Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103756.D
Acq On : 19 Mar 2018 14:50
Operator : JU/SJ
Sample : J1750-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-031518-C

Quant Time: Mar 19 17:02:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166520	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	679599	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	321226	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	588620	20.00	ng	0.00
75) Chrysene-d12	14.16	240	516257	20.00	ng	0.00
86) Perylene-d12	15.69	264	432539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1253314	114.48	ng	0.02
7) Phenol-d6	6.60	99	1404965	104.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	1064761	109.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	442314	160.15	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1742013	86.51	ng	0.00
78) Terphenyl-d14	13.10	244	1907377	85.76	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.96	122	45928	15.250	ng	98
69) Pentachlorophenol	11.30	266	70542	17.788	ng	97

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

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Misc :
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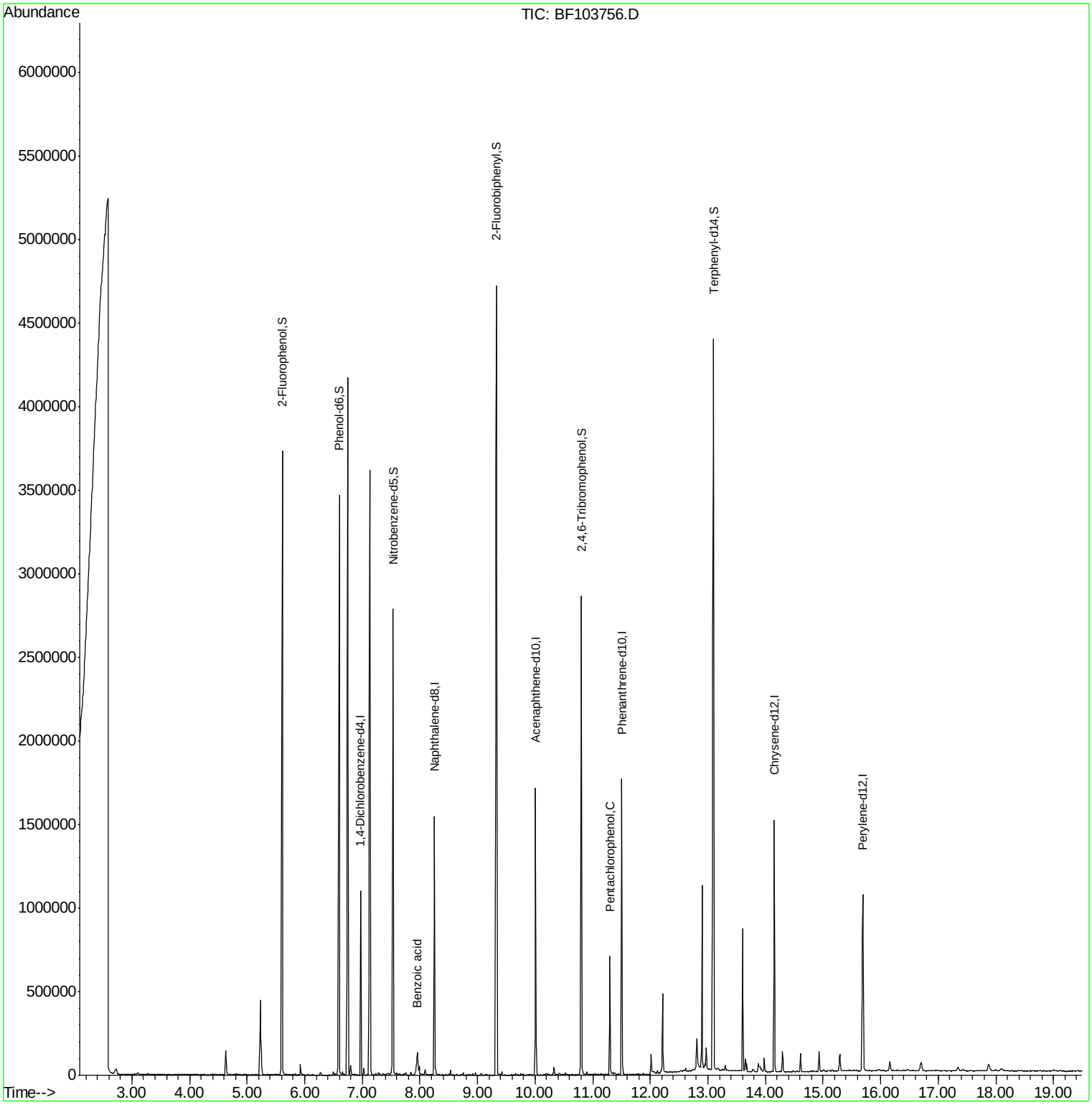
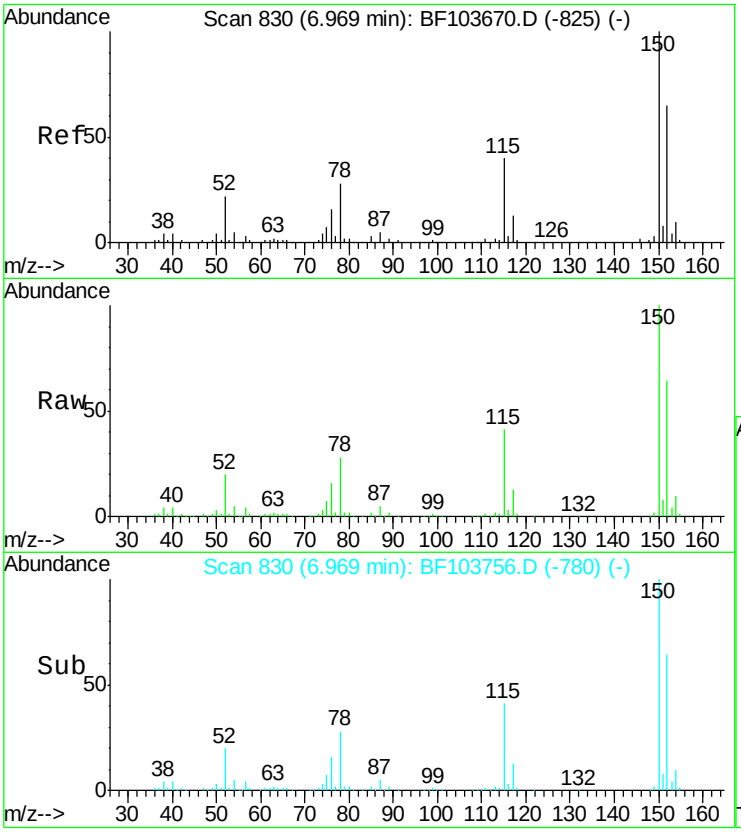


