Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082497.D
Acq On : 24 Oct 2015 7:14
Operator : UM/IZ
Sample : G4116-05RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-03(0-2)

Quant Time: Oct 24 23:19:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	301055	20.00	ng		0.15
21) Naphthalene-d8	8.05	136	347865	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	166299	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	299342	20.00	ng		-0.01
75) Chrysene-d12	13.97	240	218498	20.00	ng		-0.07
86) Perylene-d12	15.48	264	192956	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	598090	40.09	ng		0.01
7) Phenol-d6	6.41	99	802210	41.33	ng		-0.01
23) Nitrobenzene-d5	7.33	82	471975	91.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	169330	108.57	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	861502	85.91	ng		-0.01
78) Terphenyl-d14	12.88	244	769331	93.30	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	62563	4.59	ng	#	80
49) Dimethylphthalate	9.52	163	208306	17.79	ng		99
55) 4-Nitrophenol	10.00	139	691	Below Cal		#	11
56) 2,4-Dinitrotoluene	9.79	165	21407	6.93	ng	#	22
66) 4-Bromophenyl-phenylether	10.59	248	13159	4.39	ng	#	1
70) Phenanthrene	11.31	178	41252	2.81	ng		97
74) Fluoranthene	12.50	202	68111	4.32	ng		98
77) Pyrene	12.73	202	59576	4.59	ng		97
80) Benzo(a)anthracene	13.96	228	30357	2.67	ng		97
82) Chrysene	13.99	228	24972	2.08	ng		98
87) Benzo(b)fluoranthene	15.08	252	45013	3.83	ng	#	95
88) Benzo(k)fluoranthene	15.08	252	45013	4.56	ng	#	93
89) Benzo(a)pyrene	15.42	252	22168	2.20	ng	#	97

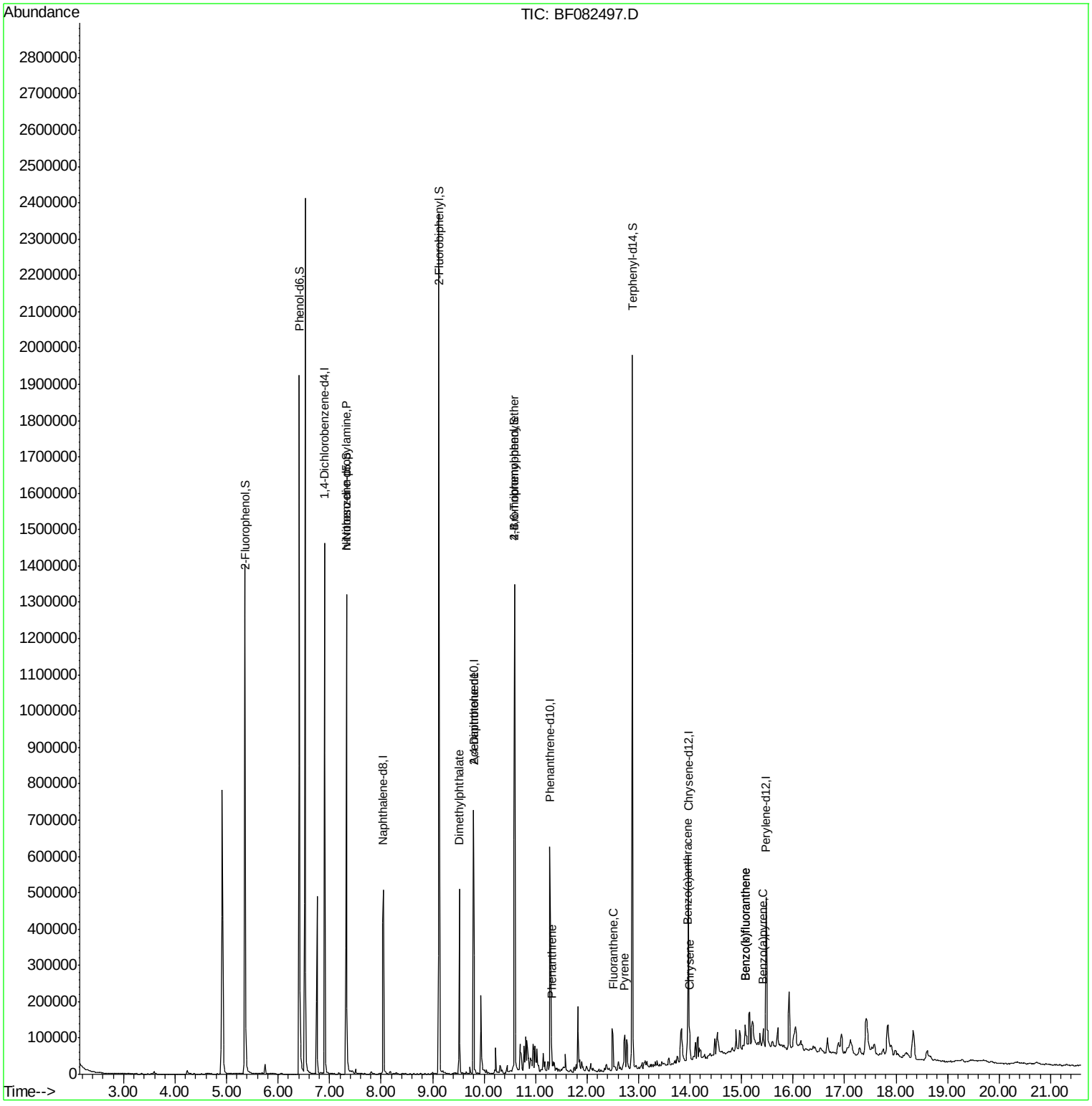
(#) = qualifier out of range (m) = manual integration (+) = signals summed

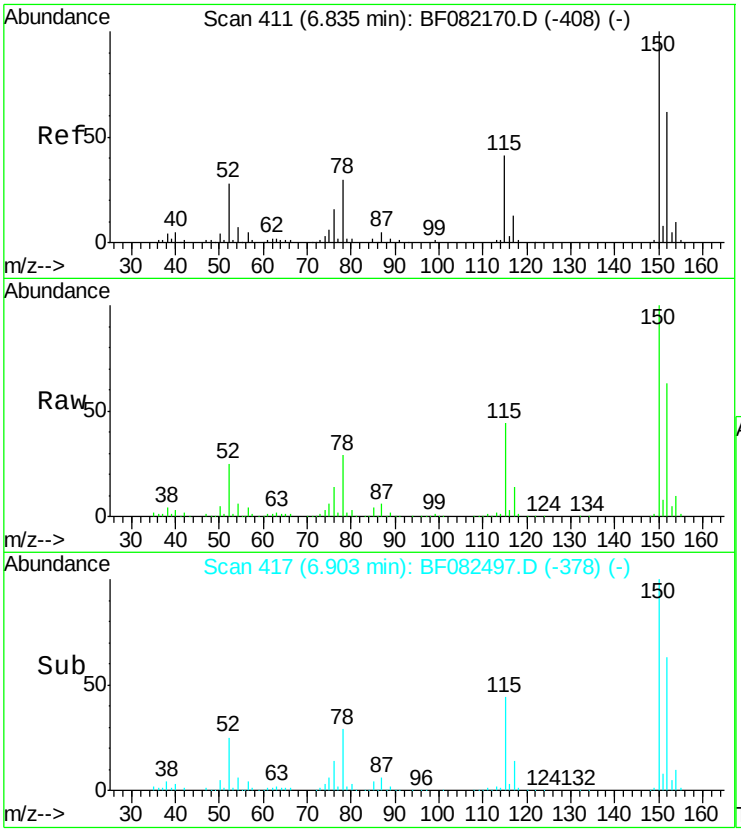
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082497.D
Acq On : 24 Oct 2015 7:14
Operator : UM/IZ
Sample : G4116-05RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Quant Time: Oct 24 23:19:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration



