Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102719.D
Acq On : 3 Feb 2018 16:15
Operator : SJ/JU
Sample : J1413-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 05 01:24:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179132	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	744422	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	299670	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	416663	20.00	ng		0.00
75) Chrysene-d12	14.06	240	188935	20.00	ng		0.02
86) Perylene-d12	15.55	264	234905	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1400817	118.76	ng		0.00
7) Phenol-d6	6.50	99	1659739	116.86	ng		0.00
23) Nitrobenzene-d5	7.45	82	981412	91.46	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	298986	123.96	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1533937	84.94	ng		0.00
78) Terphenyl-d14	13.00	244	742246	93.02	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	31286	2.966	ng		83
10) Phenol	6.52	94	208475	13.697	ng		99
25) Isophorone	7.45	82	979775	39.651	ng	#	64
26) 2-Nitrophenol	7.69	139	134	8.687	ng	#	1
32) Benzoic acid	7.83	122	570	8.618	ng	#	70
47) 2-Nitroaniline	9.46	65	300	3.518	ng	#	25
49) Dimethylphthalate	9.63	163	150312	6.433	ng	#	98
53) 2,4-Dinitrophenol	10.17	184	377	8.407	ng	#	15
55) 4-Nitrophenol	10.02	139	1258	4.290	ng	#	1
56) 2,4-Dinitrotoluene	9.92	165	42112	9.686	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.49	198	673	9.151	ng	#	1
79) Butylbenzylphthalate	13.43	149	20267	3.824	ng	#	64

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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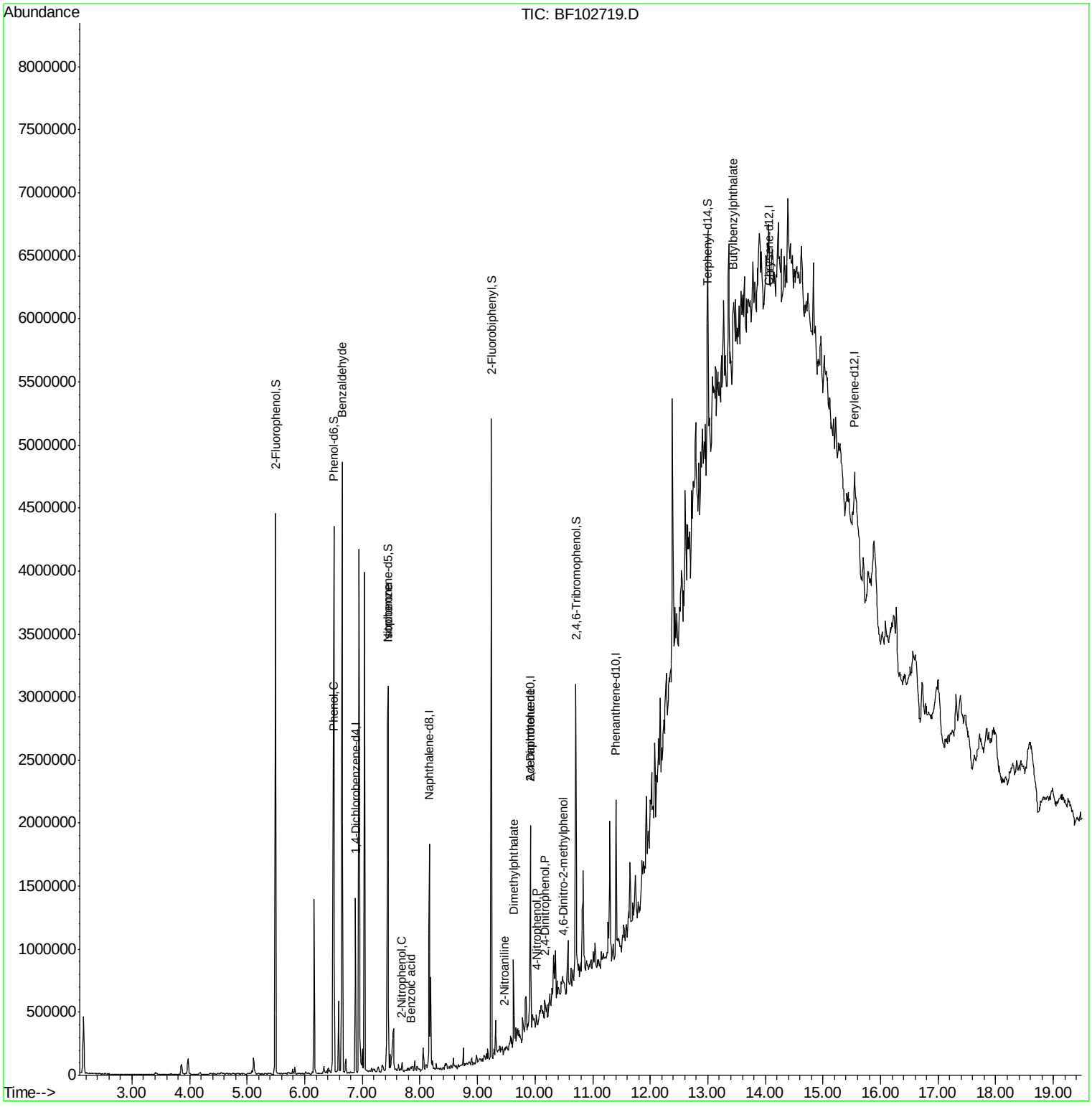
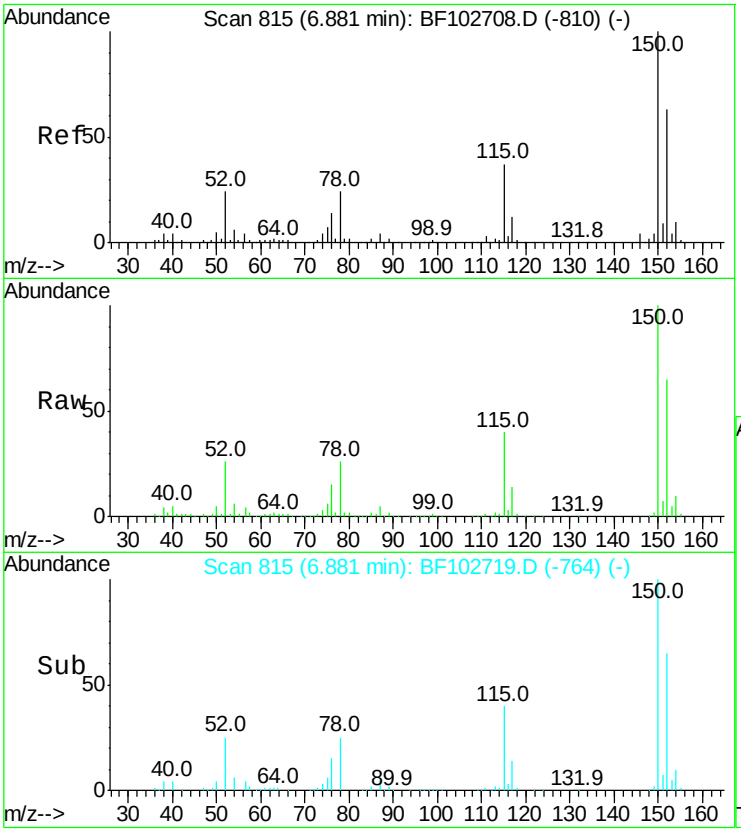
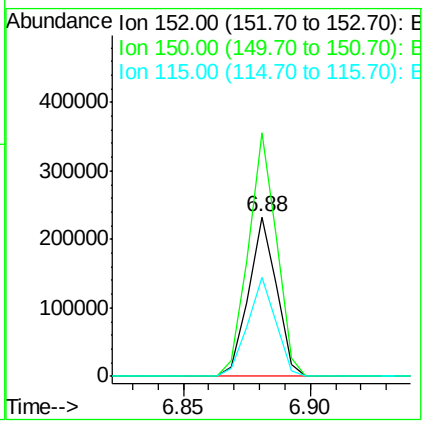