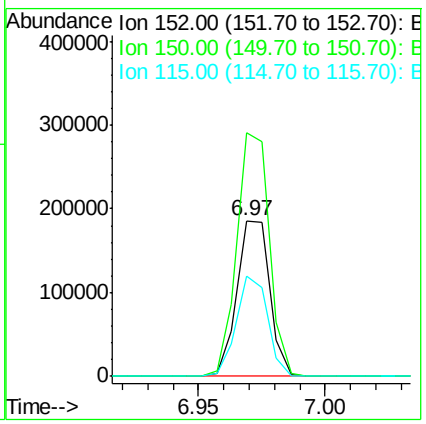


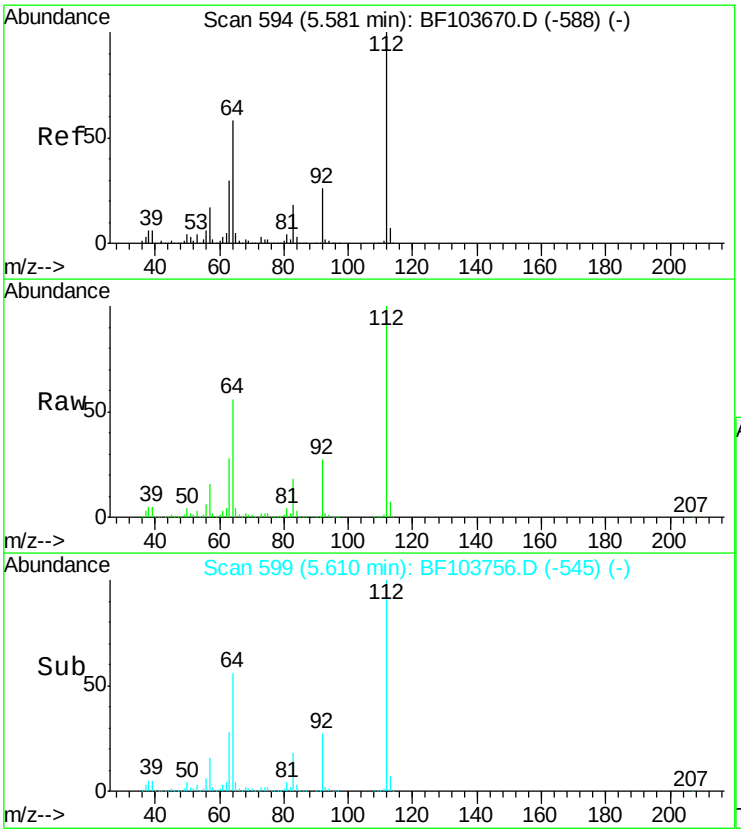
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tgt Ion:152 Resp: 166520

