Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
Data File : BF102552.D
Acq On : 28 Jan 2018 11:04
Operator : SJ/JU
Sample : J1321-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 28 23:57:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	178302	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	683420	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	274023	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	377341	20.00	ng		0.00
75) Chrysene-d12	13.87	240	301317	20.00	ng		0.00
86) Perylene-d12	15.30	264	255360	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	607150	51.63	ng		0.00
7) Phenol-d6	6.35	99	462003	32.59	ng		-0.01
23) Nitrobenzene-d5	7.29	82	944063	79.38	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	238714	87.92	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1525584	81.86	ng		0.00
78) Terphenyl-d14	12.82	244	980935	73.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	22827	2.344	ng		84
18) Hexachloroethane	7.24	117	45544	8.900	ng	#	40
19) n-Nitroso-di-n-propylamine	7.28	70	131119	15.113	ng	#	83
25) Isophorone	7.29	82	944294	44.540	ng	#	64
49) Dimethylphthalate	9.47	163	47432	2.094	ng		100
51) Acenaphthene	9.78	154	47288	2.729	ng		99
53) 2,4-Dinitrophenol	9.89	184	1191	4.214	ng	#	59
57) Fluorene	10.29	166	62844	3.382	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	15617	3.845	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
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Acq On : 28 Jan 2018 11:04
Operator : SJ/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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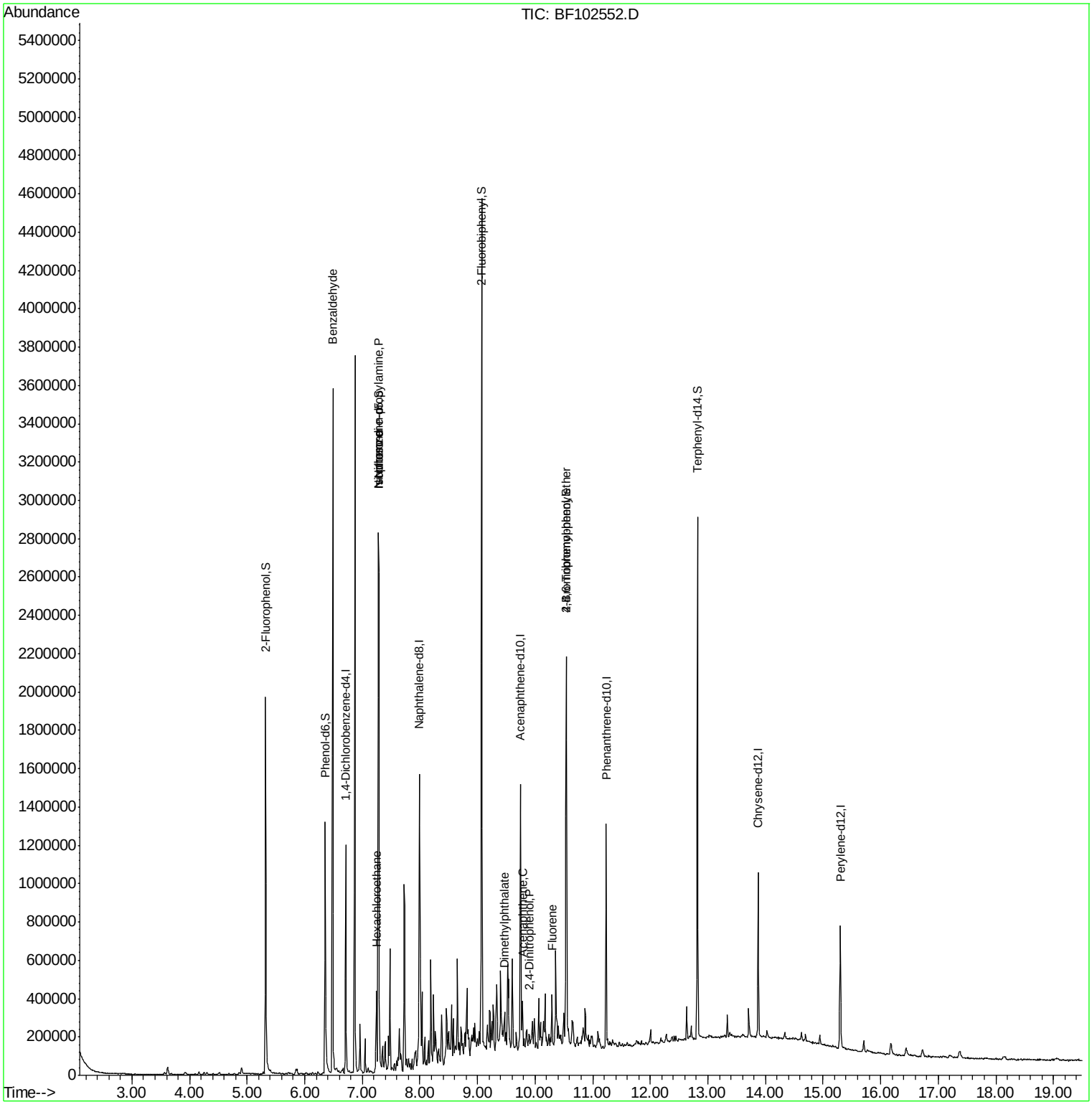
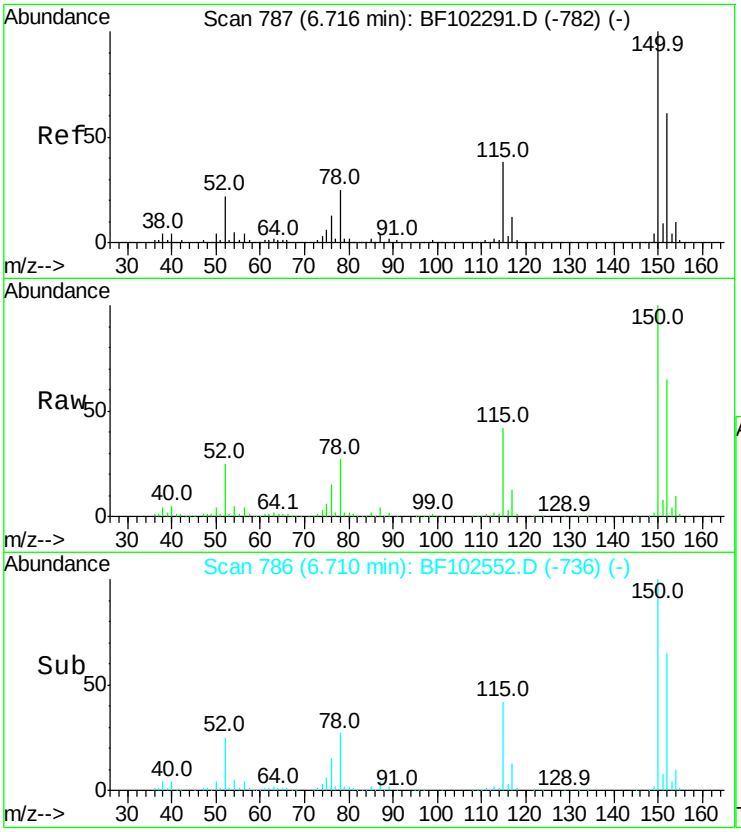


