Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083093.D
Acq On : 20 Nov 2015 21:29
Operator : UM/IZ
Sample : G4452-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-10

Quant Time: Nov 21 00:06:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	151406	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	521830	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	260608	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	435403	20.00	ng	0.00
75) Chrysene-d12	13.85	240	395439	20.00	ng	-0.01
86) Perylene-d12	15.23	264	309445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1144097	117.37	ng	0.01
7) Phenol-d6	6.35	99	1442805	112.38	ng	0.00
23) Nitrobenzene-d5	7.26	82	890807	78.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	198822	71.86	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1496390	77.33	ng	-0.01
78) Terphenyl-d14	12.81	244	1135028	67.76	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.01	128	77211	2.84	ng	98
37) 2-Methylnaphthalene	8.70	142	199636	11.03	ng	96
49) Dimethylphthalate	9.47	163	402260	18.75	ng	98

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

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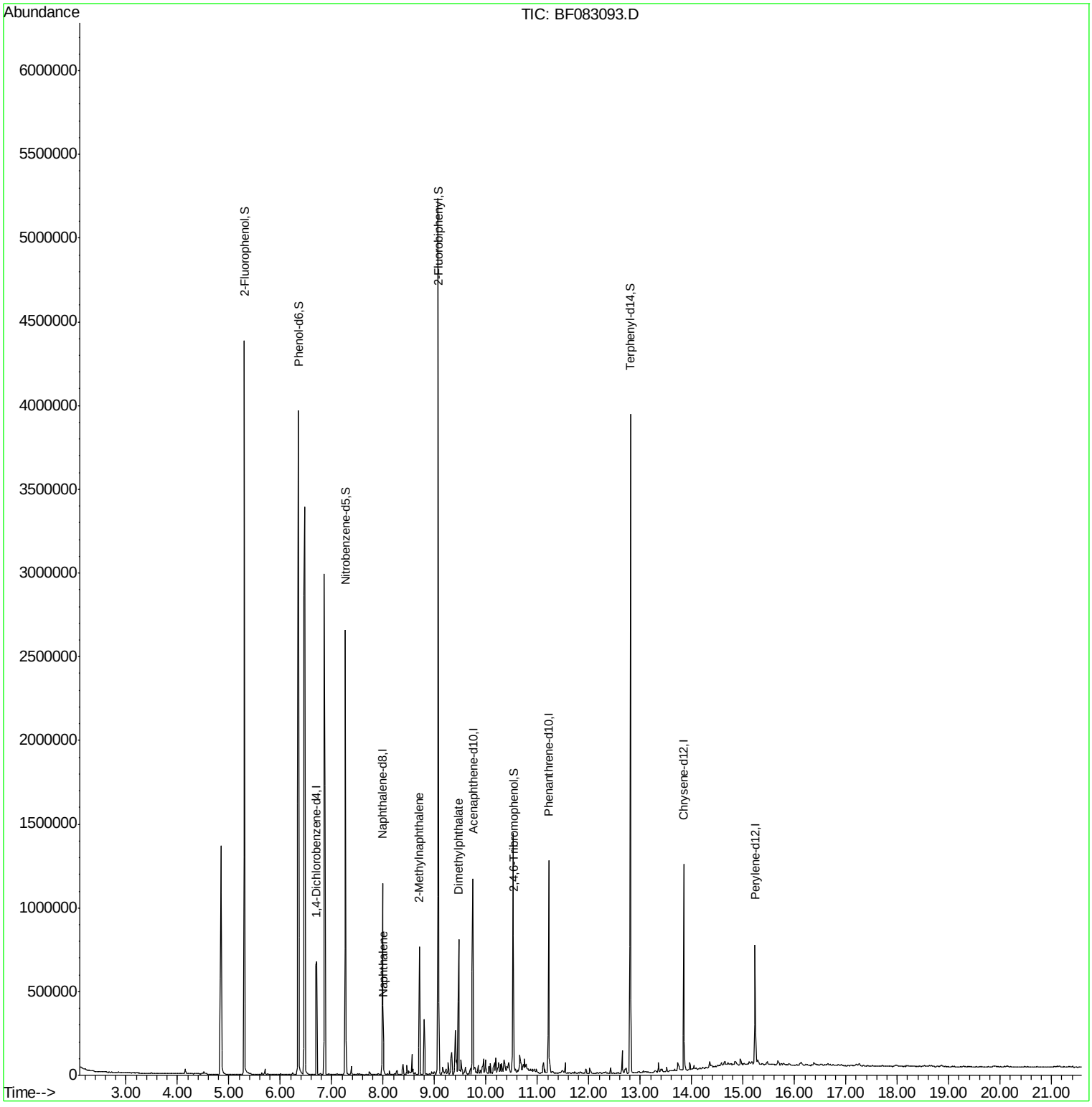
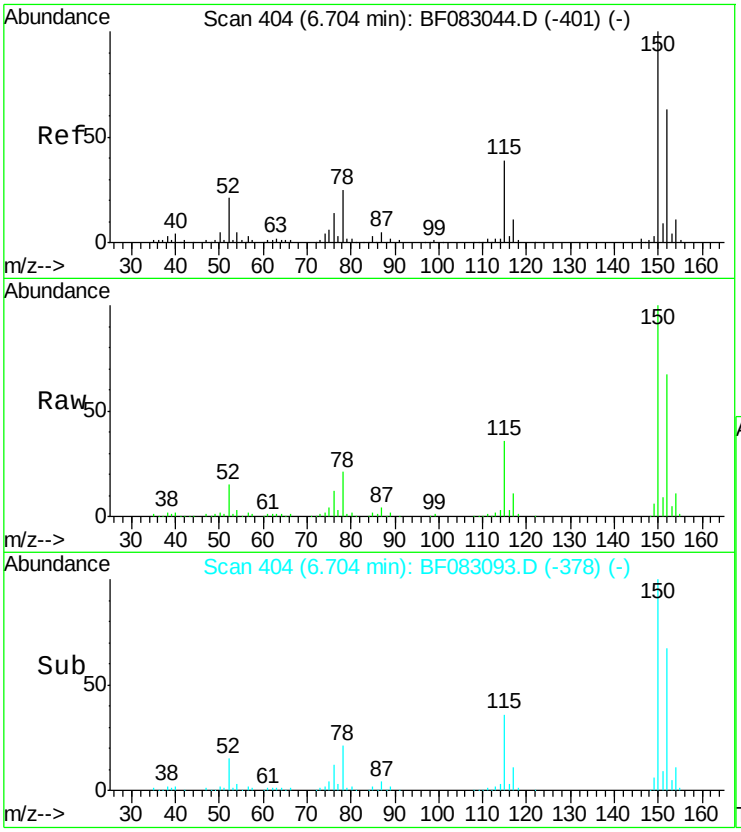