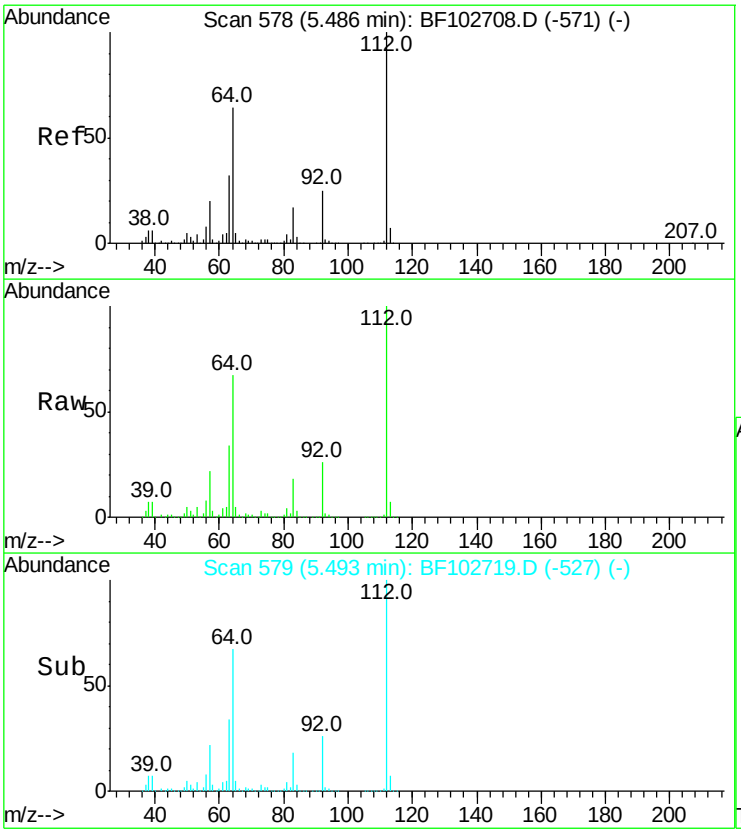
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:152 Resp: 179132

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	61.7	50.1	75.1



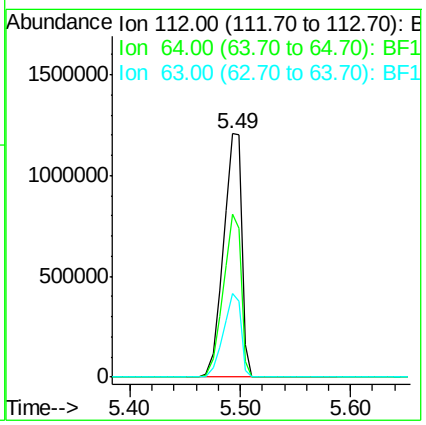
Instrument :
BNA_F
ClientSampleId :

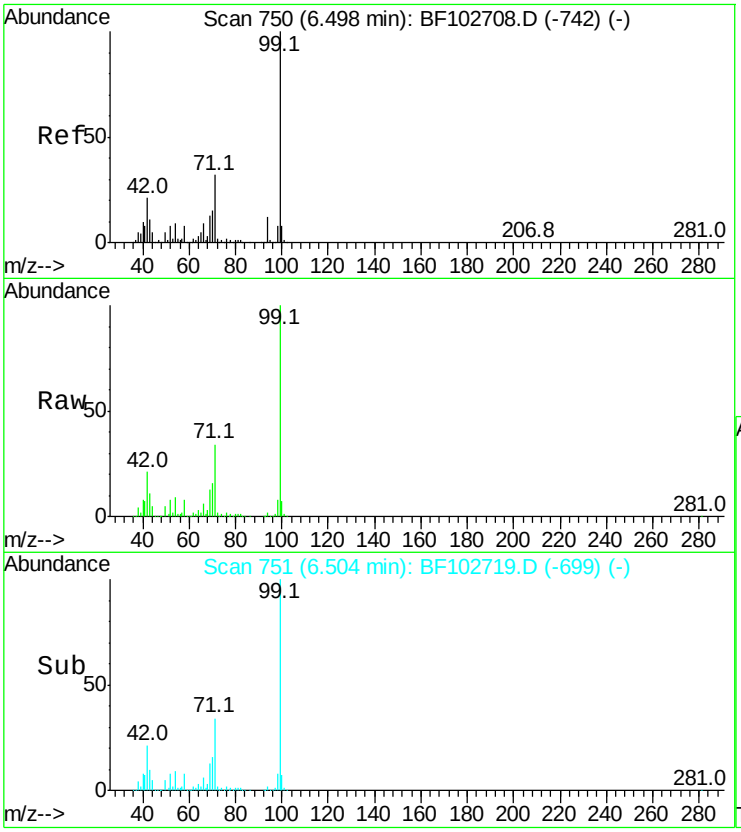


#5
2-Fluorophenol
Concen: 118.760 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:112 Resp: 1400817

Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	34.1	23.7	35.5



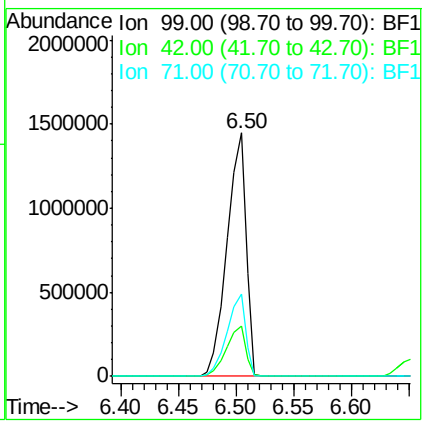


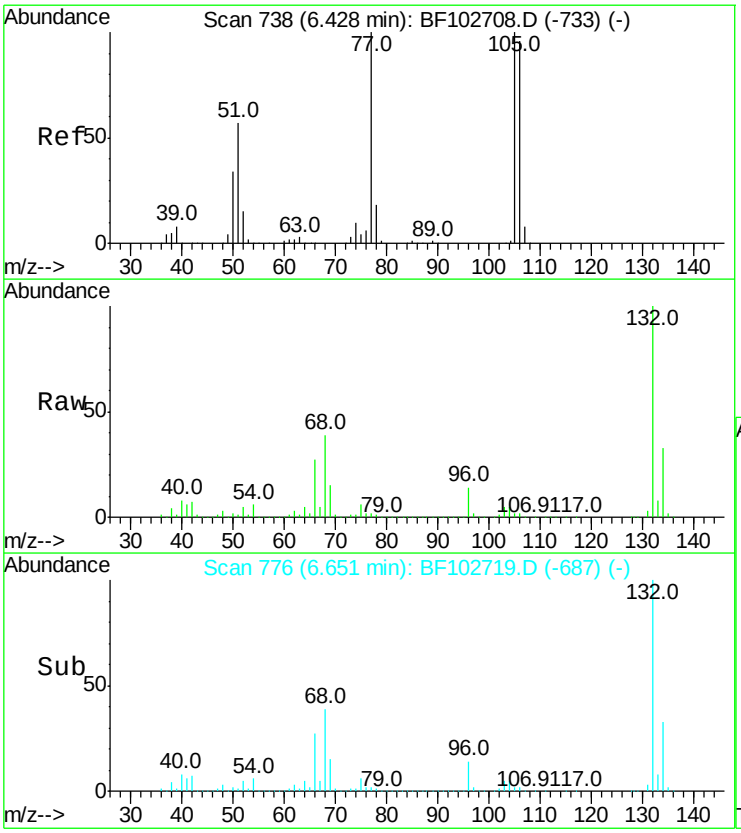
#7
Phenol-d6
Concen: 116.863 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1659739

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	33.9	25.4	38.0

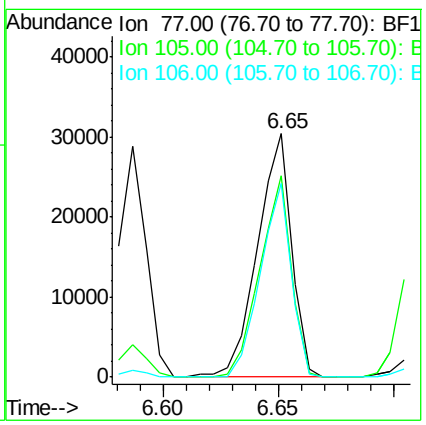


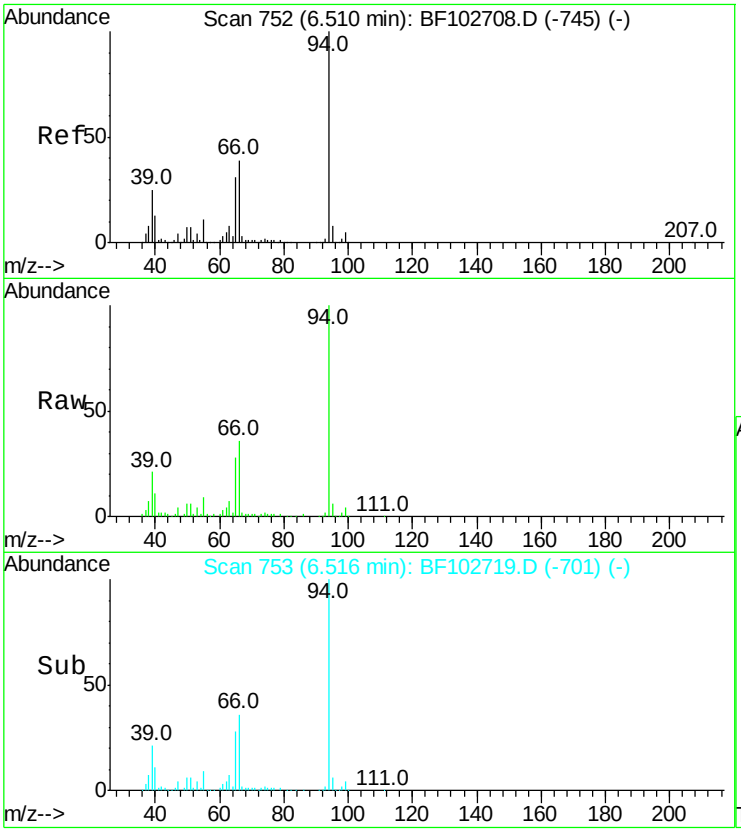


#9
Benzaldehyde
Concen: 2.966 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion: 77 Resp: 31286