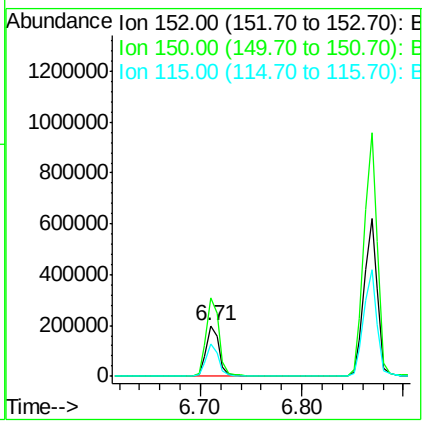


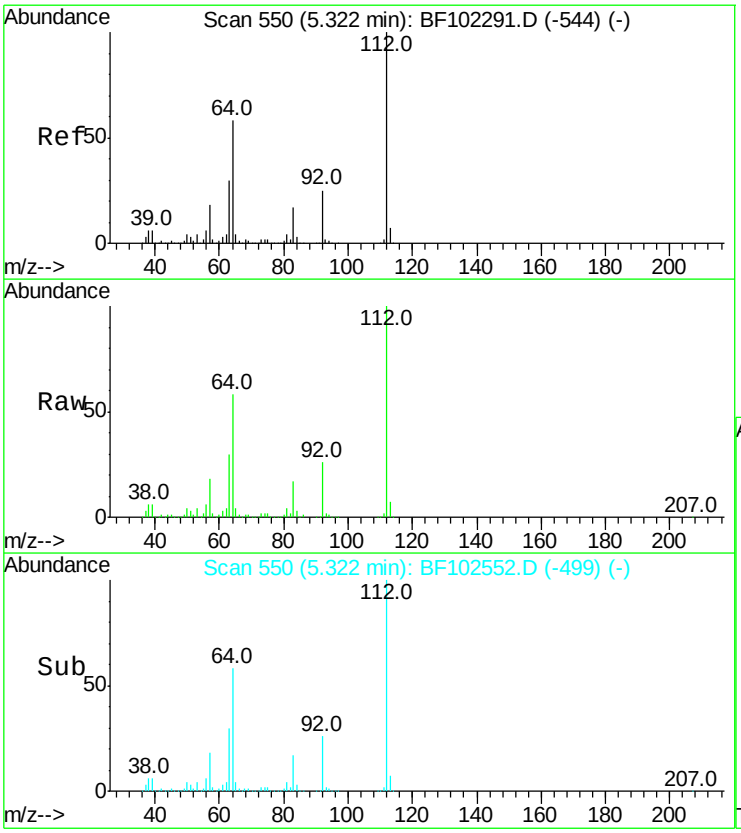
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 178302

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	64.7	50.1	75.1

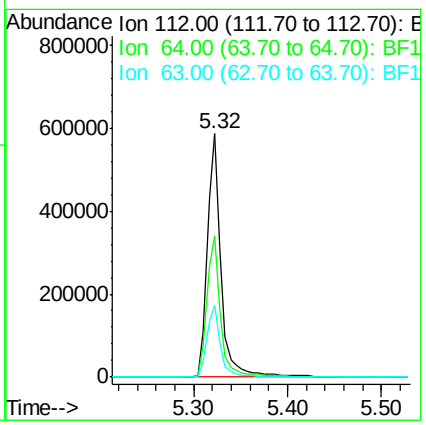


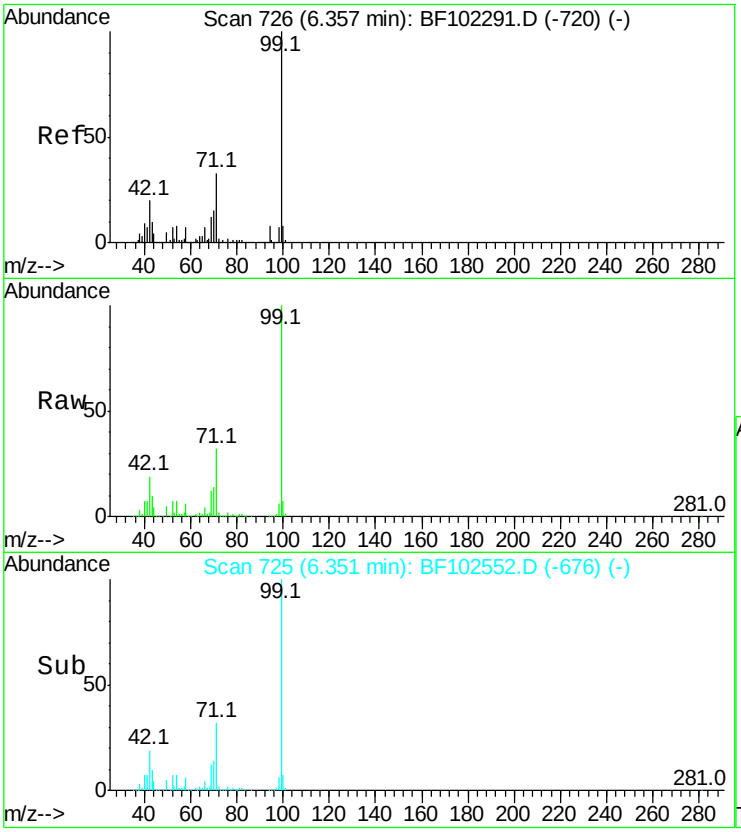


#5
2-Fluorophenol
Concen: 51.631 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:112 Resp: 607150

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	29.8	23.7	35.5



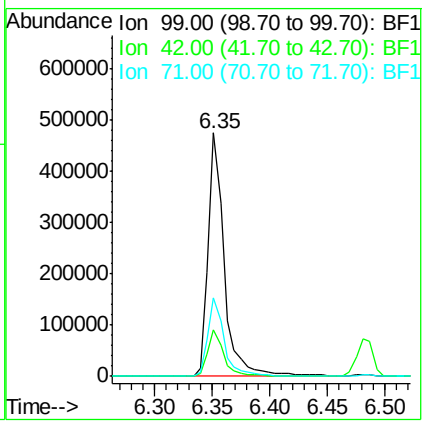


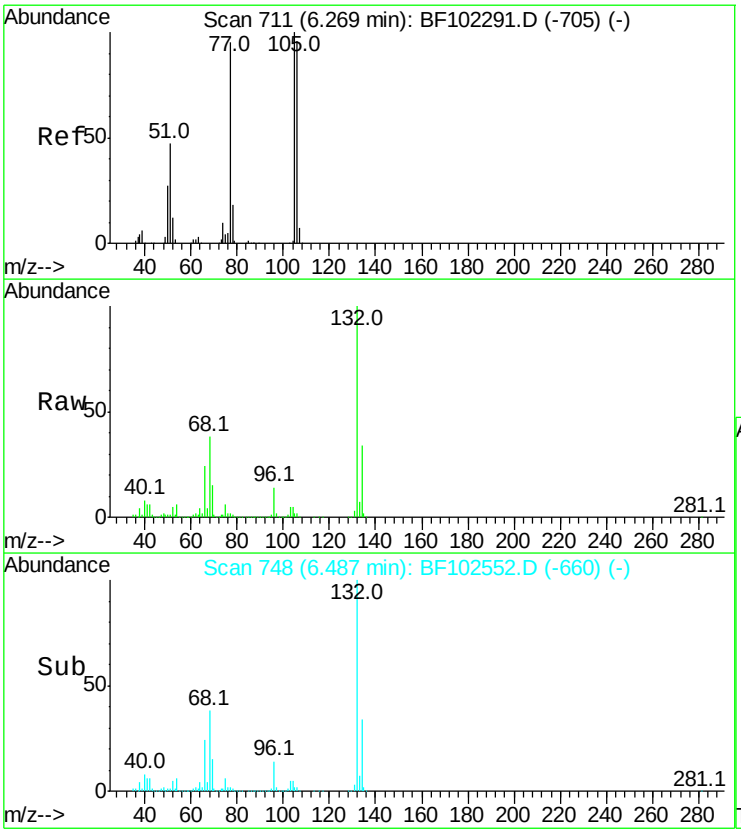
#7
Phenol-d6
Concen: 32.588 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 462003

