Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Time: Feb 14 01:26:58 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	6.87	152	151811	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	644218	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	283334	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	417220	20.00	ng	0.00
75) Chrysene-d12	14.03	240	295493	20.00	ng	0.00
86) Perylene-d12	15.51	264	282172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1007340	100.77	ng	0.00
7) Phenol-d6	6.50	99	1216304	101.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	771562	83.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	217899	95.55	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1124709	65.87	ng	-0.01
78) Terphenyl-d14	12.98	244	733409	58.77	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.51	94	26820	2.079	ng	# 63
49) Dimethylphthalate	9.62	163	161975	7.332	ng	99

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

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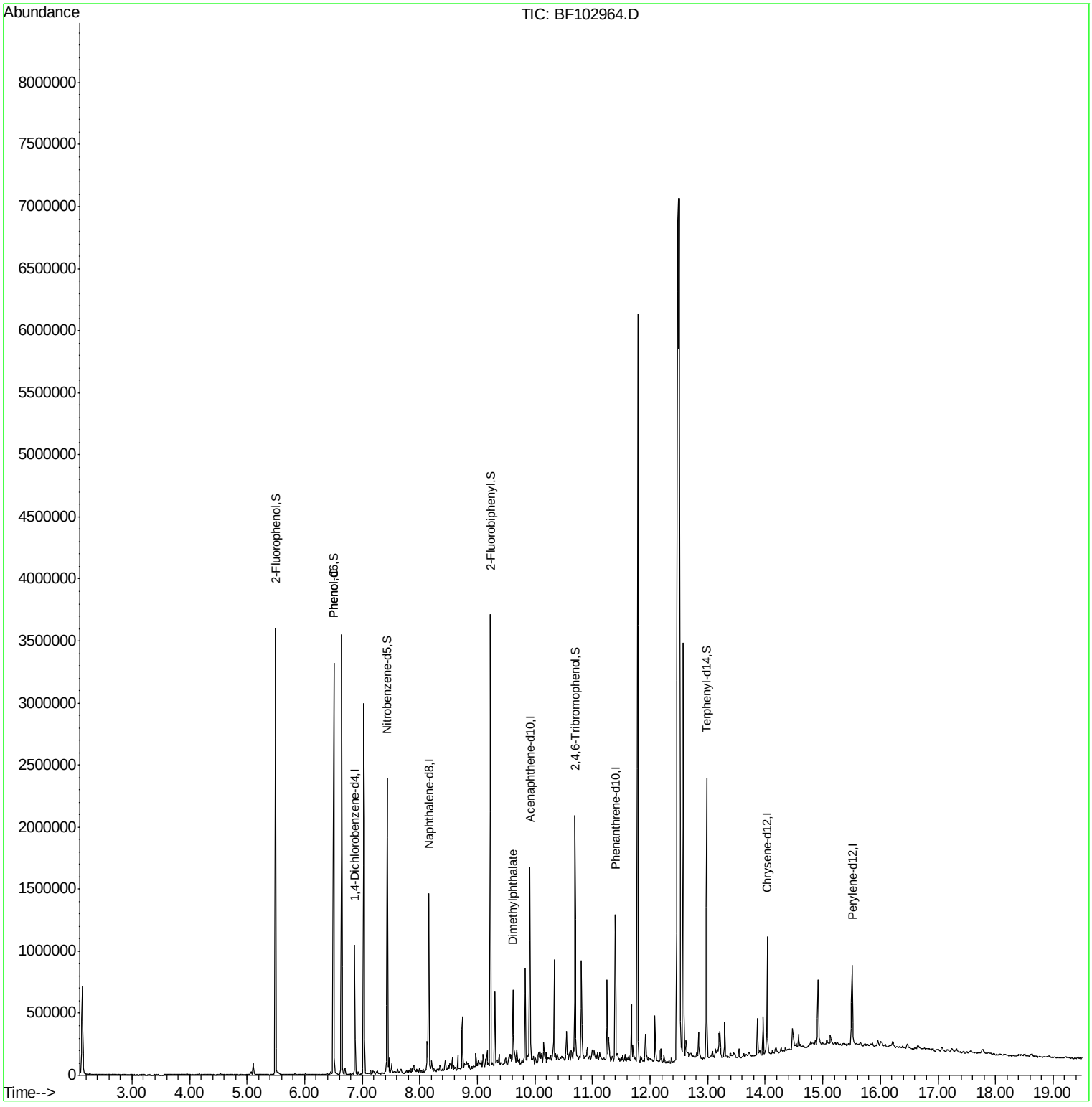
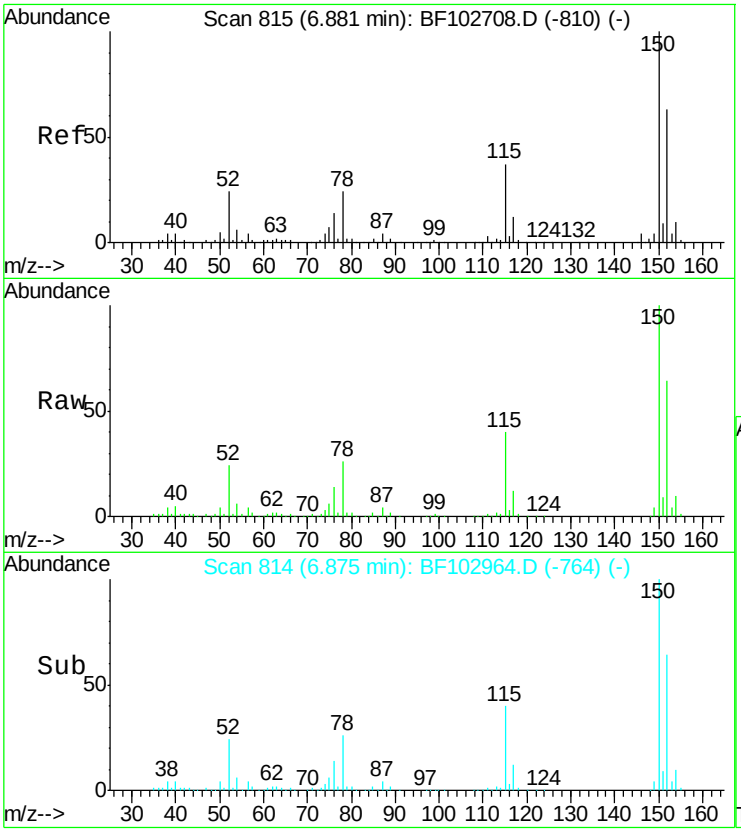