Ion	Ratio	Lower	Upper
77	100		
105	82.6	81.1	121.1
106	79.4	74.5	114.5



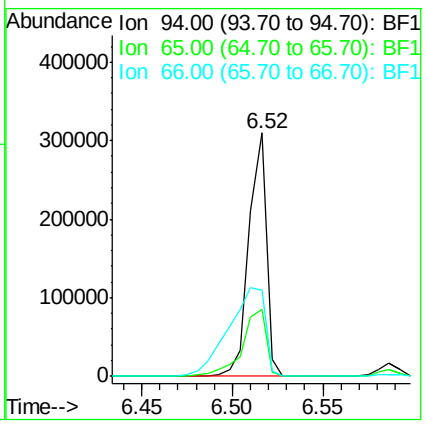


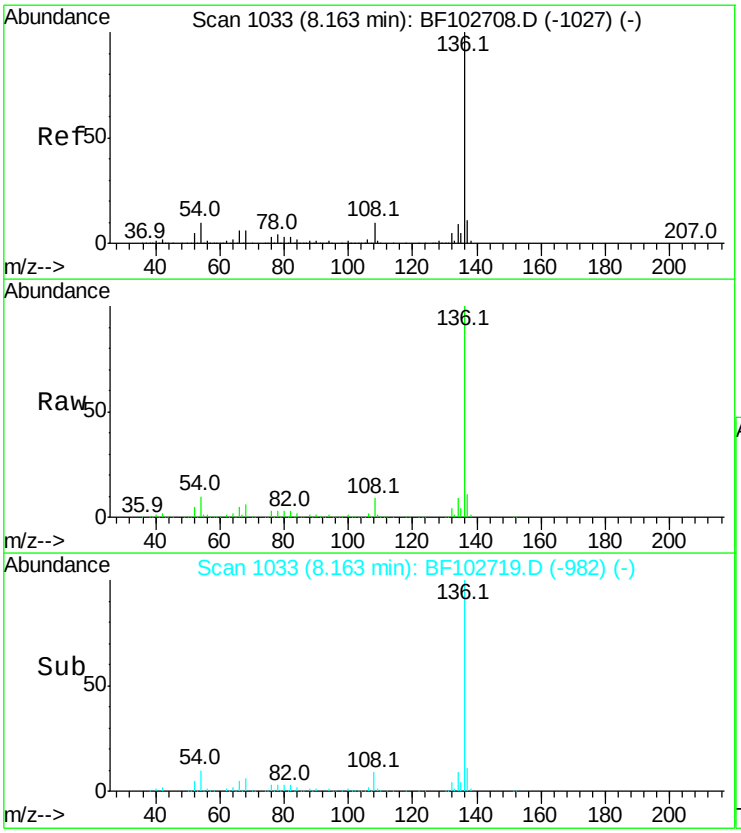
#10
Phenol
Concen: 13.697 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 208475

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	35.6	16.2	56.2

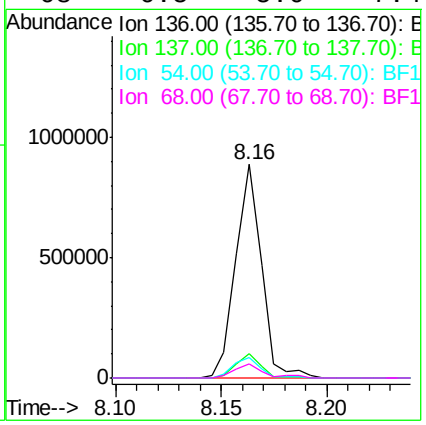


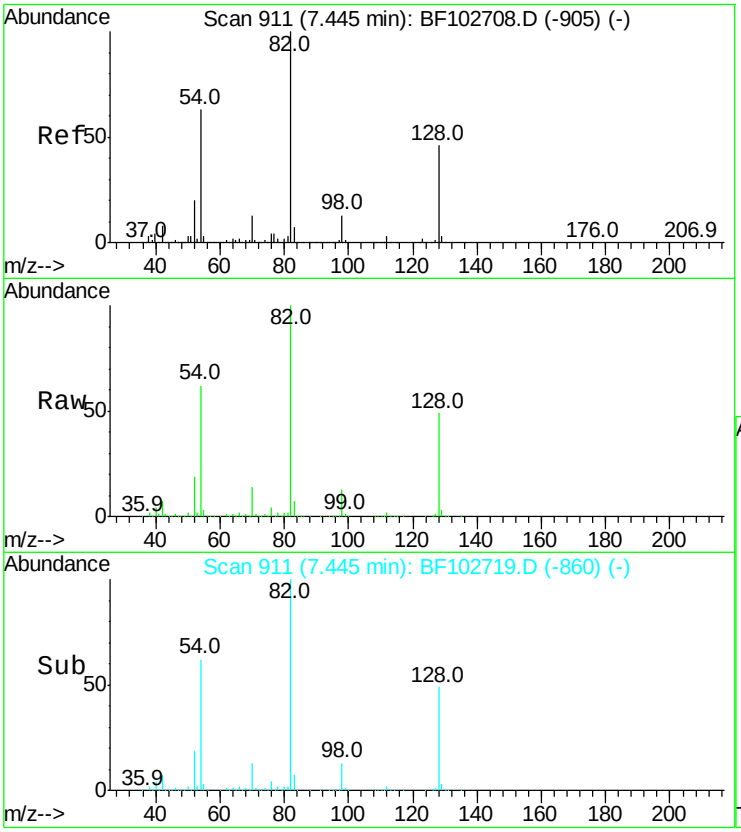


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:136 Resp: 744422

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.8	6.6	9.8
68	6.5	5.0	7.4



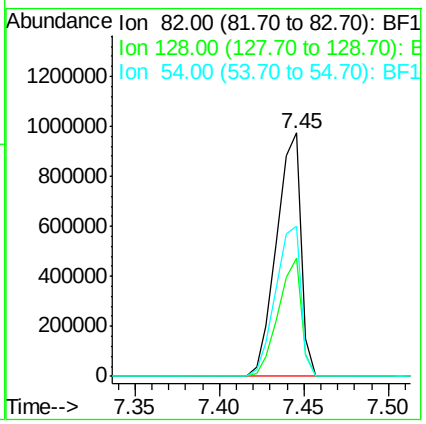


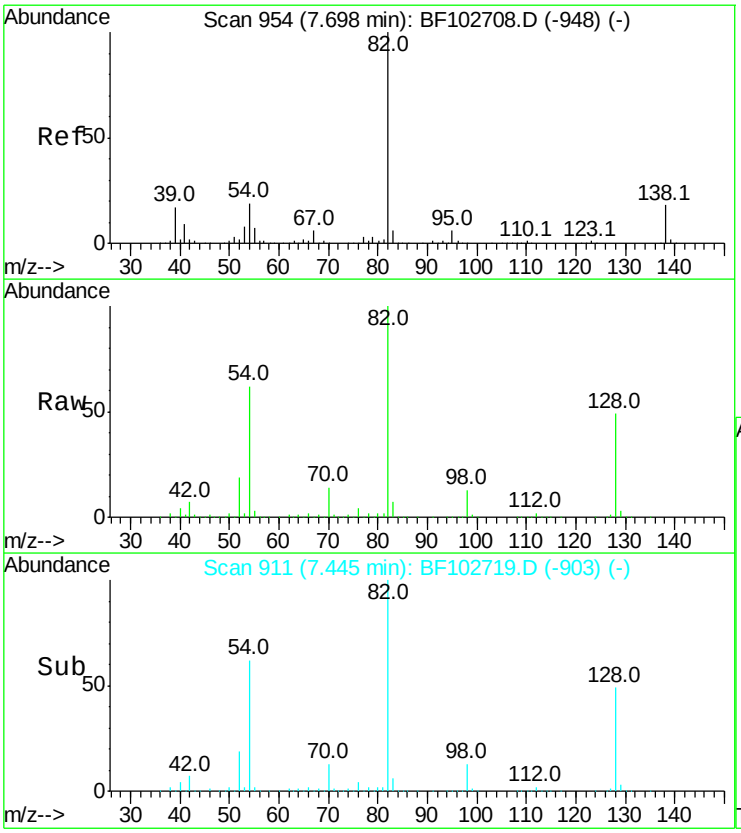
#23
Nitrobenzene-d5
Concen: 91.455 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 981412

