Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100178.D
Acq On : 4 Nov 2017 15:09
Operator : SJ/JU
Sample : I6313-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PET-BF010-01

Quant Time: Nov 06 01:21:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95313	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	403750	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	192536	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	342391	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	192067	20.00	ng	-0.01
86) Perylene-d12	15.40	264	161286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	570848	94.03	ng	0.00
7) Phenol-d6	6.42	99	684274	95.06	ng	-0.01
23) Nitrobenzene-d5	7.33	82	383821	61.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	168775	96.19	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	807071	64.67	ng	-0.01
78) Terphenyl-d14	12.87	244	687026	78.17	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.43	94	26408	3.341	ng	# 74
49) Dimethylphthalate	9.52	163	55687	3.652	ng	99

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

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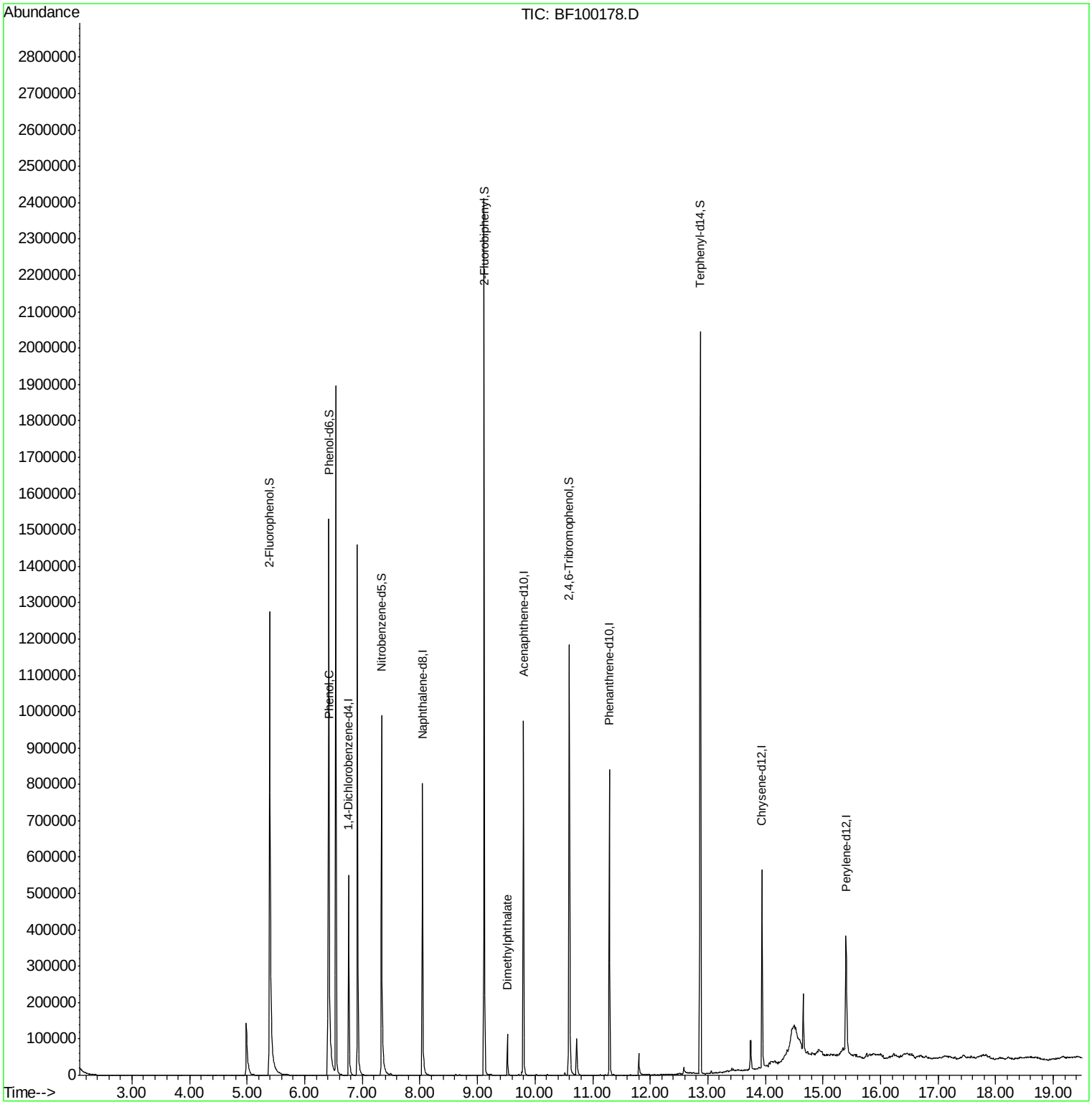
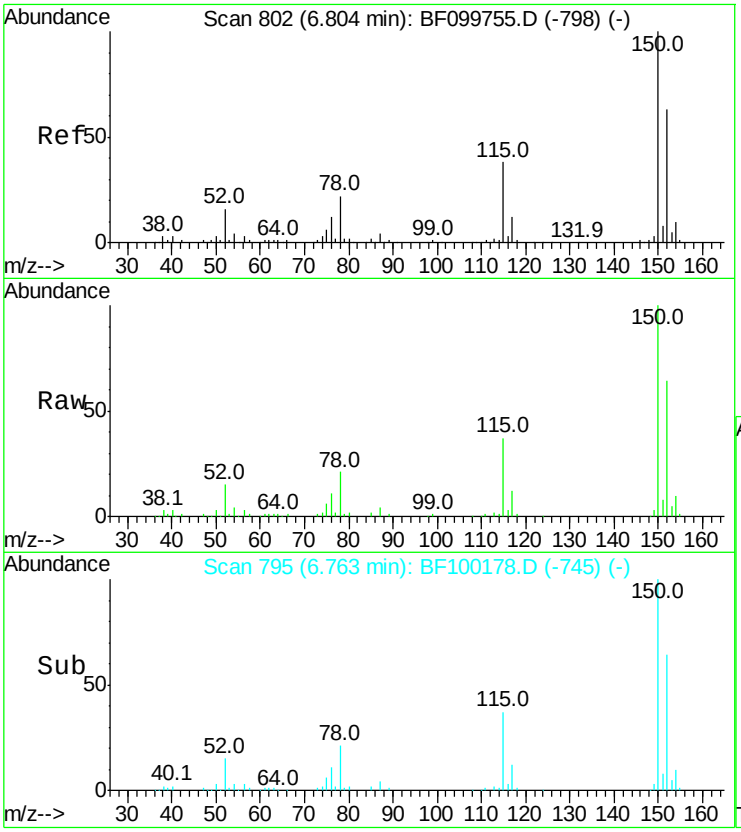