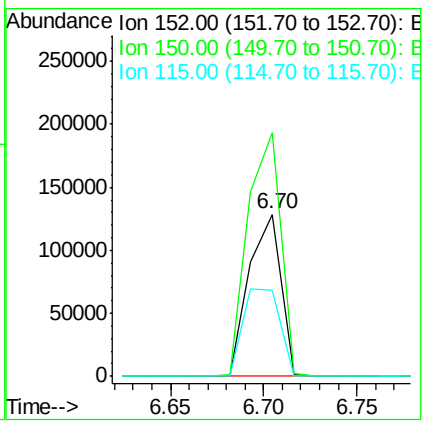


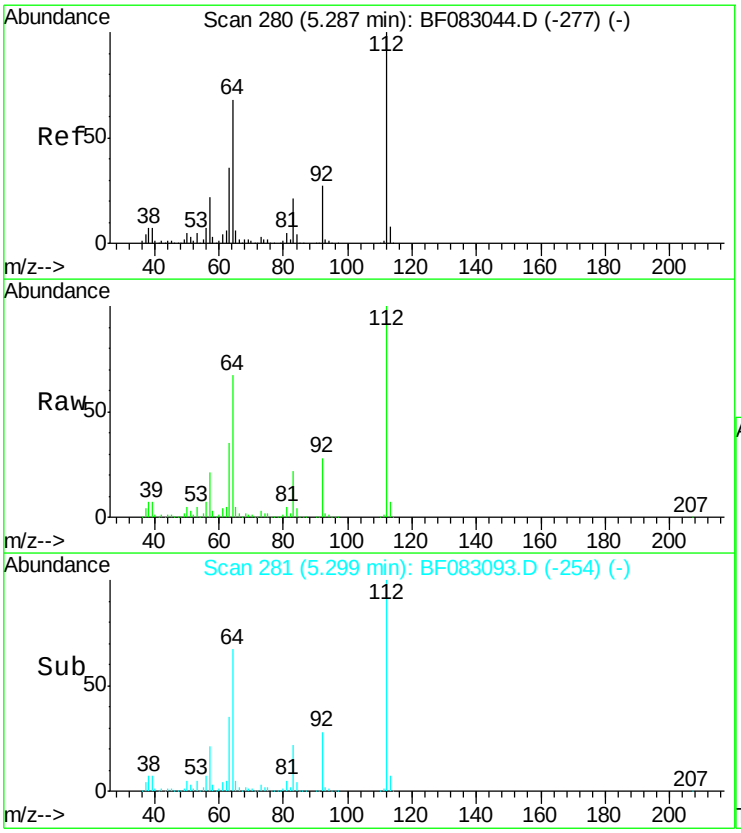
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion:152 Resp: 151406

Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.4	189.6
115	53.4	49.0	73.6

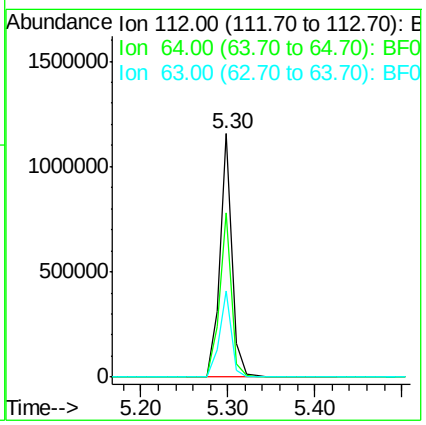


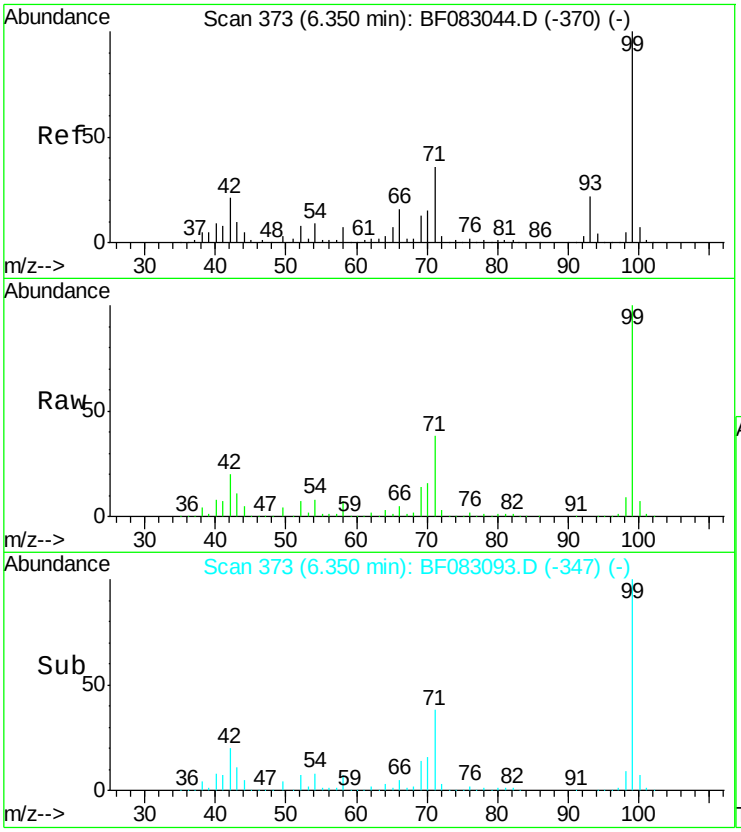


#5
2-Fluorophenol
Concen: 117.37 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:112 Resp: 1144097

Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.8	82.2
63	35.4	29.0	43.4



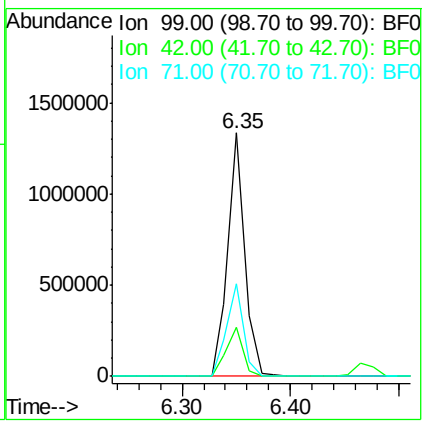


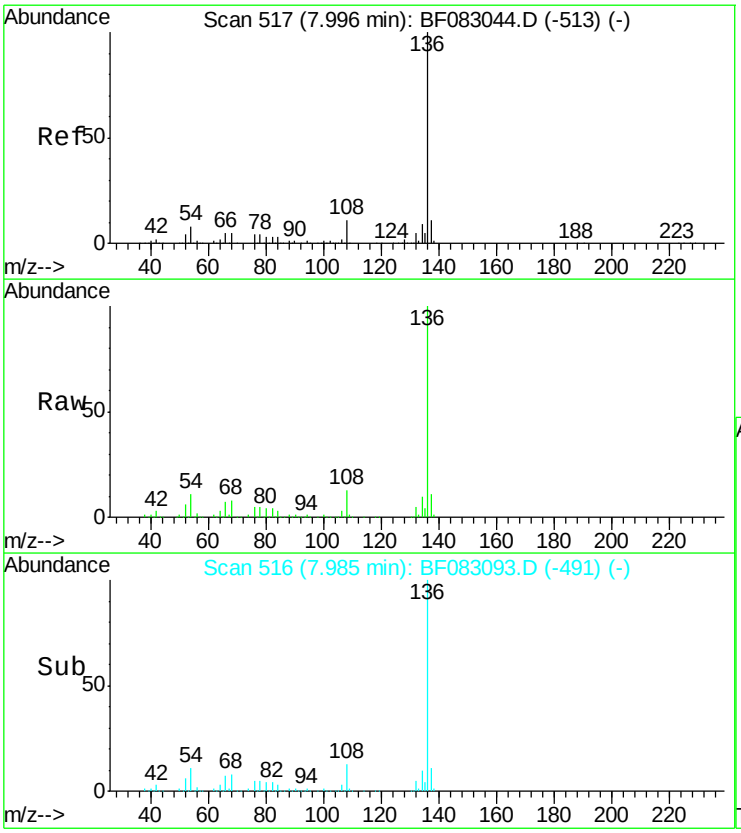
#7
Phenol-d6
Concen: 112.38 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion: 99 Resp: 1442805

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.6	25.0
71	37.8	29.2	43.8

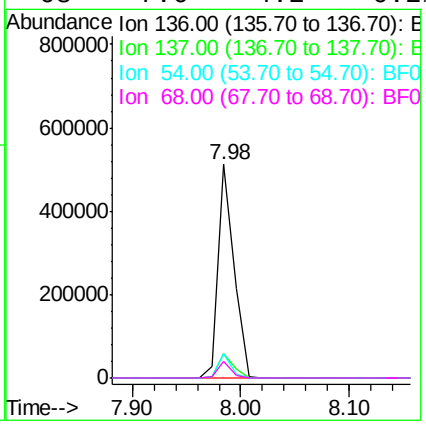


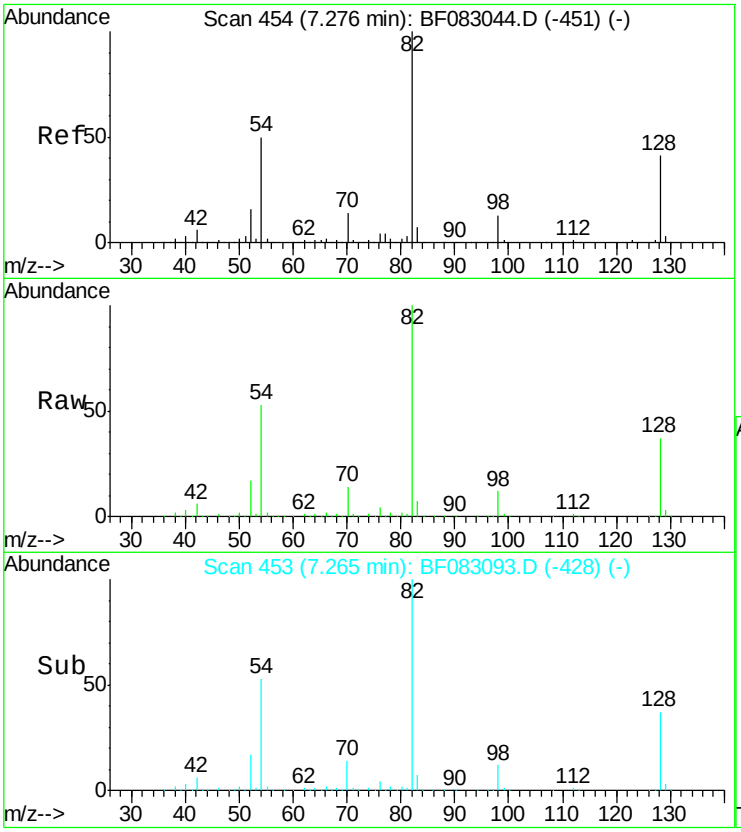


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:136 Resp: 521830

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	11.4	6.2	9.2#
68	7.6	4.2	6.2#