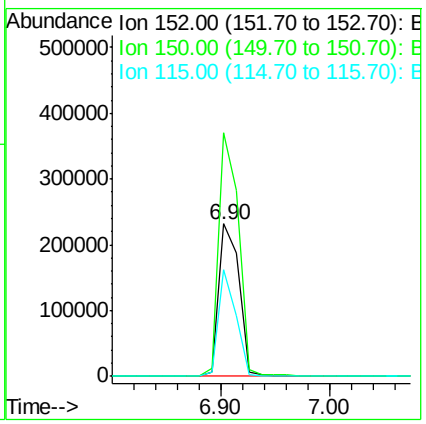


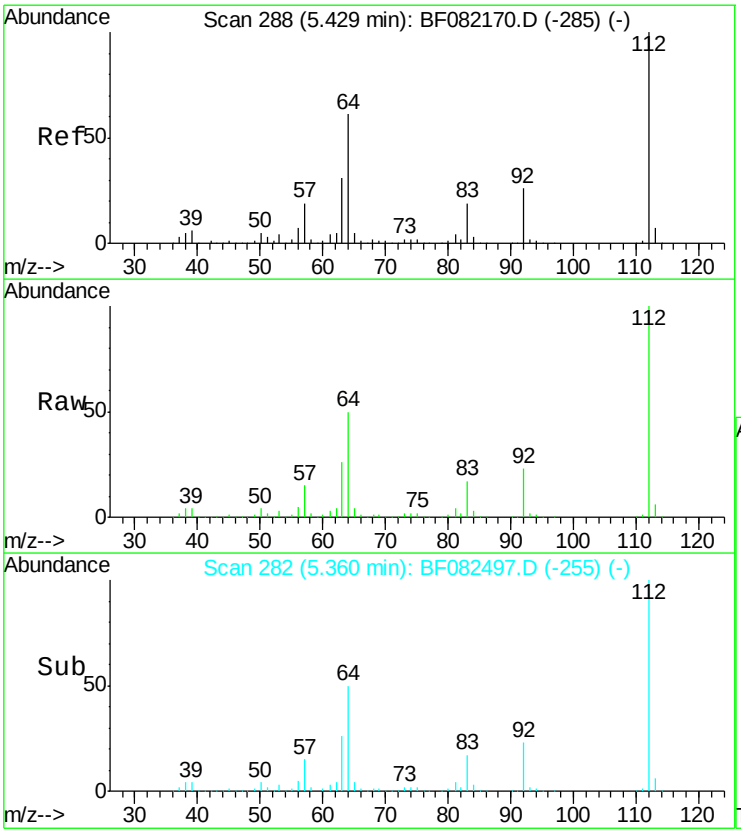
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.15 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:152 Resp: 301055

Ion	Ratio	Lower	Upper
152	100		
150	160.0	129.0	193.4
115	70.5	52.1	78.1

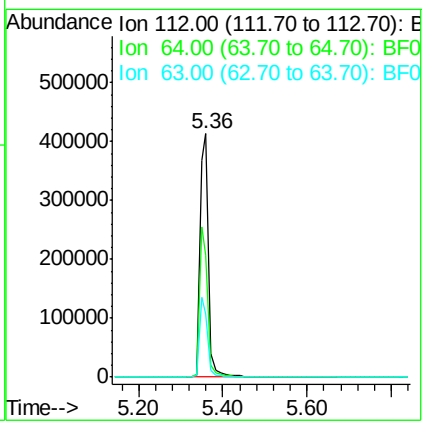


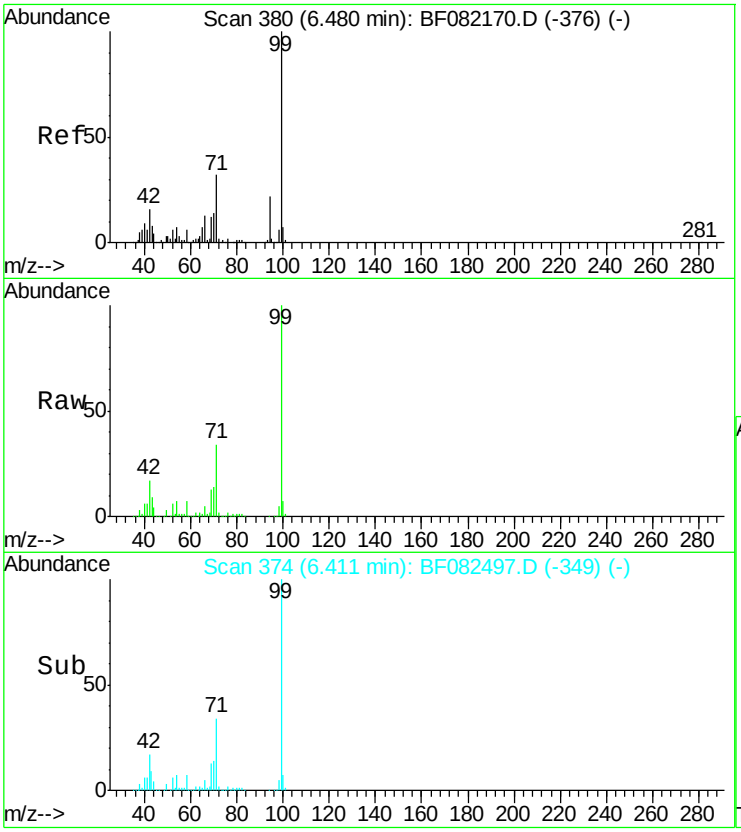


#5
2-Fluorophenol
Concen: 40.09 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:112 Resp: 598090

Ion	Ratio	Lower	Upper
112	100		
64	50.0	48.6	73.0
63	25.7	25.1	37.7



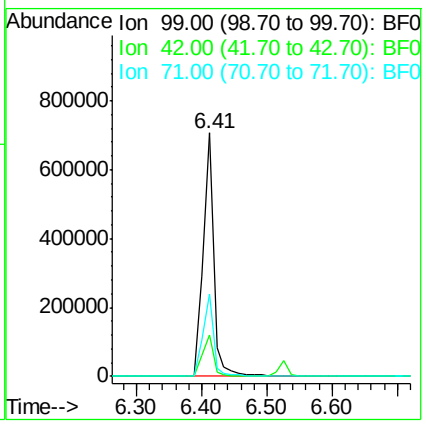


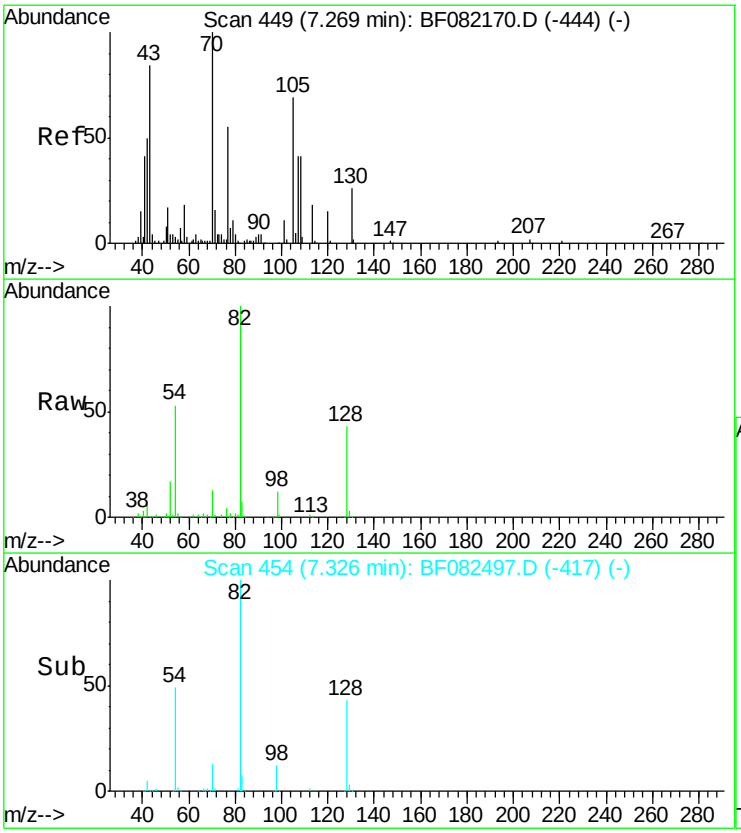
#7
Phenol-d6
Concen: 41.33 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion: 99 Resp: 802210

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.2	19.8
71	34.0	25.6	38.4

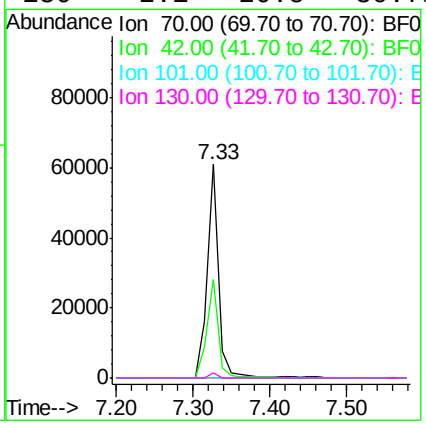


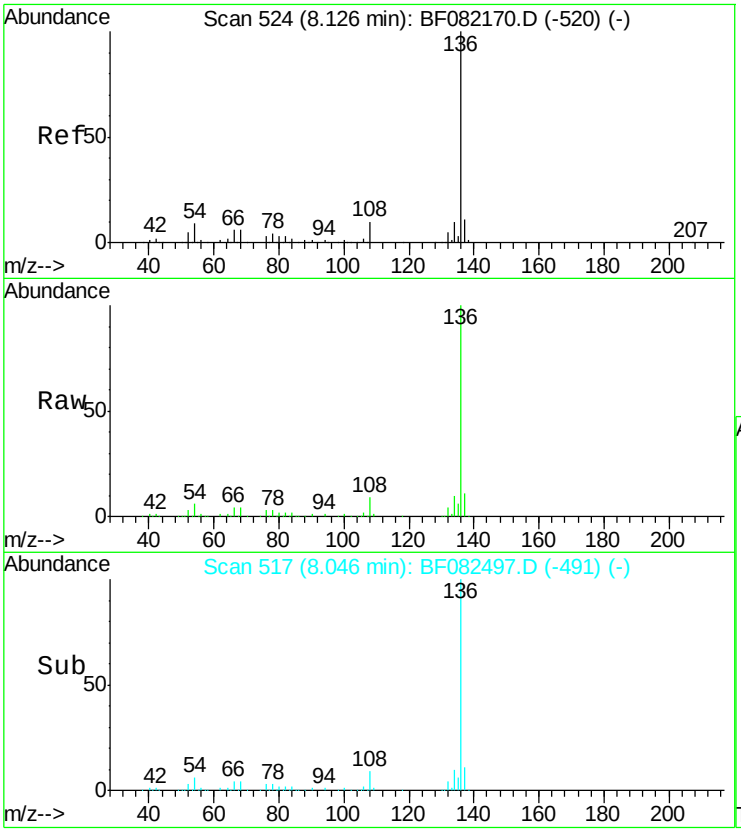


#19
n-Nitroso-di-n-propylamine
Concen: 4.59 ng
RT: 7.33 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion: 70 Resp: 62563