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.2	50.1	75.1

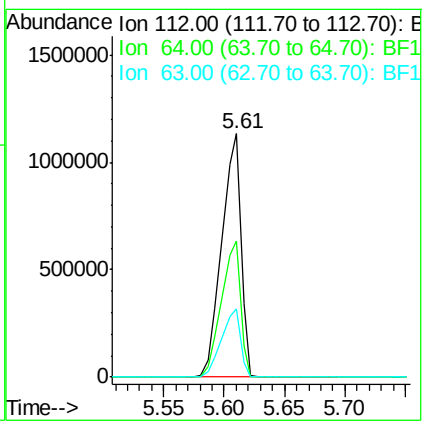


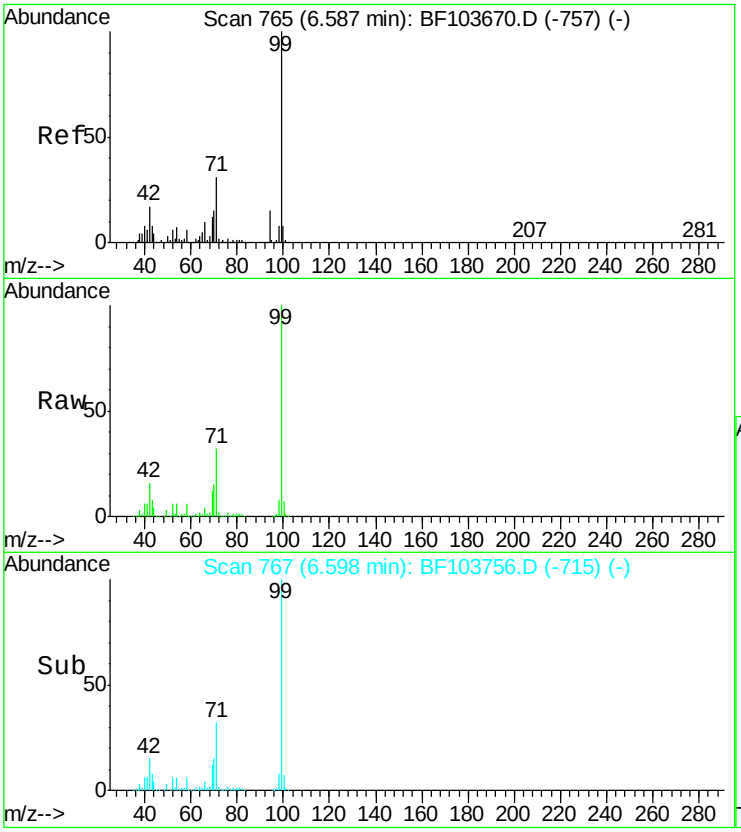


#5
2-Fluorophenol
Concen: 114.478 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:112 Resp: 1253314

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.0	23.7	35.5



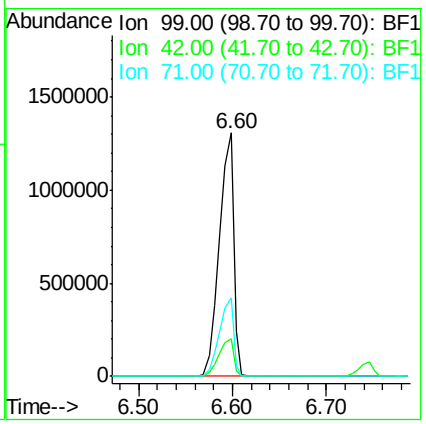


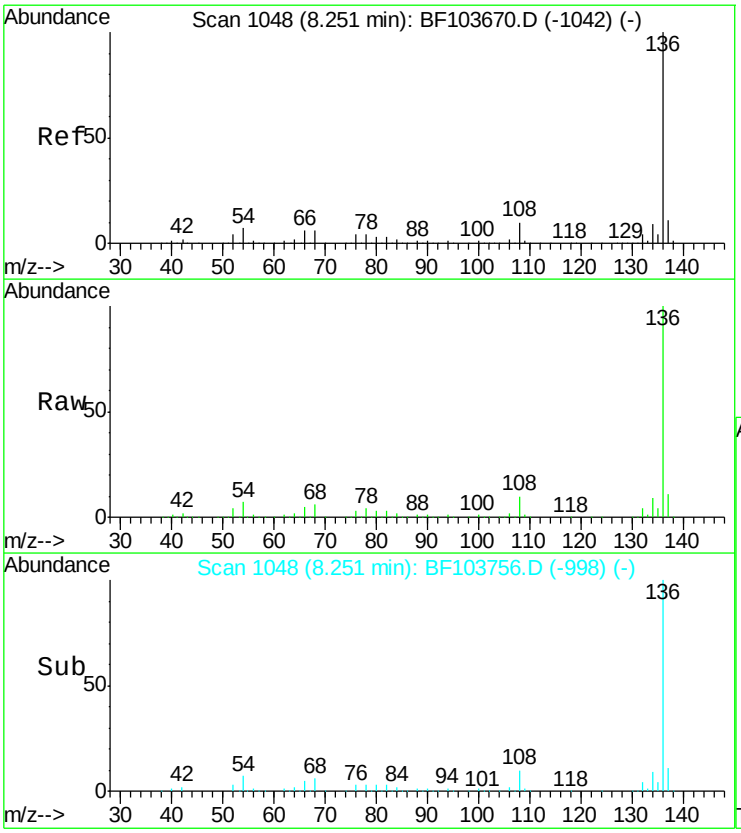
#7
Phenol-d6
Concen: 104.893 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tgt Ion: 99 Resp: 1404965

