Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100264.D
Acq On : 6 Nov 2017 21:21
Operator : SJ/JU
Sample : I6339-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM

Quant Time: Nov 07 01:46:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95207	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	390166	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	182967	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	332420	20.00	ng	0.00
75) Chrysene-d12	13.94	240	181289	20.00	ng	0.00
86) Perylene-d12	15.41	264	147484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	712235	117.45	ng	0.02
7) Phenol-d6	6.42	99	781482	108.68	ng	0.00
23) Nitrobenzene-d5	7.33	82	520327	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	215049	128.97	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1051505	88.67	ng	0.00
78) Terphenyl-d14	12.87	244	878604	105.91	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.06	128	545323	28.955	ng	99
37) 2-Methylnaphthalene	8.76	142	35577	2.819	ng	91

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

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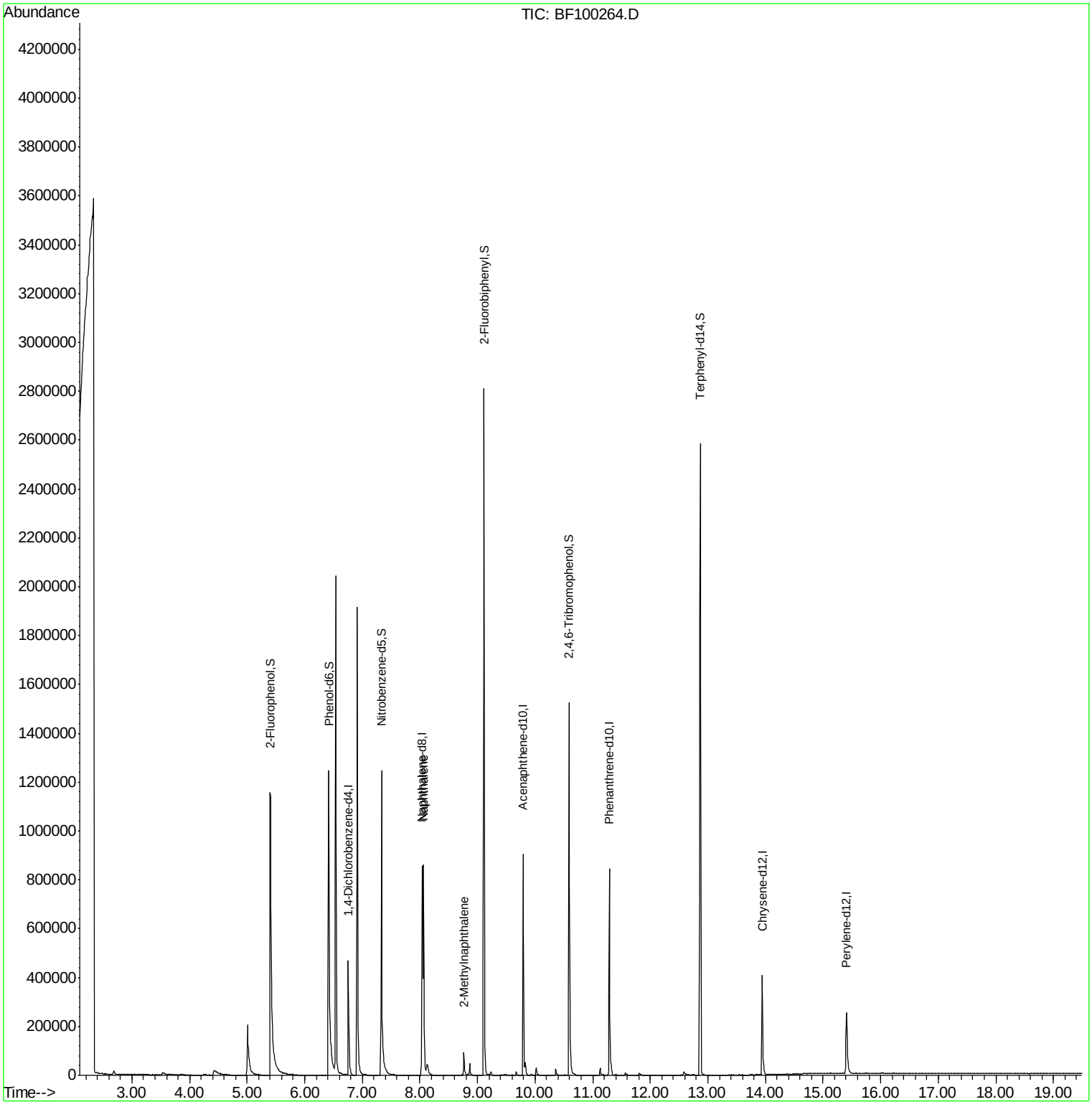
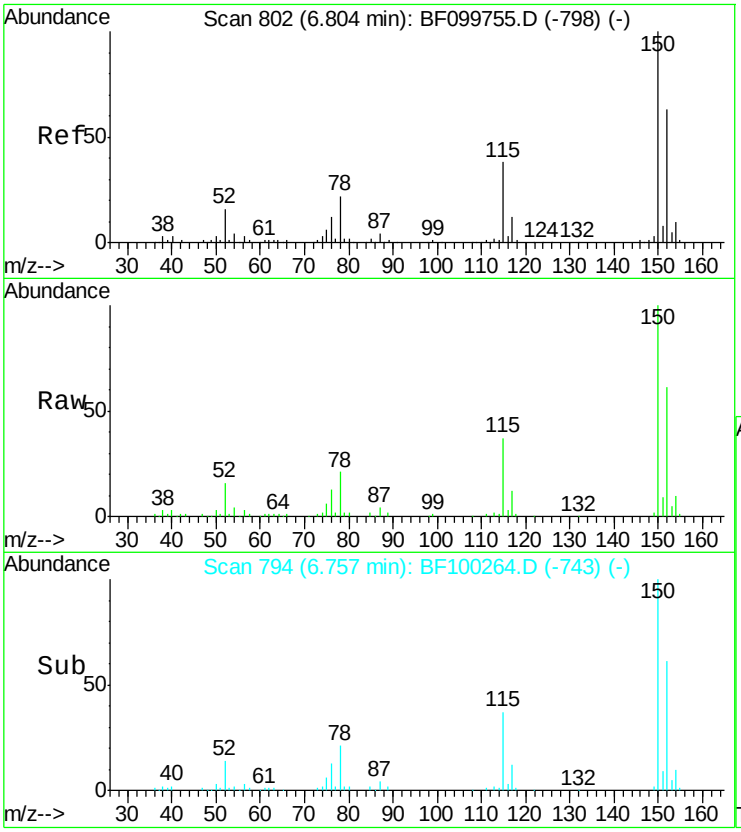