Ion	Ratio	Lower	Upper
70	100		
42	46.1	39.8	59.8
101	0.0	8.6	13.0#
130	2.1	20.5	30.7#



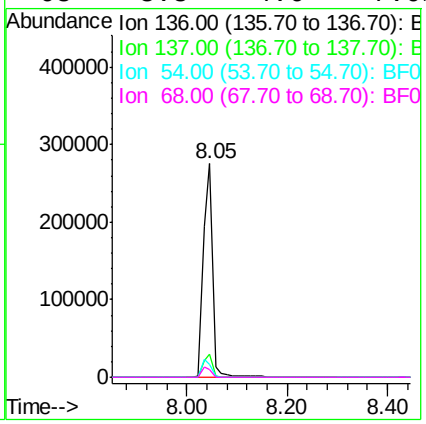


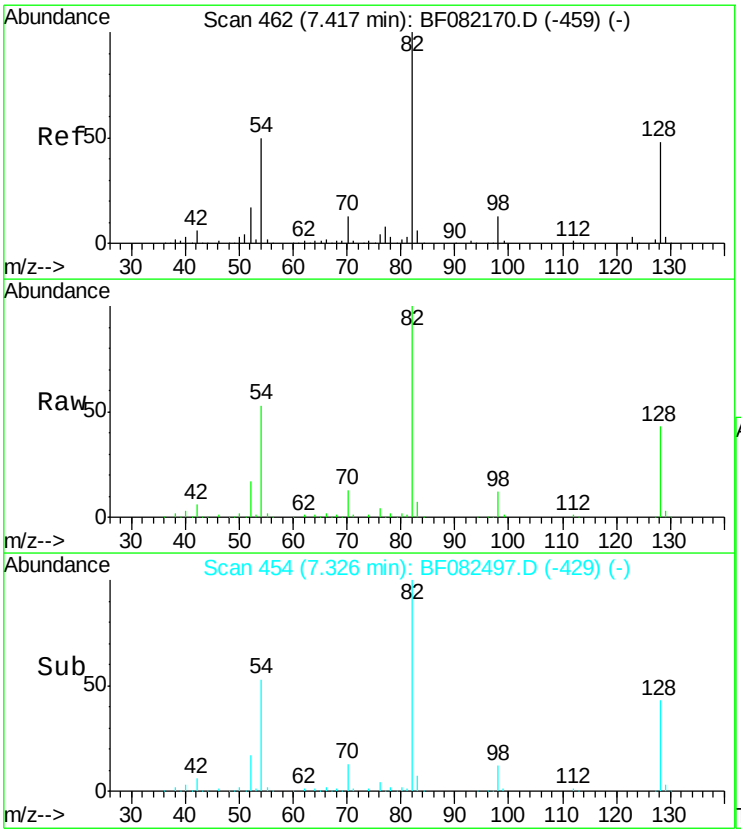
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:136 Resp: 347865

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.7	7.5	11.3#
68	3.8	4.6	7.0#

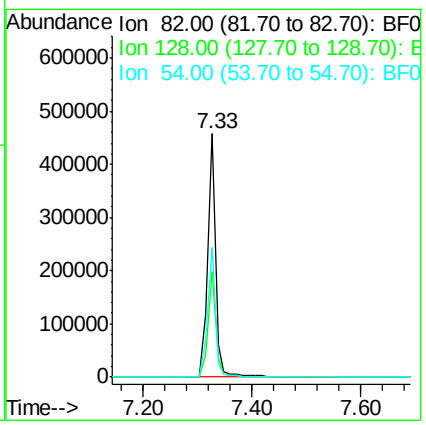


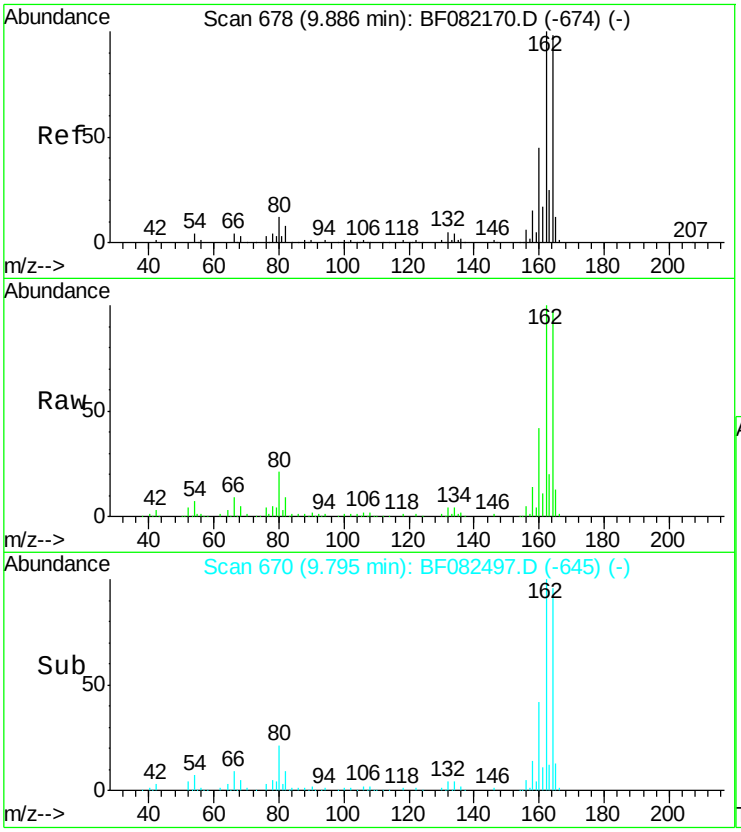


#23
Nitrobenzene-d5
Concen: 91.11 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion: 82 Resp: 471975

Ion	Ratio	Lower	Upper
82	100		
128	43.1	38.7	58.1
54	53.4	40.1	60.1



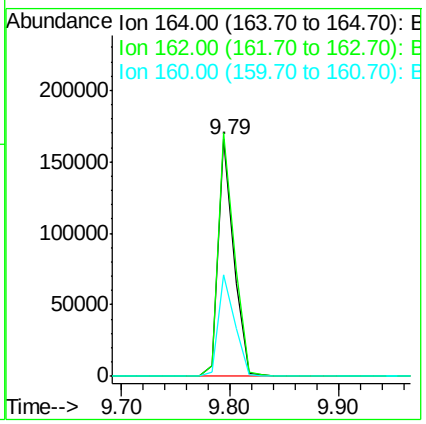


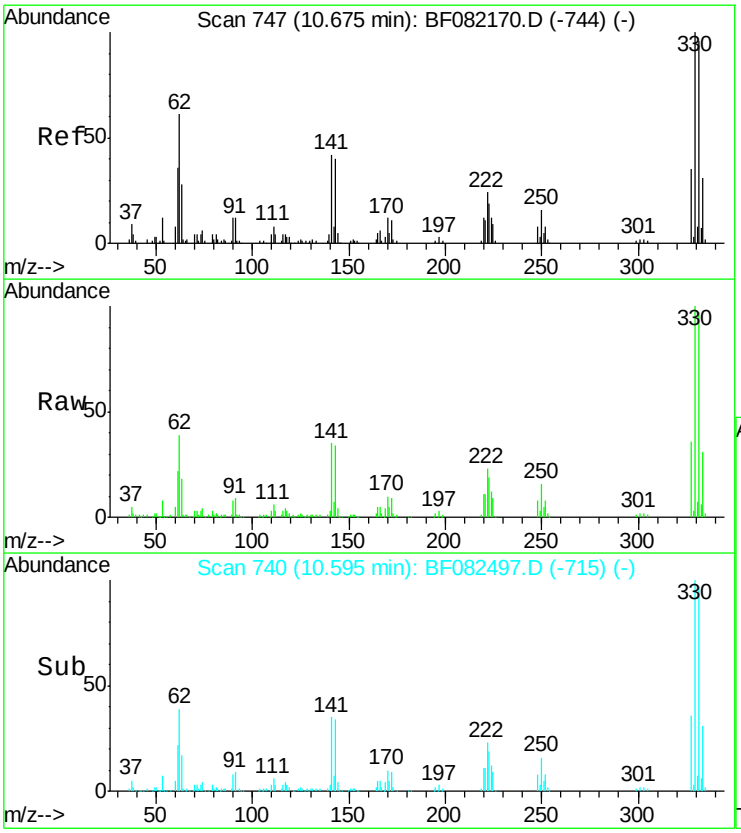
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:164 Resp: 166299

