Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100214.D
Acq On : 5 Nov 2017 7:45
Operator : SJ/JU
Sample : I6157-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RLF-SD-1

Quant Time: Nov 06 04:15:09 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	92010	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	383035	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	180972	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	337014	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	225627	20.00	ng	-0.01
86) Perylene-d12	15.40	264	153496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	389867	66.52	ng	0.00
7) Phenol-d6	6.42	99	484623	69.74	ng	-0.01
23) Nitrobenzene-d5	7.33	82	295126	49.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	110348	66.91	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	554863	47.30	ng	-0.01
78) Terphenyl-d14	12.86	244	500558	48.48	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.43	94	20254	2.655	ng	# 72
49) Dimethylphthalate	9.52	163	100707	7.027	ng	100

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

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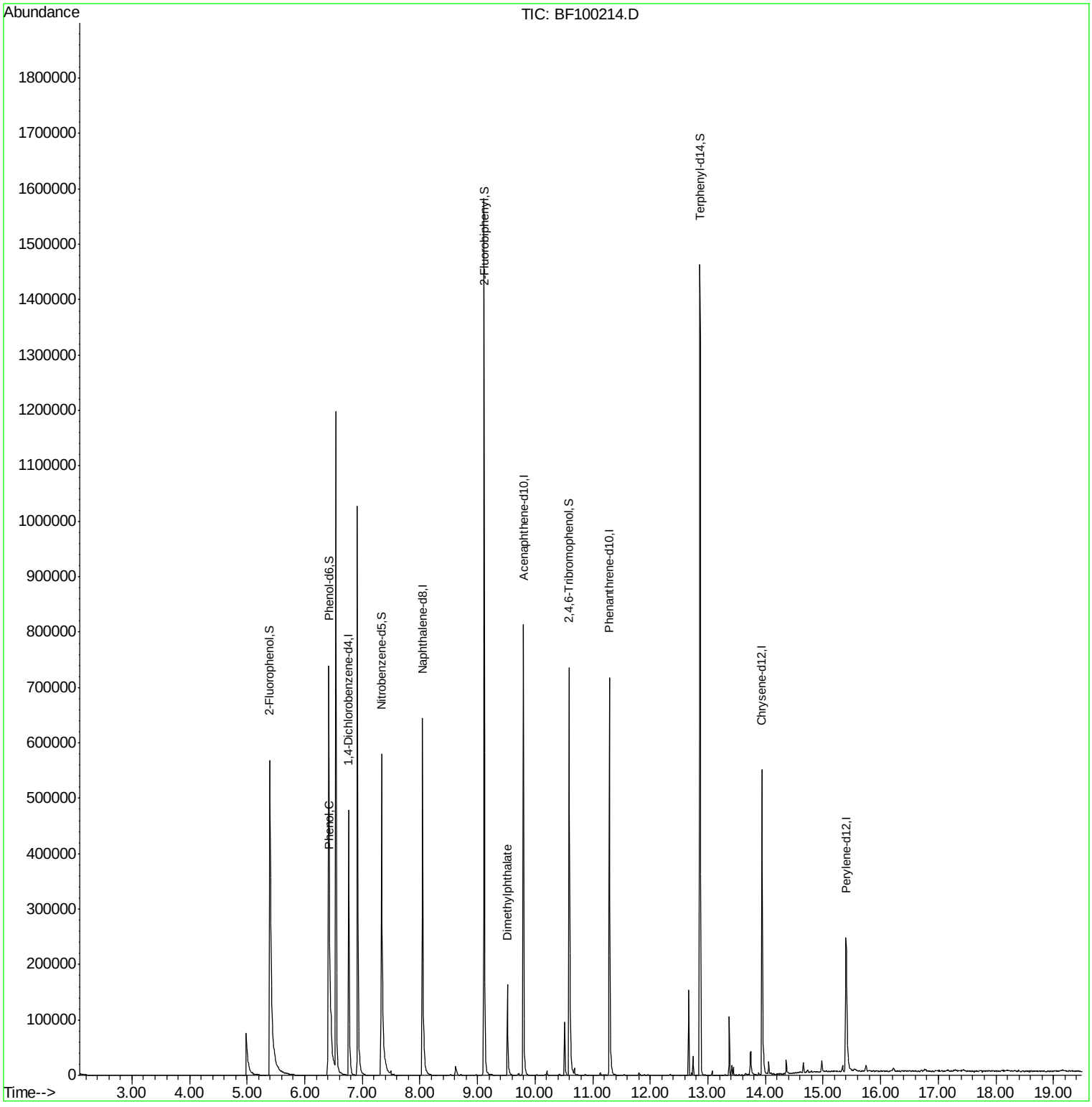
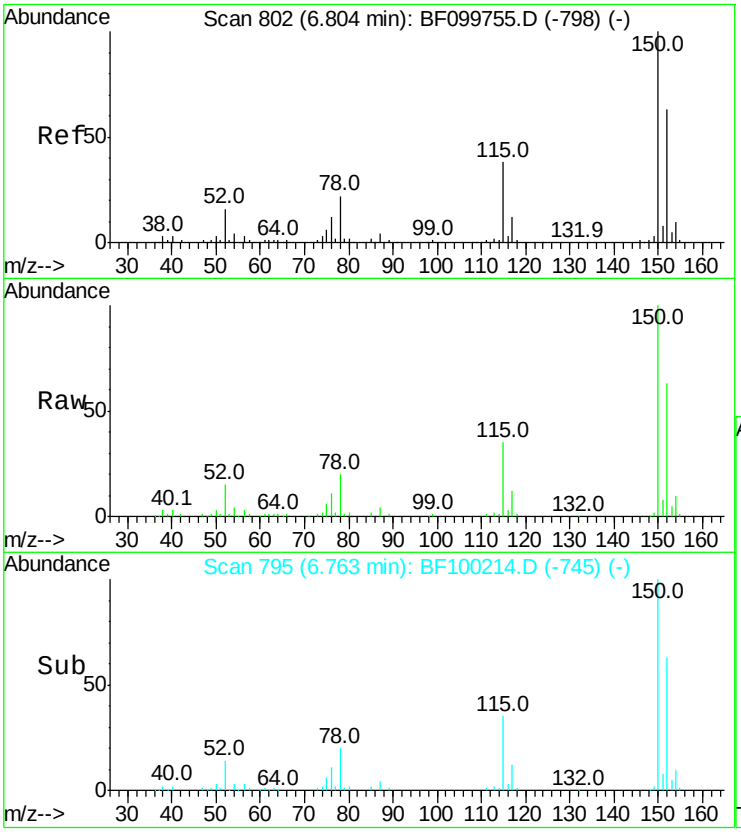


