Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103481.D
Acq On : 7 Mar 2018 2:46
Operator : SJ/JU
Sample : J1731-04 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 07 06:34:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	112361	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	481344	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	186722	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	288825	20.00	ng	0.00
75) Chrysene-d12	14.06	240	198763	20.00	ng	0.00
86) Perylene-d12	15.57	264	149881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	319	0.04	ng	0.21
7) Phenol-d6	6.59	99	5423	0.60	ng	0.08
23) Nitrobenzene-d5	7.49	82	5734	0.68	ng	0.04
41) 2,4,6-Tribromophenol	10.73	330	1392	0.88	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	20744	-1.00	ng	0.00
78) Terphenyl-d14	12.99	244	16002	1.94	ng	0.00
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.91	165	23169	7.371	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	23273	5.854	ng	# 22

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103481.D
Acq On : 7 Mar 2018 2:46
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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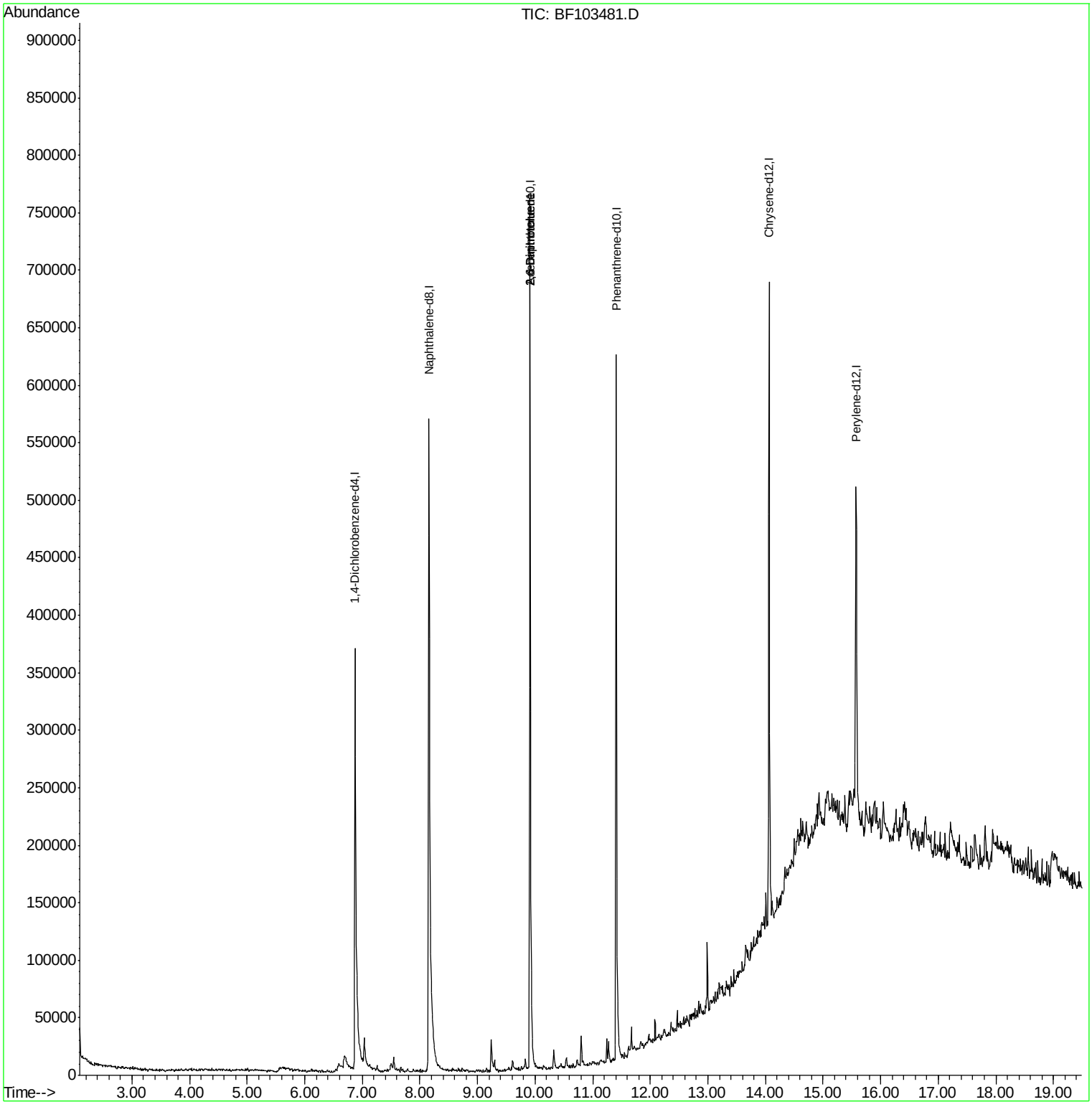
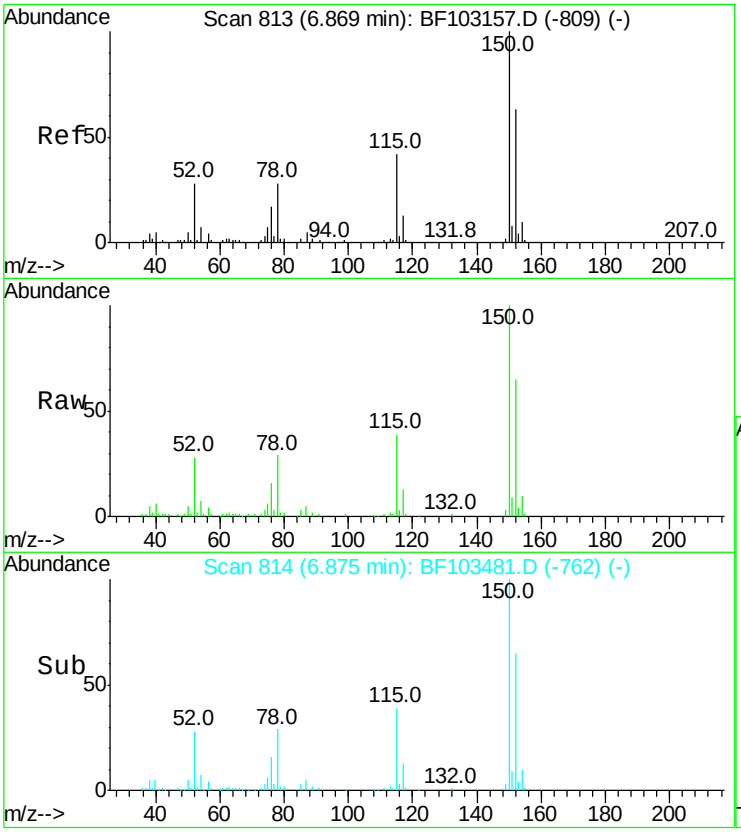


