Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082427.D
Acq On : 22 Oct 2015 3:10
Operator : UM/IZ
Sample : G4116-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Oct 22 12:17:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	97004	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	356201	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	156367	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	269368	20.00	ng		0.00
75) Chrysene-d12	13.94	240	197304	20.00	ng		-0.07
86) Perylene-d12	15.41	264	203501	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	620182	129.03	ng		0.01
7) Phenol-d6	6.41	99	721296	115.32	ng		-0.01
23) Nitrobenzene-d5	7.34	82	440033	82.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	151362	103.22	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	922902	97.88	ng		0.00
78) Terphenyl-d14	12.89	244	635543	85.36	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.93	79	8744	2.03	ng	#	51
19) n-Nitroso-di-n-propylamine	7.34	70	56888	12.95	ng	#	80
25) Isophorone	7.34	82	401917	37.54	ng	#	66
49) Dimethylphthalate	9.53	163	193339	17.56	ng		99
55) 4-Nitrophenol	10.02	139	496	Below Cal		#	11
56) 2,4-Dinitrotoluene	9.82	165	19714	6.79	ng	#	21
66) 4-Bromophenyl-phenylether	10.61	248	12002	4.45	ng	#	1
70) Phenanthrene	11.33	178	36051	2.73	ng		96
74) Fluoranthene	12.51	202	55241	3.90	ng		97
77) Pyrene	12.74	202	49107	4.19	ng		97
80) Benzo(a)anthracene	13.94	228	25069	2.44	ng	#	91
82) Chrysene	13.94	228	25069	2.32	ng		94
85) Indeno(1,2,3-cd)pyrene	16.79	276	18402	2.14	ng		97
87) Benzo(b)fluoranthene	15.00	252	47432	3.83	ng	#	97
88) Benzo(k)fluoranthene	15.00	252	47432	4.56	ng	#	95
89) Benzo(a)pyrene	15.35	252	21940	2.06	ng	#	95
91) Benzo(g,h,i)perylene	17.21	276	18680	2.21	ng		99

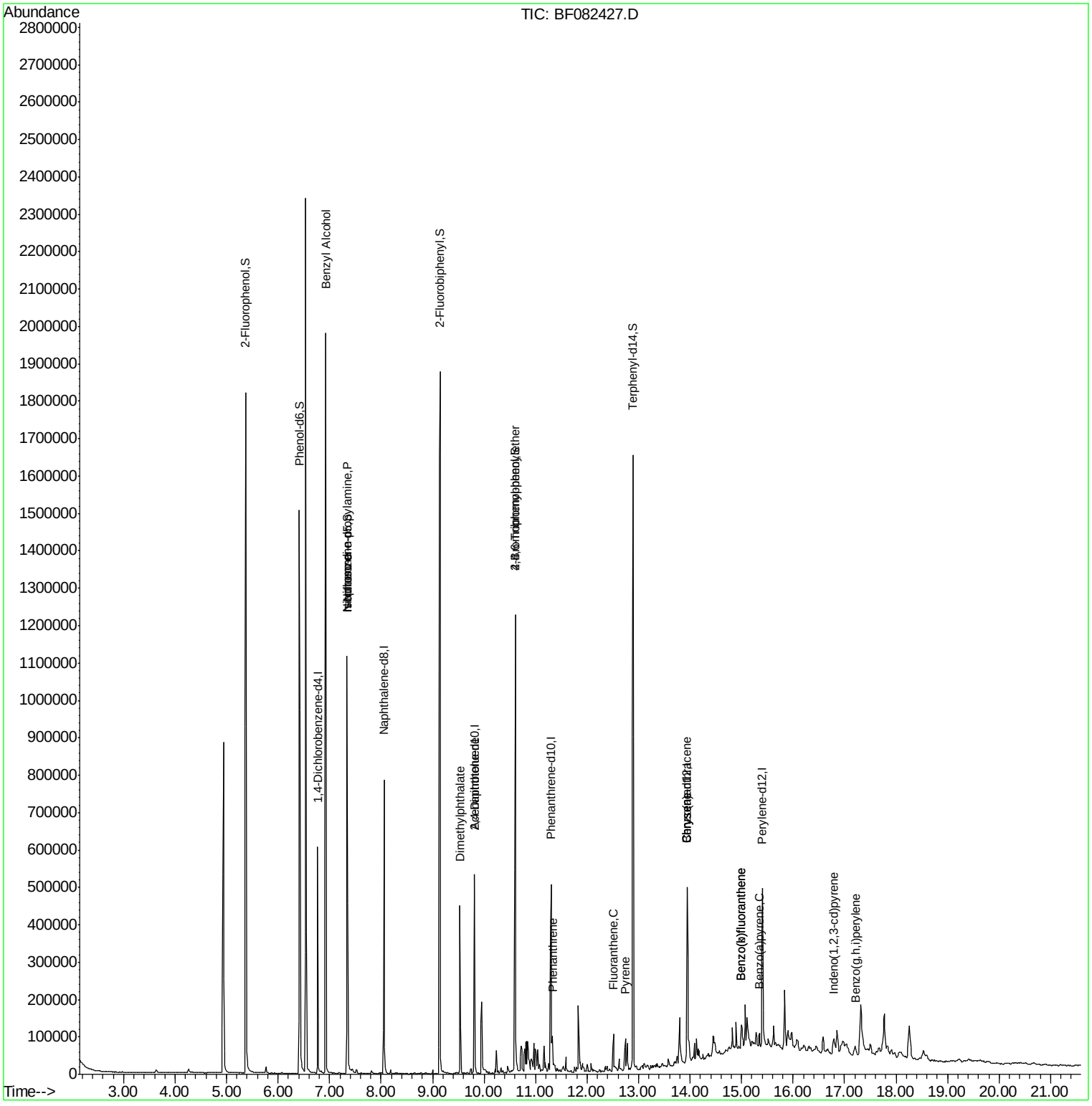
(#) = qualifier out of range (m) = manual integration (+) = signals summed

