Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083482.D
Acq On : 4 Dec 2015 2:25
Operator : UM/IZ
Sample : G4617-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11

Quant Time: Dec 04 03:42:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	470471	20.00	ng		0.14
21) Naphthalene-d8	7.81	136	581255	20.00	ng		-0.02
38) Acenaphthene-d10	9.56	164	285161	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	441715	20.00	ng		-0.03
75) Chrysene-d12	14.71	240	356323	20.00	ng		-0.06
86) Perylene-d12	16.77	264	286356	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1058908	33.77	ng		-0.01
7) Phenol-d6	6.20	99	1345825	31.36	ng		-0.02
23) Nitrobenzene-d5	7.10	82	969694	73.34	ng		-0.02
41) 2,4,6-Tribromophenol	10.35	330	234276	81.84	ng		-0.03
44) 2-Fluorobiphenyl	8.90	172	1388718	69.40	ng		-0.02
78) Terphenyl-d14	13.19	244	1000817	66.98	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	27269	Below Cal			83
19) n-Nitroso-di-n-propylamine	7.10	70	133387	4.35	ng	#	79
25) Isophorone	7.10	82	725103	28.31	ng	#	70
49) Dimethylphthalate	9.30	163	304401	13.14	ng		98
56) 2,4-Dinitrotoluene	9.56	165	38377	6.11	ng	#	6
66) 4-Bromophenyl-phenylether	10.35	248	16289	3.37	ng	#	1
70) Phenanthrene	11.12	178	79195	3.03	ng		98
74) Fluoranthene	12.62	202	87044	3.21	ng		93
77) Pyrene	12.93	202	74627	3.00	ng		99
87) Benzo(b)fluoranthene	16.26	252	51686	2.81	ng		96
88) Benzo(k)fluoranthene	16.26	252	51686	2.98	ng	#	96

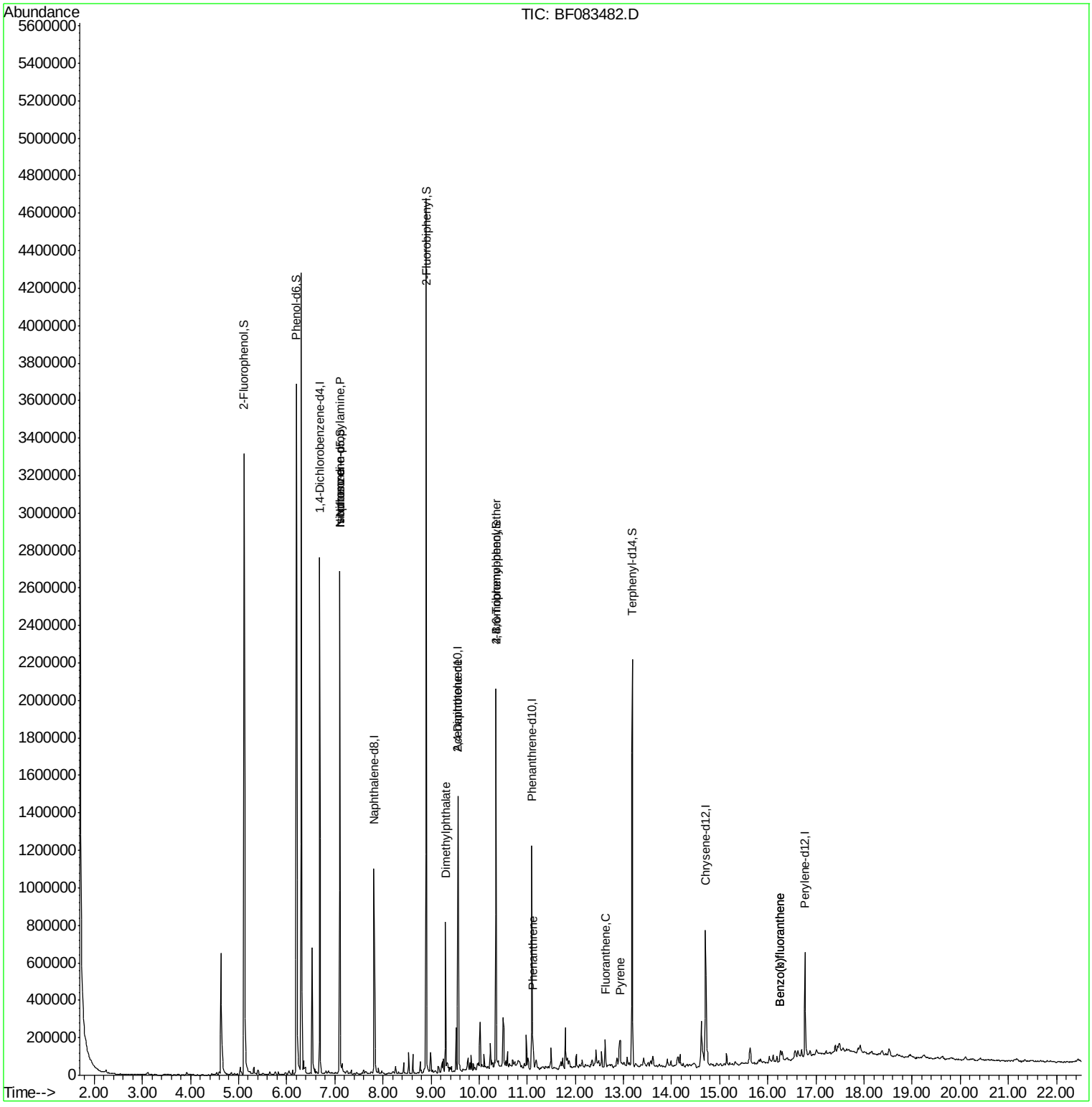
(#) = qualifier out of range (m) = manual integration (+) = signals summed

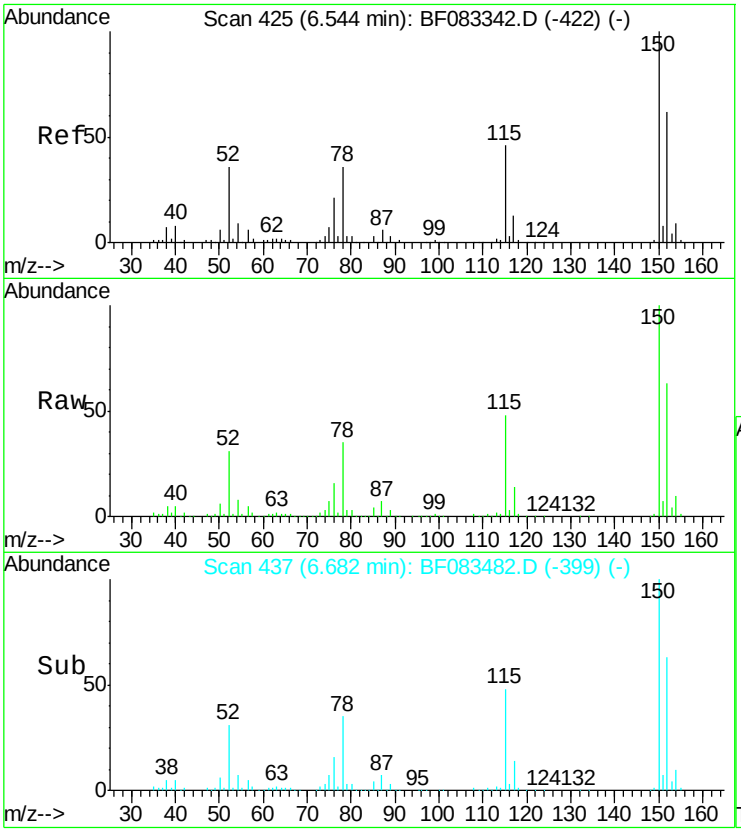
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083482.D
Acq On : 4 Dec 2015 2:25
Operator : UM/IZ
Sample : G4617-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11

Quant Time: Dec 04 03:42:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration