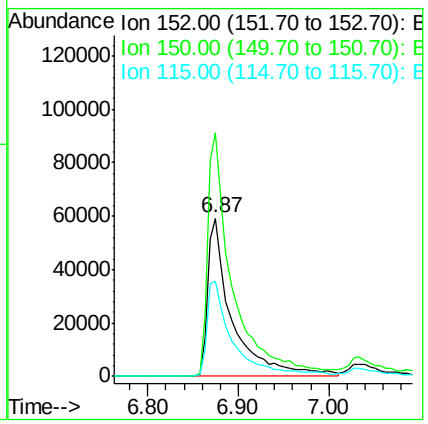


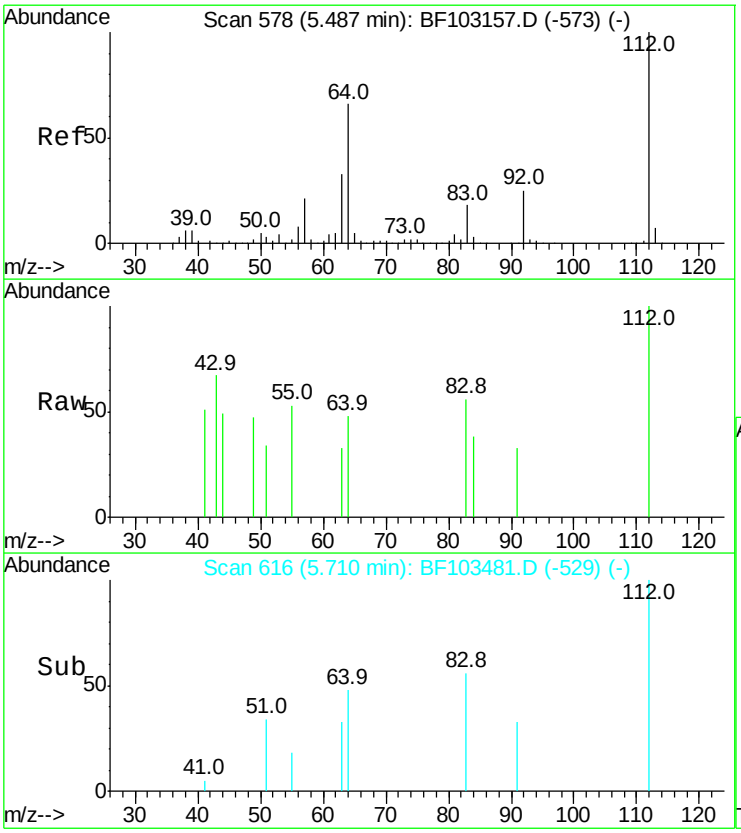
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112361

