Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083087.D
Acq On : 20 Nov 2015 17:51
Operator : UM/IZ
Sample : G4426-05DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5DL

Quant Time: Nov 20 23:41:56 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	152904	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	496569	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	255749	20.00	ng		0.01
63) Phenanthrene-d10	11.23	188	356548	20.00	ng		0.01
75) Chrysene-d12	13.85	240	397973	20.00	ng		-0.01
86) Perylene-d12	15.24	264	329536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	122269	12.42	ng		0.00
7) Phenol-d6	6.35	99	204447	15.77	ng		0.00
23) Nitrobenzene-d5	7.26	82	181125	16.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	13395	4.93	ng		0.01
44) 2-Fluorobiphenyl	9.08	172	228661	12.04	ng		0.00
78) Terphenyl-d14	12.81	244	183266	10.87	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.02	128	1682000	65.01	ng		97
37) 2-Methylnaphthalene	8.73	142	3291831	191.10	ng		97
57) Fluorene	10.30	166	418752	21.81	ng	#	86
70) Phenanthrene	11.26	178	1238963	57.60	ng	#	95

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

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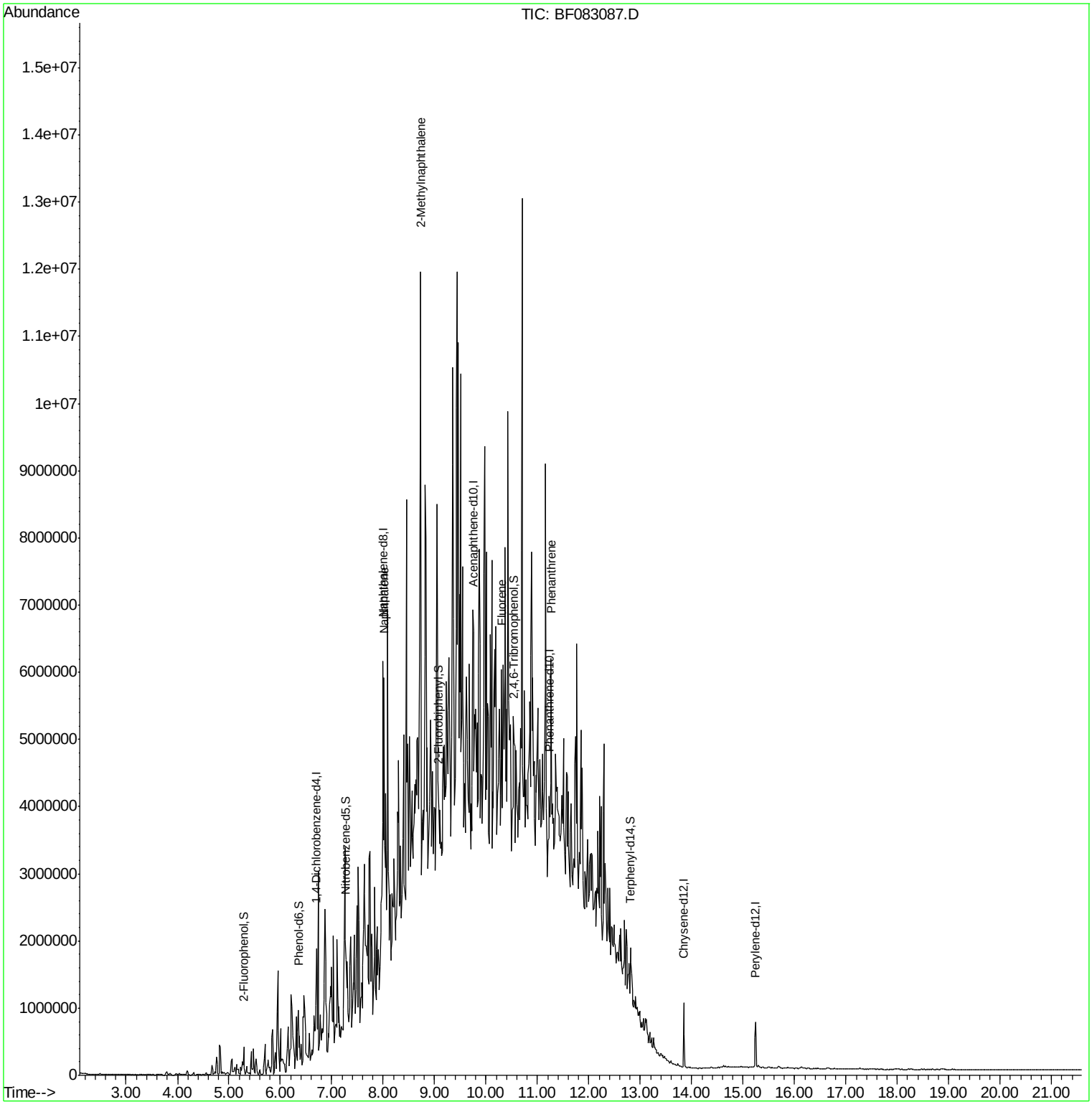
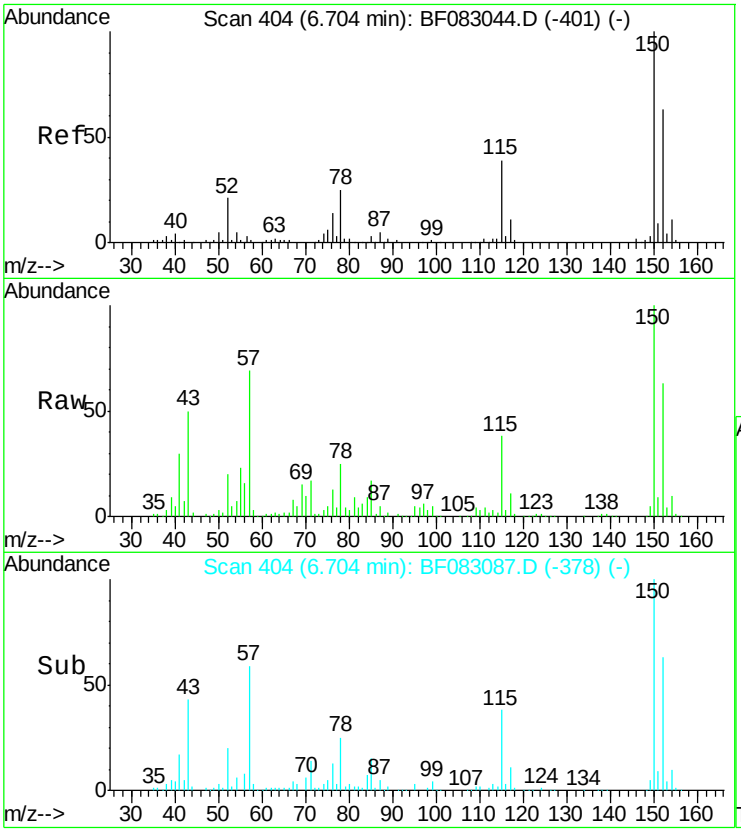