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.3	25.4	38.0

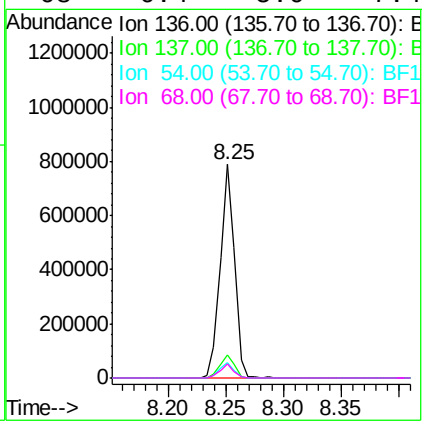


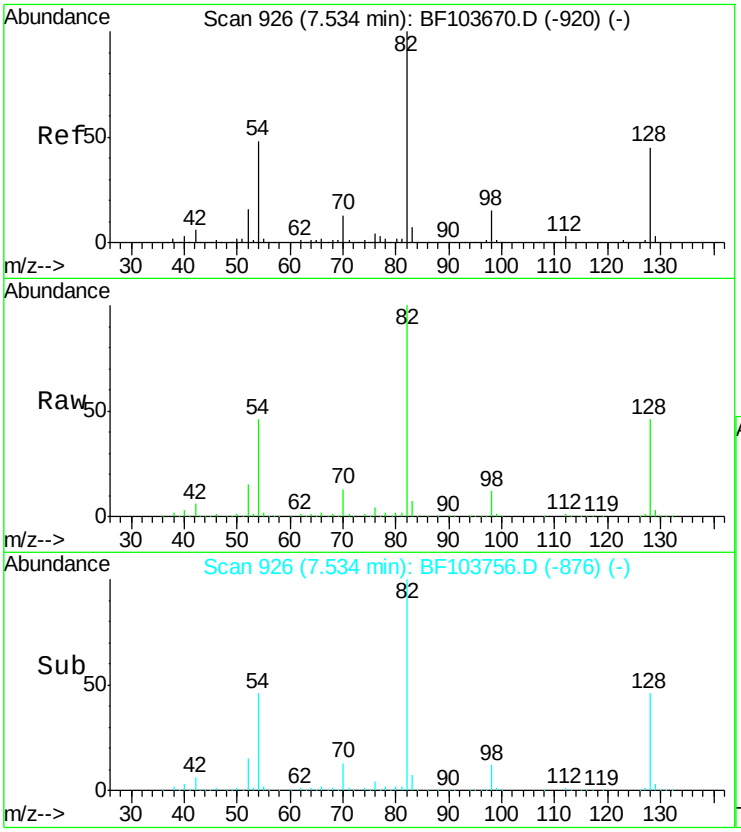


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:136 Resp: 679599

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	6.4	5.0	7.4



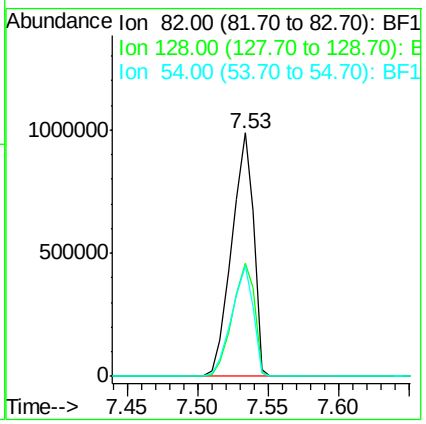


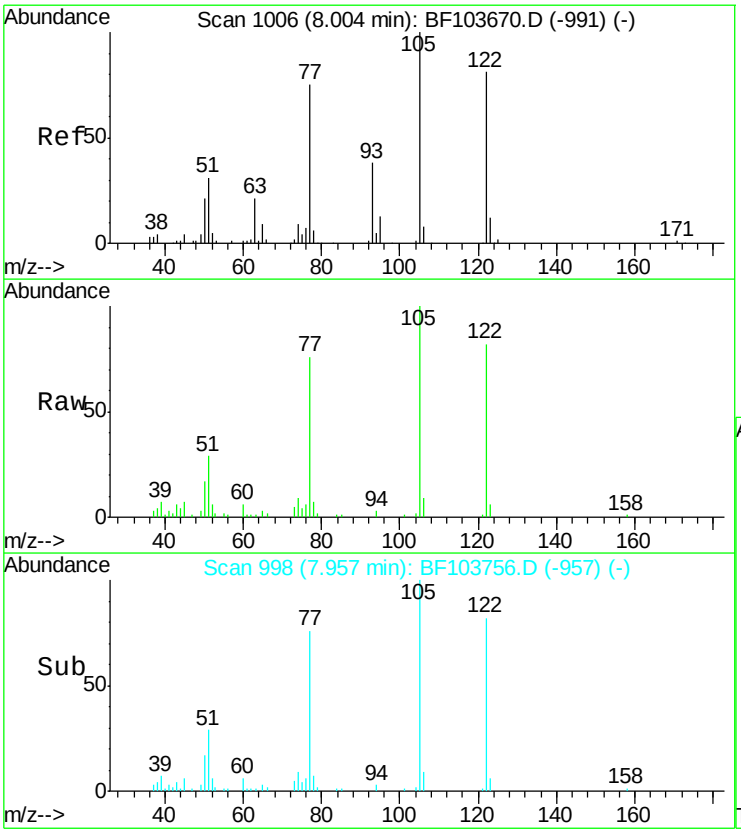
#23
Nitrobenzene-d5
Concen: 109.259 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tgt Ion: 82 Resp: 1064761