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	59.9	50.1	75.1

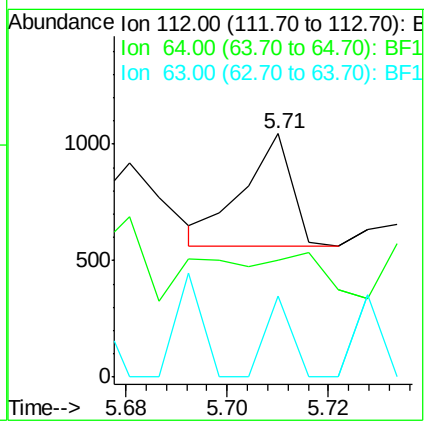


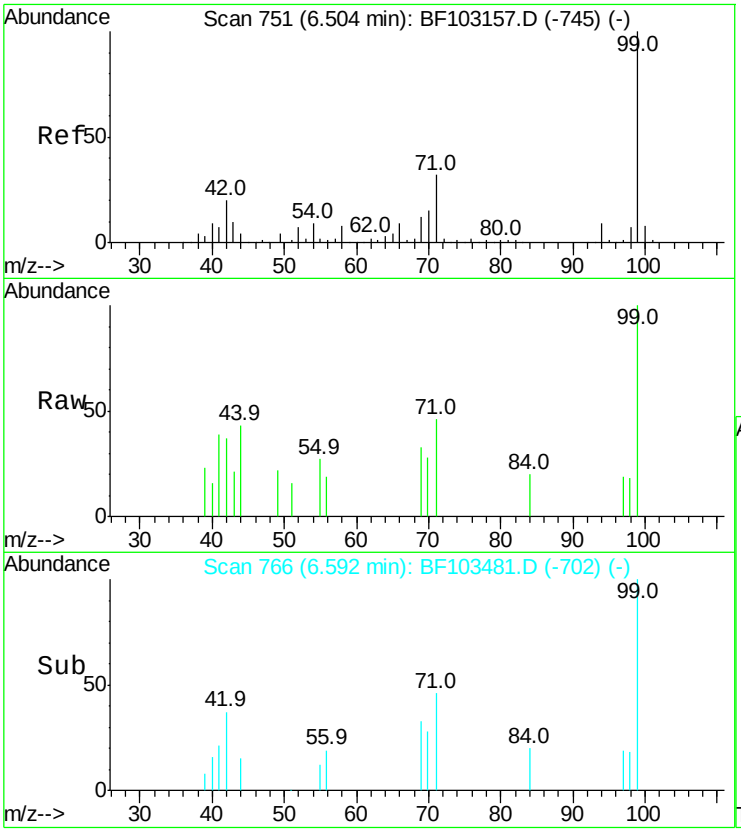


#5
2-Fluorophenol
Concen: 0.043 ng
RT: 5.71 min Scan# 616
Delta R.T. 0.21 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:112 Resp: 319

Ion	Ratio	Lower	Upper
112	100		
64	48.2	47.9	71.9
63	33.5	23.7	35.5



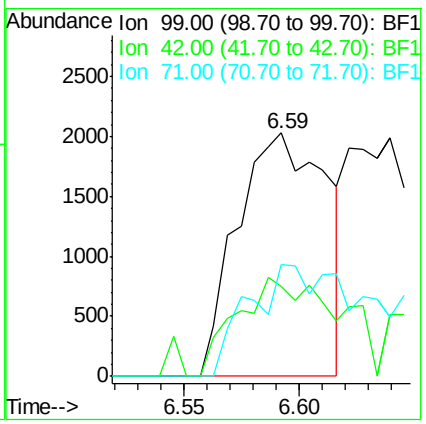


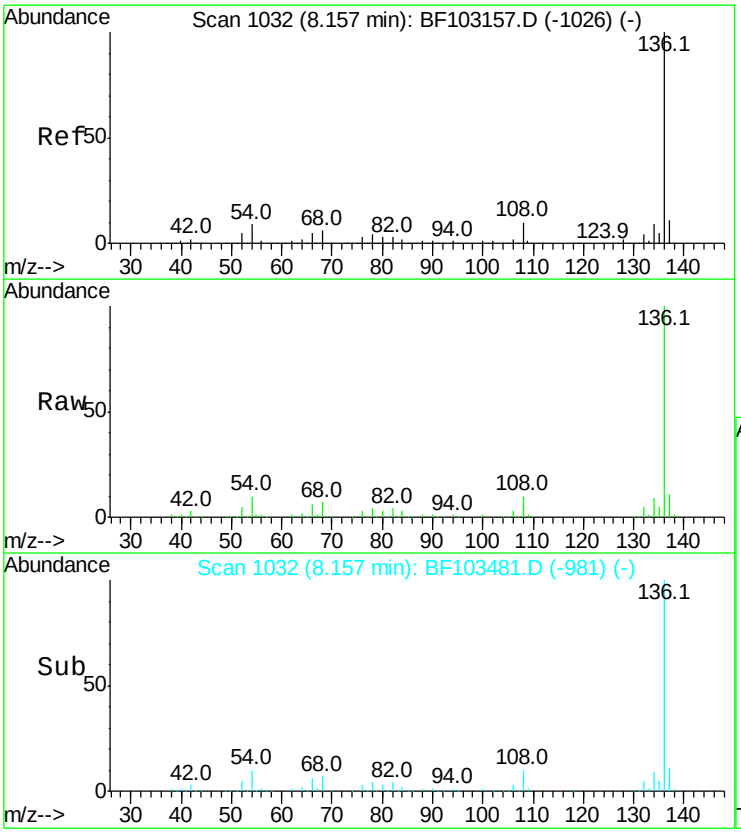
#7
Phenol-d6
Concen: 0.597 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.08 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 5423

