Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082536.D
Acq On : 27 Oct 2015 7:30
Operator : UM/IZ
Sample : G4116-15RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-03(0-2)

Quant Time: Oct 27 10:50:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	106657	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	410339	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	211754	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	335534	20.00	ng		0.00
75) Chrysene-d12	13.91	240	295702	20.00	ng		0.00
86) Perylene-d12	15.35	264	248768	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	604604	111.91	ng		0.02
7) Phenol-d6	6.39	99	726415	103.16	ng		0.01
23) Nitrobenzene-d5	7.30	82	478591	75.24	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	142335	89.76	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	890500	66.87	ng		0.00
78) Terphenyl-d14	12.85	244	605267	58.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	931	Below Cal		#	3
19) n-Nitroso-di-n-propylamine	7.30	70	65230	14.22	ng	#	76
25) Isophorone	7.30	82	478584	37.87	ng	#	64
49) Dimethylphthalate	9.50	163	217342	14.75	ng		100
56) 2,4-Dinitrotoluene	9.77	165	26603	6.79	ng	#	11
66) 4-Bromophenyl-phenylether	10.56	248	10398	3.30	ng	#	1
74) Fluoranthene	12.47	202	63037	3.56	ng		97
77) Pyrene	12.70	202	60409	3.32	ng		98
82) Chrysene	13.90	228	30303	2.02	ng		99
87) Benzo(b)fluoranthene	14.95	252	58692	3.97	ng	#	94
88) Benzo(k)fluoranthene	14.95	252	59009	4.90	ng		96

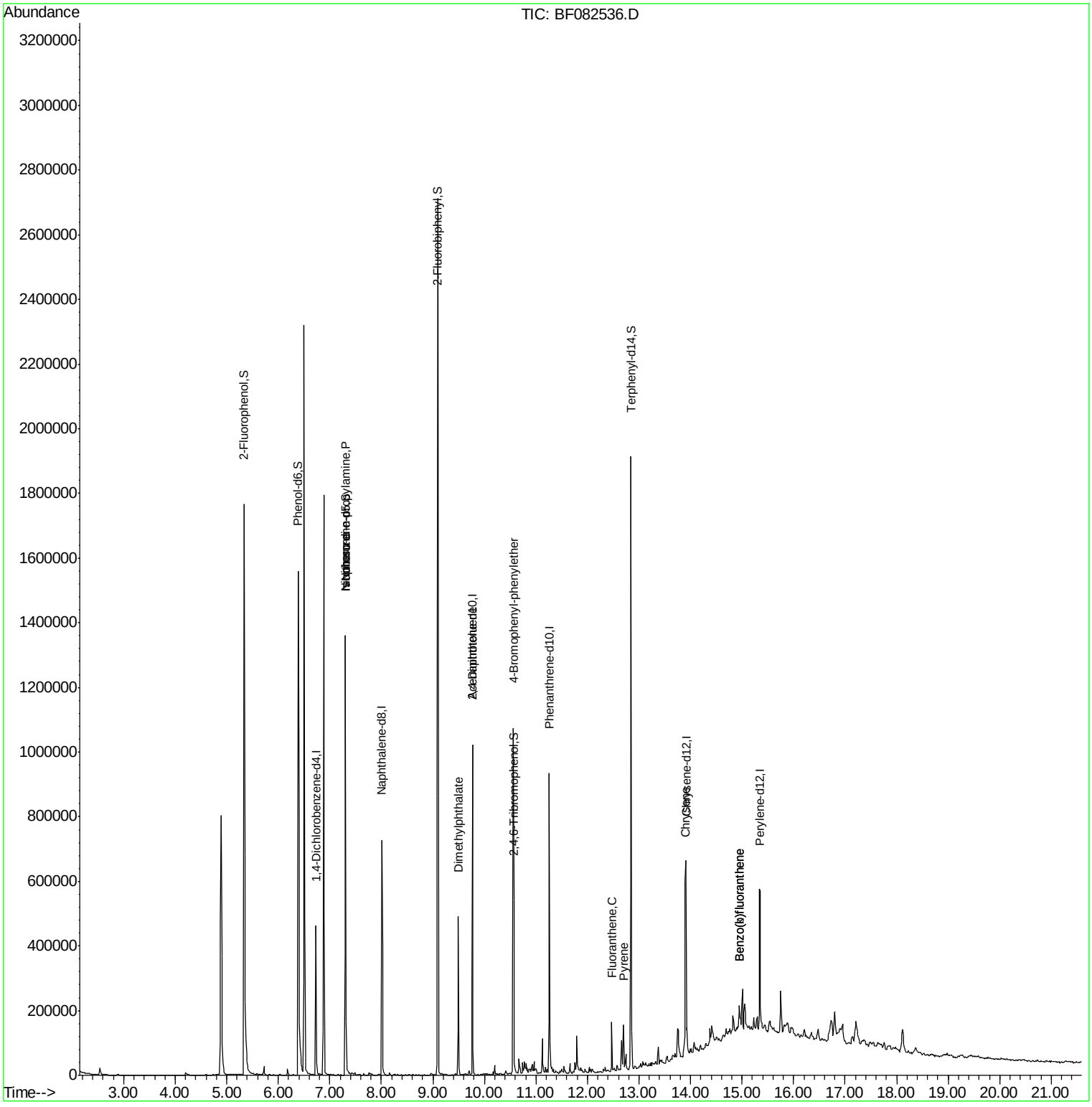
(#) = qualifier out of range (m) = manual integration (+) = signals summed

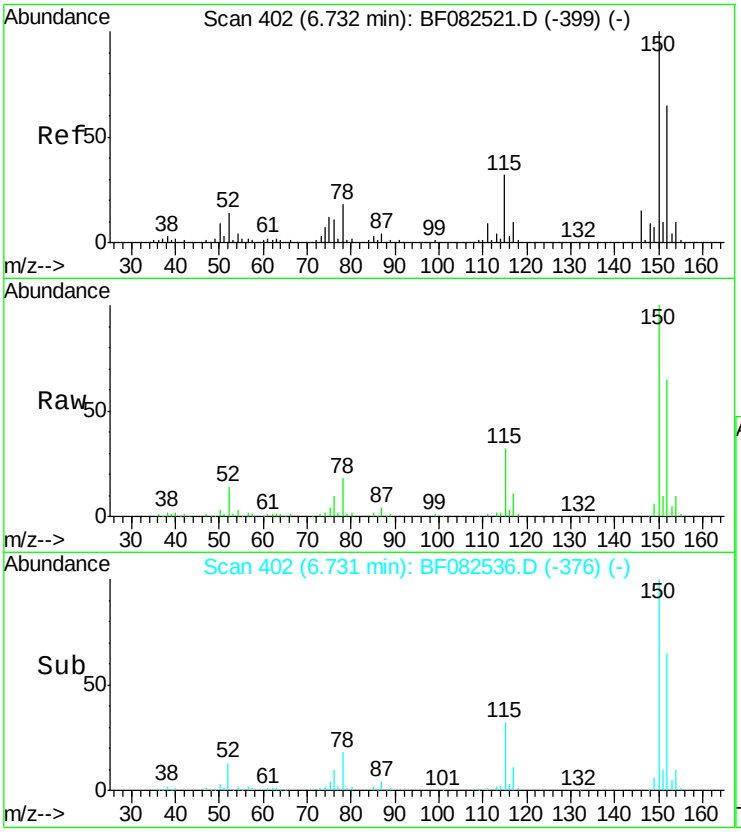
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082536.D
Acq On : 27 Oct 2015 7:30
Operator : UM/IZ
Sample : G4116-15RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Quant Time: Oct 27 10:50:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration