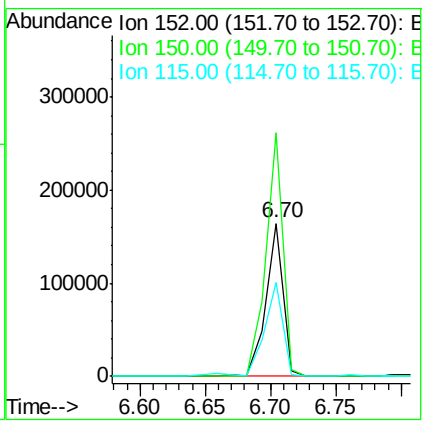


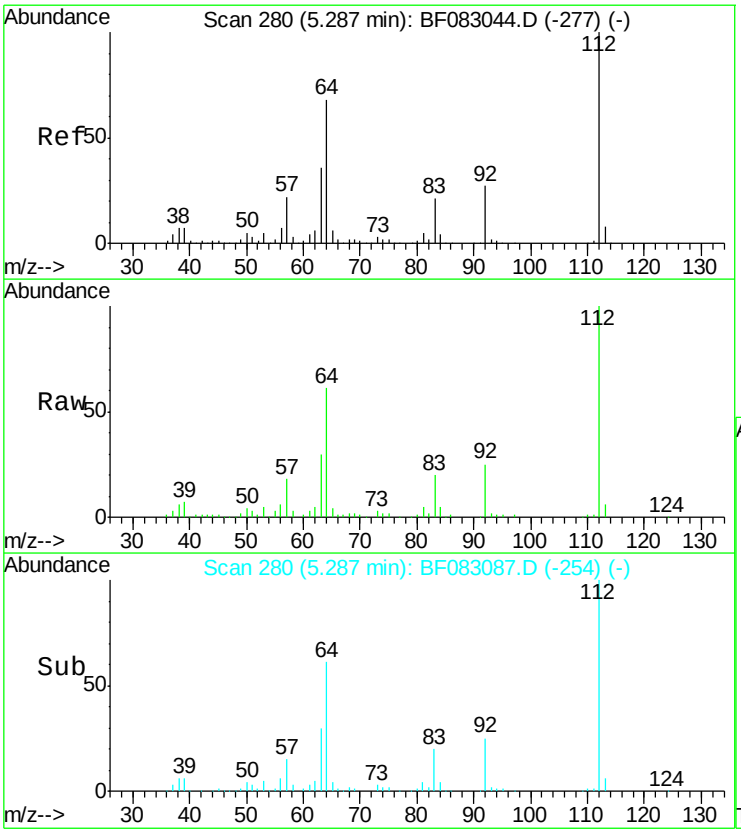
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion:152 Resp: 152904

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.4	189.6
115	61.1	49.0	73.6

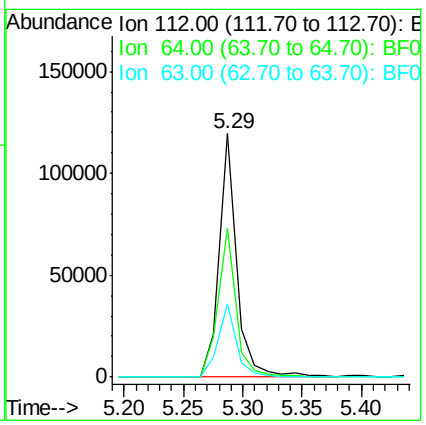


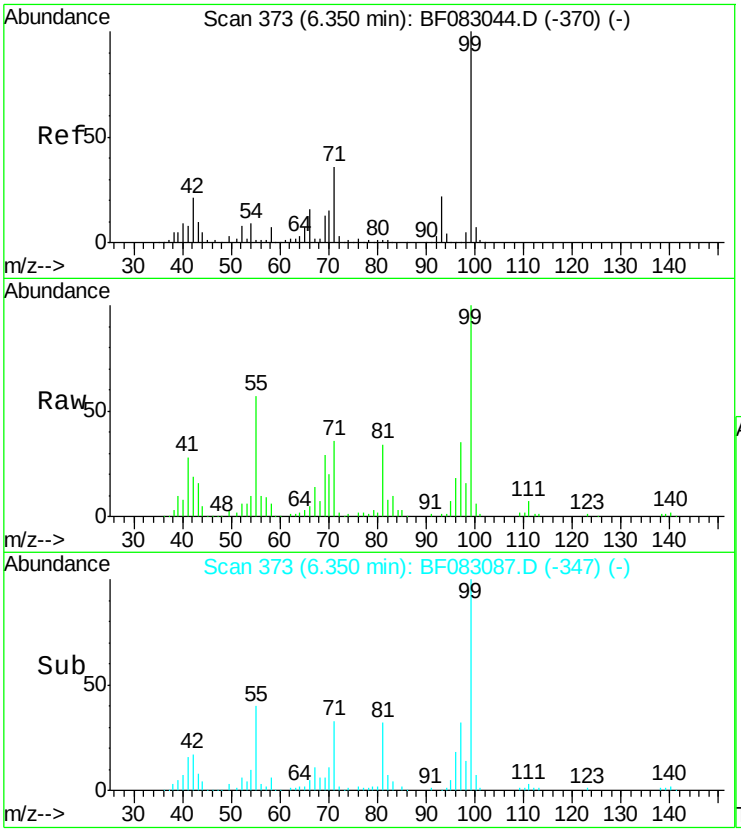


#5
2-Fluorophenol
Concen: 12.42 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:112 Resp: 122269