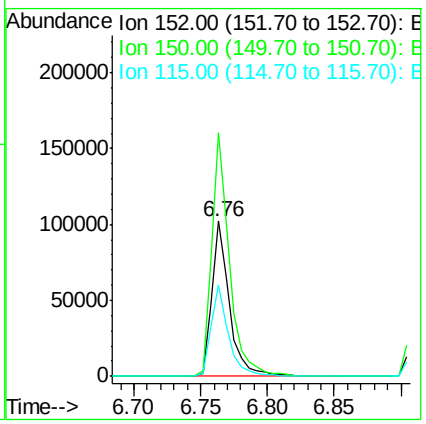


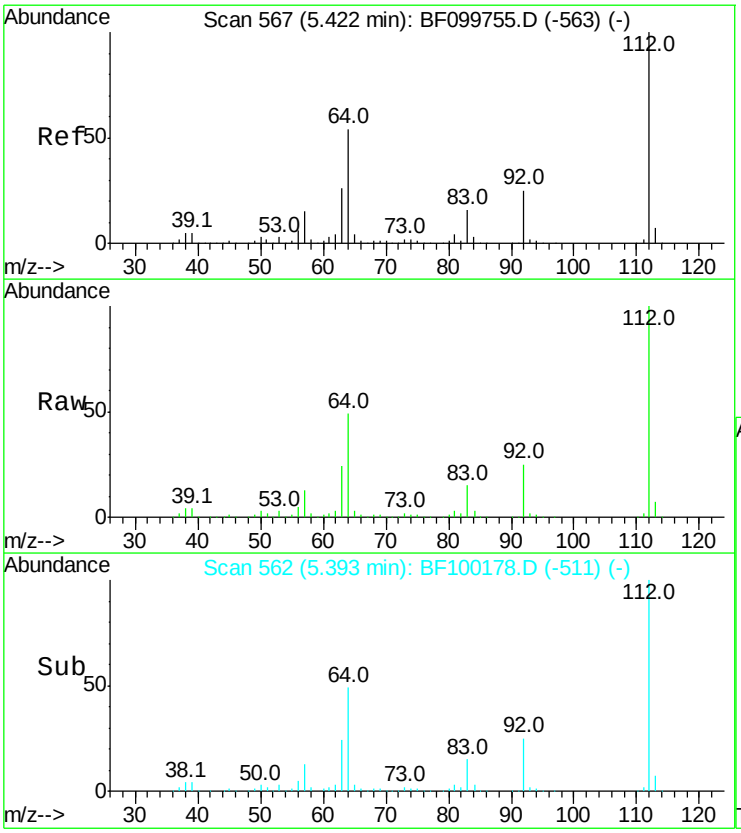
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01