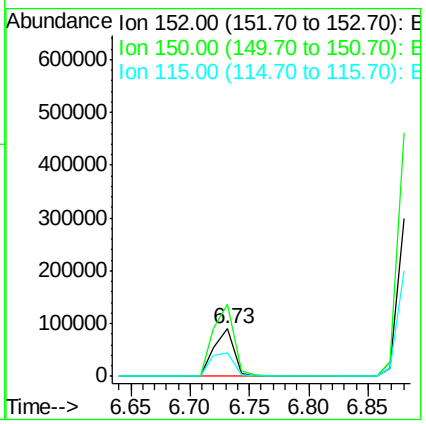


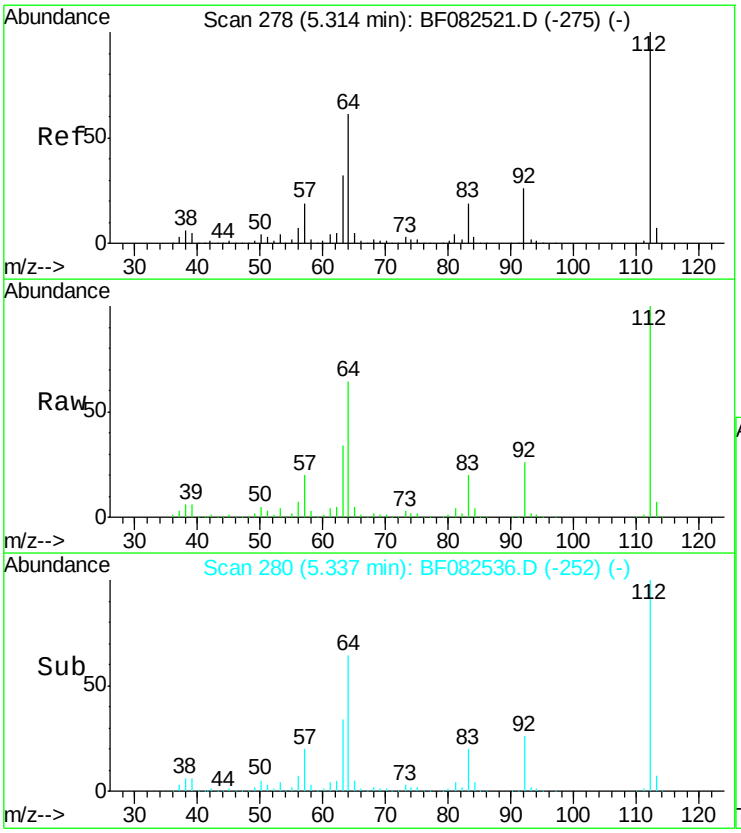
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:152 Resp: 106657

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.4	185.0
115	49.5	39.0	58.4

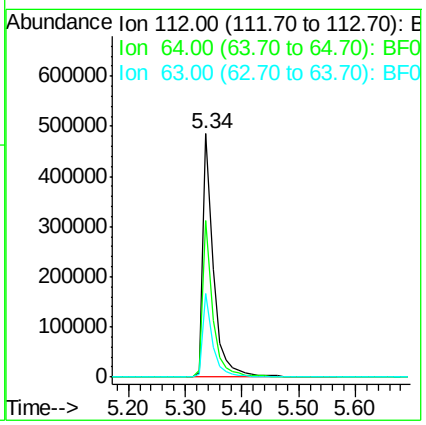


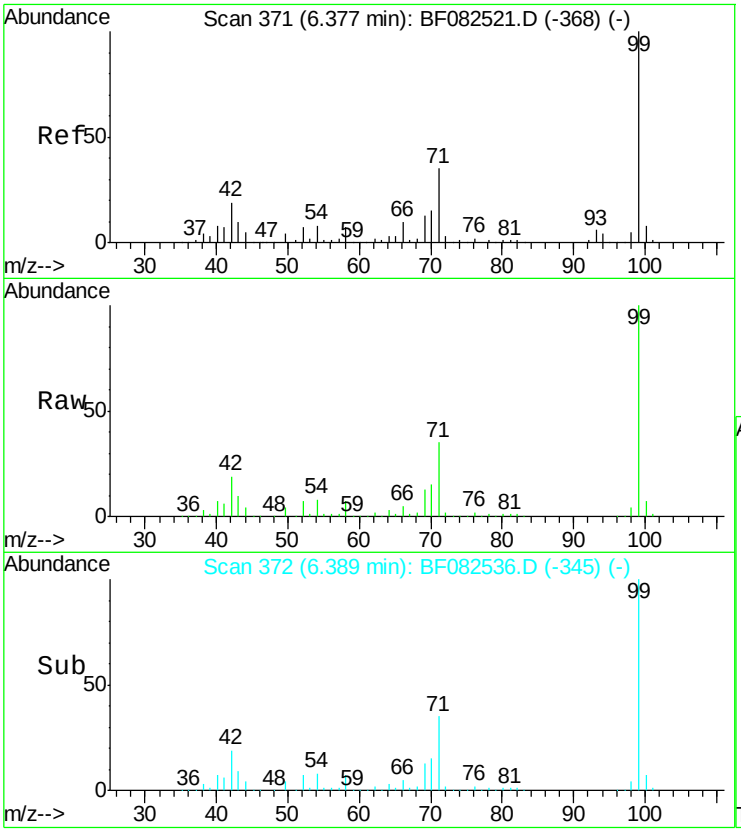


#5
2-Fluorophenol
Concen: 111.91 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:112 Resp: 604604

Ion	Ratio	Lower	Upper
112	100		
64	64.4	49.0	73.4
63	34.3	25.8	38.6



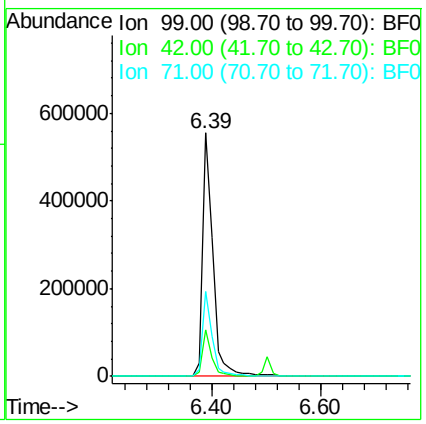


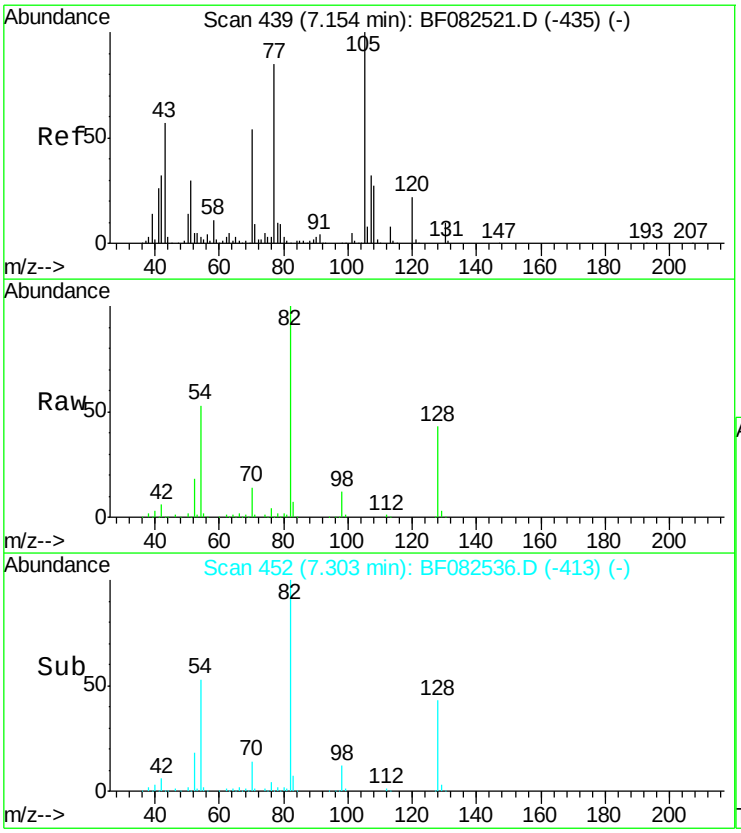
#7
Phenol-d6
Concen: 103.16 ng
RT: 6.39 min Scan# 372
Delta R.T. 0.01 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion: 99 Resp: 726415