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.6	122.4
160	43.1	36.4	54.6

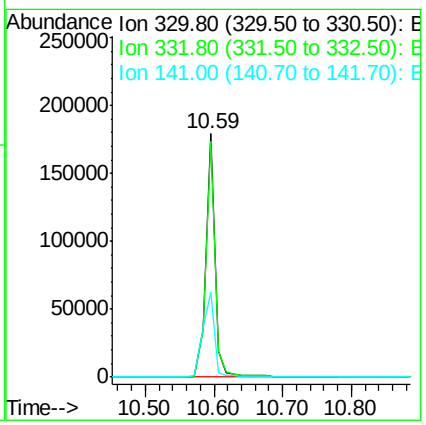


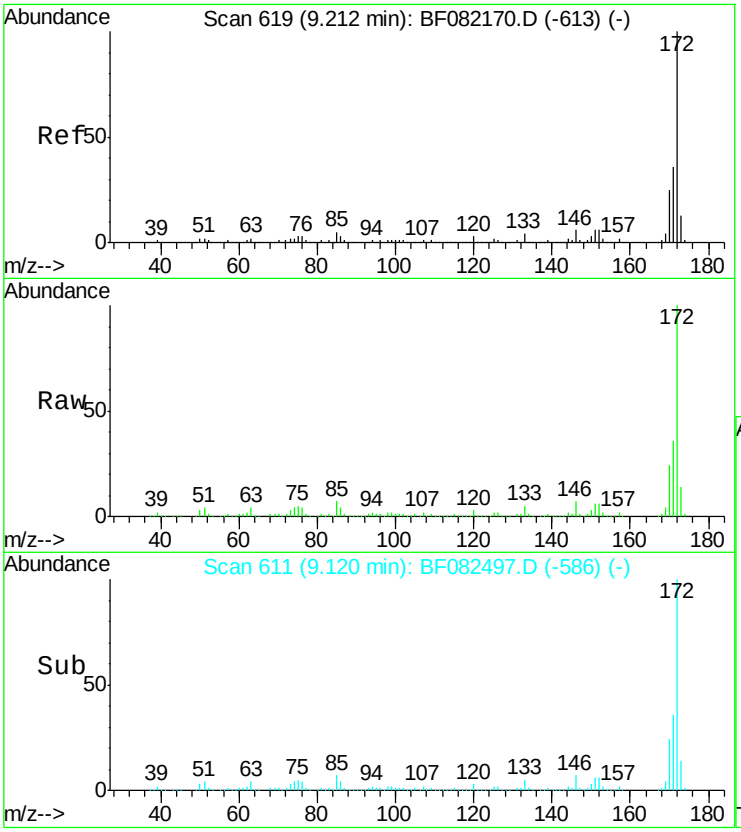


#41
2,4,6-Tribromophenol
Concen: 108.57 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:330 Resp: 169330

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	43.0	29.8	44.8



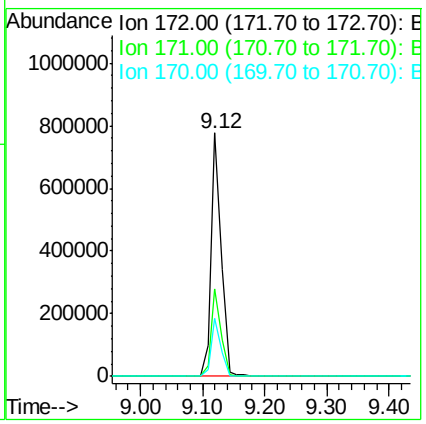


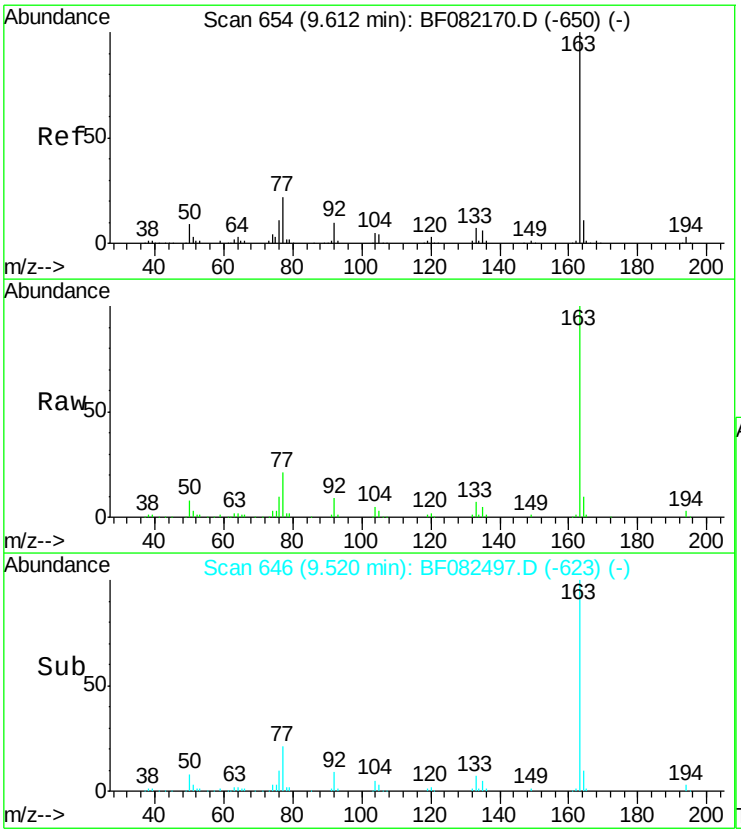
#44
2-Fluorobiphenyl
Concen: 85.91 ng
RT: 9.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:172 Resp: 861502

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	24.1	19.7	29.5

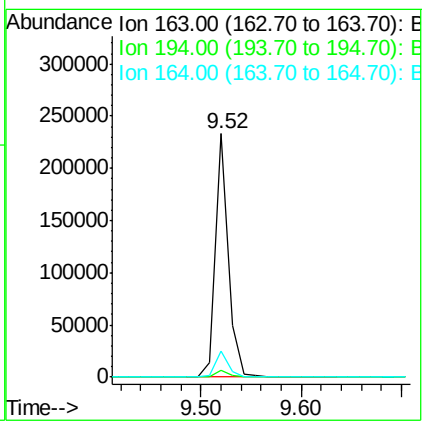


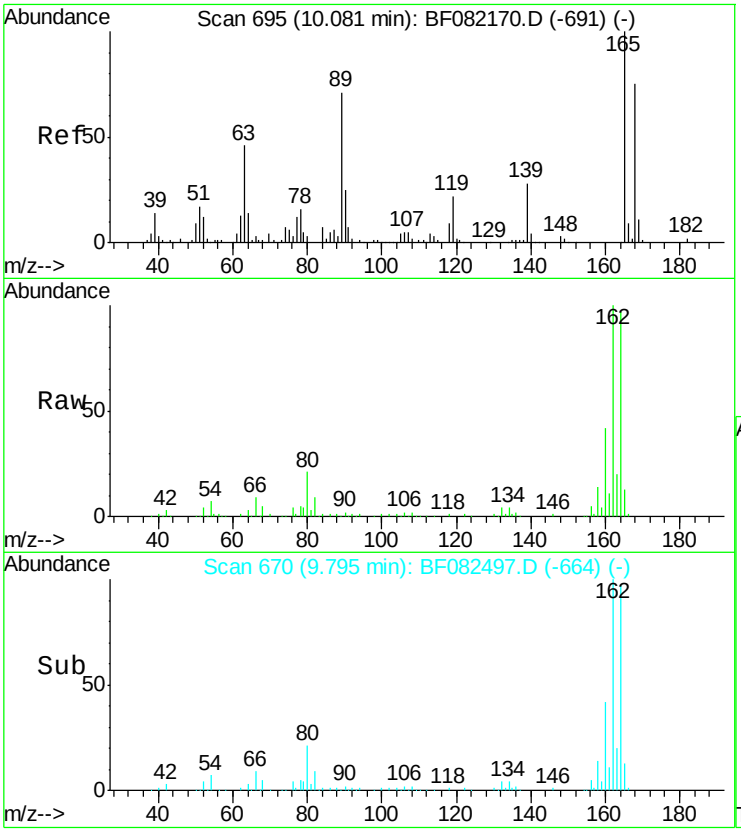


#49
Dimethylphthalate
Concen: 17.79 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:163 Resp: 208306