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	45.5	41.4	62.2

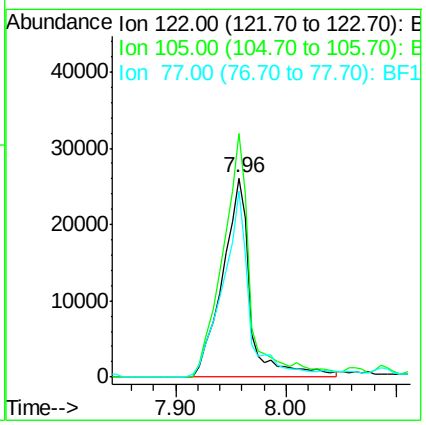


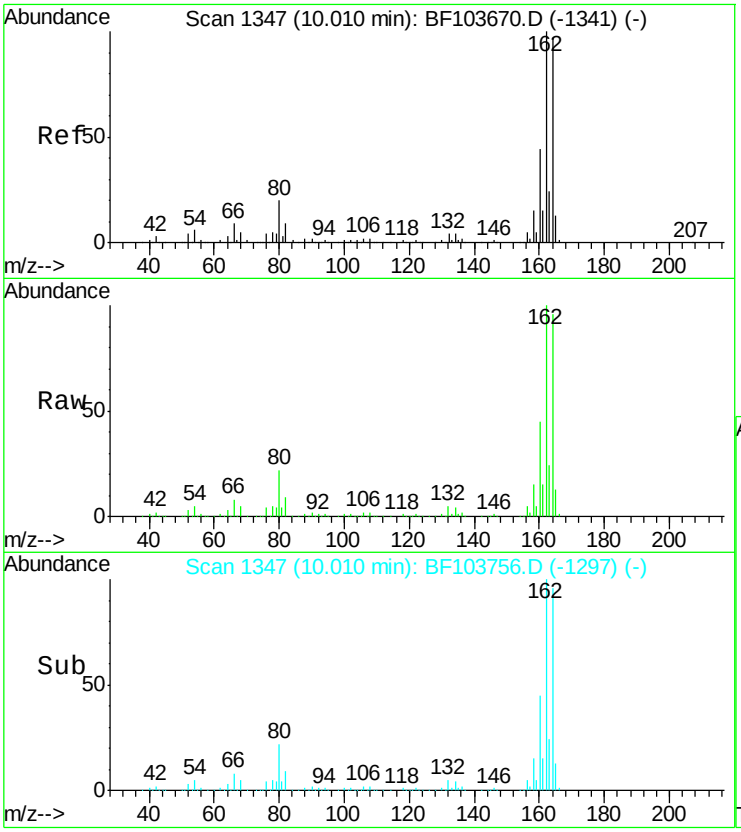


#32
Benzoic acid
Concen: 15.250 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.06 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:122 Resp: 45928

Ion	Ratio	Lower	Upper
122	100		
105	122.5	101.1	141.1
77	93.6	70.7	110.7



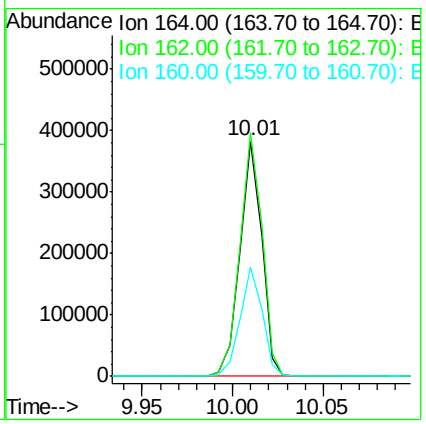


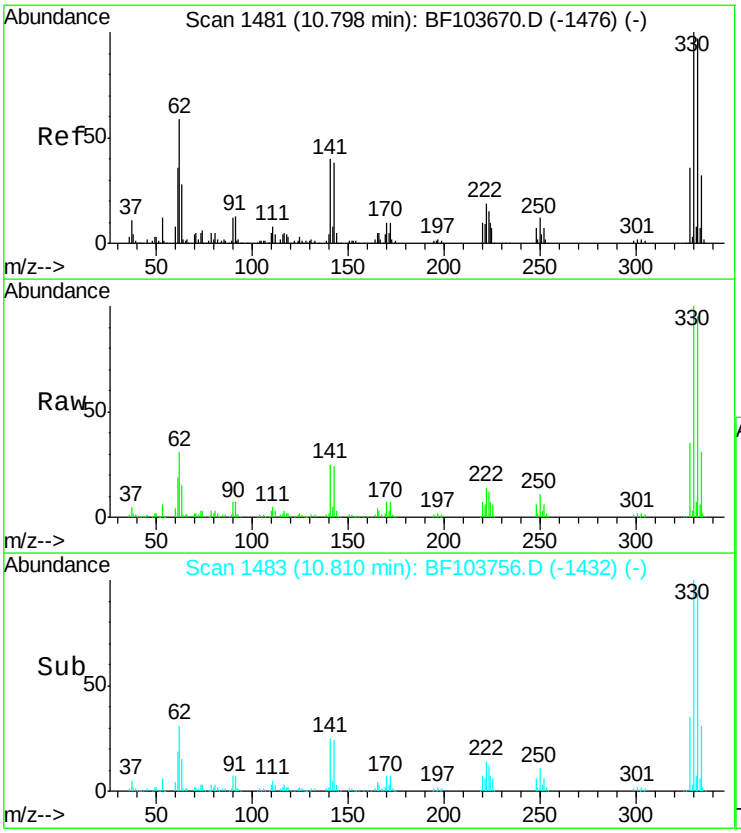
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tgt Ion:164 Resp: 321226