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	35.0	28.2	42.2

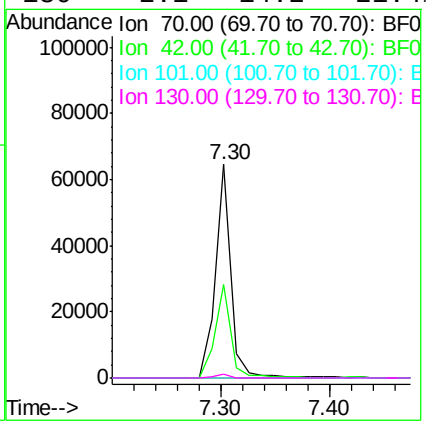


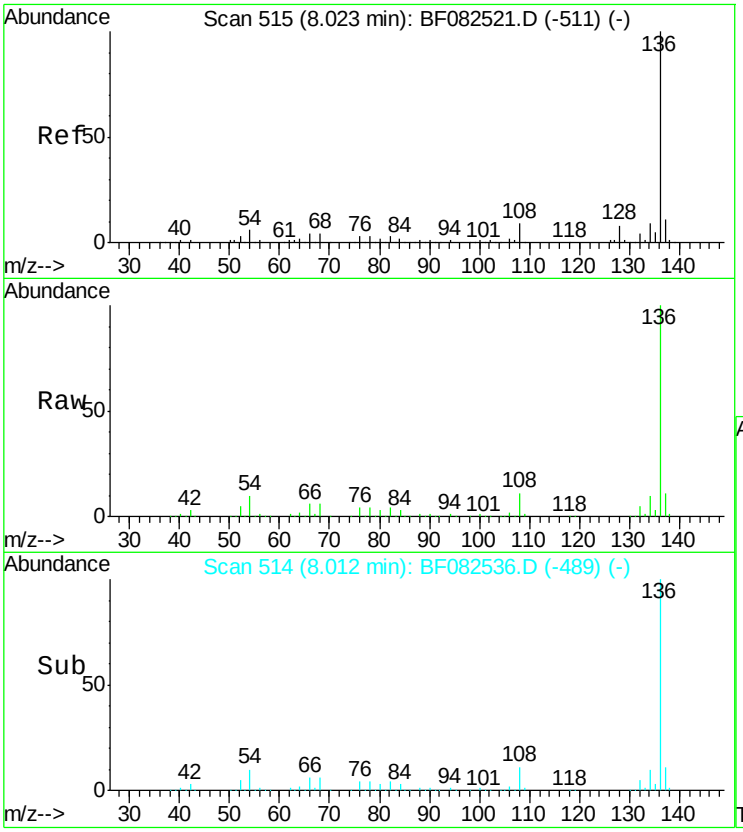


#19
n-Nitroso-di-n-propylamine
Concen: 14.22 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.15 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion: 70 Resp: 65230

Ion	Ratio	Lower	Upper
70	100		
42	43.9	46.9	70.3#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



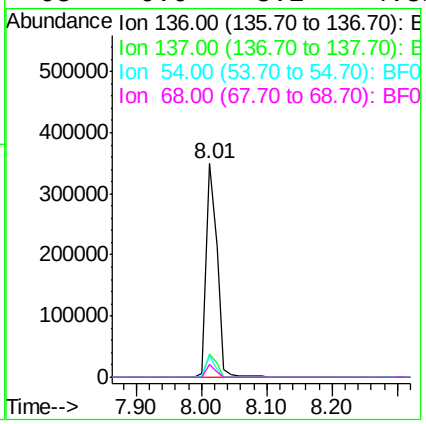


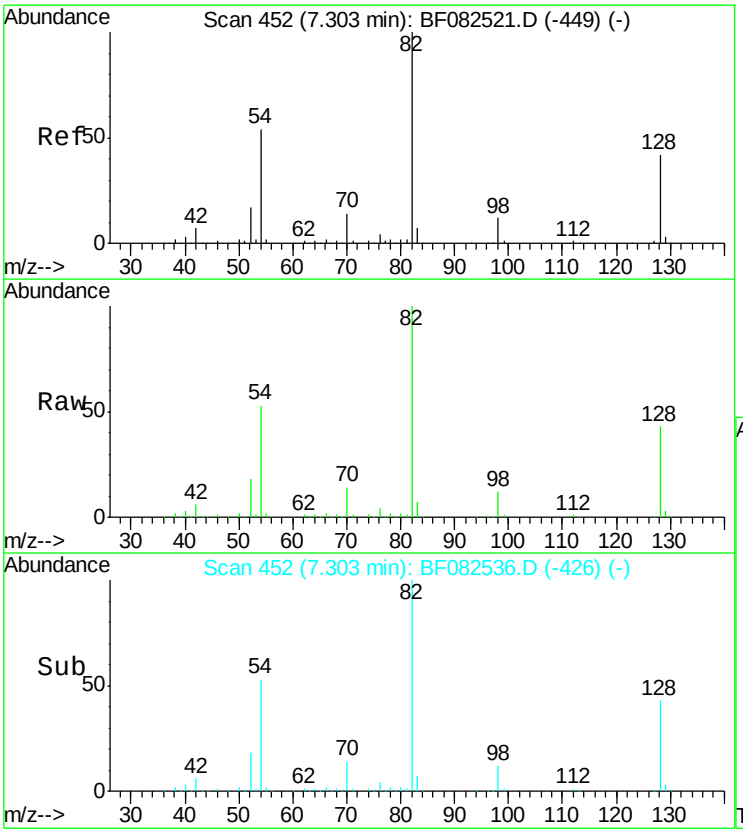
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:136 Resp: 410339

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.0	4.6	7.0#
68	6.0	3.2	4.8#

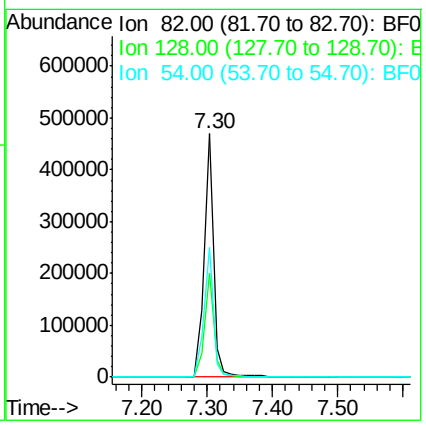


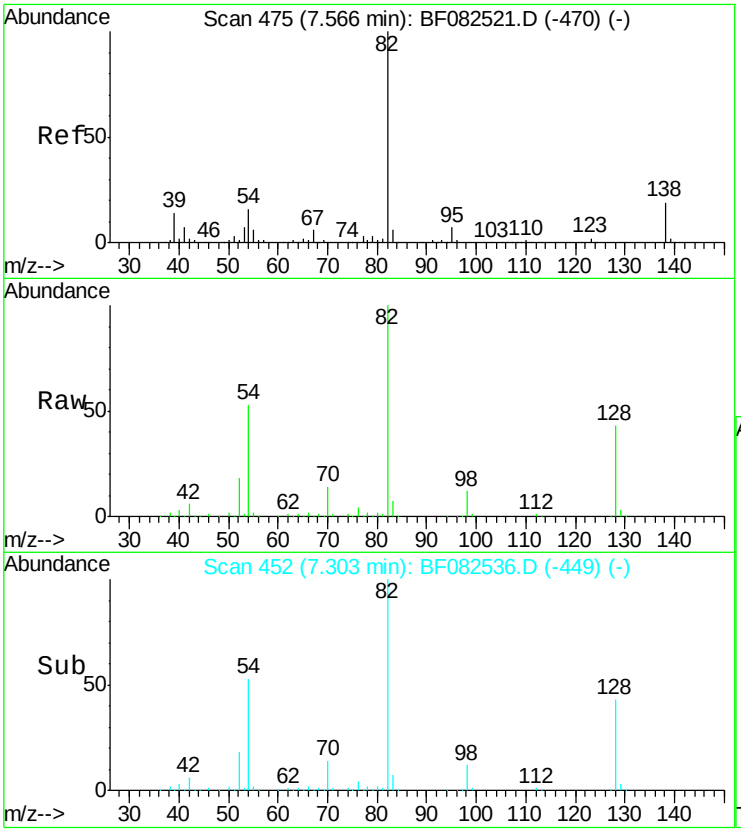


#23
Nitrobenzene-d5
Concen: 75.24 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion: 82 Resp: 478591

