Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102032.D
Acq On : 11 Jan 2018 21:27
Operator : SJ/JU
Sample : J1062-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-29-COMP

Quant Time: Jan 11 23:44:44 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	6.73	152	217430	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	870239	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	371812	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	586829	20.00	ng		0.00
75) Chrysene-d12	13.87	240	358362	20.00	ng		0.00
86) Perylene-d12	15.29	264	376024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1459130	94.76	ng		0.01
7) Phenol-d6	6.36	99	1768315	96.25	ng		0.00
23) Nitrobenzene-d5	7.29	82	1115657	75.34	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	328838	101.34	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1831128	76.94	ng		0.00
78) Terphenyl-d14	12.83	244	1326882	76.88	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	31917	2.502	ng		84
10) Phenol	6.37	94	80466	3.876	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	150909	12.535	ng	#	83
25) Isophorone	7.29	82	1115637	38.127	ng	#	64
49) Dimethylphthalate	9.48	163	163558	5.484	ng		99
56) 2,4-Dinitrotoluene	9.76	165	48169	6.450	ng	#	24
62) Azobenzene	10.47	77	73341	2.485	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	655	5.843	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	21683	3.499	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102032.D
Acq On : 11 Jan 2018 21:27
Operator : SJ/JU
Sample : J1062-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Quant Time: Jan 11 23:44:44 2018
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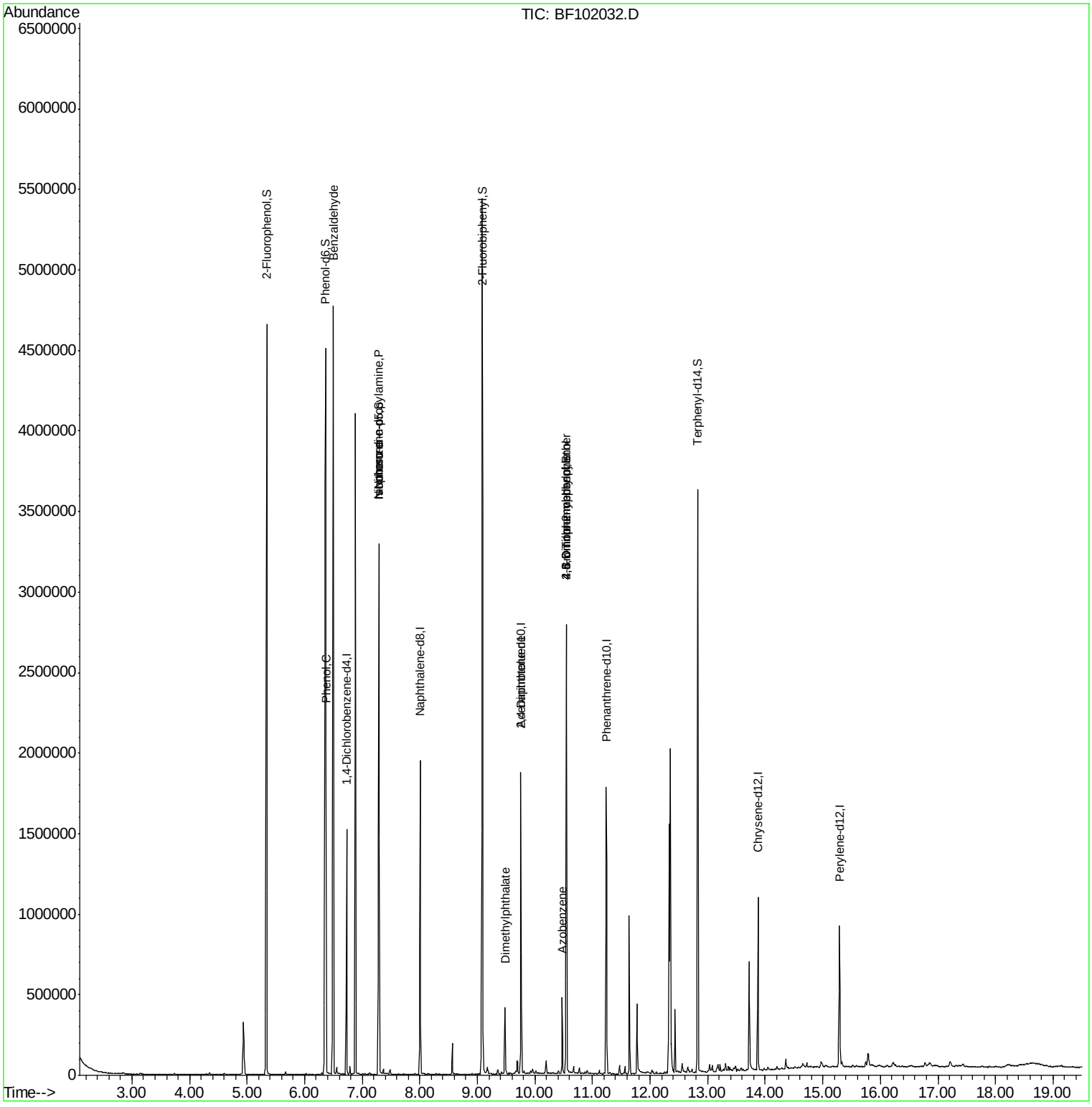
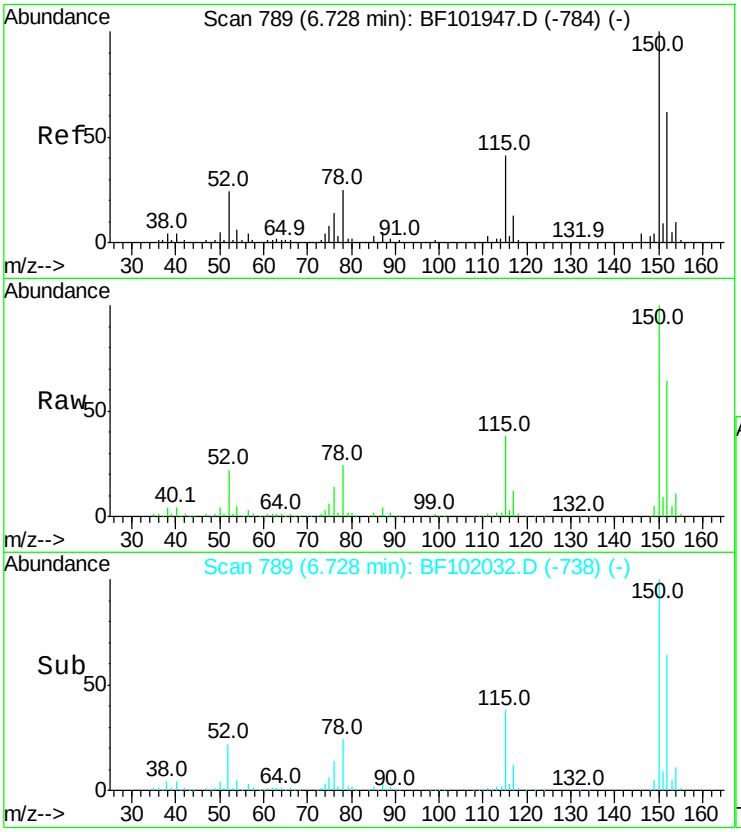
Response via : Initial Calibration