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	32.5	25.4	38.0

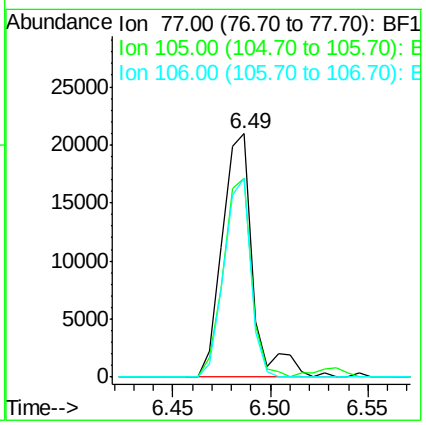


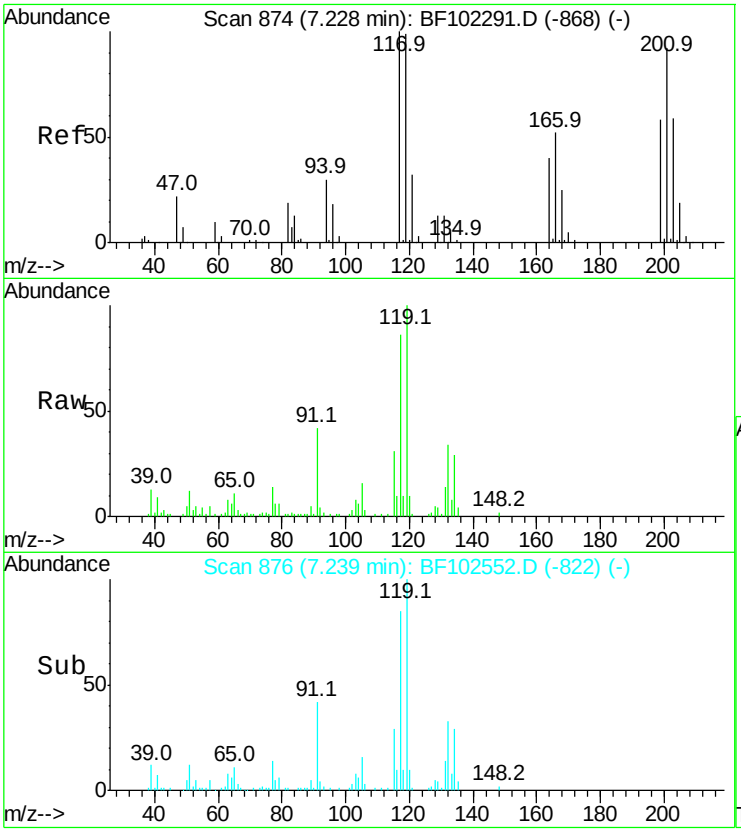


#9
Benzaldehyde
Concen: 2.344 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion: 77 Resp: 22827

Ion	Ratio	Lower	Upper
77	100		
105	81.8	81.1	121.1
106	81.5	74.5	114.5



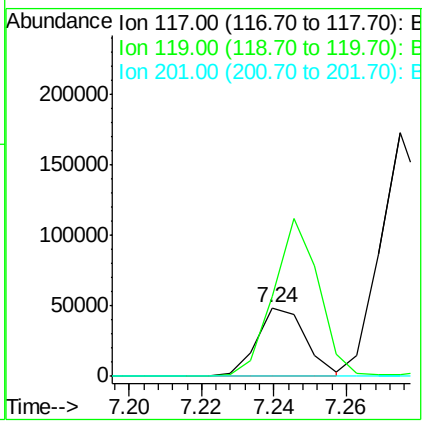


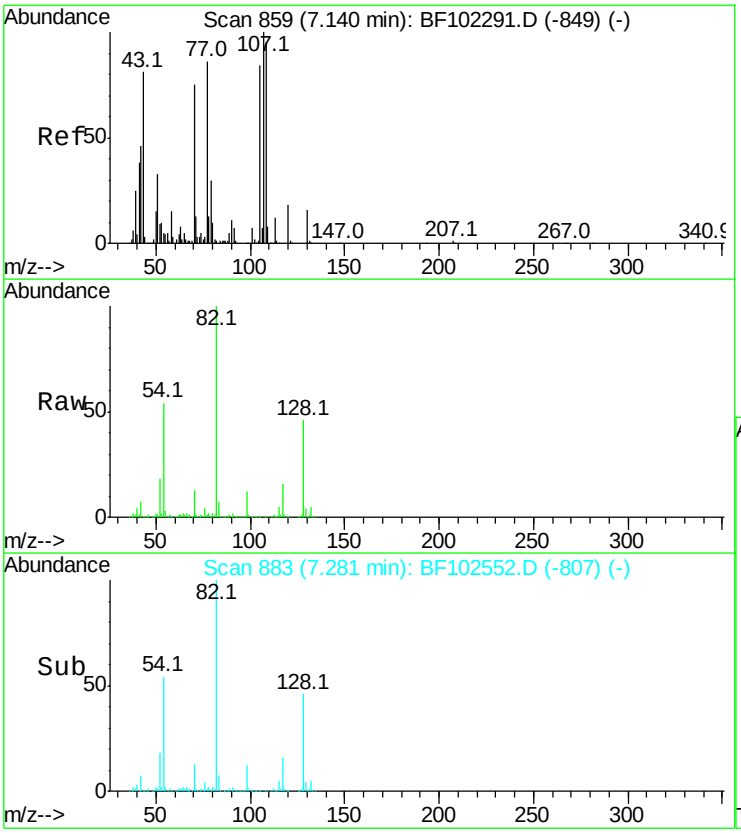
#18
Hexachloroethane
Concen: 8.900 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 45544

Ion	Ratio	Lower	Upper
117	100		
119	116.0	75.8	113.8#
201	0.0	75.7	113.5#

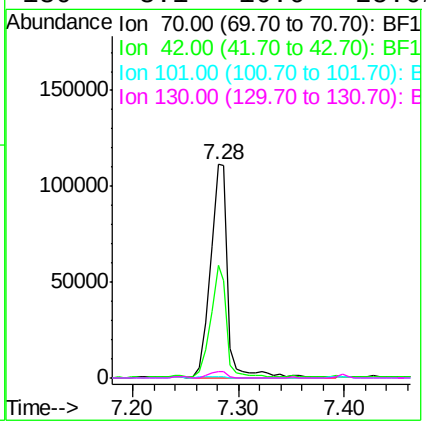


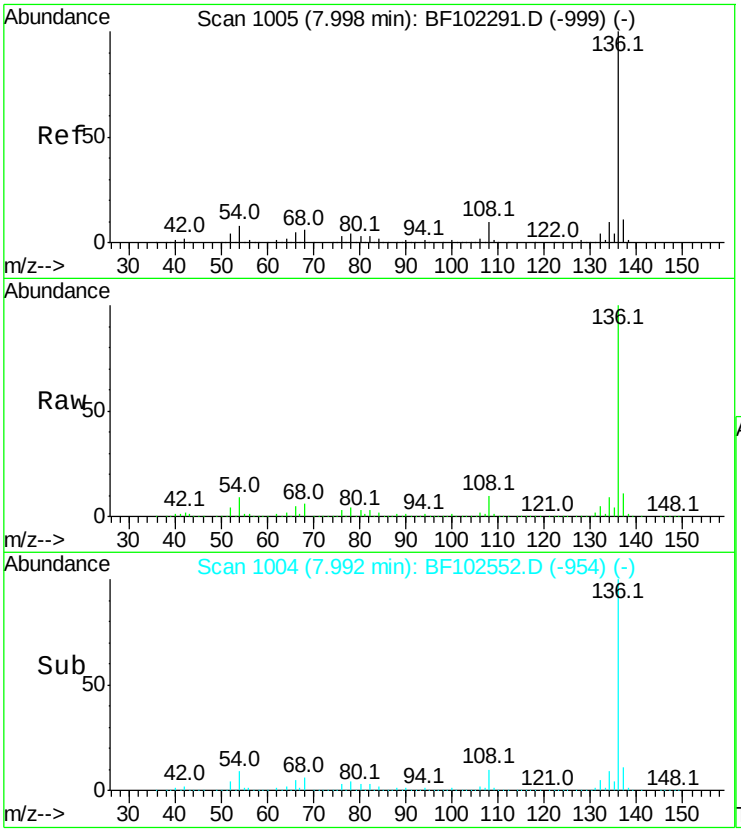


#19
n-Nitroso-di-n-propylamine
Concen: 15.113 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion: 70 Resp: 131119