Ion	Ratio	Lower	Upper
112	100		
64	60.9	54.8	82.2
63	30.4	29.0	43.4



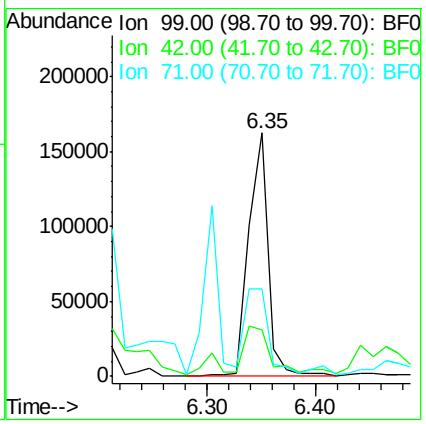


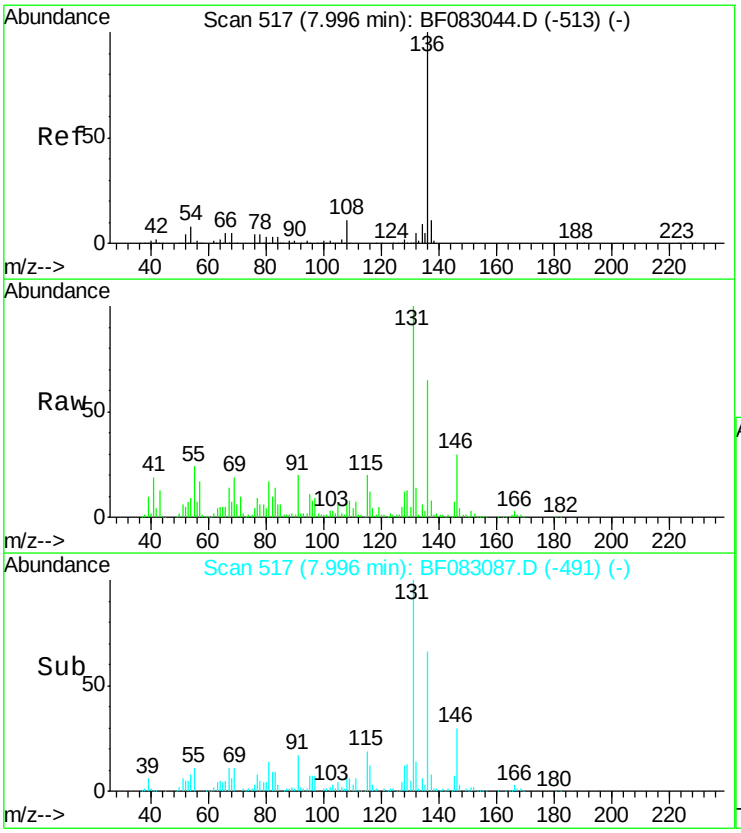
#7
Phenol-d6
Concen: 15.77 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion: 99 Resp: 204447

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.6	25.0
71	36.0	29.2	43.8

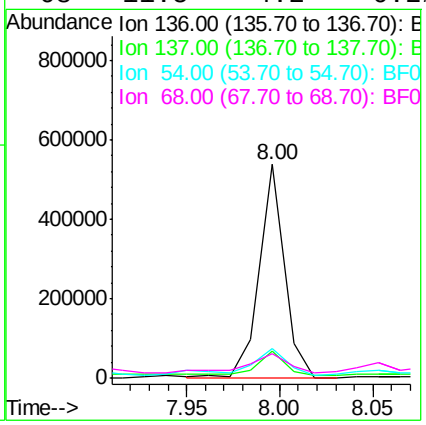


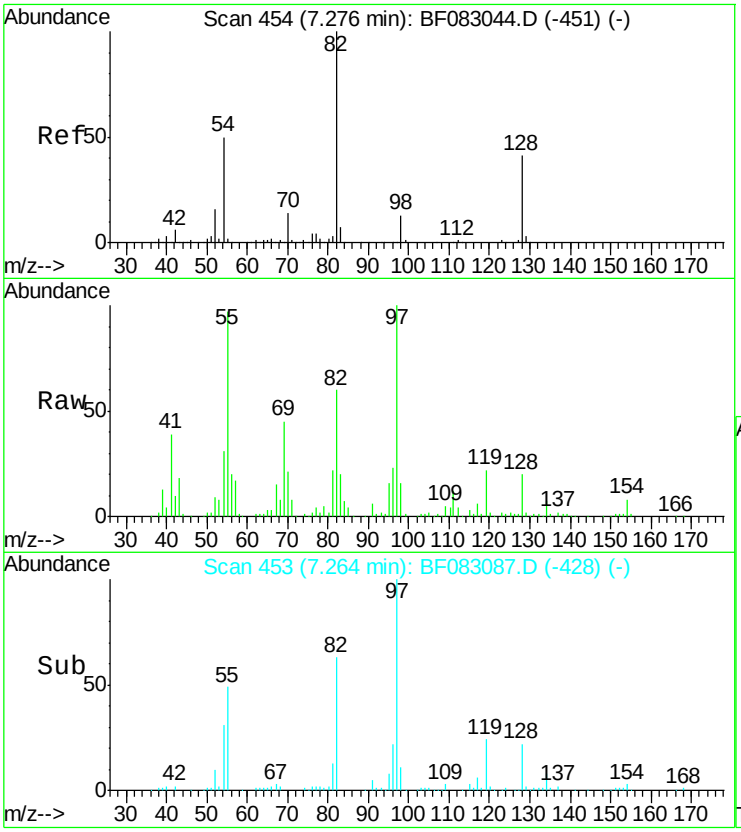


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:136 Resp: 496569

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.6	12.8
54	13.5	6.2	9.2#
68	11.5	4.2	6.2#