Ion	Ratio	Lower	Upper
99	100		
42	36.9	14.5	21.7#
71	46.2	25.4	38.0#

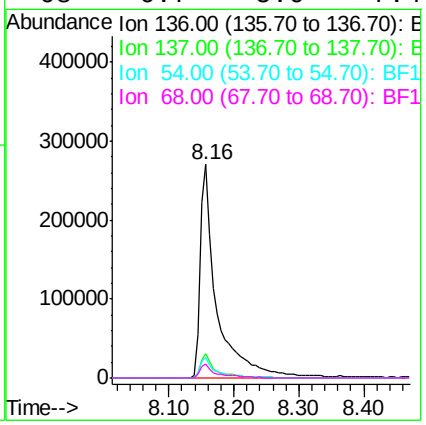


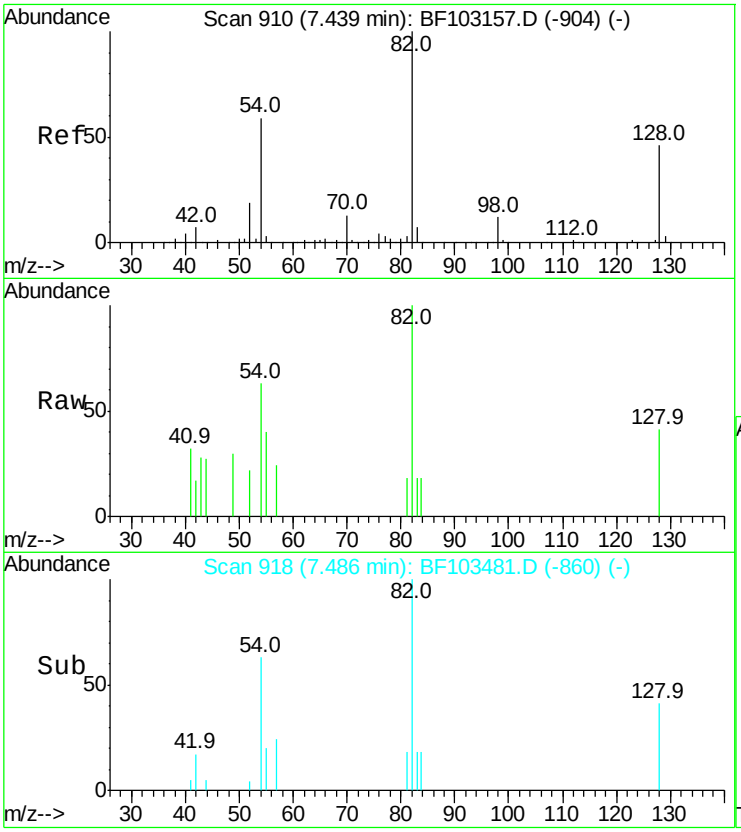


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:136 Resp: 481344

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.7	6.6	9.8
68	6.7	5.0	7.4

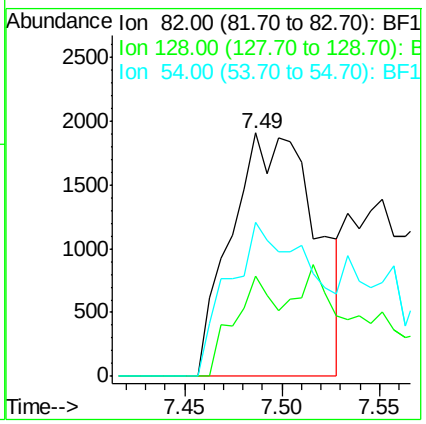




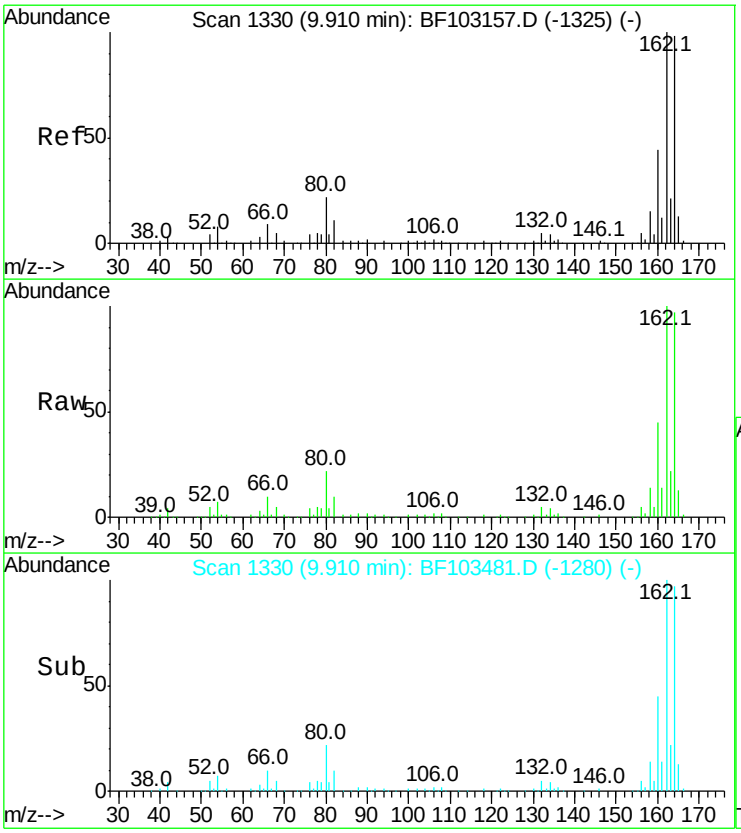
#23
Nitrobenzene-d5
Concen: 0.680 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.04 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion: 82 Resp: 5734

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	63.5	41.4	62.2#



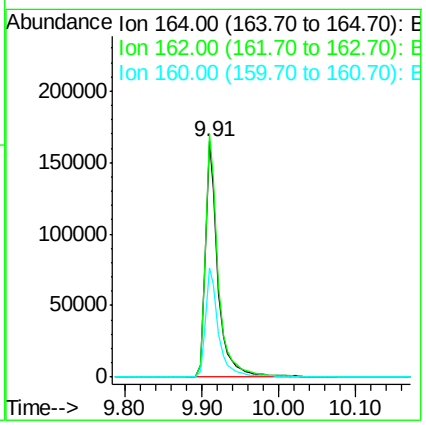
Instrument :
BNA_F
ClientSampleId :