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.4	7.4	11.2#
130	3.1	16.6	25.0#



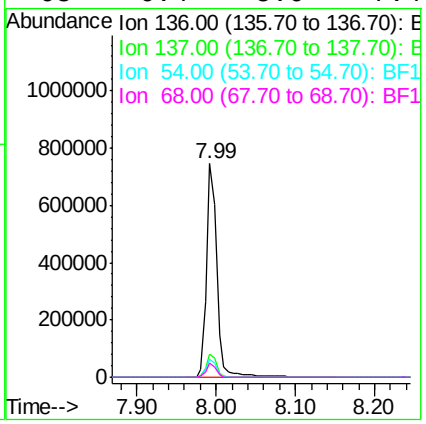


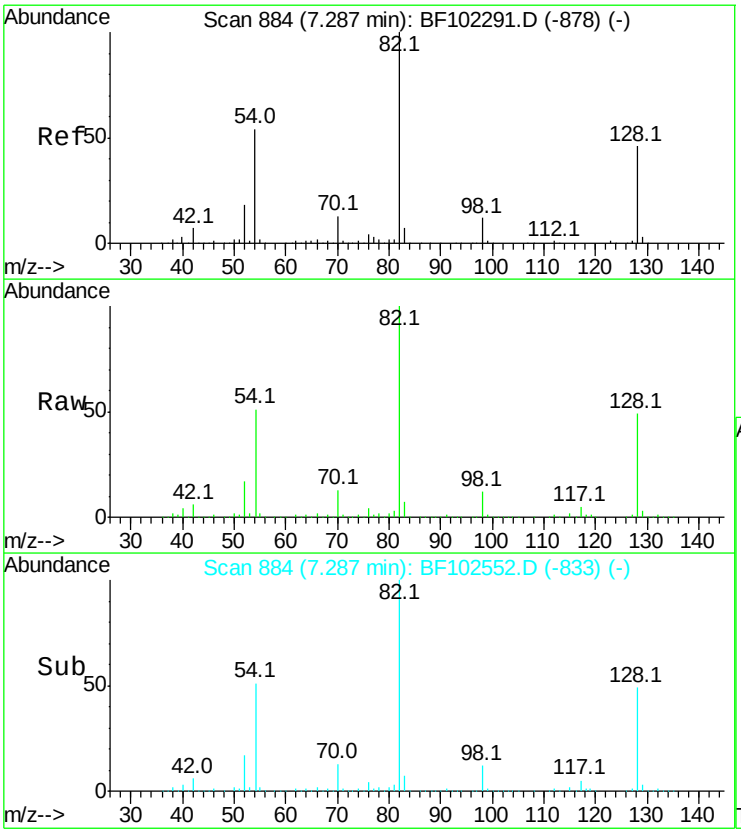
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 683420

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.6	6.6	9.8
68	6.4	5.0	7.4

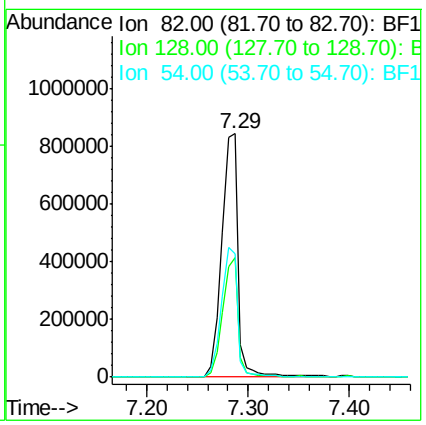


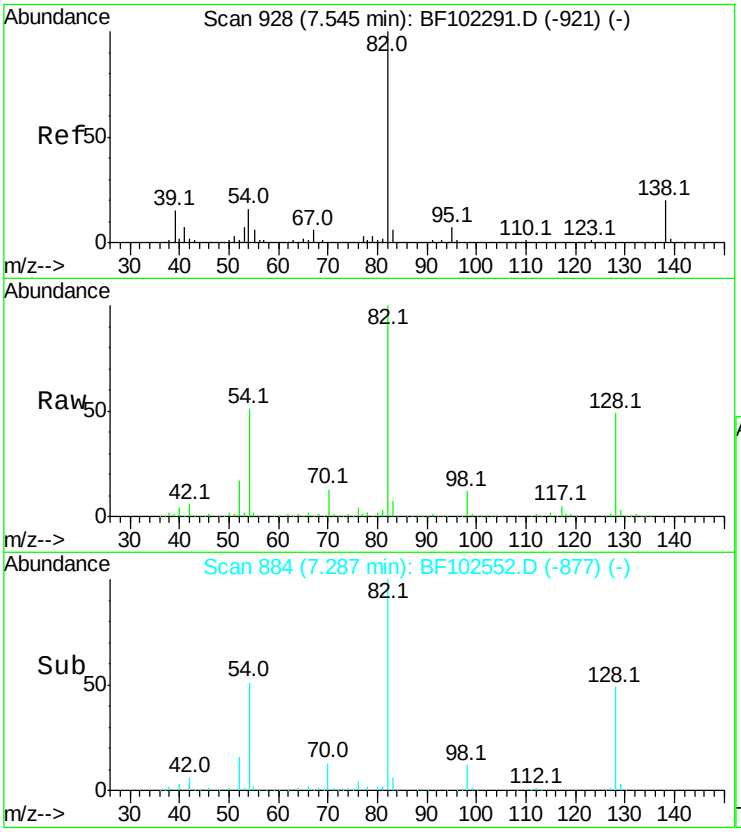


#23
Nitrobenzene-d5
Concen: 79.384 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion: 82 Resp: 944063

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	50.8	41.4	62.2



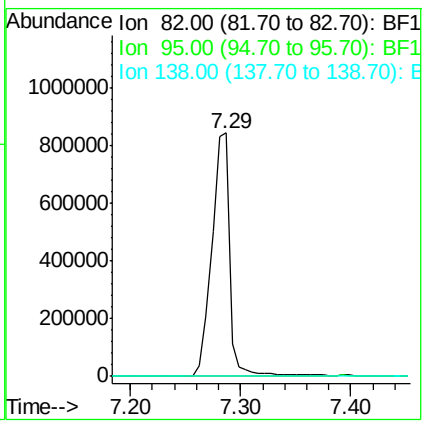


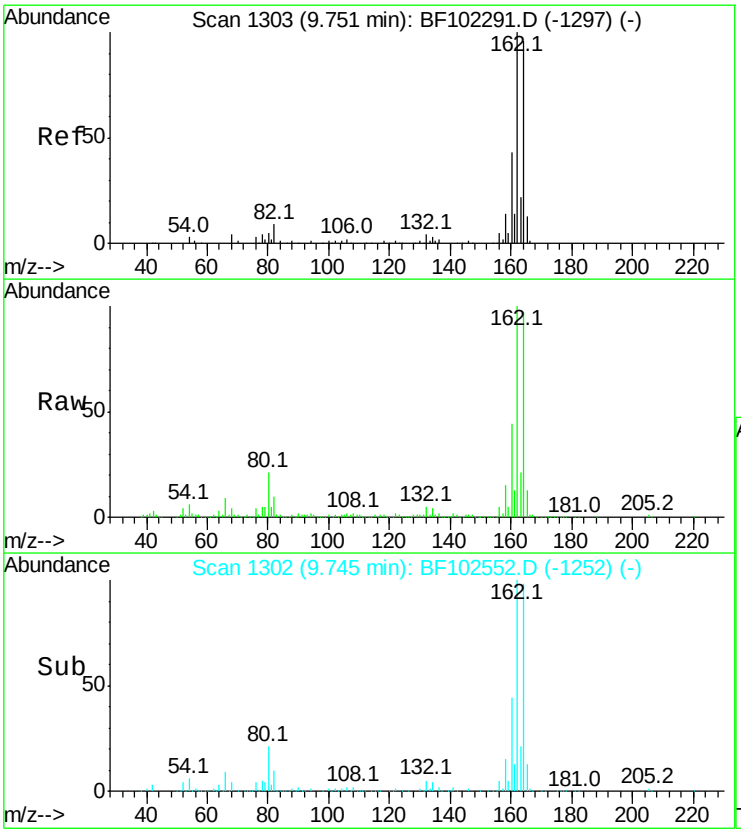
#25
Isophorone
Concen: 44.540 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 944294