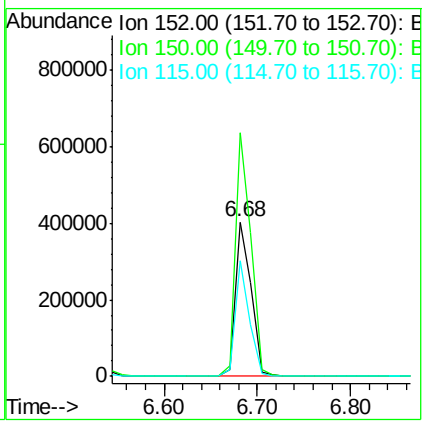


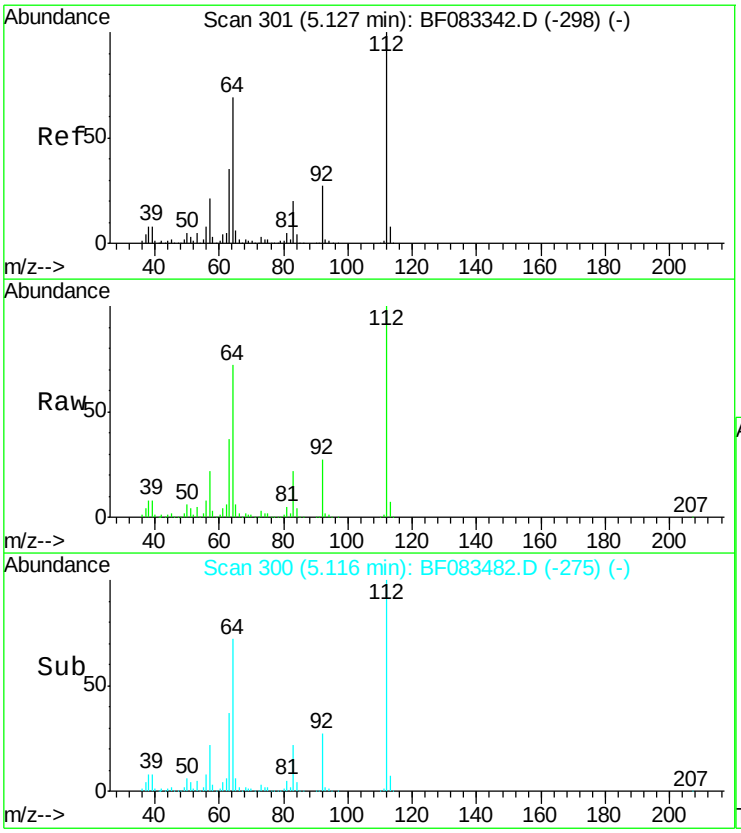
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 437
Delta R.T. 0.14 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:152 Resp: 470471

Ion	Ratio	Lower	Upper
152	100		
150	157.6	129.8	194.8
115	75.0	59.2	88.8

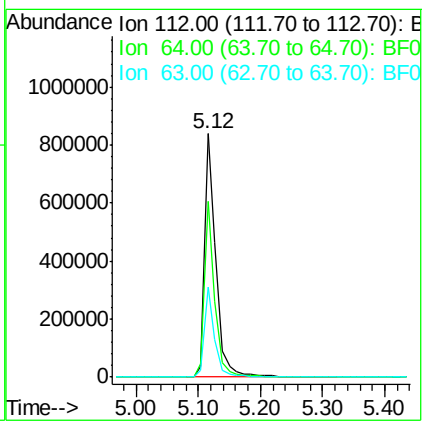


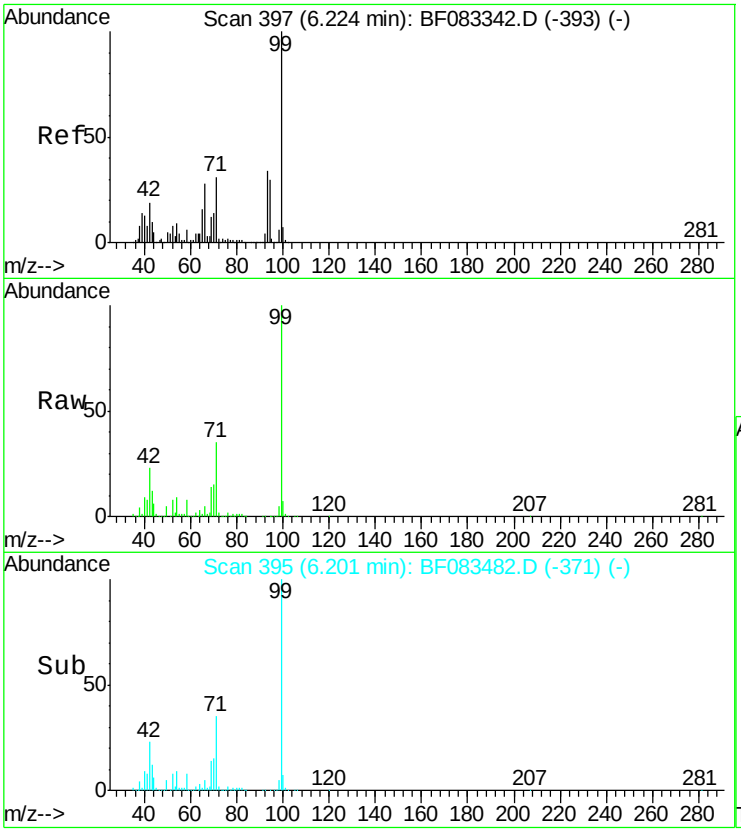


#5
2-Fluorophenol
Concen: 33.77 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:112 Resp: 1058908

Ion	Ratio	Lower	Upper
112	100		
64	72.3	55.6	83.4
63	37.1	28.2	42.2



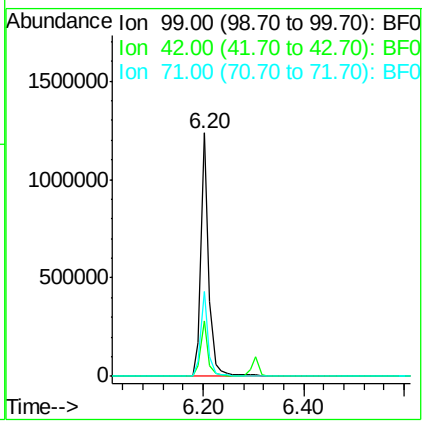


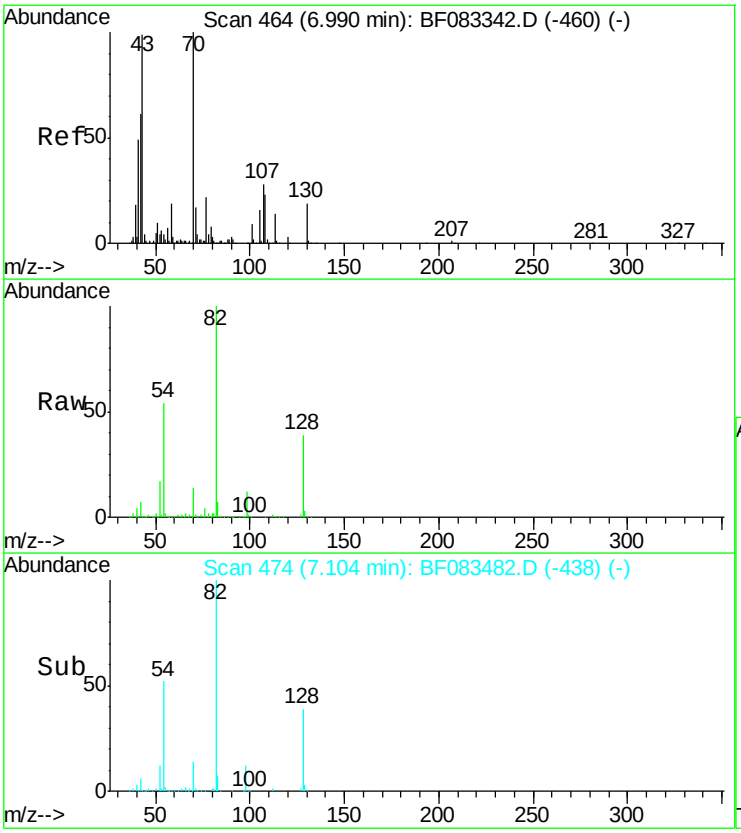
#7
Phenol-d6
Concen: 31.36 ng
RT: 6.20 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion: 99 Resp: 1345825