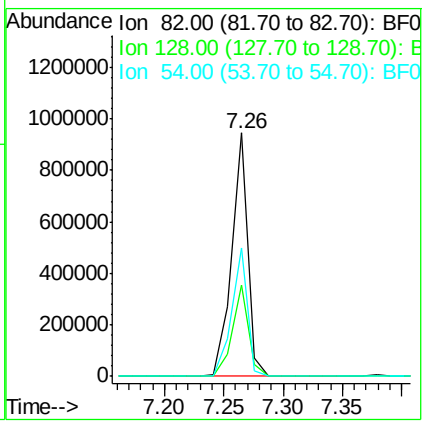


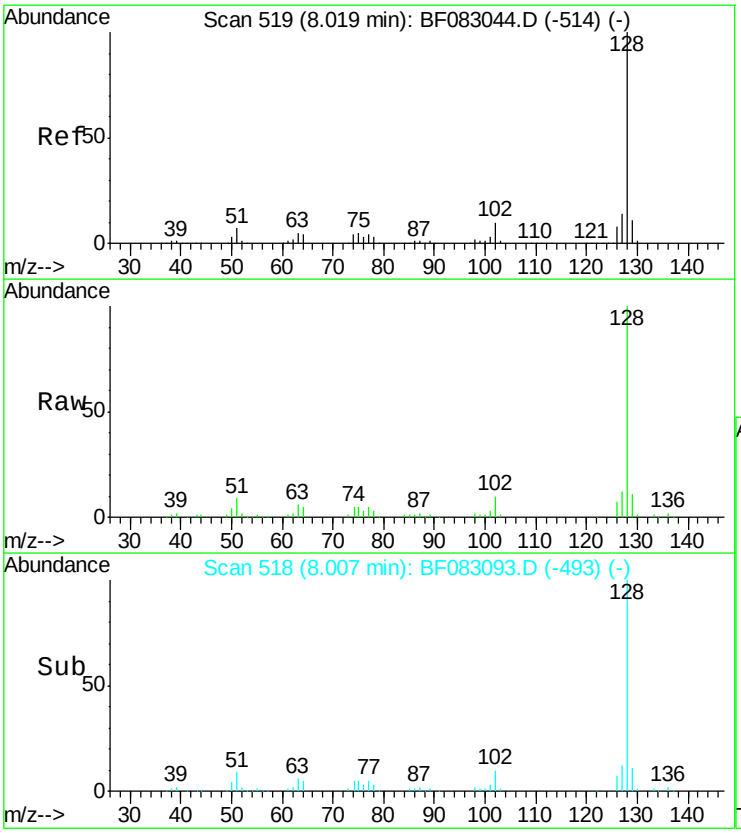
#23
Nitrobenzene-d5
Concen: 78.15 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion: 82 Resp: 890807

Ion	Ratio	Lower	Upper
82	100		
128	37.3	33.1	49.7
54	52.5	39.8	59.6

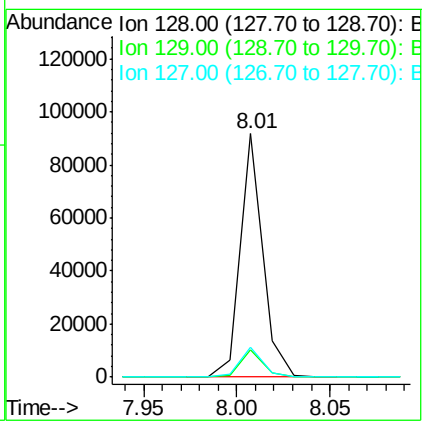


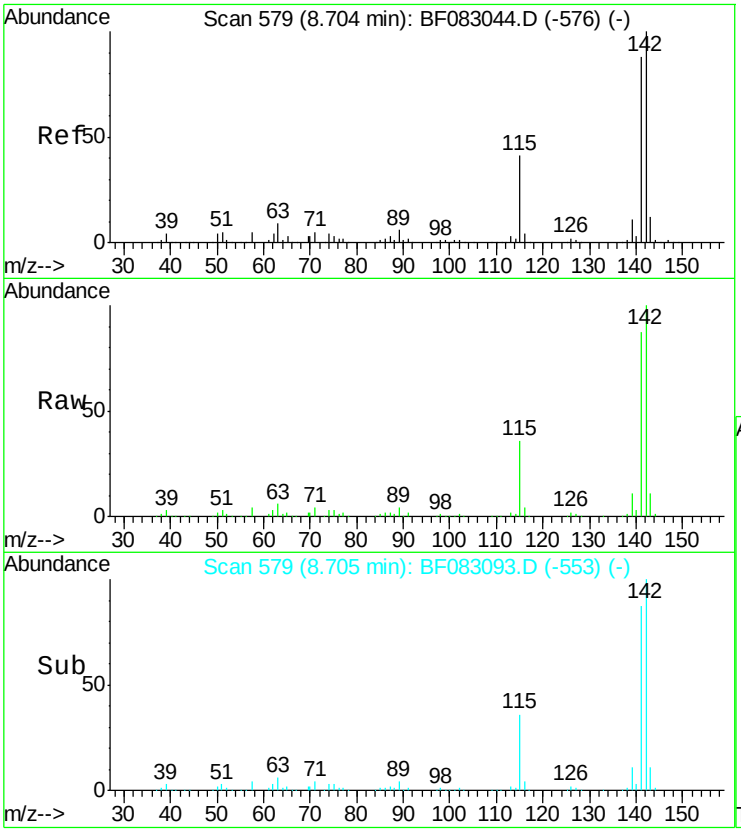


#31
Naphthalene
Concen: 2.84 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:128 Resp: 77211