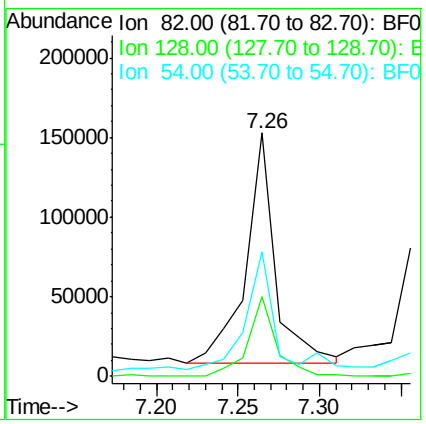


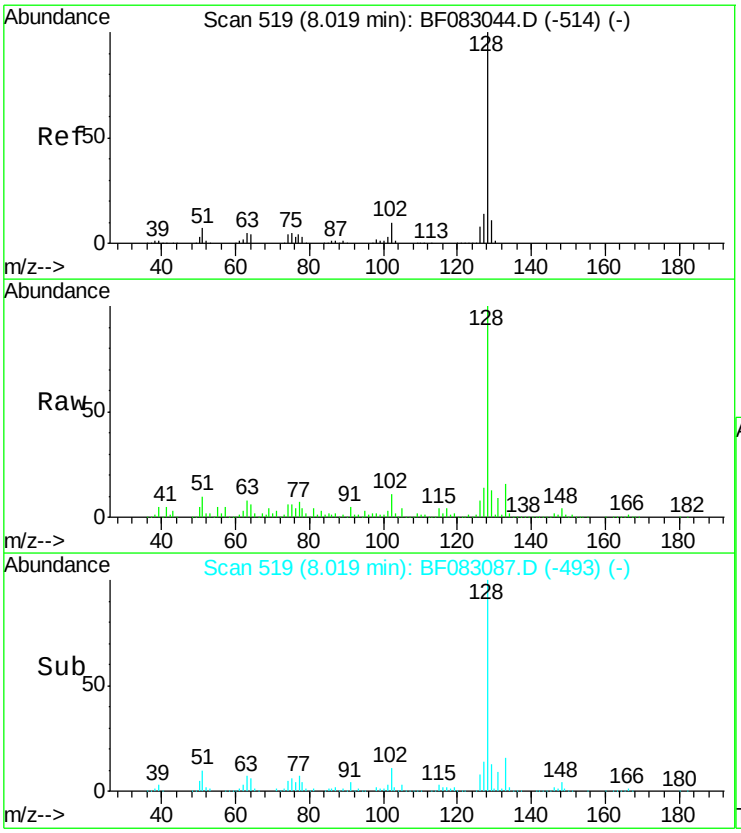
#23
Nitrobenzene-d5
Concen: 16.70 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion: 82 Resp: 181125

Ion	Ratio	Lower	Upper
82	100		
128	32.9	33.1	49.7#
54	51.4	39.8	59.6

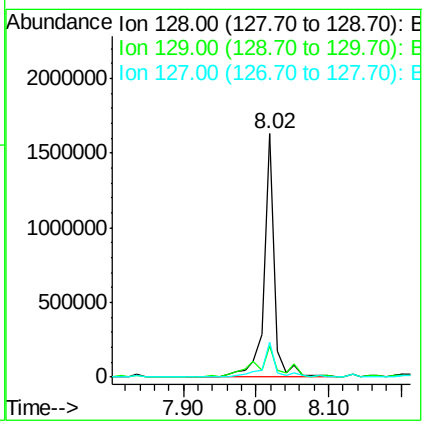


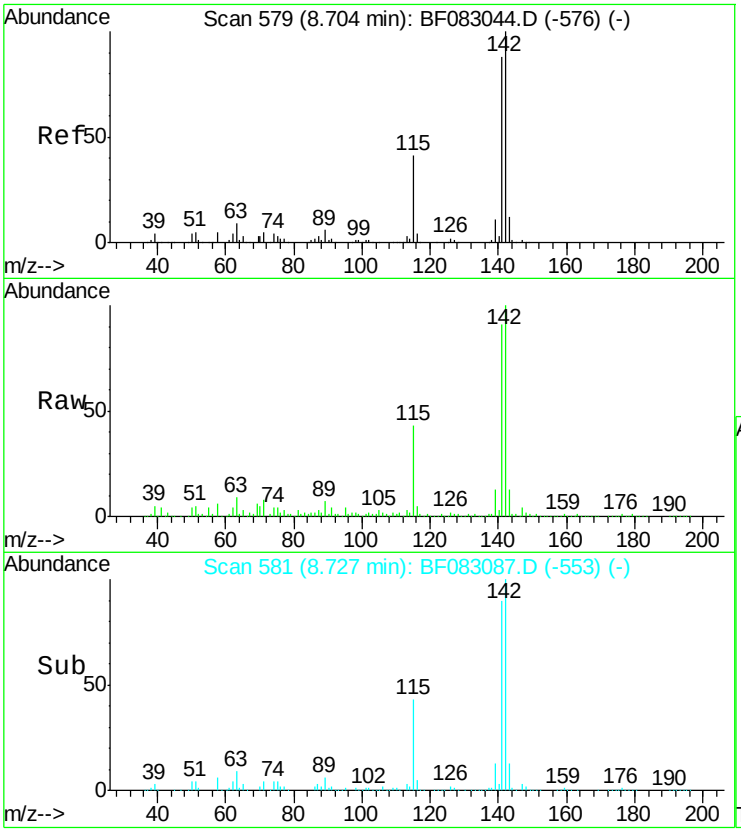


#31
Naphthalene
Concen: 65.01 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:128 Resp: 1682000