Tgt Ion:152 Resp: 95313

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.6	50.1	75.1

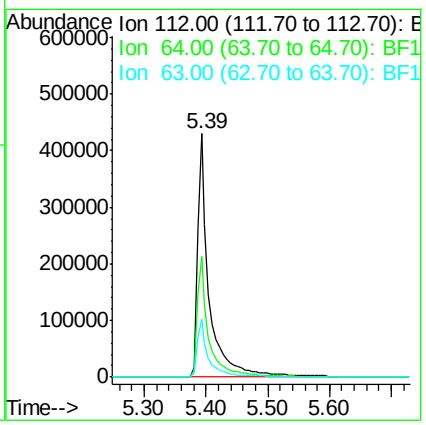


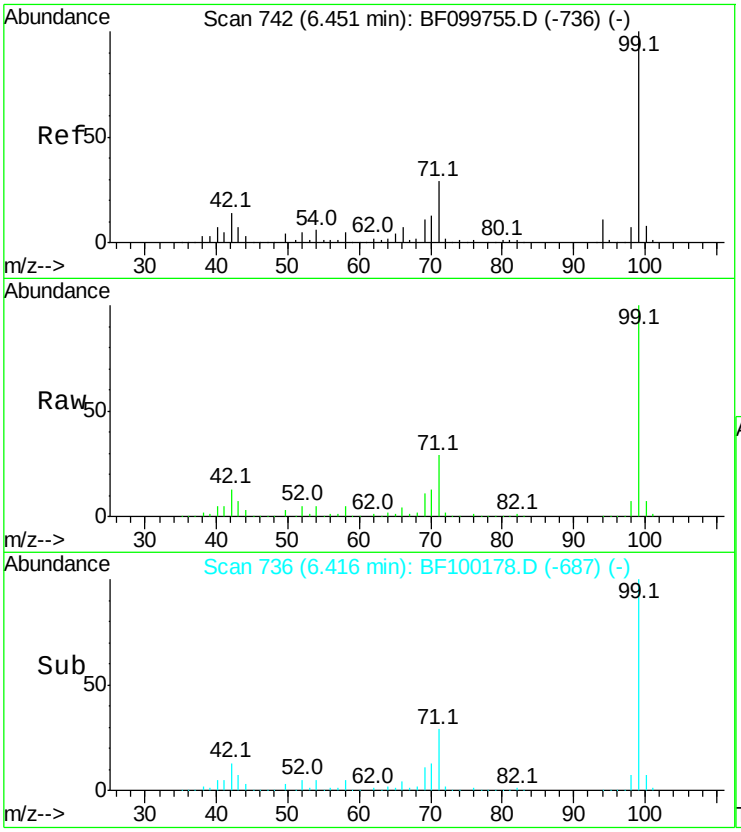


#5
2-Fluorophenol
Concen: 94.028 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:112 Resp: 570848

Ion	Ratio	Lower	Upper
112	100		
64	49.4	47.9	71.9
63	23.8	23.7	35.5



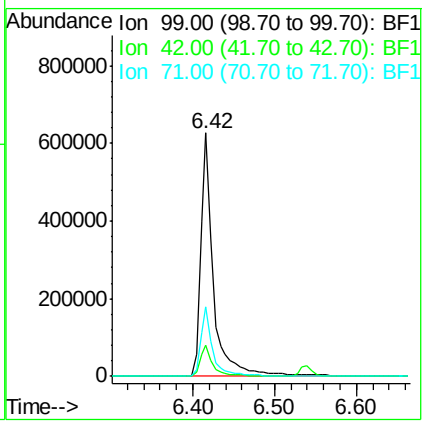


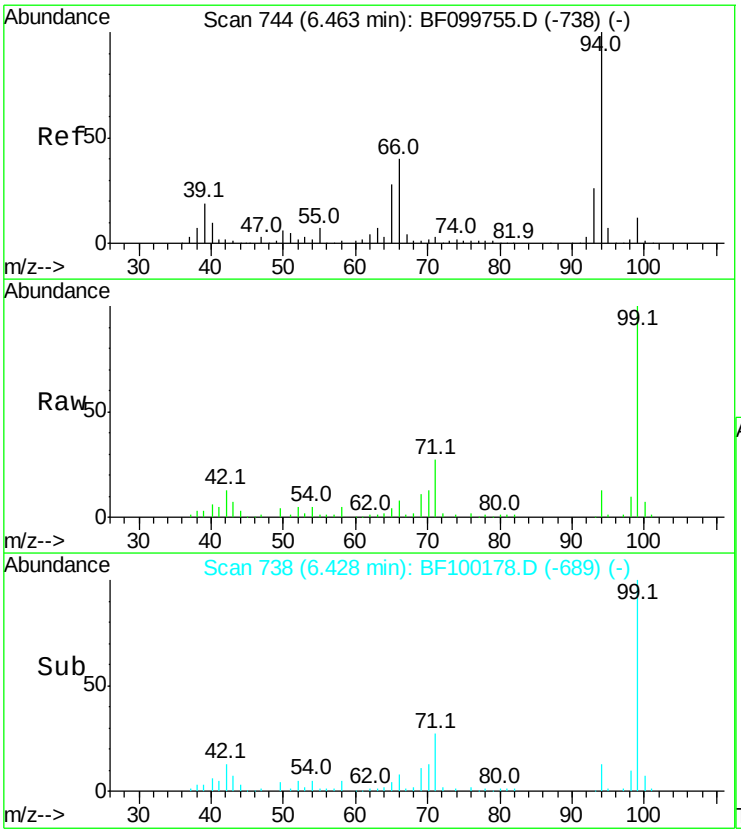
#7
Phenol-d6
Concen: 95.057 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01

