Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100115.D
Acq On : 3 Nov 2017 5:54
Operator : SJ/JU
Sample : I6276-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Time: Nov 03 07:32:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	76918	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	262401	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	138071	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	231604	20.00	ng	0.00
75) Chrysene-d12	13.96	240	141020	20.00	ng	-0.02
86) Perylene-d12	15.41	264	131544	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	199156	40.65	ng	0.01
7) Phenol-d6	6.50	99	194429	33.47	ng	0.07
23) Nitrobenzene-d5	7.35	82	383288	94.04	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	99928	79.42	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	671544	75.04	ng	0.00
78) Terphenyl-d14	12.89	244	602075	93.30	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	18881	8.727	ng	# 81
49) Dimethylphthalate	9.53	163	42523	3.889	ng	99

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

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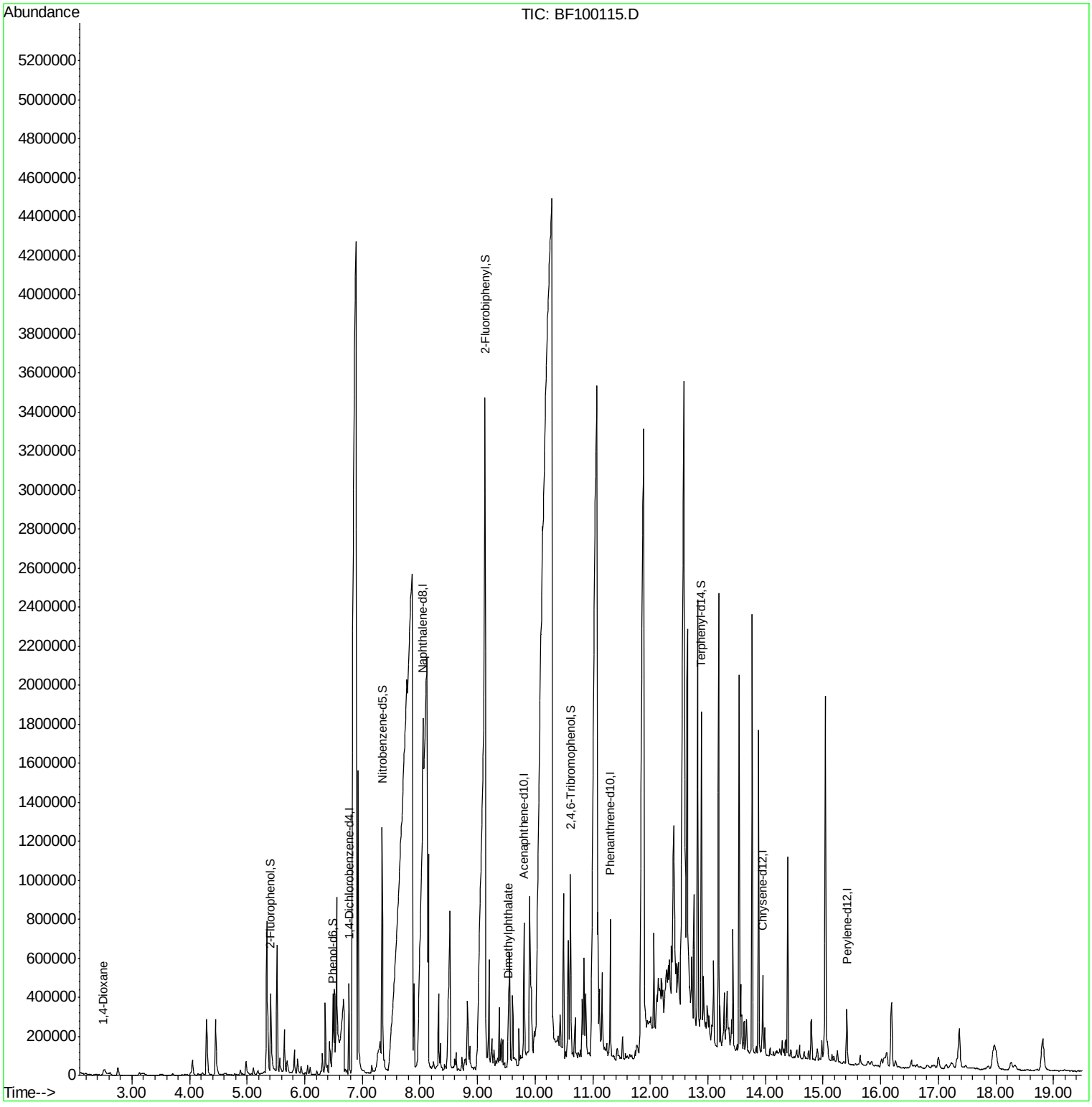
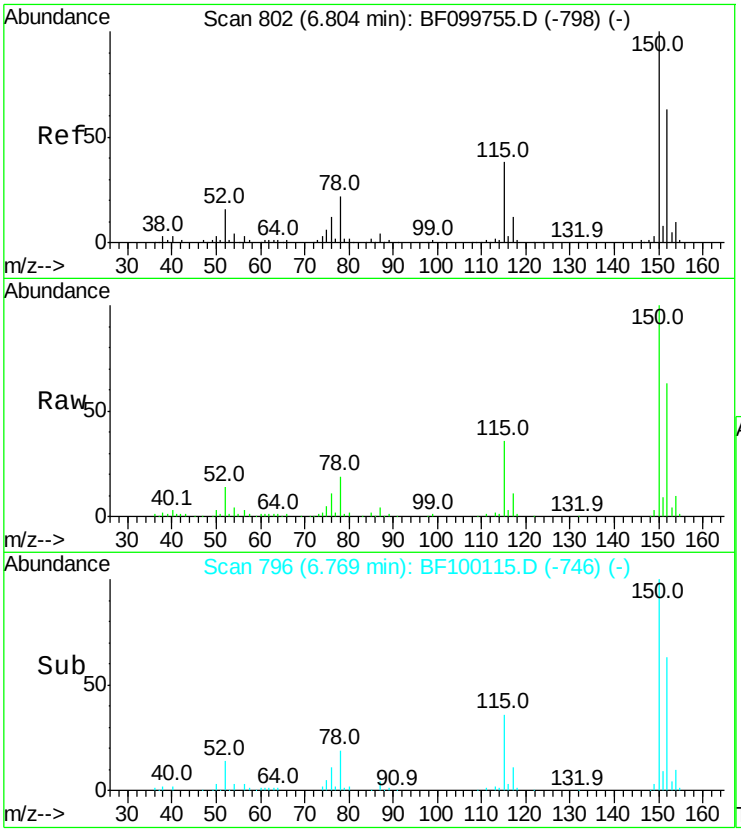