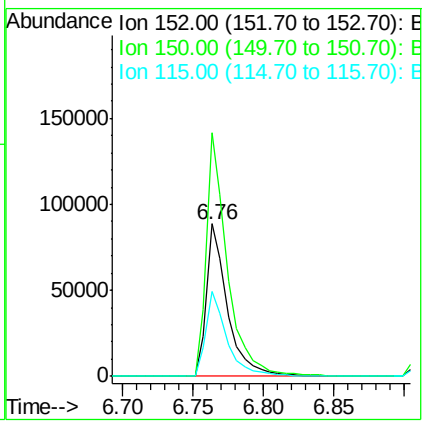


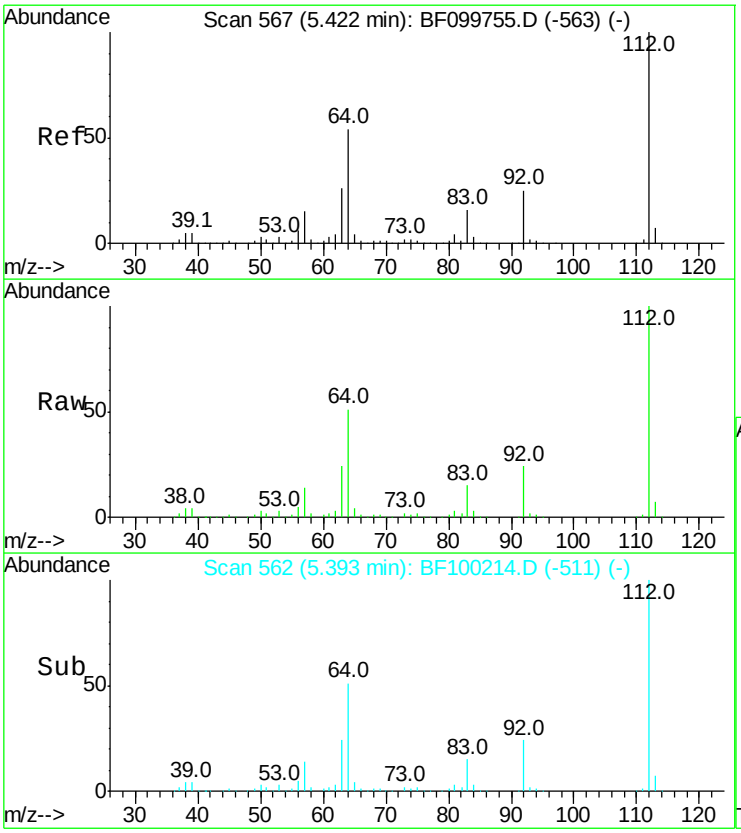
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument :
BNA_F
ClientSampleId :
RLF-SD-1

