Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102501.D
Acq On : 27 Jan 2018 11:02
Operator : SJ/JU
Sample : J1256-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(EW1-4)

Quant Time: Jan 27 20:55:43 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	183553	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	766029	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	345456	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	581611	20.00	ng		0.00
75) Chrysene-d12	13.87	240	387810	20.00	ng		0.00
86) Perylene-d12	15.30	264	300023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1291645	106.70	ng		0.01
7) Phenol-d6	6.36	99	1615378	110.68	ng		0.00
23) Nitrobenzene-d5	7.28	82	1031836	77.41	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	325923	95.22	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1691362	71.99	ng		0.00
78) Terphenyl-d14	12.82	244	1424973	82.83	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	26725	2.647	ng		90
10) Phenol	6.37	94	86027	5.399	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	139873	15.661	ng	#	80
25) Isophorone	7.28	82	1024147	43.097	ng	#	64
49) Dimethylphthalate	9.47	163	407663	14.277	ng		99
56) 2,4-Dinitrotoluene	9.75	165	43710	5.774	ng	#	23
66) 4-Bromophenyl-phenylether	10.55	248	21820	3.485	ng	#	1

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

Quantitation Report (Not Reviewed)

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8-SAN-1-(EW1-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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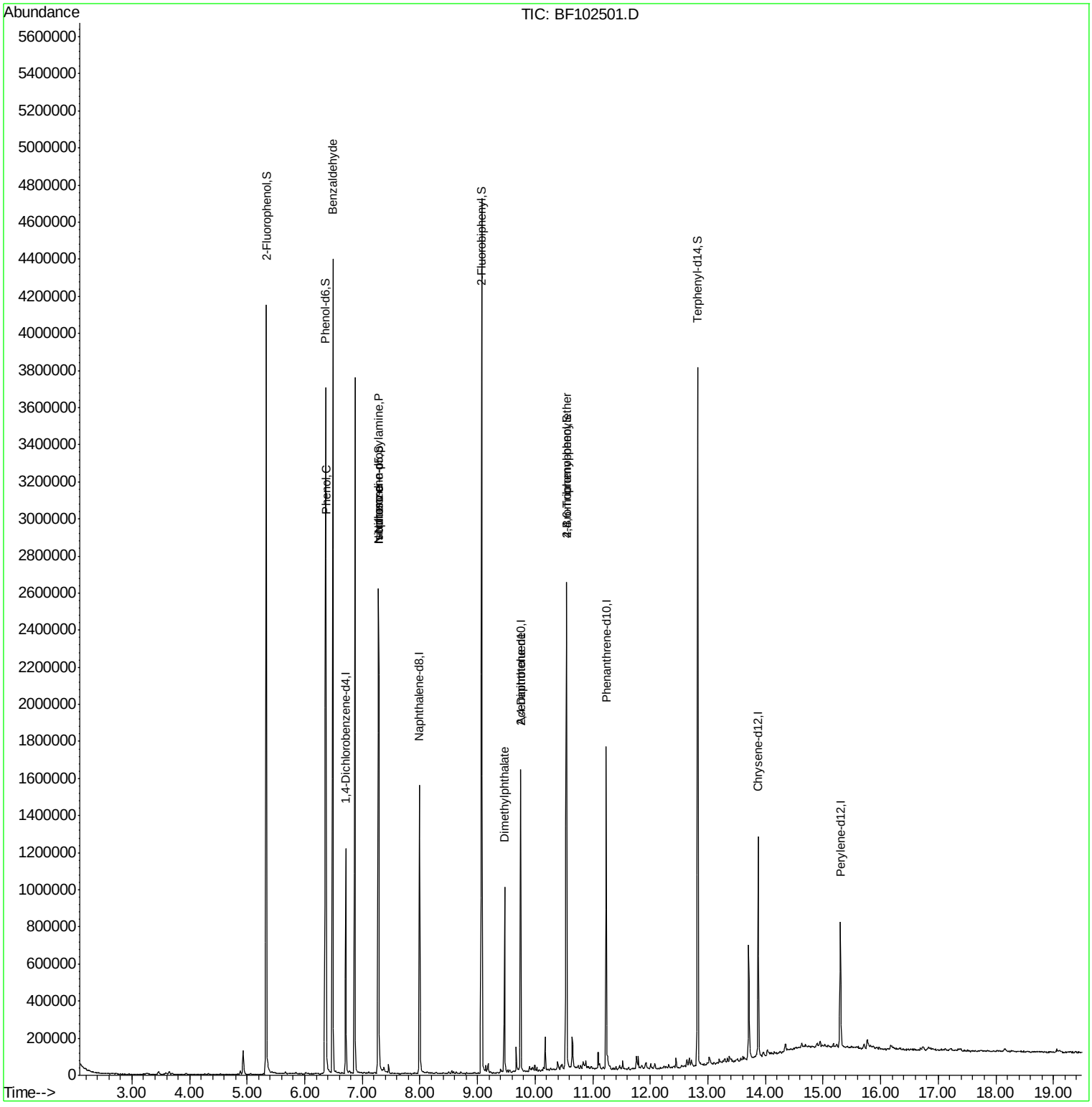
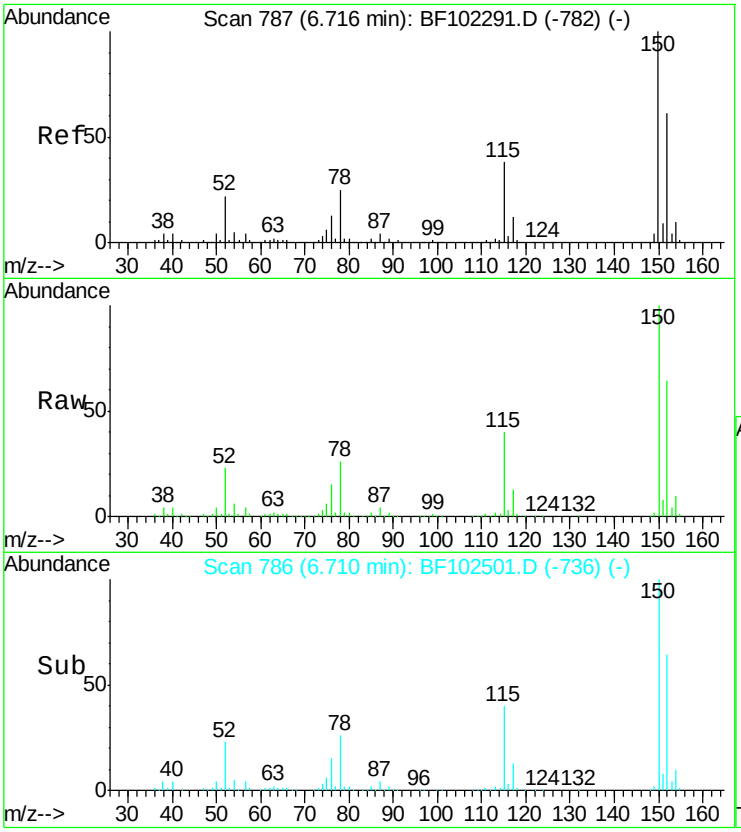