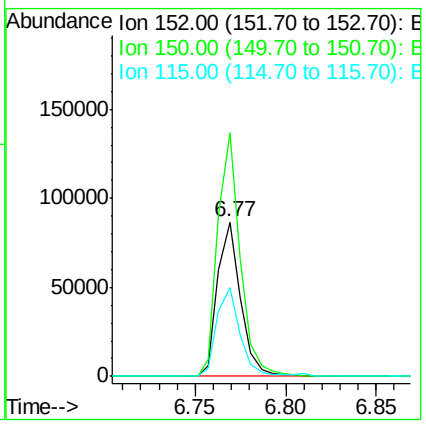


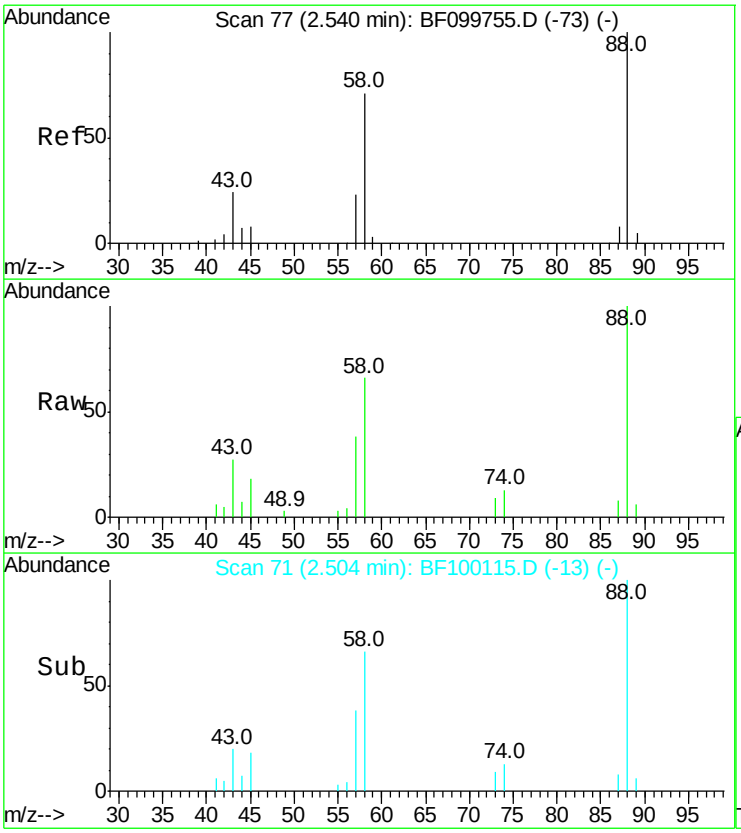
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 76918

