Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102516.D
Acq On : 27 Jan 2018 17:59
Operator : SJ/JU
Sample : J1307-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-201

Quant Time: Jan 27 21:00:20 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	6.72	152	180574	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	736535	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	315839	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	506511	20.00	ng		0.00
75) Chrysene-d12	13.87	240	317631	20.00	ng		0.00
86) Perylene-d12	15.30	264	295503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1185237	99.52	ng		0.01
7) Phenol-d6	6.36	99	1457169	101.49	ng		0.00
23) Nitrobenzene-d5	7.29	82	913612	71.28	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	272968	87.22	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1517454	70.64	ng		0.00
78) Terphenyl-d14	12.82	244	1095350	77.74	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	25049	2.529	ng		88
10) Phenol	6.37	94	68645	4.379	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	119480	13.598	ng	#	79
25) Isophorone	7.29	82	897524	39.281	ng	#	64
49) Dimethylphthalate	9.47	163	188794	7.232	ng		99
56) 2,4-Dinitrotoluene	9.75	165	39863	5.759	ng	#	23
66) 4-Bromophenyl-phenylether	10.55	248	17897	3.282	ng	#	1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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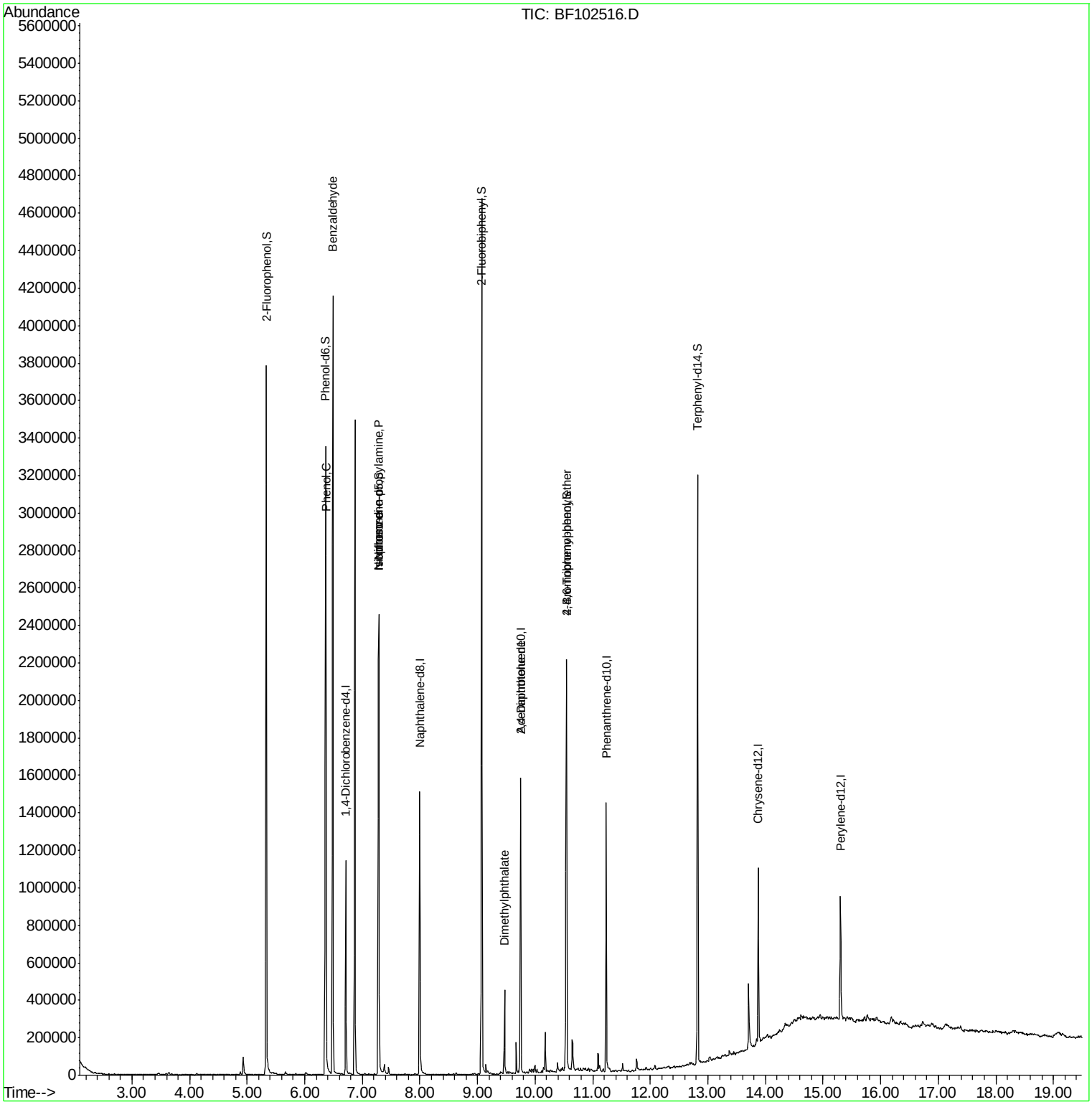
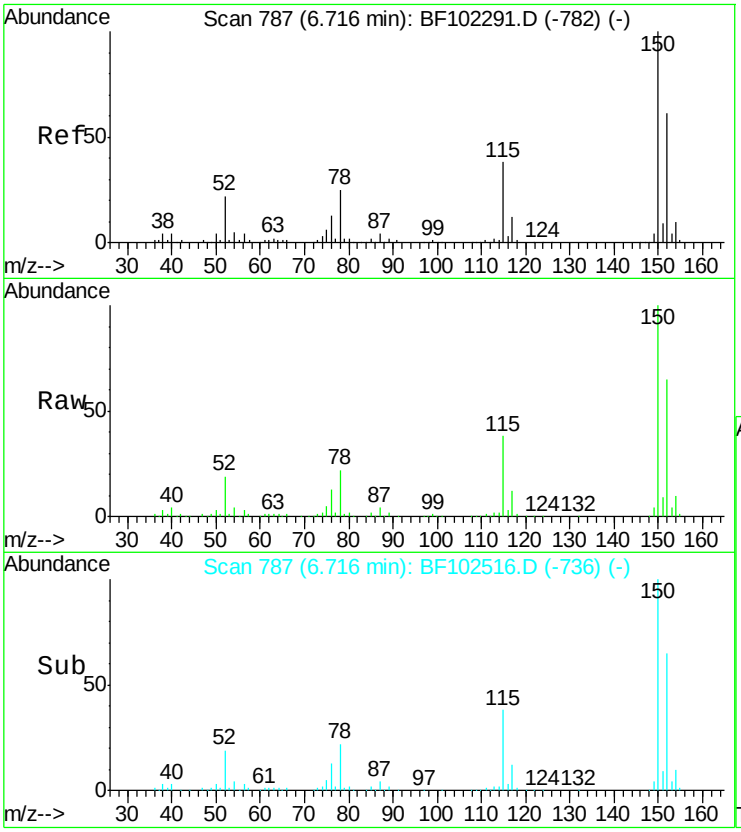