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	61.5	41.4	62.2

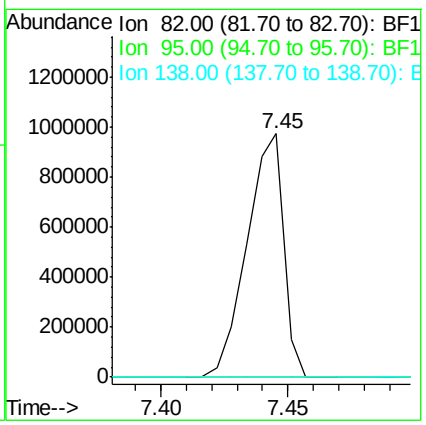


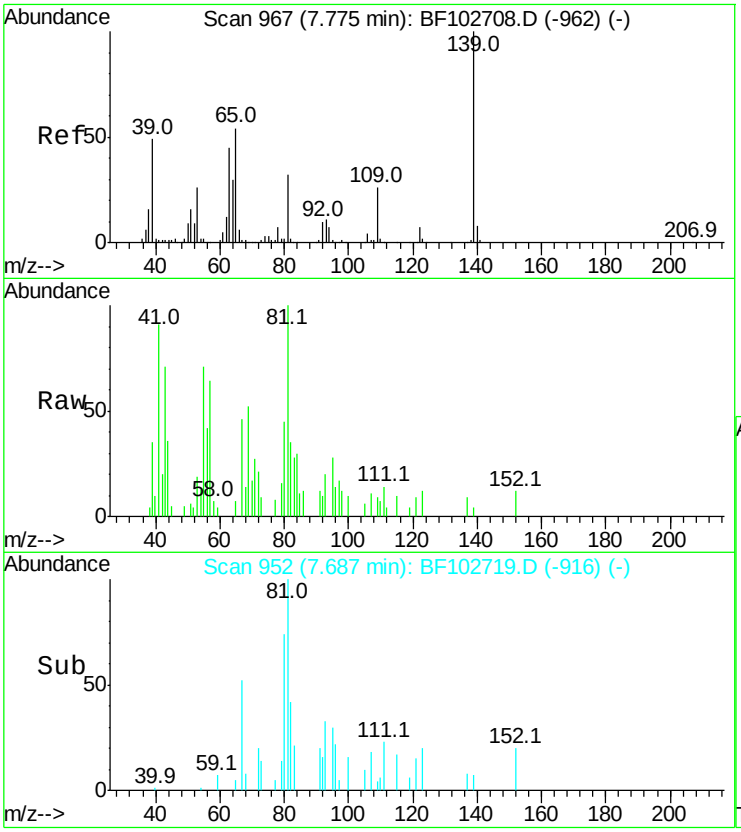


#25
Isophorone
Concen: 39.651 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion: 82 Resp: 979775

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



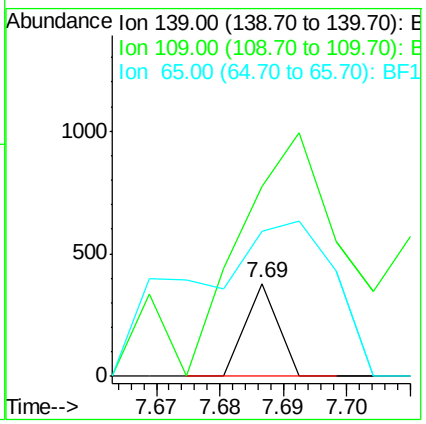


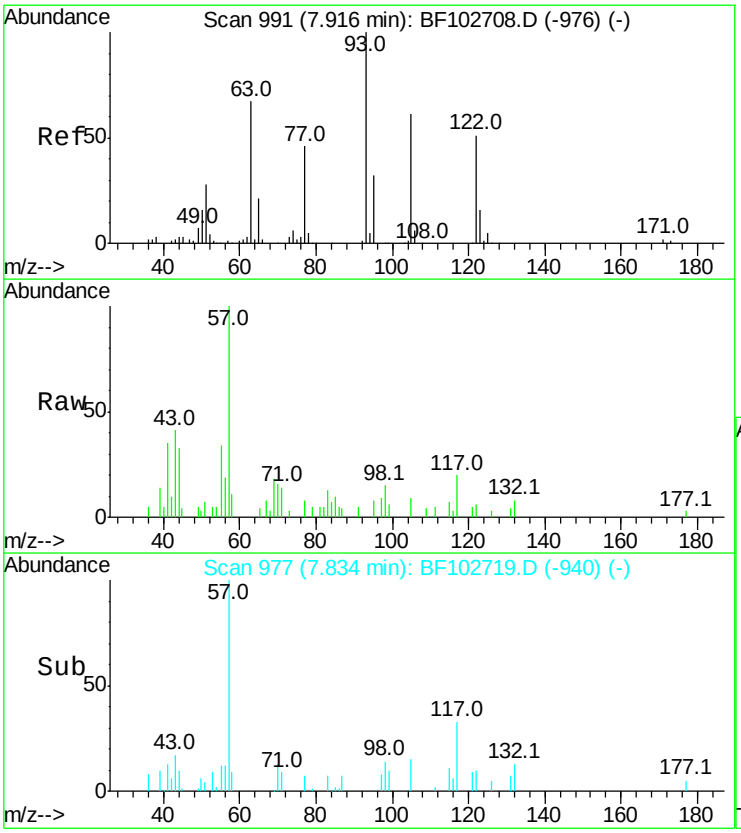
#26
2-Nitrophenol
Concen: 8.687 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.09 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 134

Ion	Ratio	Lower	Upper
139	100		
109	204.7	22.7	34.1#
65	155.9	40.5	60.7#

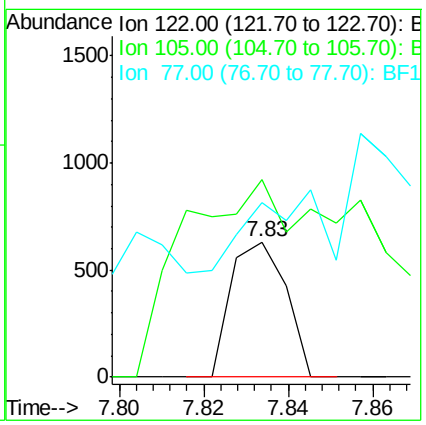


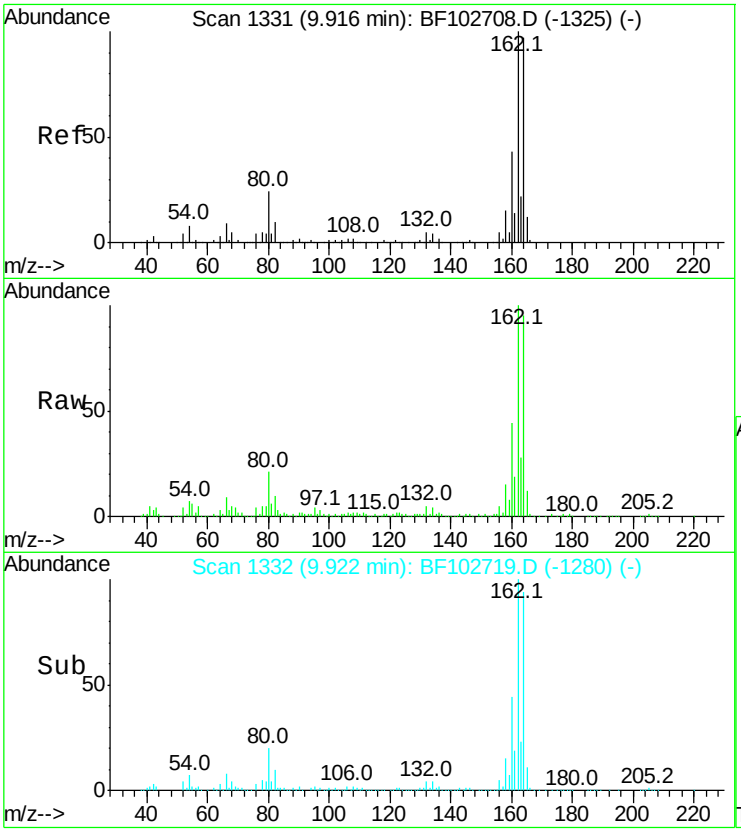


#32
Benzoic acid
Concen: 8.618 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.08 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:122 Resp: 570