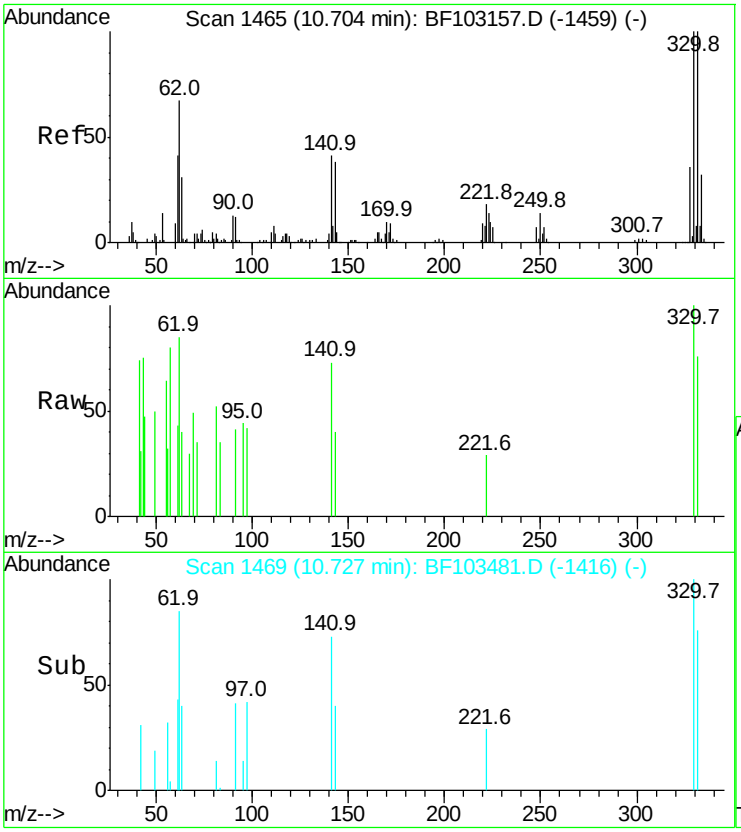


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:164 Resp: 186722

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.1	38.3	57.5



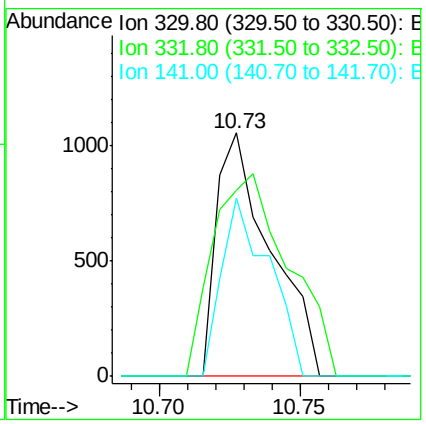


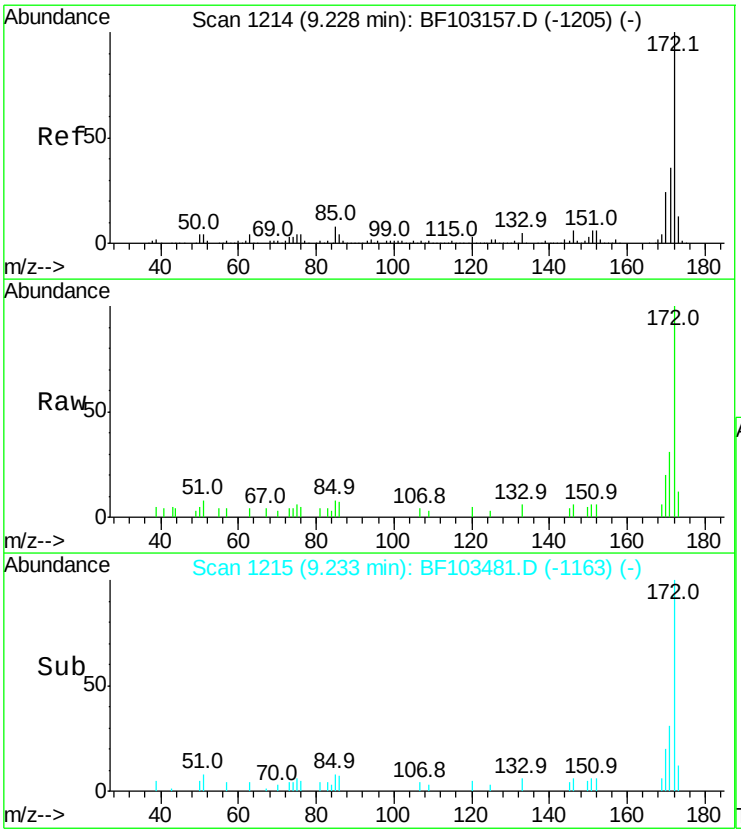
#41
2,4,6-Tribromophenol
Concen: 0.881 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1392