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.9	22.3#
71	35.1	24.7	37.1

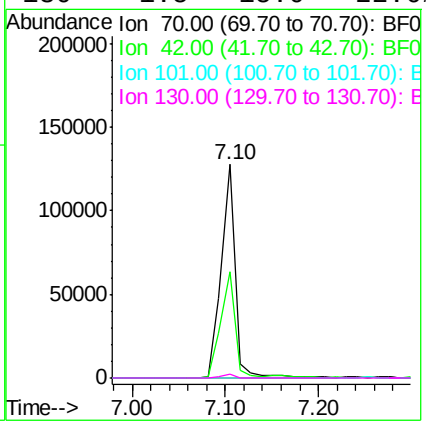


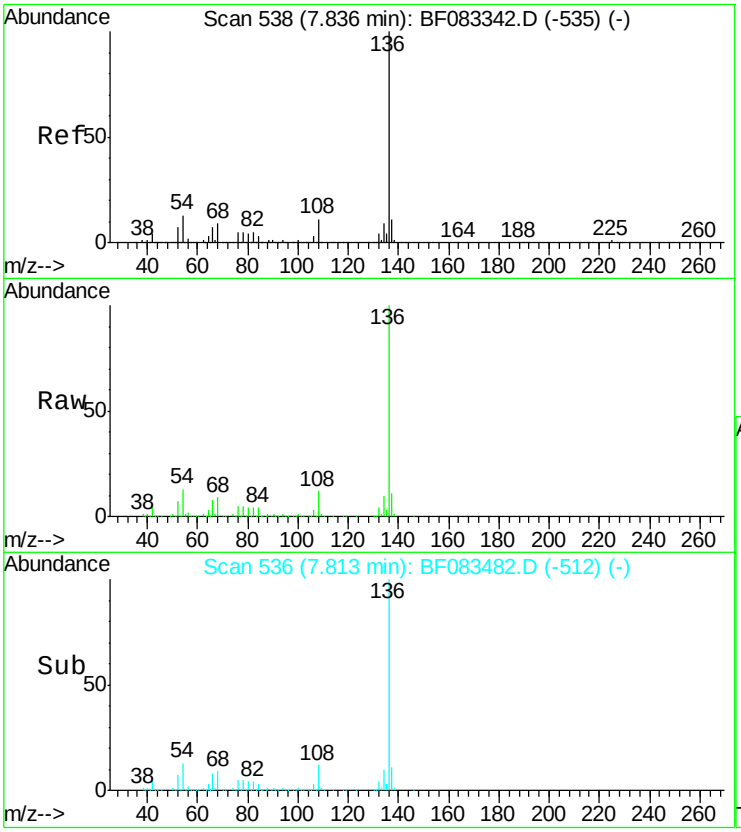


#19
n-Nitroso-di-n-propylamine
Concen: 4.35 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion: 70 Resp: 133387

Ion	Ratio	Lower	Upper
70	100		
42	50.0	48.8	73.2
101	0.0	7.1	10.7#
130	1.5	15.0	22.6#



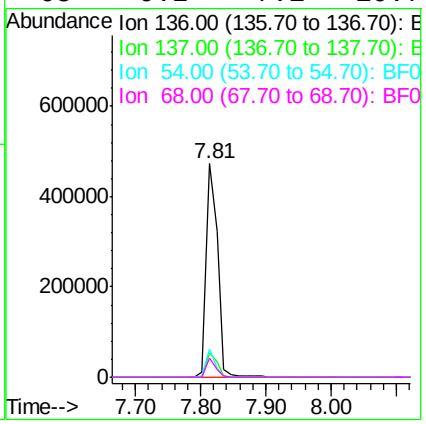


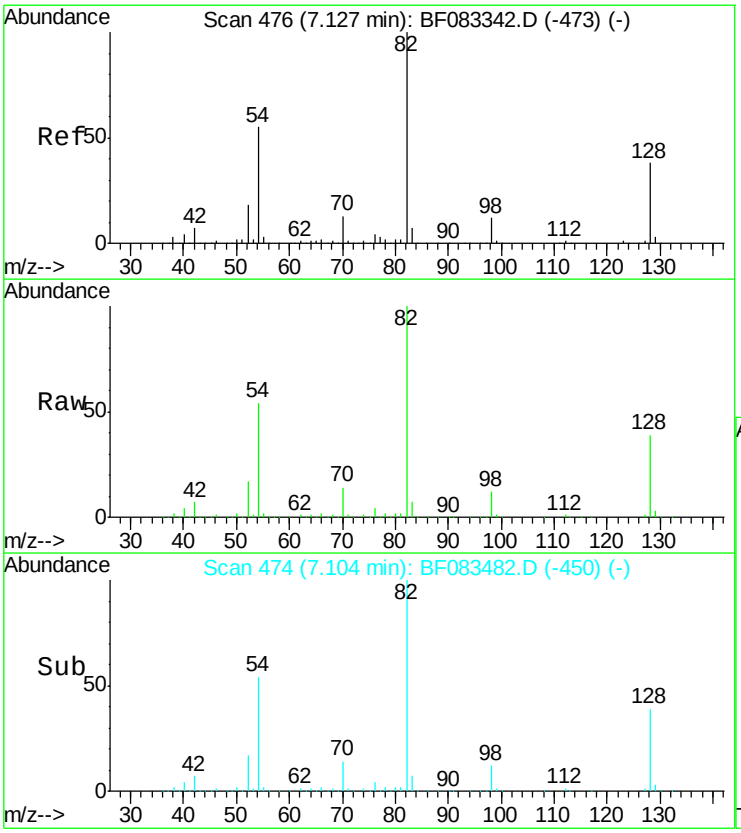
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:136 Resp: 581255

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	13.2	10.1	15.1
68	9.2	7.1	10.7

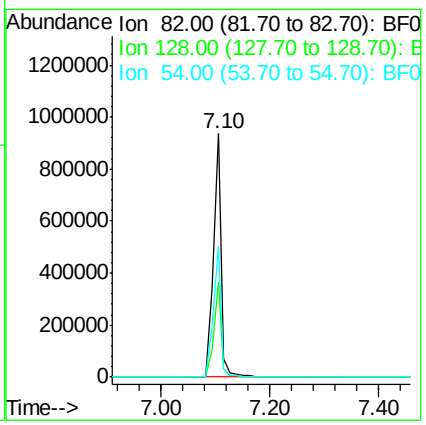


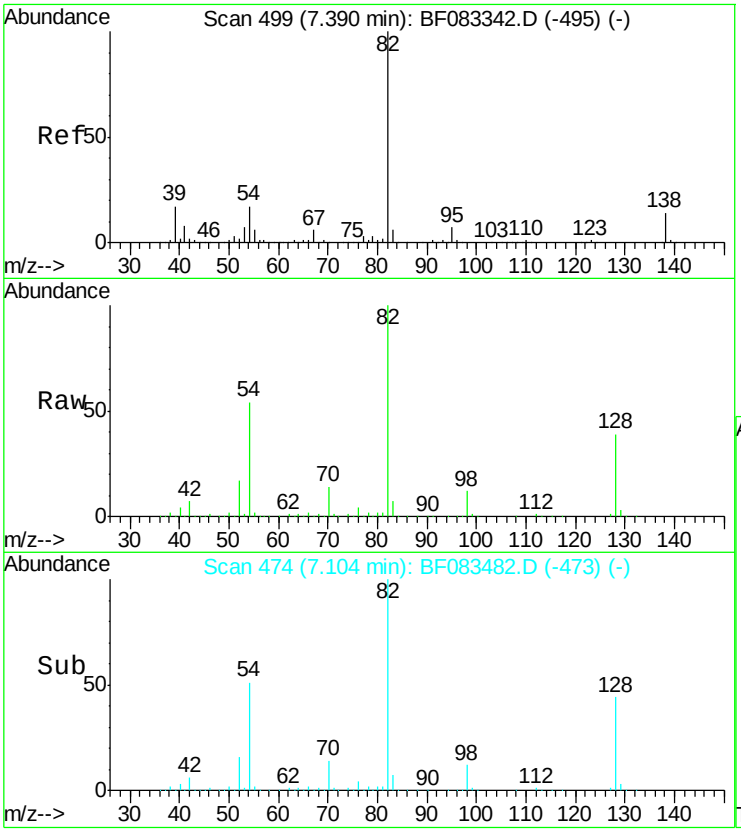


#23
Nitrobenzene-d5
Concen: 73.34 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion: 82 Resp: 969694