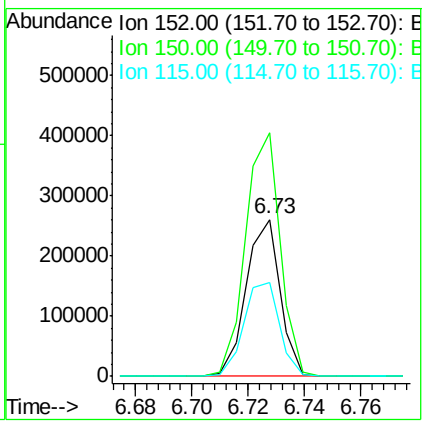


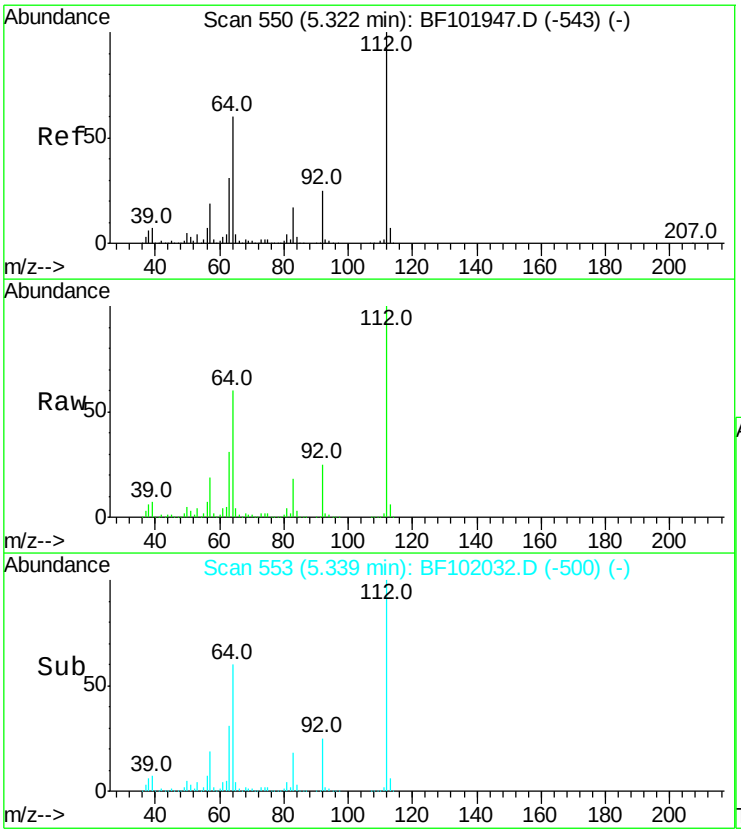
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:152 Resp: 217430

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.6	50.1	75.1

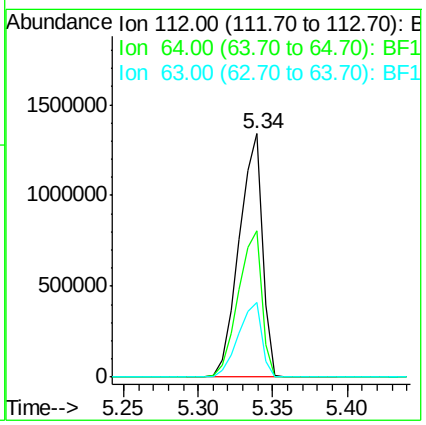


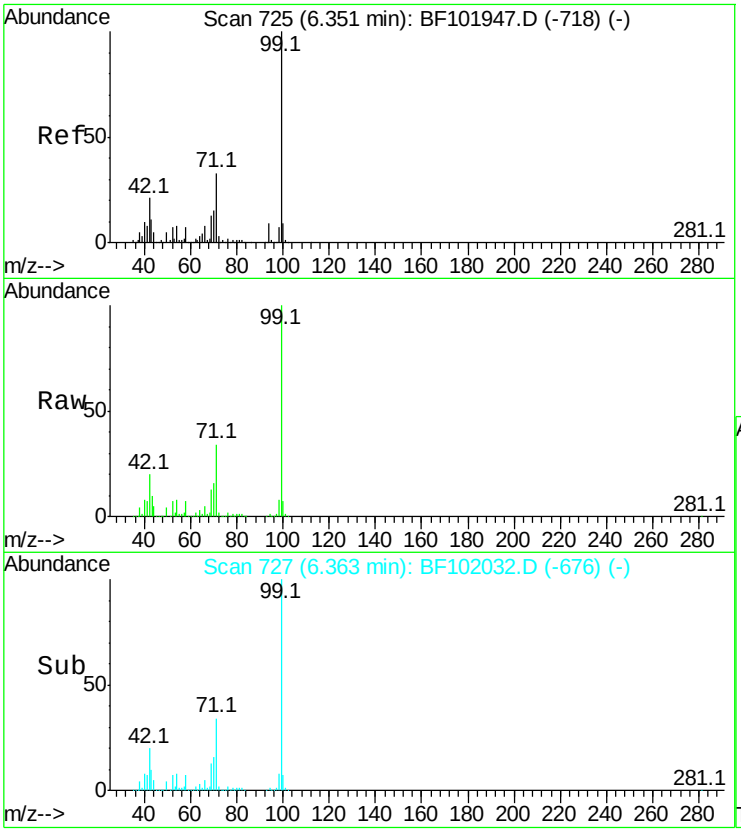


#5
2-Fluorophenol
Concen: 94.762 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion:112 Resp: 1459130

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.7	23.7	35.5



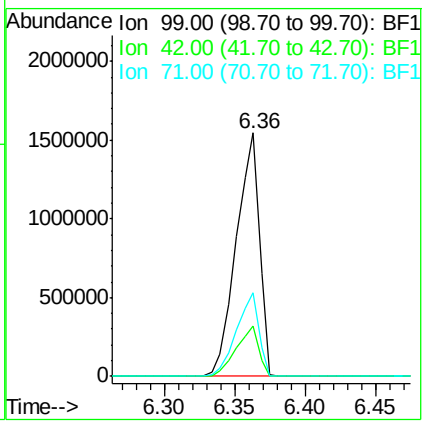


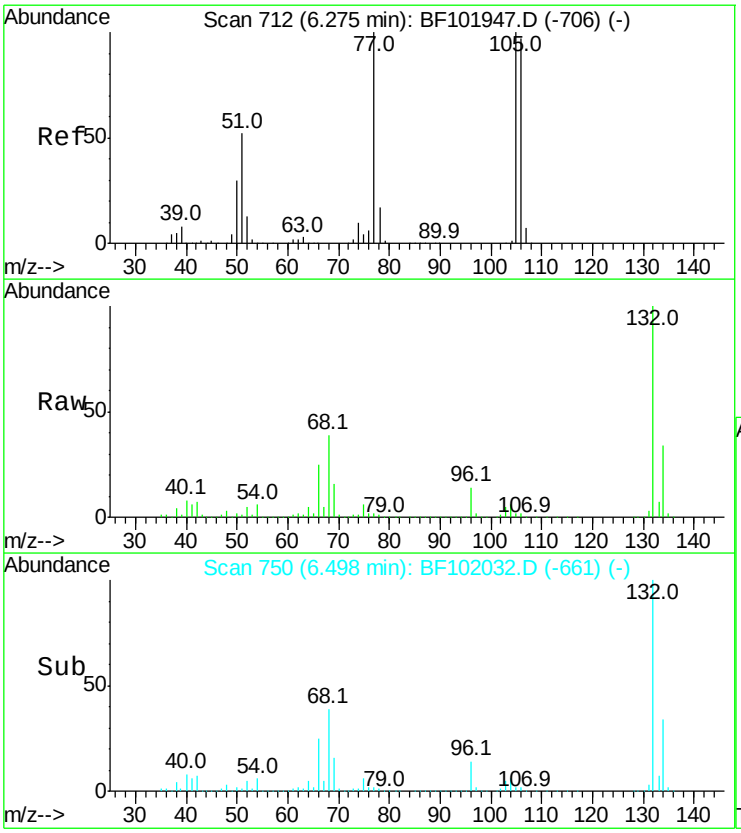
#7
Phenol-d6
Concen: 96.255 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion: 99 Resp: 1768315