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	12.1	10.9	16.3



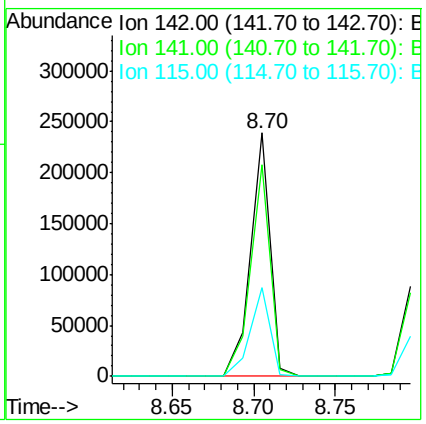


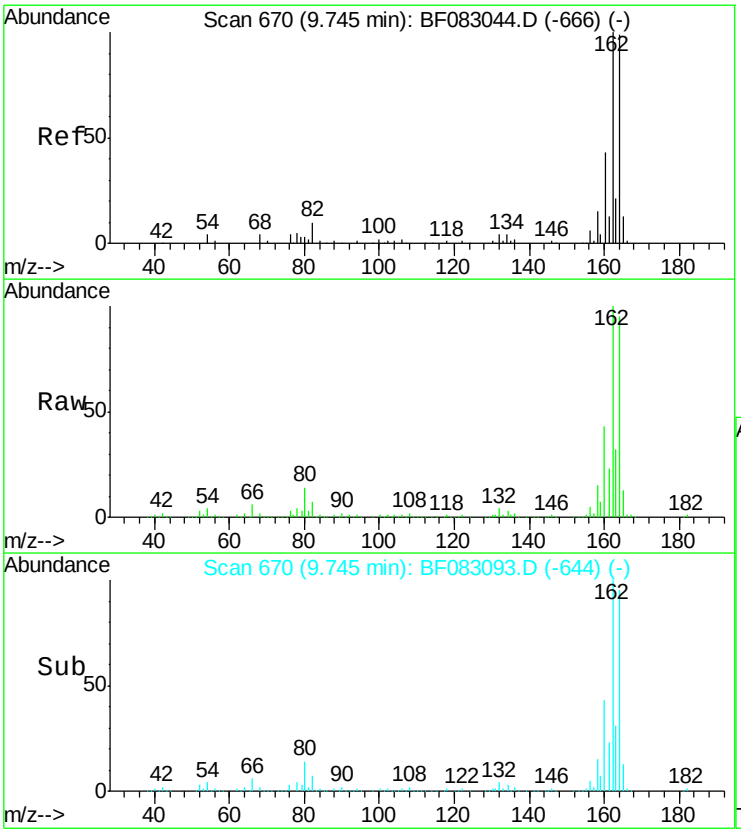
#37
2-Methylnaphthalene
Concen: 11.03 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion:142 Resp: 199636