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.4	8.5	12.7



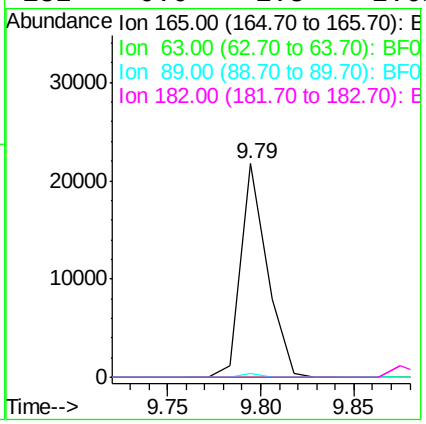


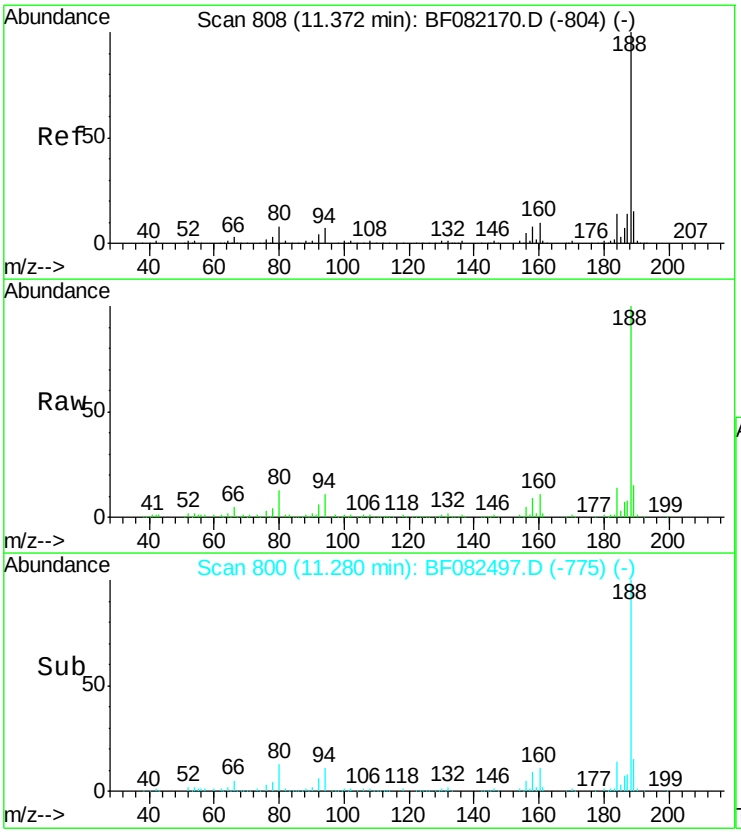
#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.23 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:165 Resp: 21407

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	1.7	57.0	85.6#
182	0.0	1.8	2.6#

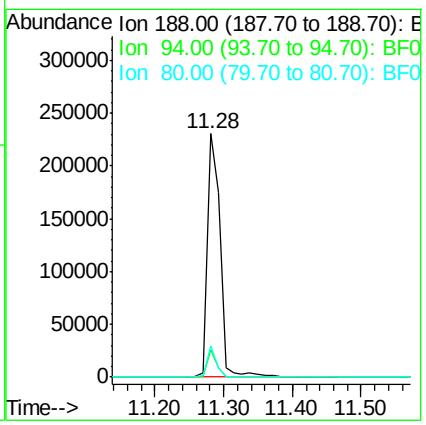


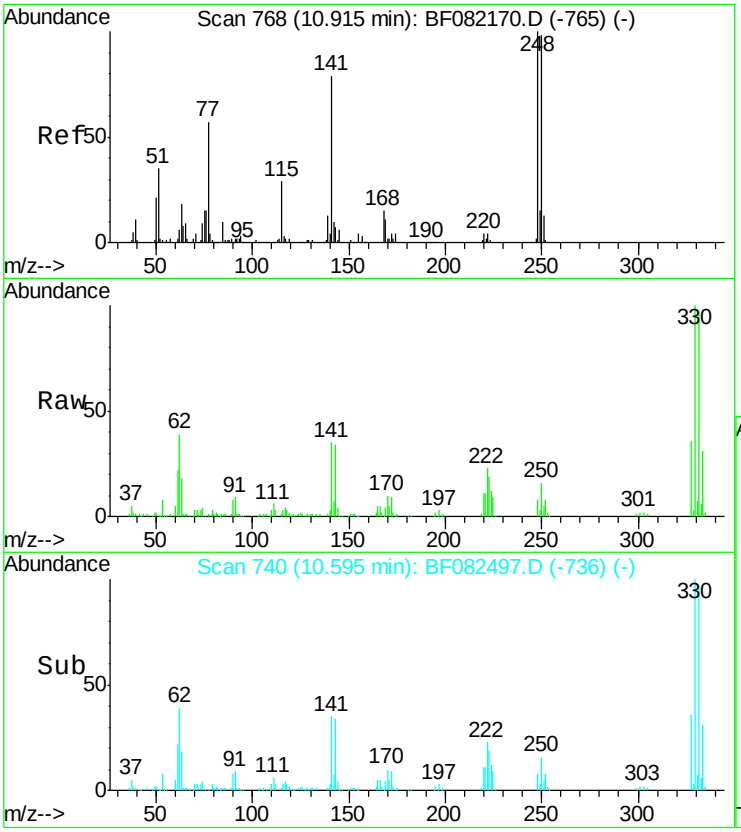


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:188 Resp: 299342

Ion	Ratio	Lower	Upper
188	100		
94	11.4	5.8	8.6#
80	12.9	6.4	9.6#



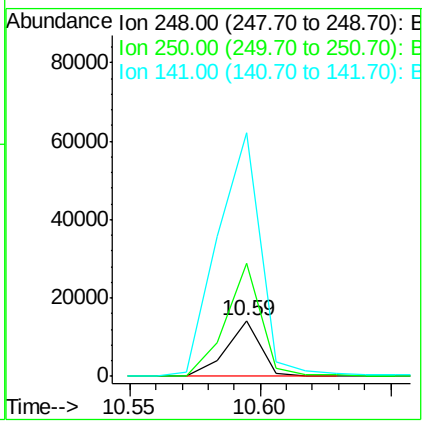


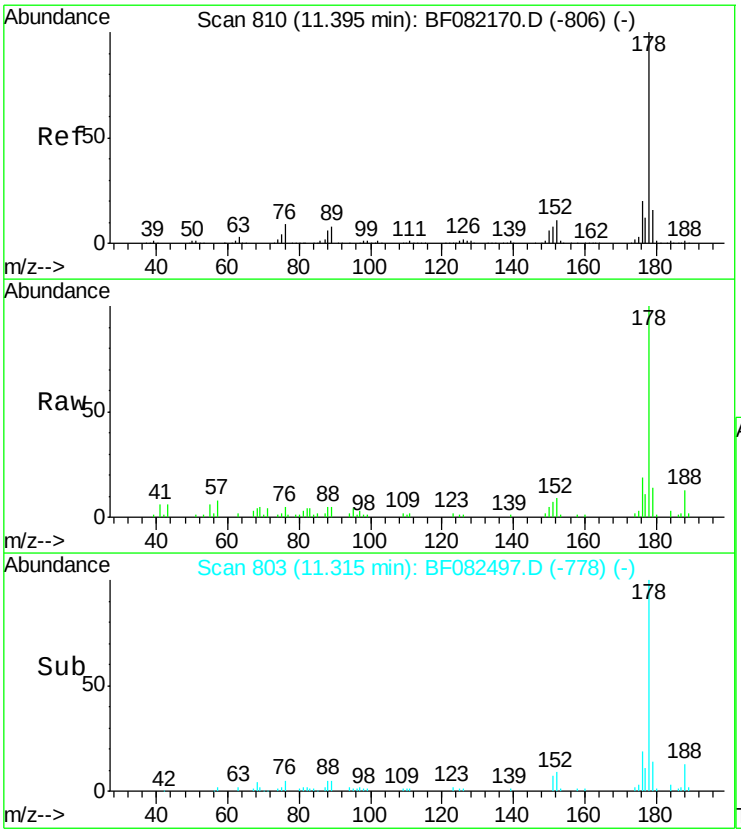
#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:248 Resp: 13159