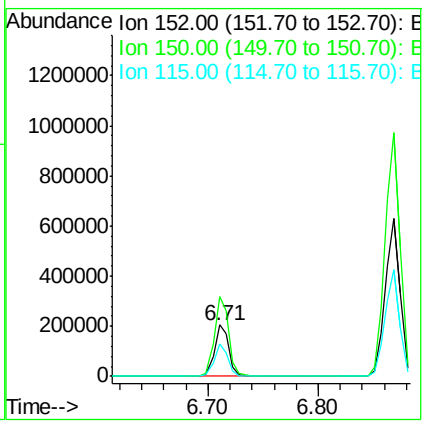


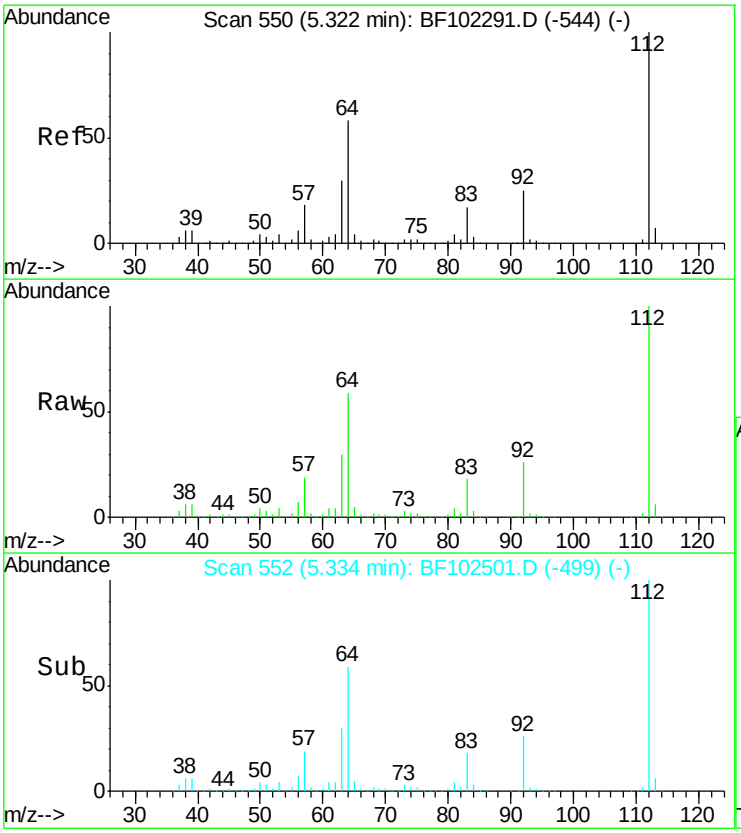
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion:152 Resp: 183553

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	62.6	50.1	75.1

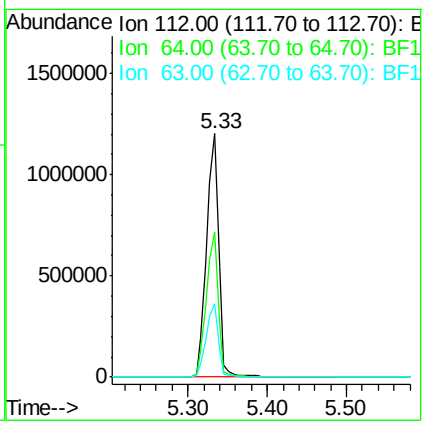


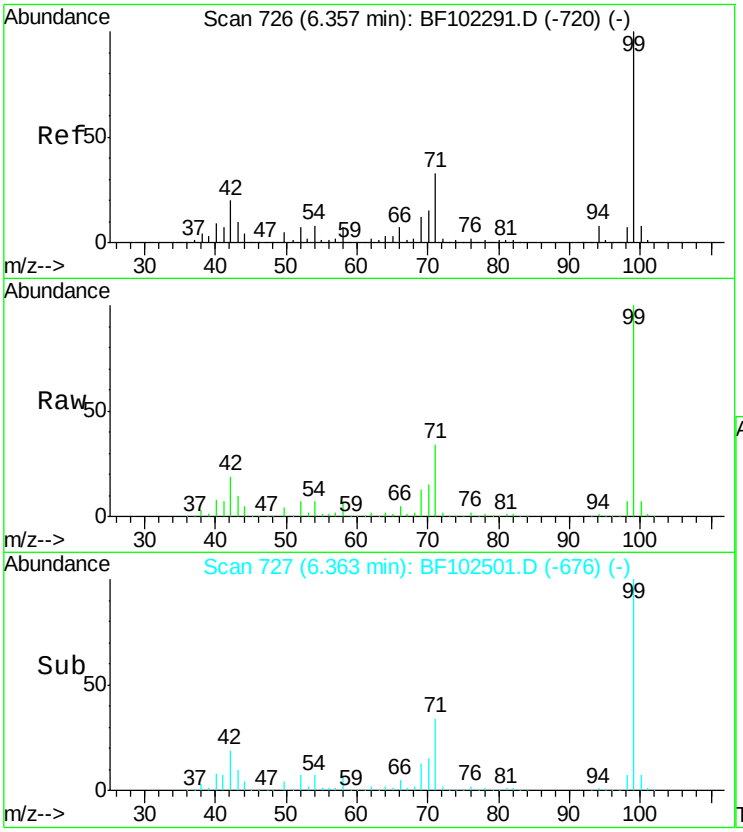


#5
2-Fluorophenol
Concen: 106.698 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion:112 Resp: 1291645