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	34.1	25.4	38.0

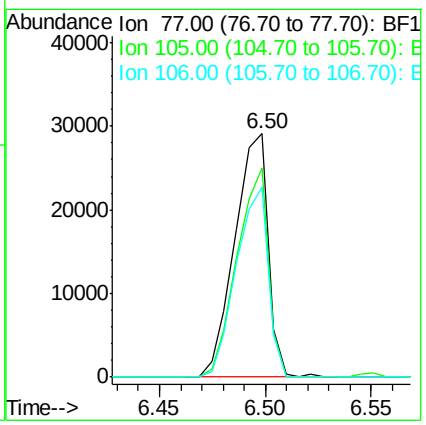


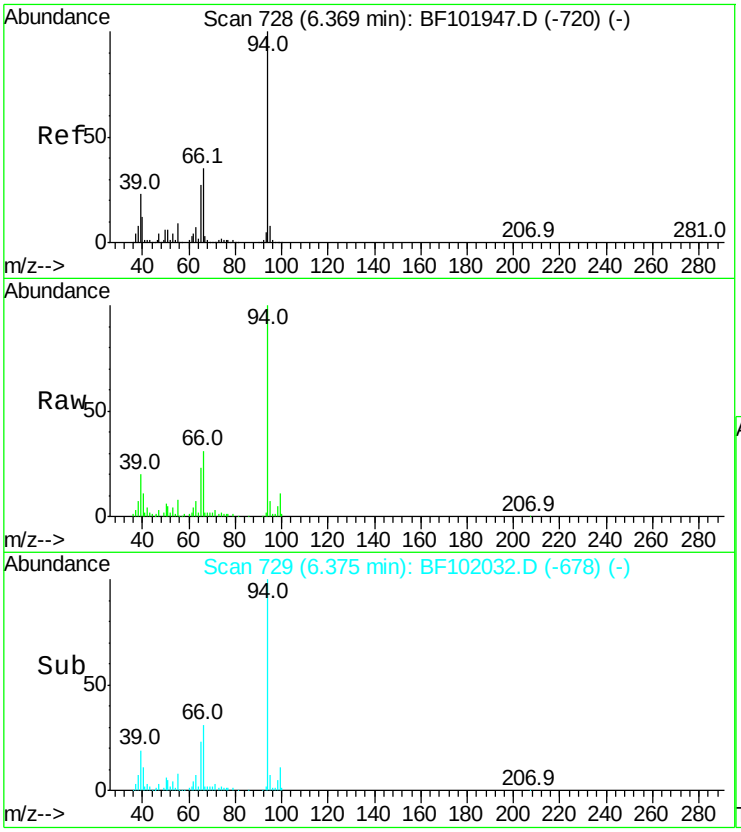


#9
Benzaldehyde
Concen: 2.502 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion: 77 Resp: 31917

Ion	Ratio	Lower	Upper
77	100		
105	85.8	81.1	121.1
106	77.9	74.5	114.5



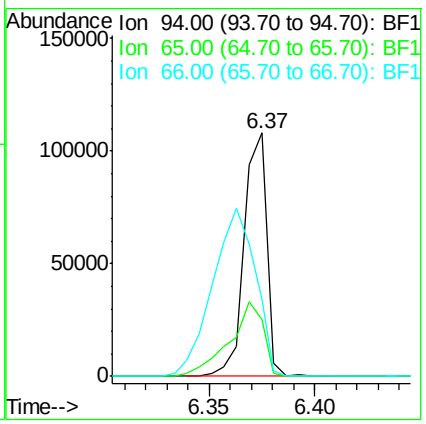


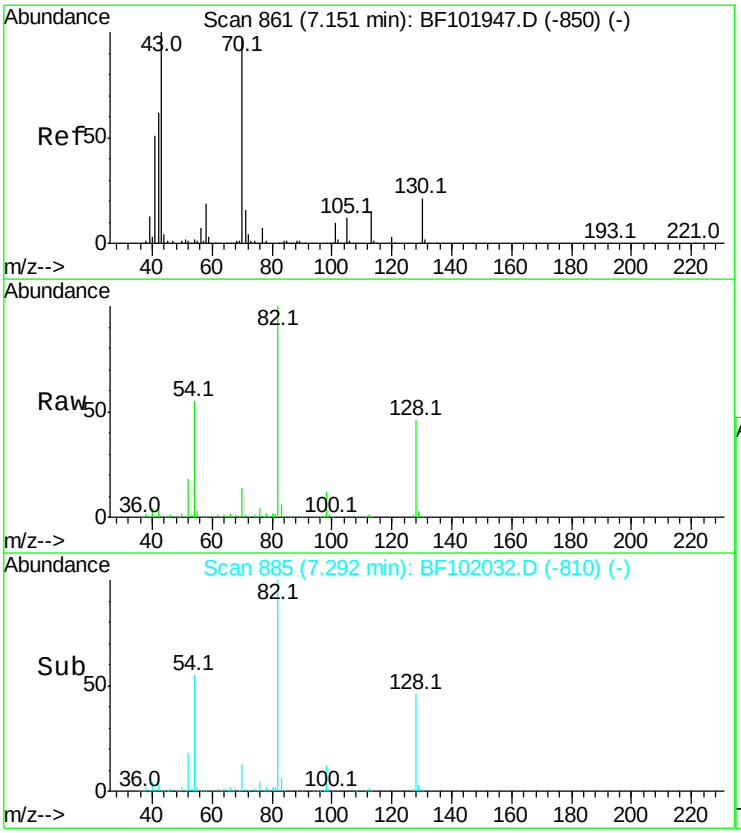
#10
Phenol
Concen: 3.876 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion: 94 Resp: 80466

Ion	Ratio	Lower	Upper
94	100		
65	23.5	7.9	47.9
66	31.5	16.2	56.2

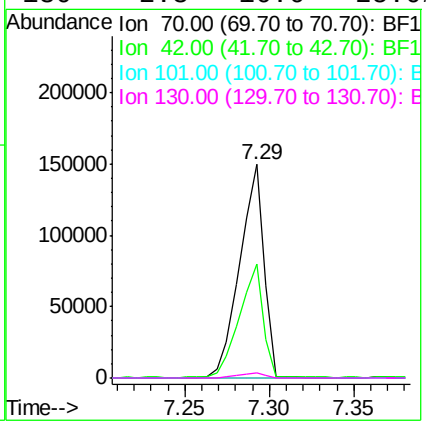


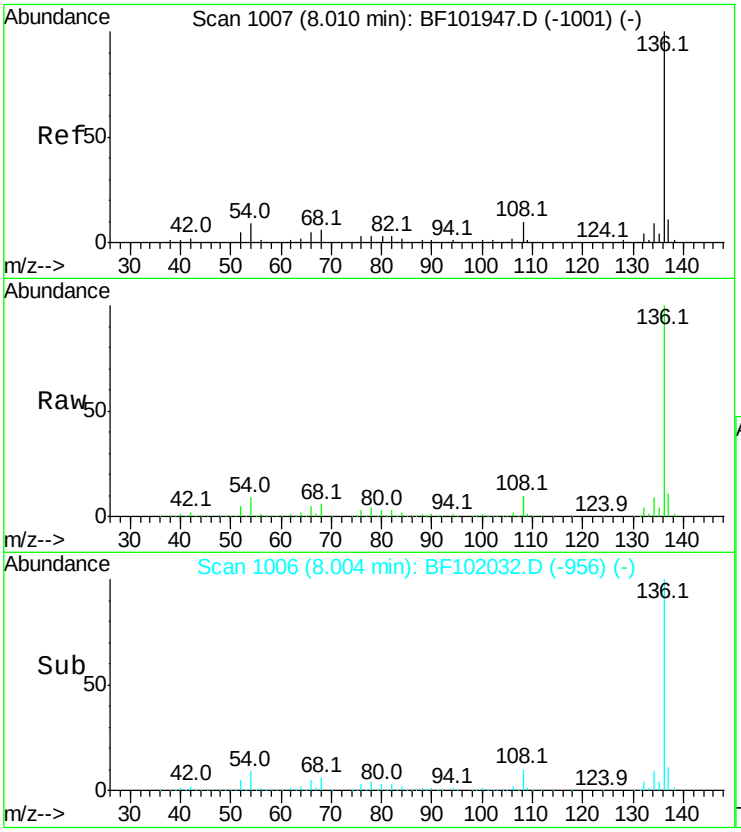


#19
n-Nitroso-di-n-propylamine
Concen: 12.535 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion: 70 Resp: 150909