Tgt Ion:152 Resp: 92010

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	56.0	50.1	75.1

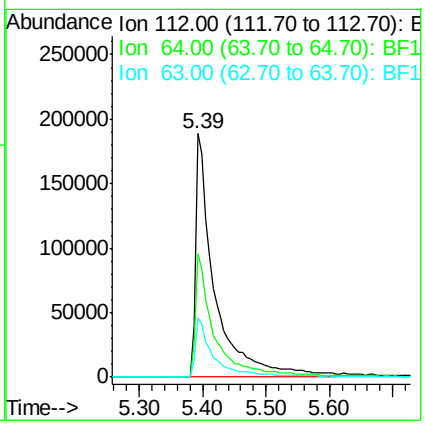


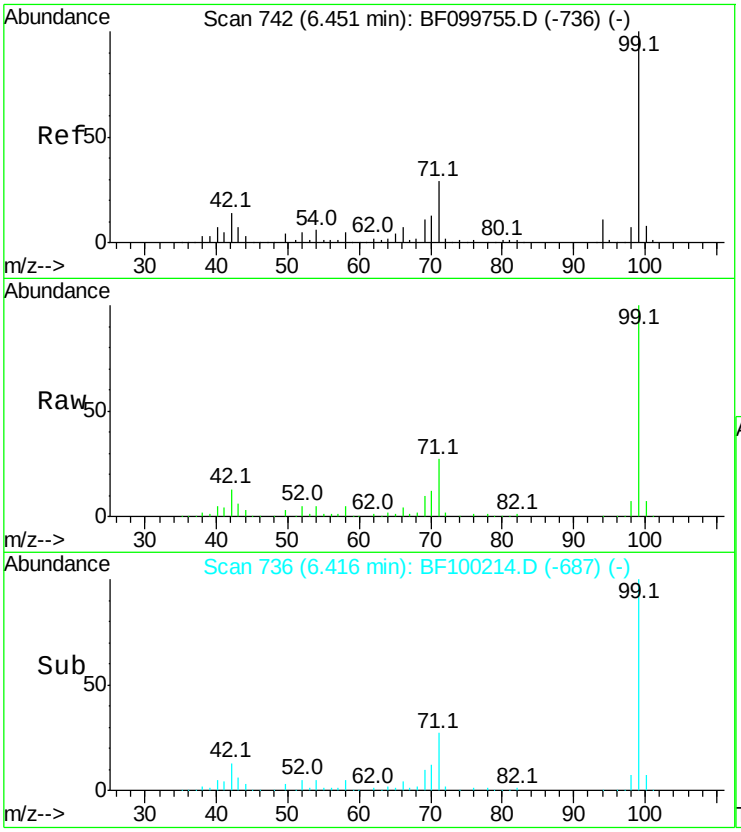


#5
2-Fluorophenol
Concen: 66.523 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion:112 Resp: 389867

Ion	Ratio	Lower	Upper
112	100		
64	50.8	47.9	71.9
63	24.3	23.7	35.5



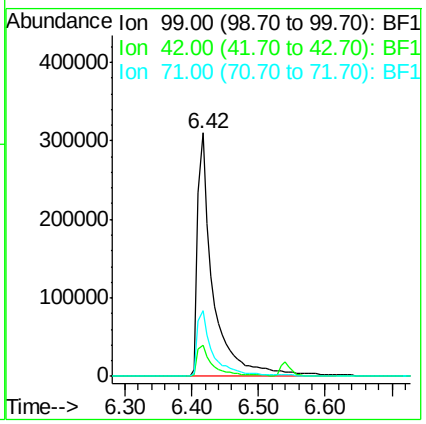


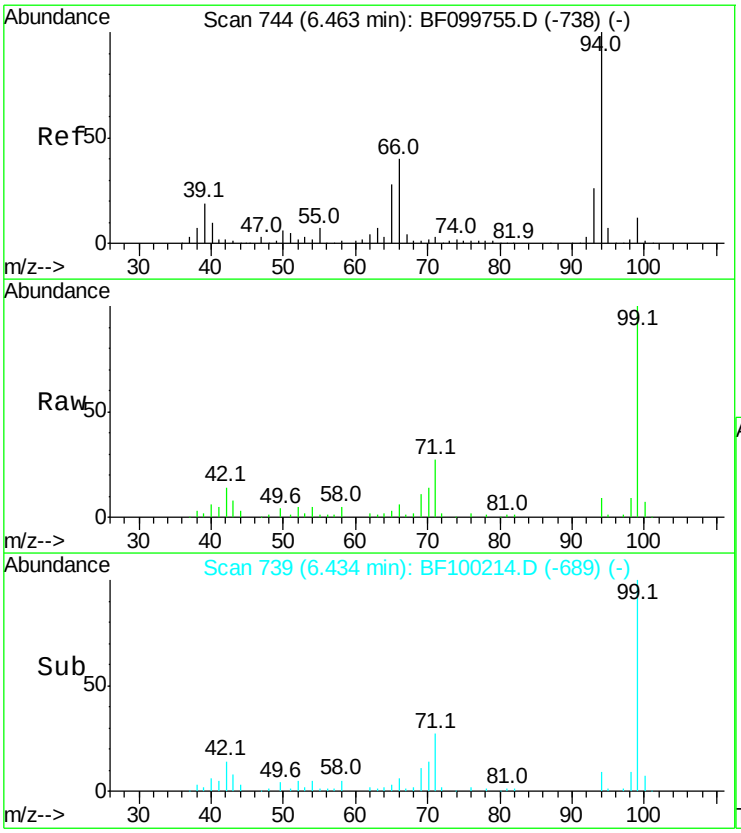
#7
Phenol-d6
Concen: 69.739 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument :
BNA_F
ClientSampleId :
RLF-SD-1