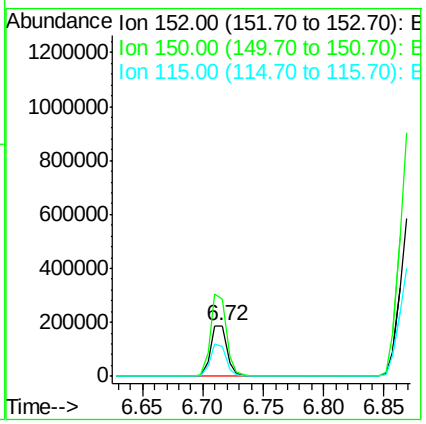


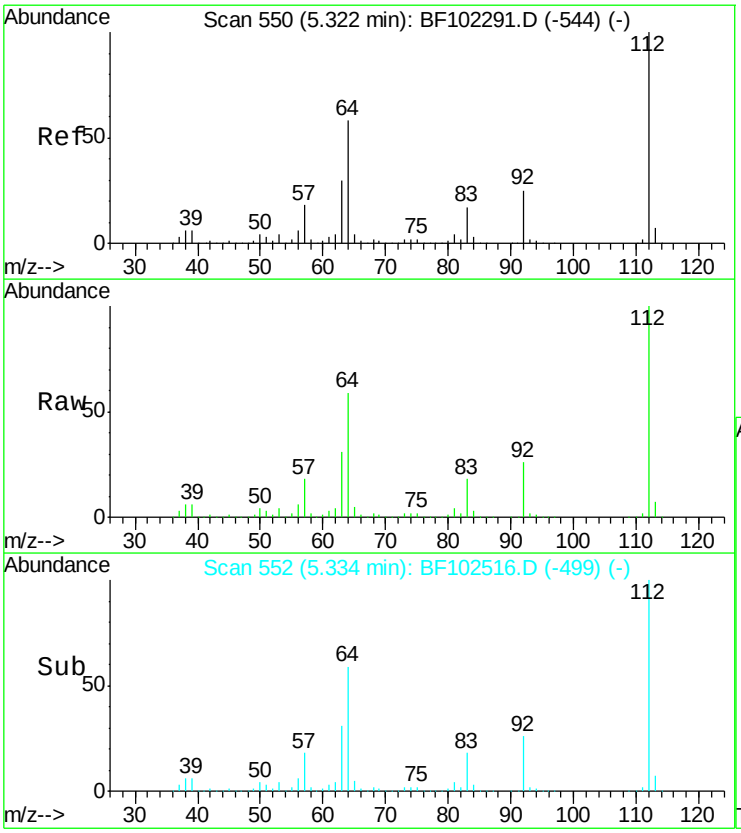
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion:152 Resp: 180574

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	57.7	50.1	75.1

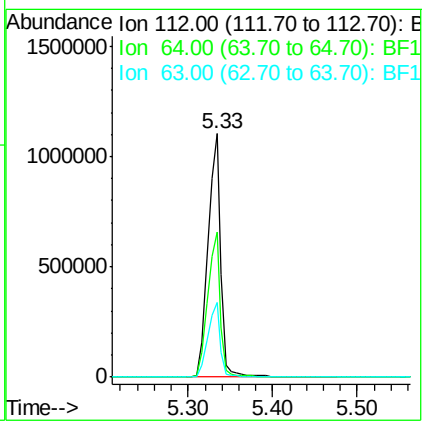


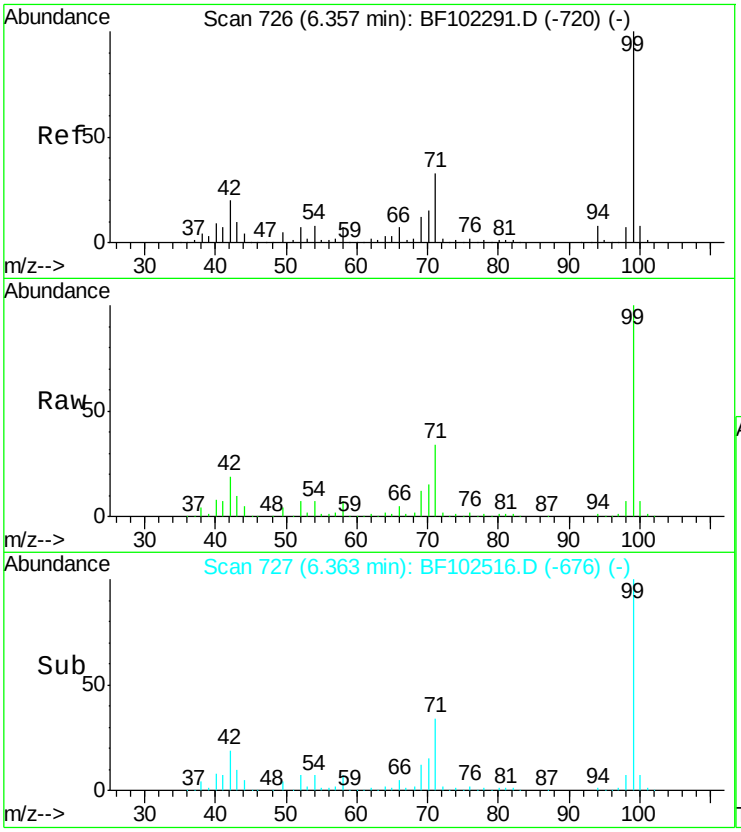


#5
2-Fluorophenol
Concen: 99.523 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion:112 Resp: 1185237

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.8	23.7	35.5



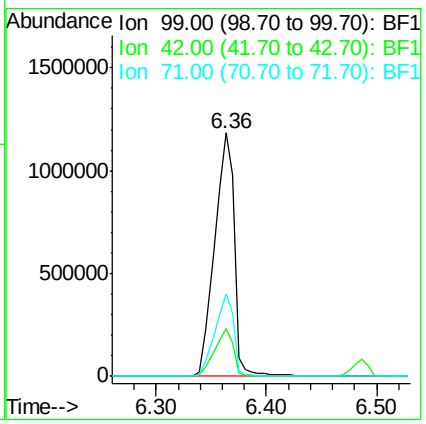


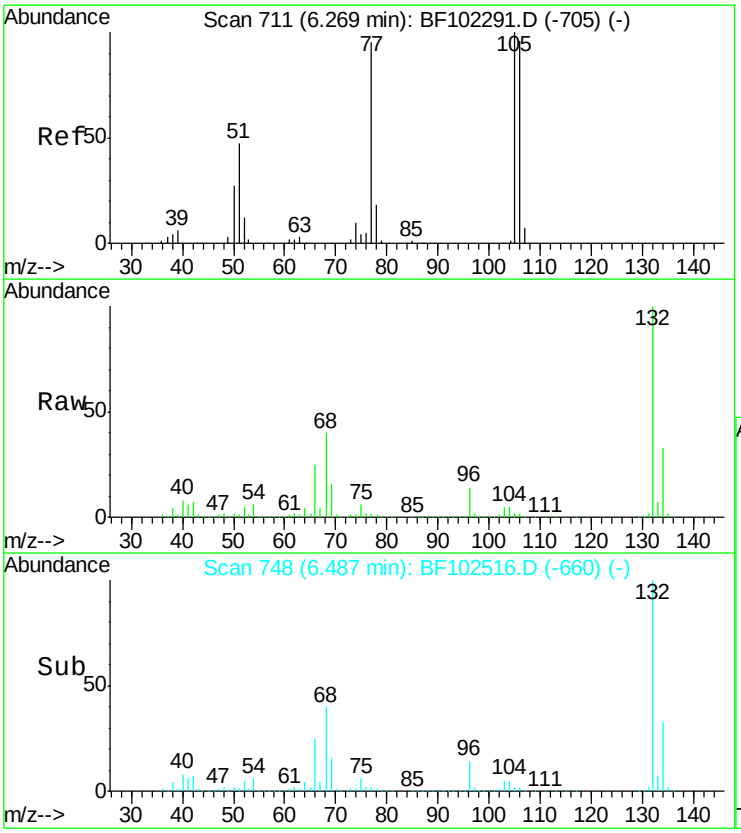
#7
Phenol-d6
Concen: 101.491 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion: 99 Resp: 1457169