Tgt Ion: 99 Resp: 684274

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.5	21.7#
71	28.7	25.4	38.0

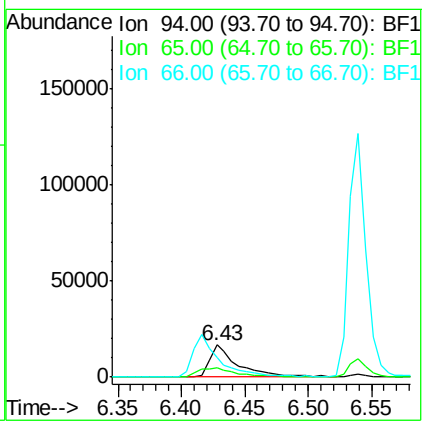


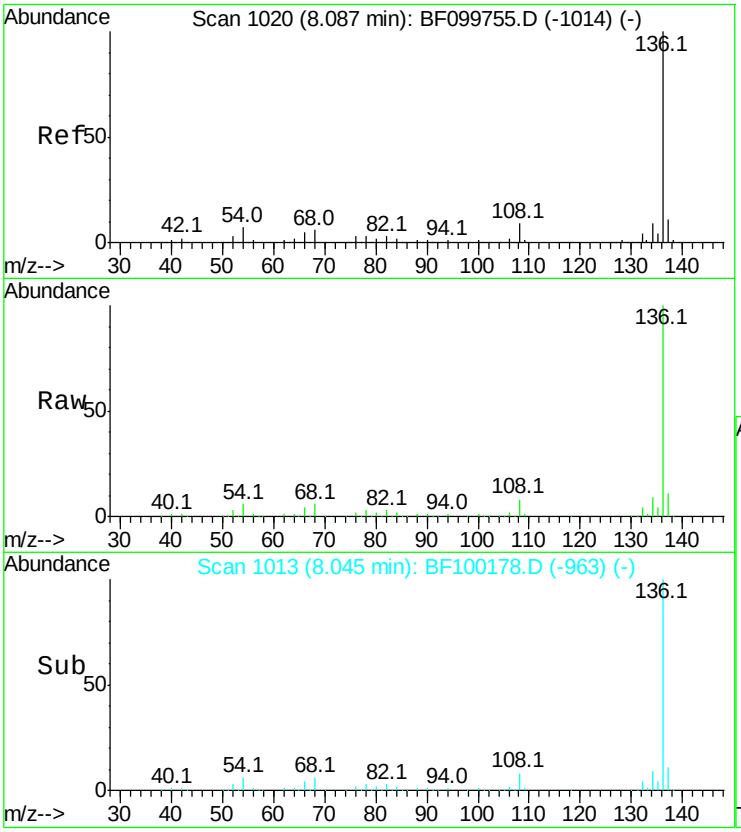


#10
Phenol
Concen: 3.341 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion: 94 Resp: 26408

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	61.0	16.2	56.2#



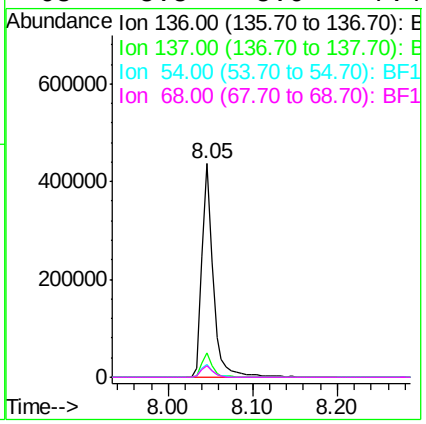


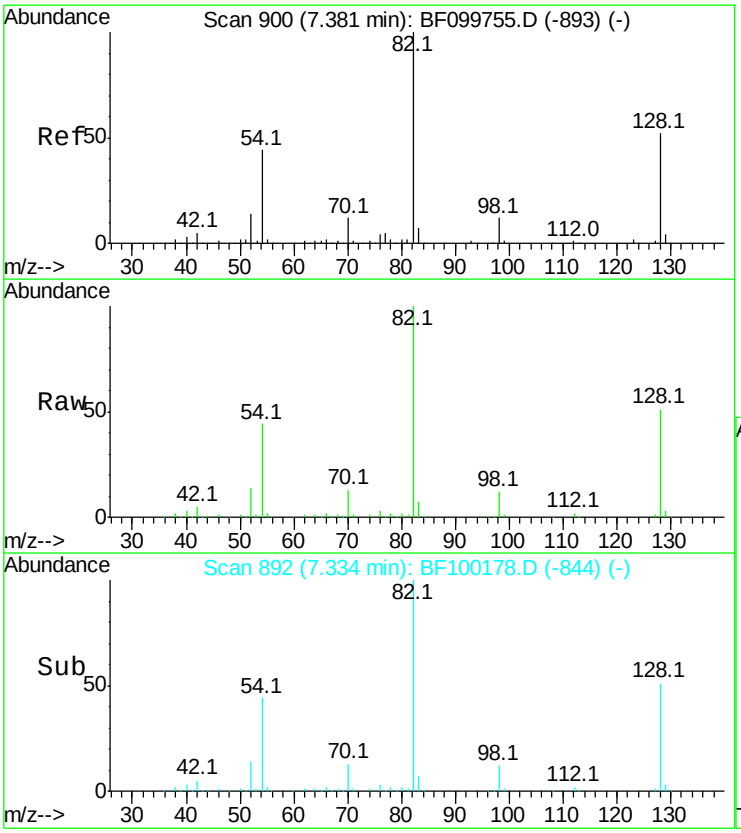
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01