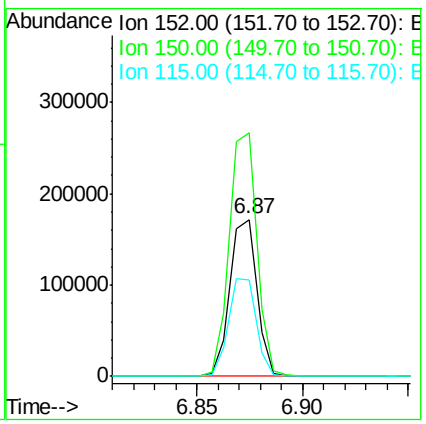


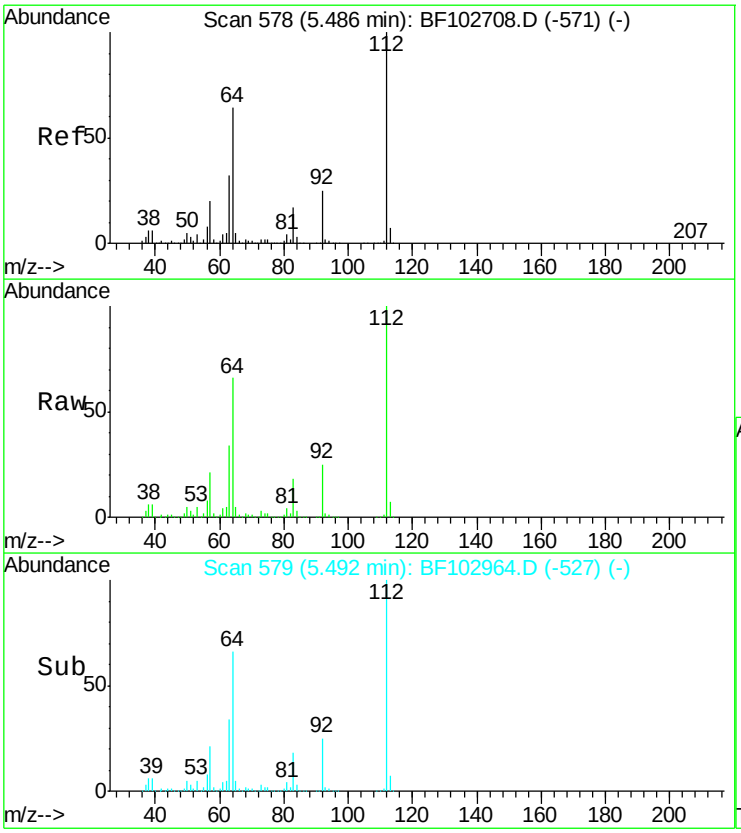
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tgt Ion:152 Resp: 151811