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.7	25.4	38.0

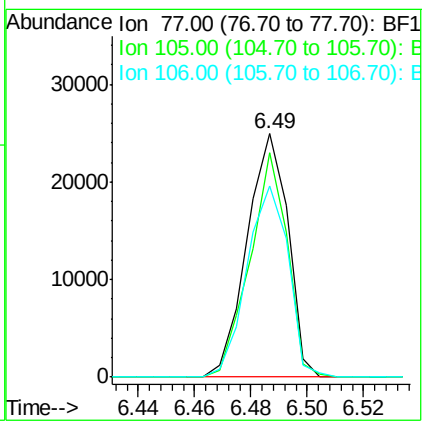


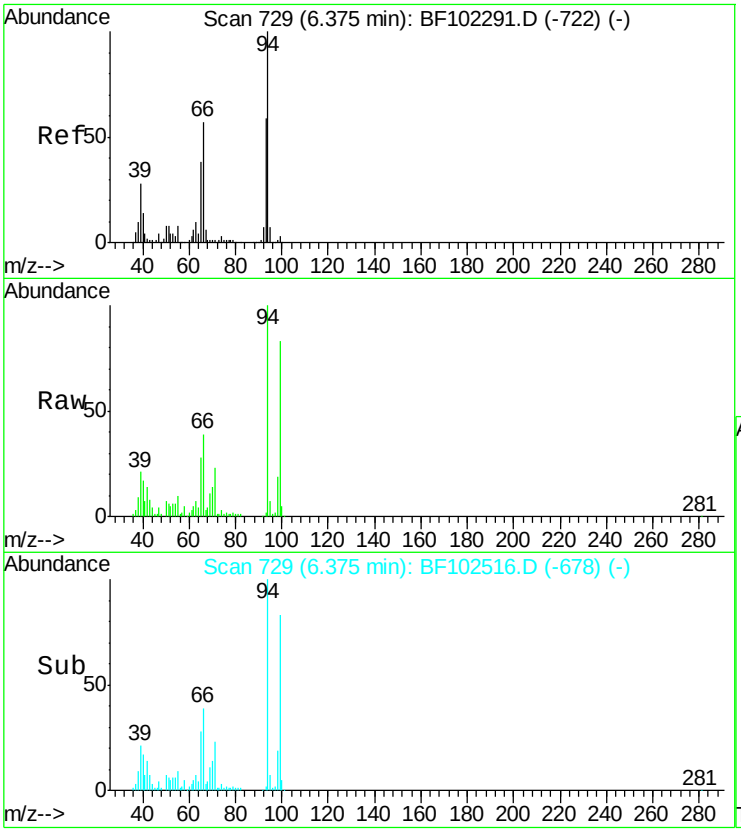


#9
Benzaldehyde
Concen: 2.529 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion: 77 Resp: 25049

Ion	Ratio	Lower	Upper
77	100		
105	92.4	81.1	121.1
106	78.6	74.5	114.5



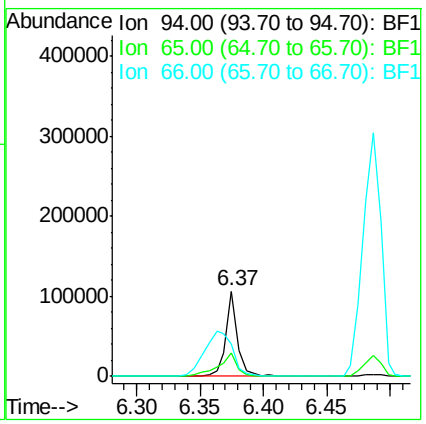


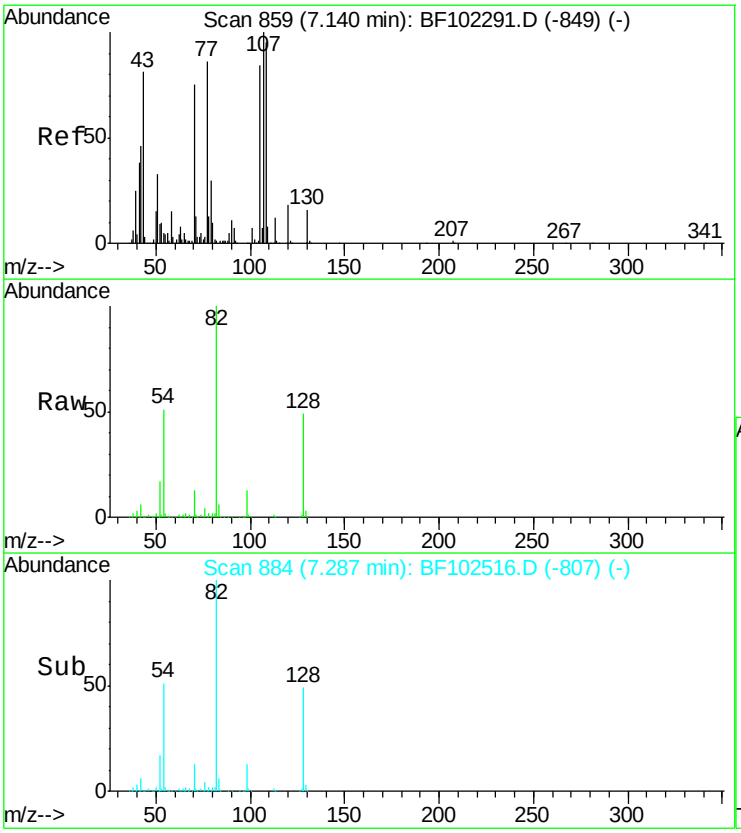
#10
Phenol
Concen: 4.379 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion: 94 Resp: 68645

Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	38.6	16.2	56.2

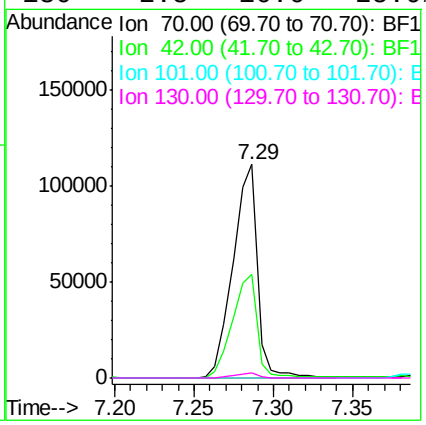


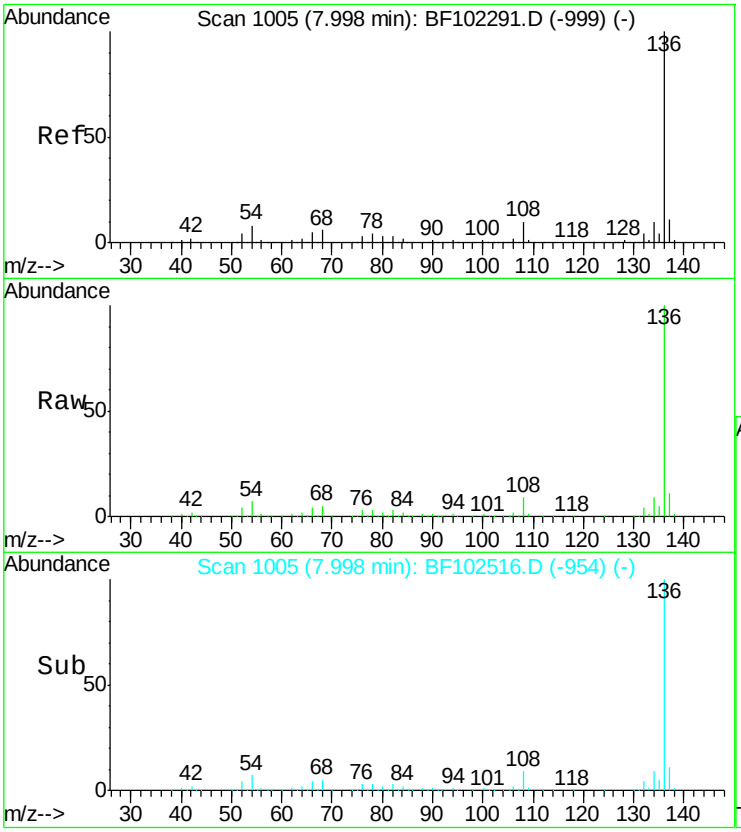


#19
n-Nitroso-di-n-propylamine
Concen: 13.598 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion: 70 Resp: 119480

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



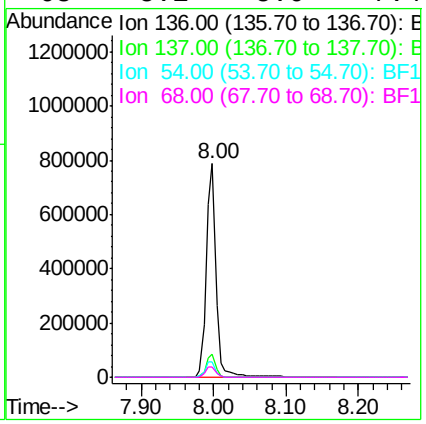


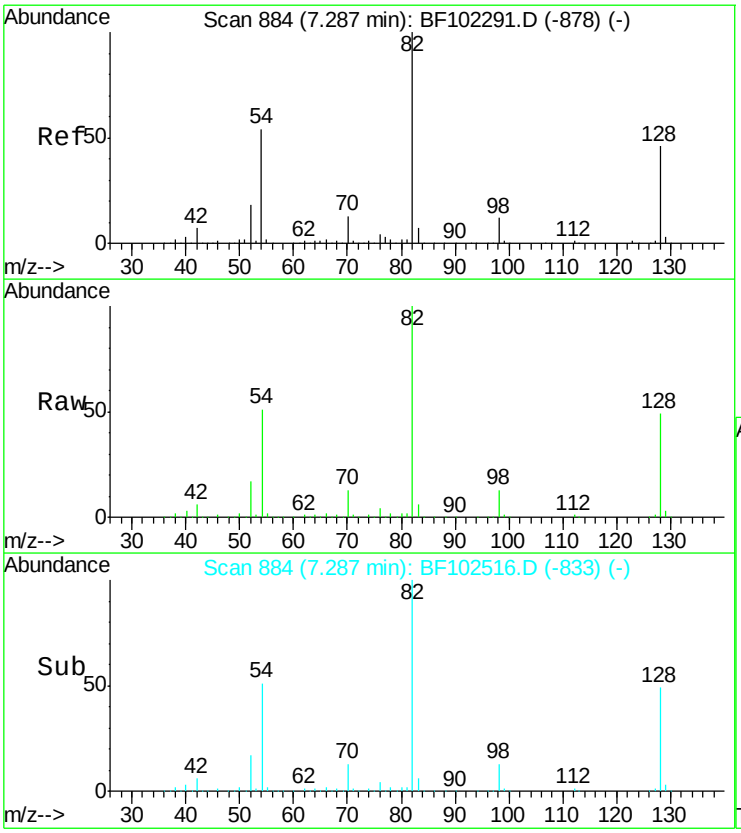
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion:136 Resp: 736535

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	5.1	5.0	7.4

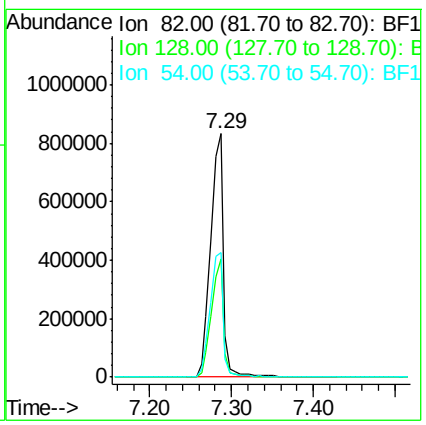


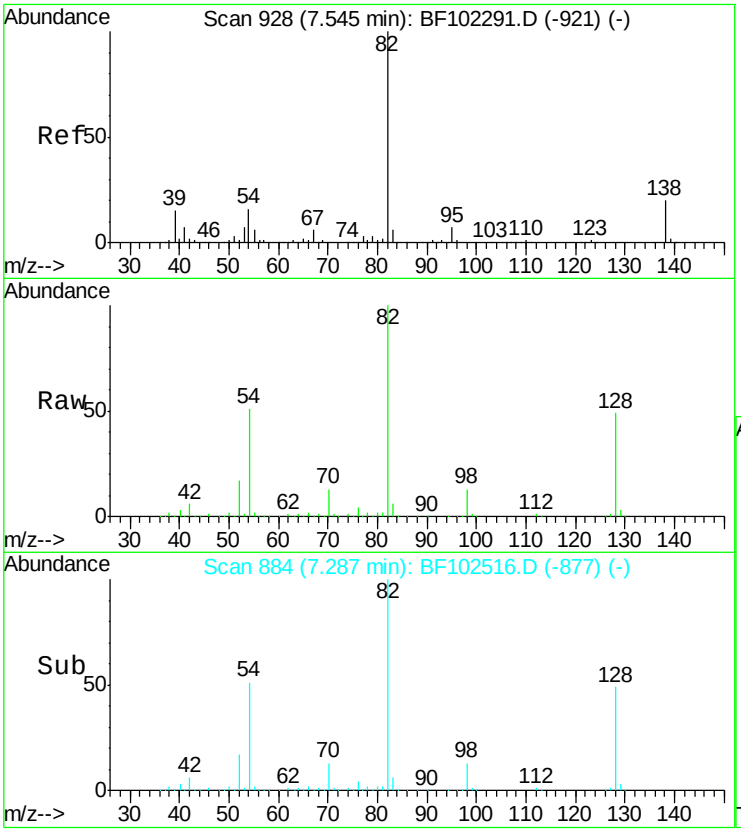


#23
Nitrobenzene-d5
Concen: 71.283 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion: 82 Resp: 913612