Ion	Ratio	Lower	Upper
122	100		
105	146.4	101.1	141.1#
77	129.3	70.7	110.7#



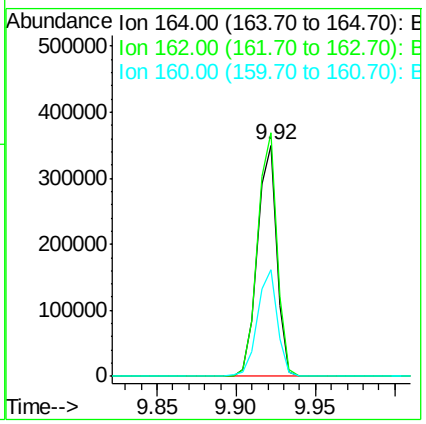


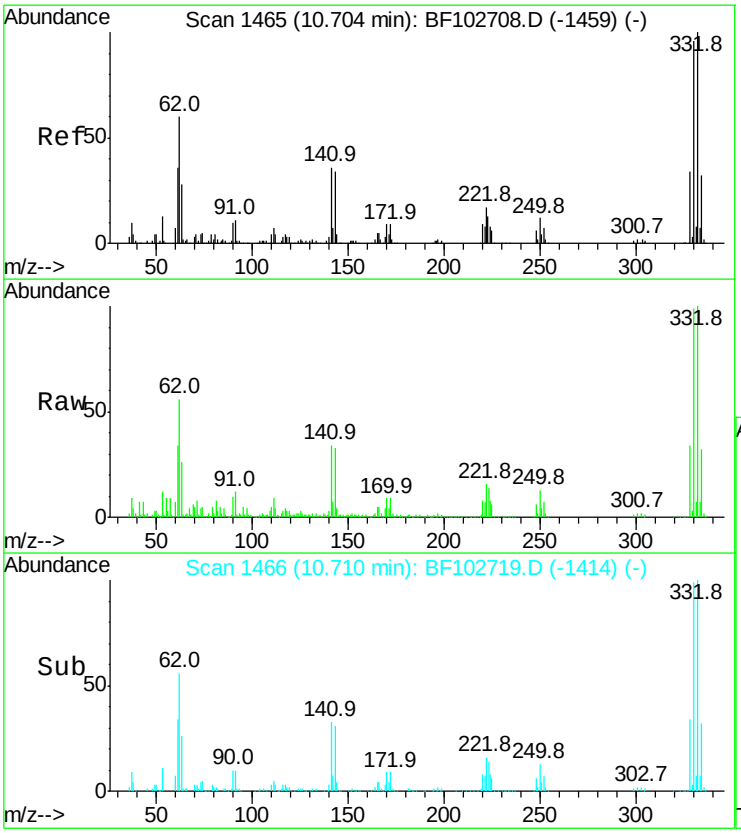
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 299670

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.0	38.3	57.5

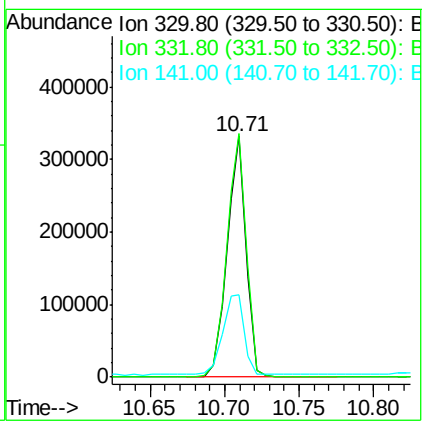


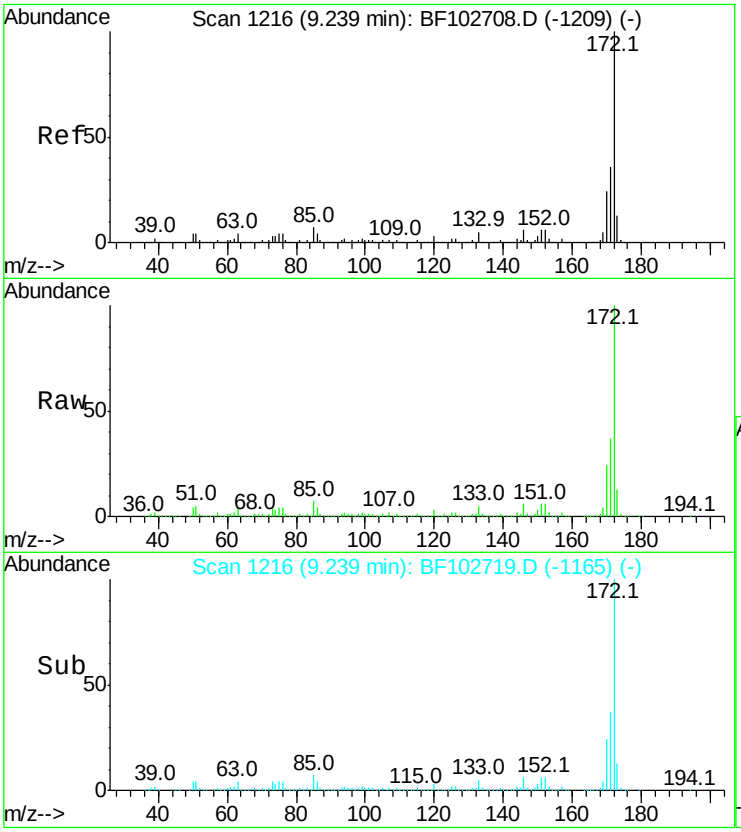


#41
2,4,6-Tribromophenol
Concen: 123.958 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:330 Resp: 298986

Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	37.0	29.9	44.9



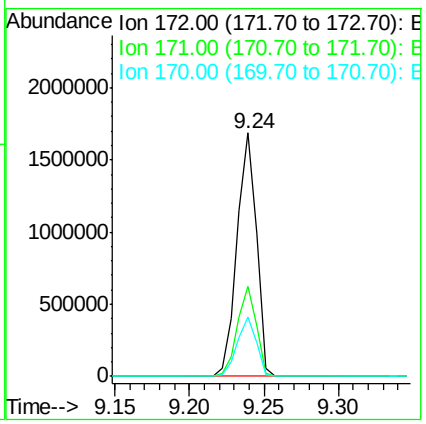


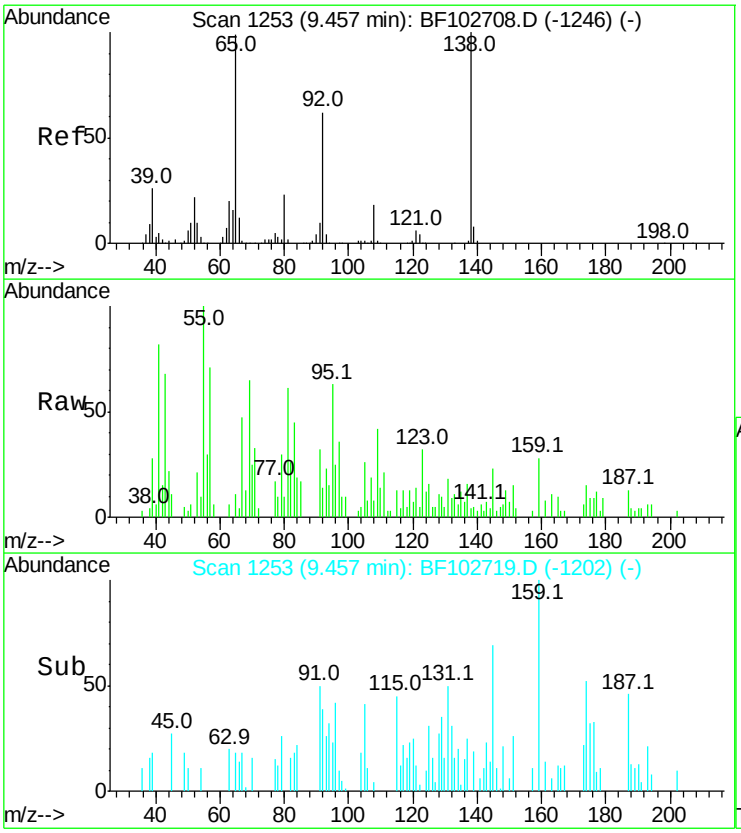
#44
2-Fluorobiphenyl
Concen: 84.938 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1533937