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	57.3	50.1	75.1

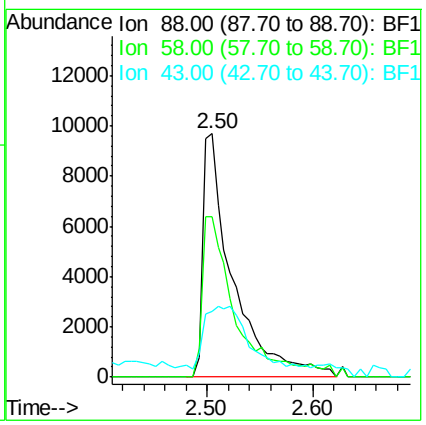


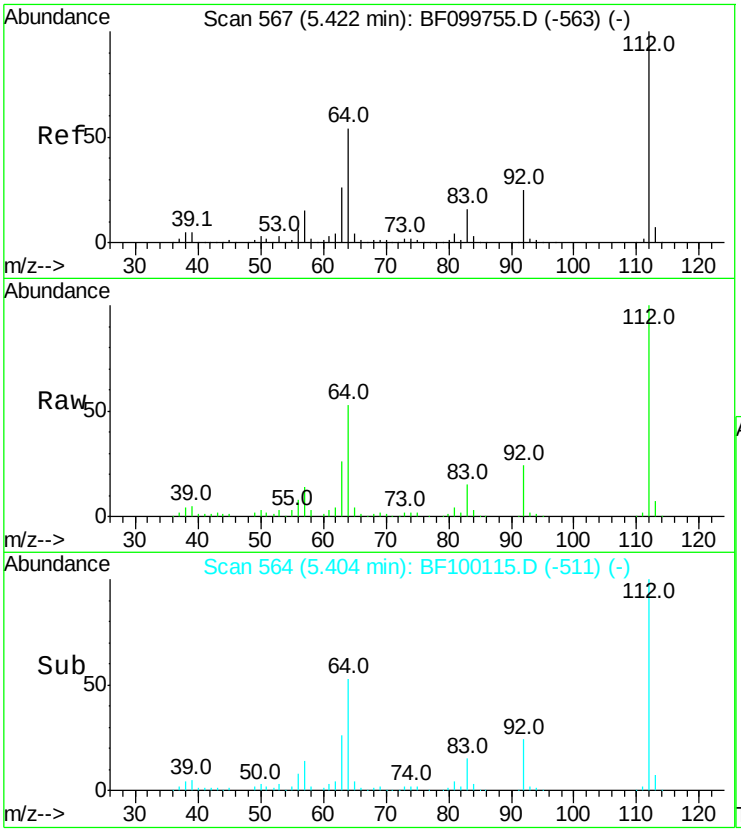


#2
1,4-Dioxane
Concen: 8.727 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.04 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion: 88 Resp: 18881

Ion	Ratio	Lower	Upper
88	100		
58	75.0	62.6	93.8
43	0.0	24.6	37.0#



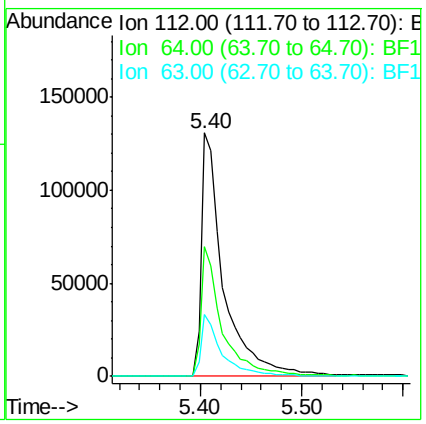


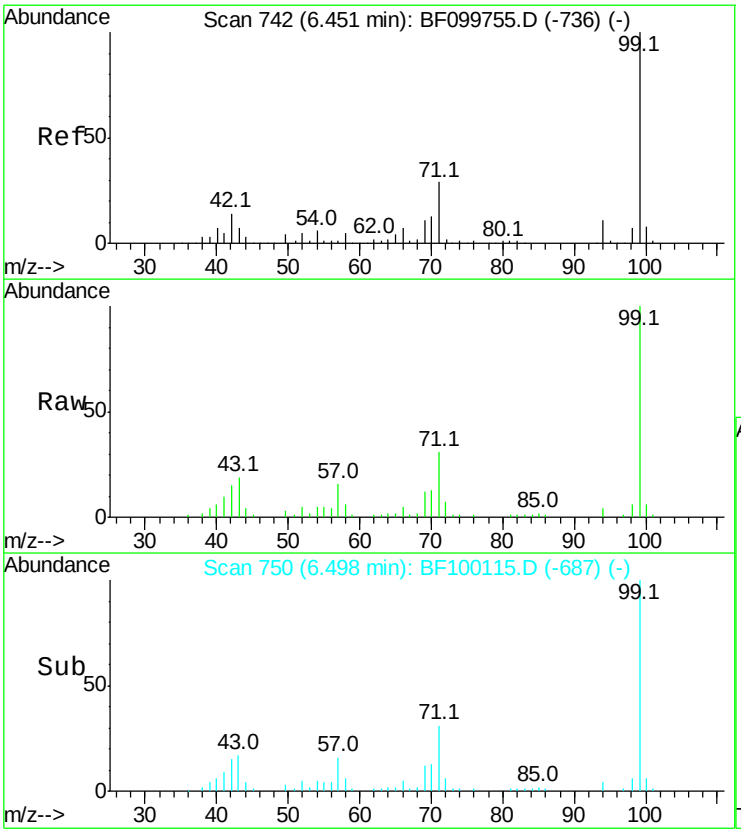
#5
2-Fluorophenol
Concen: 40.650 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:112 Resp: 199156

Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	25.6	23.7	35.5

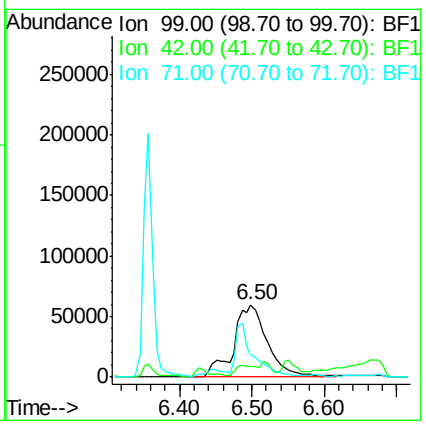


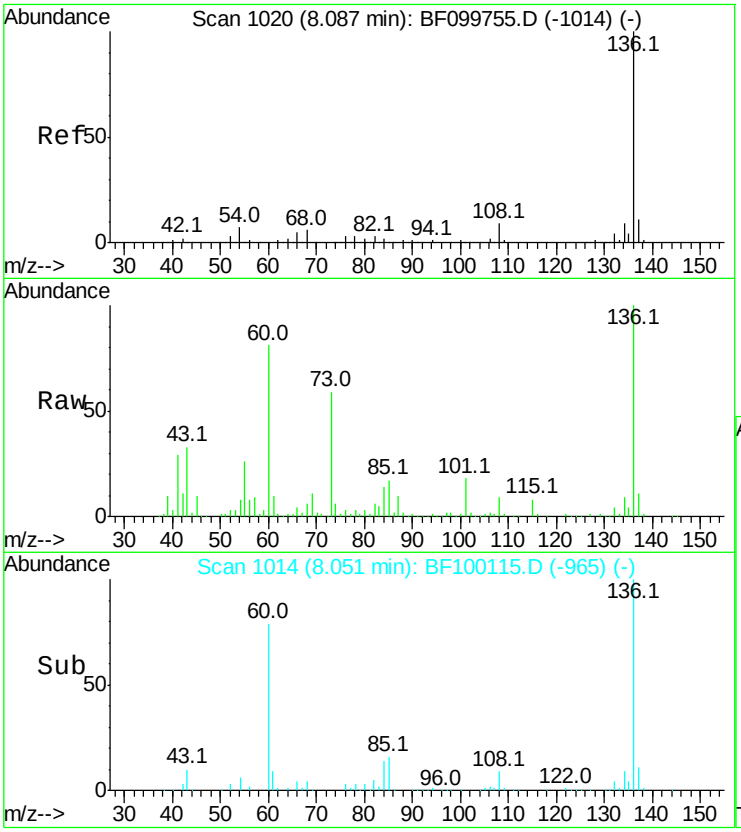


#7
Phenol-d6
Concen: 33.469 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.07 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion: 99 Resp: 194429

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	31.0	25.4	38.0



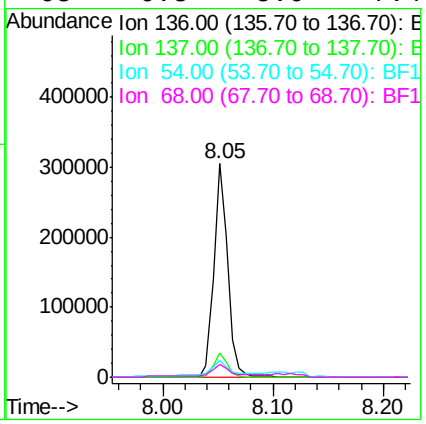


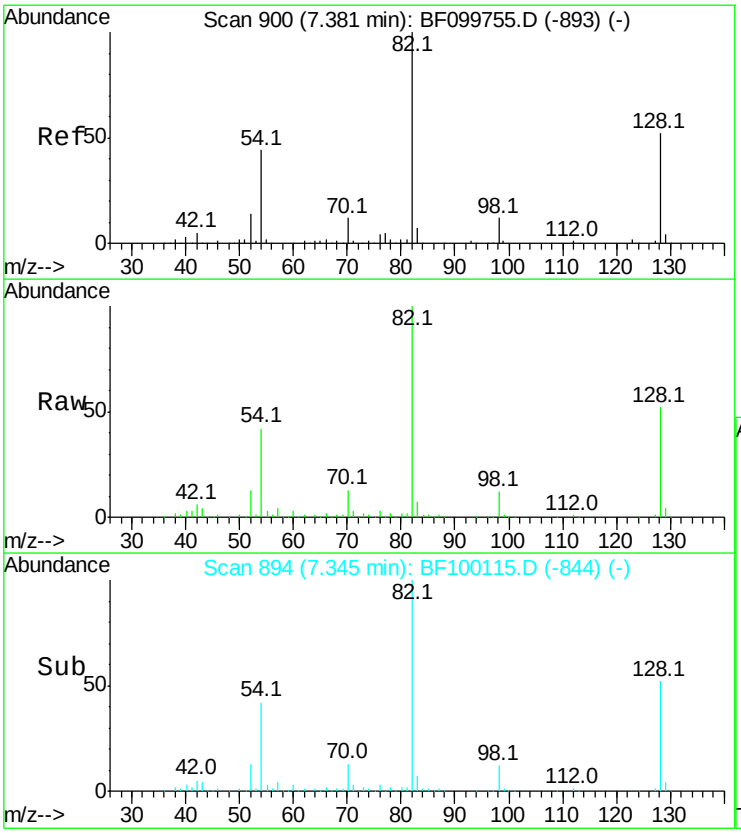
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 262401