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	51.3	41.4	62.2



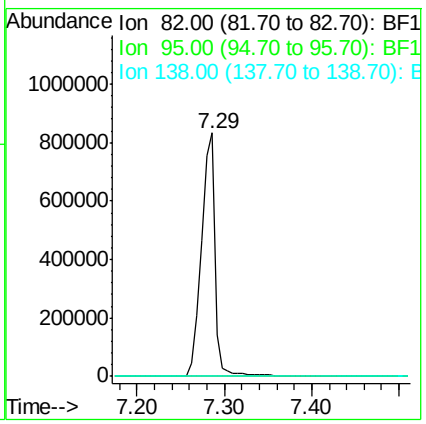


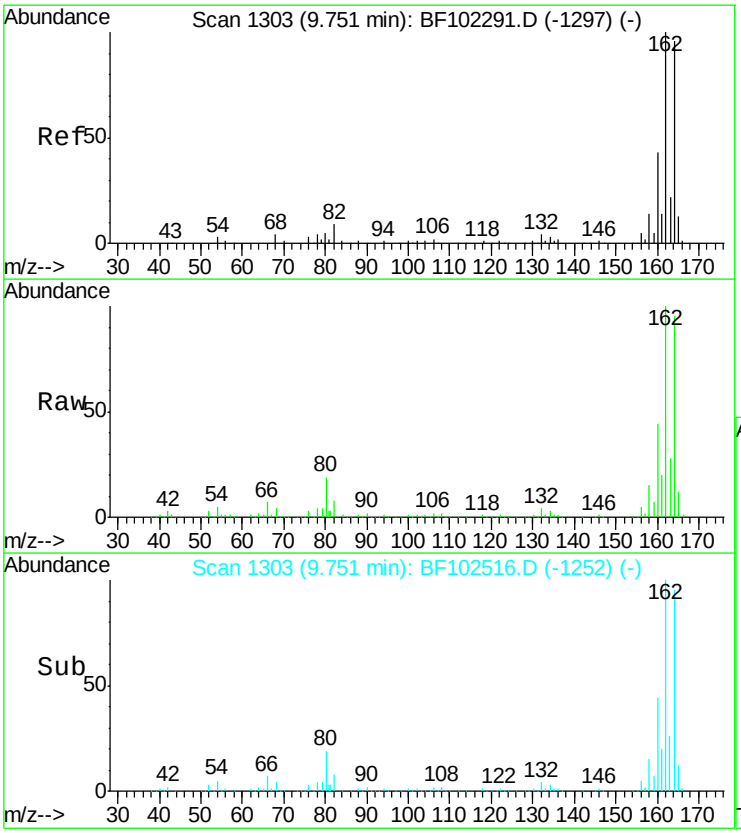
#25
Isophorone
Concen: 39.281 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion: 82 Resp: 897524