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.5	19.6	29.4

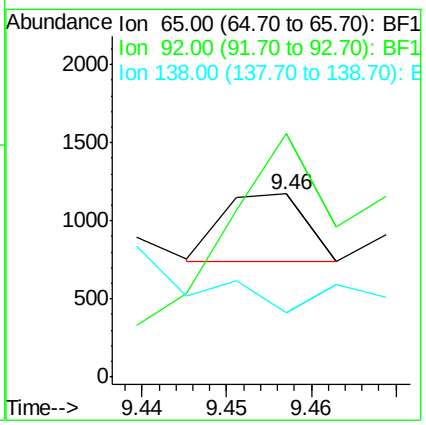


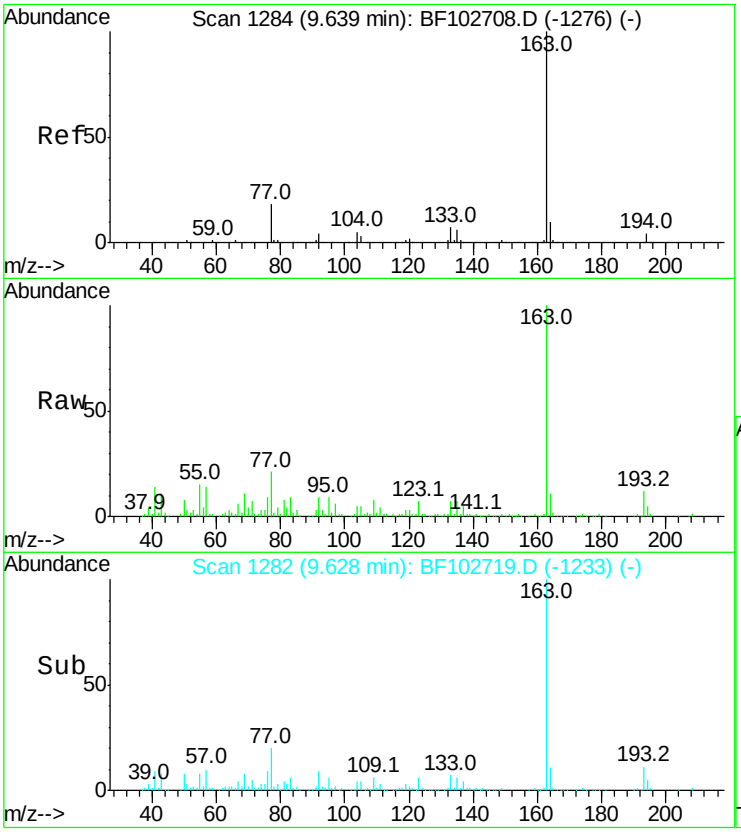


#47
2-Nitroaniline
Concen: 3.518 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion: 65 Resp: 300

Ion	Ratio	Lower	Upper
65	100		
92	133.2	55.8	83.6#
138	35.5	91.2	136.8#



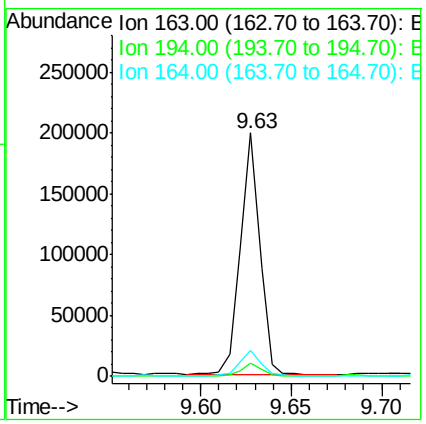


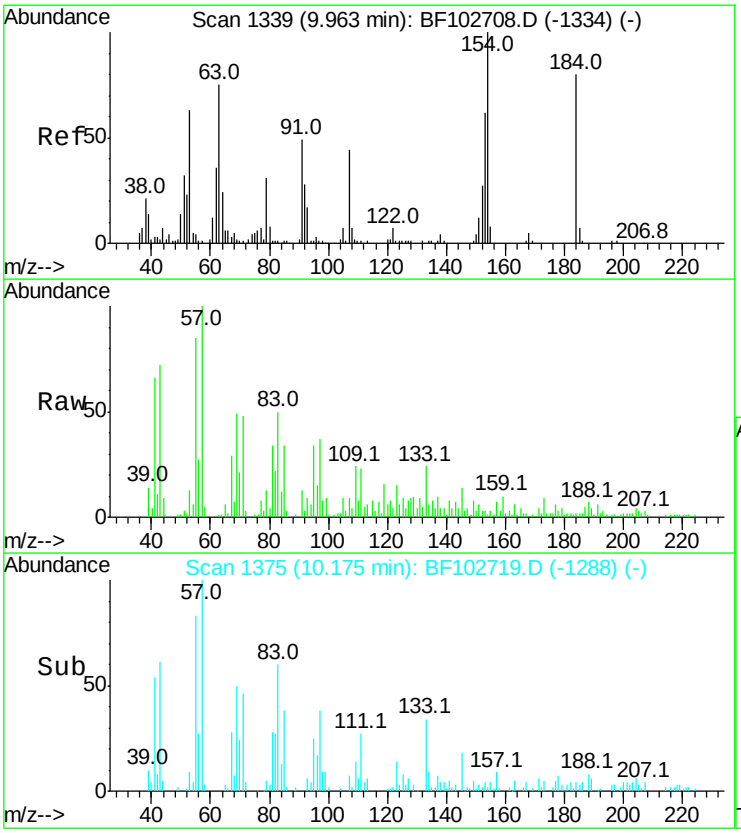
#49
Dimethylphthalate
Concen: 6.433 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 150312

Ion	Ratio	Lower	Upper
163	100		
194	5.3	2.7	4.1#
164	10.6	8.2	12.2

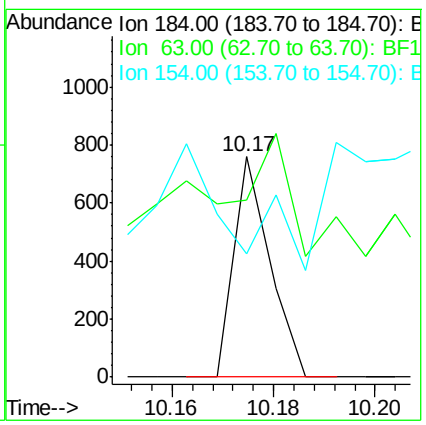


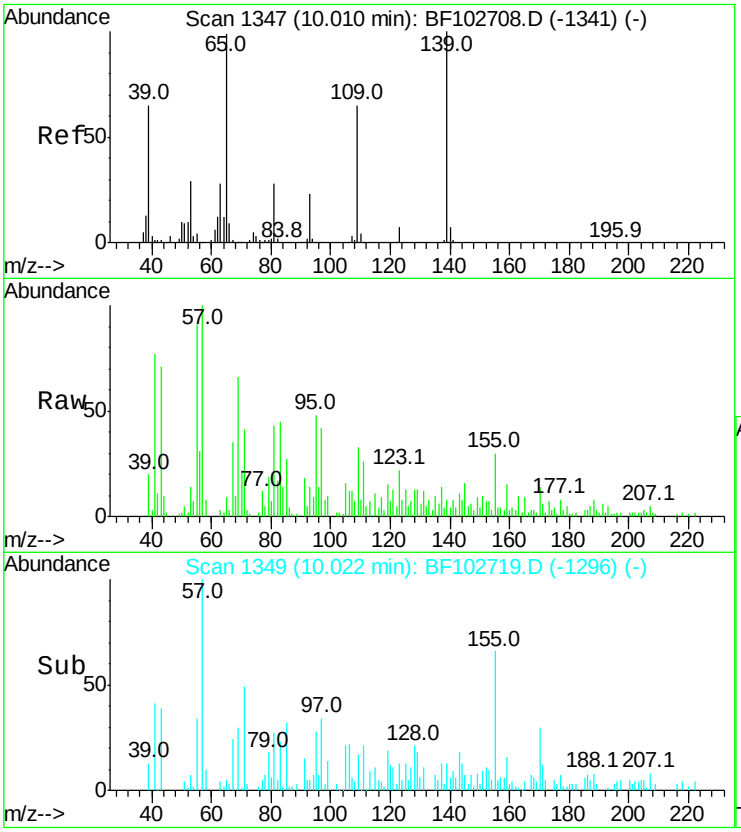


#53
2,4-Dinitrophenol
Concen: 8.407 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.21 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:184 Resp: 377

Ion	Ratio	Lower	Upper
184	100		
63	80.5	54.2	81.2
154	55.9	184.0	276.0#



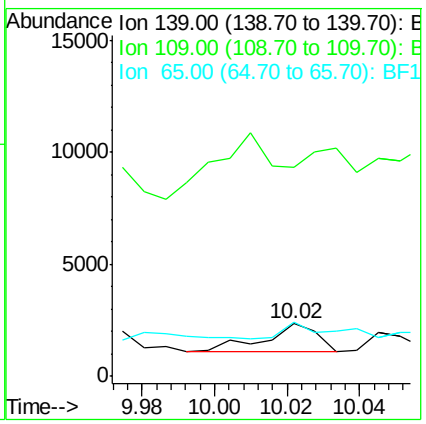


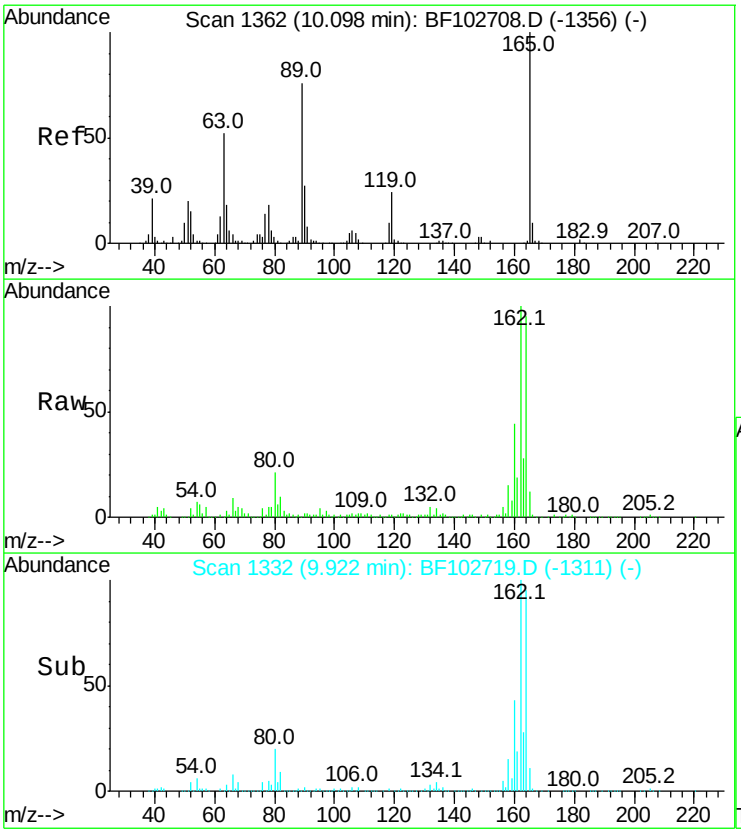
#55
4-Nitrophenol
Concen: 4.290 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1258