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.6	46.0
54	53.5	43.8	65.6



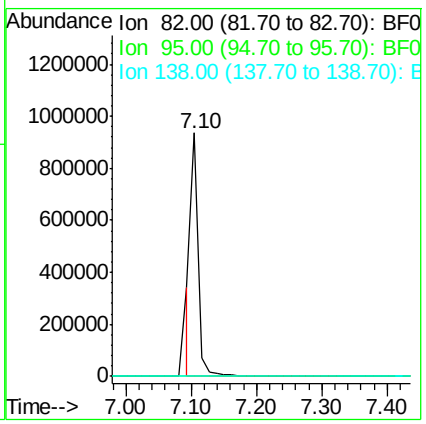


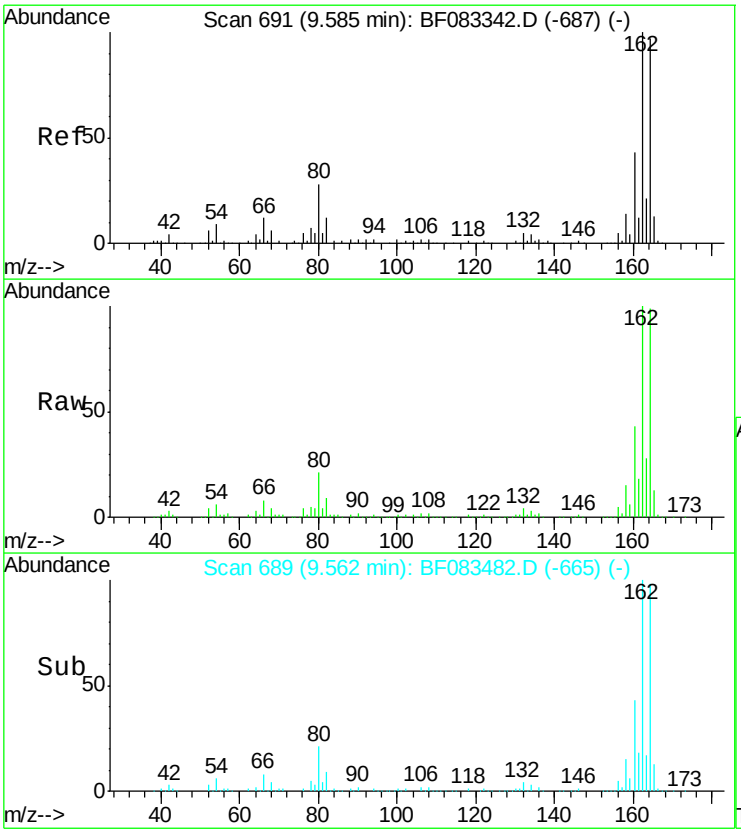
#25
Isophorone
Concen: 28.31 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion: 82 Resp: 725103

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	11.6	17.4#

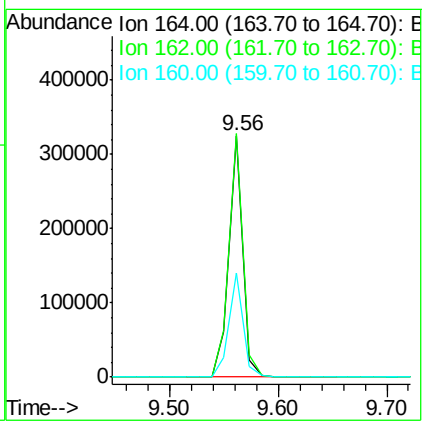


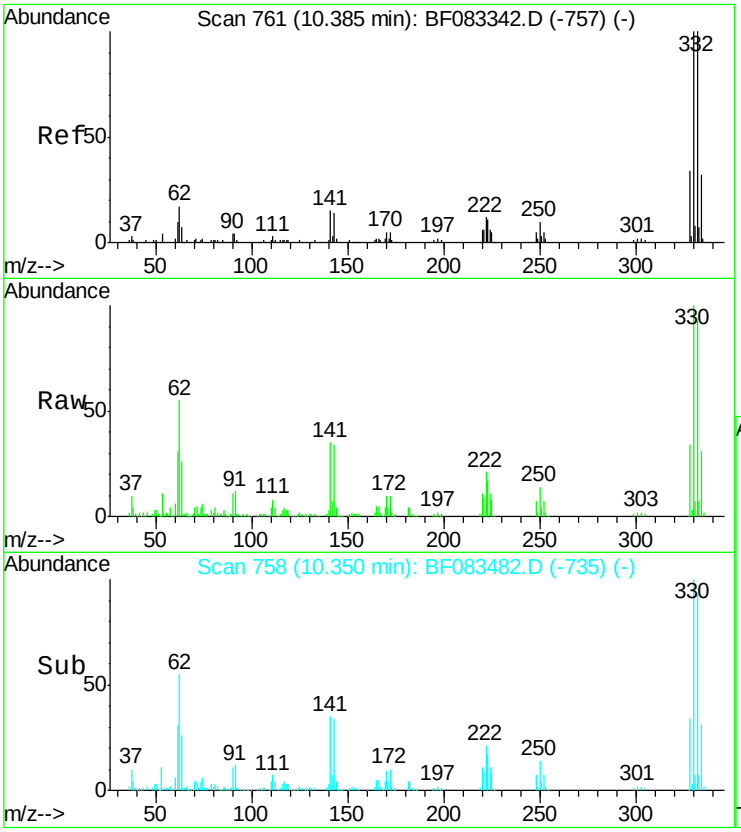


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:164 Resp: 285161

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	43.3	35.3	52.9



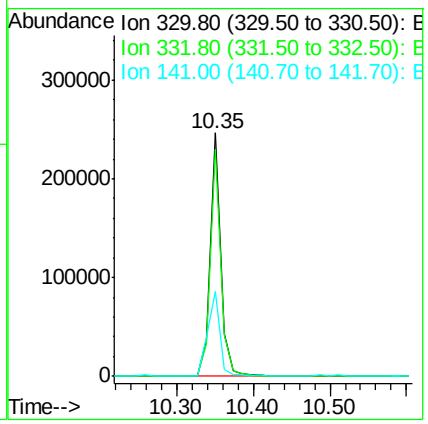


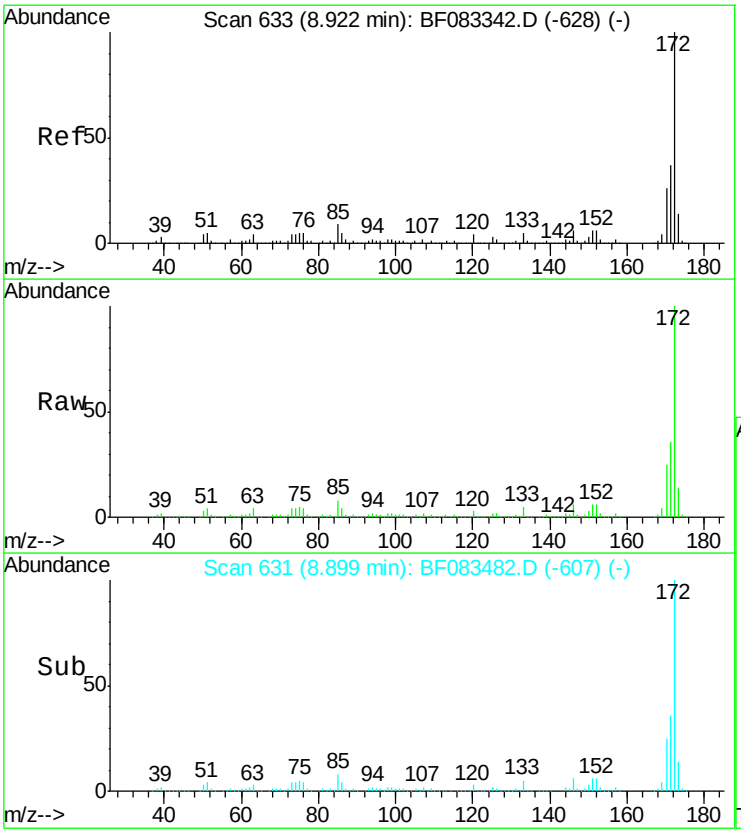
#41
2,4,6-Tribromophenol
Concen: 81.84 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:330 Resp: 234276