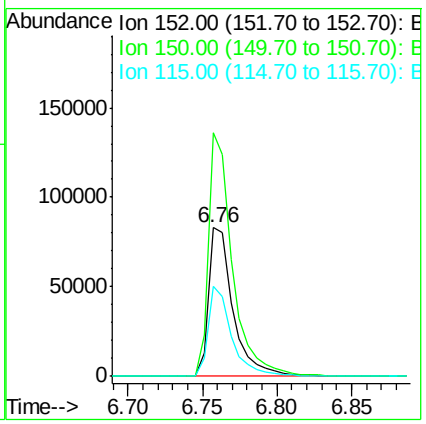


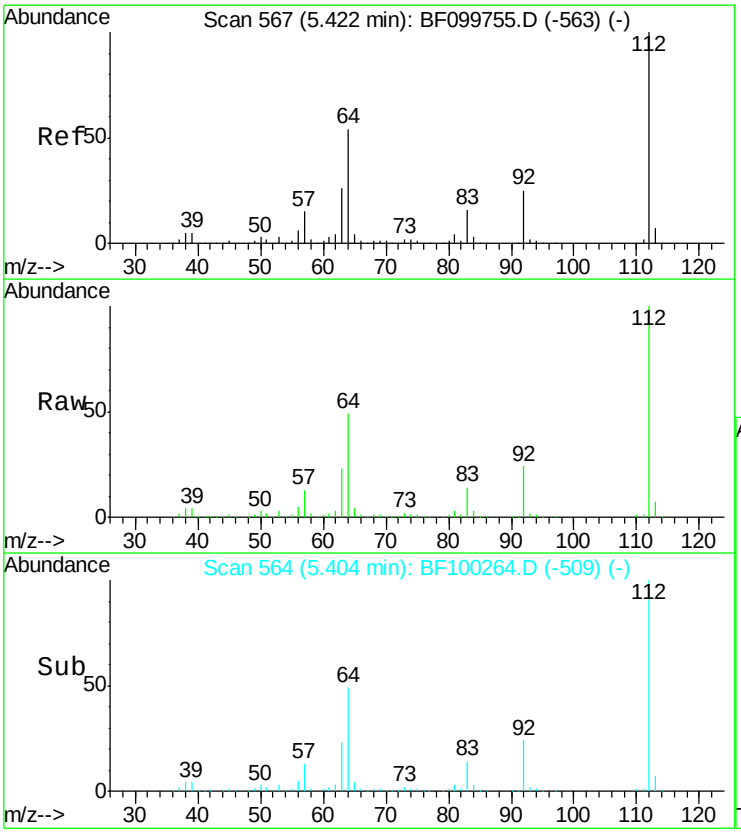
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
DRUM