Ion	Ratio	Lower	Upper
139	100		
109	399.9	48.4	88.4#
65	104.8	72.6	112.6

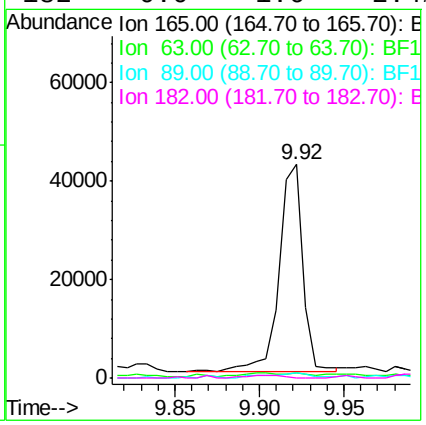


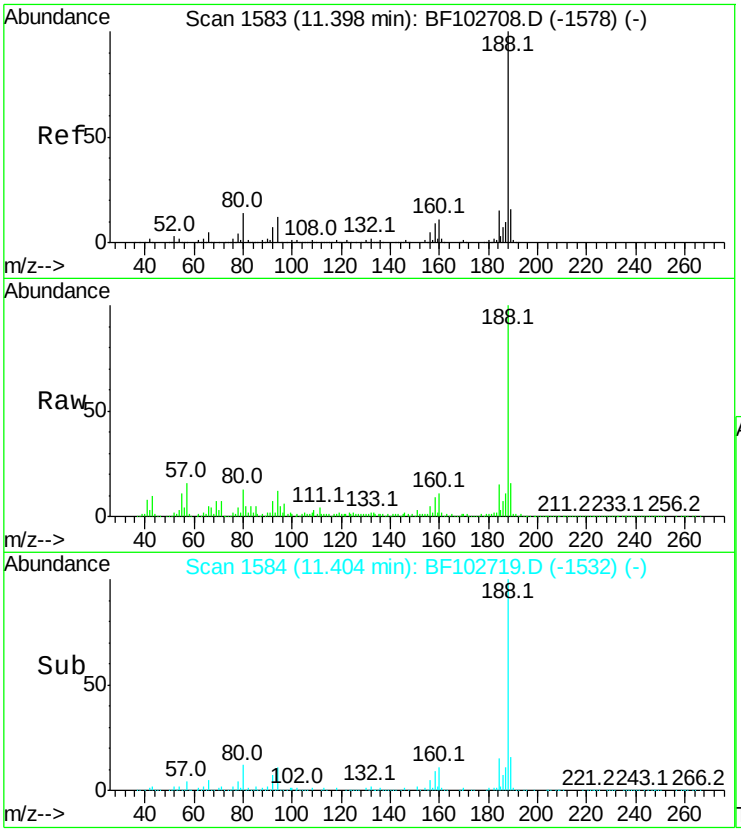


#56
2,4-Dinitrotoluene
Concen: 9.686 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:165 Resp: 42112

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



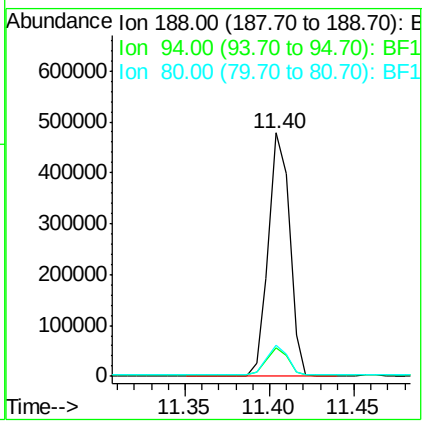


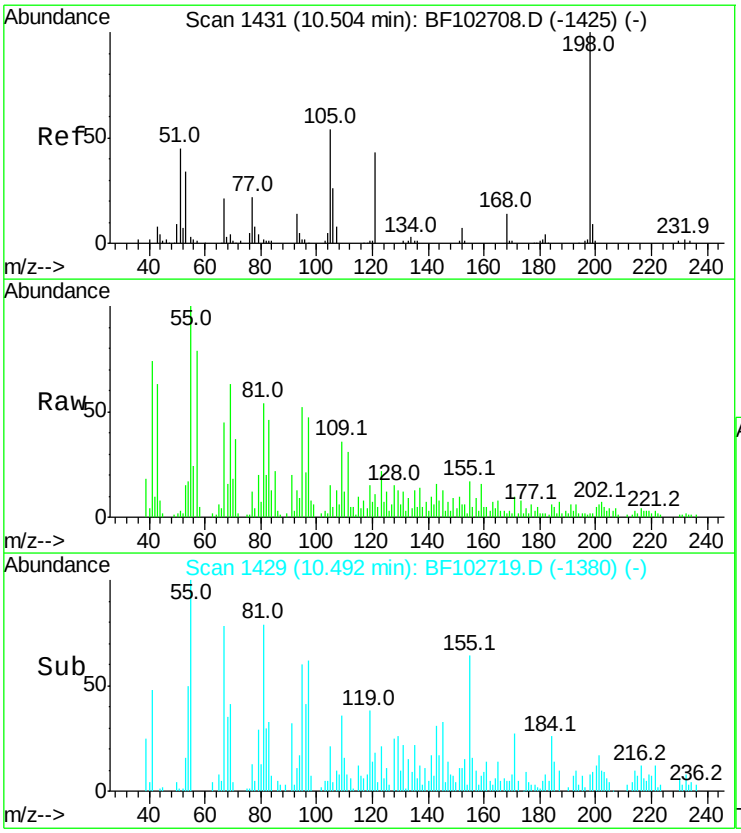
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 416663

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	13.0	9.2	13.8

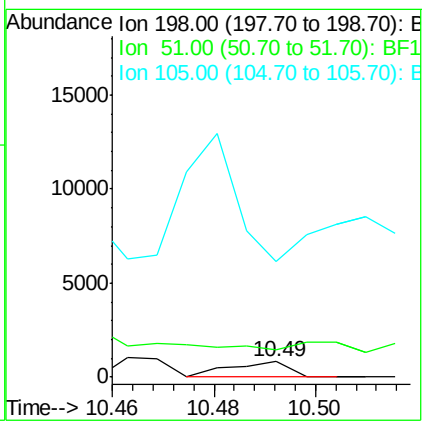


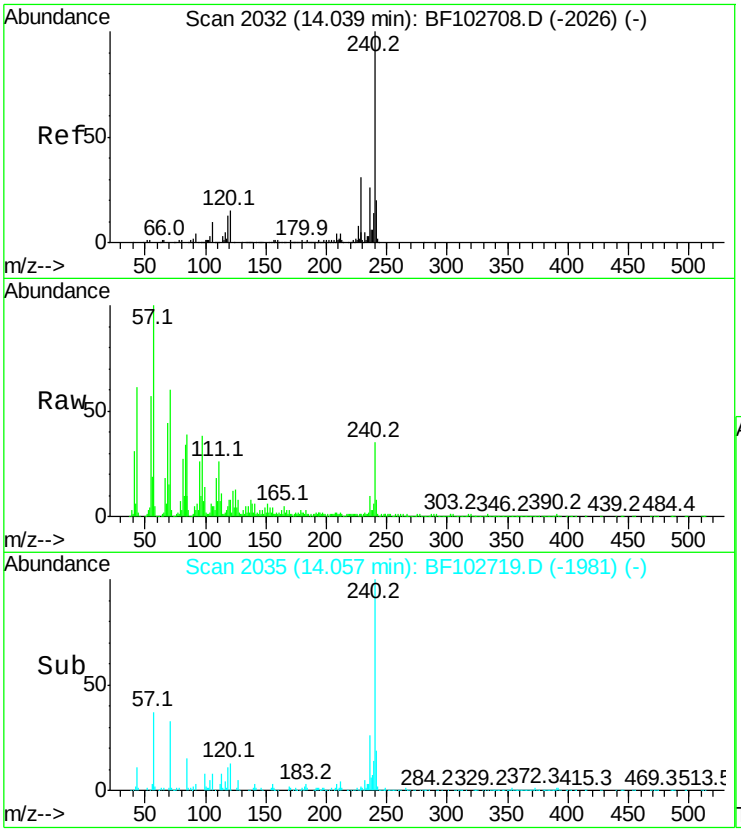


#64
4,6-Dinitro-2-methylphenol
Concen: 9.151 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:198 Resp: 673