Ion	Ratio	Lower	Upper
330	100		
332	117.0	77.0	115.6#
141	64.6	29.9	44.9#

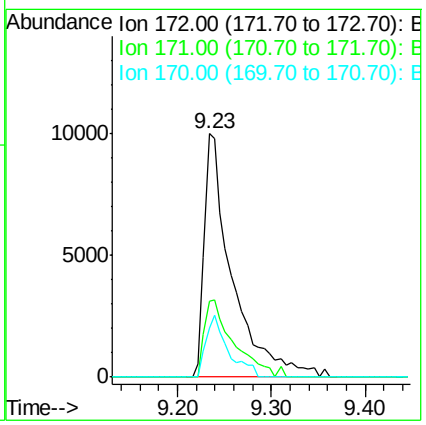


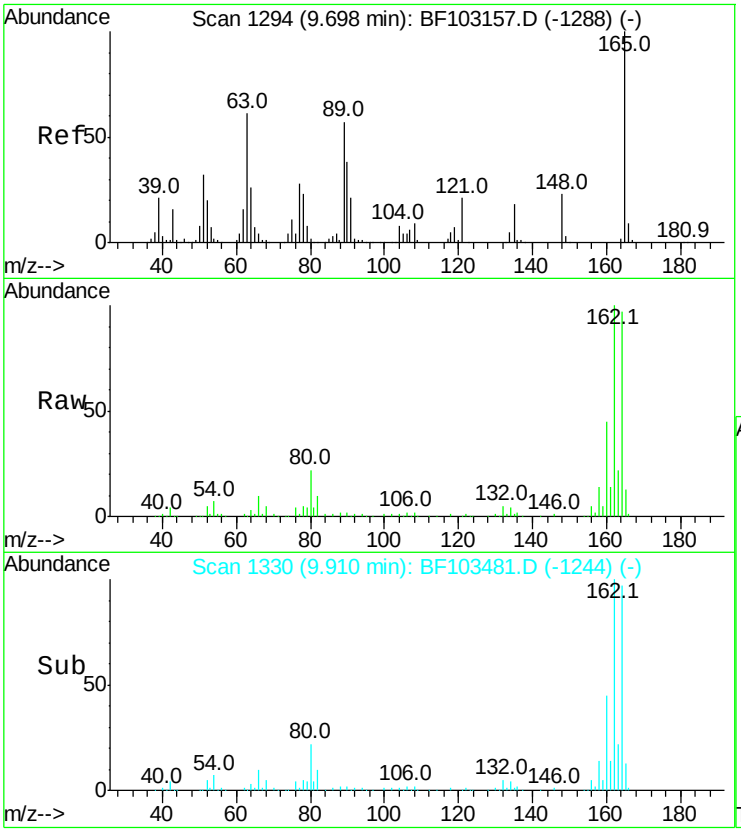


#44
2-Fluorobiphenyl
Concen: -1.000 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:172 Resp: 20744

Ion	Ratio	Lower	Upper
172	100		
171	31.2	29.7	44.5
170	20.2	19.6	29.4



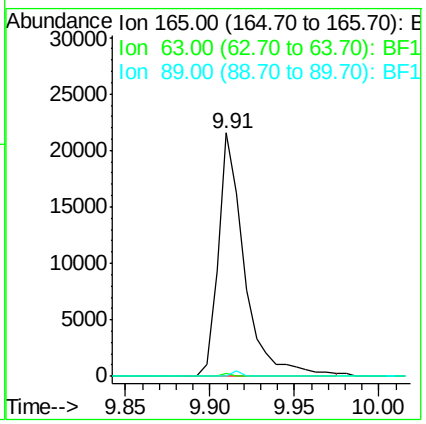


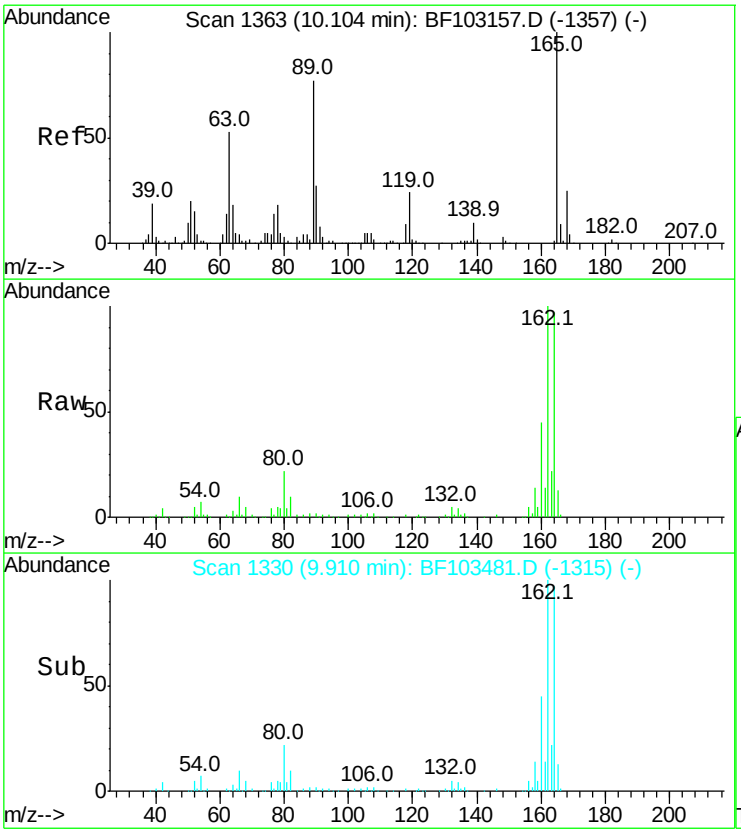
#50
2,6-Dinitrotoluene
Concen: 7.371 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23169