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

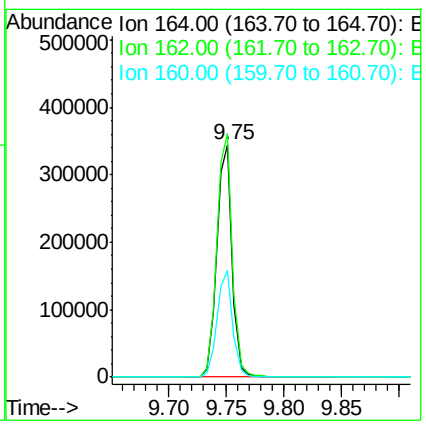


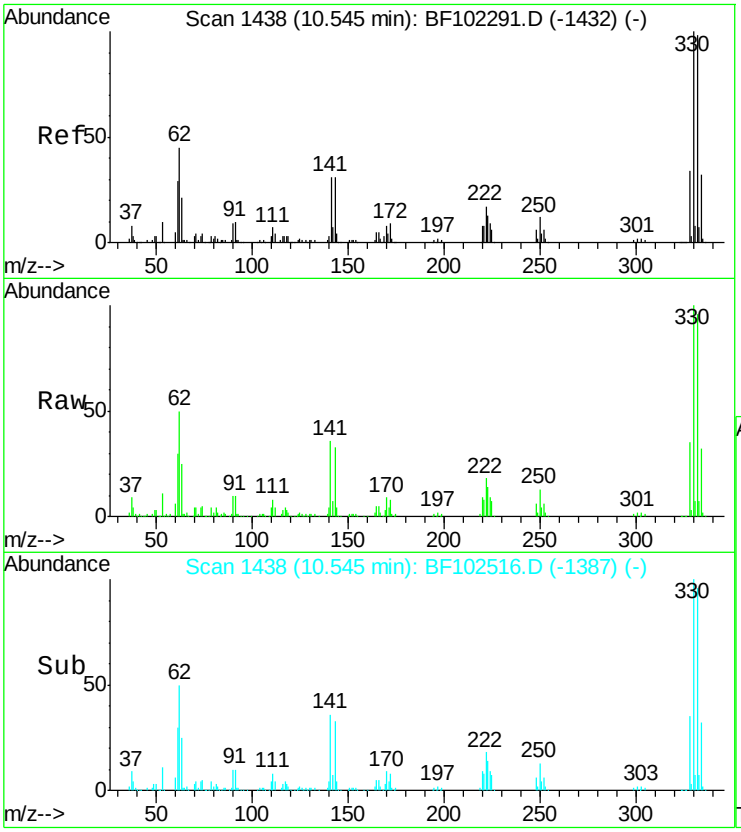


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion:164 Resp: 315839

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.0	38.3	57.5



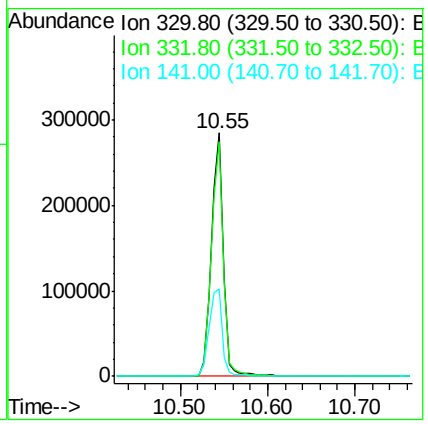


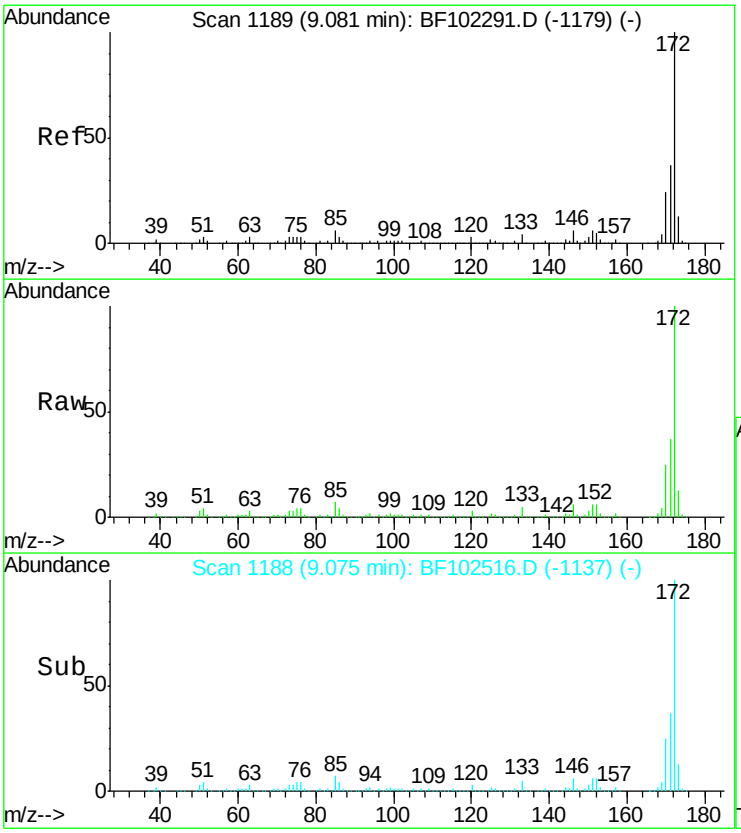
#41
2,4,6-Tribromophenol
Concen: 87.224 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion:330 Resp: 272968

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	40.0	29.9	44.9

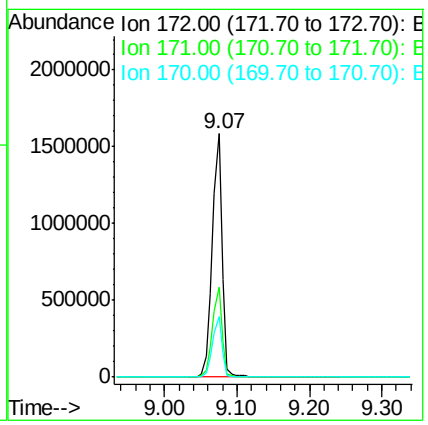


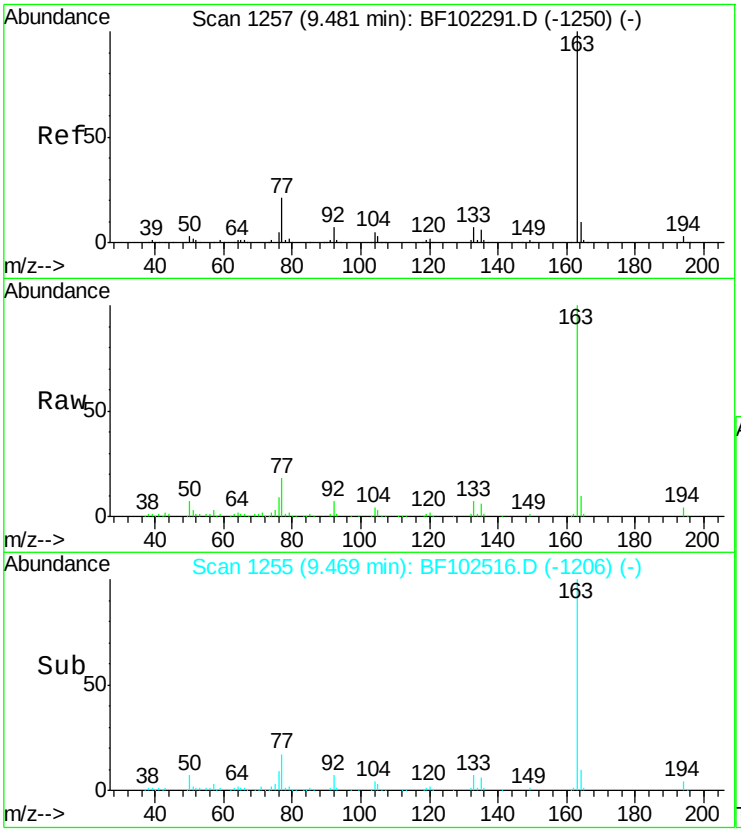


#44
2-Fluorobiphenyl
Concen: 70.643 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion:172 Resp: 1517454

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.0	19.6	29.4



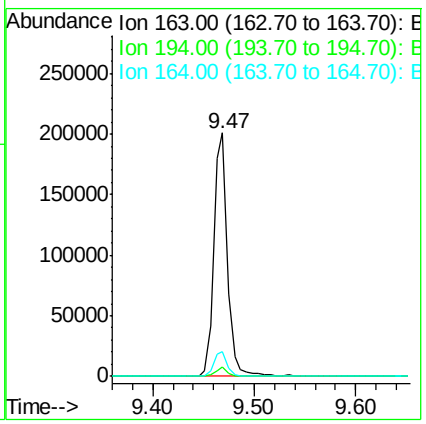


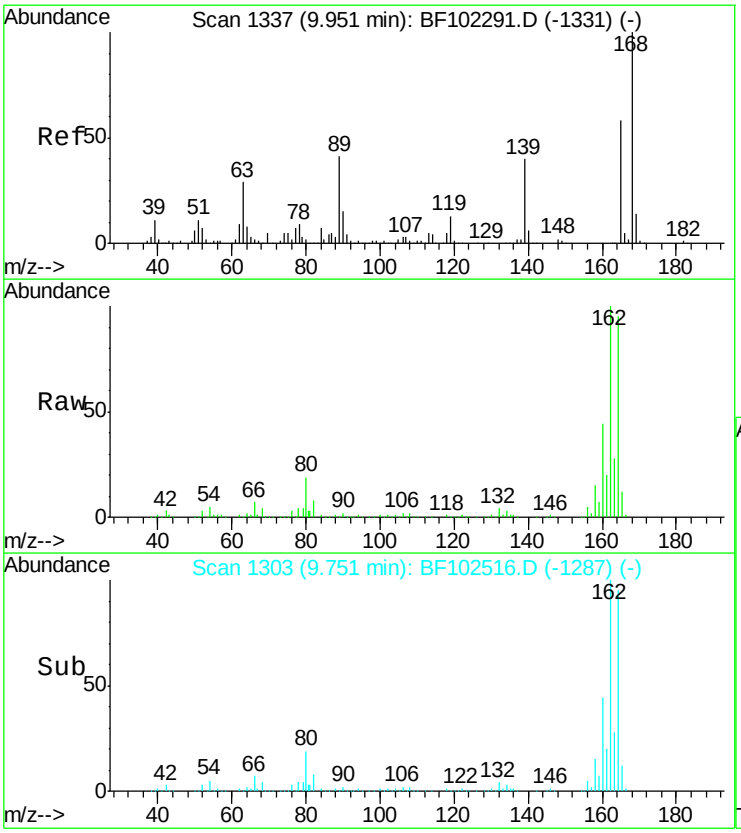
#49
Dimethylphthalate
Concen: 7.232 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion:163 Resp: 188794