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.5	50.1	75.1

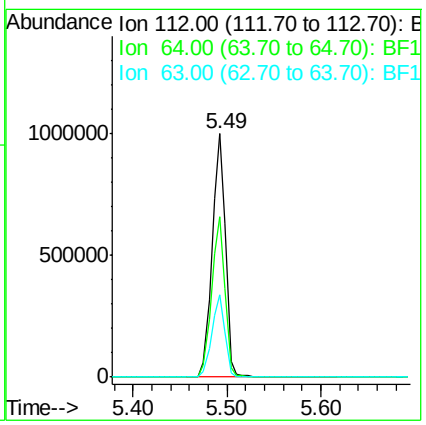


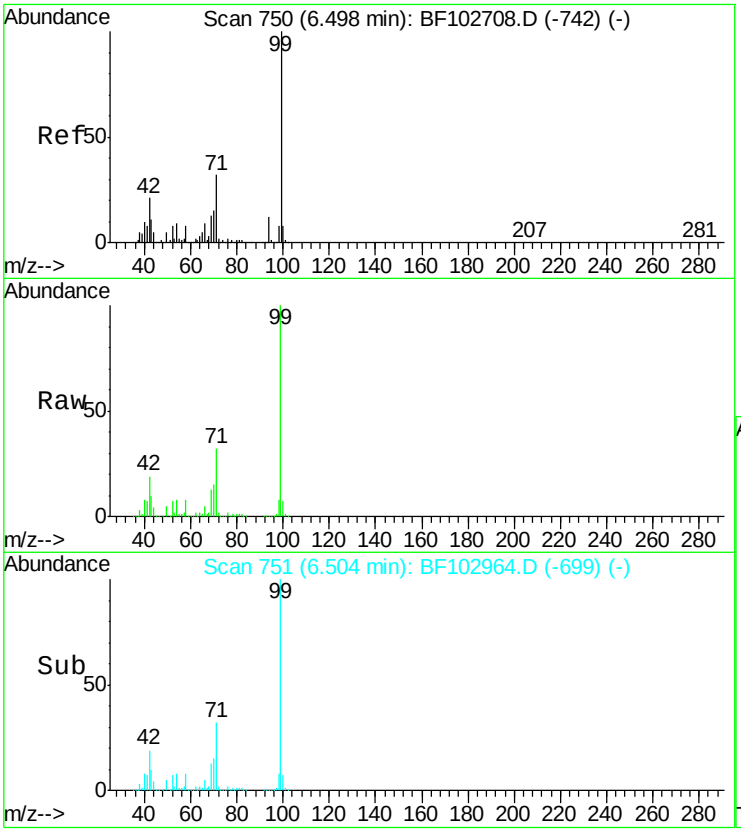


#5
2-Fluorophenol
Concen: 100.771 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion:112 Resp: 1007340

Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	33.8	23.7	35.5



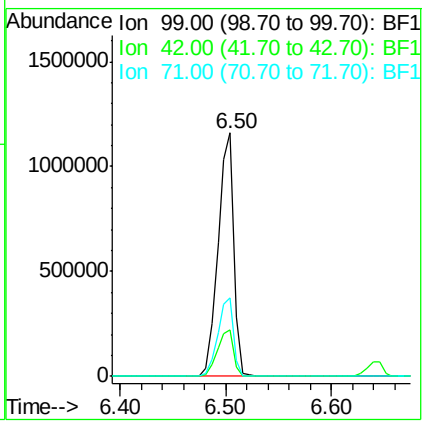


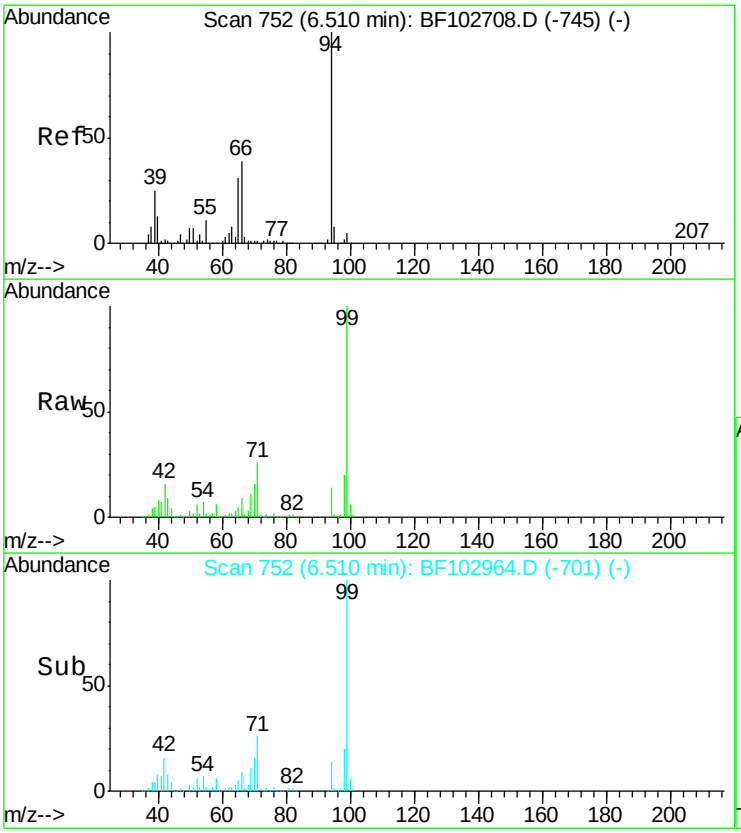
#7
Phenol-d6
Concen: 101.053 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tgt Ion: 99 Resp: 1216304