Ion	Ratio	Lower	Upper
198	100		
51	176.0	37.7	77.7#
105	753.0	36.3	76.3#



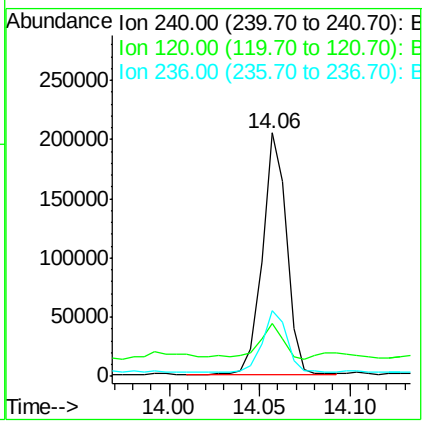


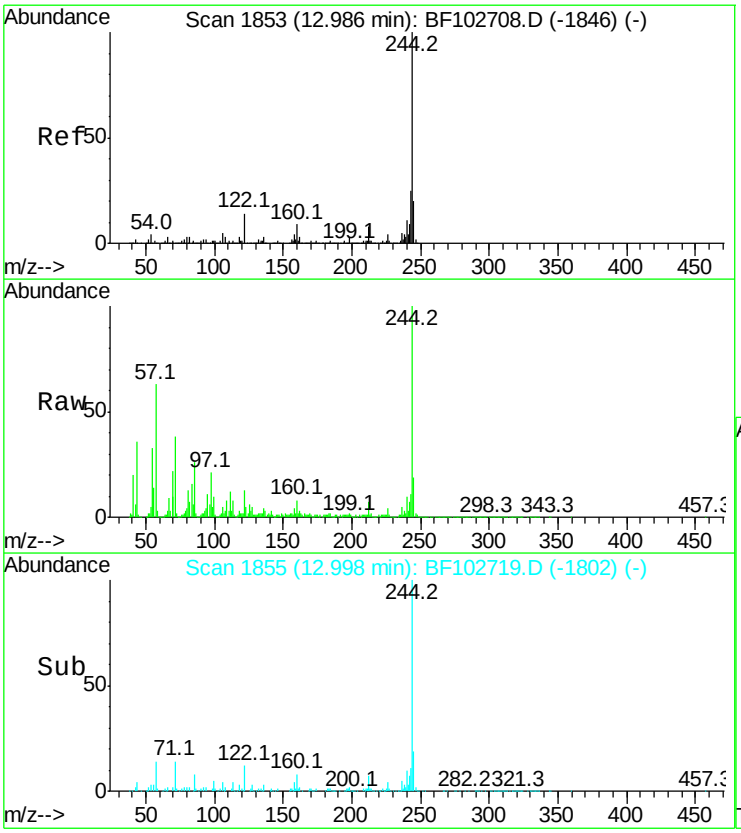
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 188935

Ion	Ratio	Lower	Upper
240	100		
120	21.6	9.5	14.3#
236	27.2	20.7	31.1

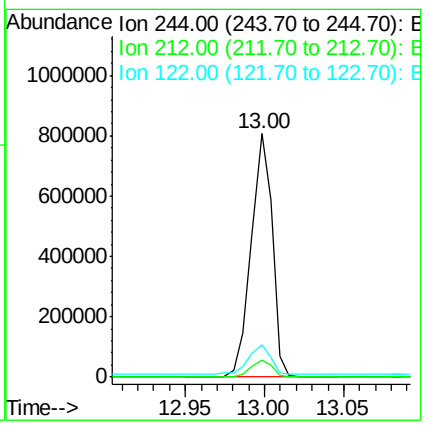


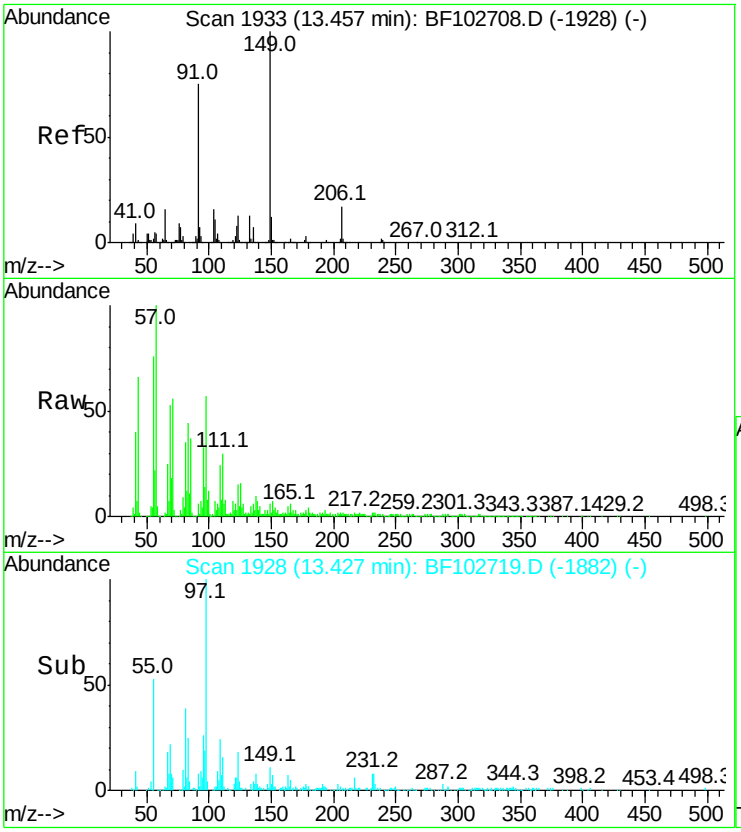


#78
Terphenyl-d14
Concen: 93.020 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:244 Resp: 742246

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4



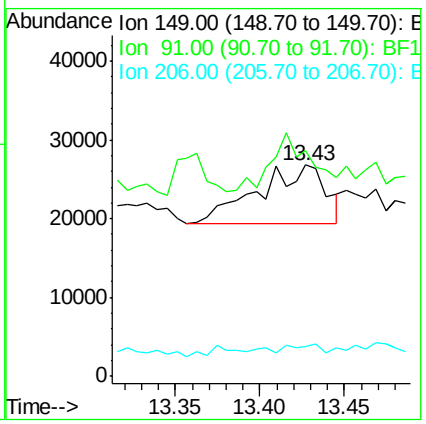


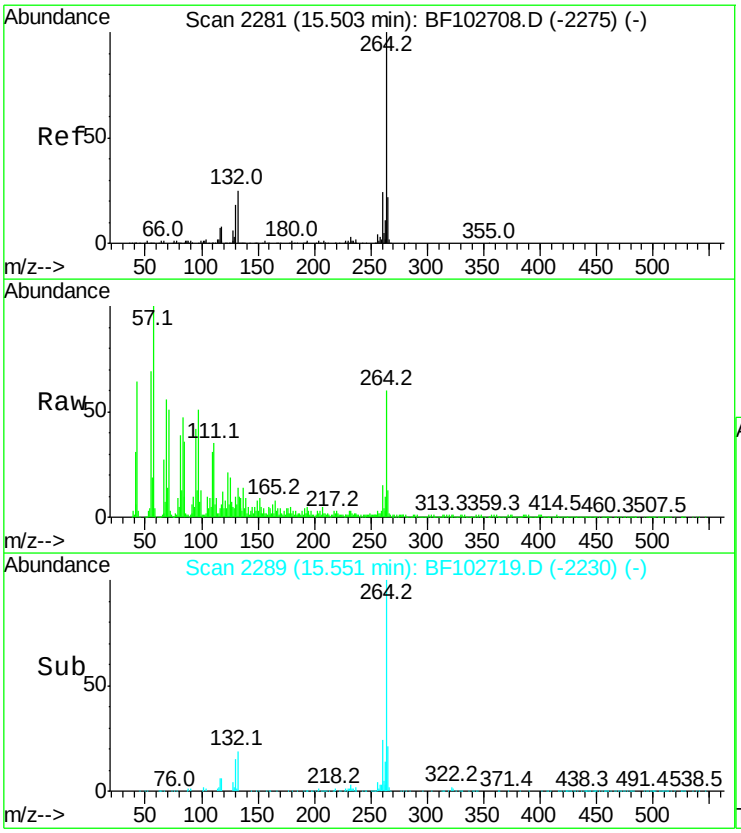
#79
Butylbenzylphthalate
Concen: 3.824 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.03 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 20267

Ion	Ratio	Lower	Upper
149	100		
91	106.5	56.8	85.2#
206	13.9	14.1	21.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.05 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:264 Resp: 234905

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3