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.9	6.6	9.8
68	6.3	5.0	7.4

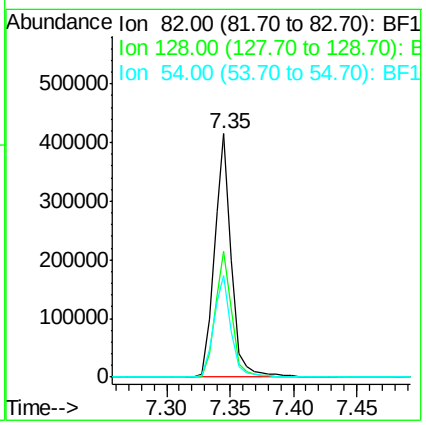


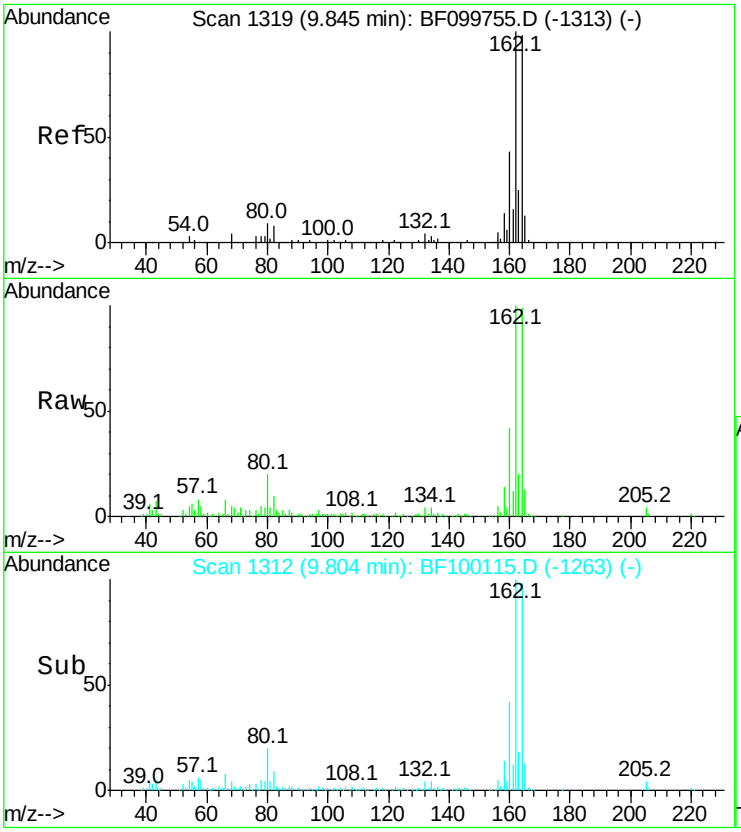


#23
Nitrobenzene-d5
Concen: 94.040 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion: 82 Resp: 383288

Ion	Ratio	Lower	Upper
82	100		
128	51.5	36.1	54.1
54	41.9	41.4	62.2



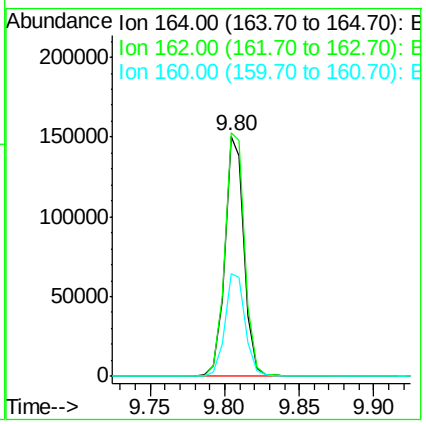


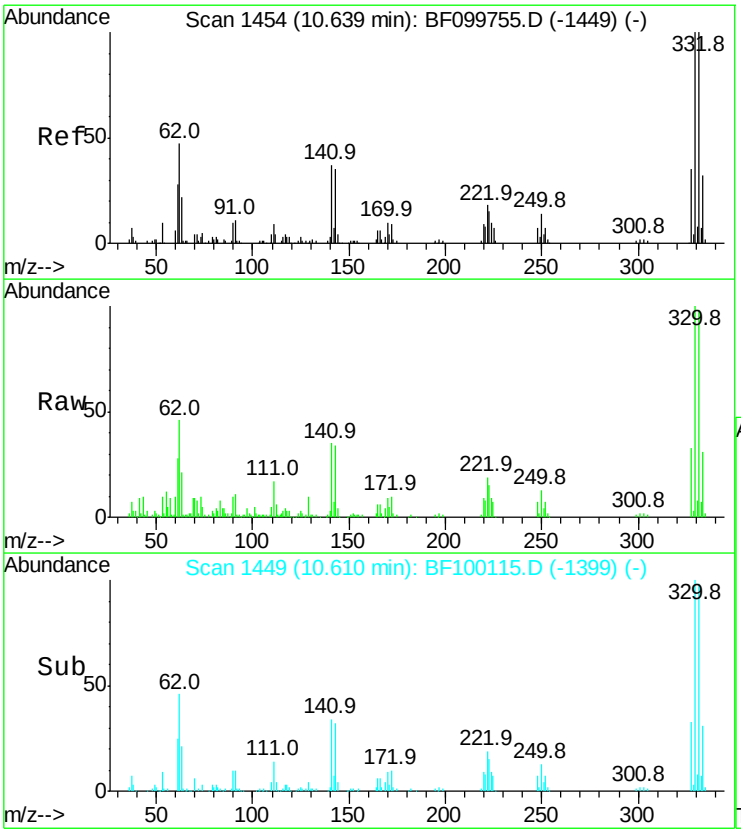
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:164 Resp: 138071