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



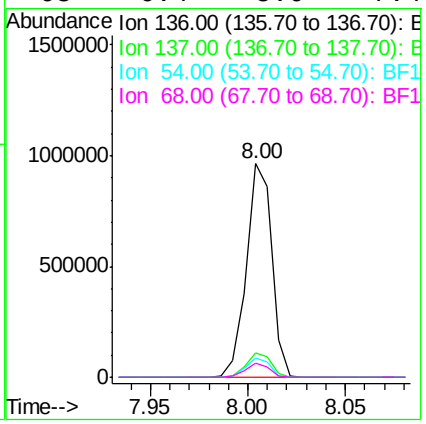


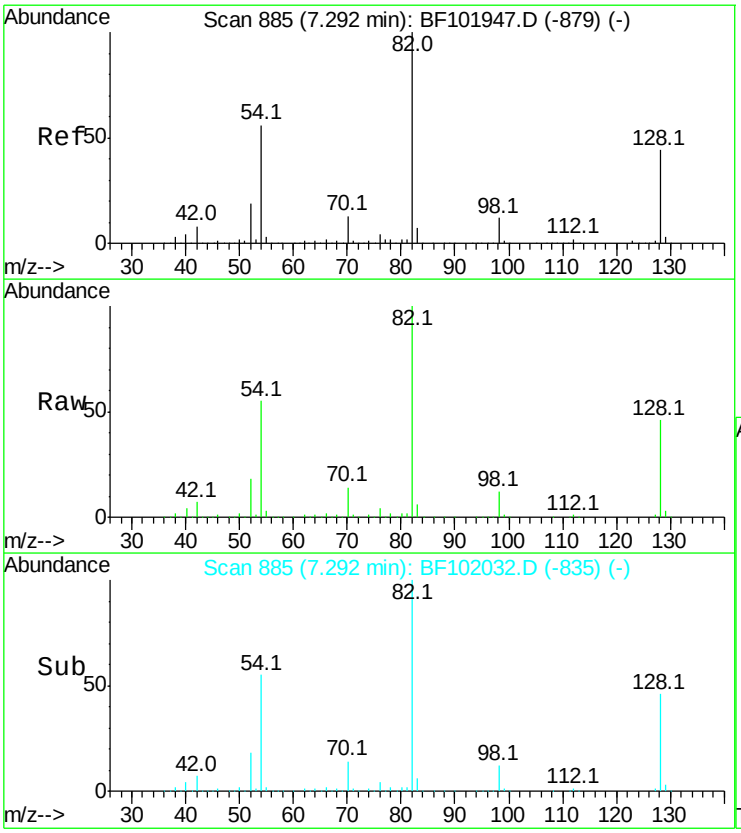
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:136 Resp: 870239

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	6.4	5.0	7.4

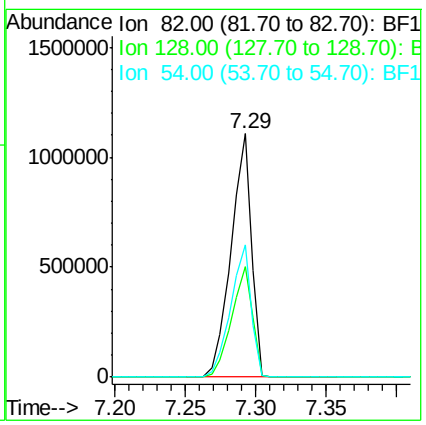


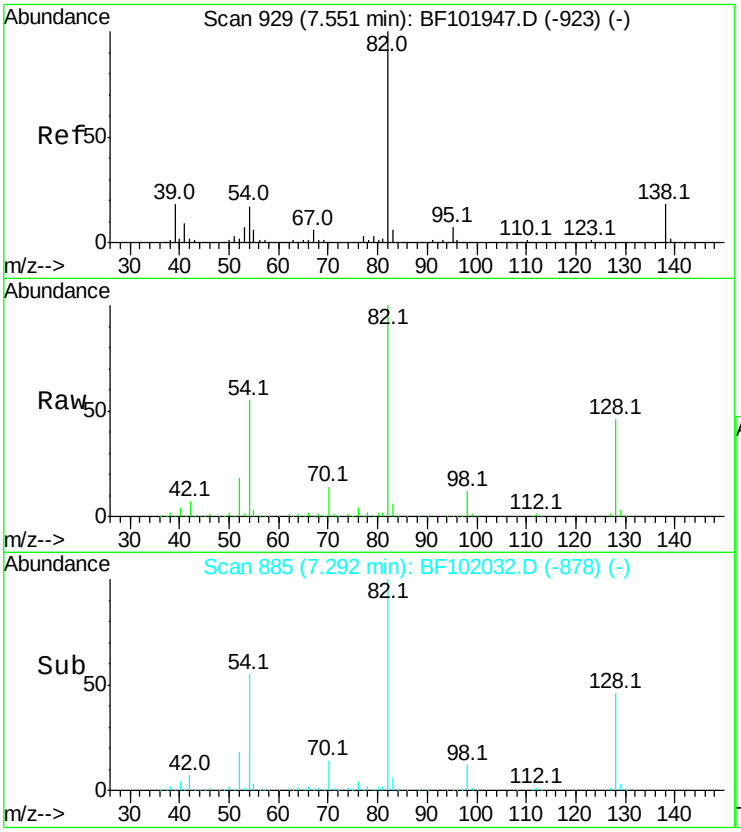


#23
Nitrobenzene-d5
Concen: 75.336 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion: 82 Resp: 1115657

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.6	41.4	62.2



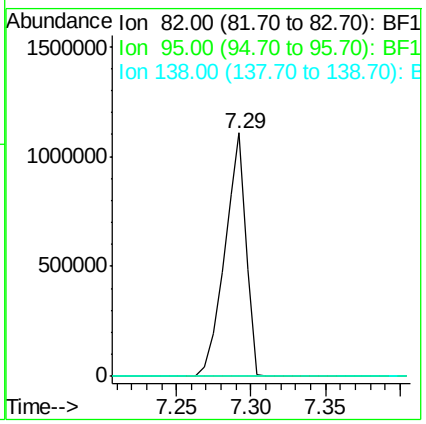


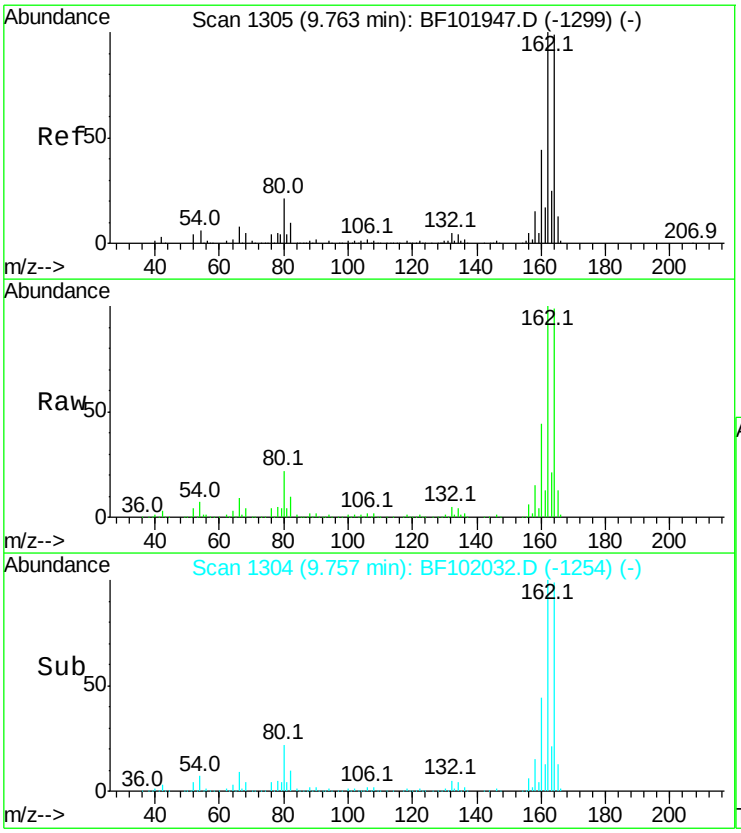
#25
Isophorone
Concen: 38.127 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion: 82 Resp: 1115637