Tgt Ion: 99 Resp: 484623

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.5	21.7#
71	27.2	25.4	38.0

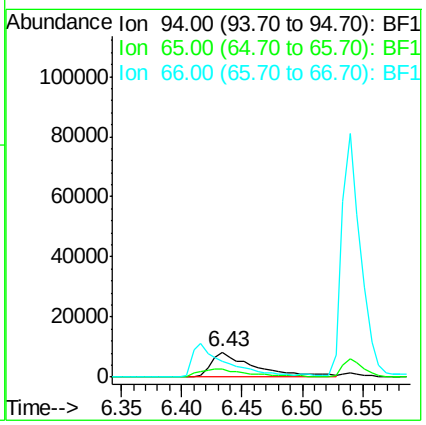


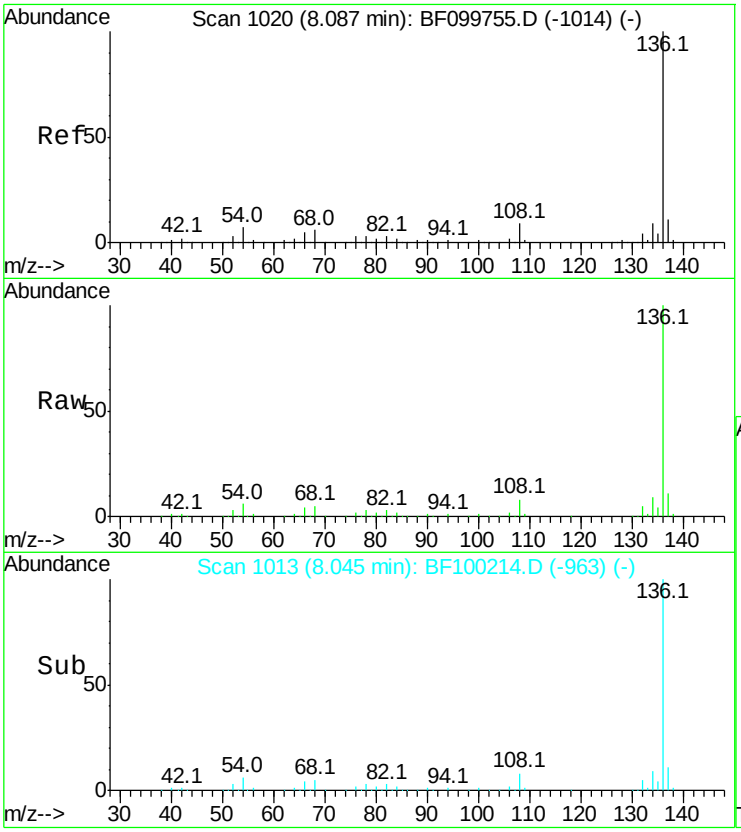


#10
Phenol
Concen: 2.655 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion: 94 Resp: 20254

Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	63.9	16.2	56.2#



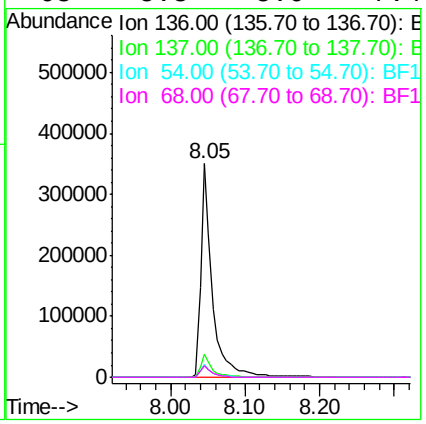


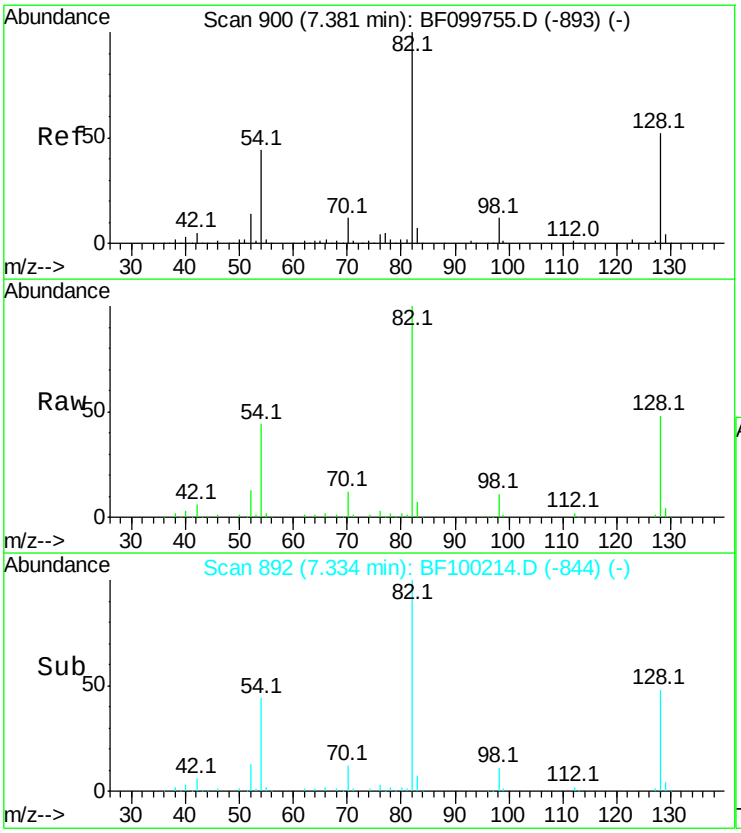
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument : BNA_F
ClientSampleId : RLF-SD-1