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	53.5	43.5	65.3



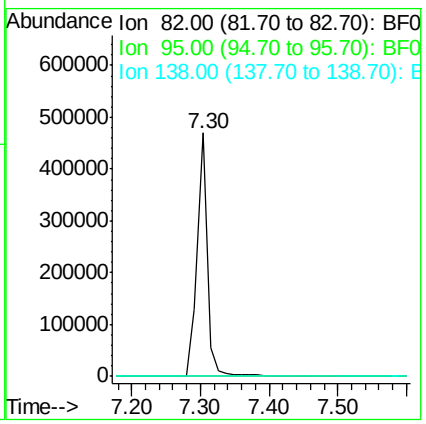


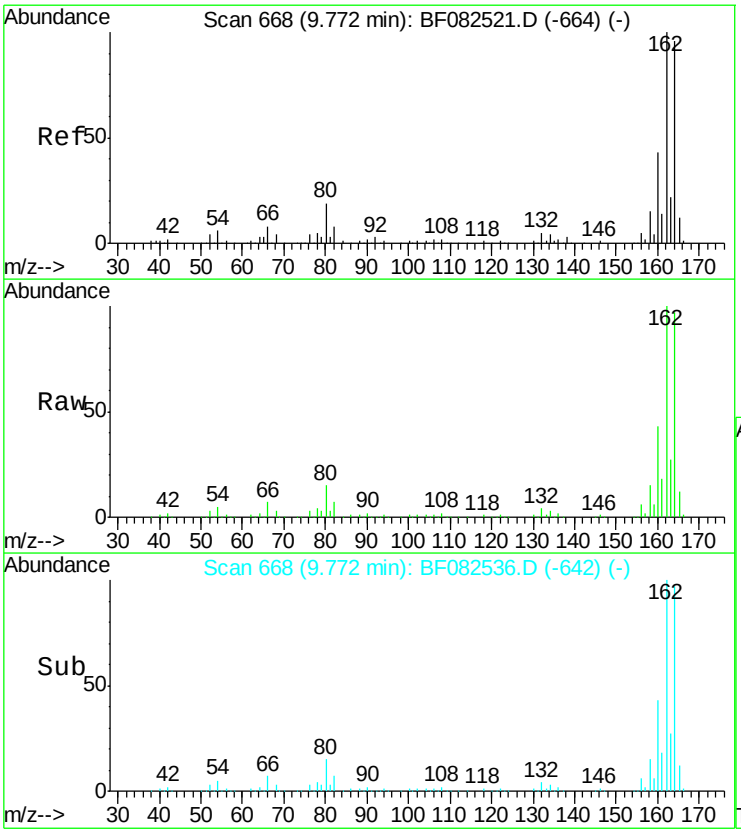
#25
Isophorone
Concen: 37.87 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.26 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion: 82 Resp: 478584

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.0	22.4#

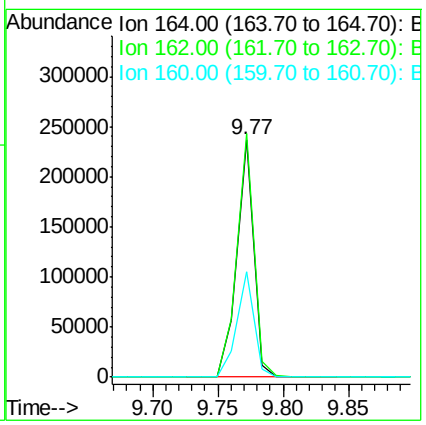


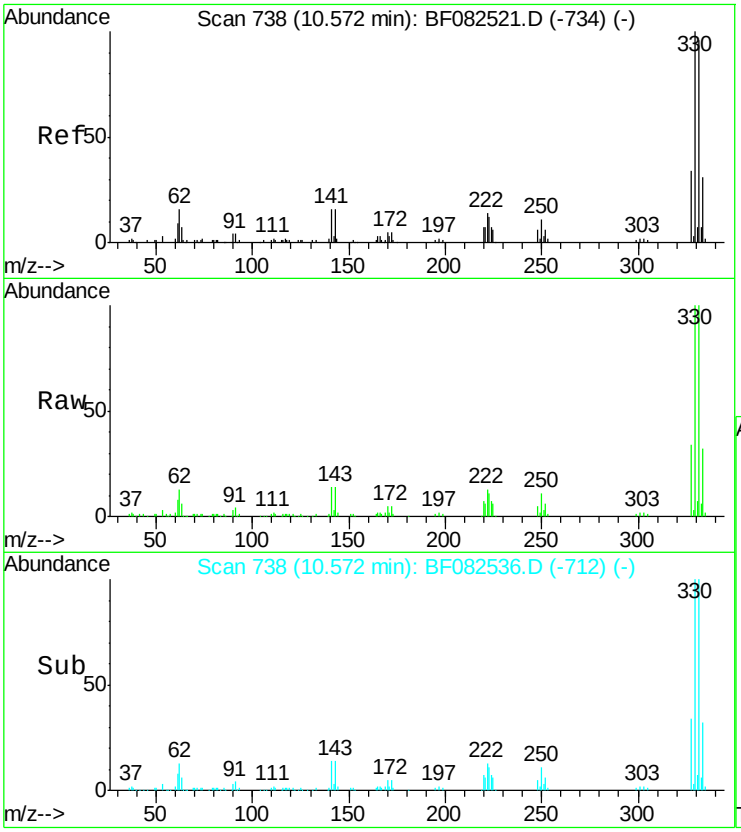


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:164 Resp: 211754

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.6	125.4
160	44.6	36.0	54.0



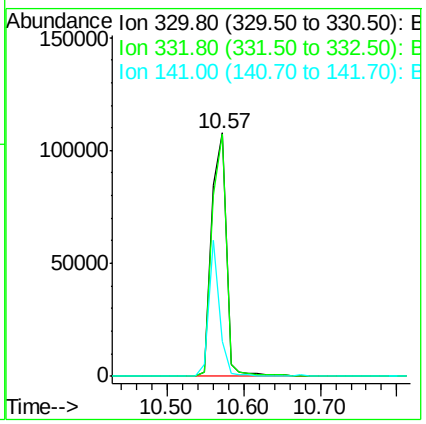


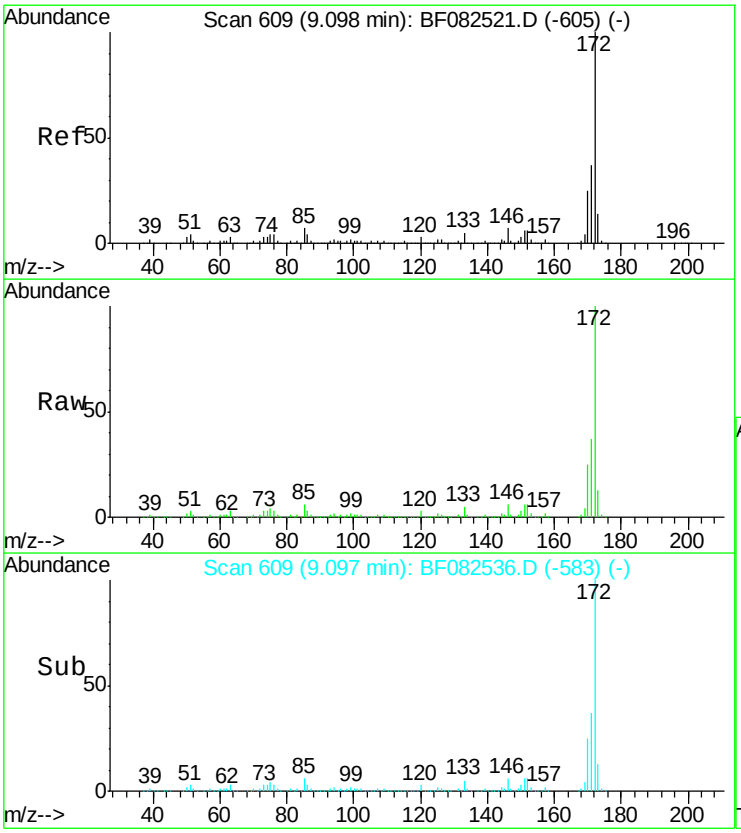
#41
2,4,6-Tribromophenol
Concen: 89.76 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:330 Resp: 142335