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.8	116.6
141	40.0	29.4	44.0

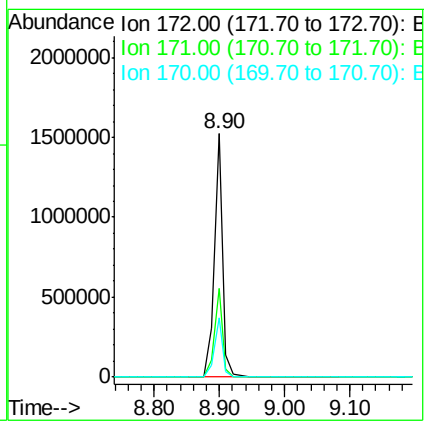


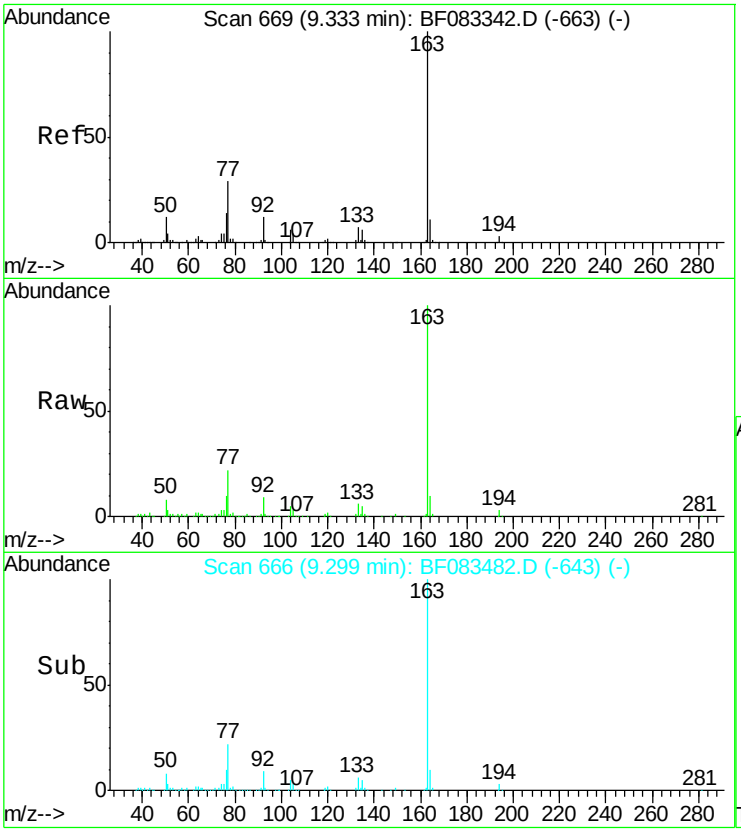


#44
2-Fluorobiphenyl
Concen: 69.40 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:172 Resp: 1388718

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	20.4	30.6



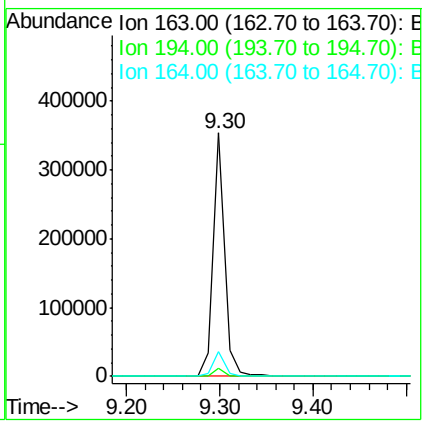


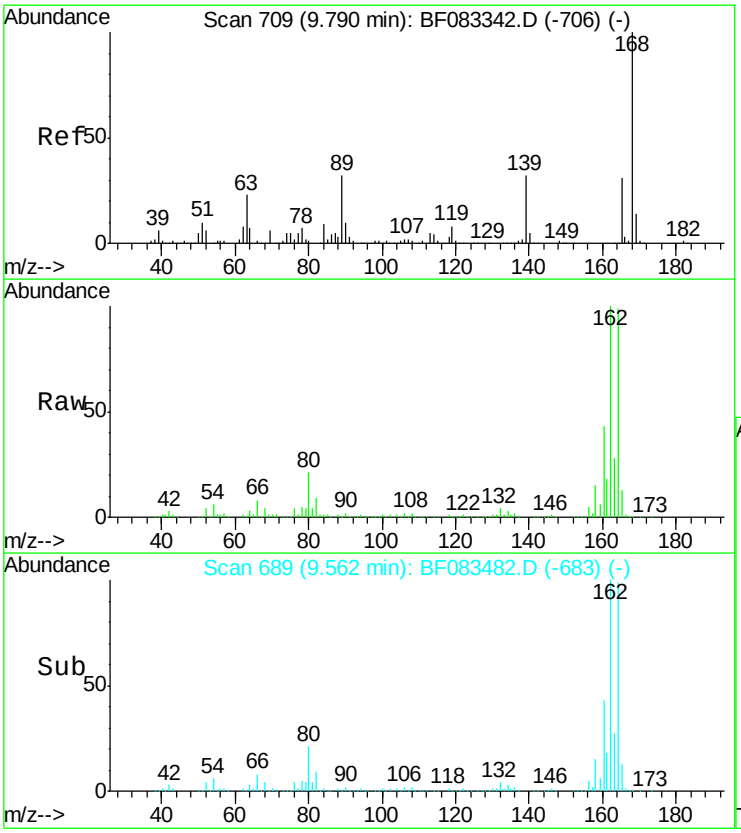
#49
Dimethylphthalate
Concen: 13.14 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:163 Resp: 304401

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.8	13.2

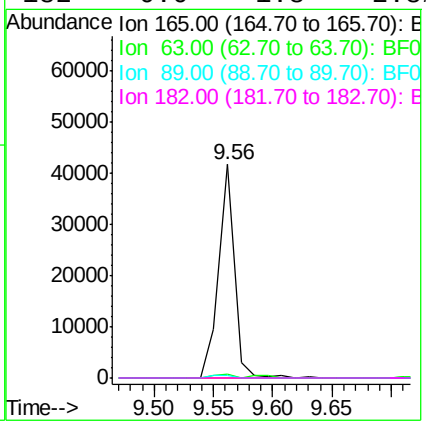


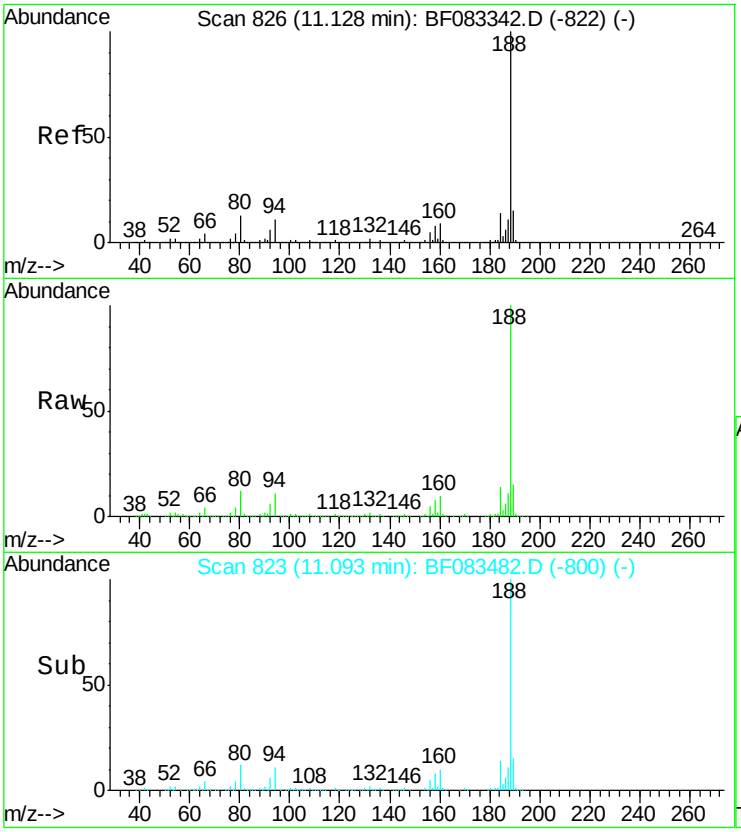


#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.23 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:165 Resp: 38377

Ion	Ratio	Lower	Upper
165	100		
63	1.7	65.4	98.0#
89	1.3	81.2	121.8#
182	0.0	1.8	2.8#