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.7	106.1
115	36.2	33.1	49.7

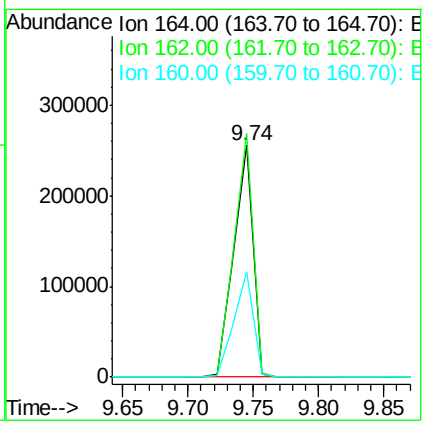


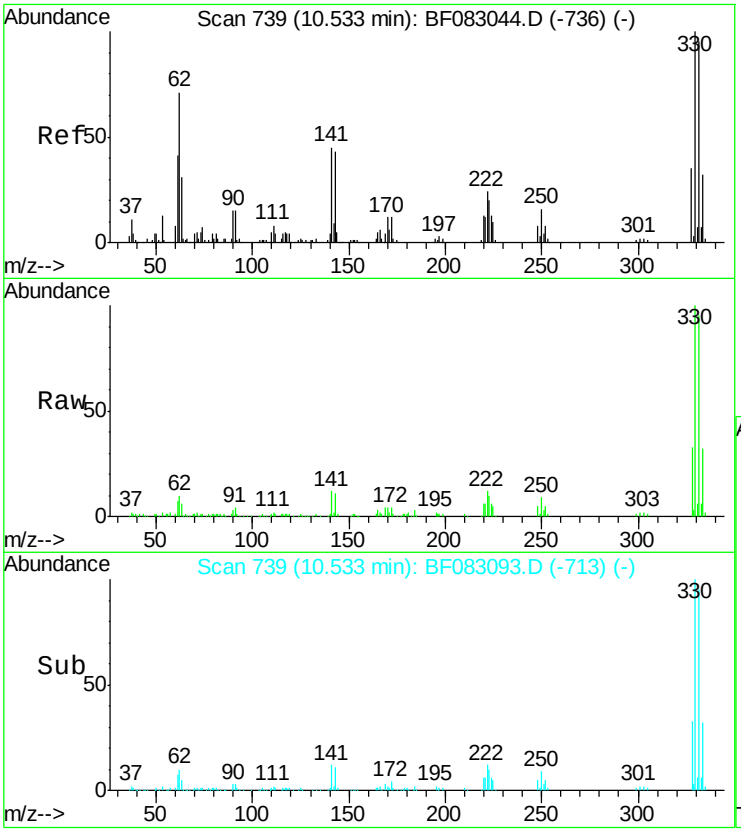


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:164 Resp: 260608

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.5	120.7
160	45.2	35.0	52.4



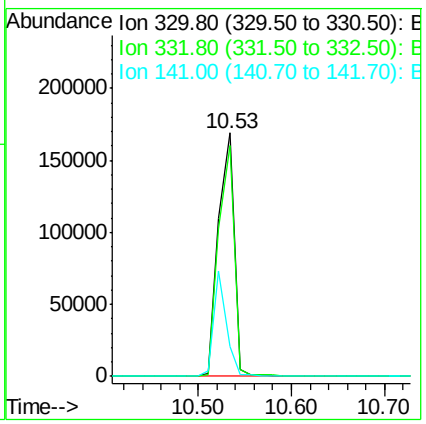


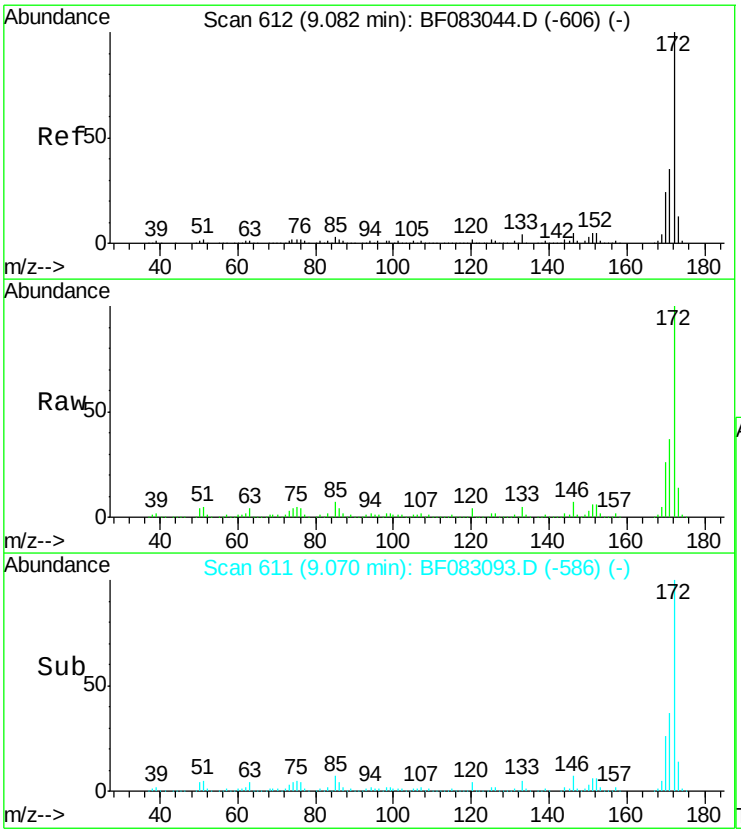
#41
2,4,6-Tribromophenol
Concen: 71.86 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion:330 Resp: 198822

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.6	116.4
141	35.3	34.6	52.0

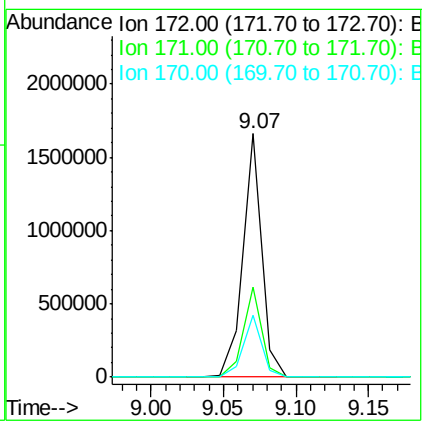


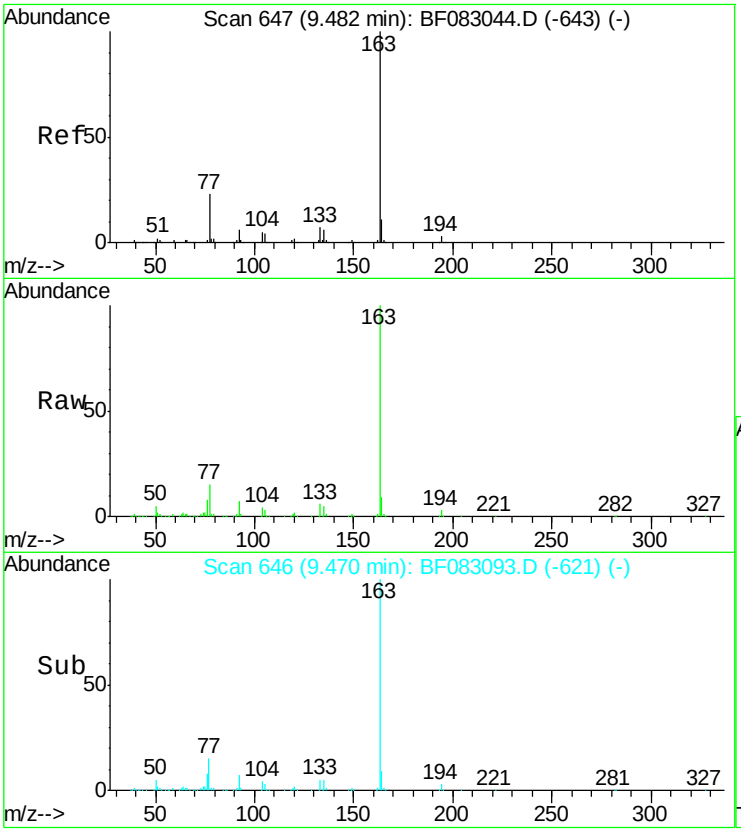


#44
2-Fluorobiphenyl
Concen: 77.33 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:172 Resp: 1496390