Tgt Ion:136 Resp: 403750

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

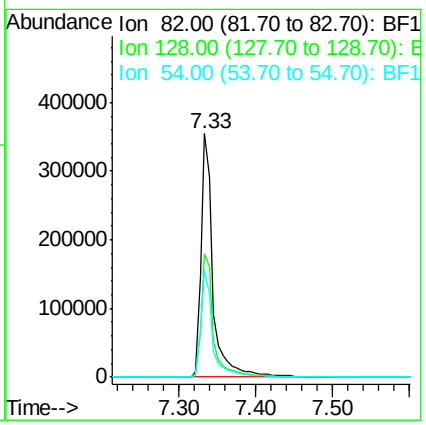


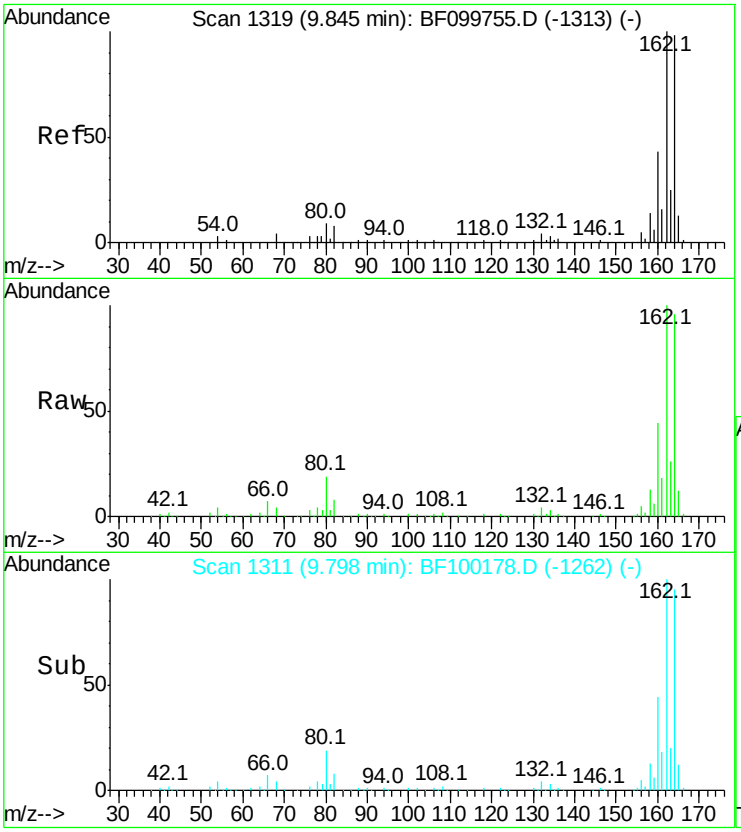


#23
Nitrobenzene-d5
Concen: 61.203 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion: 82 Resp: 383821

Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	43.9	41.4	62.2



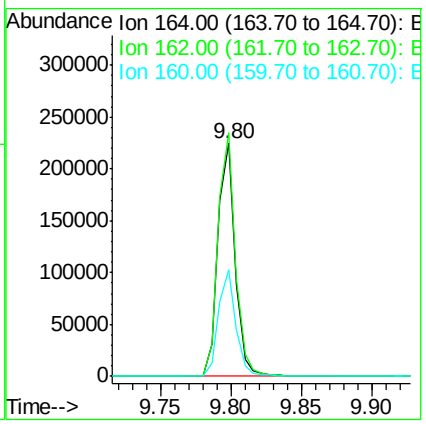


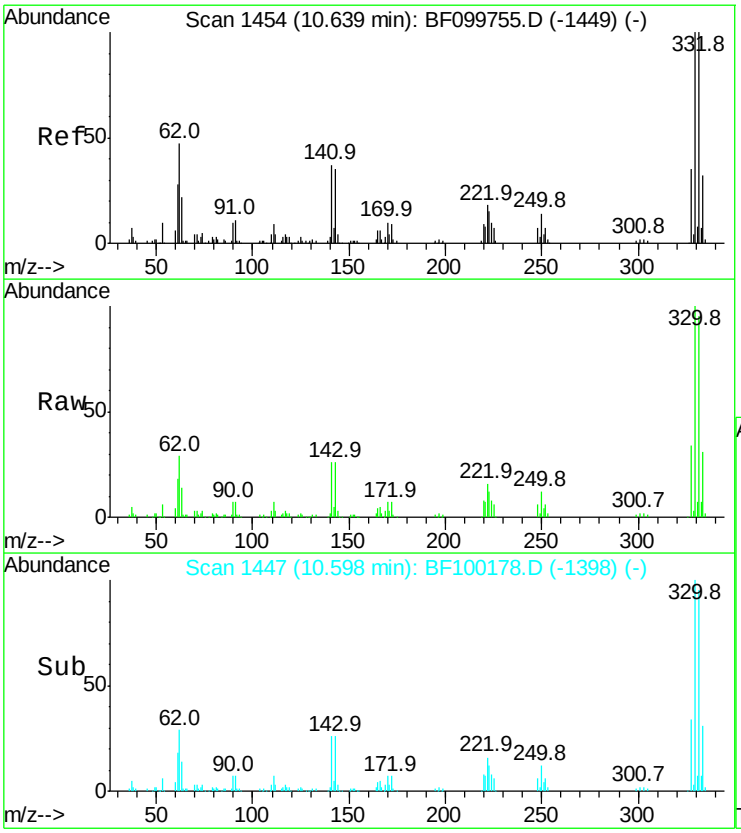
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01