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

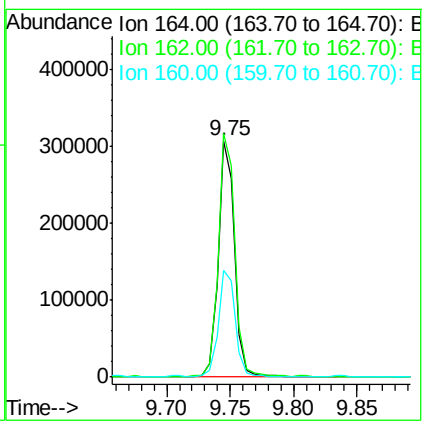


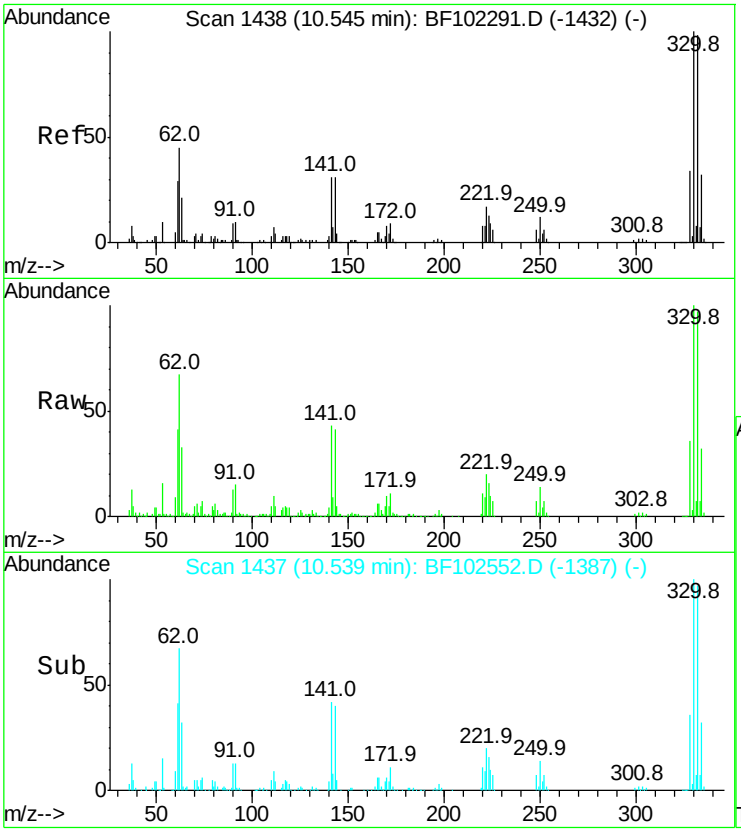


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:164 Resp: 274023

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.9	38.3	57.5



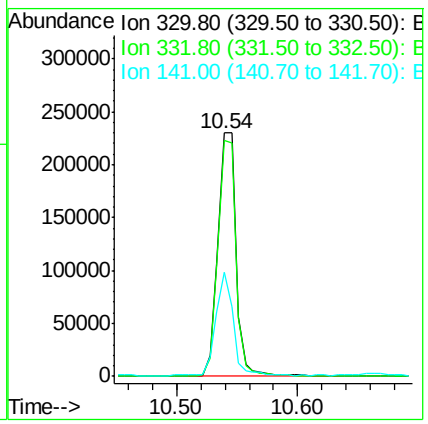


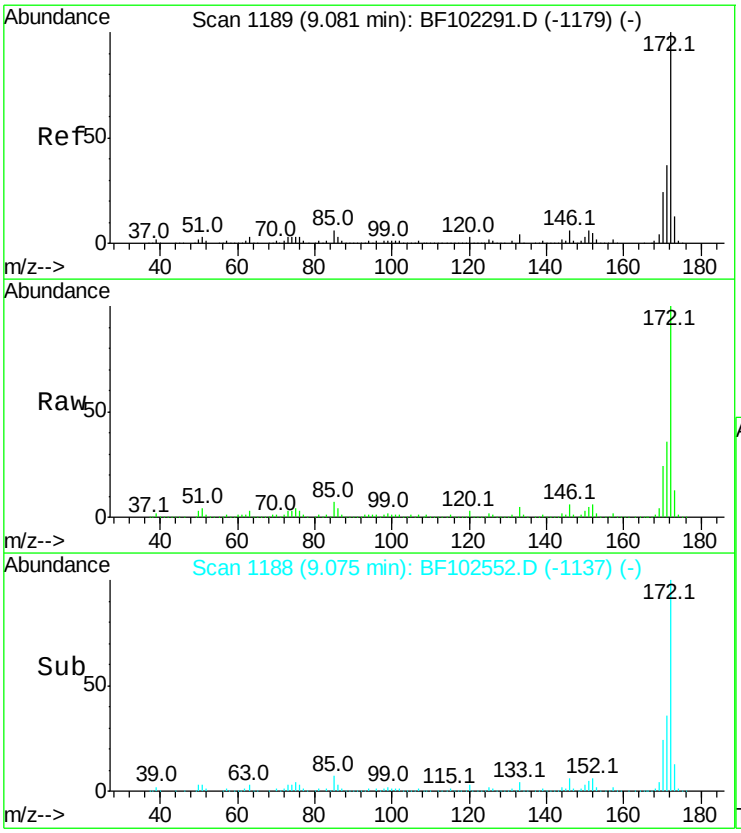
#41
2,4,6-Tribromophenol
Concen: 87.918 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 238714