Ion	Ratio	Lower	Upper
248	100		
250	203.6	78.6	117.8#
141	438.6	63.3	94.9#

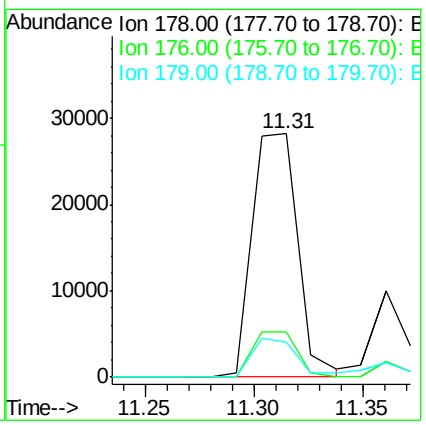


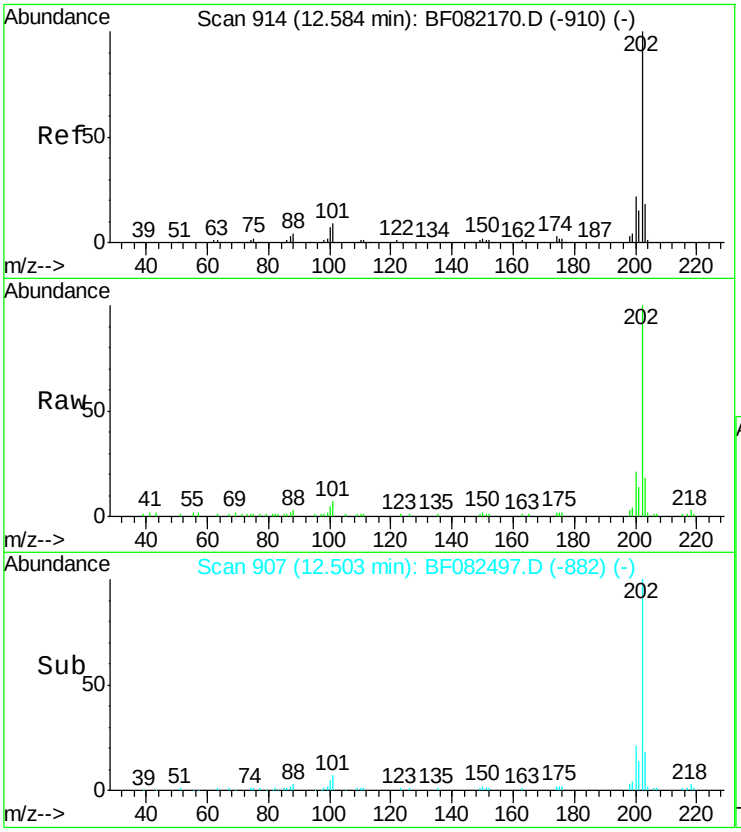


#70
Phenanthrene
Concen: 2.81 ng
RT: 11.31 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:178 Resp: 41252

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	14.4	12.6	19.0



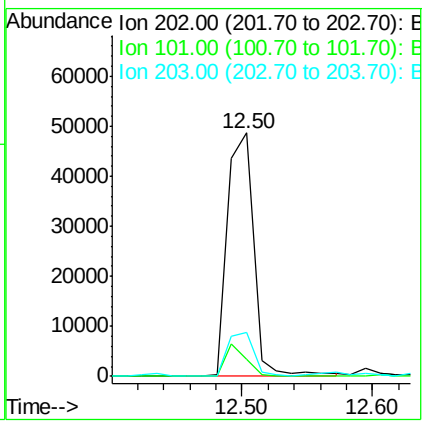


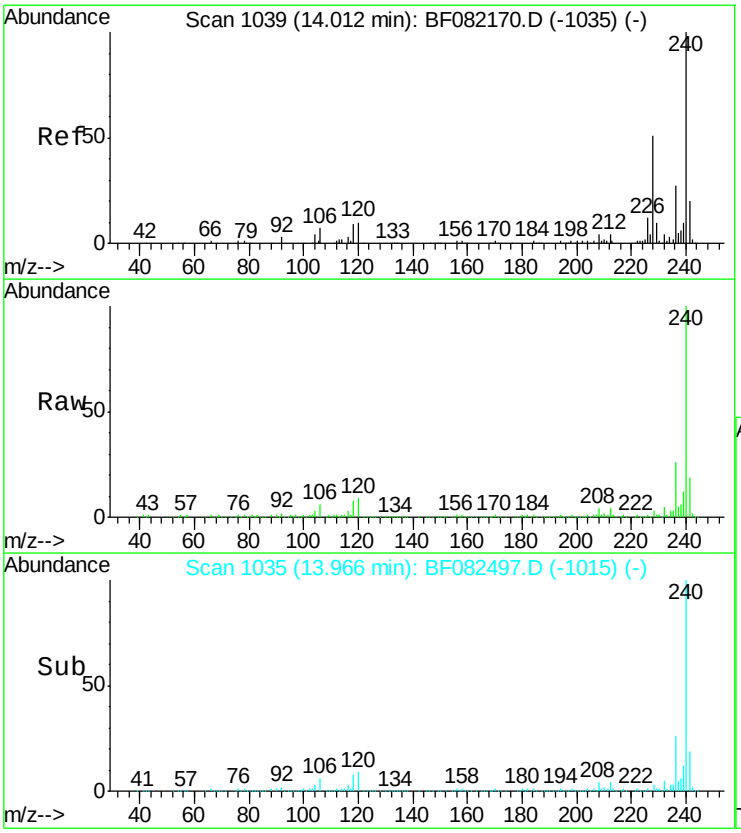
#74
Fluoranthene
Concen: 4.32 ng
RT: 12.50 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:202 Resp: 68111

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	29.3
203	18.0	0.0	37.8

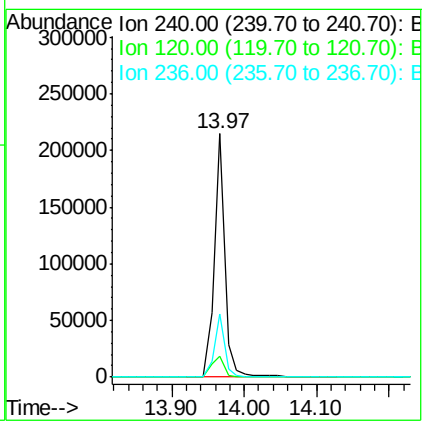


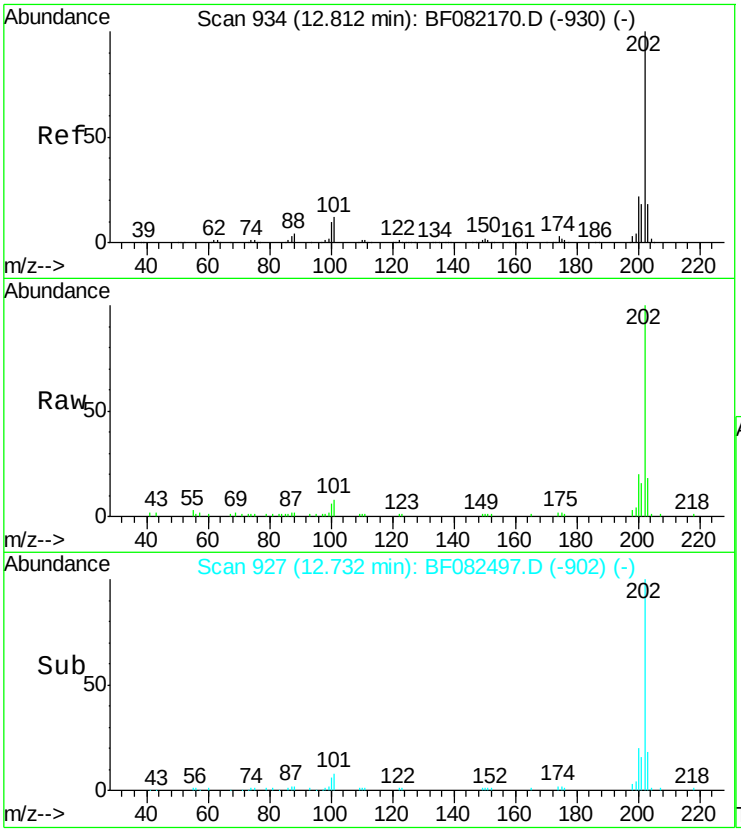


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.07 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:240 Resp: 218498

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.1	12.1
236	25.7	21.3	31.9



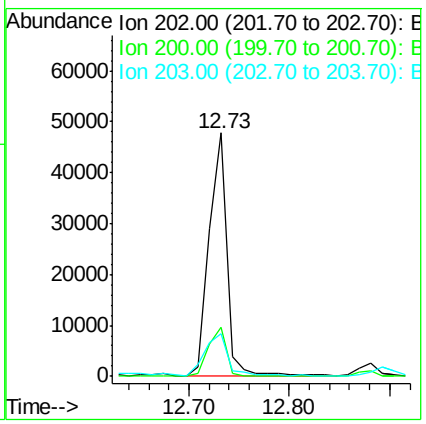


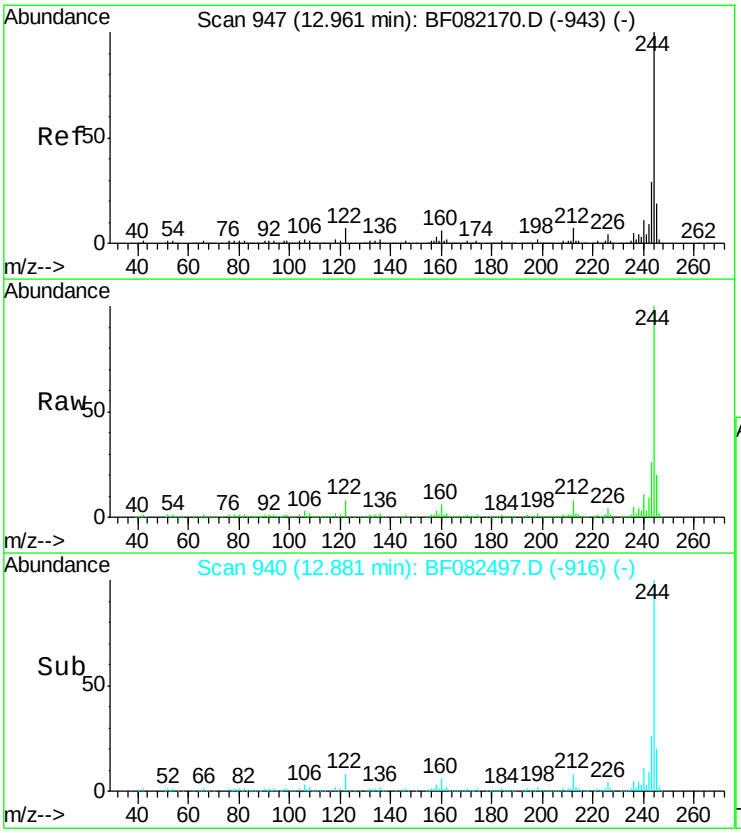
#77
Pyrene
Concen: 4.59 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:202 Resp: 59576