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.3	23.7	35.5



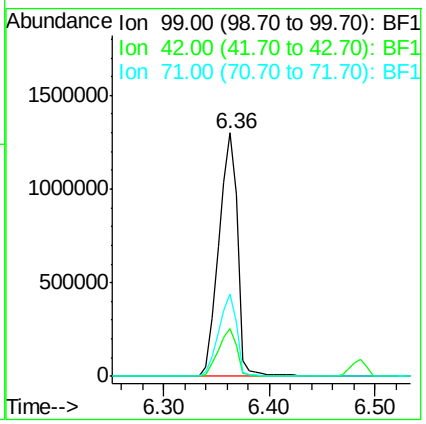


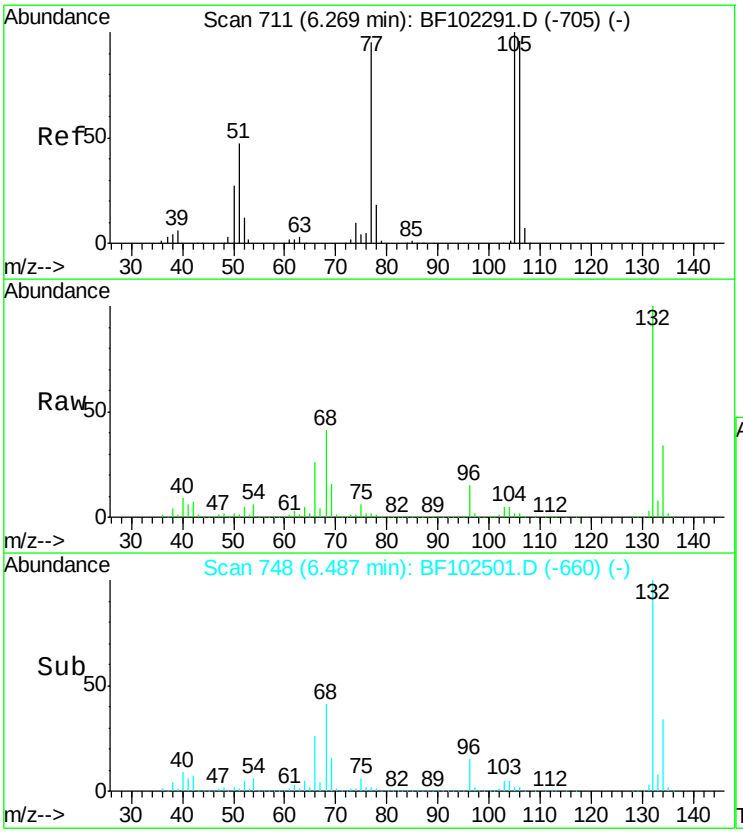
#7
Phenol-d6
Concen: 110.684 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion: 99 Resp: 1615378

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.9	25.4	38.0

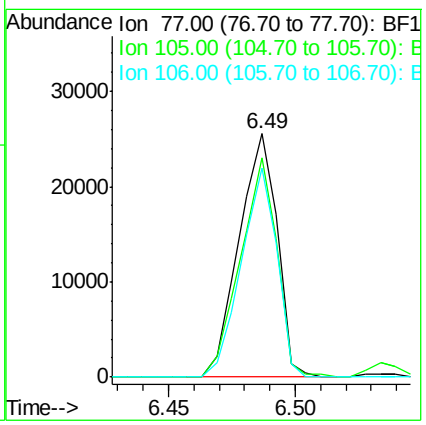


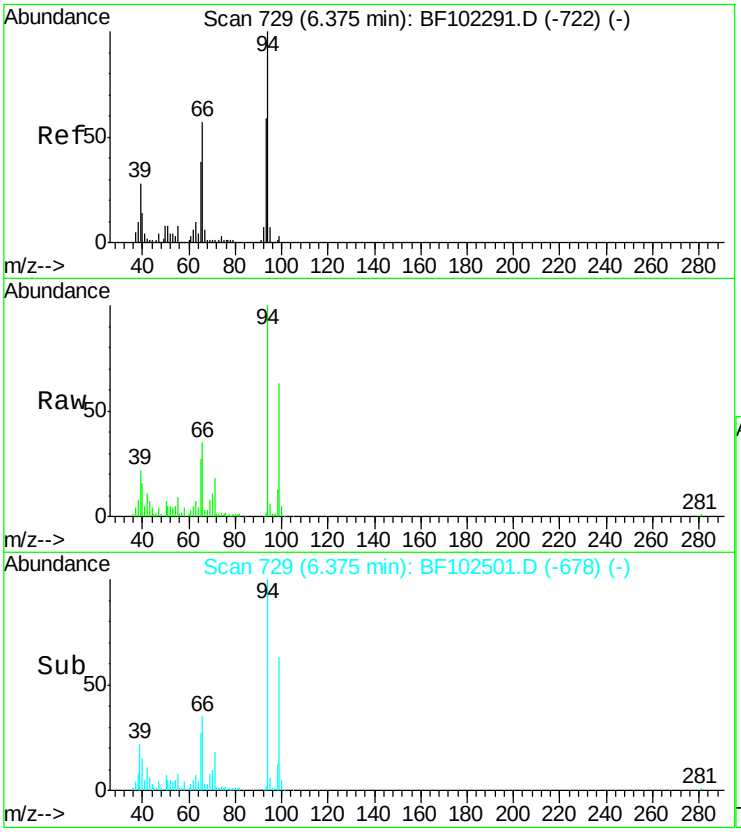


#9
Benzaldehyde
Concen: 2.647 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion: 77 Resp: 26725

Ion	Ratio	Lower	Upper
77	100		
105	90.2	81.1	121.1
106	85.8	74.5	114.5



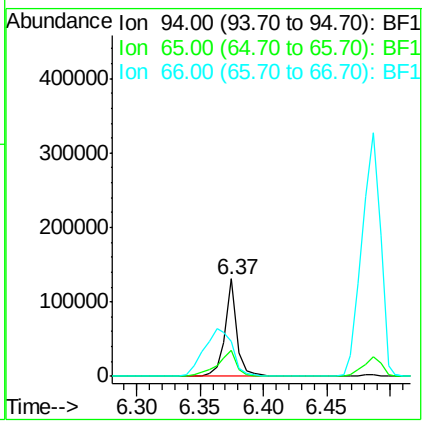


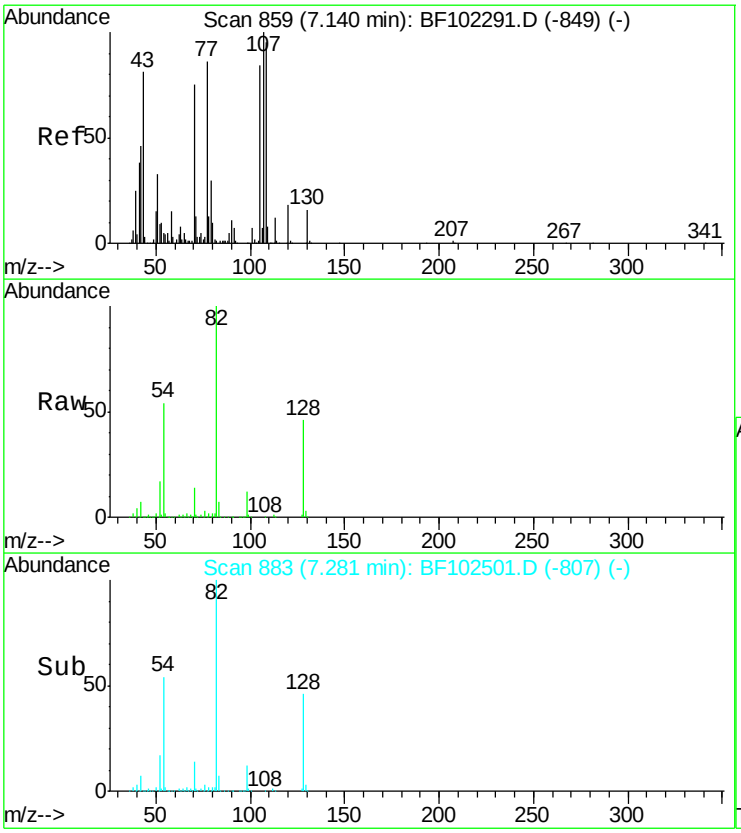
#10
Phenol
Concen: 5.399 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion: 94 Resp: 86027