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2

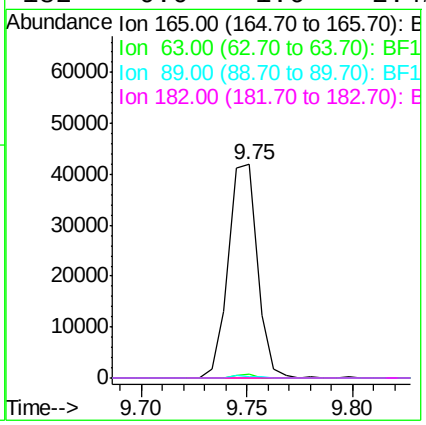


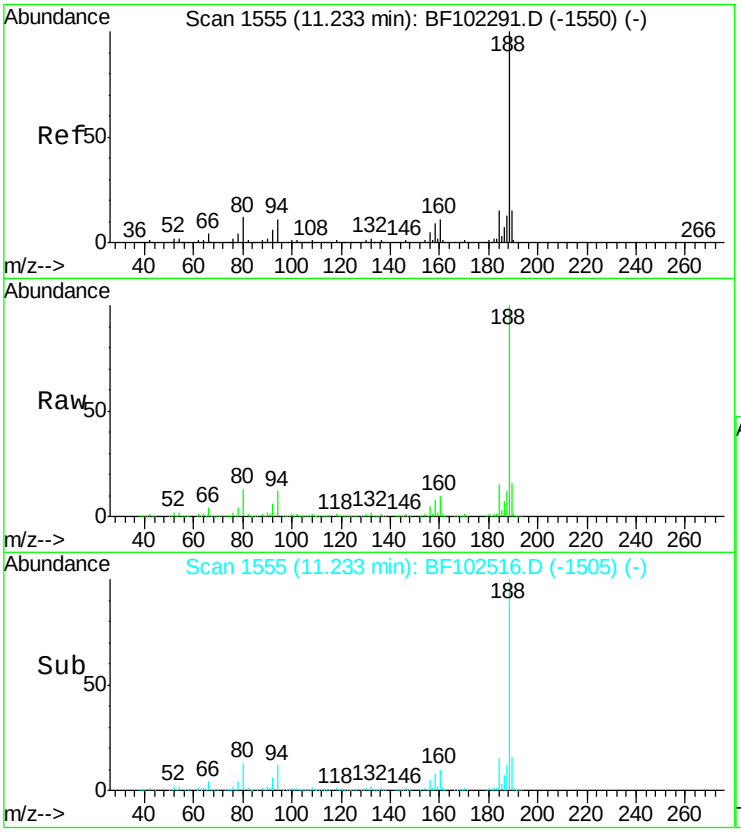


#56
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion:165 Resp: 39863

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



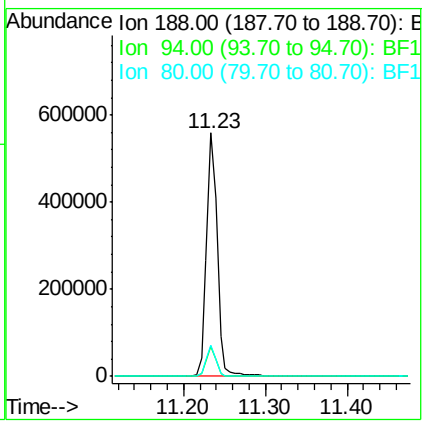


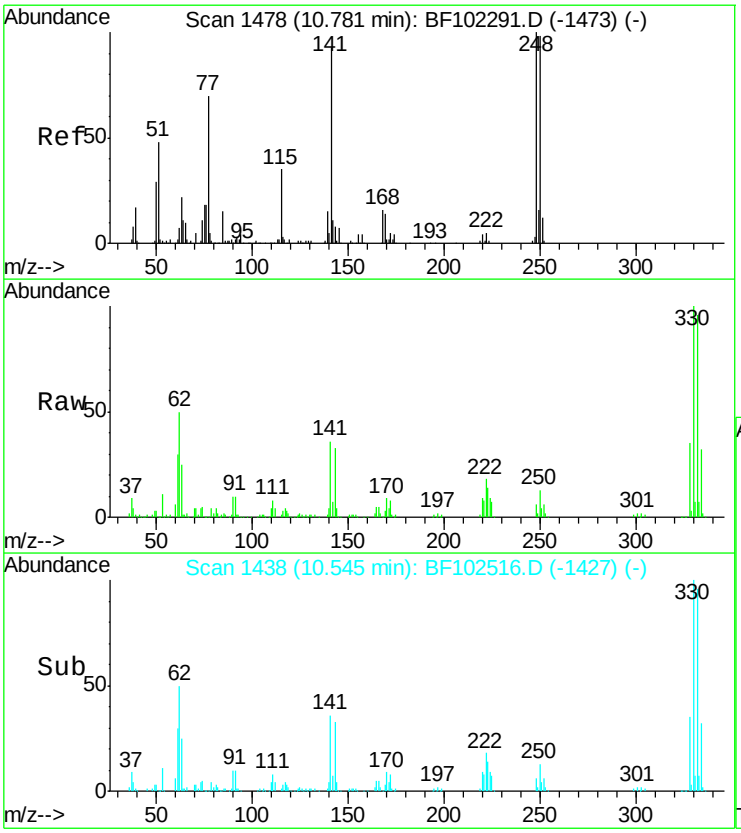
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion:188 Resp: 506511