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

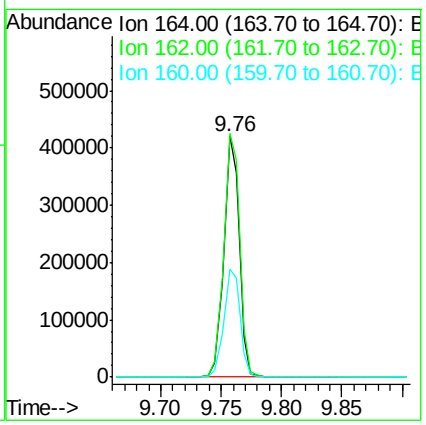


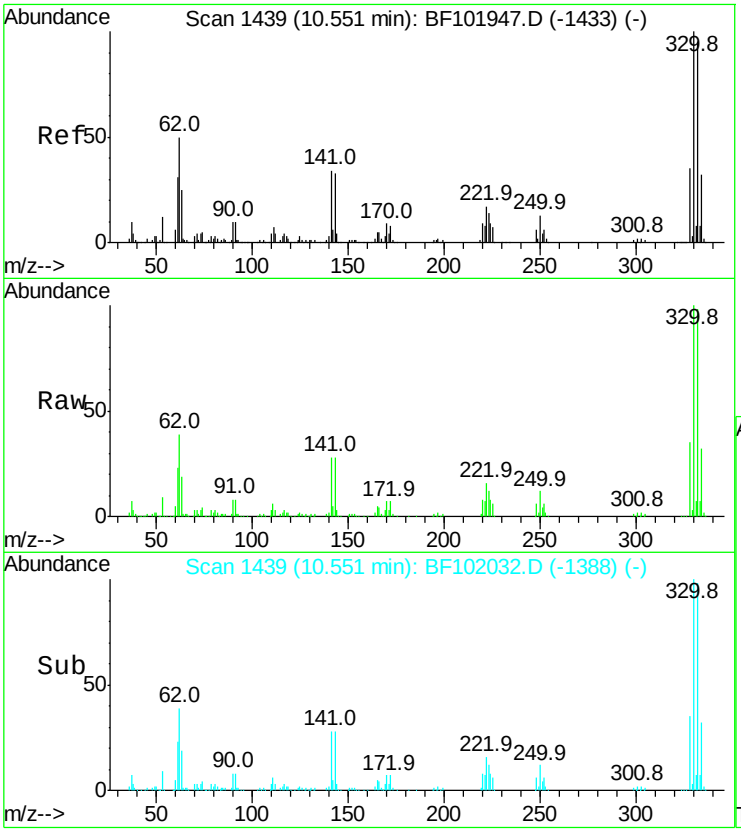


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion:164 Resp: 371812

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.0	38.3	57.5



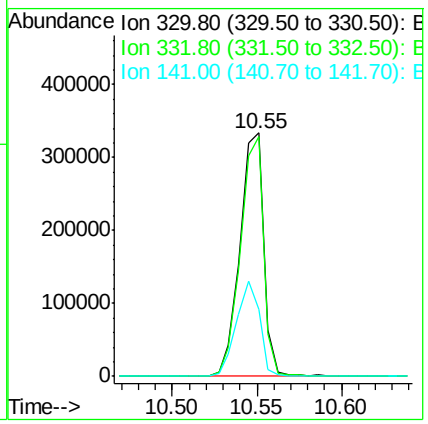


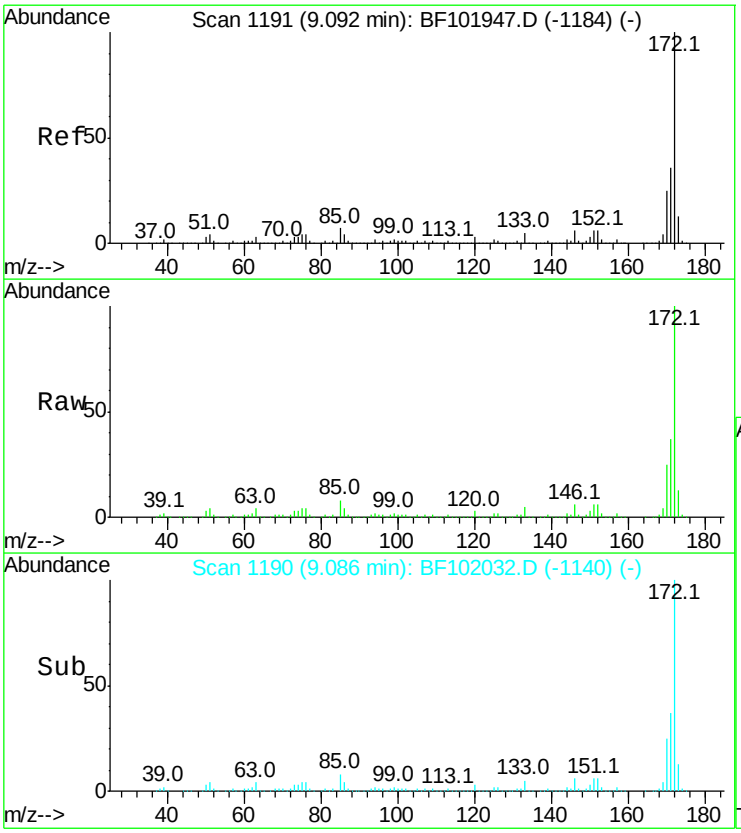
#41
2,4,6-Tribromophenol
Concen: 101.344 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:330 Resp: 328838