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.1	25.4	38.0

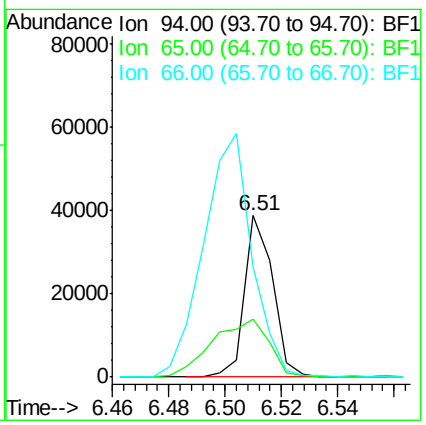


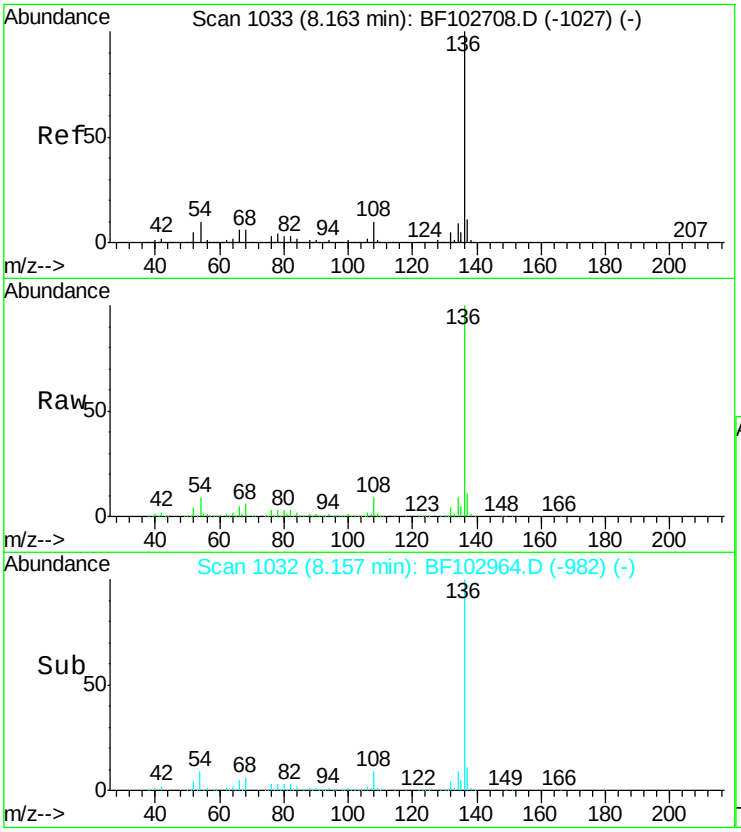


#10
Phenol
Concen: 2.079 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion: 94 Resp: 26820

Ion	Ratio	Lower	Upper
94	100		
65	35.7	7.9	47.9
66	68.4	16.2	56.2#



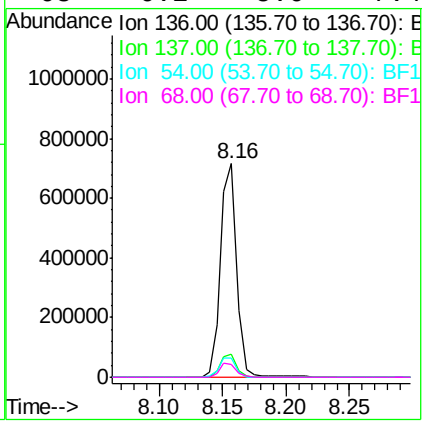


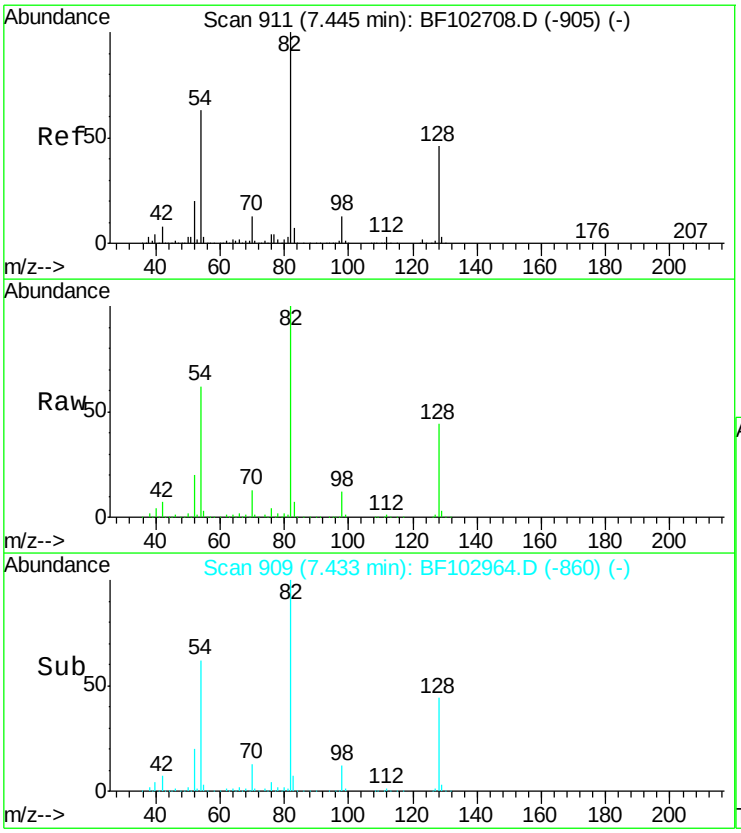
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tgt Ion:136 Resp: 644218