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	41.0	32.5	48.7

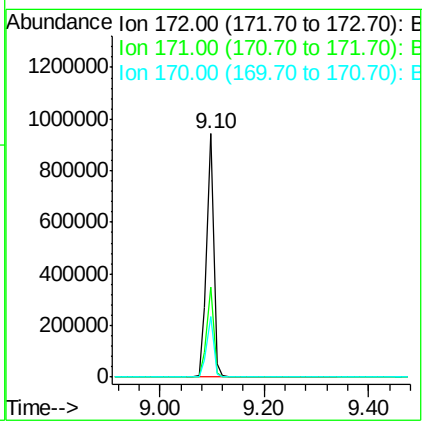


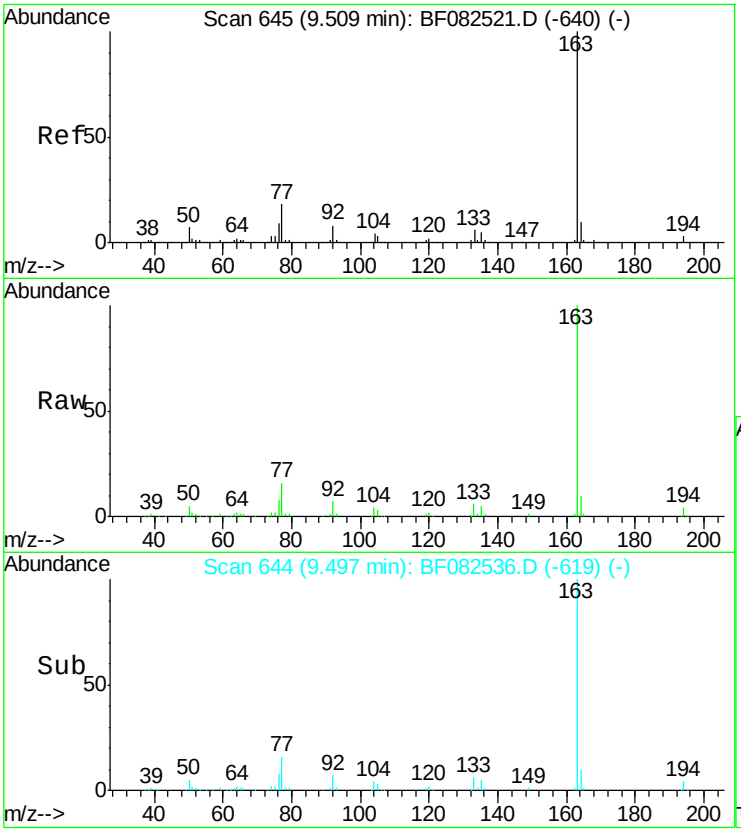


#44
2-Fluorobiphenyl
Concen: 66.87 ng
RT: 9.10 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:172 Resp: 890500

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	25.0	19.8	29.6



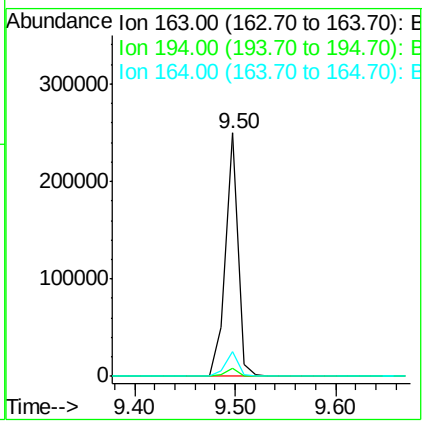


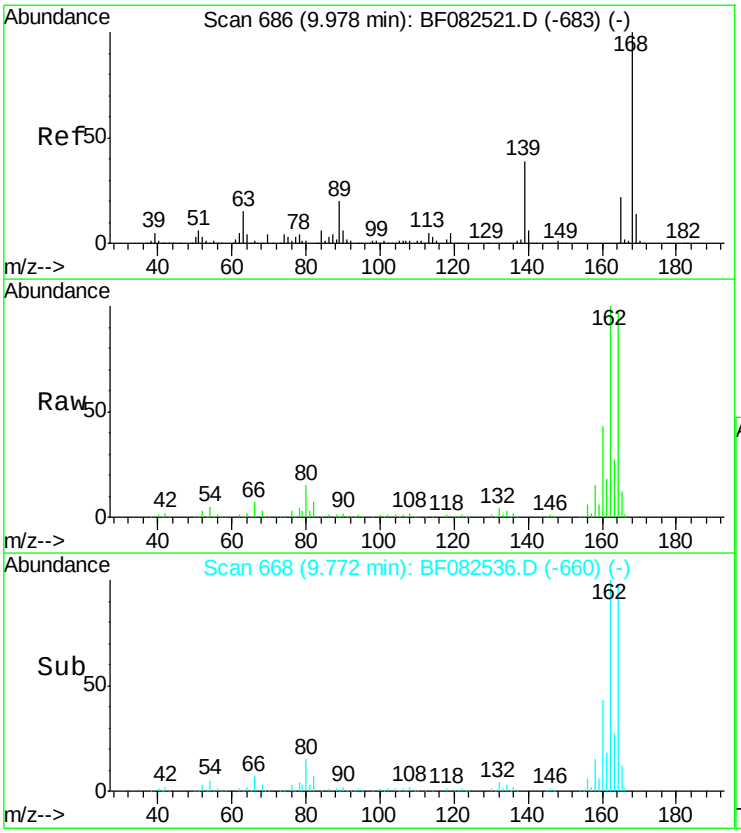
#49
Dimethylphthalate
Concen: 14.75 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:163 Resp: 217342

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.3	8.2	12.4

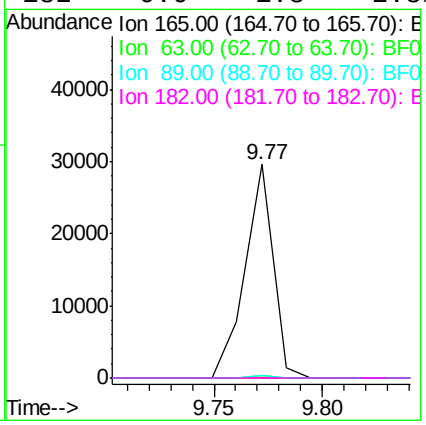


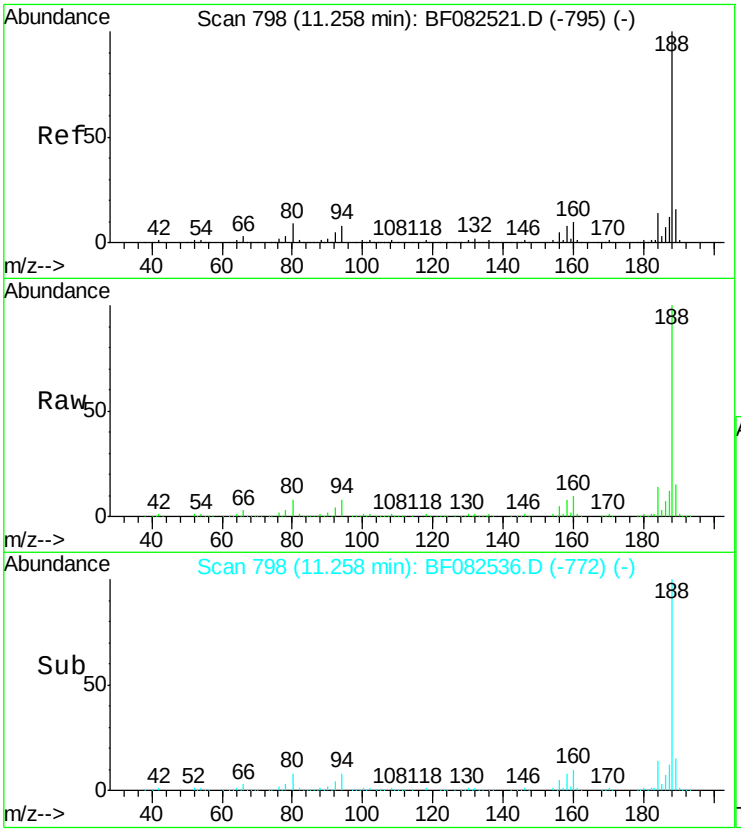


#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:165 Resp: 26603

Ion	Ratio	Lower	Upper
165	100		
63	1.1	58.6	88.0#
89	1.5	72.3	108.5#
182	0.0	1.8	2.8#