Tgt Ion:164 Resp: 192536

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.6	38.3	57.5

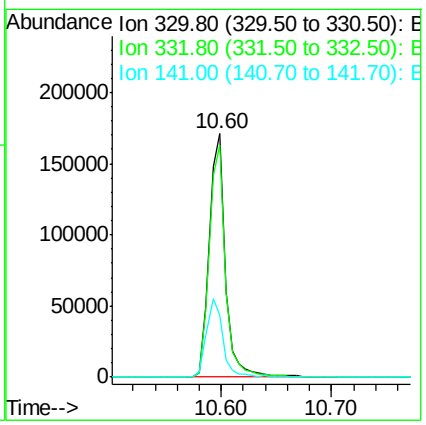


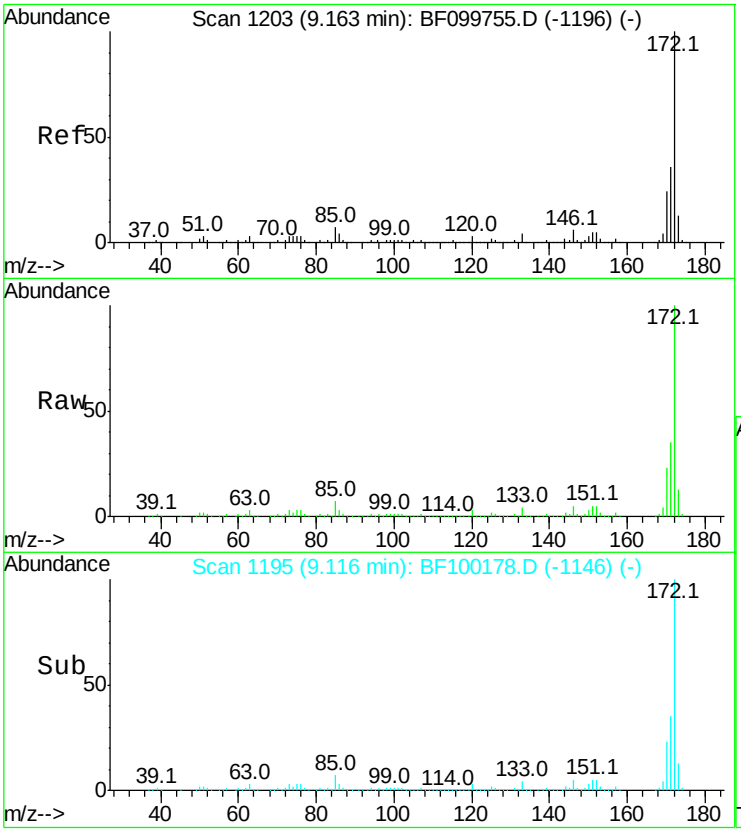


#41
2,4,6-Tribromophenol
Concen: 96.189 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:330 Resp: 168775

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.5	29.9	44.9



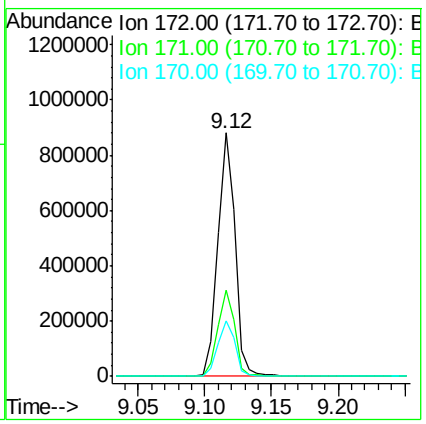


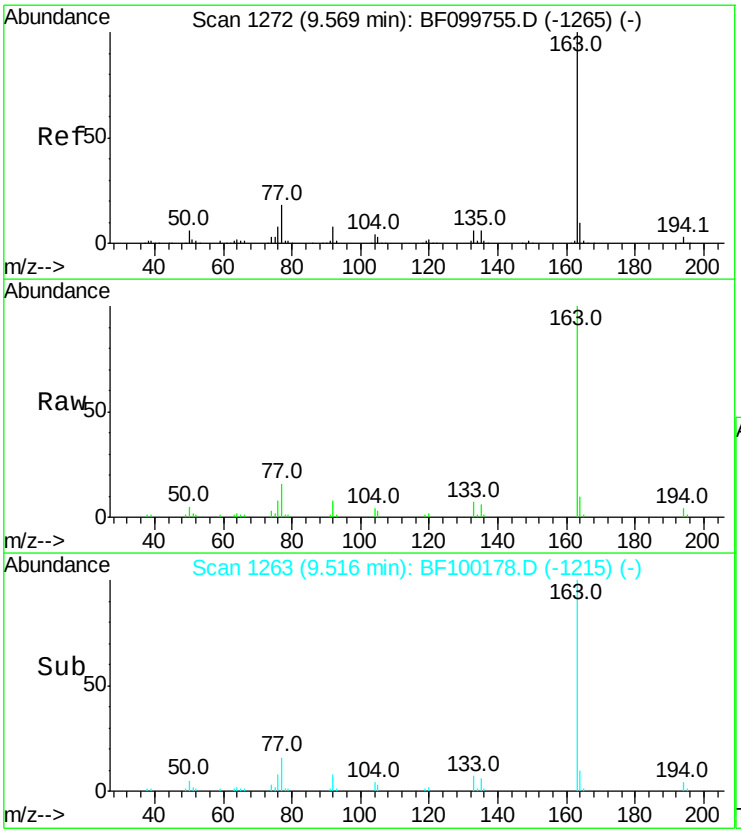
#44
2-Fluorobiphenyl
Concen: 64.673 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01