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.9	26.9
203	17.5	14.5	21.7

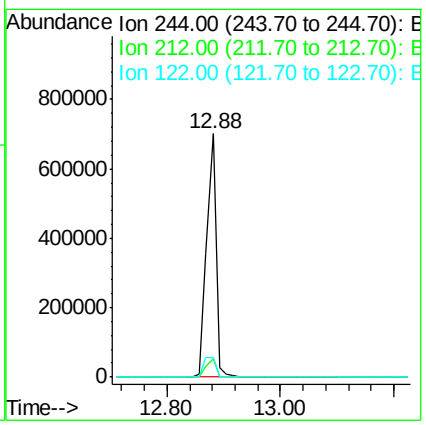


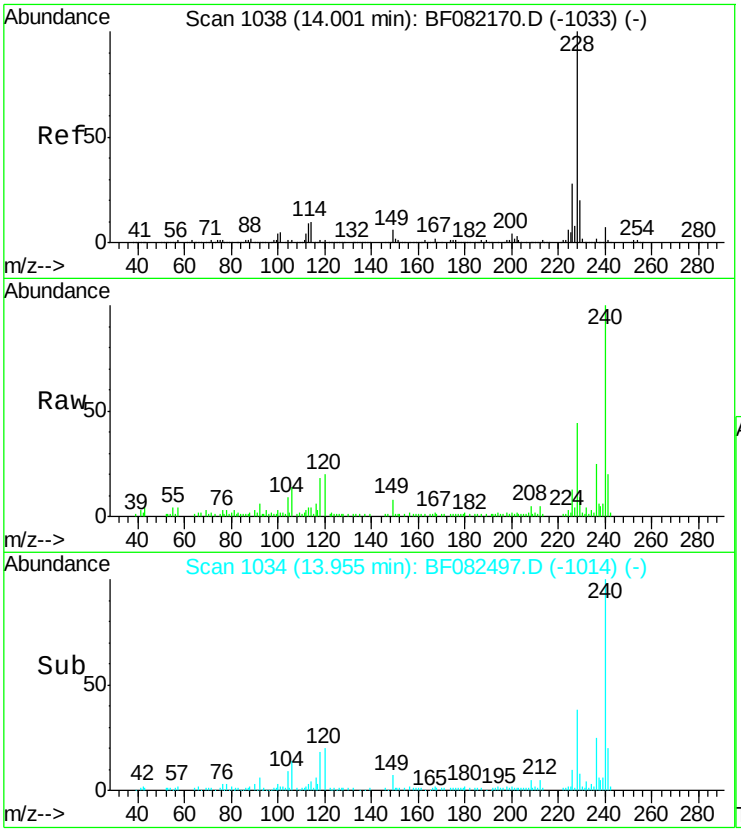


#78
Terphenyl-d14
Concen: 93.30 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:244 Resp: 769331

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.1	5.9	8.9



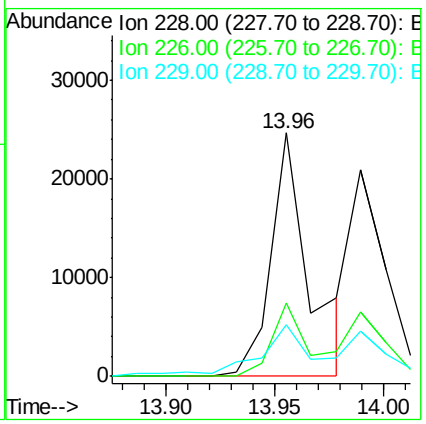


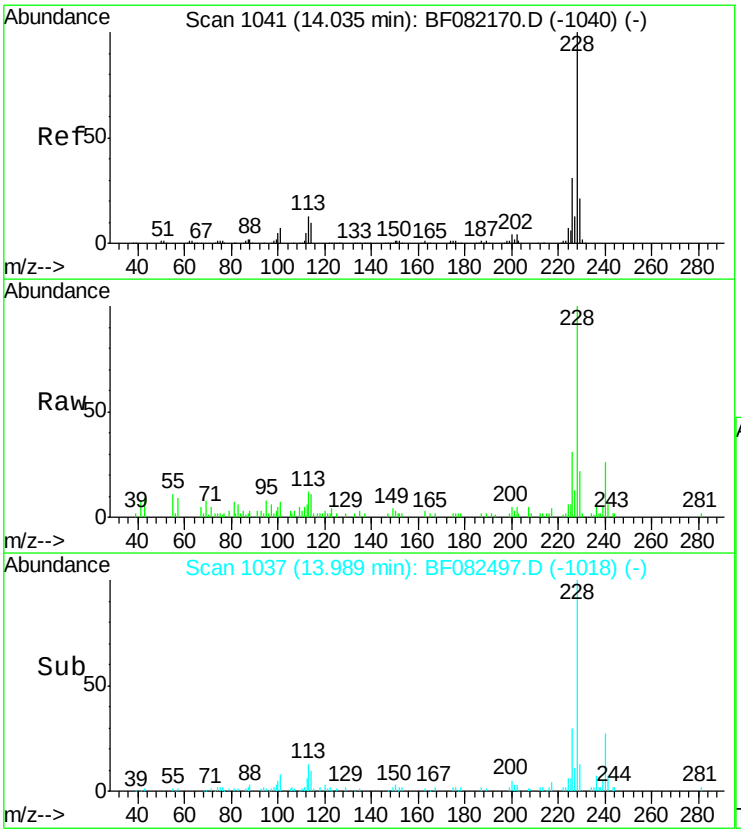
#80
Benzo(a)anthracene
Concen: 2.67 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:228 Resp: 30357

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.3	33.5
229	21.1	16.2	24.2

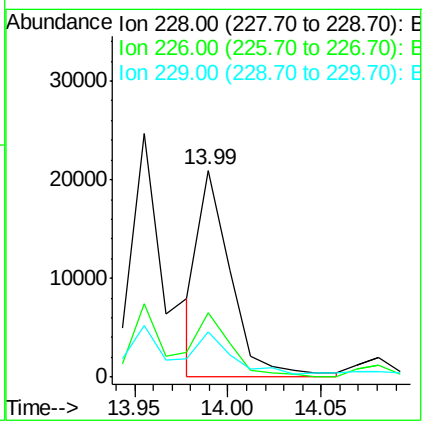


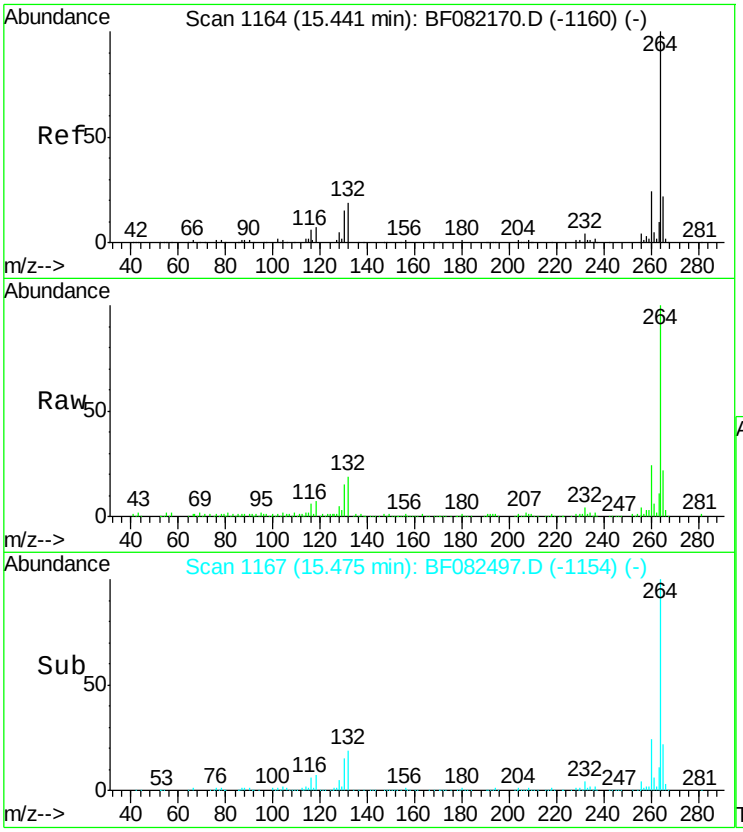


#82
Chrysene
Concen: 2.08 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:228 Resp: 24972

