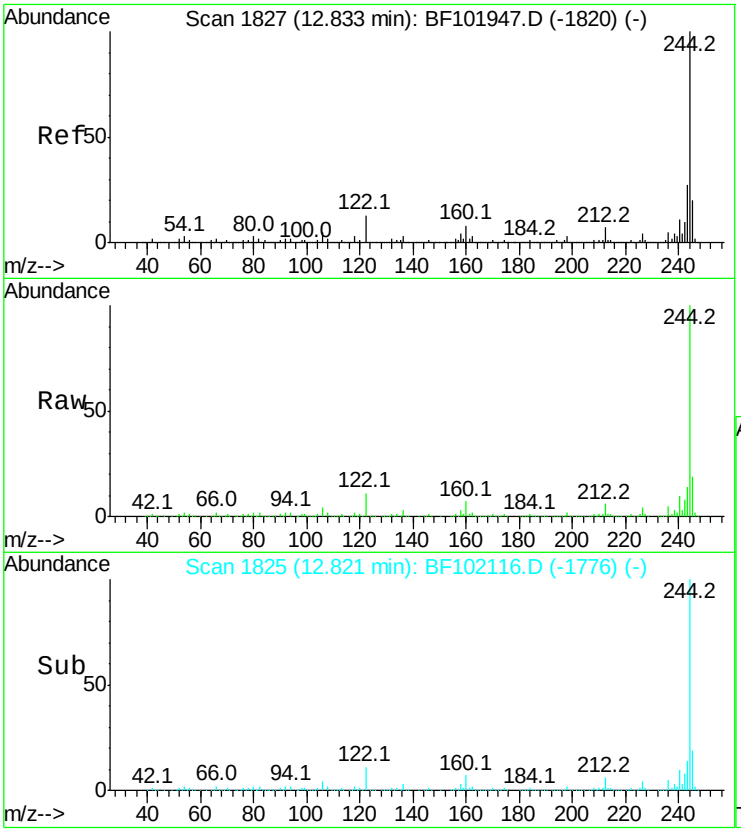


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:240 Resp: 377355

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.1	20.7	31.1



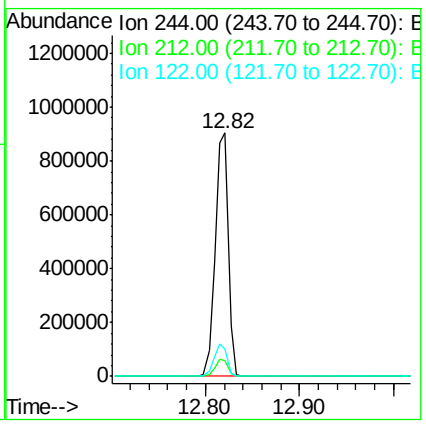


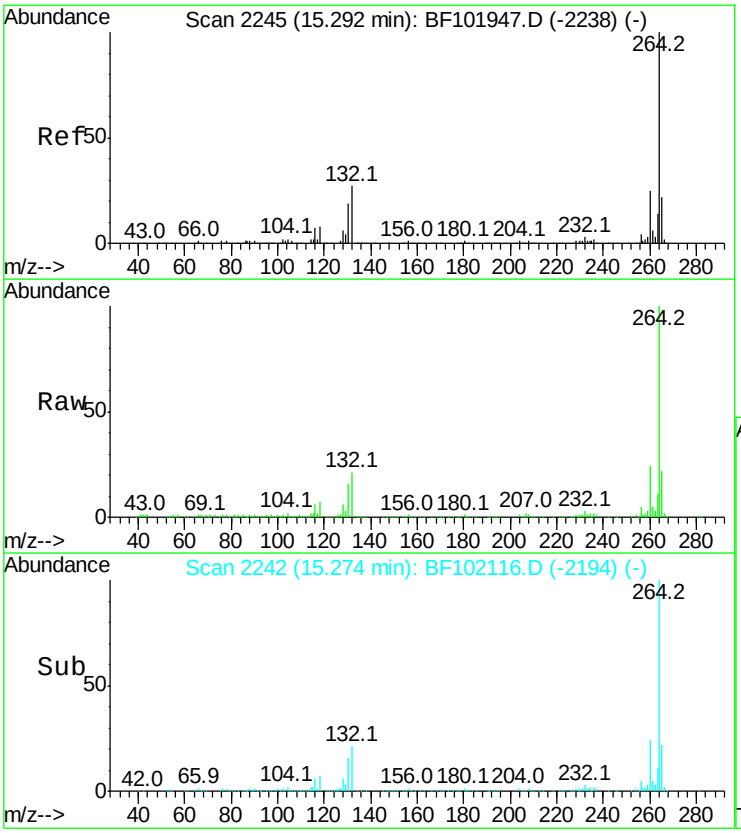
#78
Terphenyl-d14
Concen: 48.781 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 886577

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:264 Resp: 258068

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.5	26.3