Tgt Ion:172 Resp: 807071

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.9	19.6	29.4

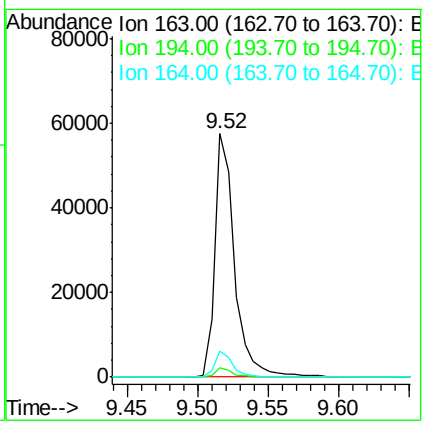


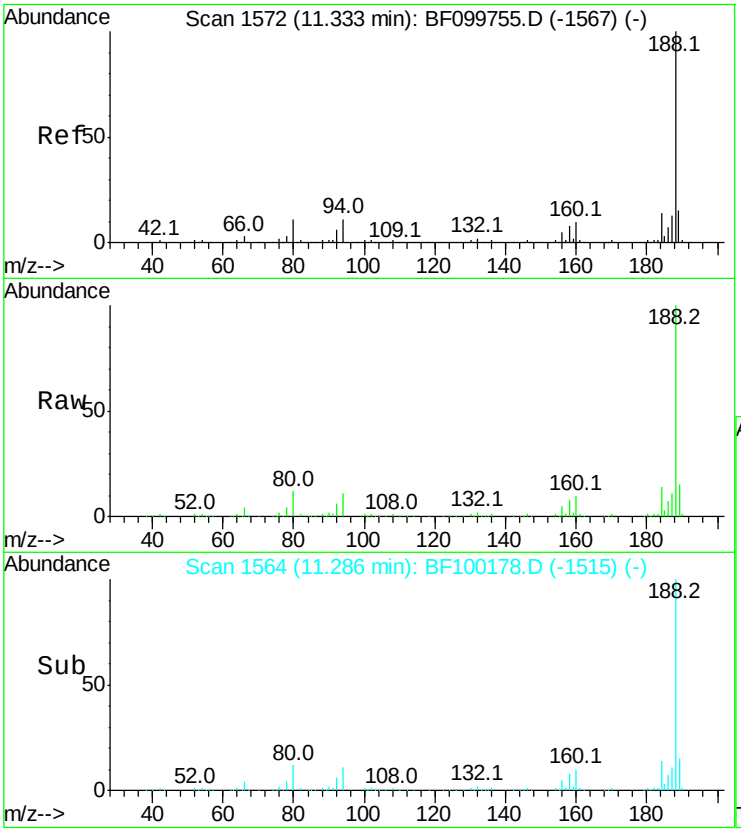


#49
Dimethylphthalate
Concen: 3.652 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:163 Resp: 55687

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2



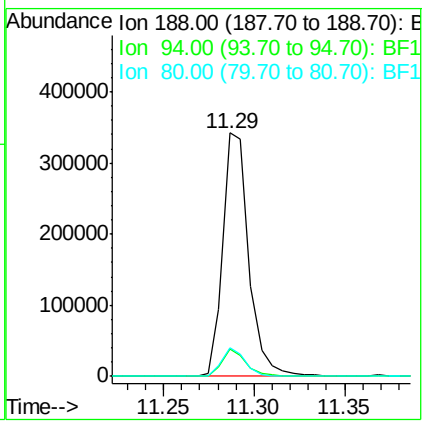


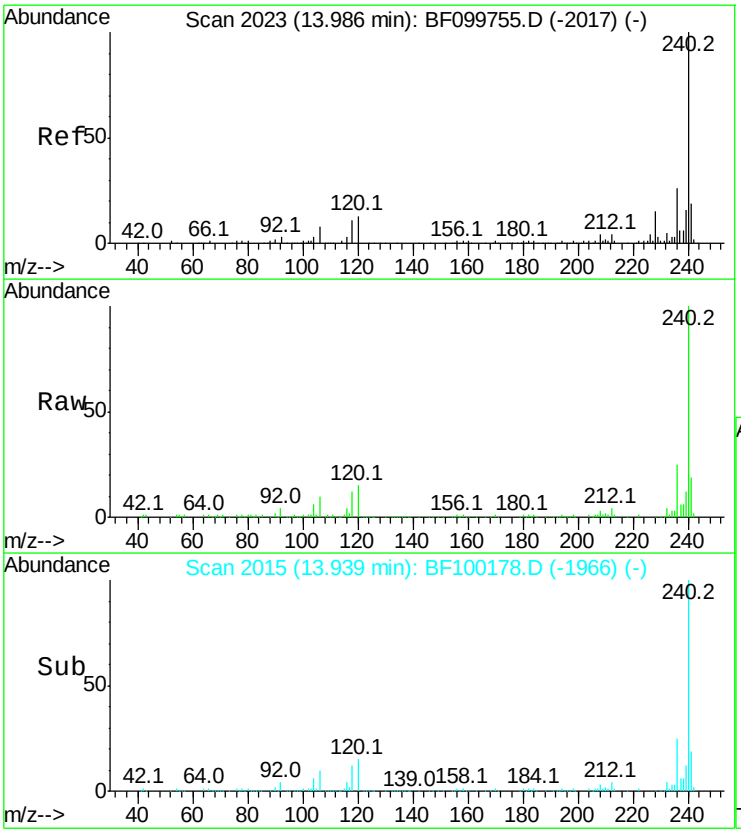
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01