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	42.9	38.3	57.5

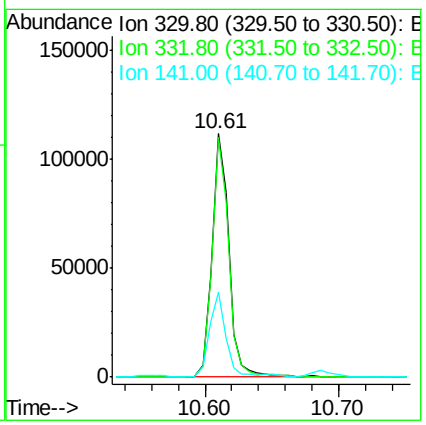


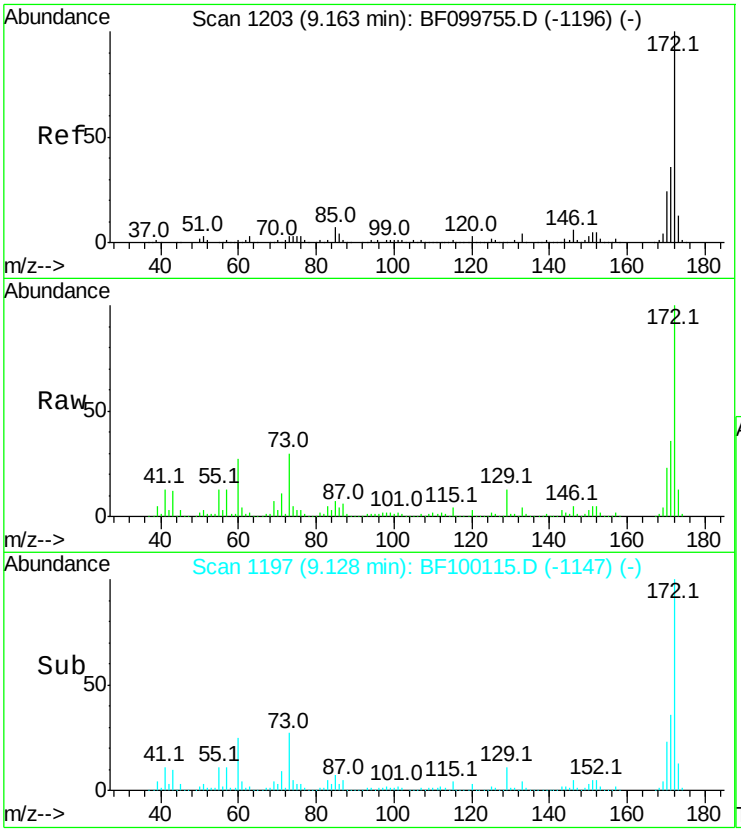


#41
2,4,6-Tribromophenol
Concen: 79.417 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:330 Resp: 99928

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	35.0	29.9	44.9



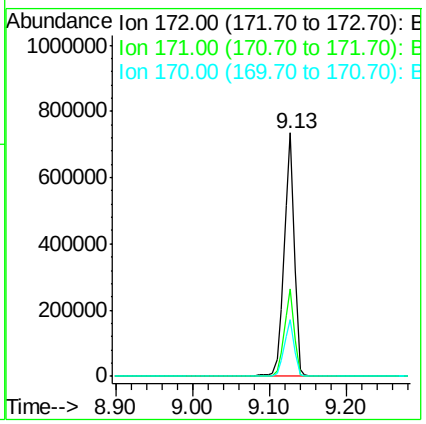


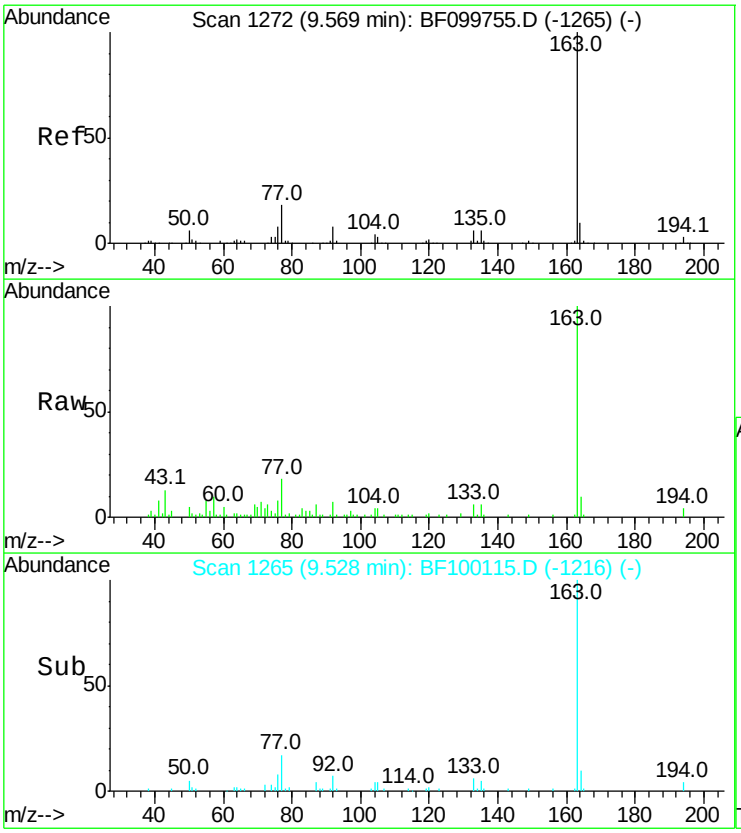
#44
2-Fluorobiphenyl
Concen: 75.040 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:172 Resp: 671544