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	22.1	16.3	24.5



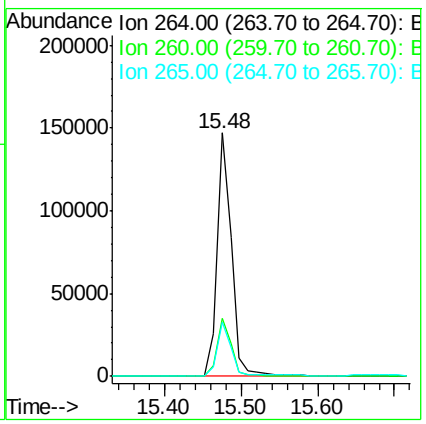


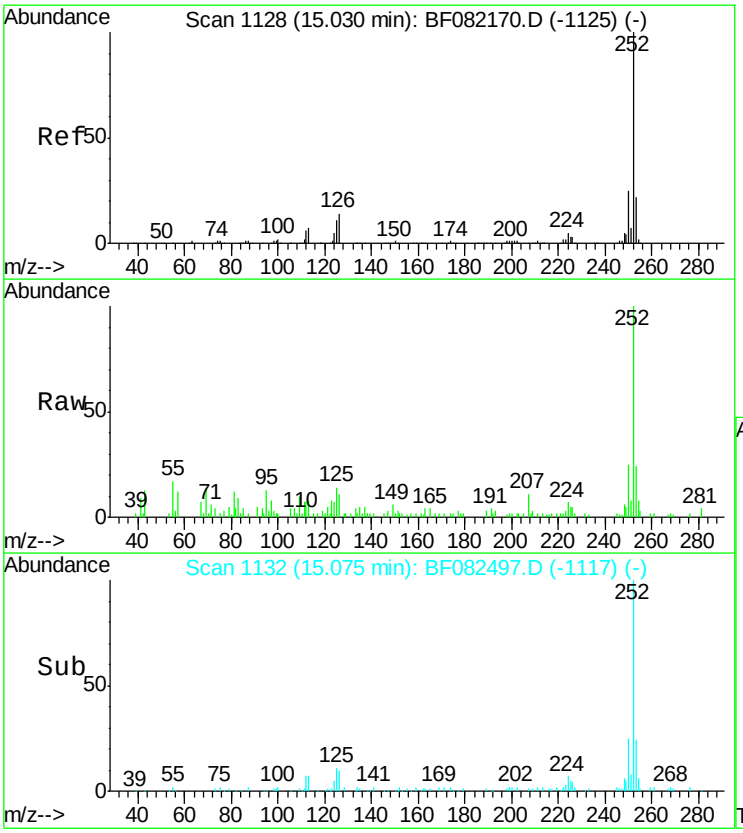
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.15 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:264 Resp: 192956

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.5	17.3	25.9

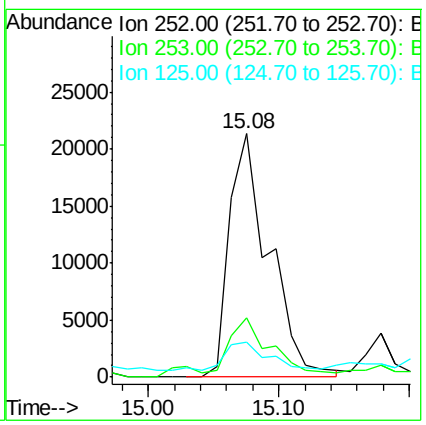


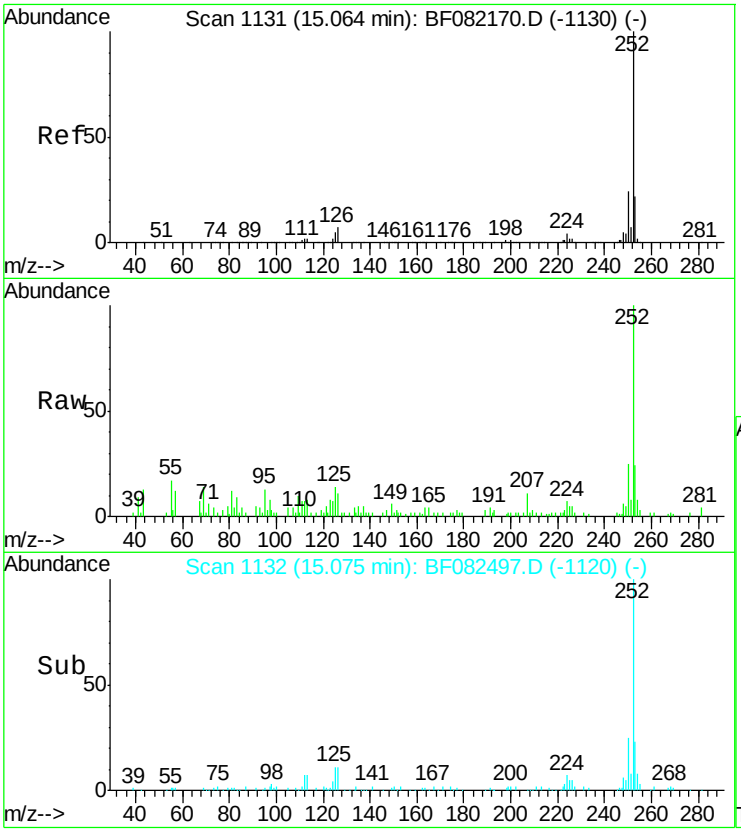


#87
Benzo(b)fluoranthene
Concen: 3.83 ng
RT: 15.08 min Scan# 1132
Delta R.T. -0.13 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:252 Resp: 45013

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	14.3	8.6	12.8#



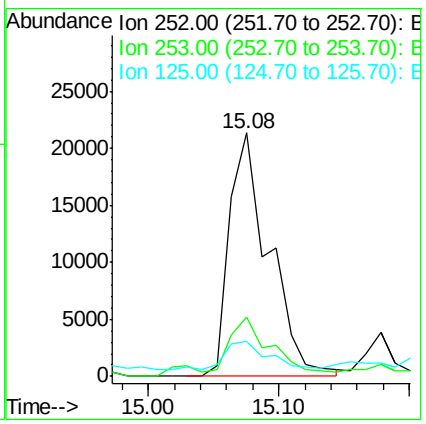


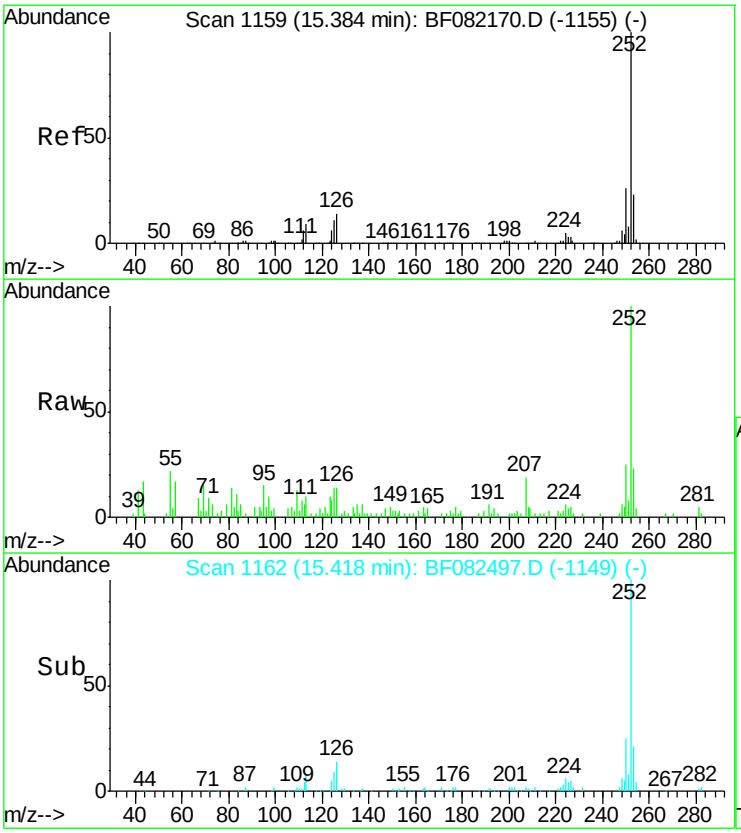
#88
Benzo(k)fluoranthene
Concen: 4.56 ng
RT: 15.08 min Scan# 1132
Delta R.T. -0.16 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Instrument :
BNA_F
ClientSampleId :
NB3-03(0-2)

Tgt Ion:252 Resp: 45013

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.3	6.7	10.1#





#89
Benzo(a)pyrene
Concen: 2.20 ng
RT: 15.42 min Scan# 1162
Delta R.T. -0.15 min
Lab File: BF082497.D
Acq: 24 Oct 2015 7:14

Tgt Ion:252 Resp: 22168

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	13.9	8.9	13.3#