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.4	29.9	44.9

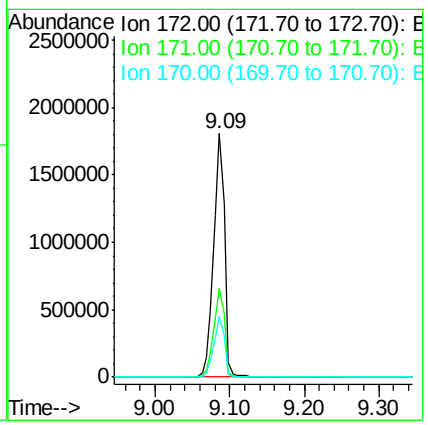


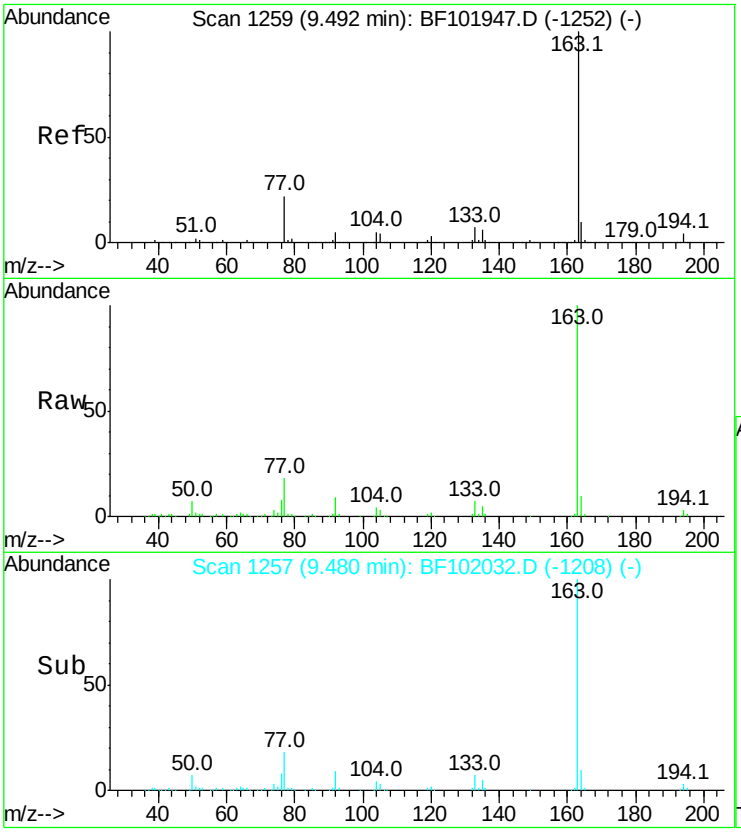


#44
2-Fluorobiphenyl
Concen: 76.940 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion:172 Resp: 1831128

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4



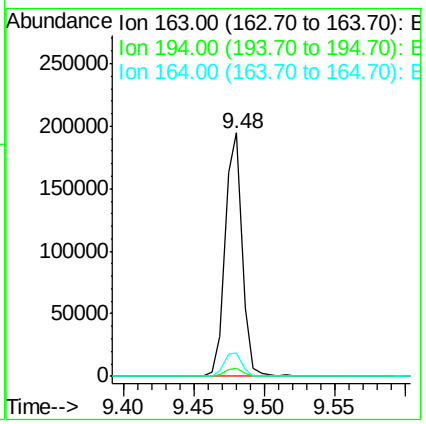


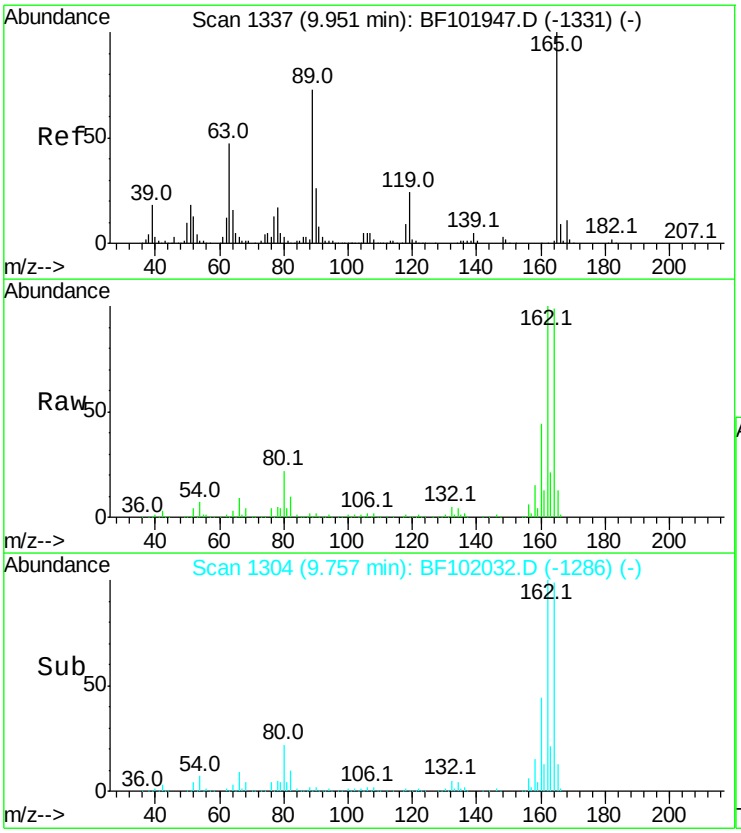
#49
Dimethylphthalate
Concen: 5.484 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:163 Resp: 163558