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	6.2	5.0	7.4

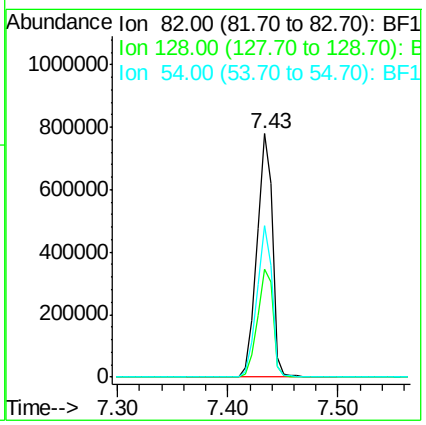


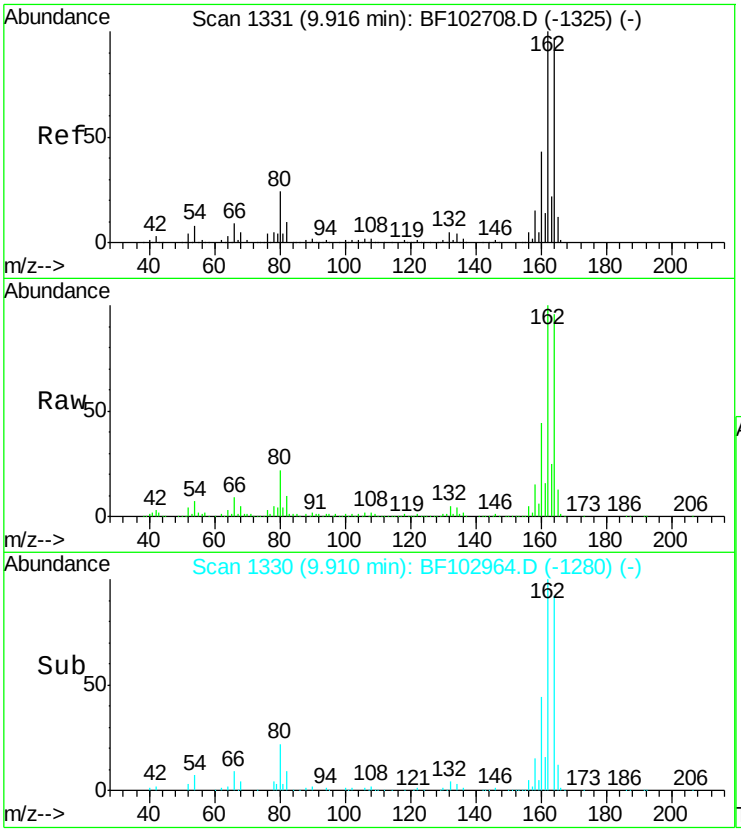


#23
Nitrobenzene-d5
Concen: 83.083 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion: 82 Resp: 771562

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	62.2	41.4	62.2#



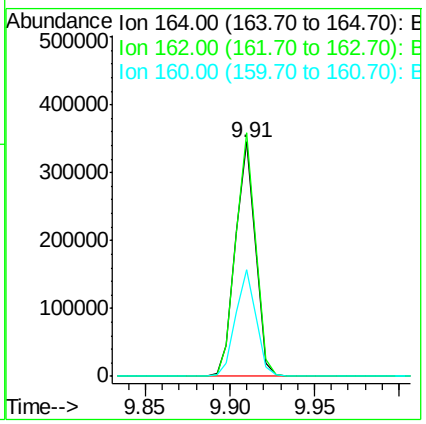


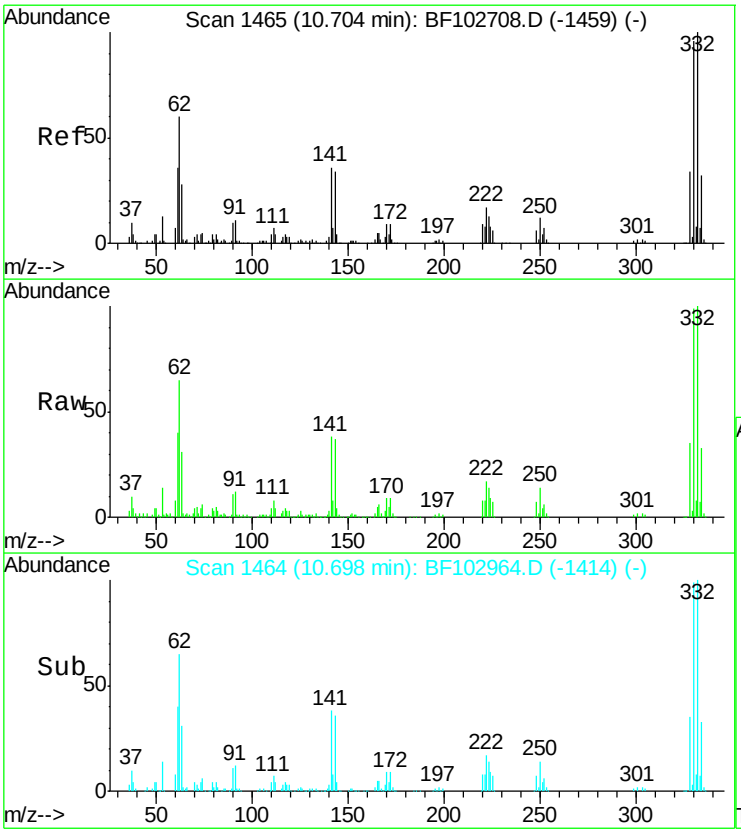
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tgt Ion:164 Resp: 283334