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.4
127	14.3	10.9	16.3



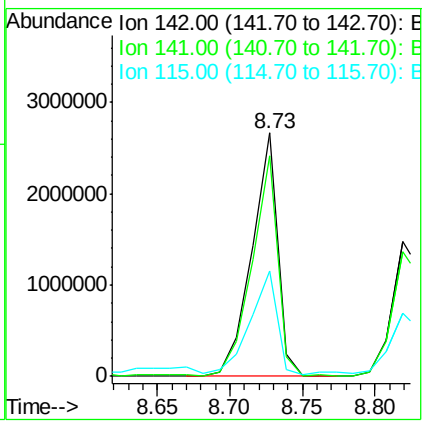


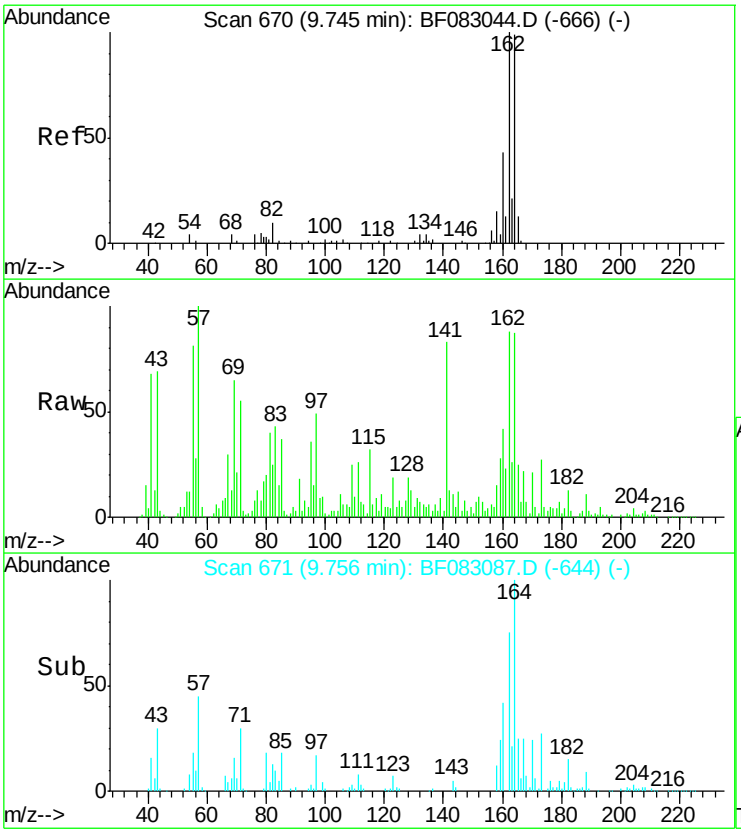
#37
2-Methylnaphthalene
Concen: 191.10 ng
RT: 8.73 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion:142 Resp: 3291831