Tgt Ion:152 Resp: 95207

Ion	Ratio	Lower	Upper
152	100		
150	163.7	124.6	186.8
115	60.7	50.1	75.1

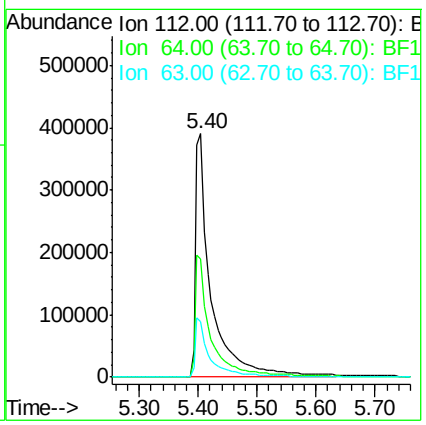


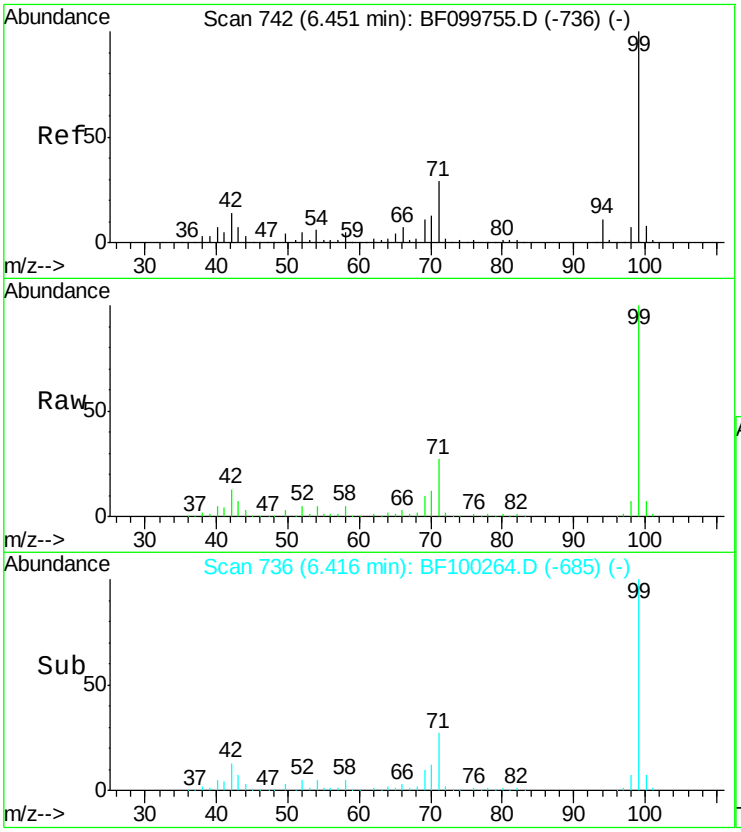


#5
2-Fluorophenol
Concen: 117.448 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:112 Resp: 712235

Ion	Ratio	Lower	Upper
112	100		
64	48.6	47.9	71.9
63	22.7	23.7	35.5#



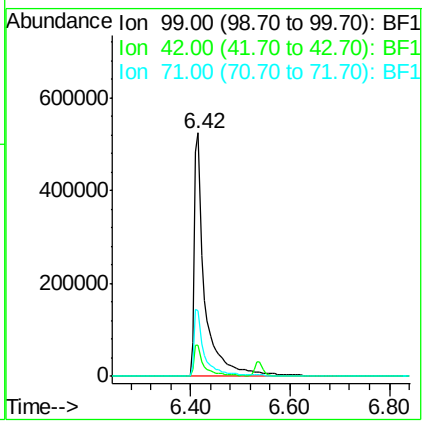


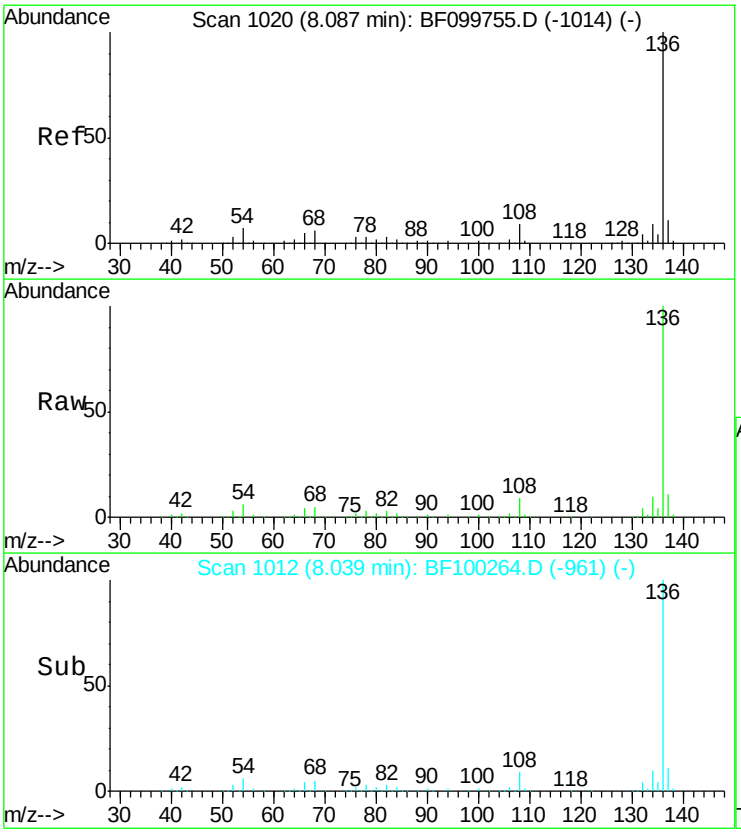
#7
Phenol-d6
Concen: 108.682 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
DRUM