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	35.4	16.2	56.2

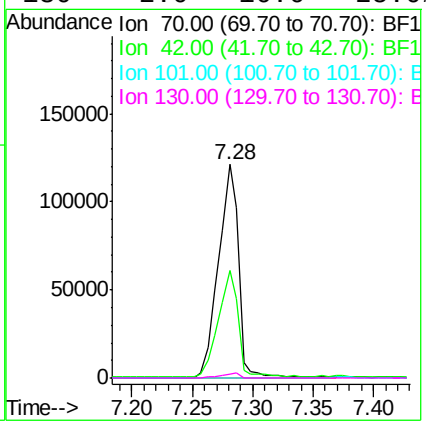


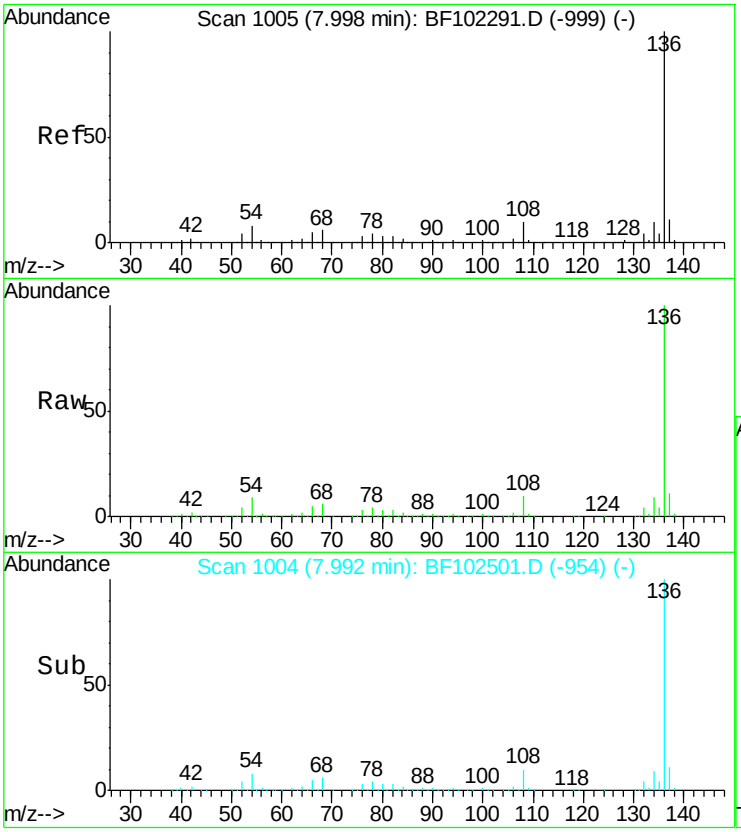


#19
n-Nitroso-di-n-propylamine
Concen: 15.661 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion: 70 Resp: 139873

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



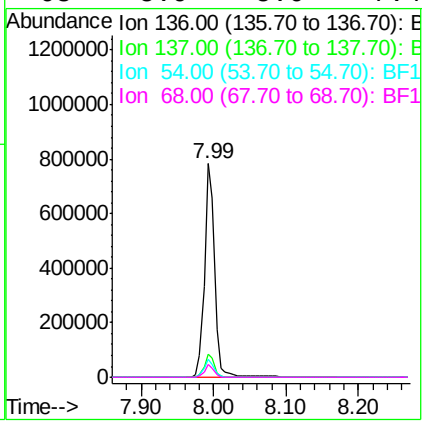


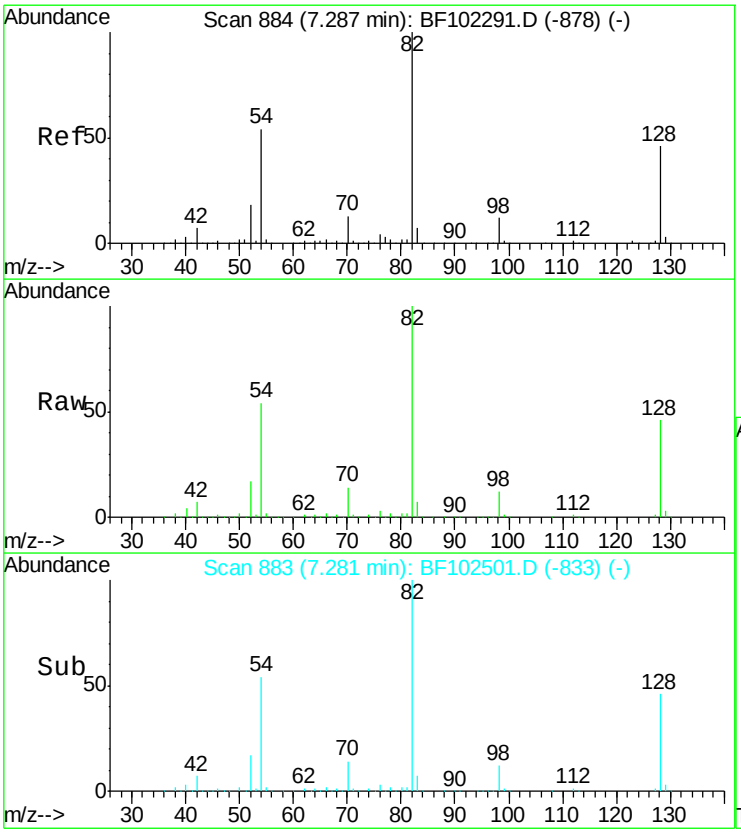
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion:136 Resp: 766029

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4

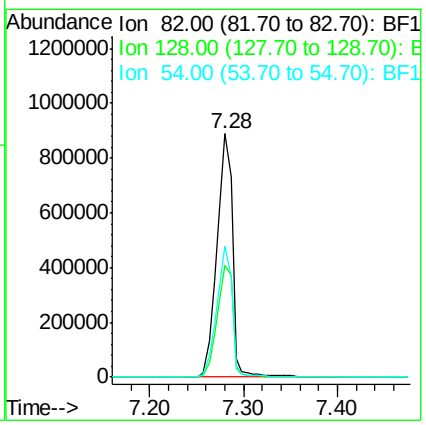


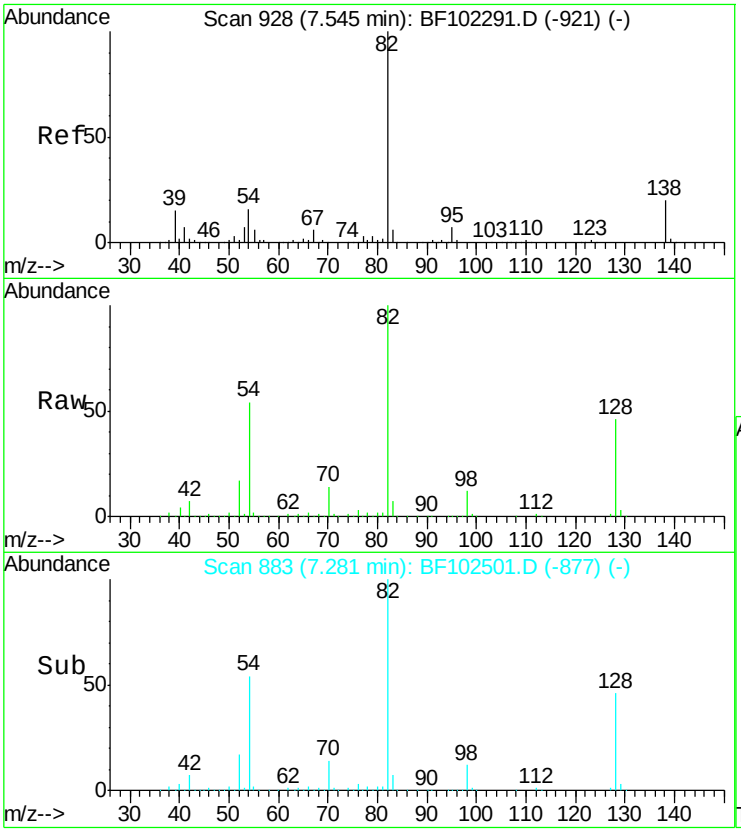


#23
Nitrobenzene-d5
Concen: 77.408 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion: 82 Resp: 1031836