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.7	106.1
115	43.5	33.1	49.7

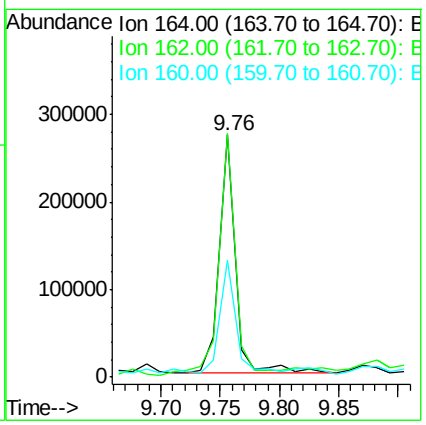


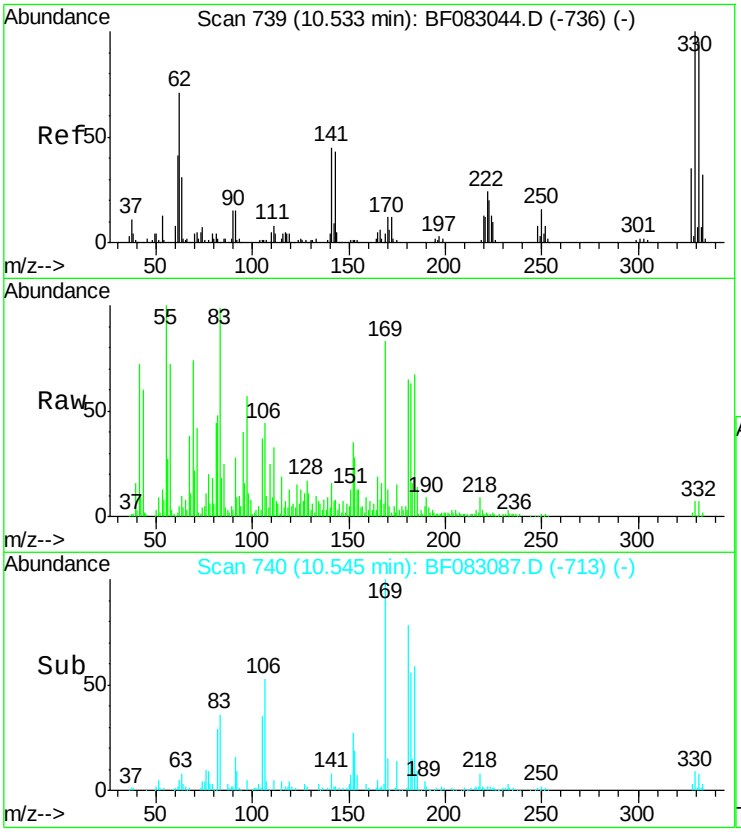


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:164 Resp: 255749

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.5	120.7
160	48.2	35.0	52.4



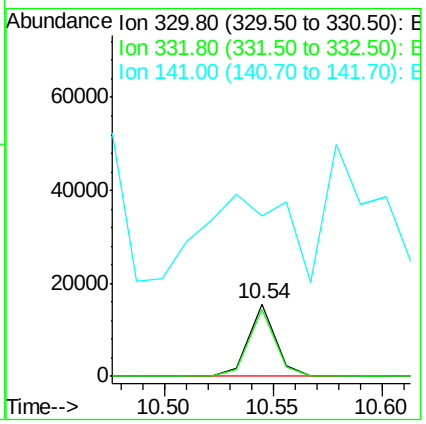


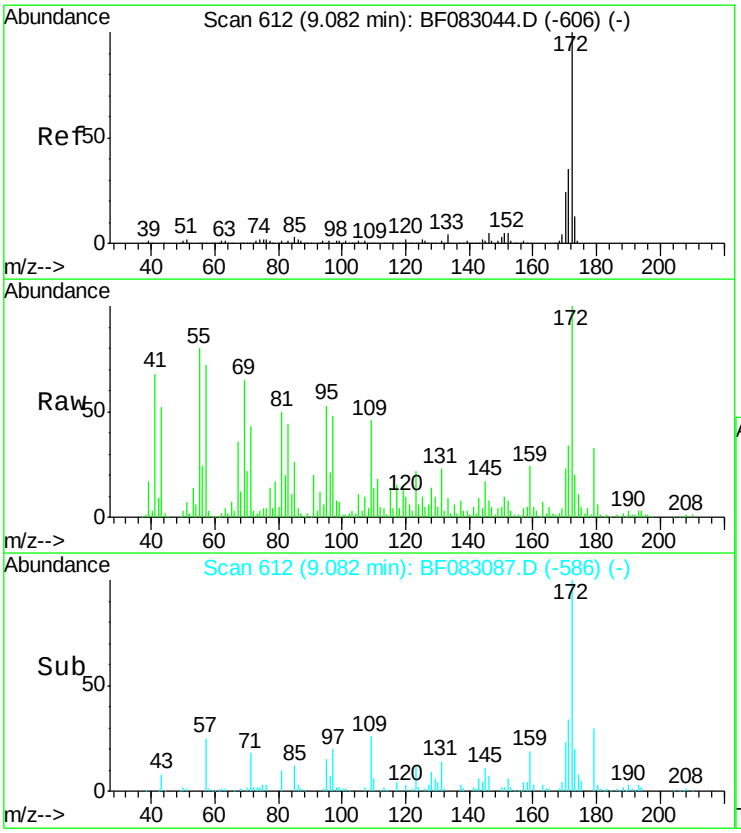
#41
2,4,6-Tribromophenol
Concen: 4.93 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion:330 Resp: 13395

Ion	Ratio	Lower	Upper
330	100		
332	91.4	77.6	116.4
141	371.0	34.6	52.0#

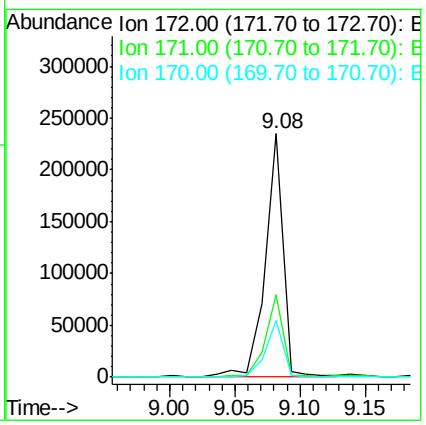


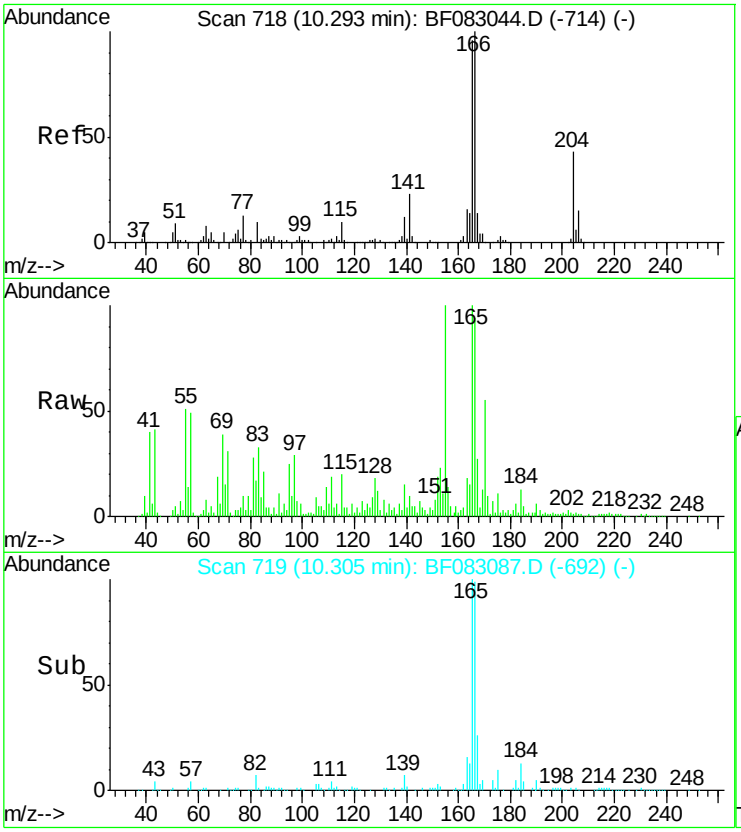


#44
2-Fluorobiphenyl
Concen: 12.04 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:172 Resp: 228661

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.4
170	23.3	19.4	29.0



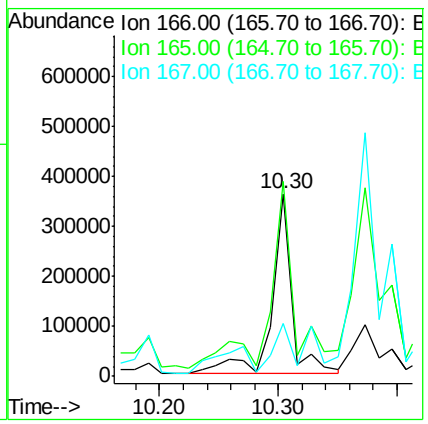


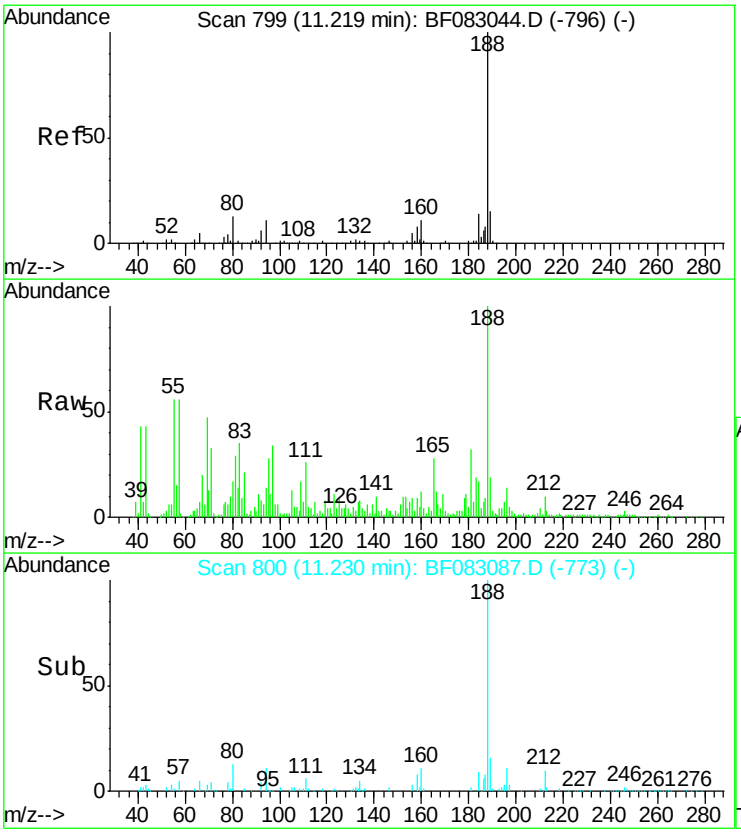
#57
Fluorene
Concen: 21.81 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion:166 Resp: 418752