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.2	19.6	29.4

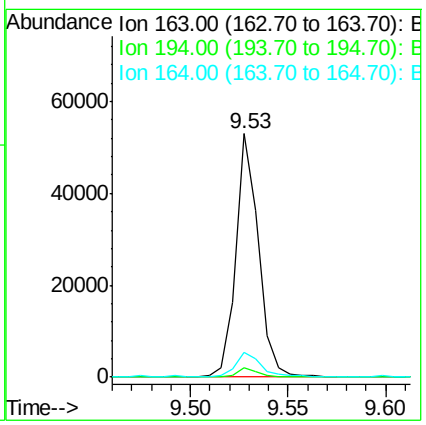


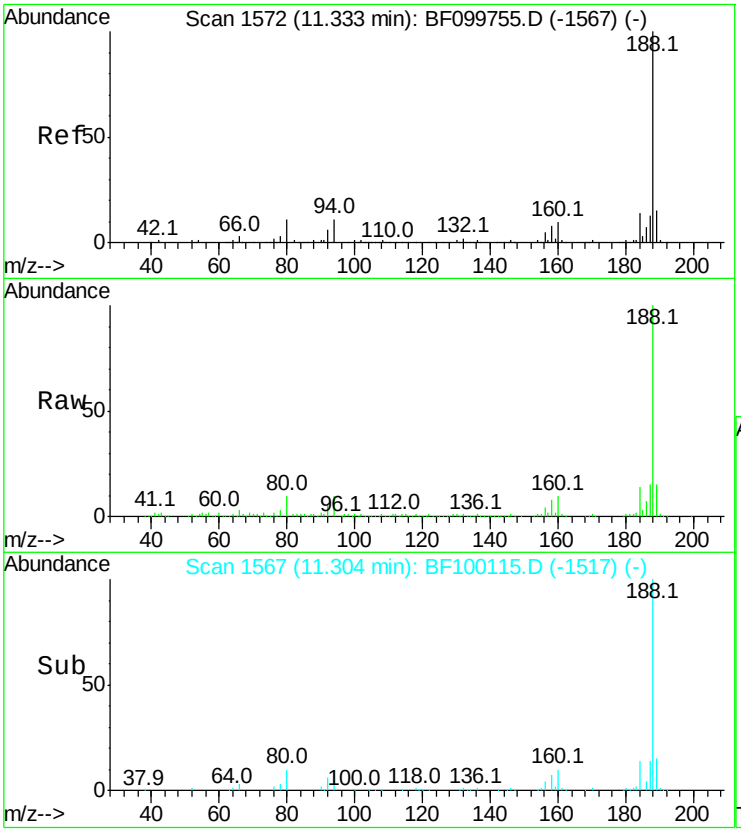


#49
Dimethylphthalate
Concen: 3.889 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:163 Resp: 42523

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.4	8.2	12.2



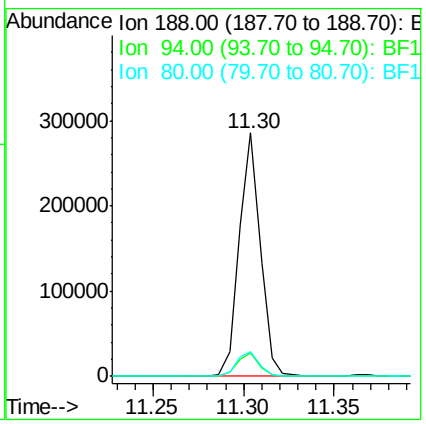


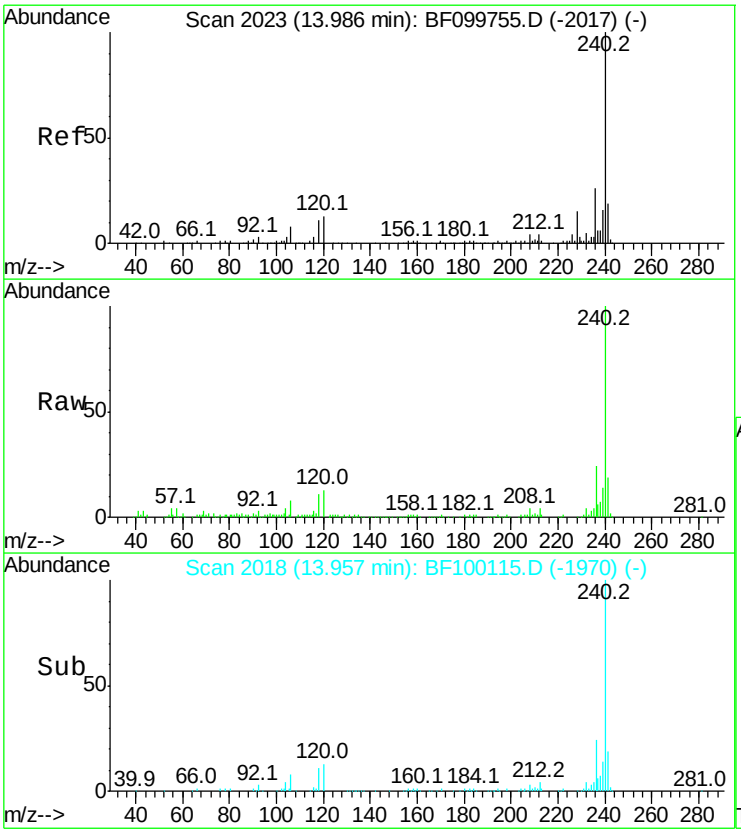
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:188 Resp: 231604