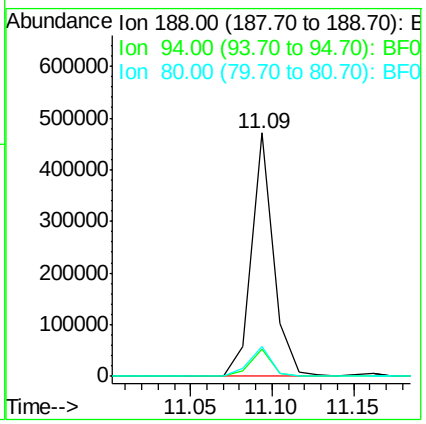


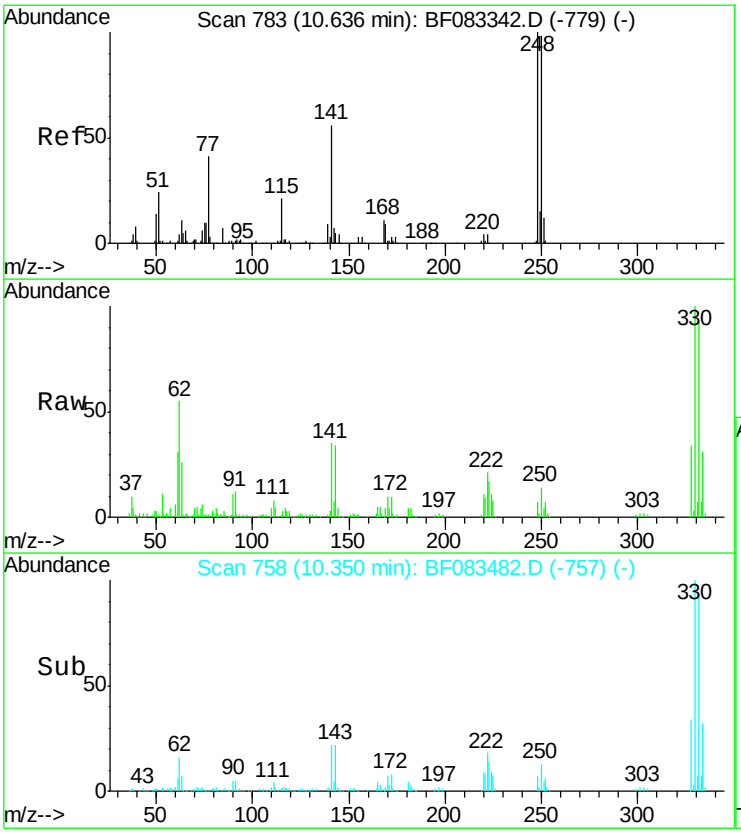
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:188 Resp: 441715

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.7	13.1
80	12.5	10.3	15.5

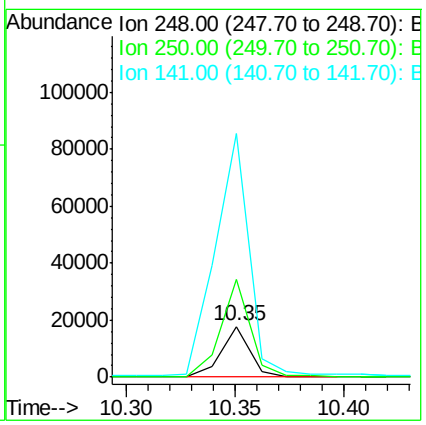


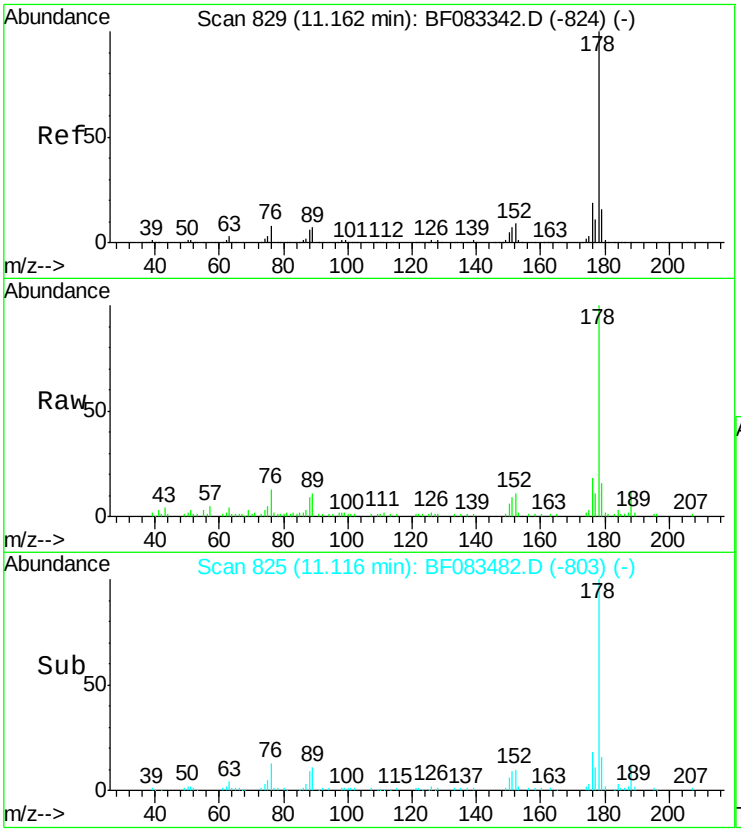


#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:248 Resp: 16289

Ion	Ratio	Lower	Upper
248	100		
250	193.9	78.6	118.0#
141	482.3	44.4	66.6#



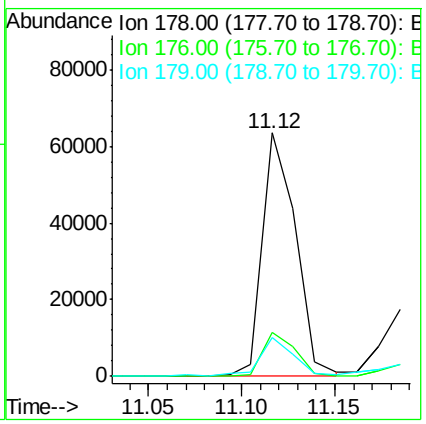


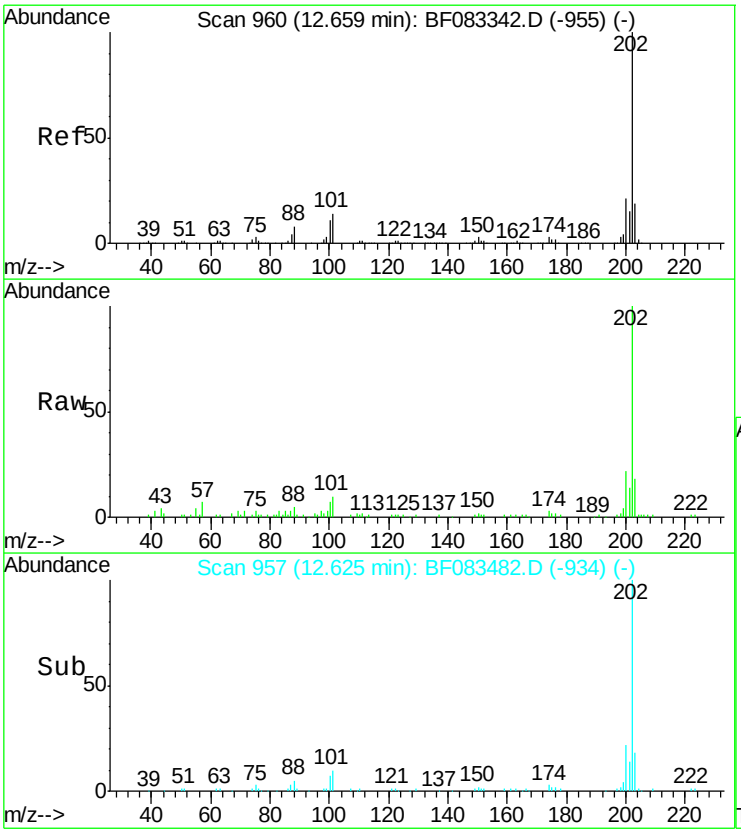
#70
Phenanthrene
Concen: 3.03 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:178 Resp: 79195