Tgt Ion: 99 Resp: 781482

Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.5	21.7#
71	27.0	25.4	38.0

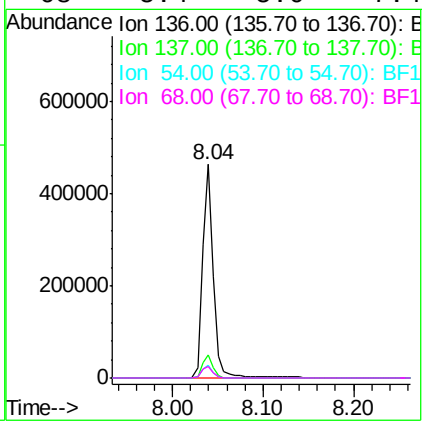


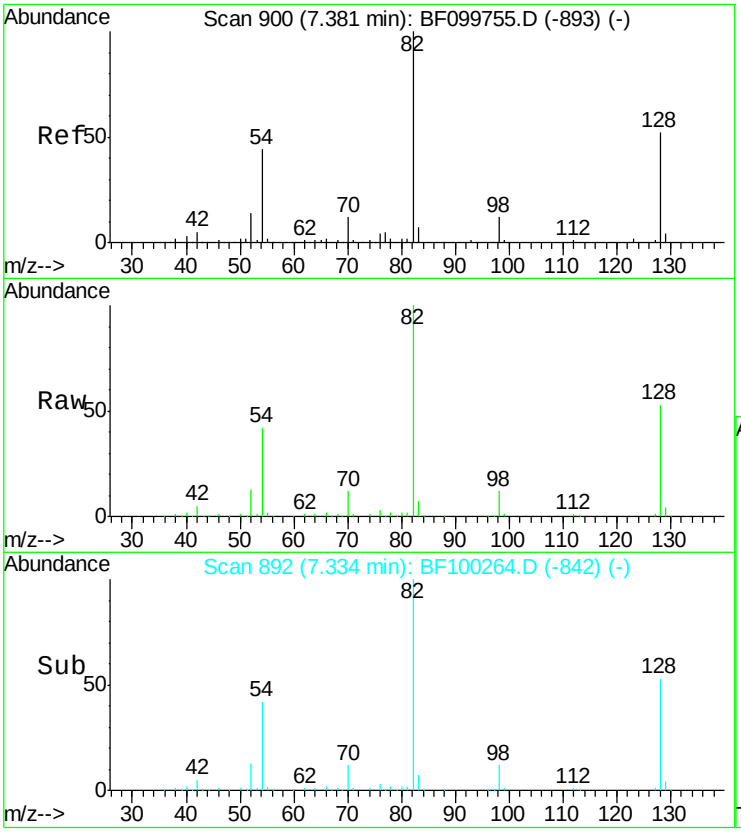


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:136 Resp: 390166

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.9	6.6	9.8#
68	5.4	5.0	7.4



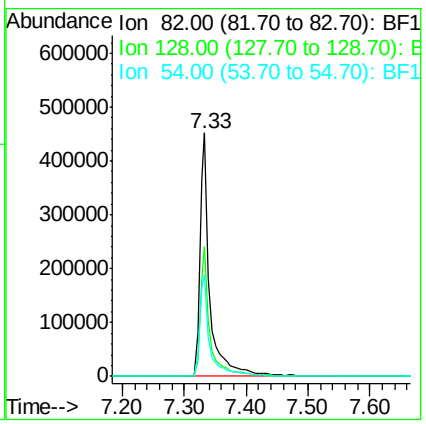


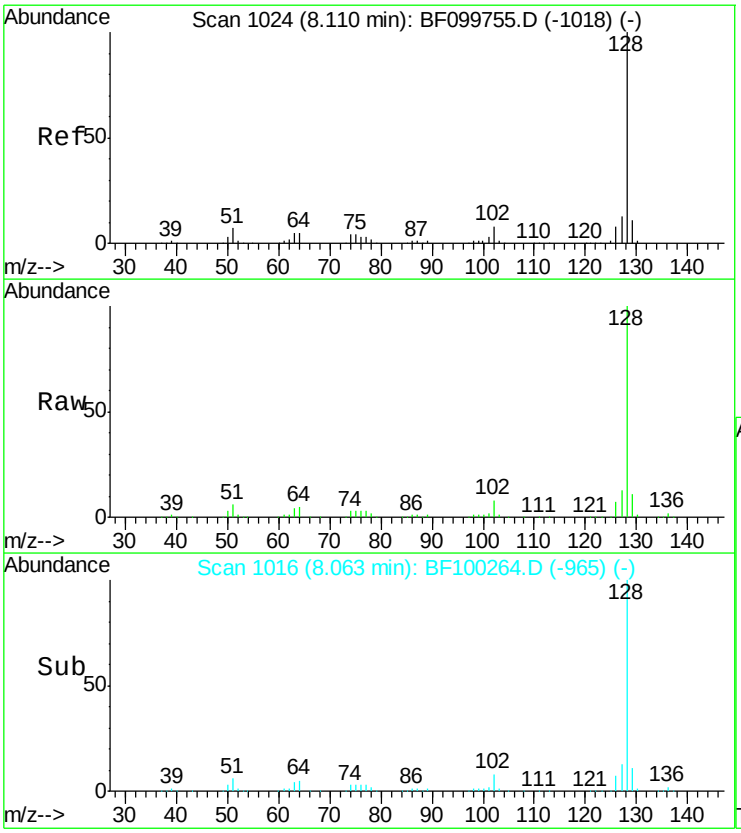
#23
Nitrobenzene-d5
Concen: 85.858 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
DRUM