Tgt Ion:188 Resp: 342391

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.5	9.2	13.8

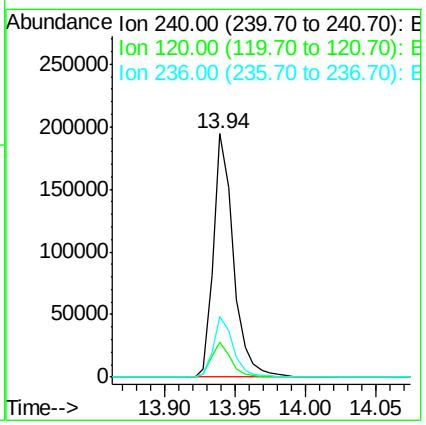


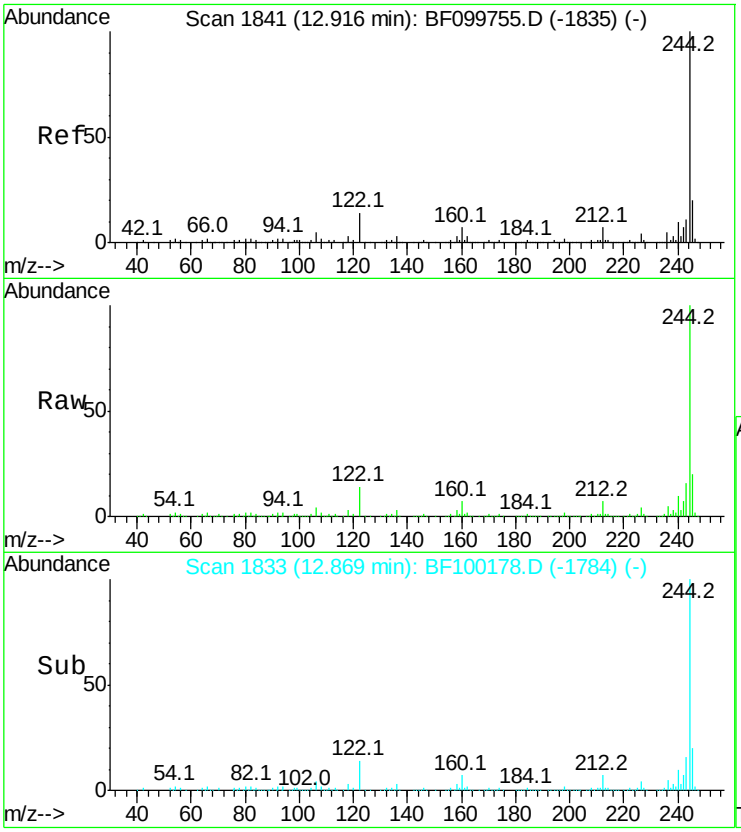


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:240 Resp: 192067

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.1	20.7	31.1



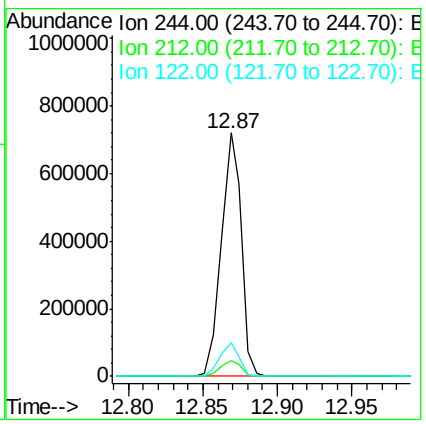


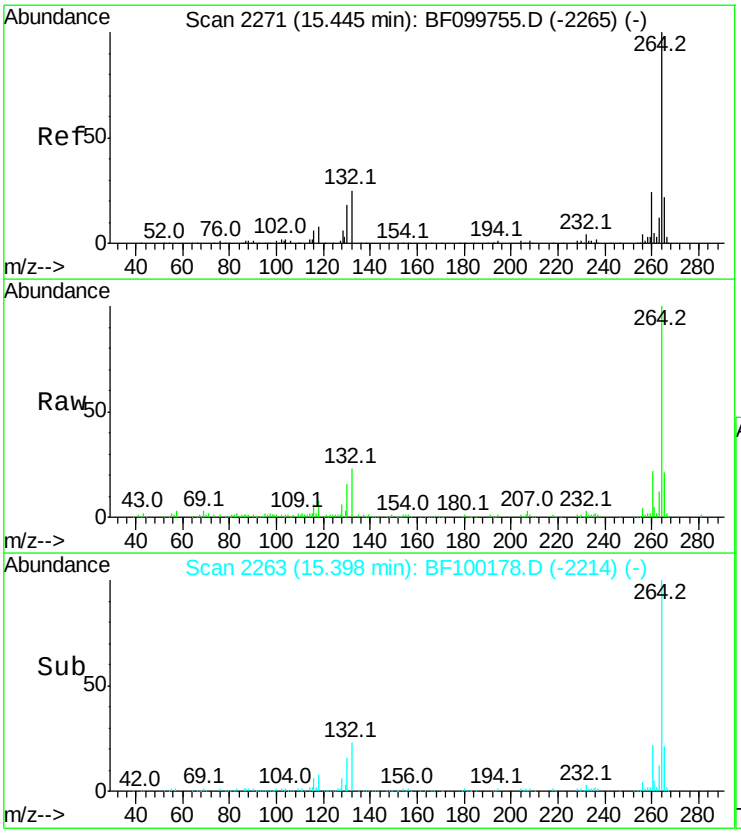
#78
Terphenyl-d14
Concen: 78.171 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01

Tgt Ion:244 Resp: 687026

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:264 Resp: 161286

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.8	17.5	26.3