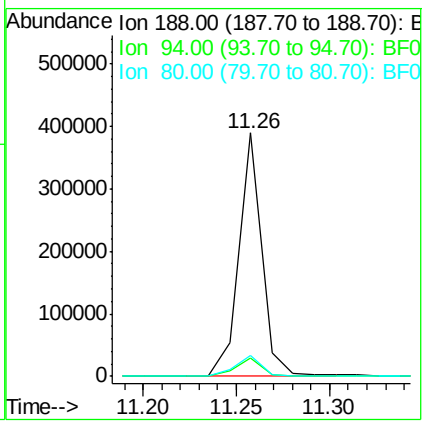


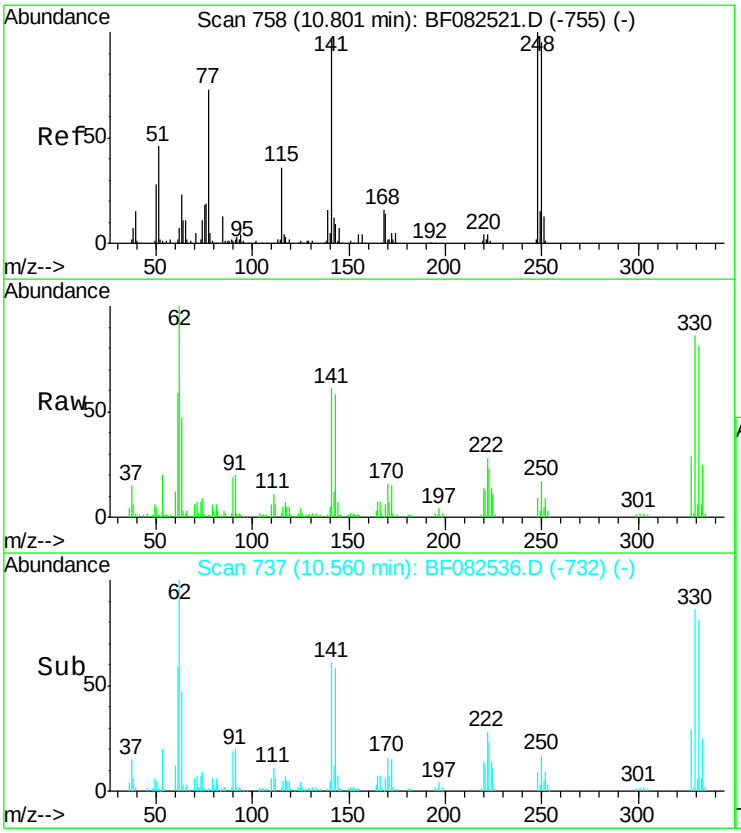
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:188 Resp: 335534

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.4	9.6
80	8.5	7.0	10.6

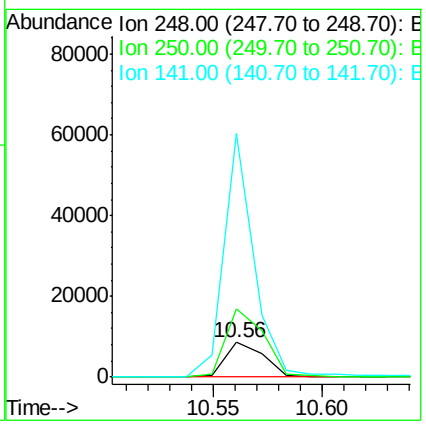


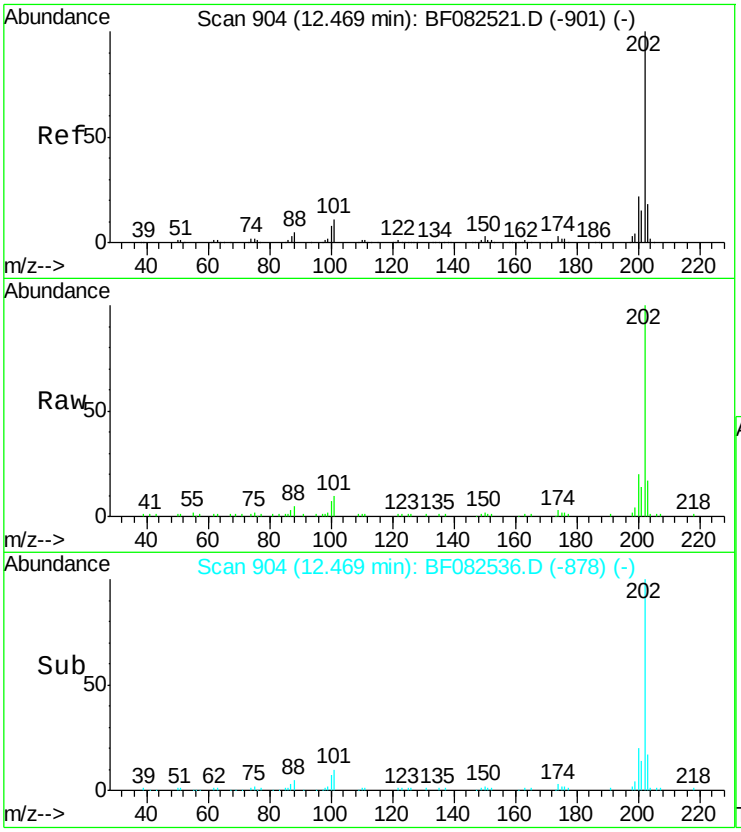


#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.24 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:248 Resp: 10398

Ion	Ratio	Lower	Upper
248	100		
250	194.9	76.0	114.0#
141	698.9	77.5	116.3#



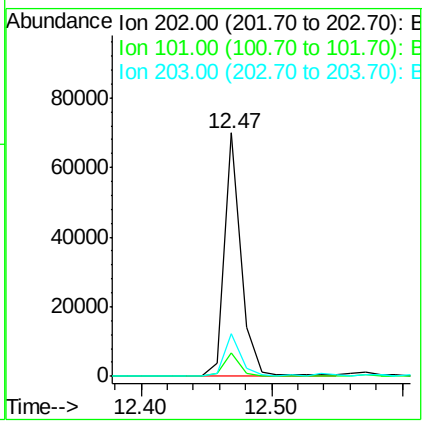


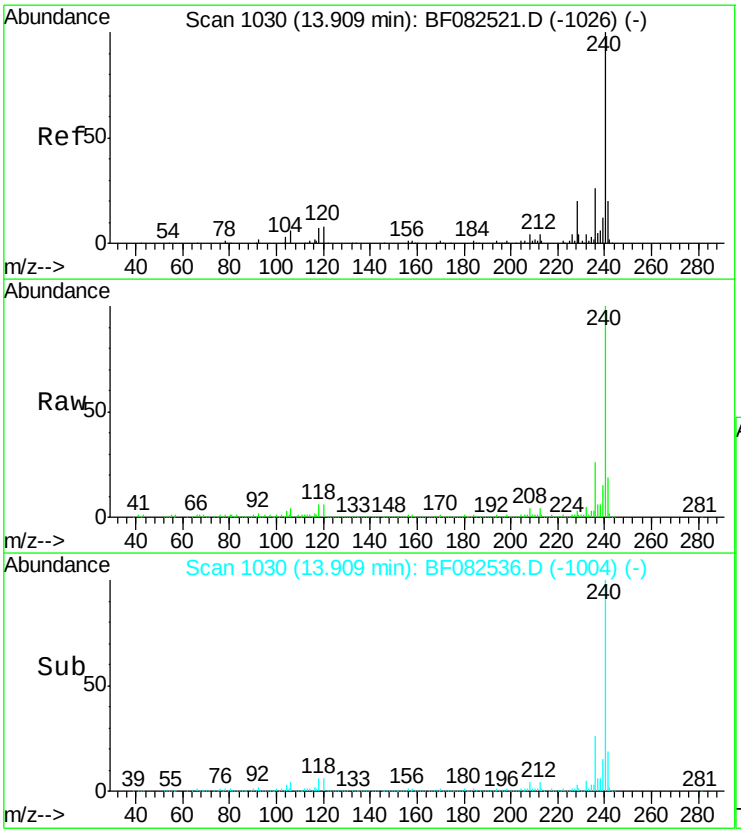
#74
Fluoranthene
Concen: 3.56 ng
RT: 12.47 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:202 Resp: 63037