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	16.0	12.4	18.6

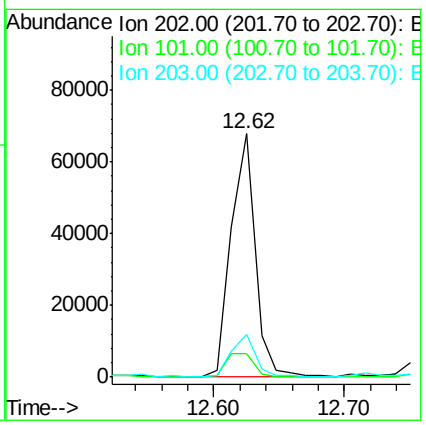


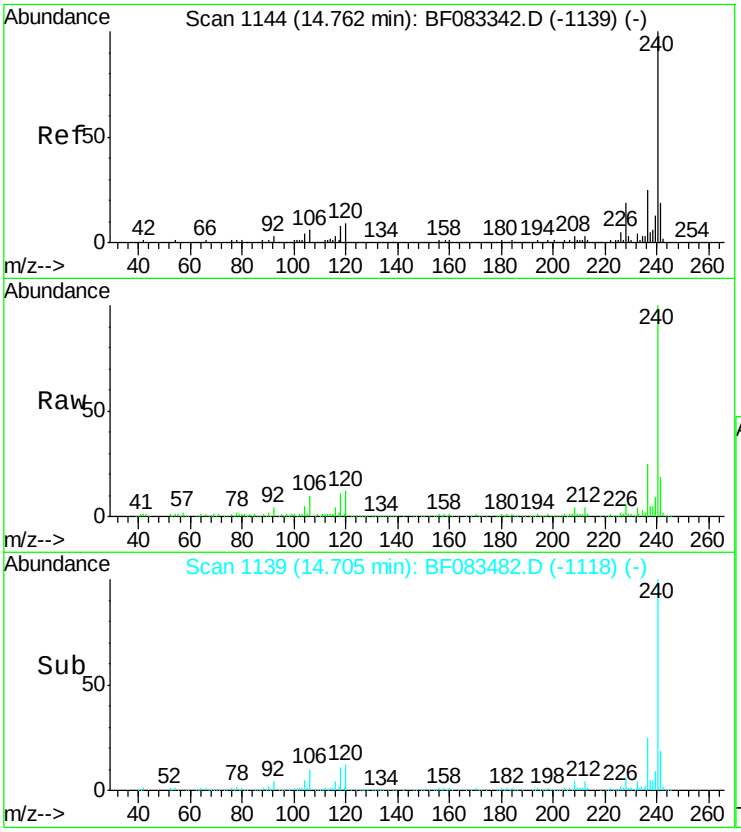


#74
Fluoranthene
Concen: 3.21 ng
RT: 12.62 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:202 Resp: 87044

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.5
203	17.5	0.0	38.7



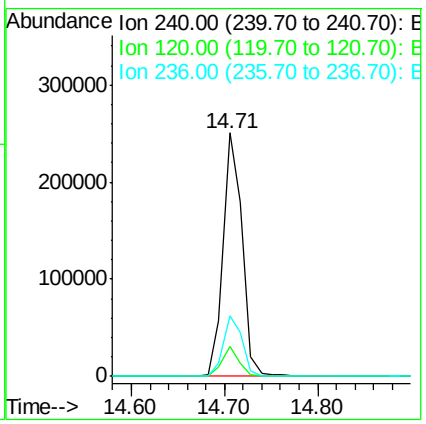


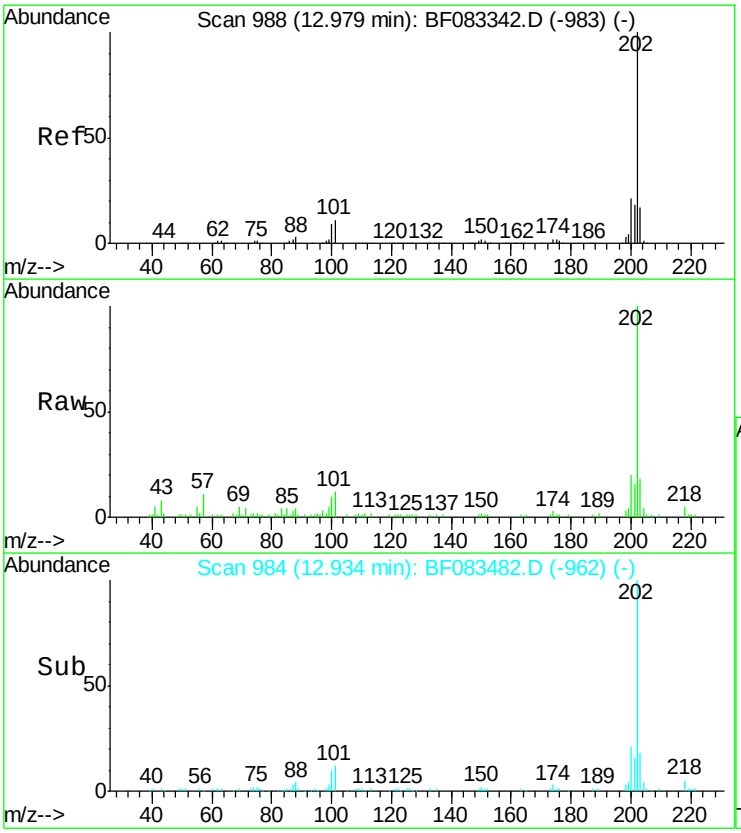
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:240 Resp: 356323

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.9	10.3#
236	24.9	19.8	29.6

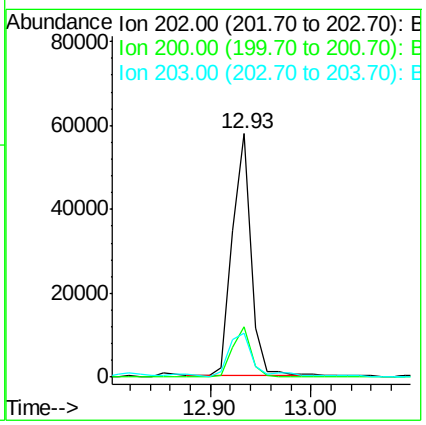


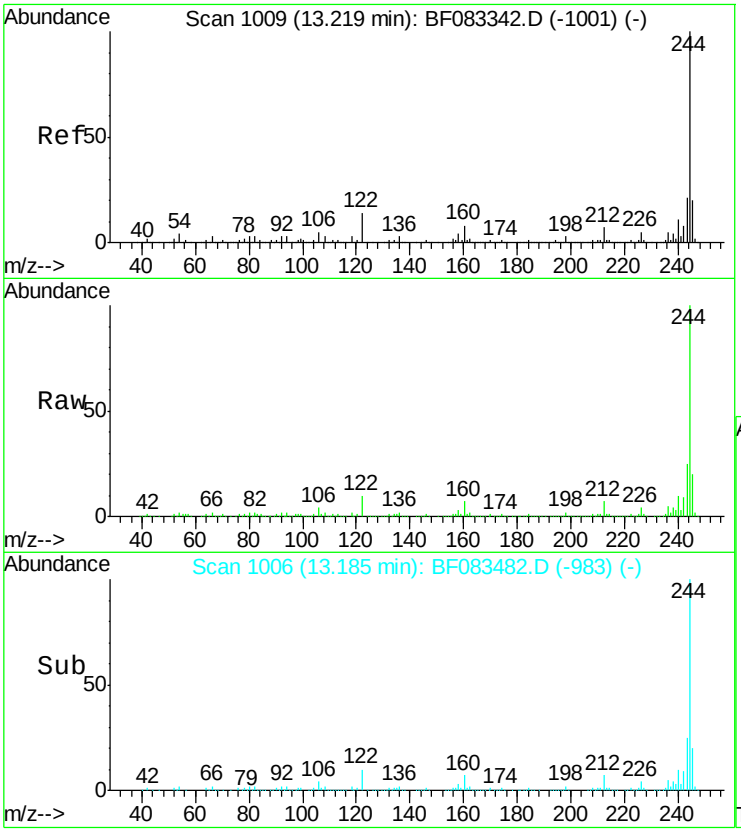


#77
Pyrene
Concen: 3.00 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:202 Resp: 74627