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.0	29.9	44.9

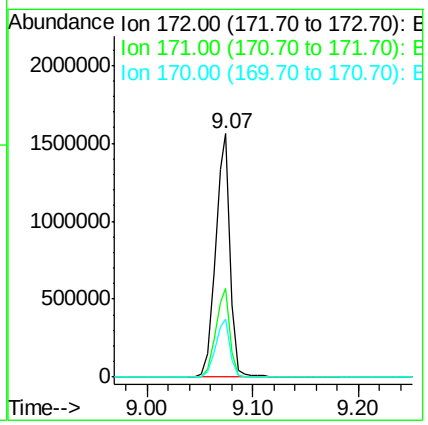


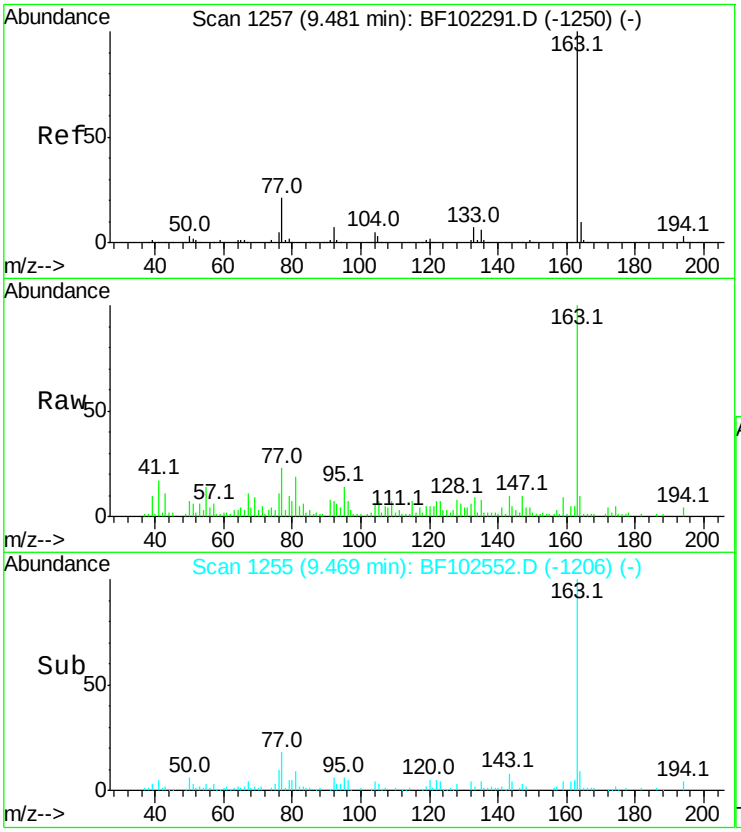


#44
2-Fluorobiphenyl
Concen: 81.860 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:172 Resp: 1525584

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



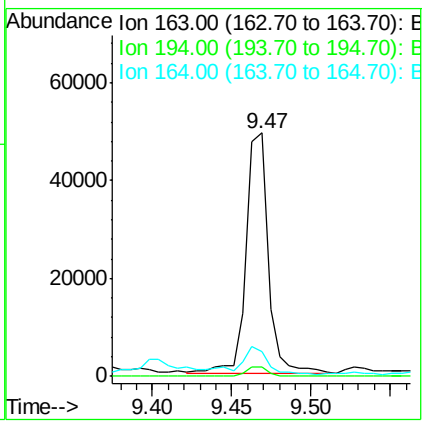


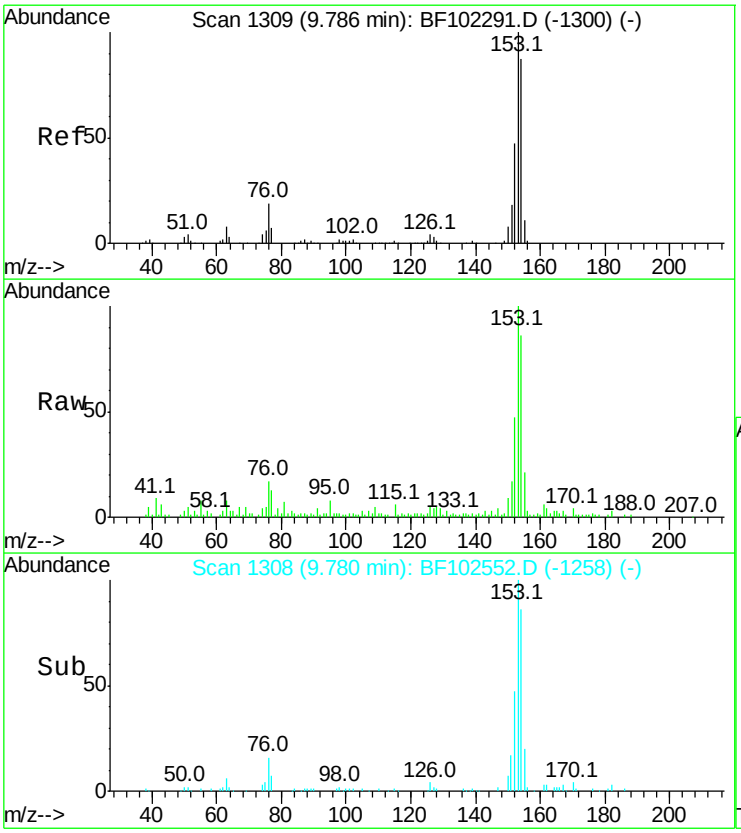
#49
Dimethylphthalate
Concen: 2.094 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 47432

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2

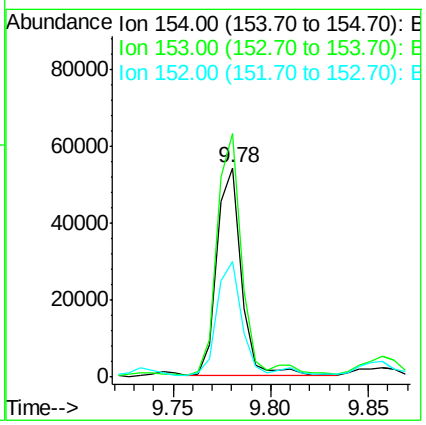


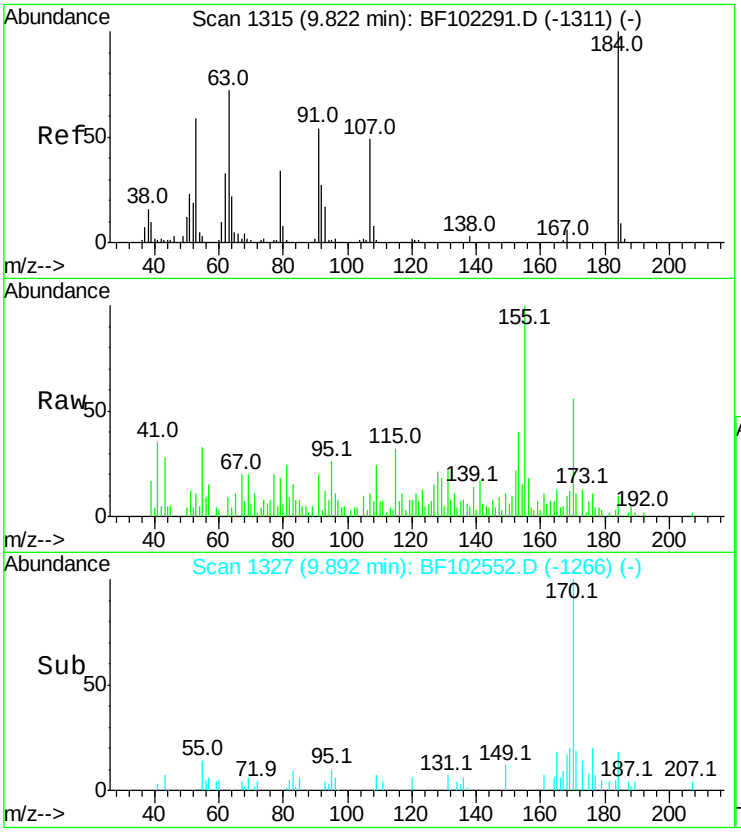


#51
Acenaphthene
Concen: 2.729 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:154 Resp: 47288