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.3	38.3	57.5

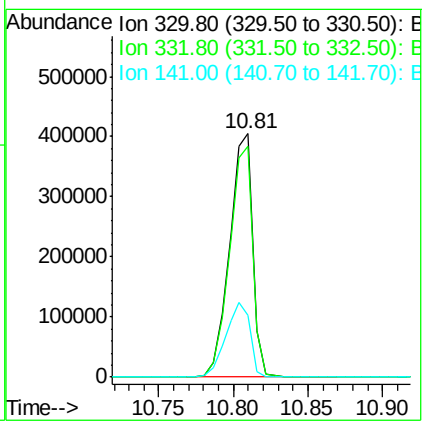


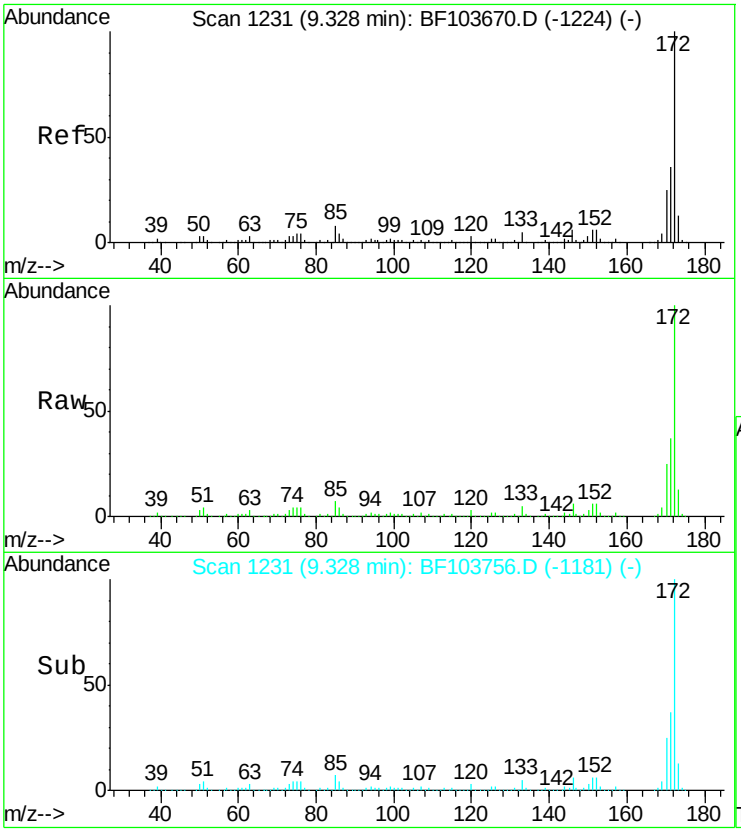


#41
2,4,6-Tribromophenol
Concen: 160.147 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:330 Resp: 442314

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.5	29.9	44.9



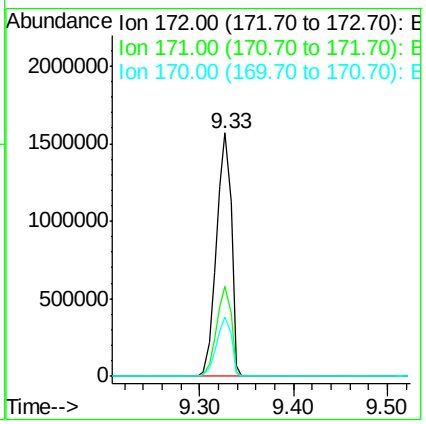


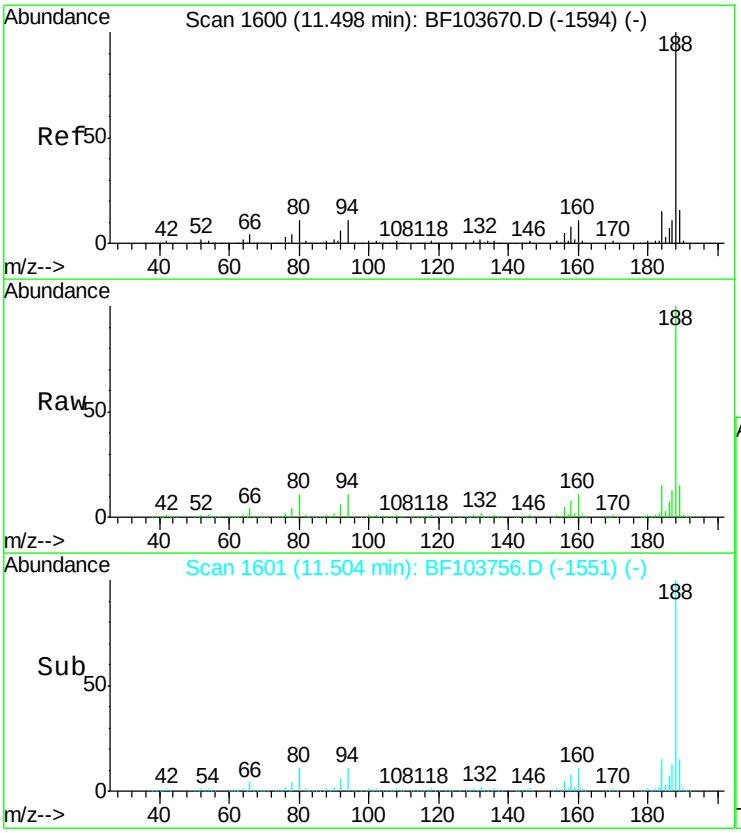
#44
2-Fluorobiphenyl
Concen: 86.505 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tgt Ion:172 Resp: 1742013