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.2	9.2	13.8

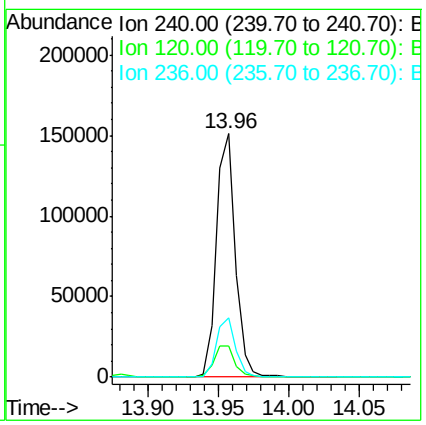


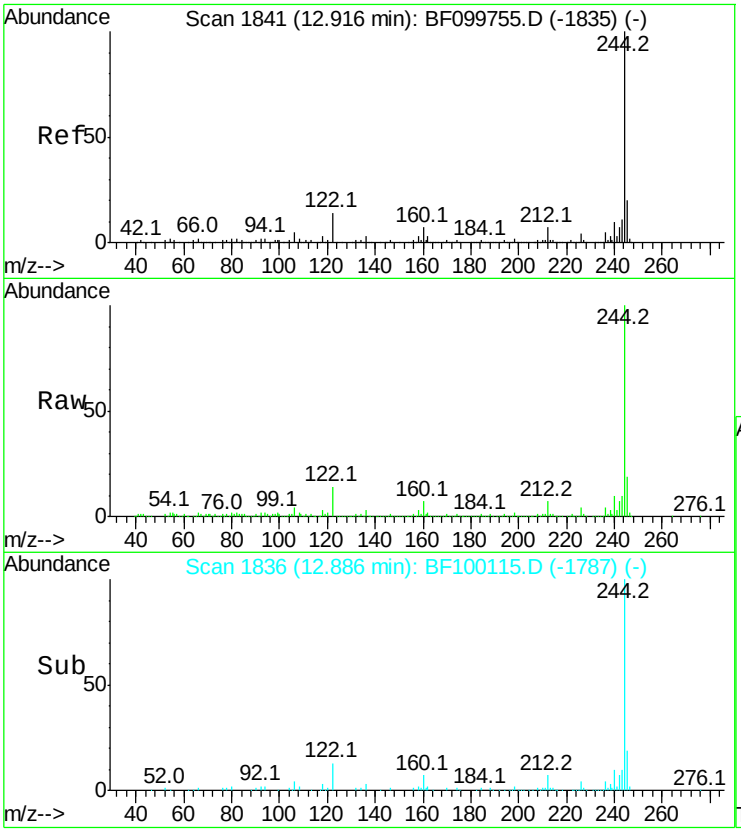


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:240 Resp: 141020

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	24.3	20.7	31.1



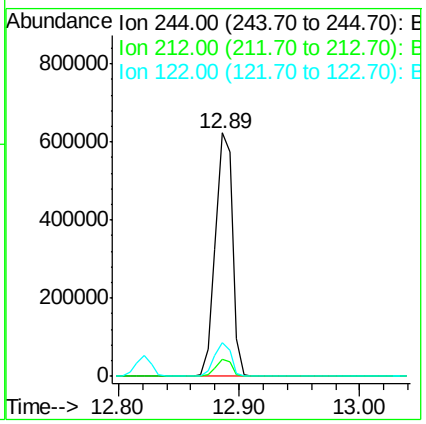


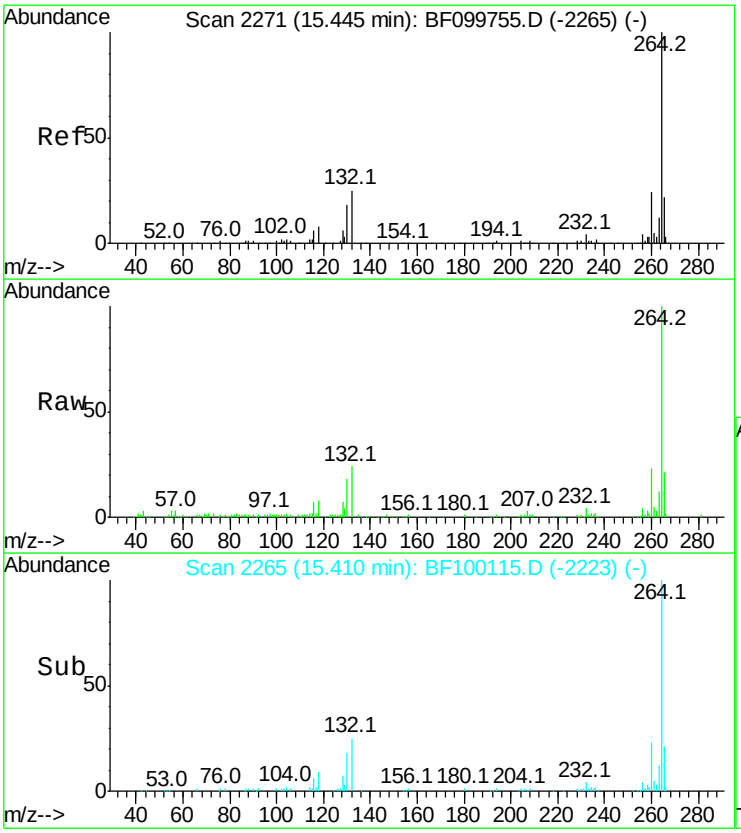
#78
Terphenyl-d14
Concen: 93.303 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:244 Resp: 602075

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:264 Resp: 131544

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3