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#

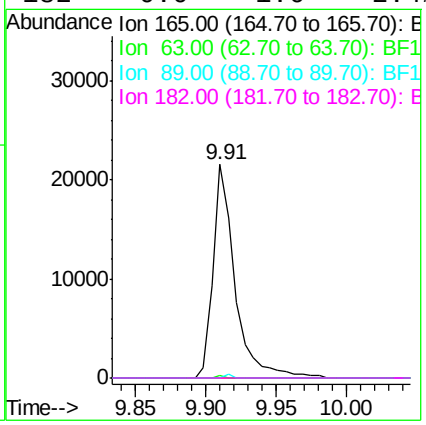


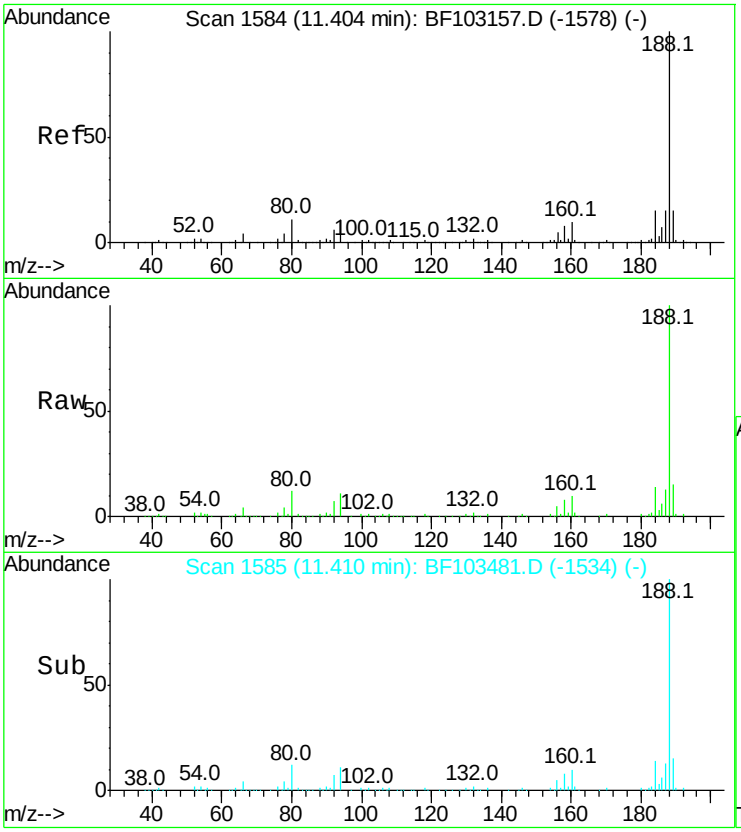


#56
2,4-Dinitrotoluene
Concen: 5.854 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:165 Resp: 23273

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



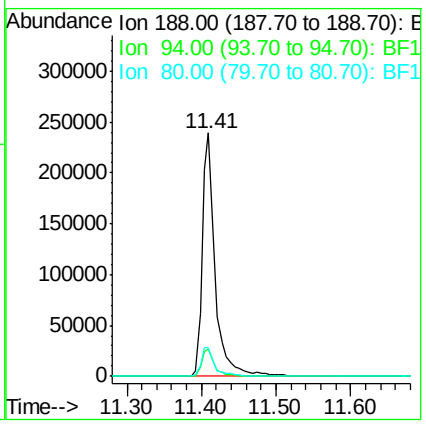


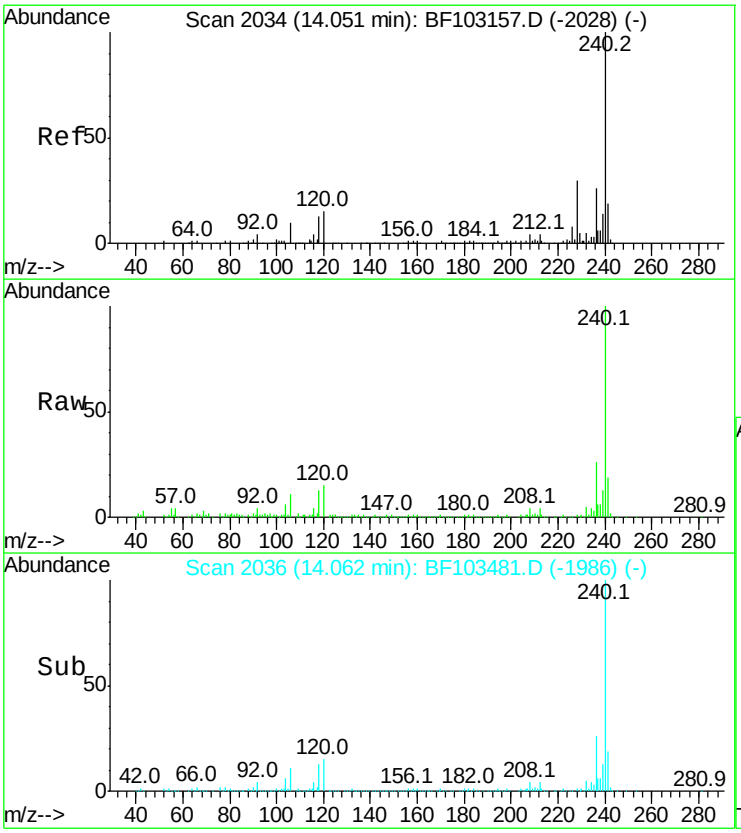
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 288825