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.2
203	17.3	0.0	38.1

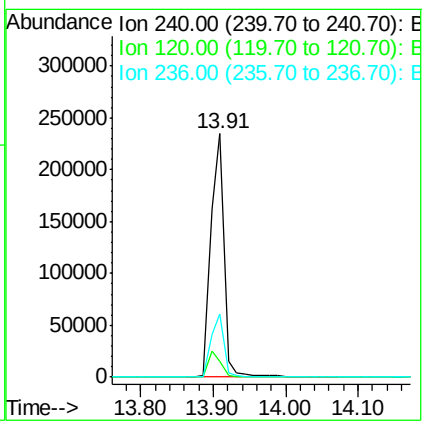


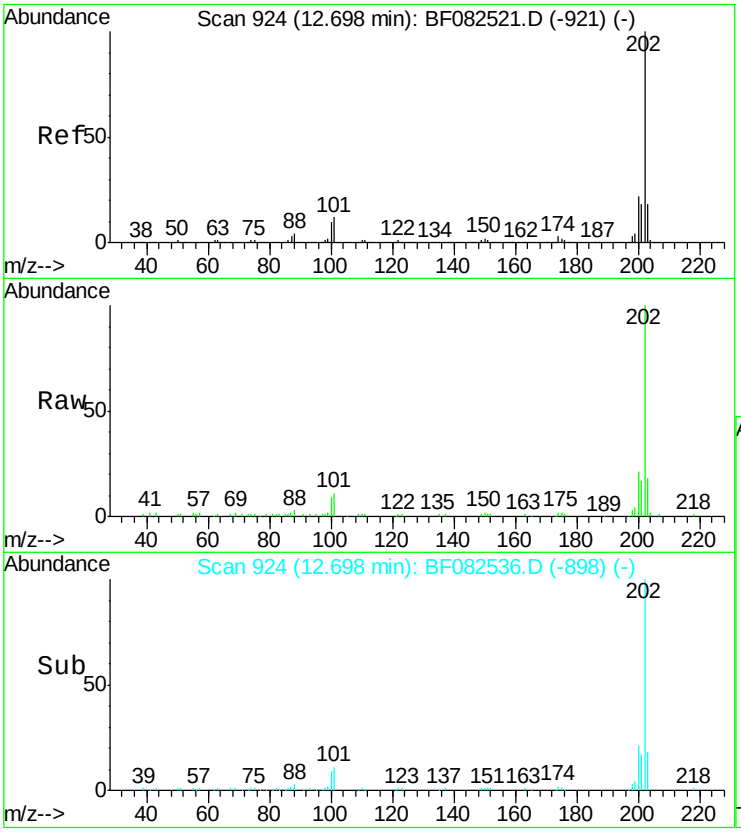


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:240 Resp: 295702

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.5	9.7#
236	25.9	20.5	30.7



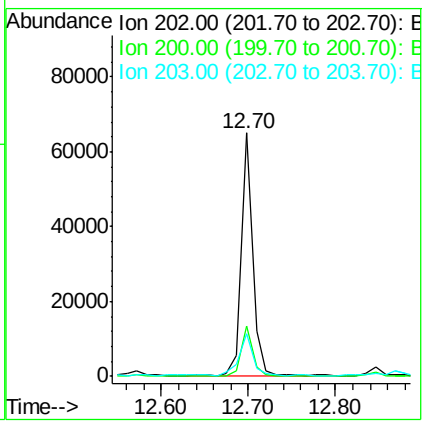


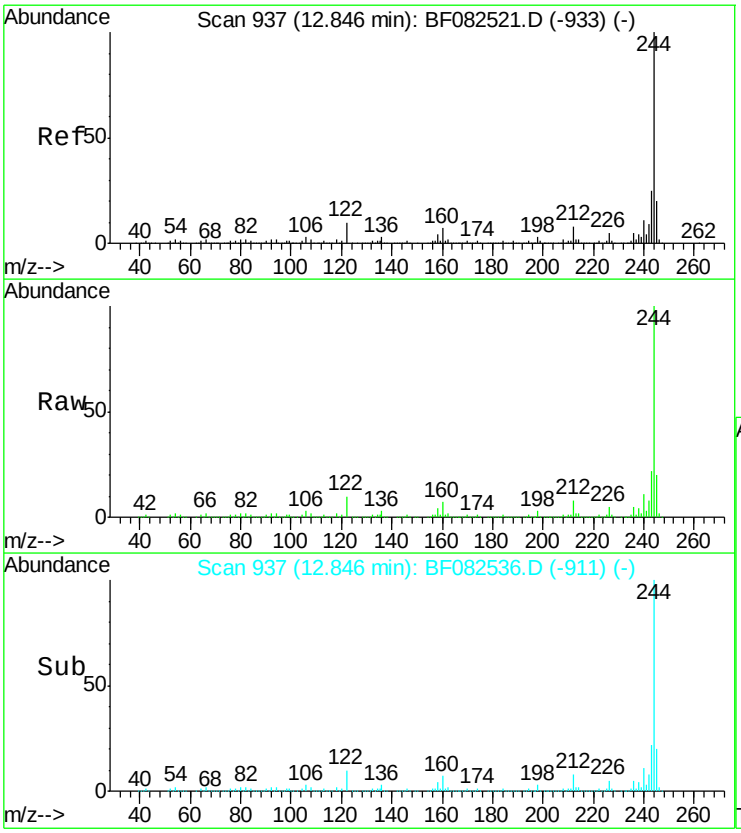
#77
Pyrene
Concen: 3.32 ng
RT: 12.70 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:202 Resp: 60409

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.6	14.6	22.0

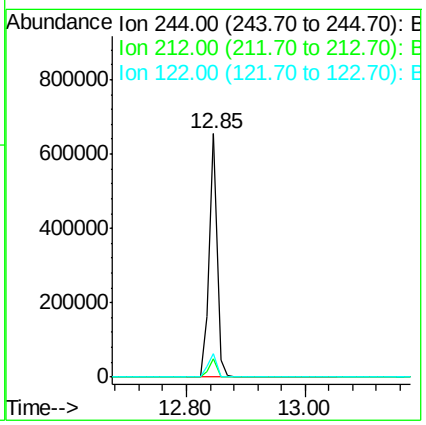


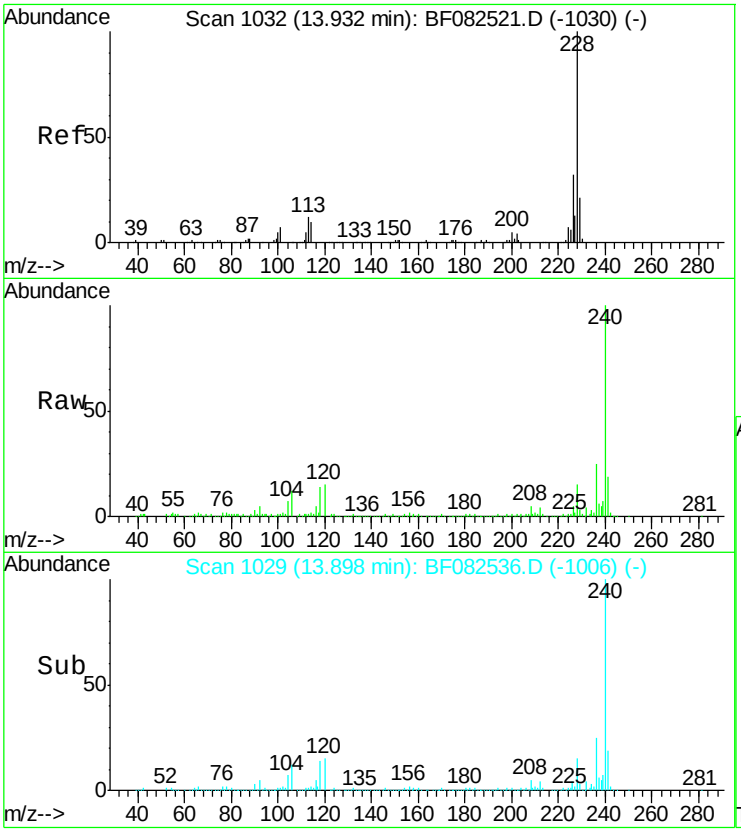


#78
Terphenyl-d14
Concen: 58.97 ng
RT: 12.85 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:244 Resp: 605267