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4

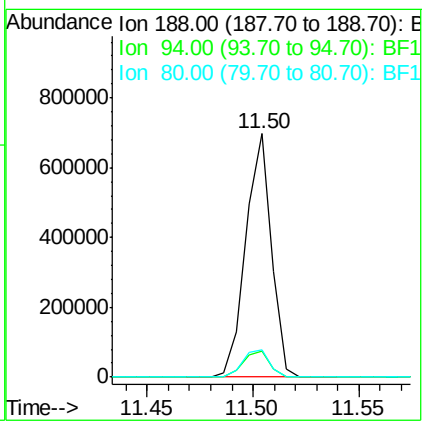


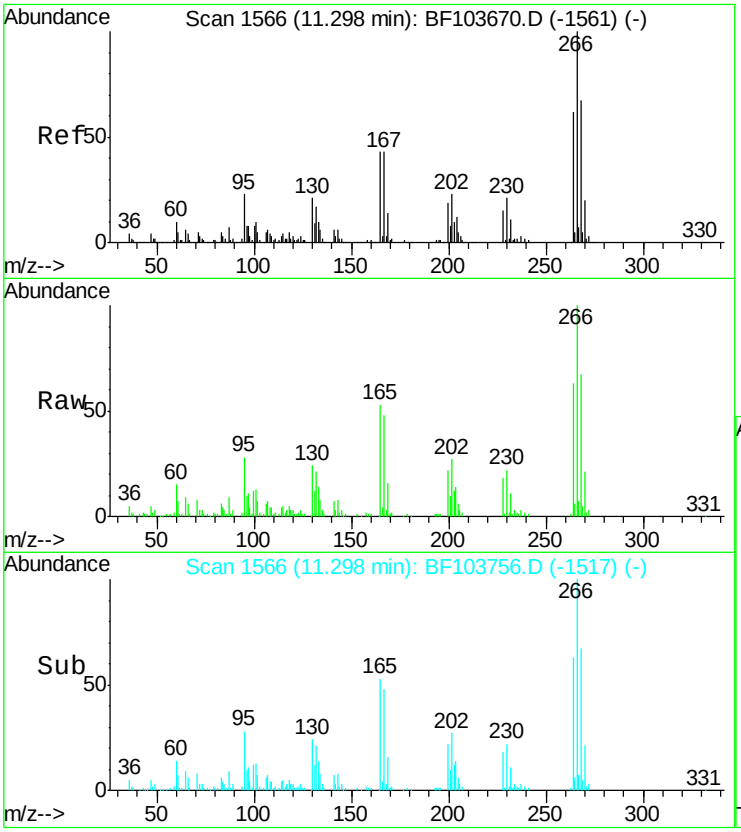


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:188 Resp: 588620

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8



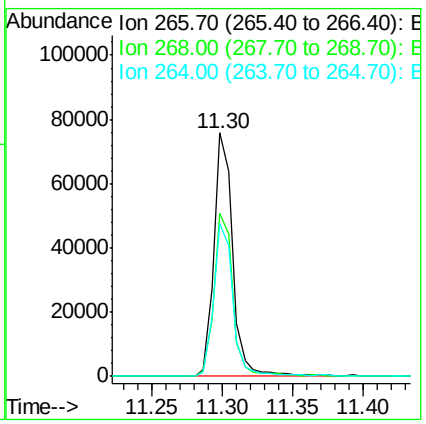


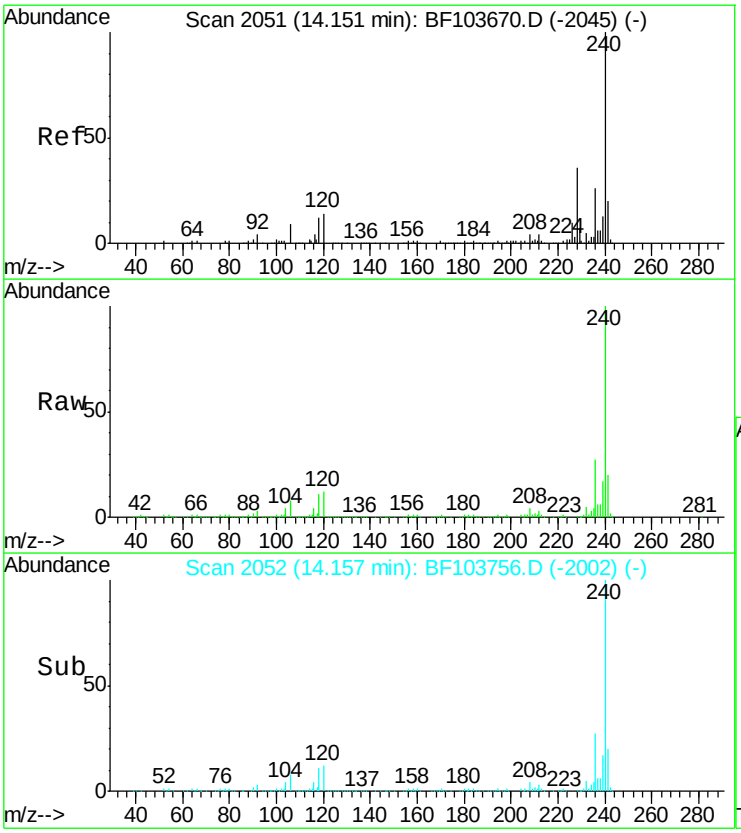
#69
Pentachlorophenol
Concen: 17.788 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tgt Ion:266 Resp: 70542

Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	62.7	49.5	74.3

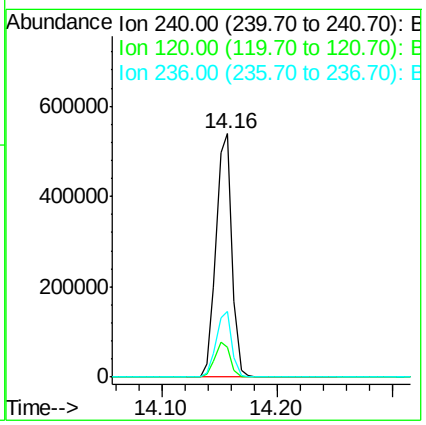


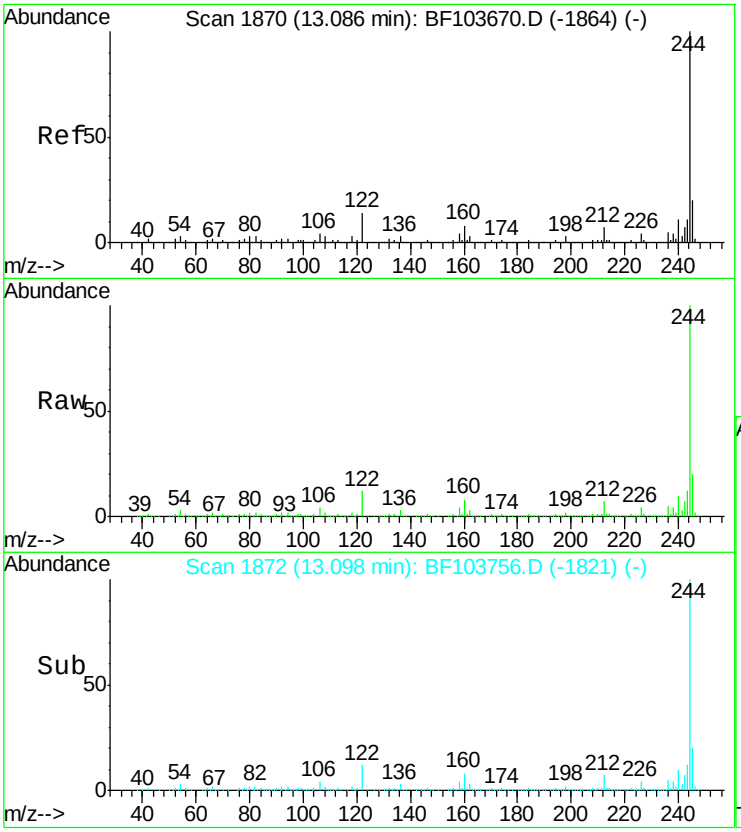


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:240 Resp: 516257

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.7	20.7	31.1



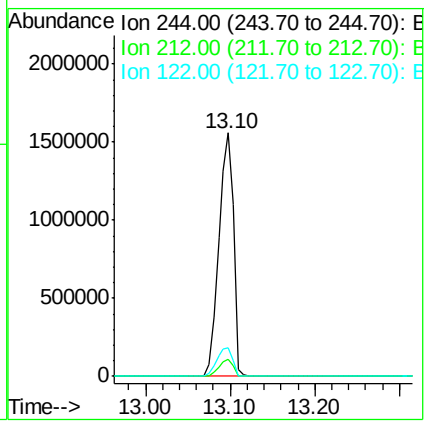


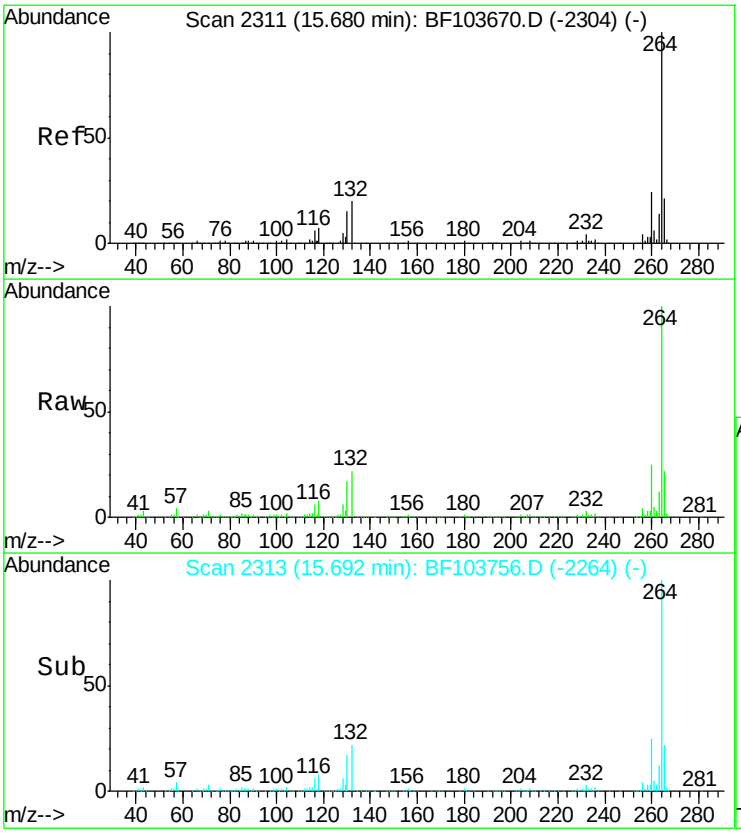
#78
Terphenyl-d14
Concen: 85.758 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tgt Ion:244 Resp: 1907377

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:264 Resp: 432539

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3