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.9	41.4	62.2



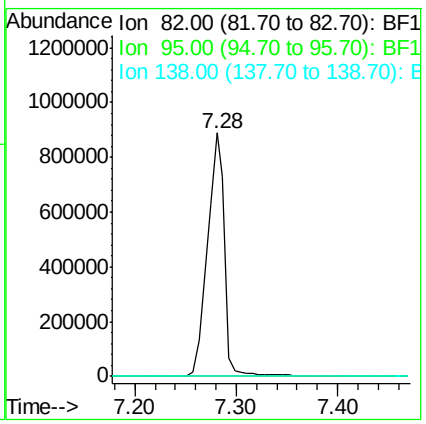


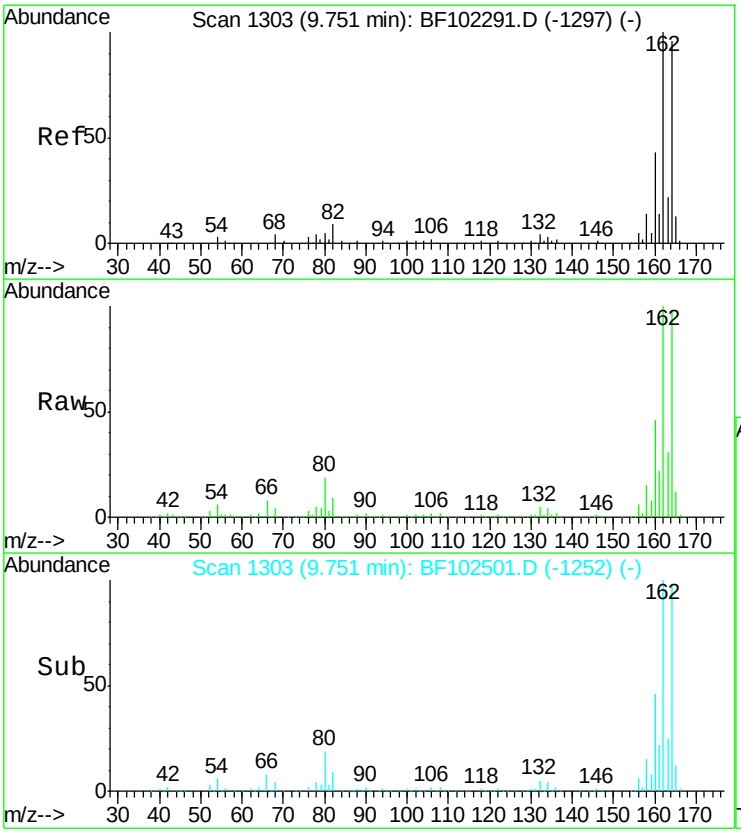
#25
Isophorone
Concen: 43.097 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion: 82 Resp: 1024147