Tgt Ion:136 Resp: 383035

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

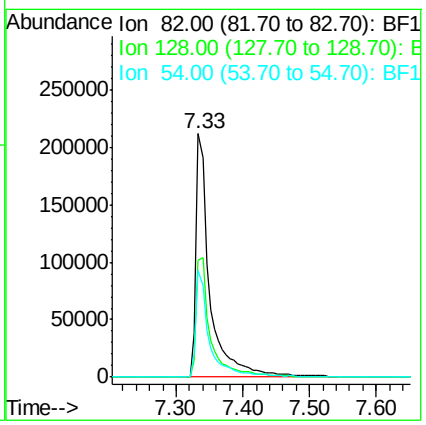


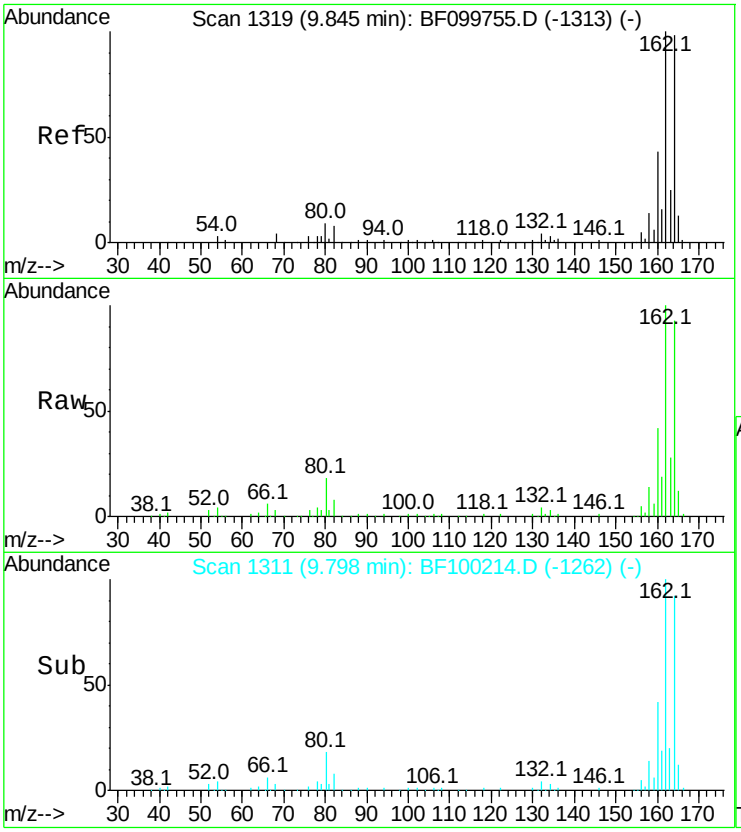


#23
Nitrobenzene-d5
Concen: 49.605 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion: 82 Resp: 295126

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	43.7	41.4	62.2



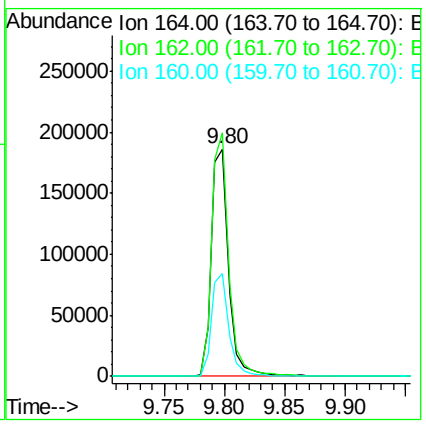


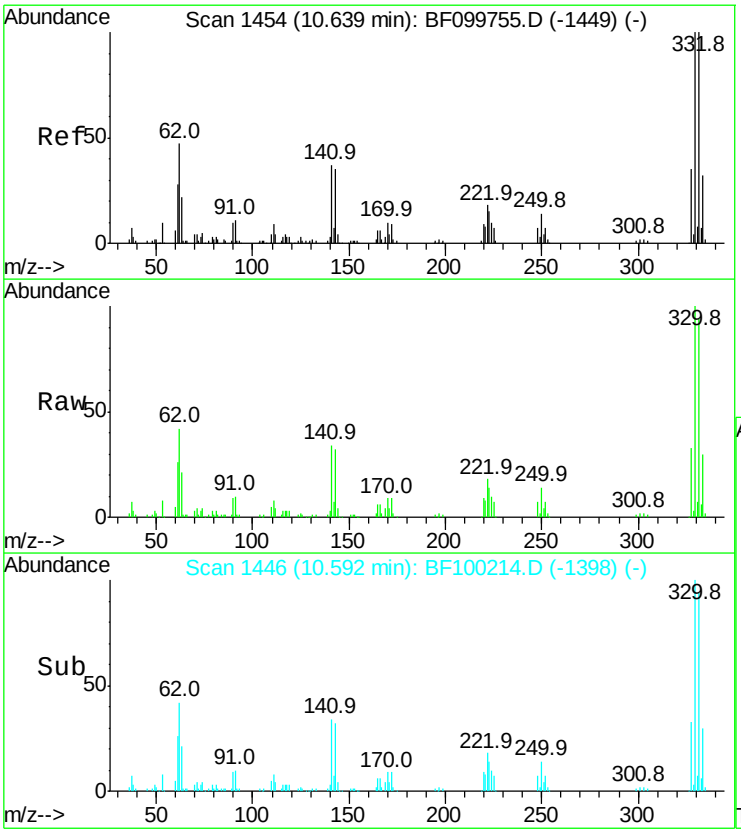
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument :
BNA_F
ClientSampleId :
RLF-SD-1