Tgt Ion: 82 Resp: 520327

Ion	Ratio	Lower	Upper
82	100		
128	53.1	36.1	54.1
54	41.7	41.4	62.2

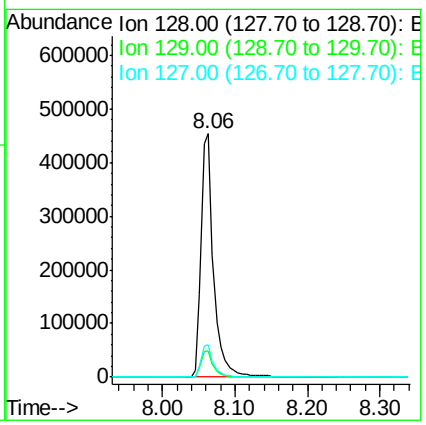


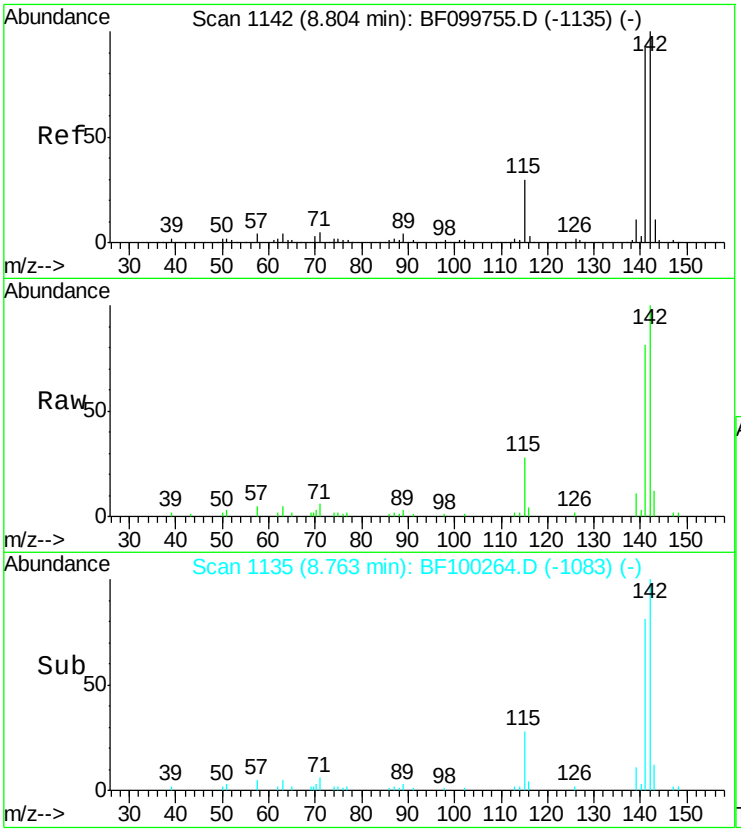


#31
Naphthalene
Concen: 28.955 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:128 Resp: 545323

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.9	16.3



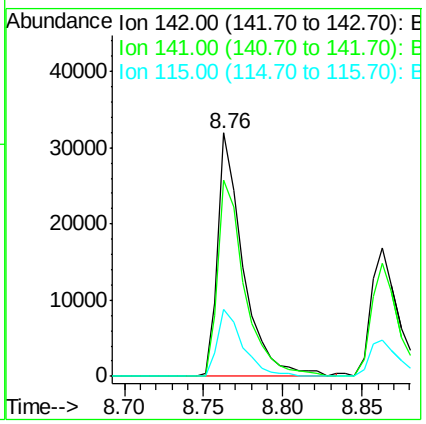


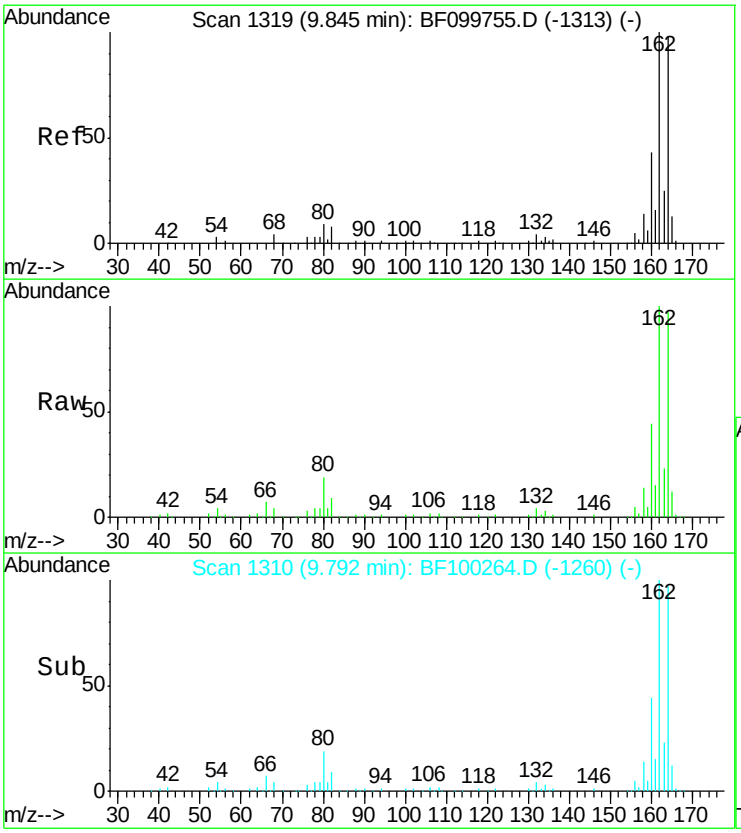
#37
2-Methylnaphthalene
Concen: 2.819 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
DRUM