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

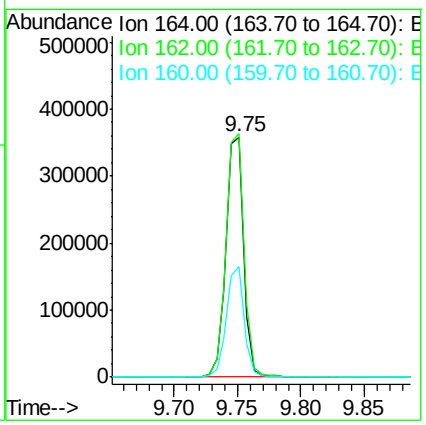


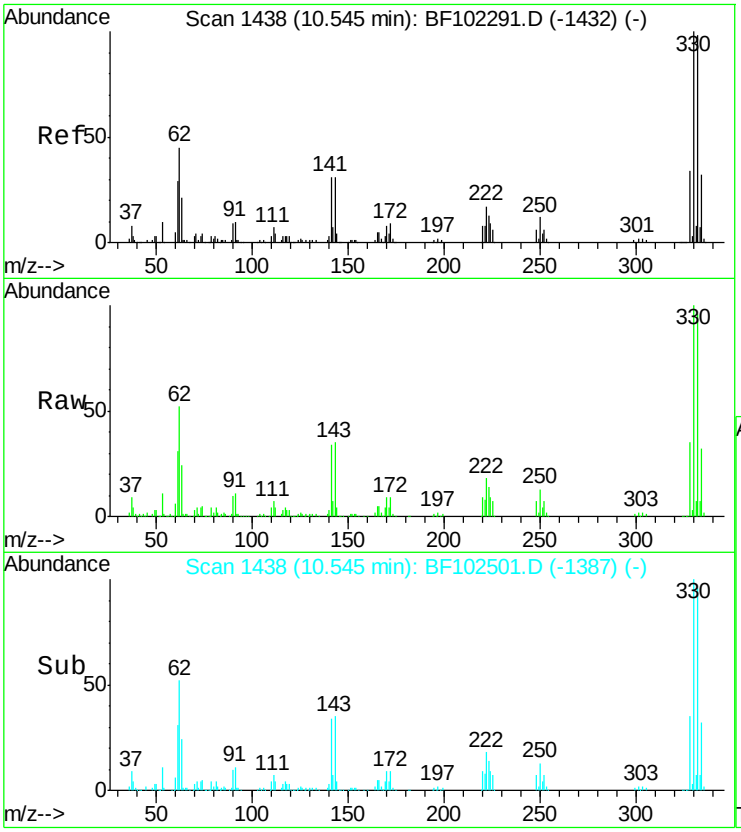


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion:164 Resp: 345456

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.3	38.3	57.5



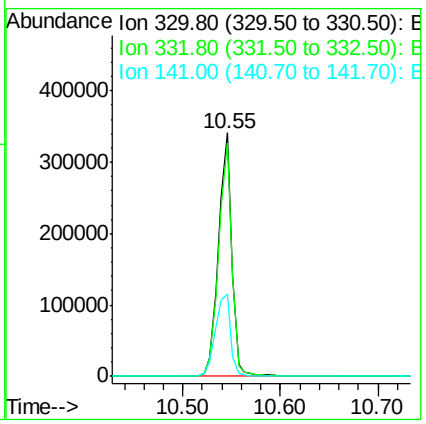


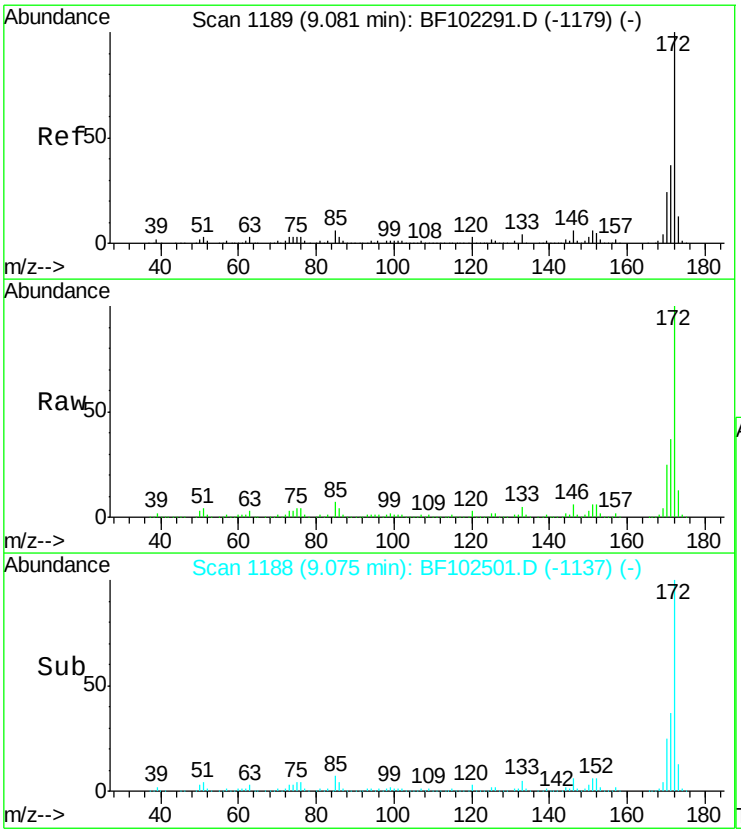
#41
2,4,6-Tribromophenol
Concen: 95.216 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion:330 Resp: 325923

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	38.6	29.9	44.9

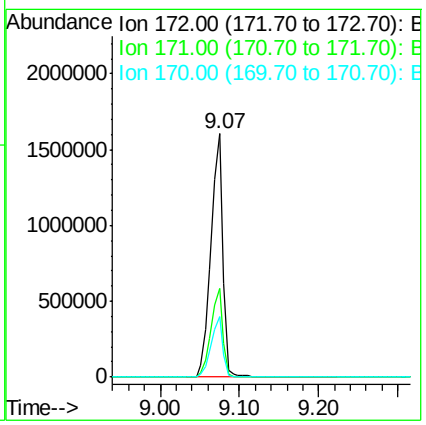


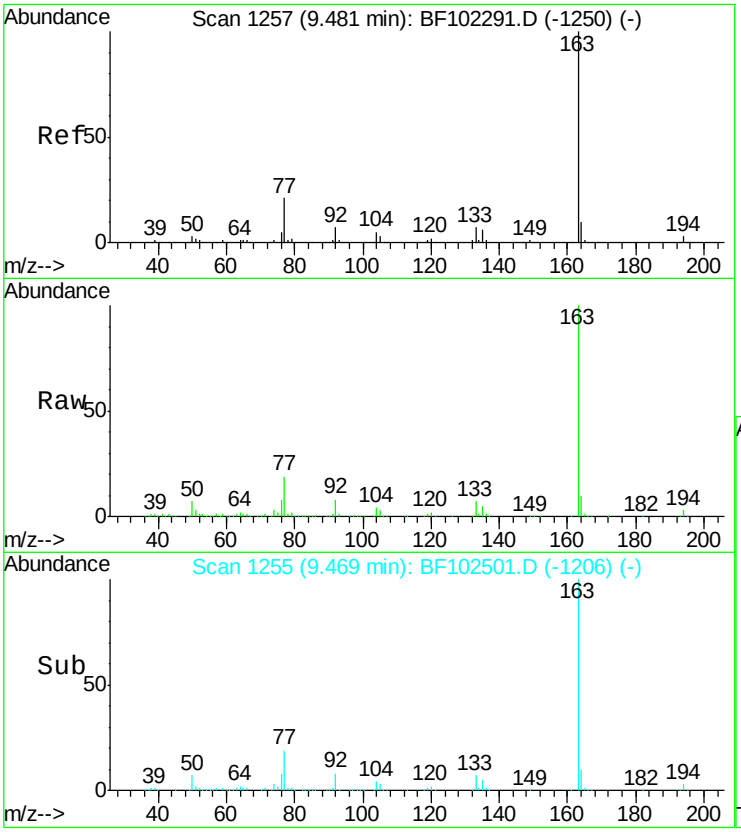


#44
2-Fluorobiphenyl
Concen: 71.989 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion:172 Resp: 1691362

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4



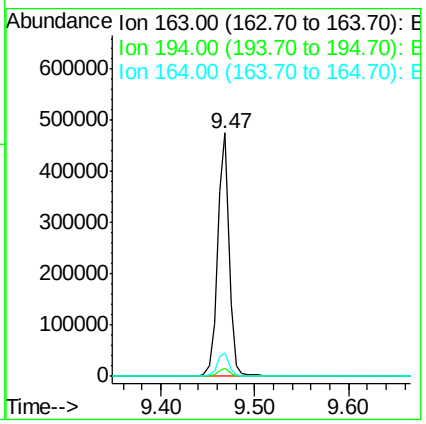


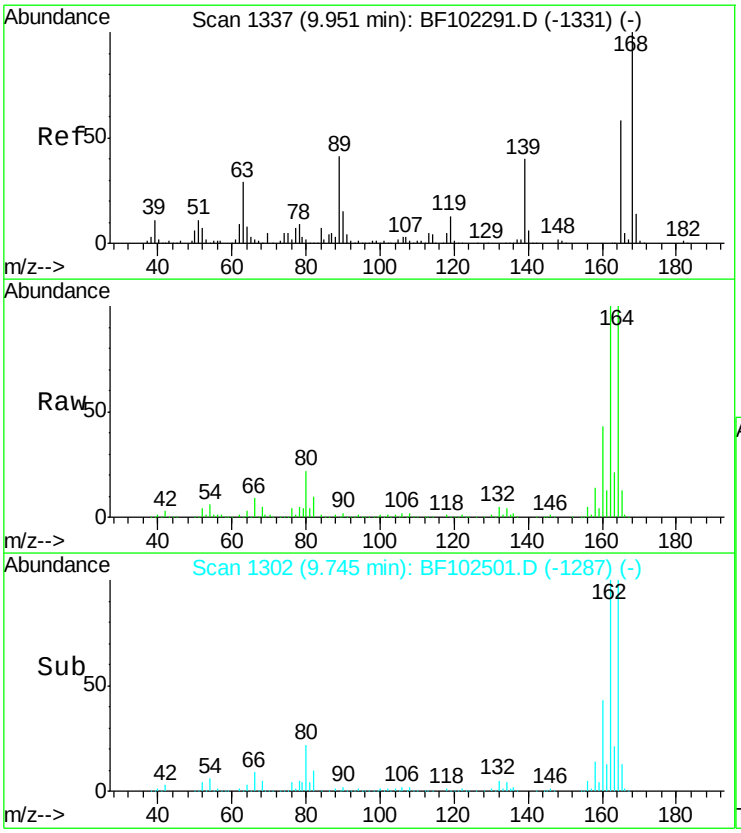
#49
Dimethylphthalate
Concen: 14.277 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion:163 Resp: 407663