Tgt Ion:164 Resp: 180972

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	45.4	38.3	57.5

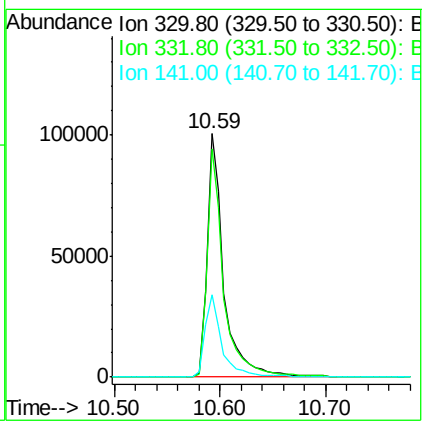


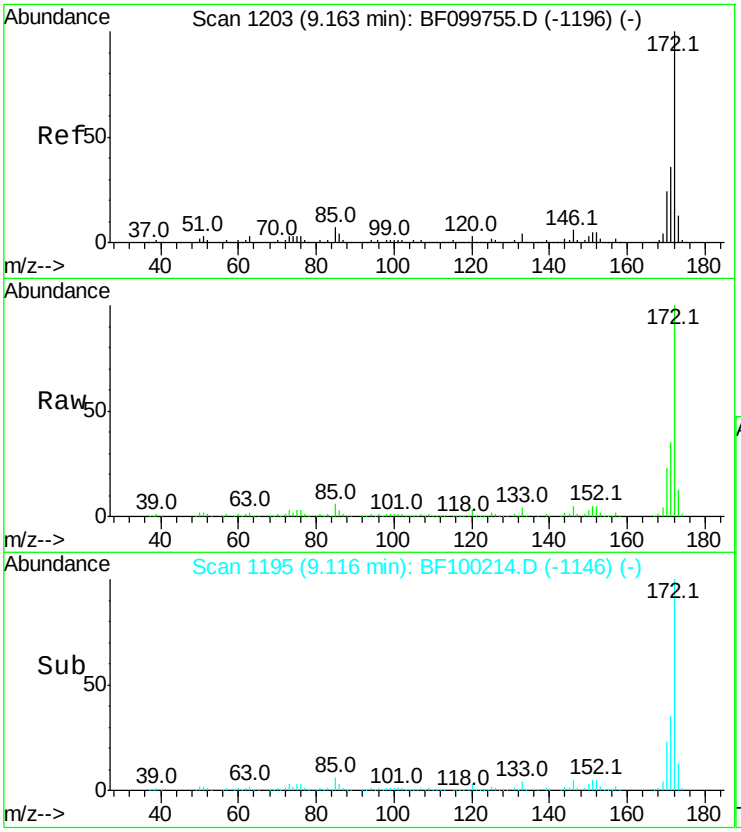


#41
2,4,6-Tribromophenol
Concen: 66.909 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion:330 Resp: 110348

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	34.3	29.9	44.9



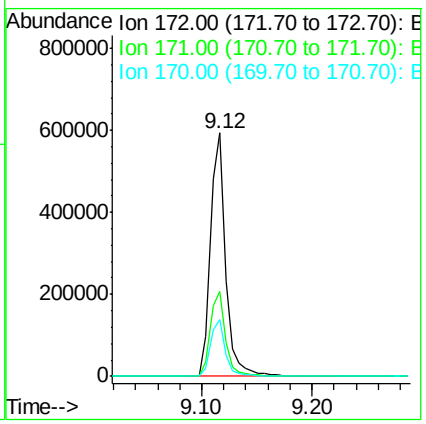


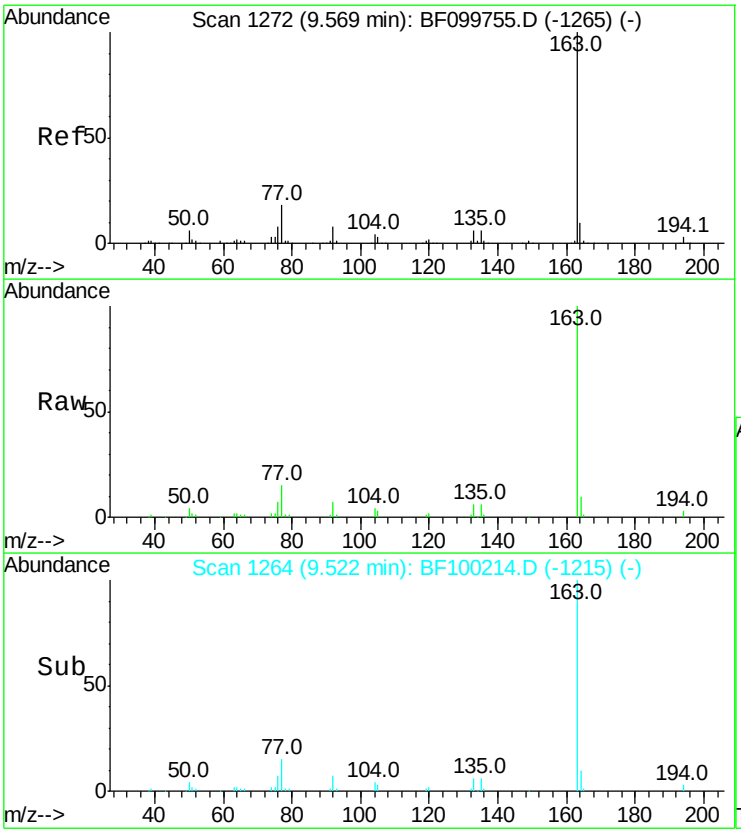
#44
2-Fluorobiphenyl
Concen: 47.304 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument :
BNA_F
ClientSampleId :
RLF-SD-1