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.2	136.8
152	54.9	43.8	65.8



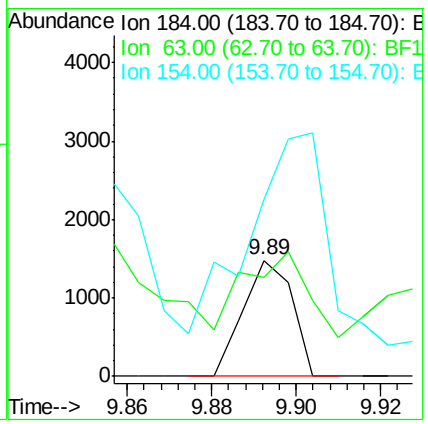


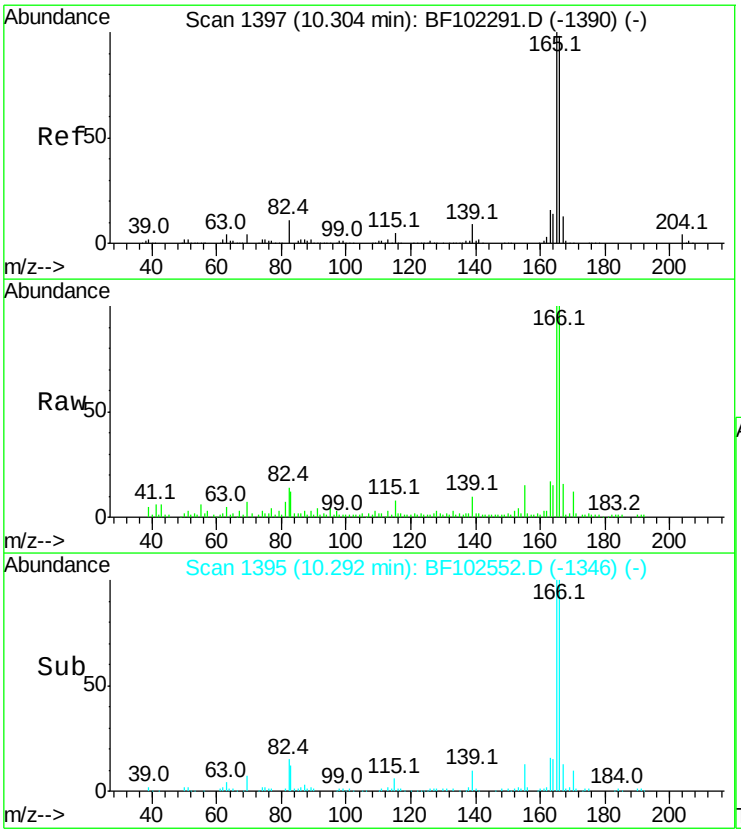
#53
2,4-Dinitrophenol
Concen: 4.214 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.06 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1191

Ion	Ratio	Lower	Upper
184	100		
63	86.0	54.2	81.2#
154	153.7	184.0	276.0#

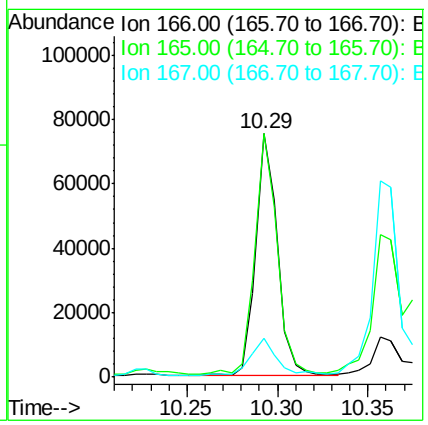


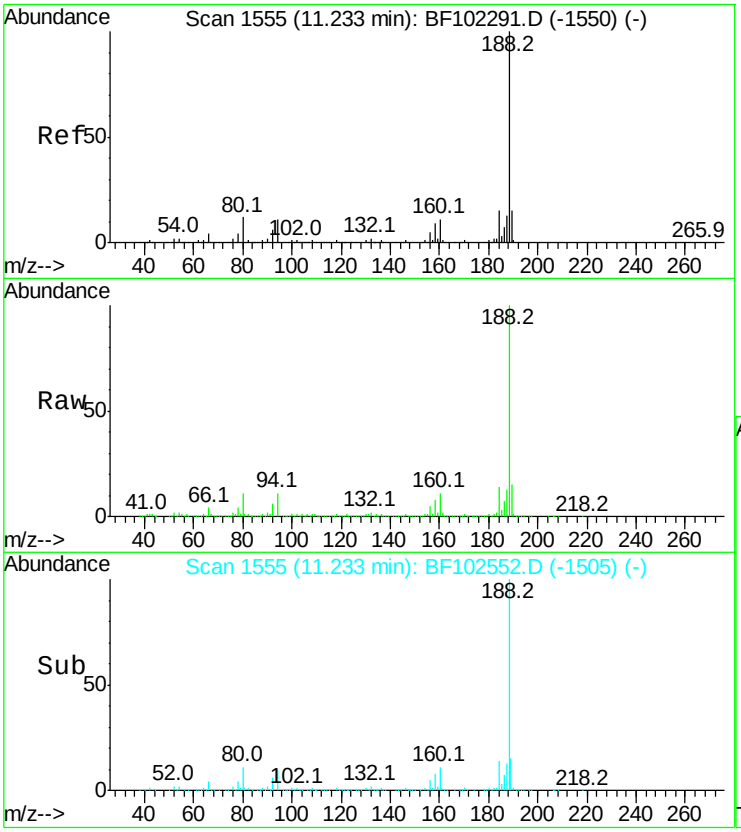


#57
Fluorene
Concen: 3.382 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:166 Resp: 62844

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	15.7	10.6	16.0



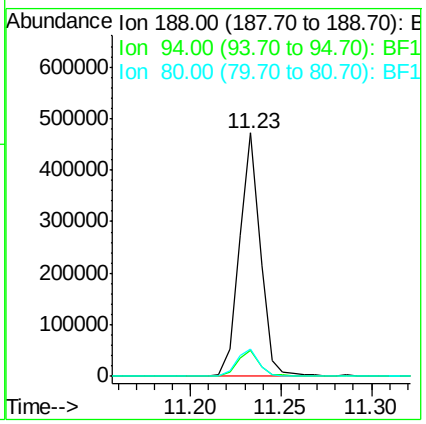


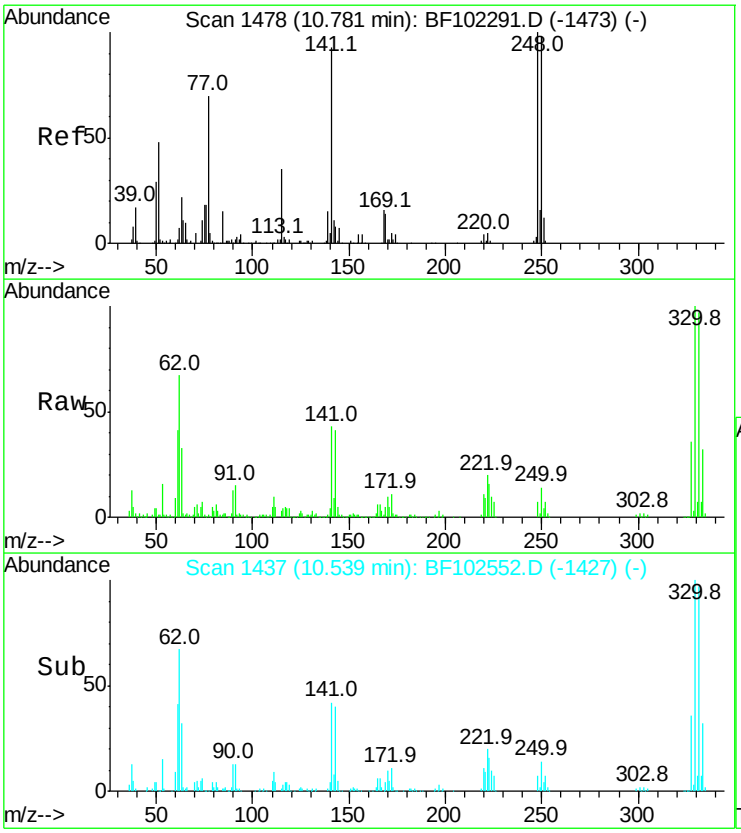
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 377341