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.6	8.2	12.2

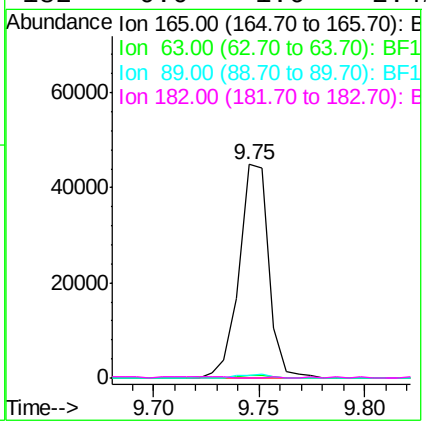


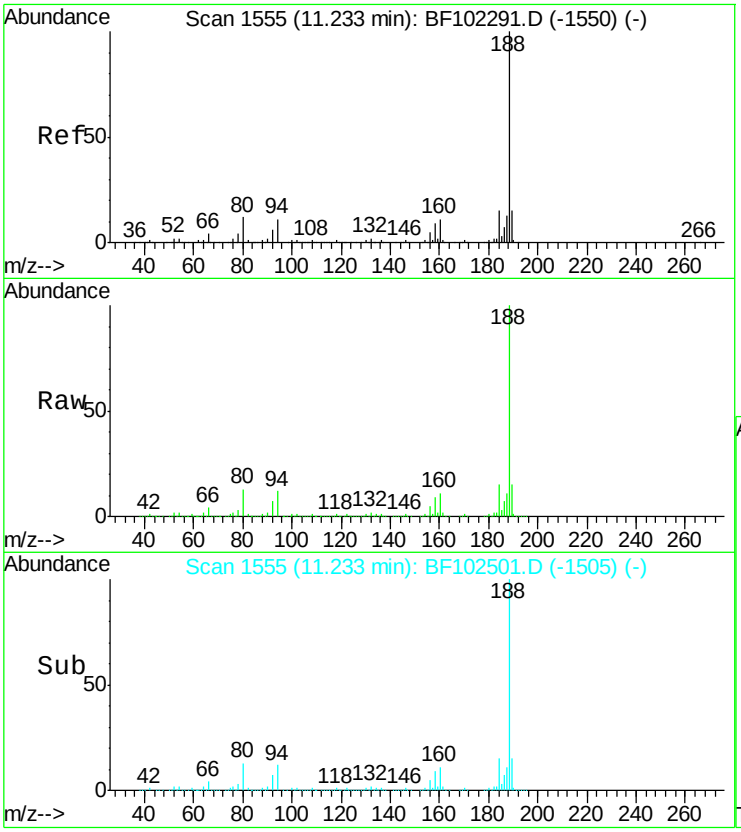


#56
2,4-Dinitrotoluene
Concen: 5.774 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion:165 Resp: 43710

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



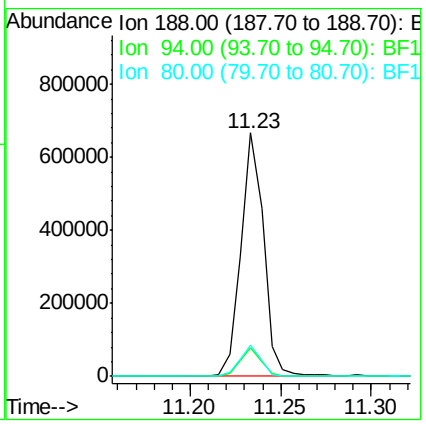


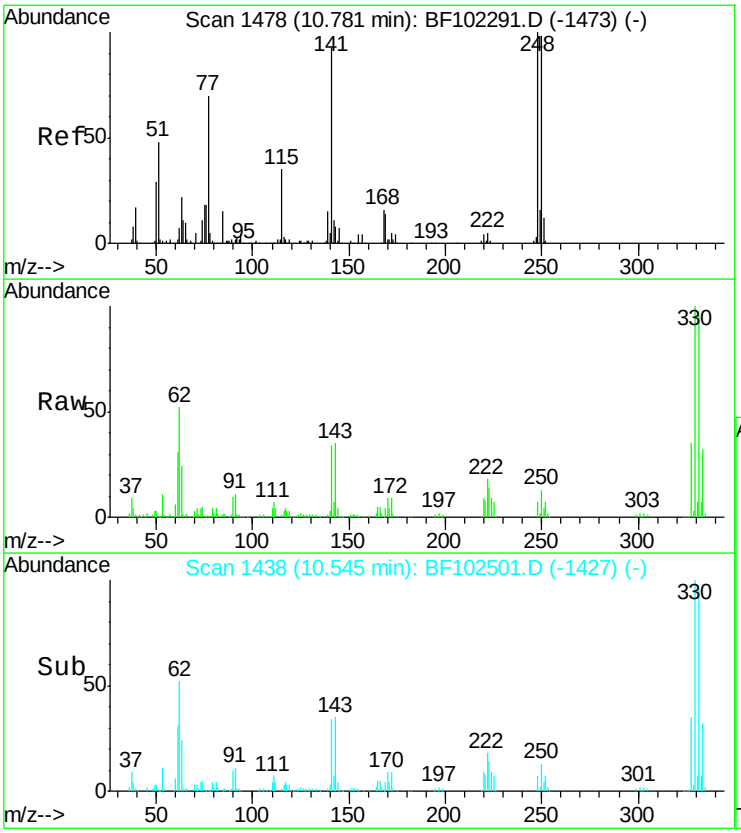
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion:188 Resp: 581611