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.9	13.9	20.9



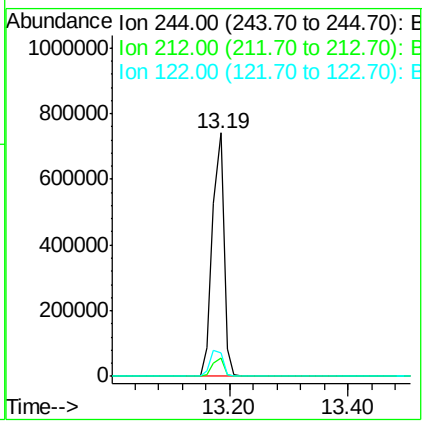


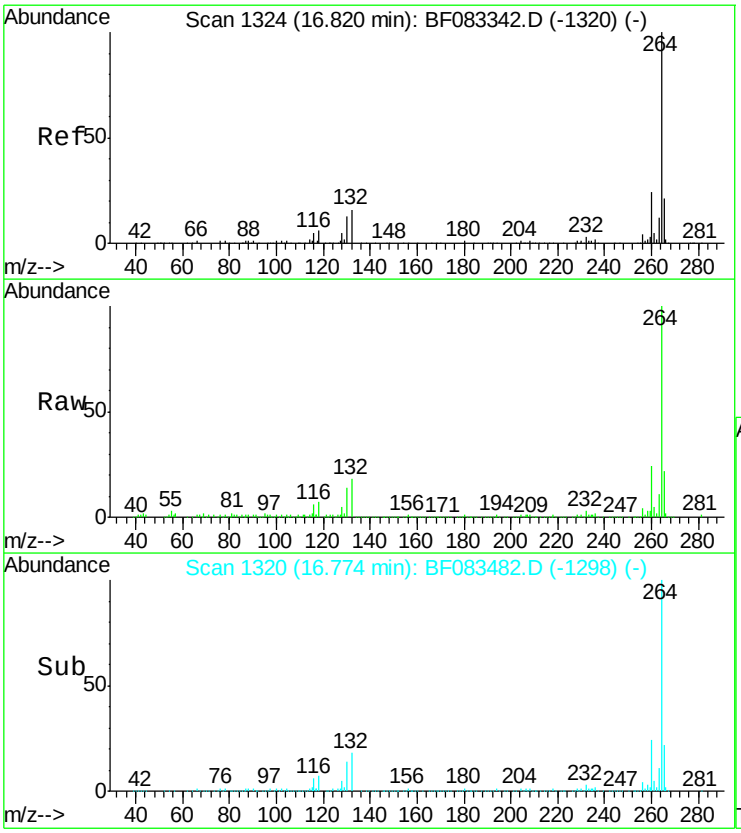
#78
Terphenyl-d14
Concen: 66.98 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:244 Resp: 1000817

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.8	11.0	16.4#

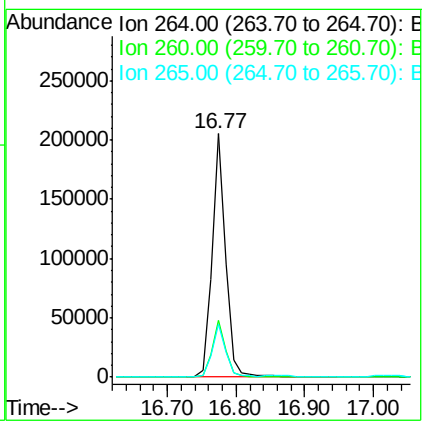


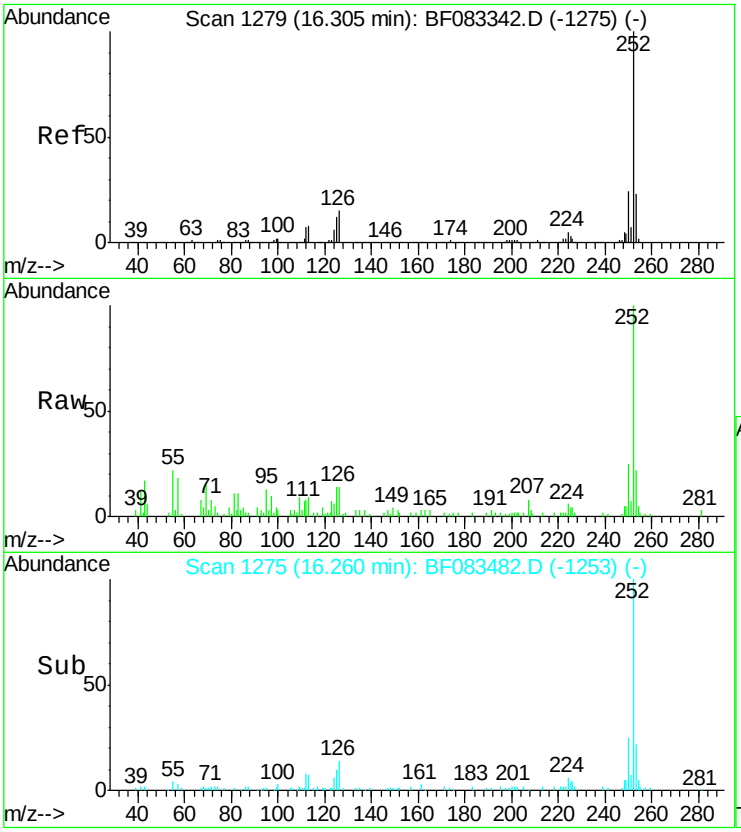


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:264 Resp: 286356

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.8	16.8	25.2



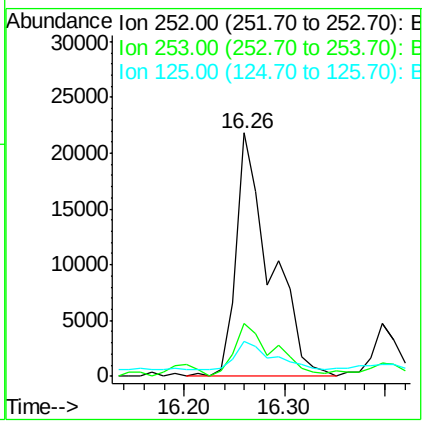


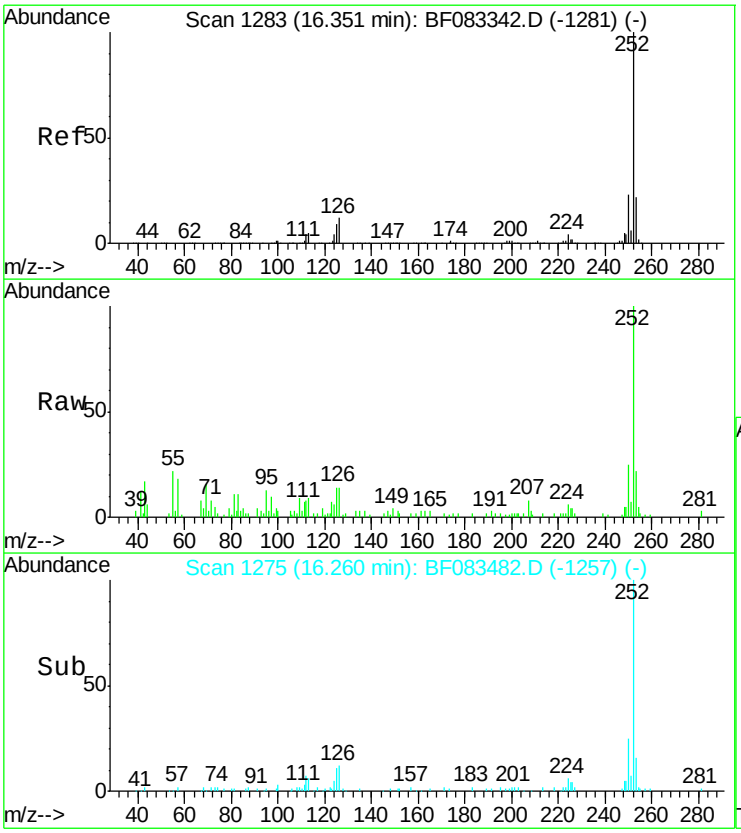
#87
Benzo(b)fluoranthene
Concen: 2.81 ng
RT: 16.26 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:252 Resp: 51686

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	14.2	9.6	14.4





#88
Benzo(k)fluoranthene
Concen: 2.98 ng
RT: 16.26 min Scan# 1275
Delta R.T. -0.09 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:252 Resp: 51686

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	14.2	7.5	11.3#