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

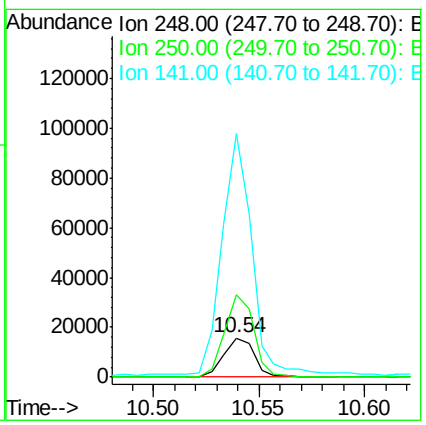


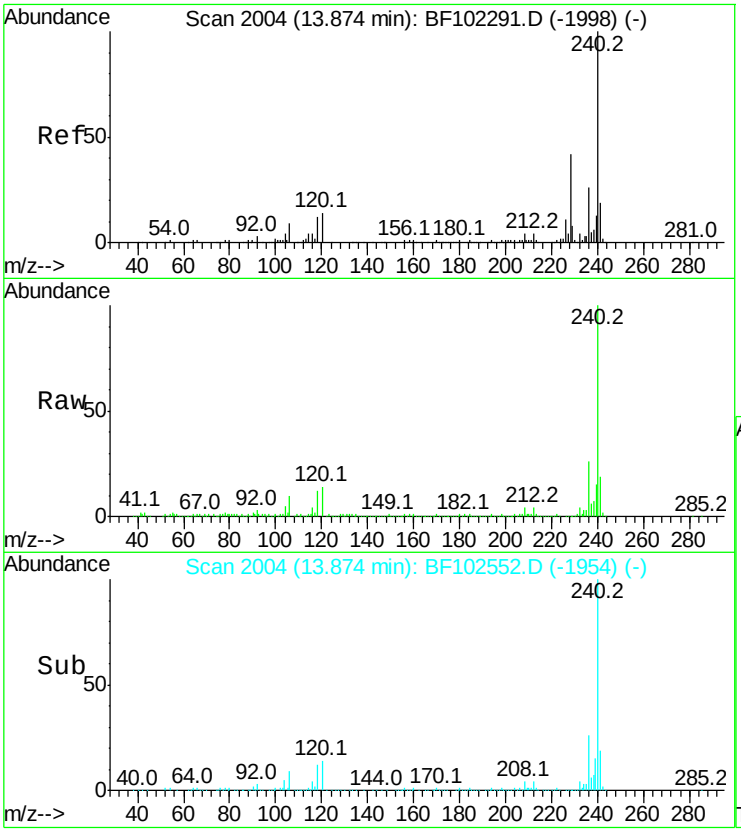


#66
4-Bromophenyl-phenylether
Concen: 3.845 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:248 Resp: 15617

Ion	Ratio	Lower	Upper
248	100		
250	209.2	76.9	115.3#
141	620.0	74.4	111.6#



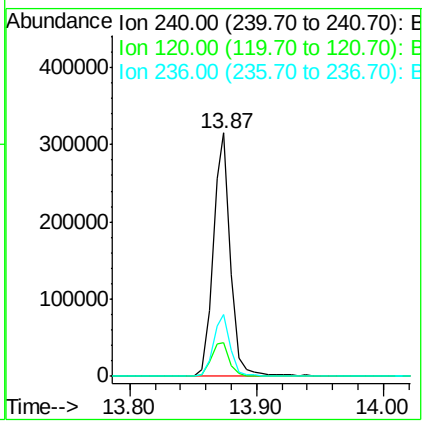


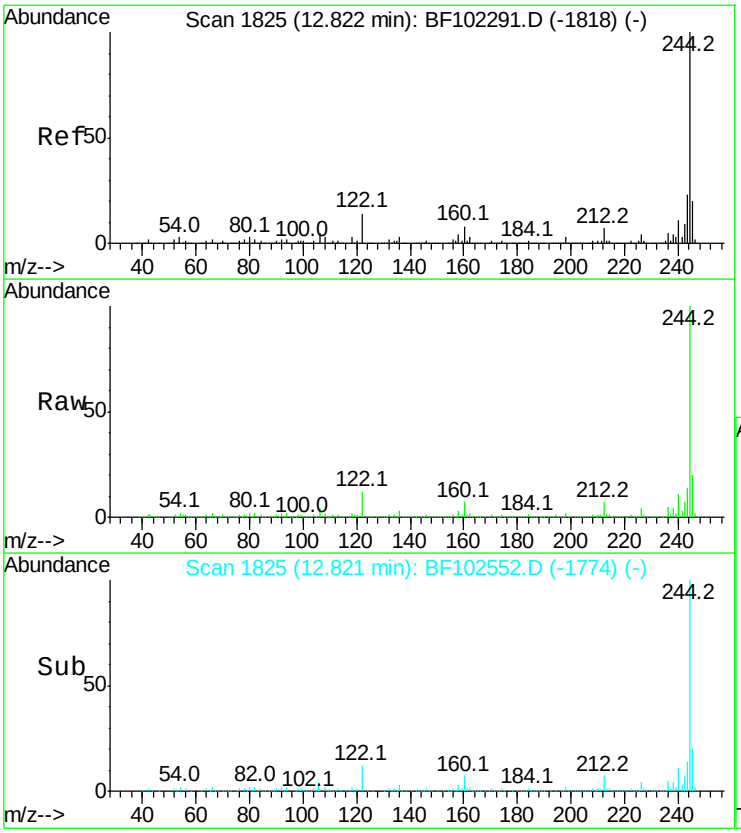
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 301317

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.5	20.7	31.1

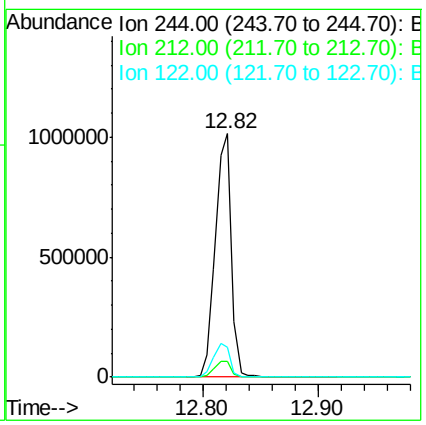


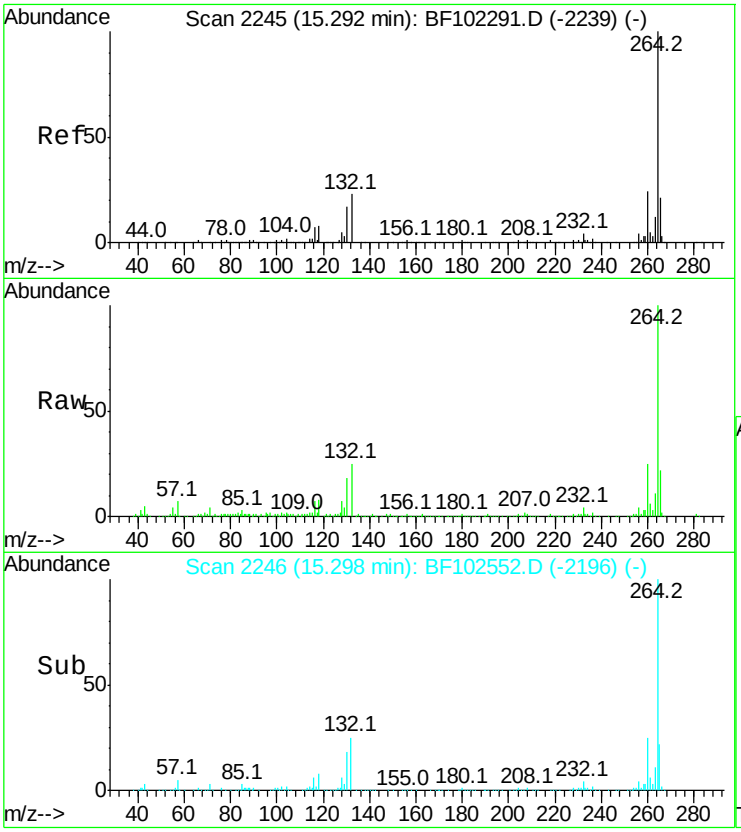


#78
Terphenyl-d14
Concen: 73.390 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Tgt Ion:244 Resp: 980935

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102552.D
Acq: 28 Jan 2018 11:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 255360

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3