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.6	38.3	57.5

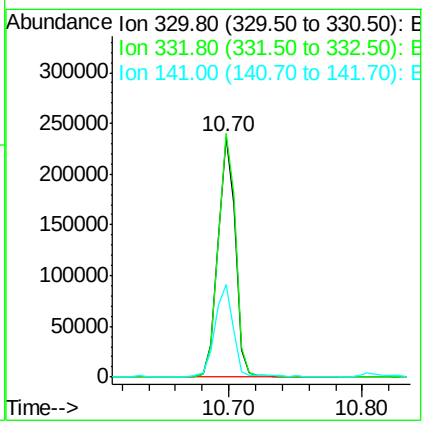


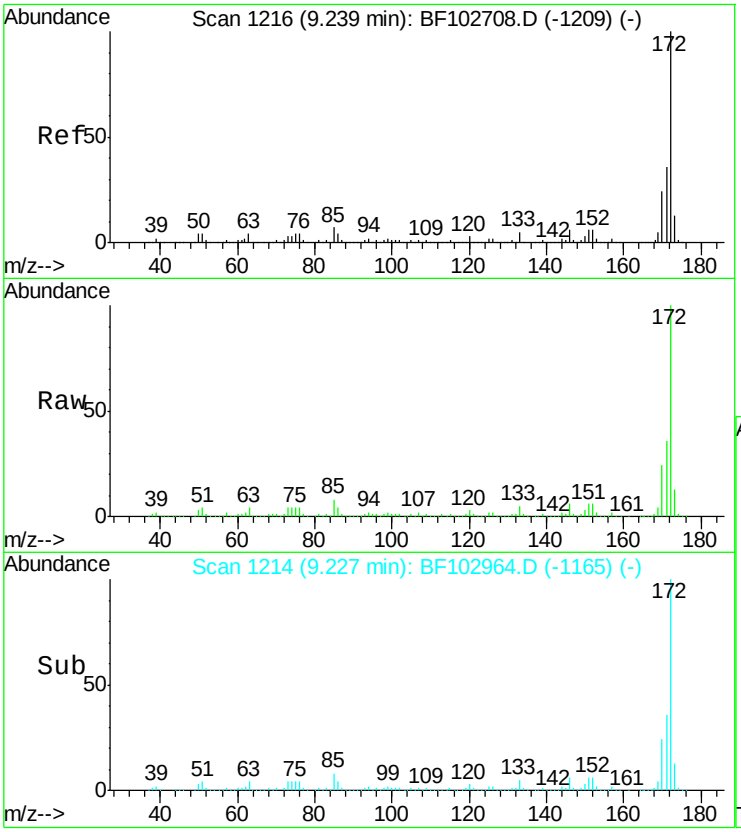


#41
2,4,6-Tribromophenol
Concen: 95.548 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion:330 Resp: 217899

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	39.7	29.9	44.9



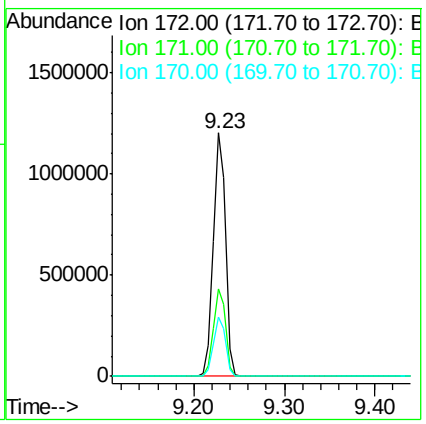


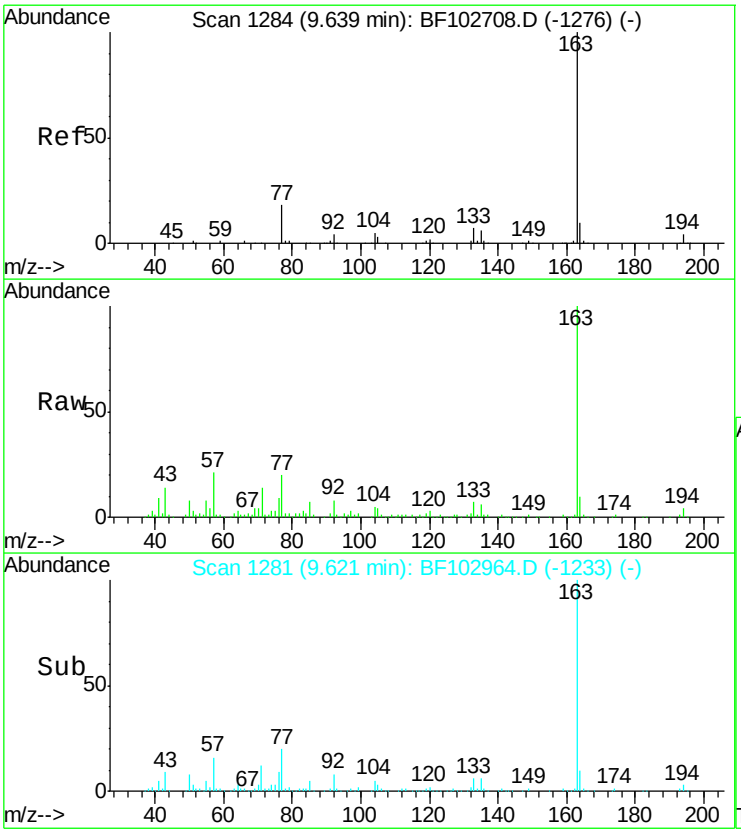
#44
2-Fluorobiphenyl
Concen: 65.869 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tgt Ion:172 Resp: 1124709