Tgt Ion:142 Resp: 35577

Ion	Ratio	Lower	Upper
142	100		
141	80.6	70.8	106.2
115	27.8	26.1	39.1

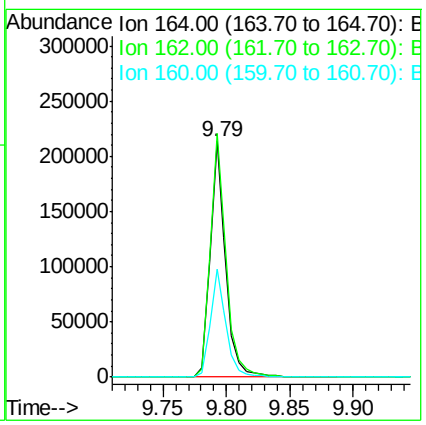


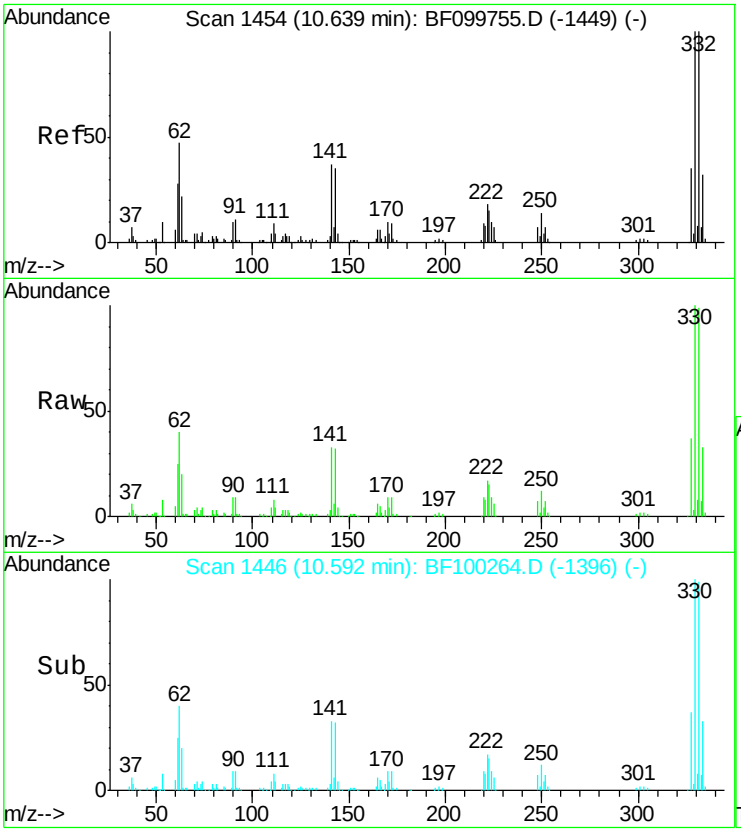


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:164 Resp: 182967

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.8	38.3	57.5



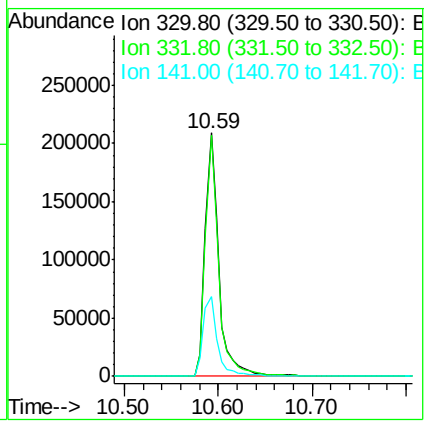


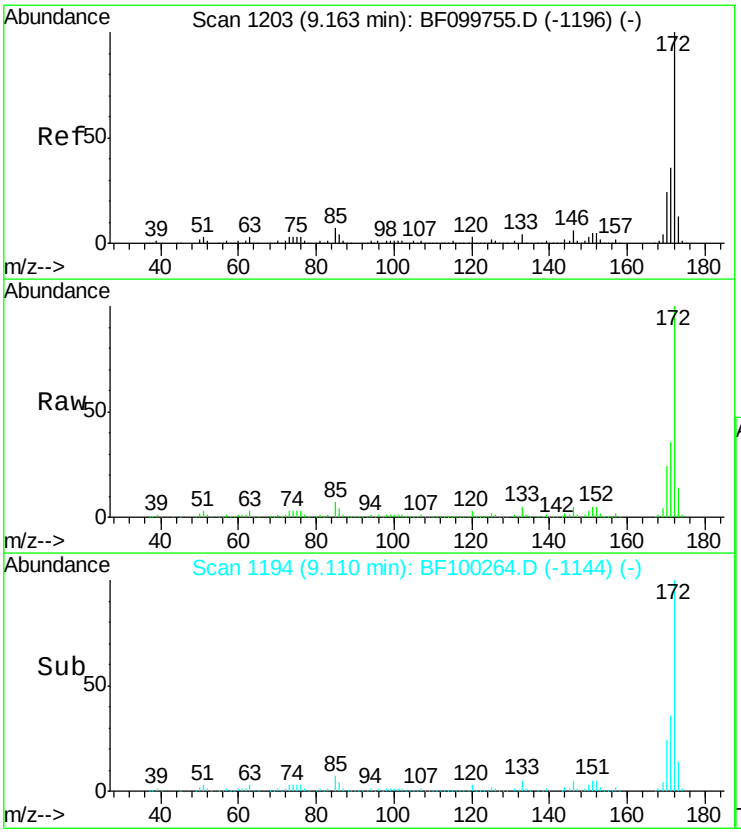
#41
2,4,6-Tribromophenol
Concen: 128.972 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
DRUM