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	9.7	8.1	12.1



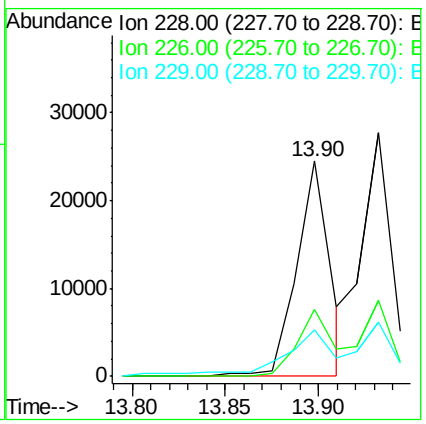


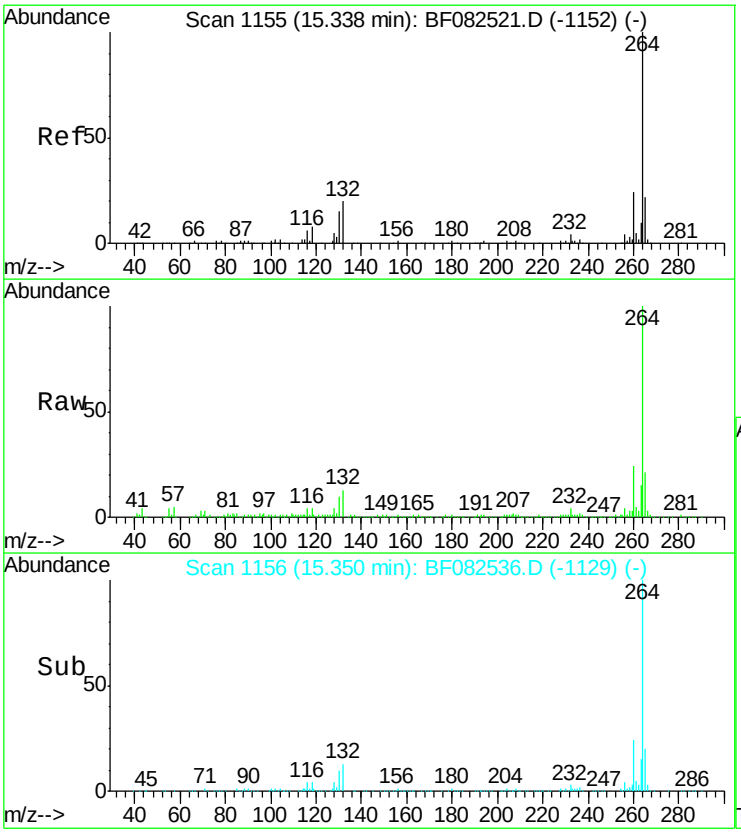
#82
Chrysene
Concen: 2.02 ng
RT: 13.90 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:228 Resp: 30303

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	21.4	16.3	24.5

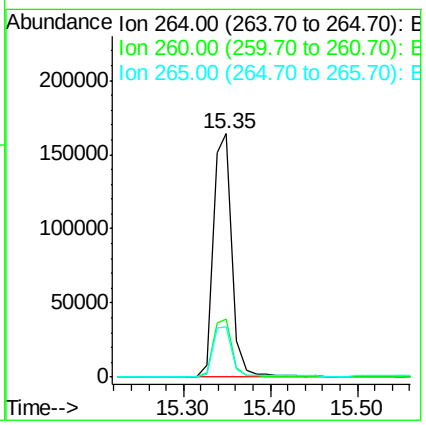


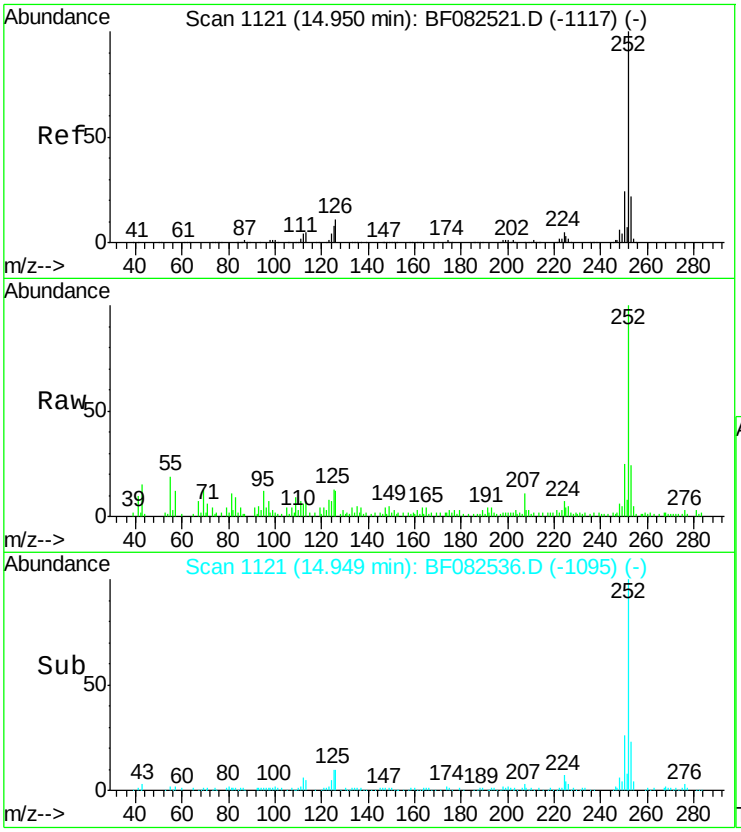


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:264 Resp: 248768

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	20.6	17.8	26.6



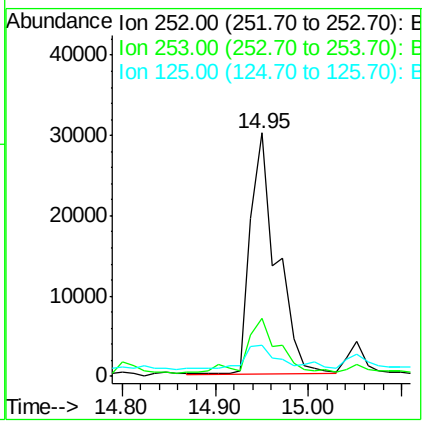


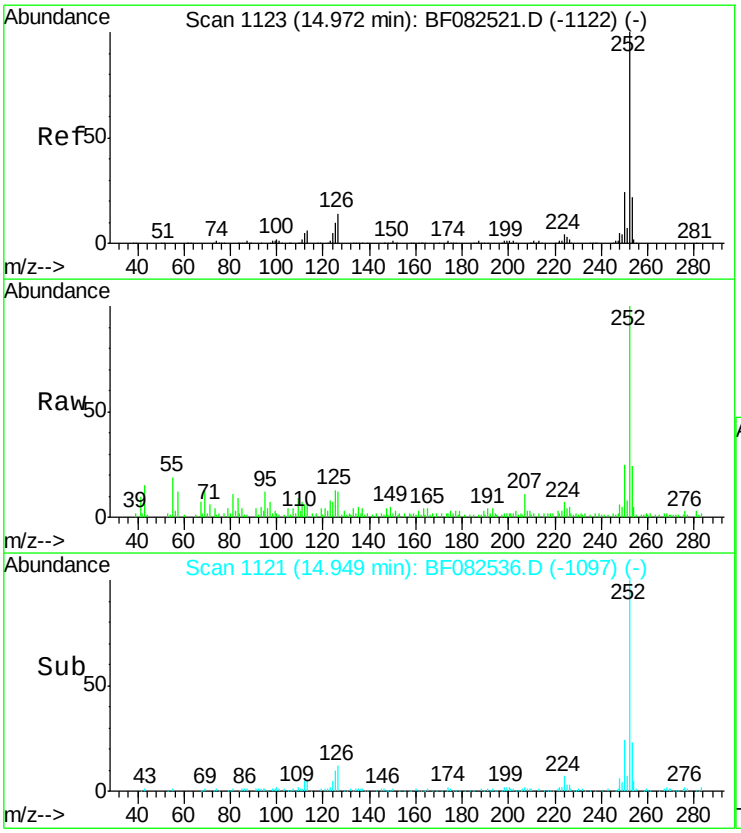
#87
Benzo(b)fluoranthene
Concen: 3.97 ng
RT: 14.95 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:252 Resp: 58692

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.6	6.6	10.0#





#88
Benzo(k)fluoranthene
Concen: 4.90 ng
RT: 14.95 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion:252 Resp: 59009

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.6	8.7	13.1