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2

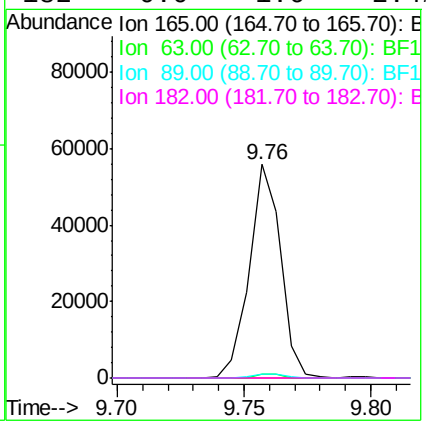


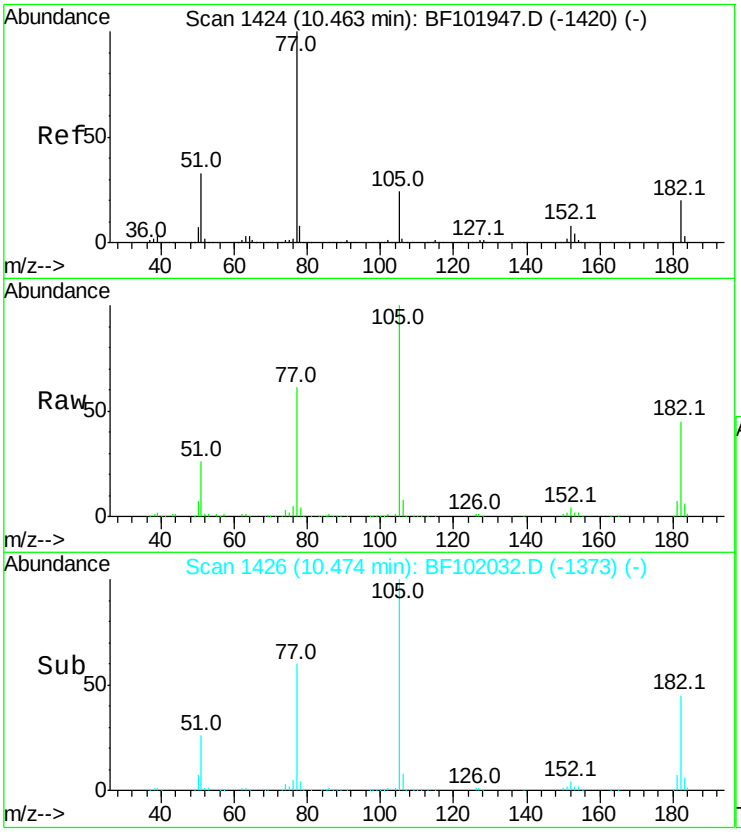


#56
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion:165 Resp: 48169

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



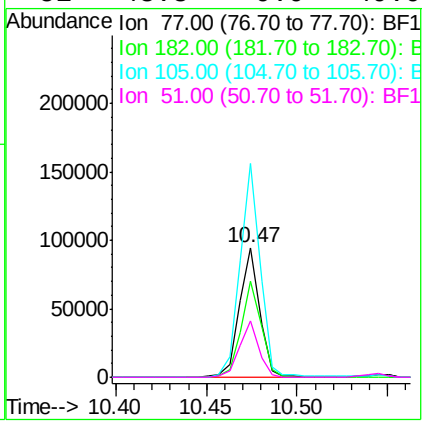


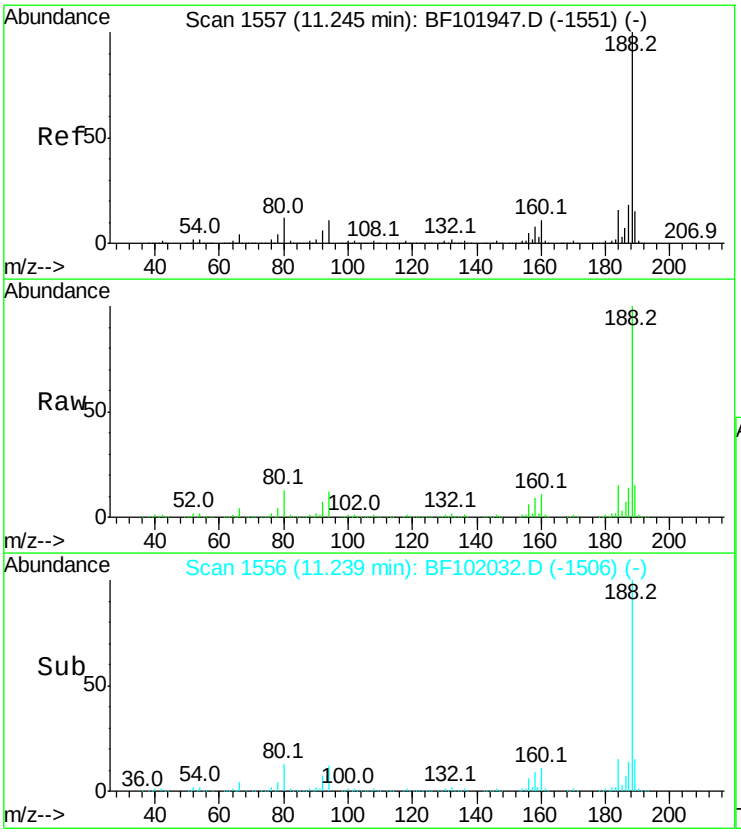
#62
Azobenzene
Concen: 2.485 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion: 77 Resp: 73341

Ion	Ratio	Lower	Upper
77	100		
182	74.7	1.7	41.7#
105	165.1	3.0	43.0#
51	43.3	9.9	49.9

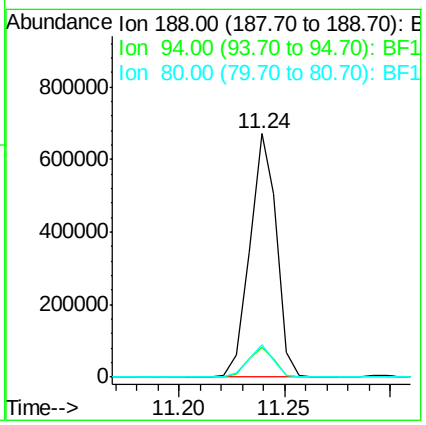


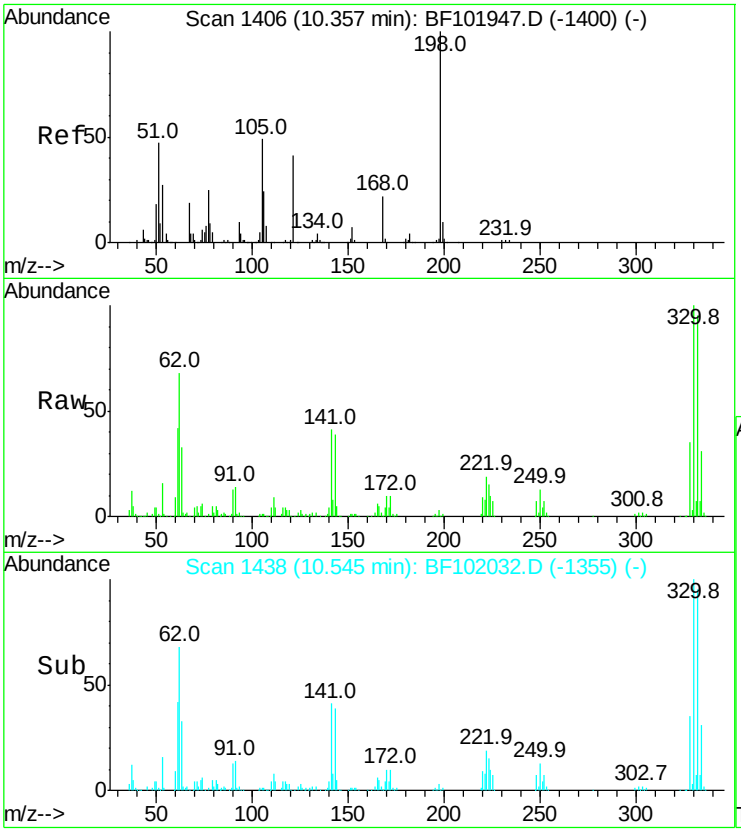


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion:188 Resp: 586829

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.2	9.2	13.8



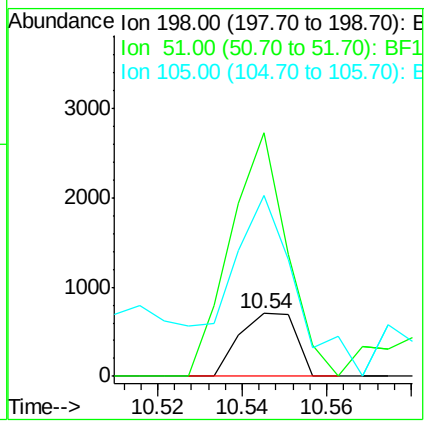


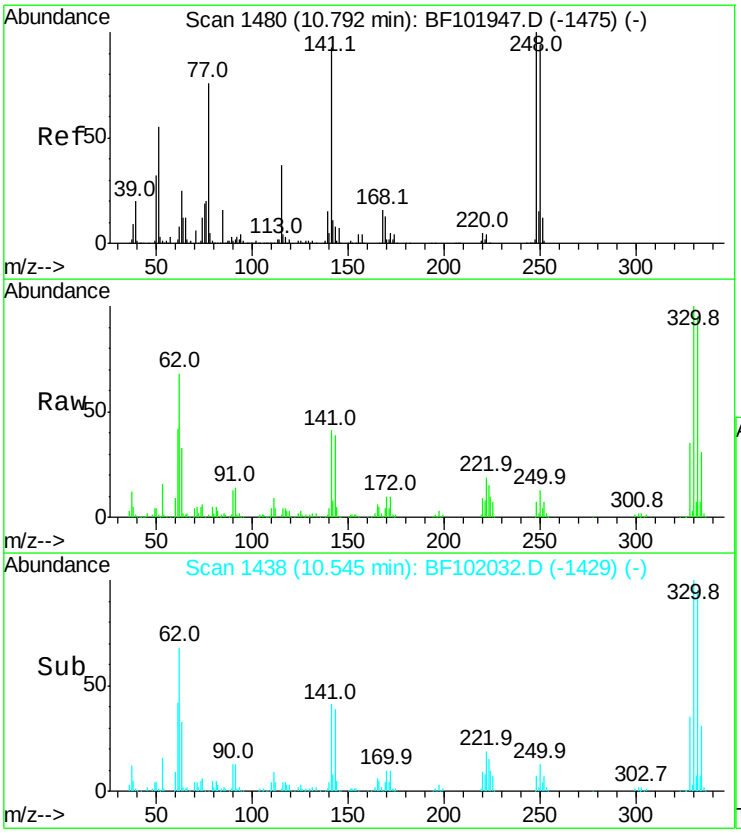
#64
4,6-Dinitro-2-methylphenol
Concen: 5.843 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:198 Resp: 655