Tgt Ion:172 Resp: 554863

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.2	19.6	29.4

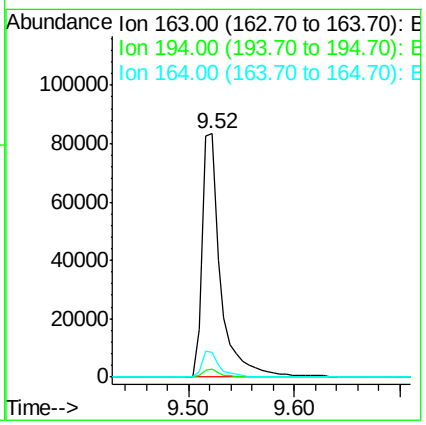


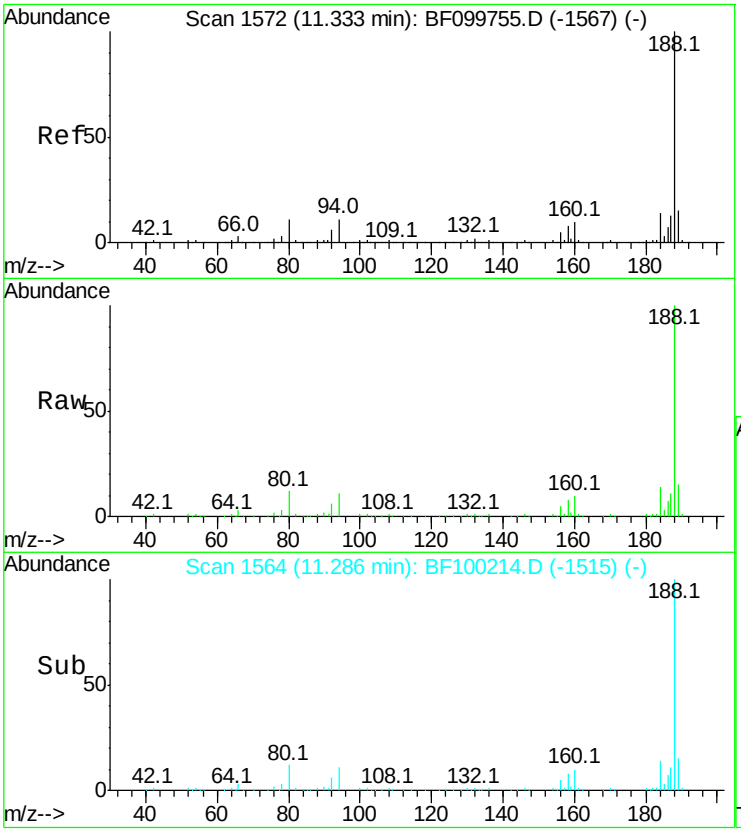


#49
Dimethylphthalate
Concen: 7.027 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion:163 Resp: 100707

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2



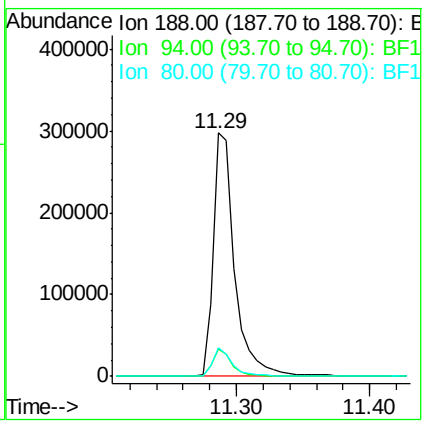


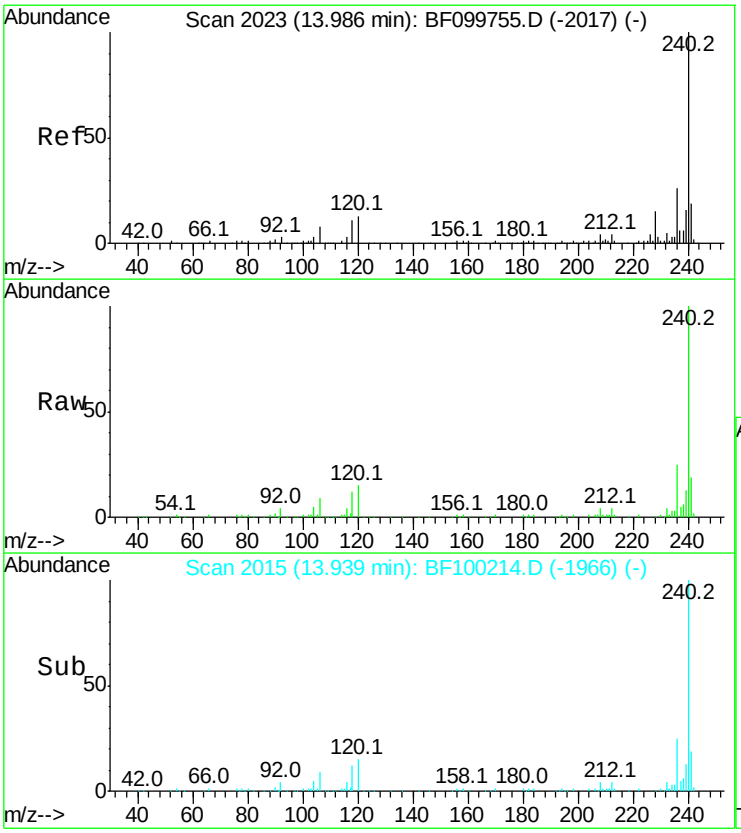
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument :
BNA_F
ClientSampleId :
RLF-SD-1