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4

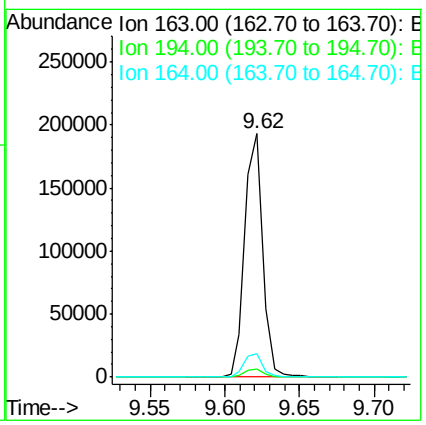


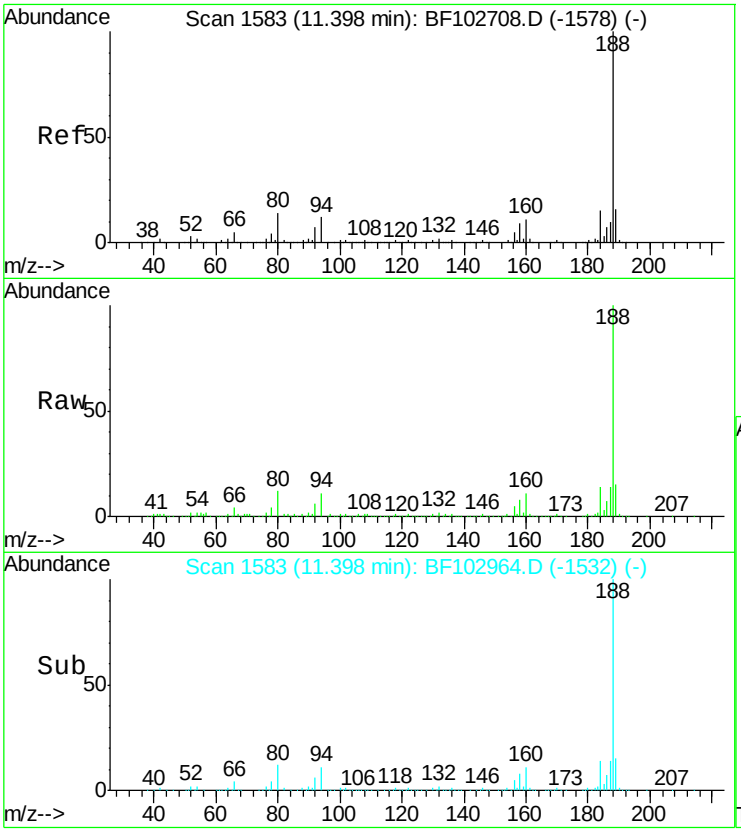


#49
Dimethylphthalate
Concen: 7.332 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion:163 Resp: 161975

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2



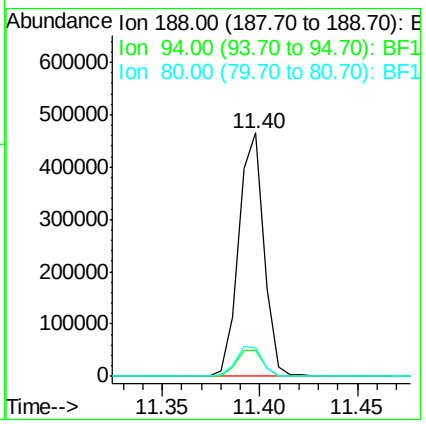


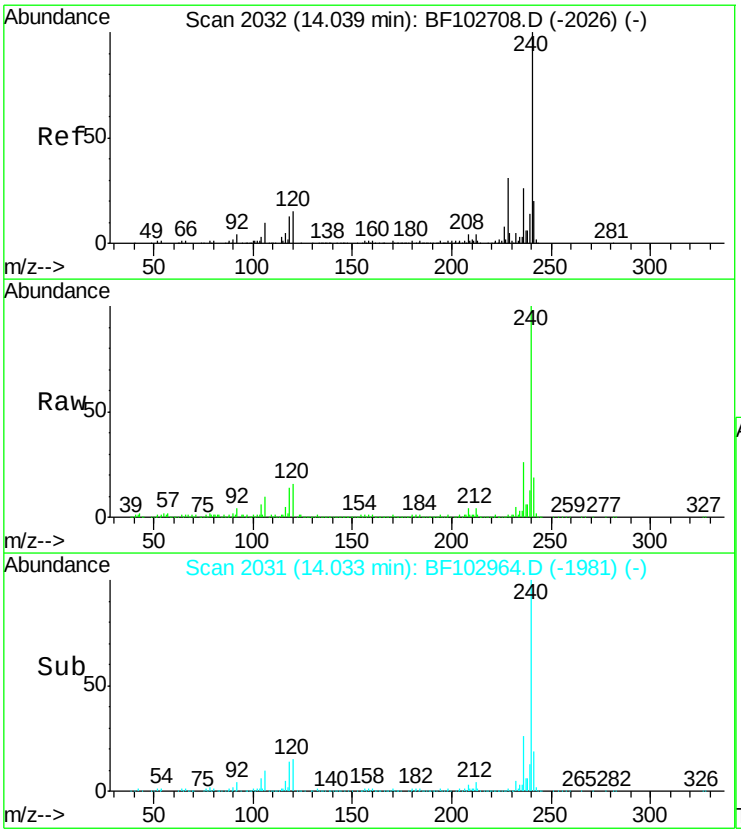
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tgt Ion:188 Resp: 417220