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.0	9.2	13.8

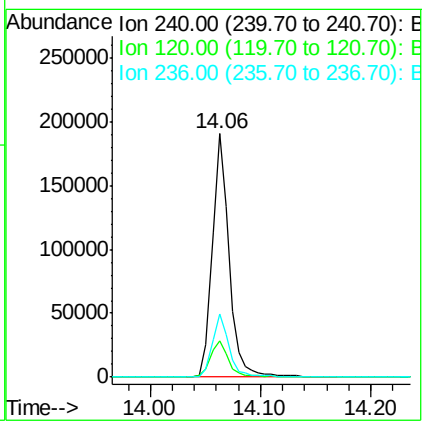


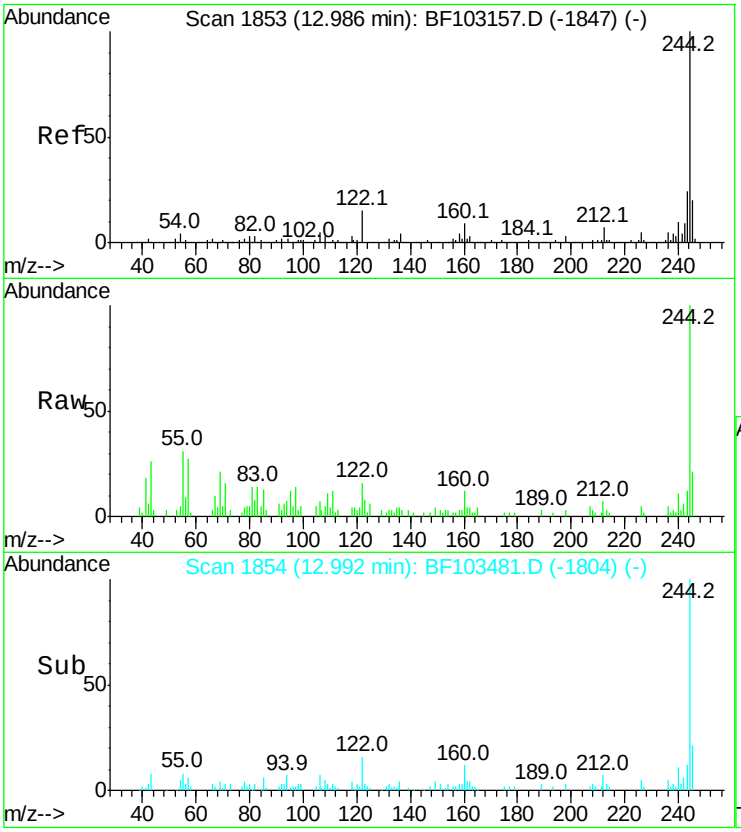


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:240 Resp: 198763

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	26.0	20.7	31.1



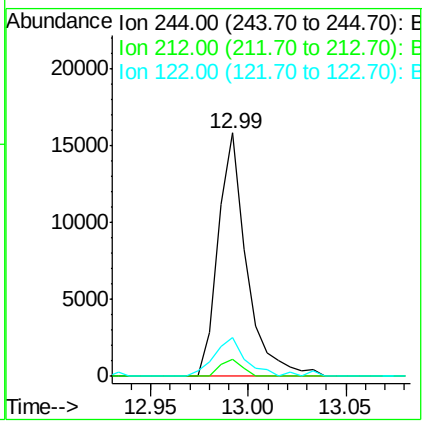


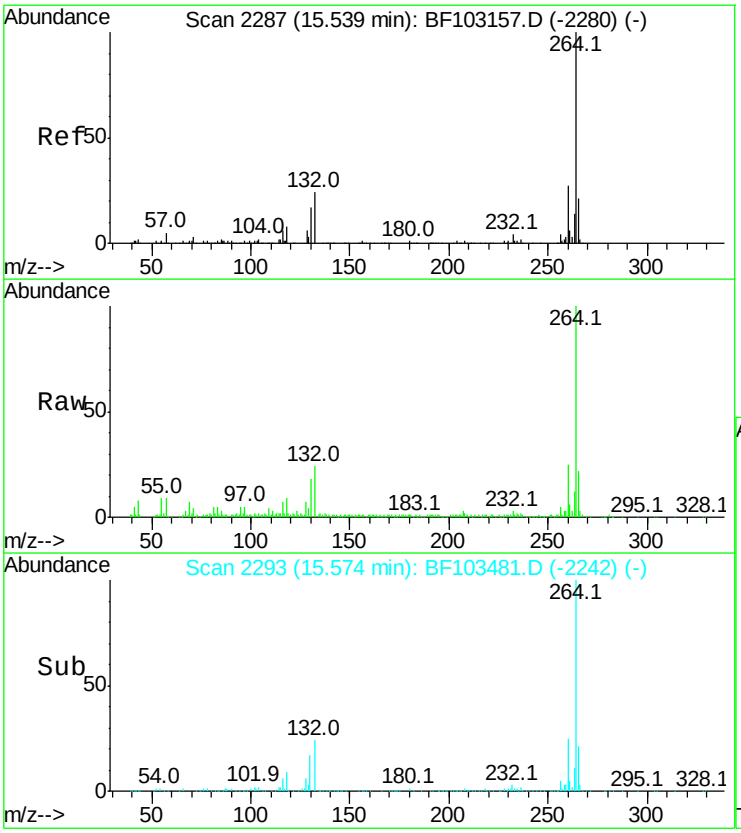
#78
Terphenyl-d14
Concen: 1.935 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 16002

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:264 Resp: 149881

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.8	17.5	26.3