Tgt Ion:330 Resp: 215049

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.4	29.9	44.9

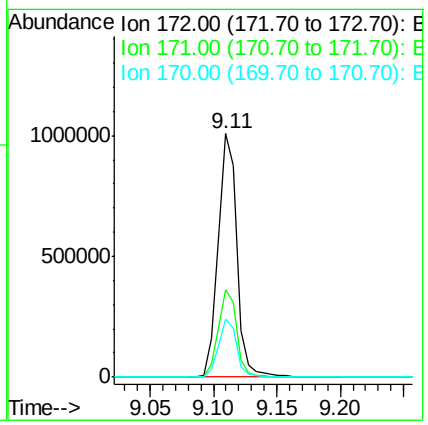


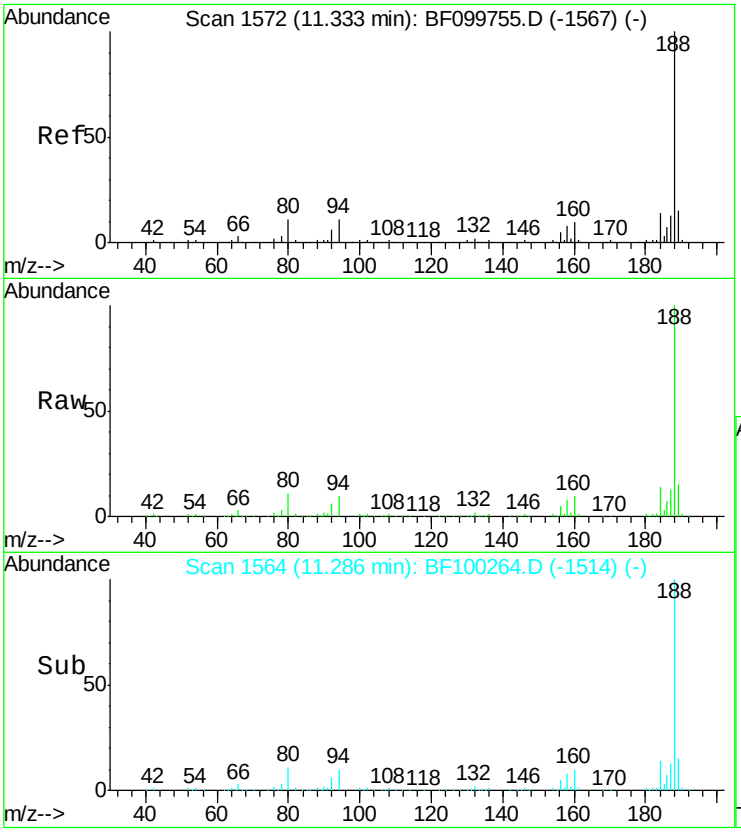


#44
2-Fluorobiphenyl
Concen: 88.666 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:172 Resp: 1051505

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4



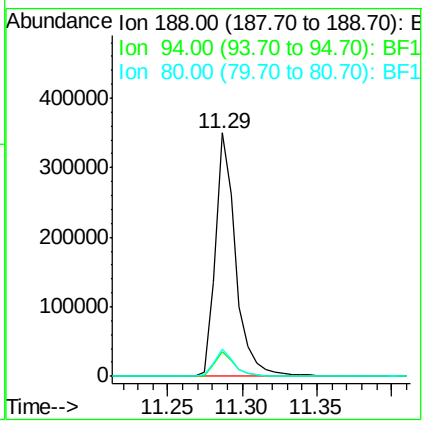


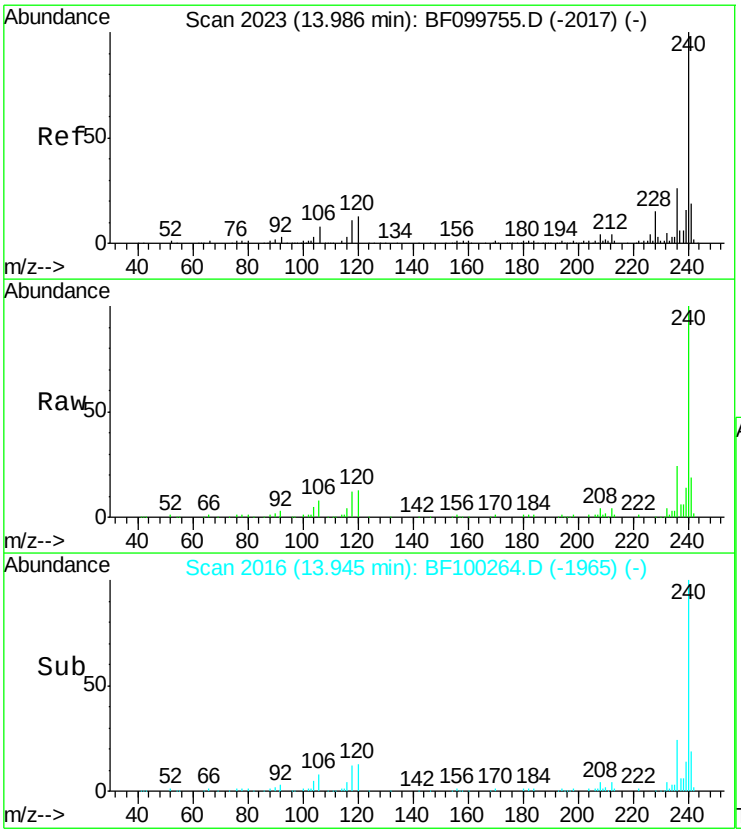
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
DRUM