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8

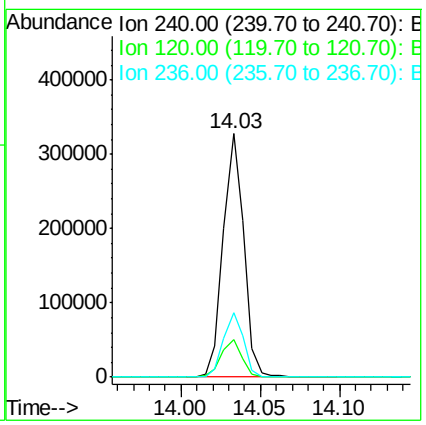


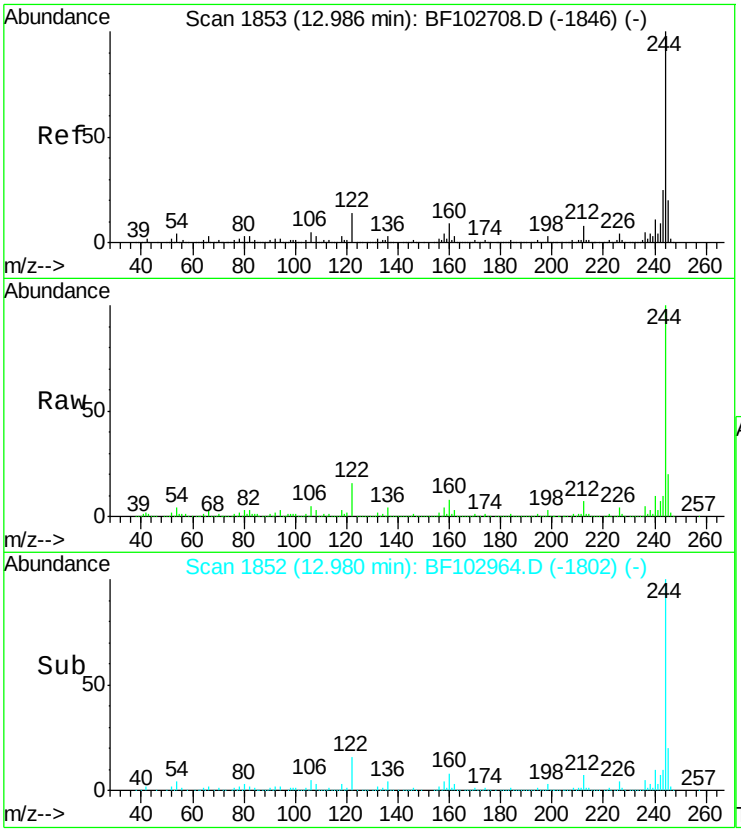


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion:240 Resp: 295493

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	26.2	20.7	31.1



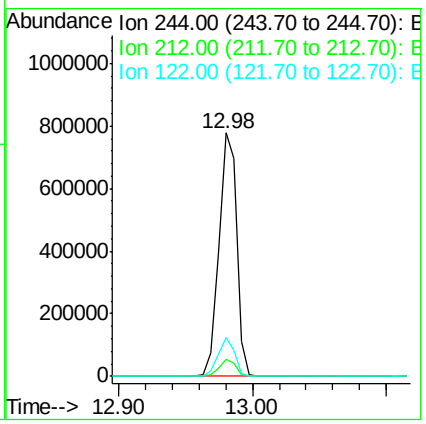


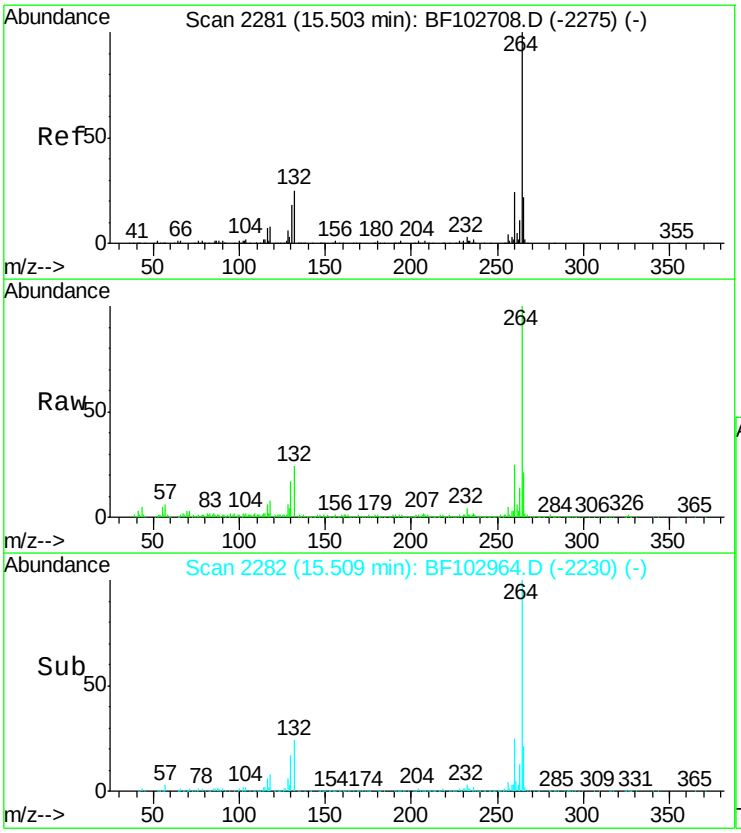
#78
Terphenyl-d14
Concen: 58.768 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
OK-02-021218

Tgt Ion:244 Resp: 733409

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102964.D
Acq: 13 Feb 2018 16:24

Tgt Ion:264 Resp: 282172

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.4	17.5	26.3