Ion	Ratio	Lower	Upper
198	100		
51	386.0	37.7	77.7#
105	287.7	36.3	76.3#

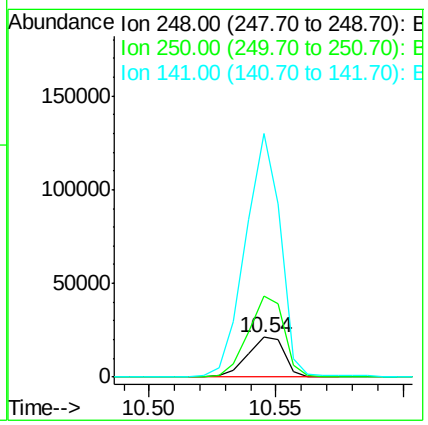


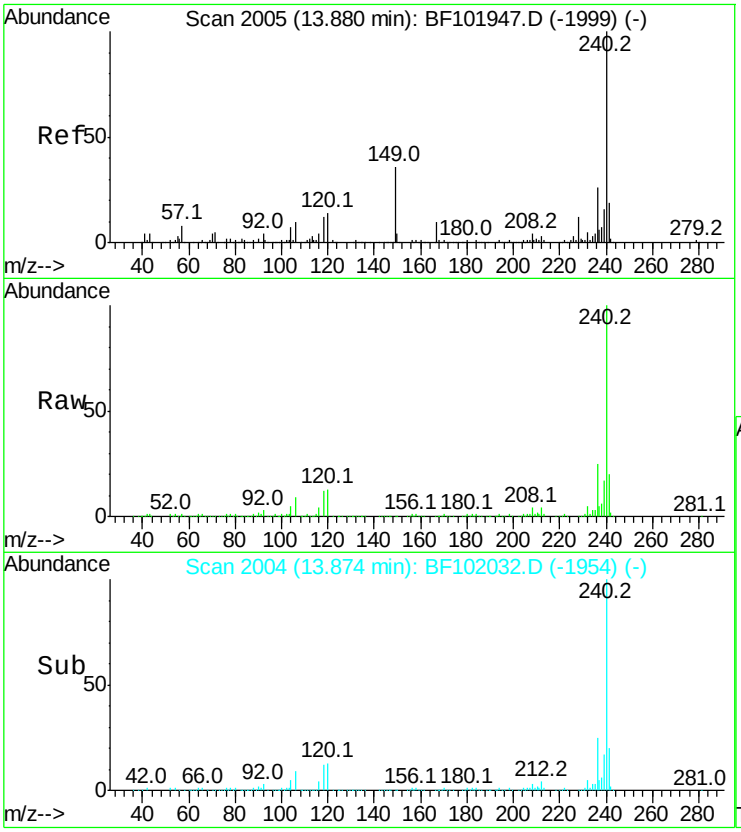


#66
4-Bromophenyl-phenylether
Concen: 3.499 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion:248 Resp: 21683

Ion	Ratio	Lower	Upper
248	100		
250	202.0	76.9	115.3#
141	610.0	74.4	111.6#



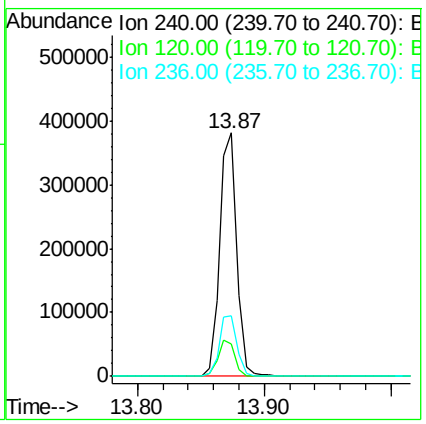


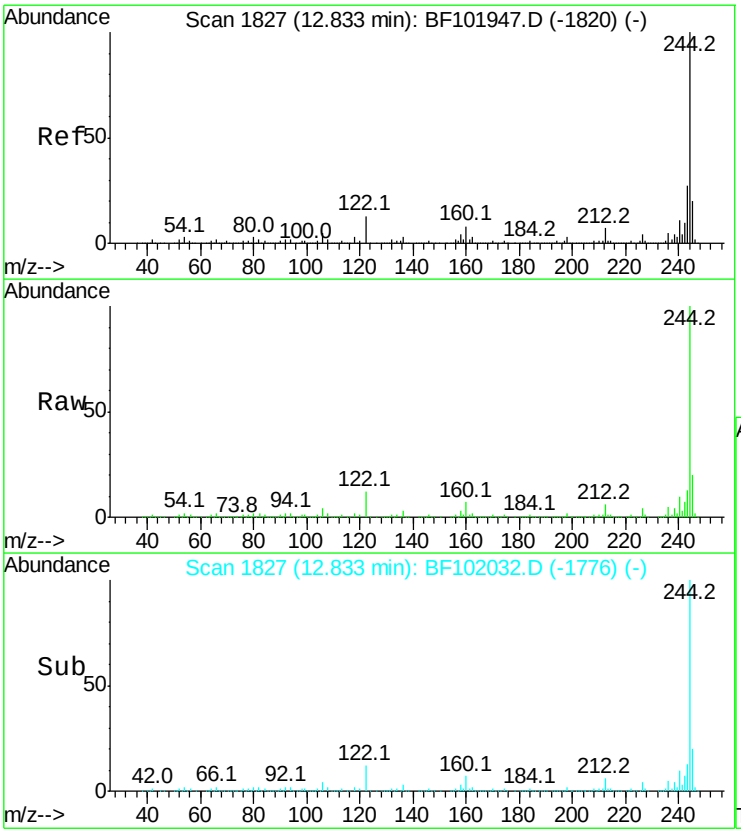
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:240 Resp: 358362

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	24.8	20.7	31.1

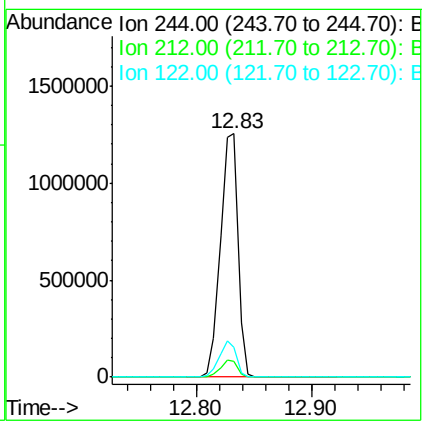


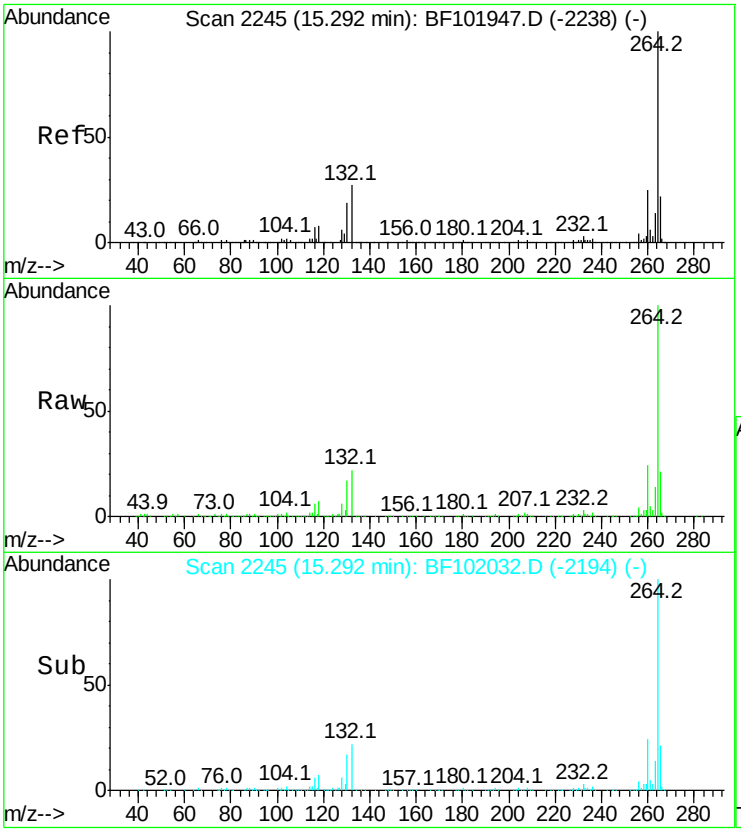


#78
Terphenyl-d14
Concen: 76.876 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Tgt Ion:244 Resp: 1326882

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: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102032.D
Acq: 11 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:264 Resp: 376024

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3