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	12.8	9.2	13.8

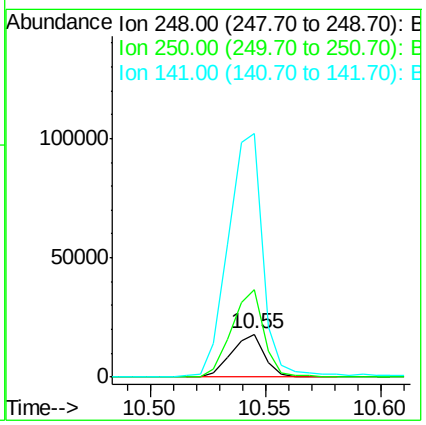


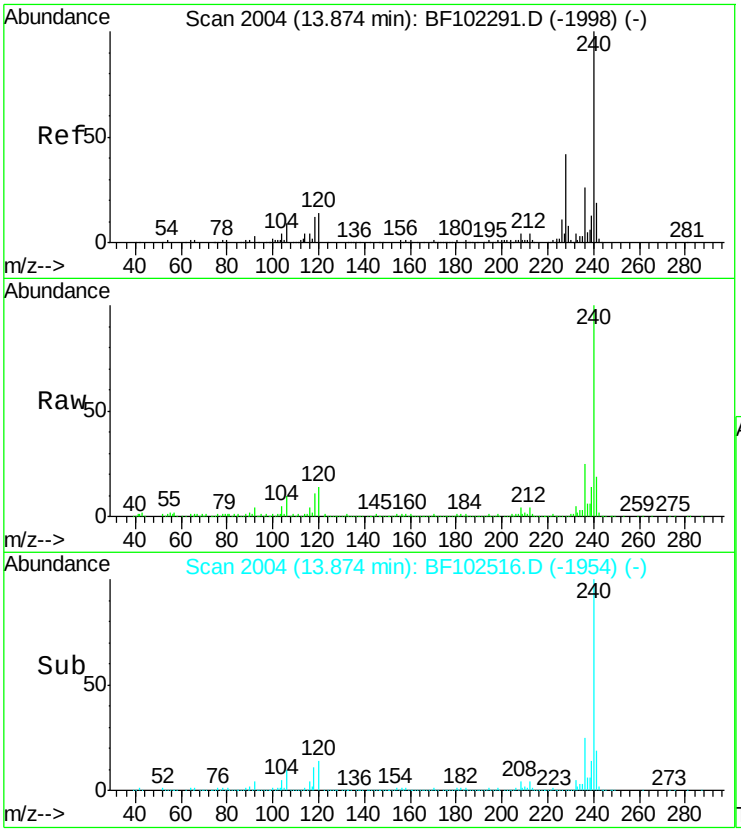


#66
4-Bromophenyl-phenylether
Concen: 3.282 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion:248 Resp: 17897

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.9	115.3#
141	570.0	74.4	111.6#



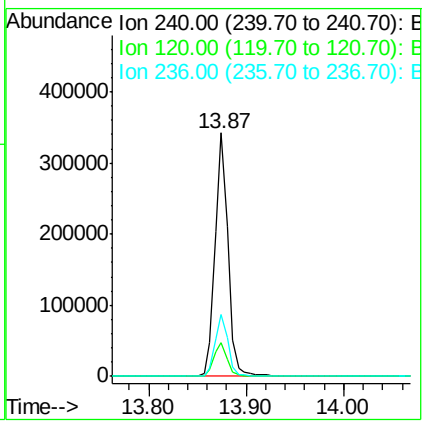


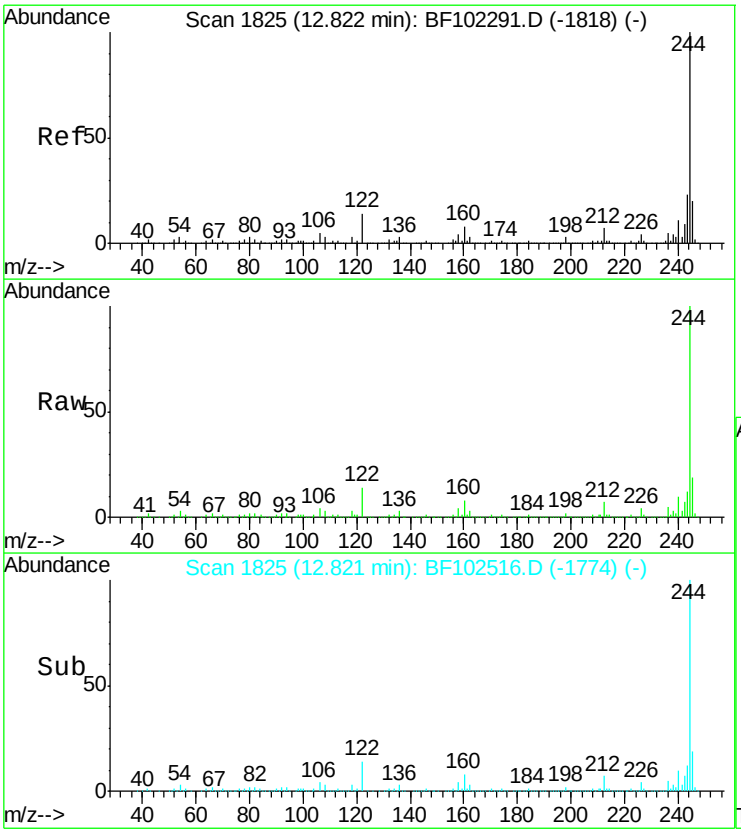
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion:240 Resp: 317631

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.3	20.7	31.1

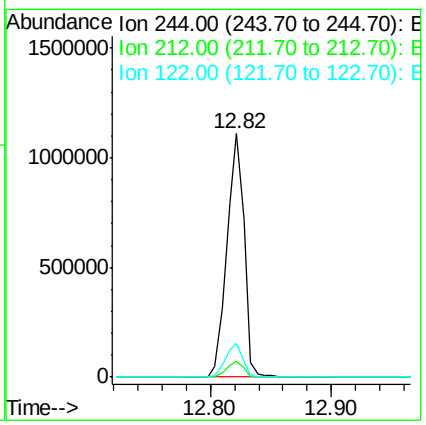


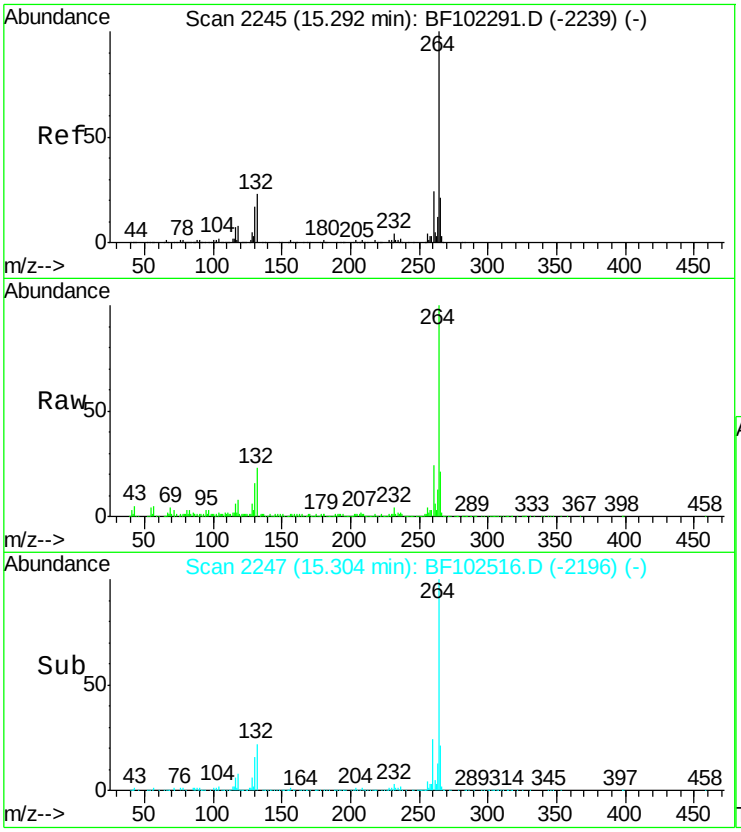


#78
Terphenyl-d14
Concen: 77.742 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Tgt Ion:244 Resp: 1095350

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF102516.D
Acq: 27 Jan 2018 17:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-201

Tgt Ion:264 Resp: 295503

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	17.5	26.3