Ion	Ratio	Lower	Upper
166	100		
165	106.9	77.1	115.7
167	28.7	11.0	16.4#

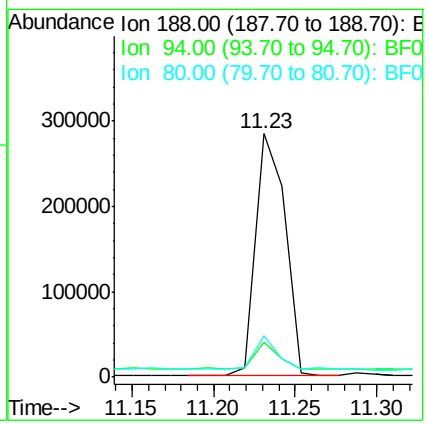


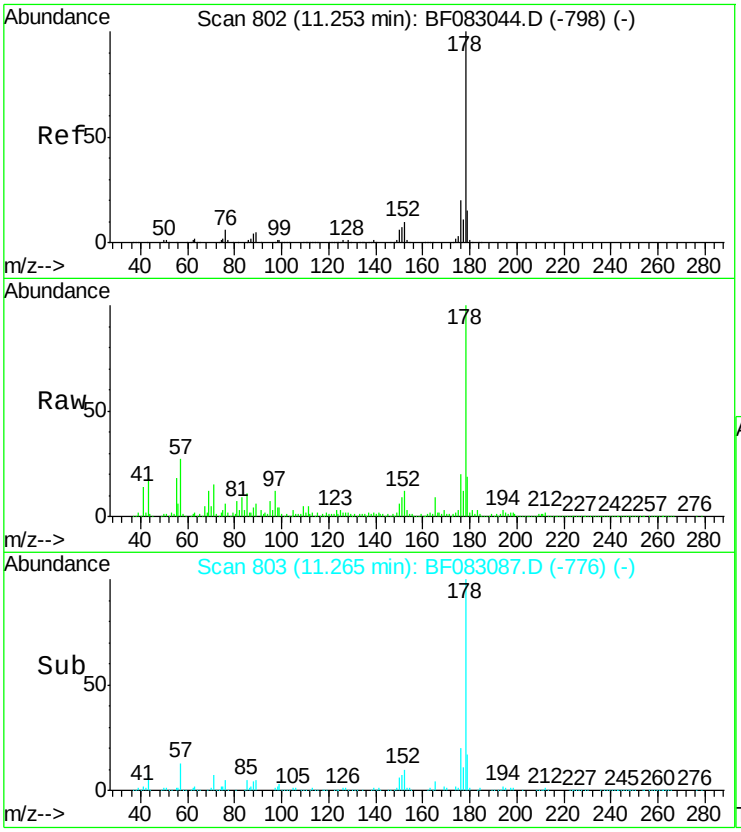


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:188 Resp: 356548

Ion	Ratio	Lower	Upper
188	100		
94	14.3	9.0	13.4#
80	16.9	10.2	15.4#



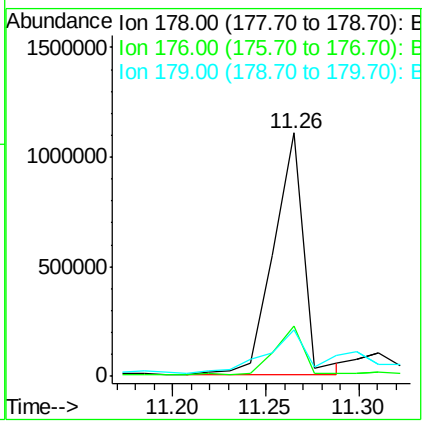


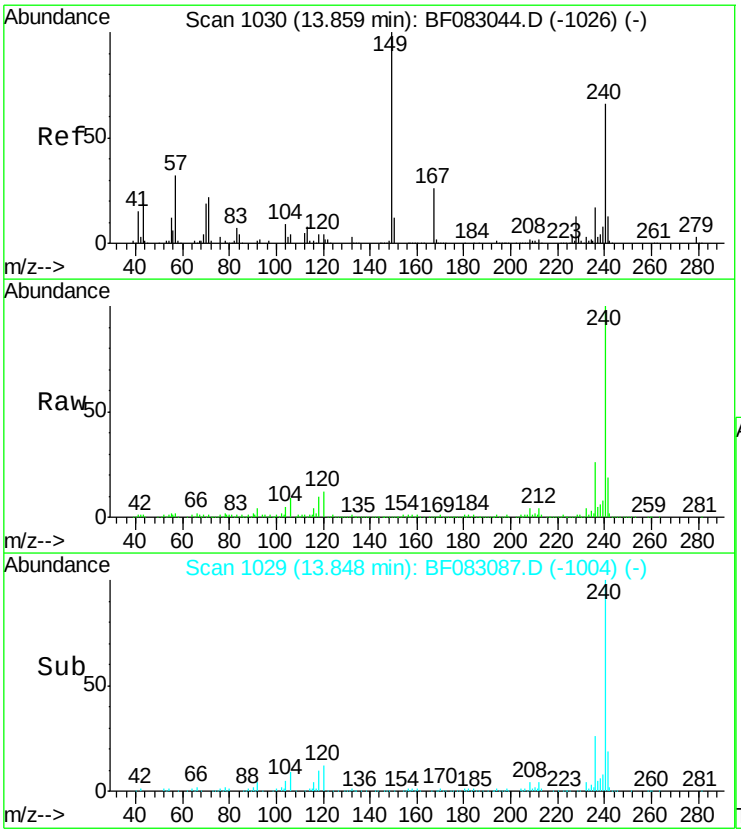
#70
Phenanthrene
Concen: 57.60 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion:178 Resp: 1238963