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.4
170	25.5	19.4	29.0



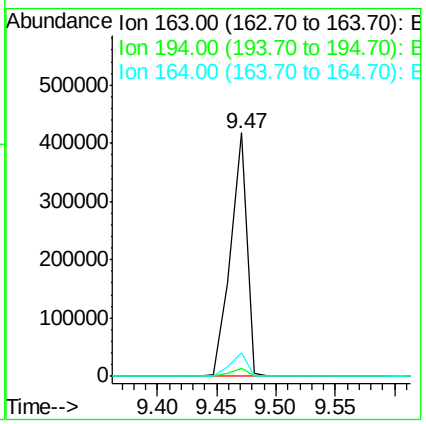


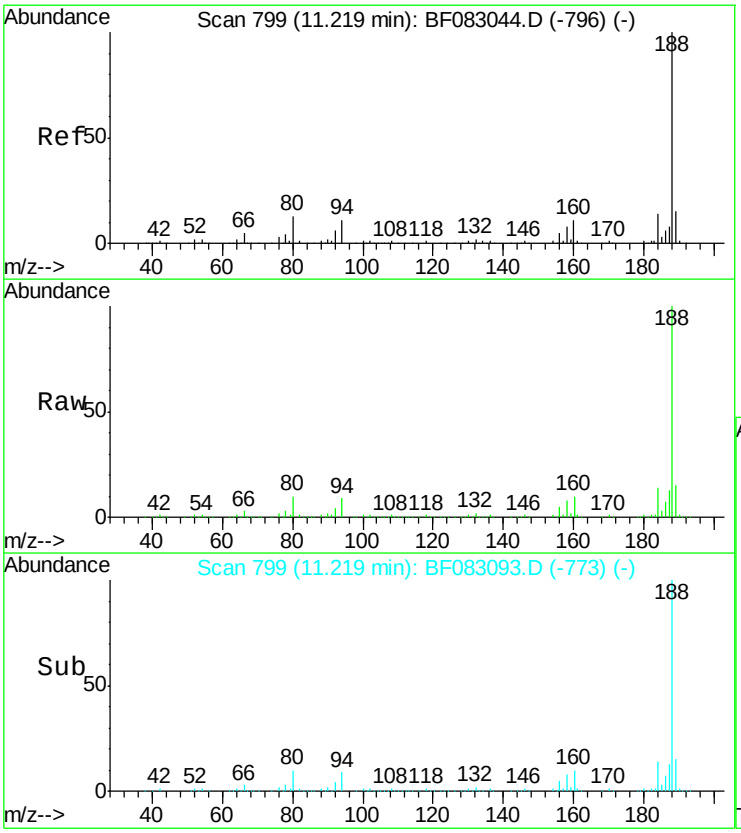
#49
Dimethylphthalate
Concen: 18.75 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion:163 Resp: 402260