Tgt Ion:188 Resp: 332420

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

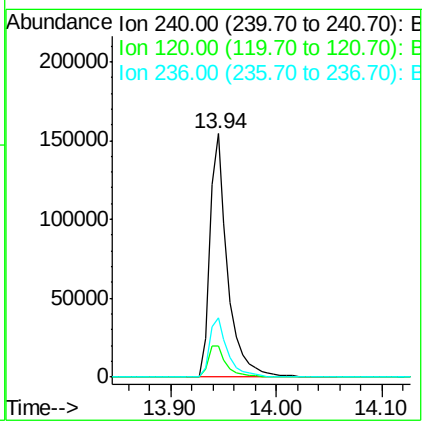


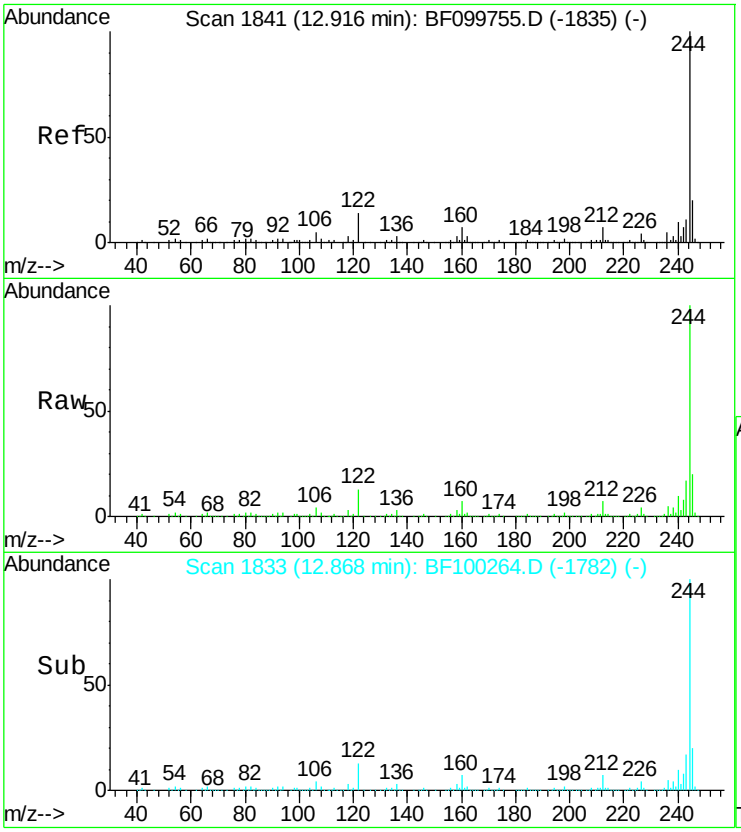


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:240 Resp: 181289

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	24.2	20.7	31.1



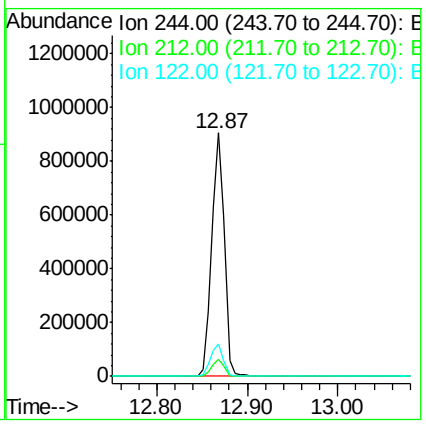


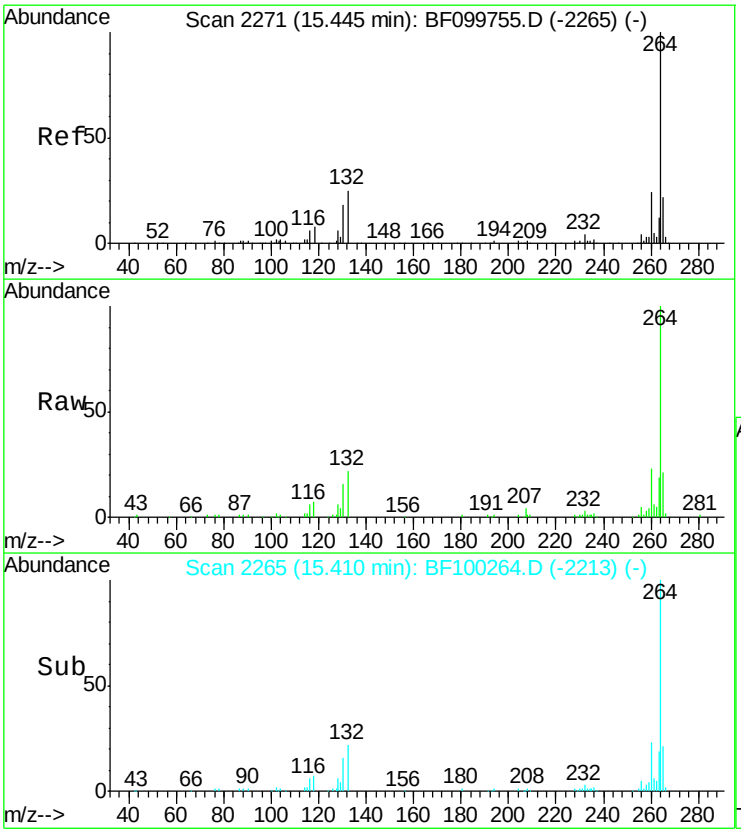
#78
Terphenyl-d14
Concen: 105.912 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Instrument :
BNA_F
ClientSampleId :
DRUM

Tgt Ion:244 Resp: 878604

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF100264.D
Acq: 6 Nov 2017 21:21

Tgt Ion:264 Resp: 147484

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	17.5	26.3