Tgt Ion:188 Resp: 337014

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.5	9.2	13.8

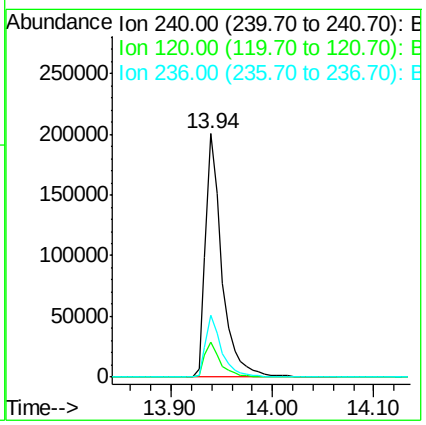


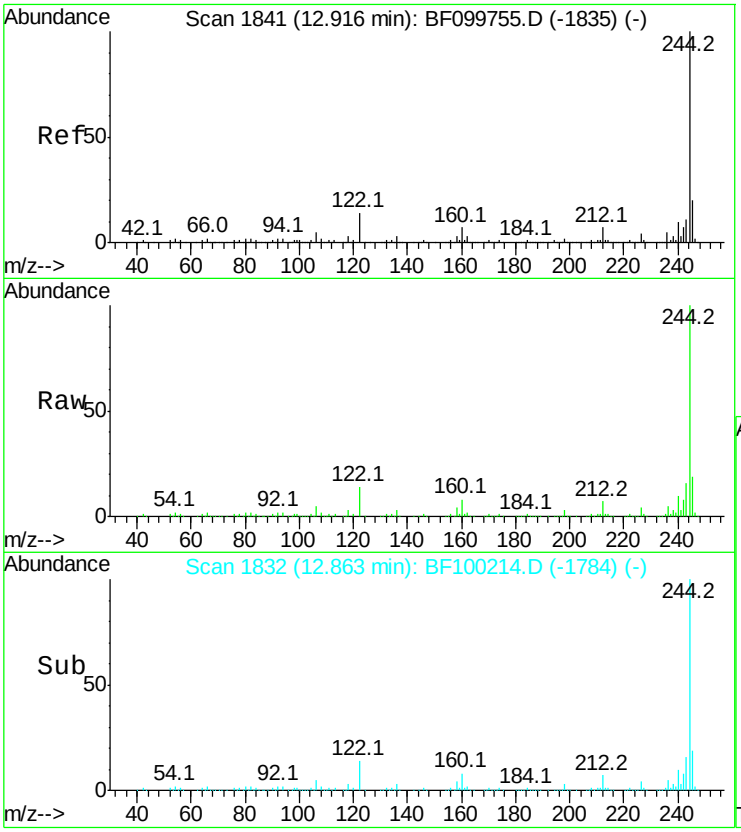


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion:240 Resp: 225627

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.3	20.7	31.1



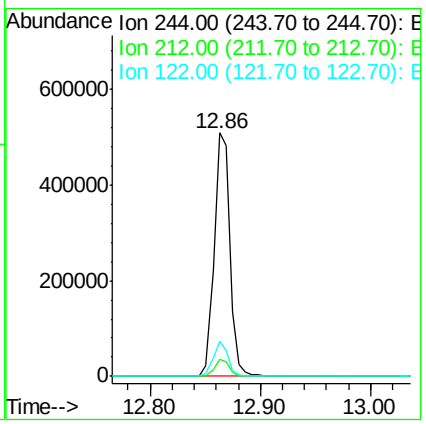


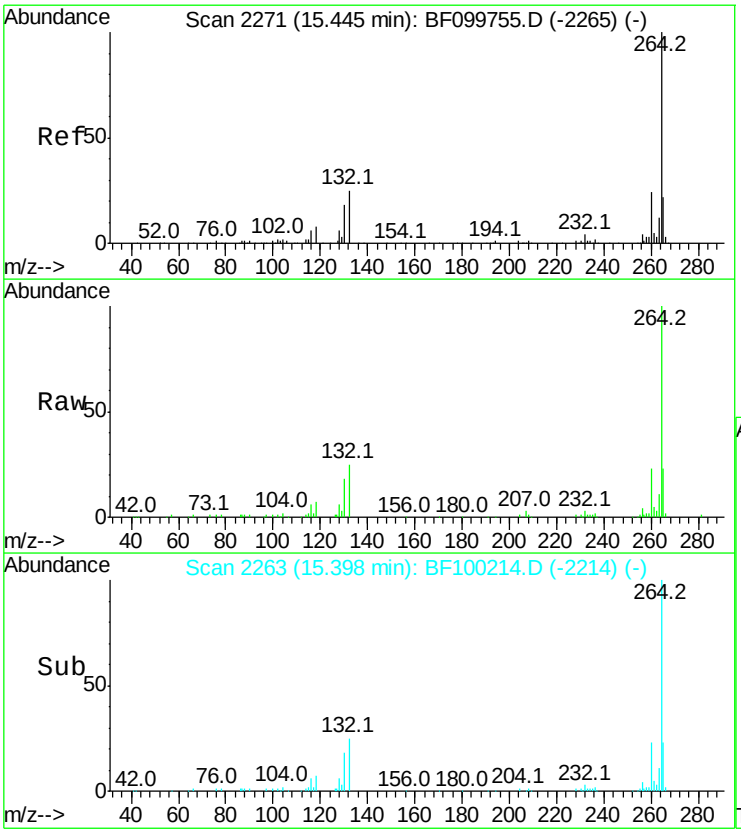
#78
Terphenyl-d14
Concen: 48.483 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument :
BNA_F
ClientSampleId :
RLF-SD-1

Tgt Ion:244 Resp: 500558

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.2	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: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion:264 Resp: 153496

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