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	19.1	12.3	18.5#

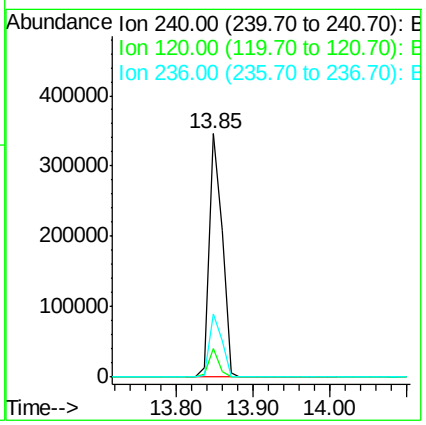


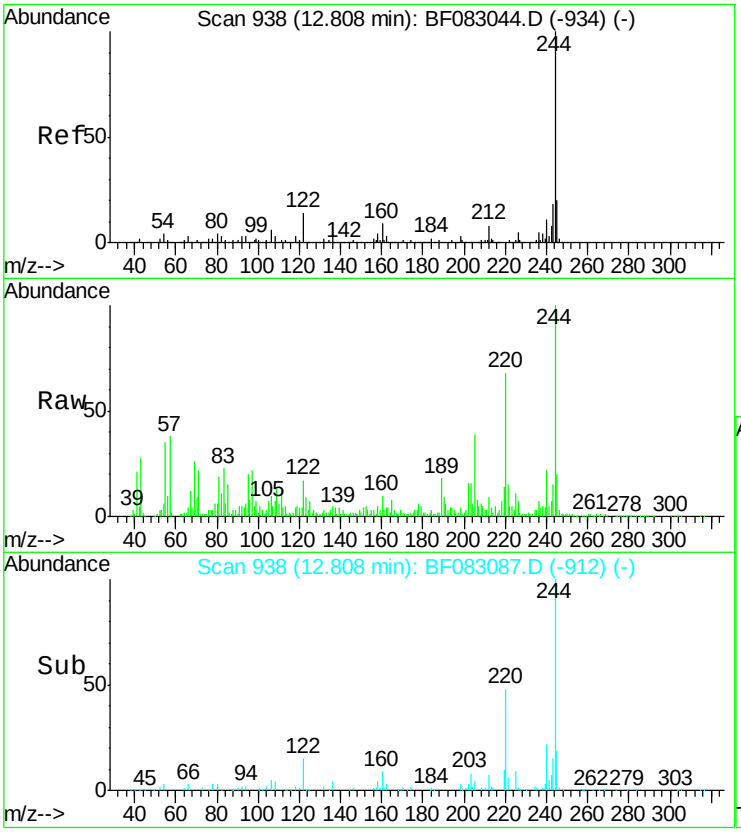


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:240 Resp: 397973

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.3	7.9#
236	26.0	20.4	30.6



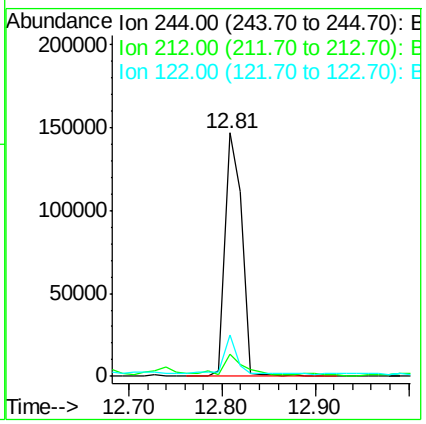


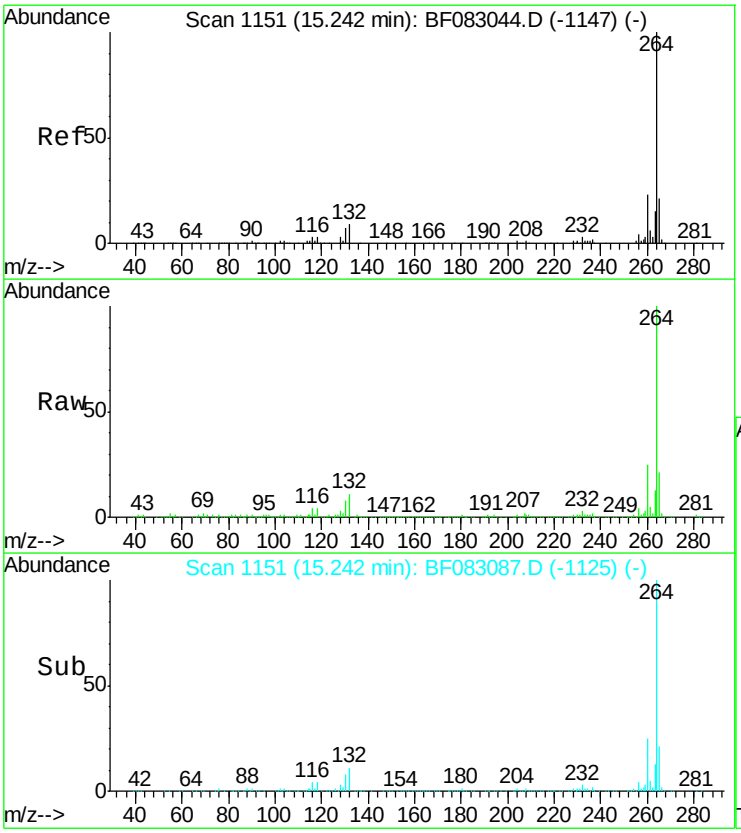
#78
Terphenyl-d14
Concen: 10.87 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tgt Ion:244 Resp: 183266

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.4	9.6
122	16.8	10.9	16.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:264 Resp: 329536

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.0	17.0	25.6