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.4	8.5	12.7

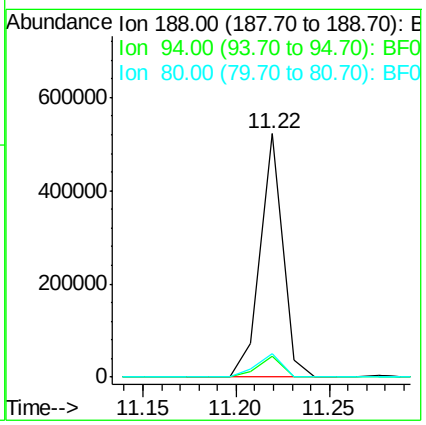


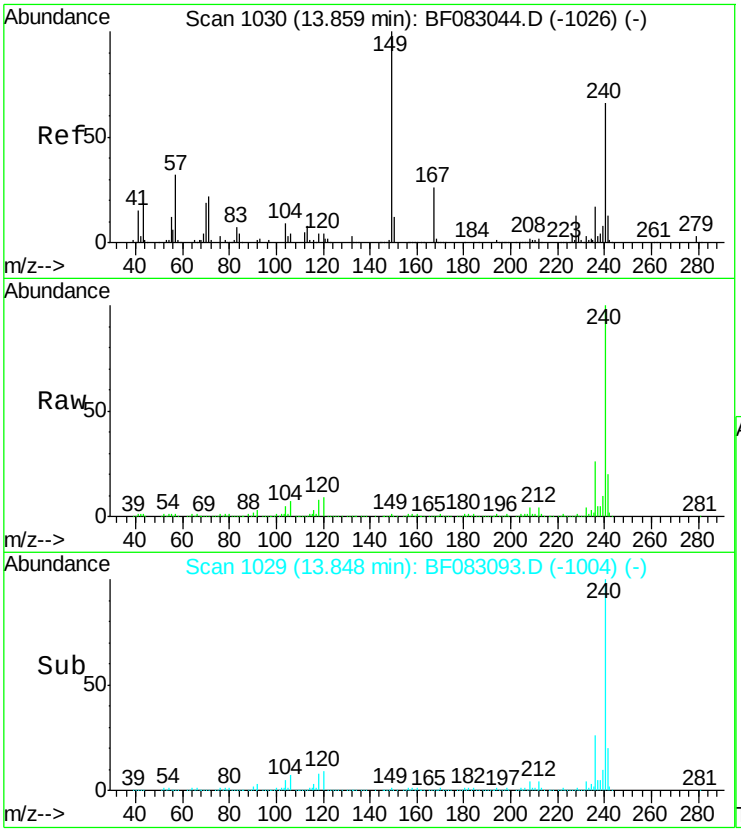


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:188 Resp: 435403

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	9.5	10.2	15.4#



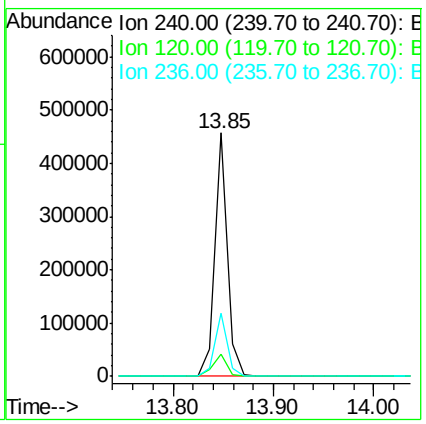


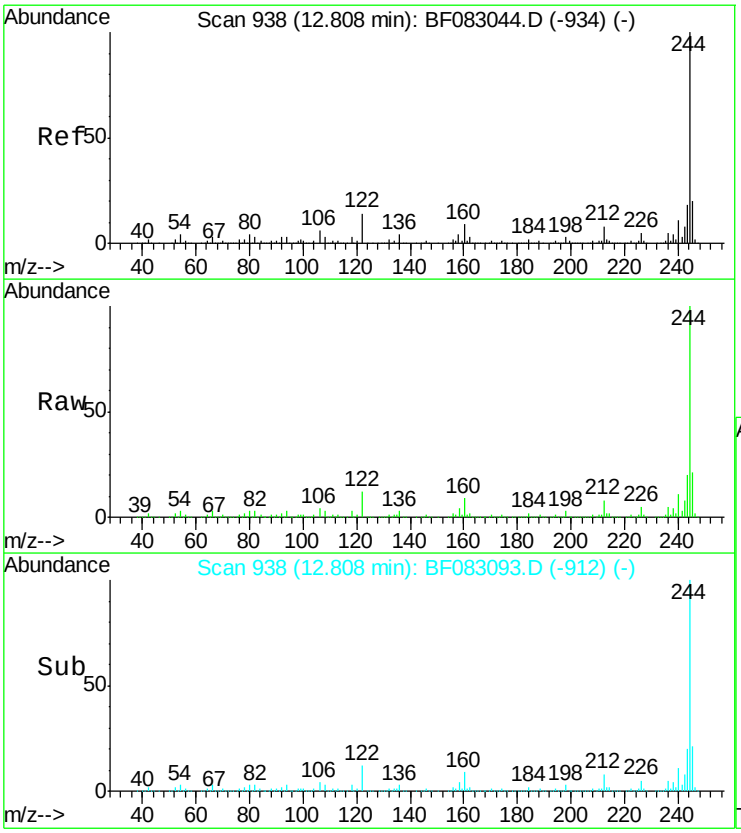
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion:240 Resp: 395439

Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.3	7.9#
236	25.8	20.4	30.6

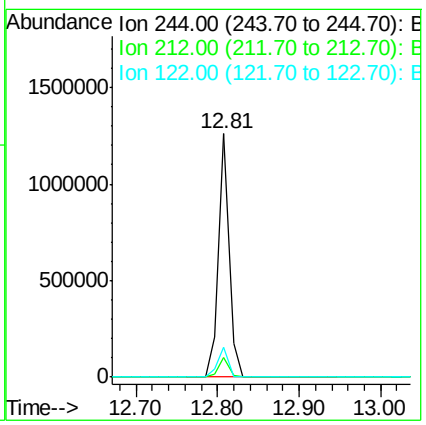


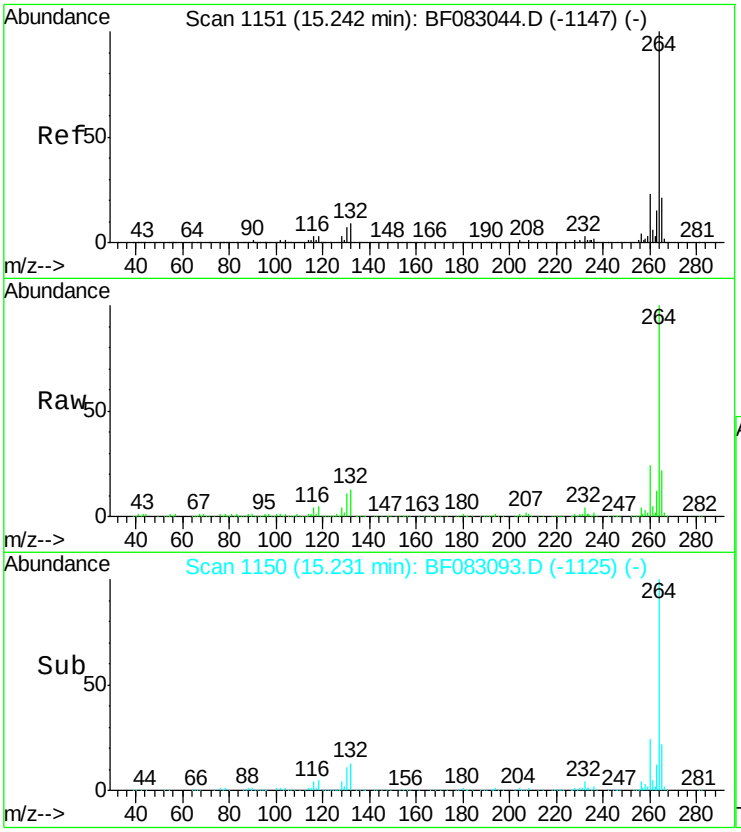


#78
Terphenyl-d14
Concen: 67.76 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:244 Resp: 1135028

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	12.0	10.9	16.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tgt Ion:264 Resp: 309445

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.0	25.6