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.7	9.2	13.8

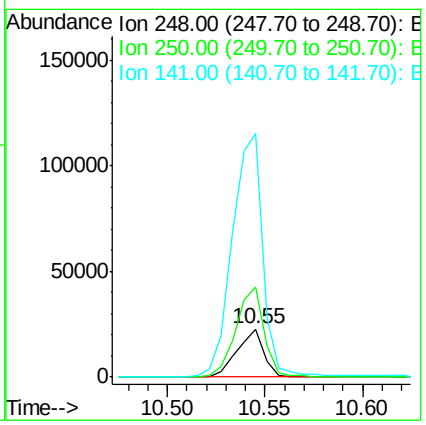


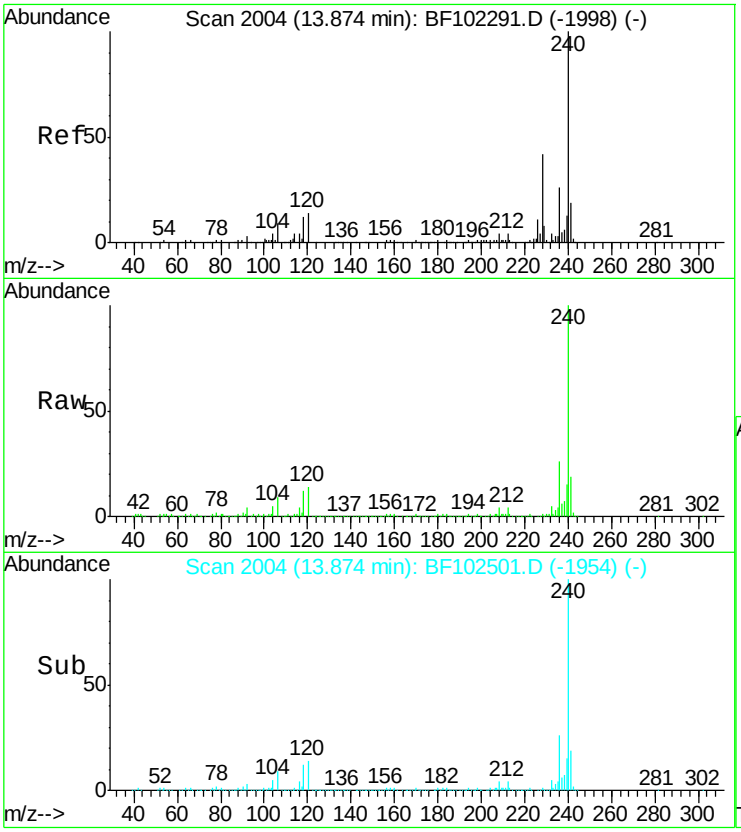


#66
4-Bromophenyl-phenylether
Concen: 3.485 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion:248 Resp: 21820

Ion	Ratio	Lower	Upper
248	100		
250	188.9	76.9	115.3#
141	508.9	74.4	111.6#



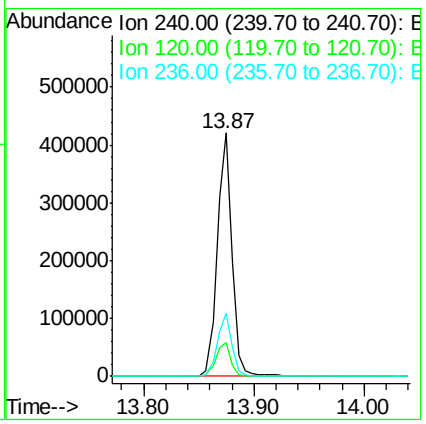


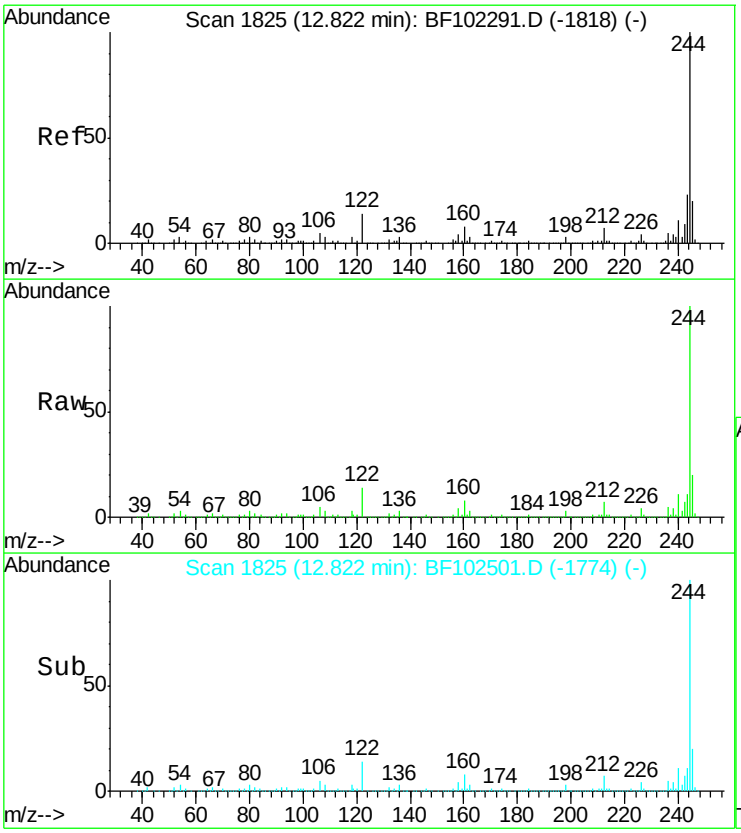
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion:240 Resp: 387810

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.9	20.7	31.1

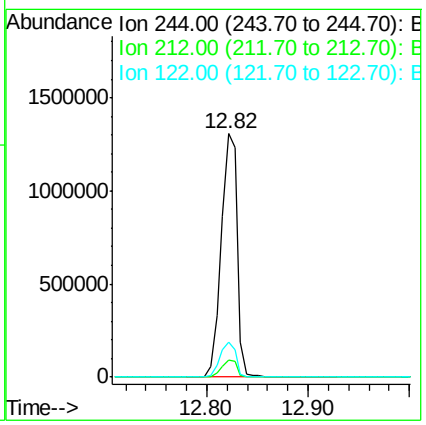


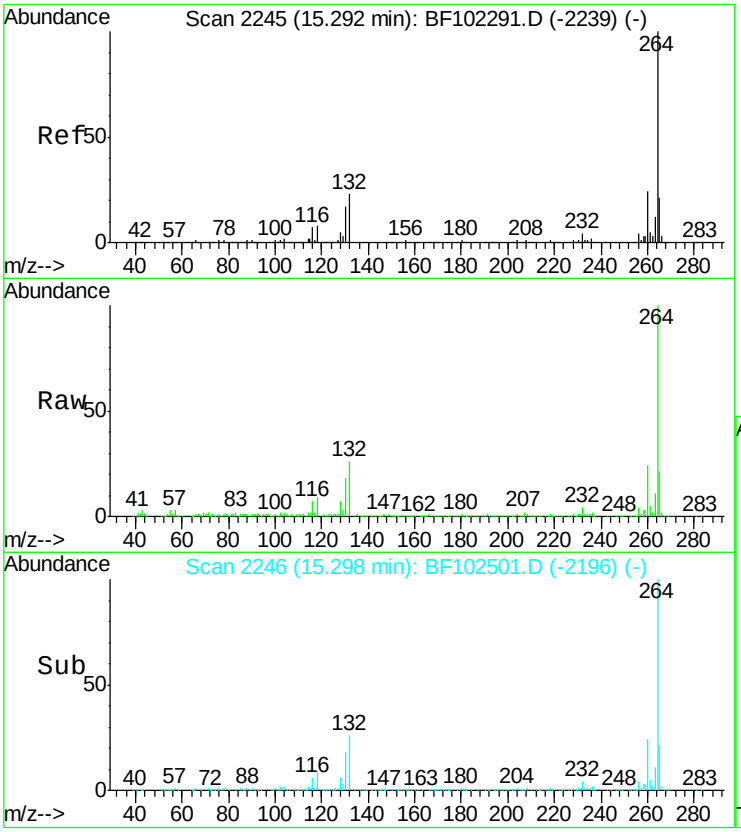


#78
Terphenyl-d14
Concen: 82.834 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102501.D
Acq: 27 Jan 2018 11:02

Tgt Ion:244 Resp: 1424973

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	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: BF102501.D
Acq: 27 Jan 2018 11:02

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(EW1-4)

Tgt Ion:264 Resp: 300023

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3