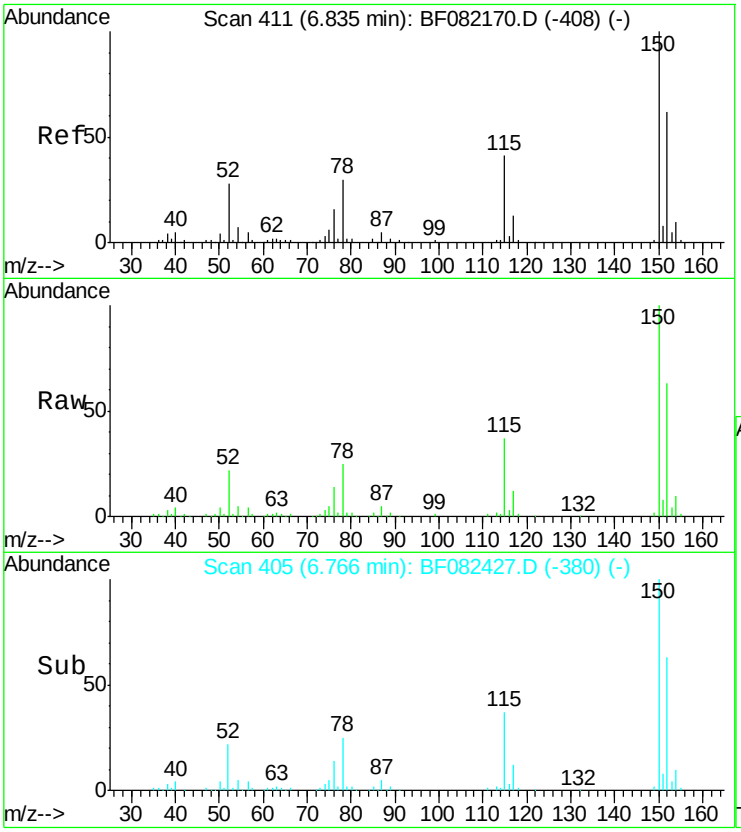
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082427.D
Acq On : 22 Oct 2015 3:10
Operator : UM/IZ
Sample : G4116-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Oct 22 12:17:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration



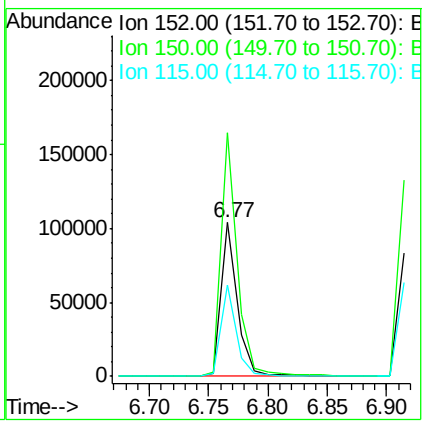


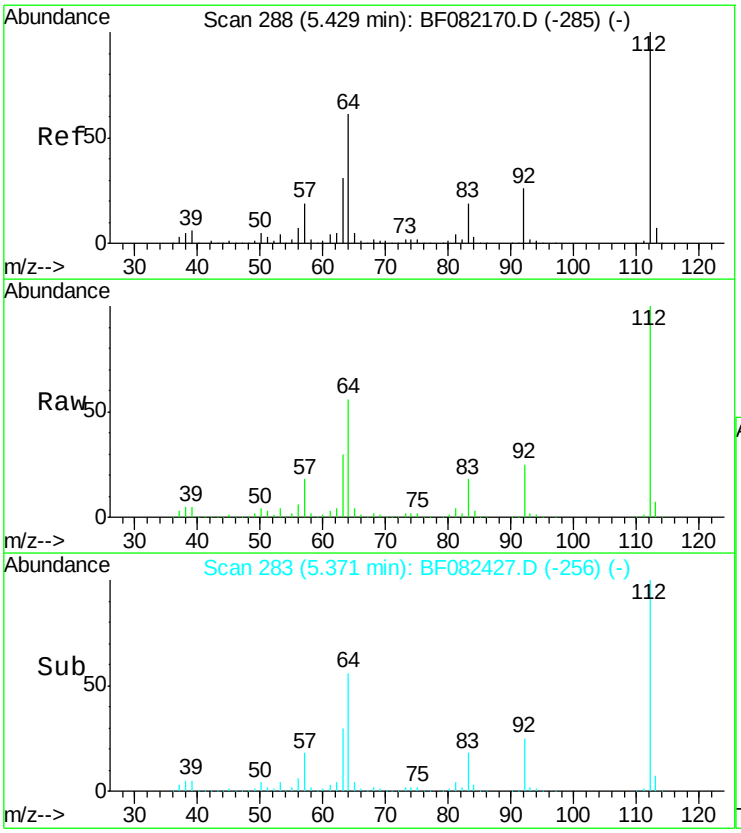
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:152 Resp: 97004

Ion	Ratio	Lower	Upper
152	100		
150	158.7	129.0	193.4
115	59.2	52.1	78.1

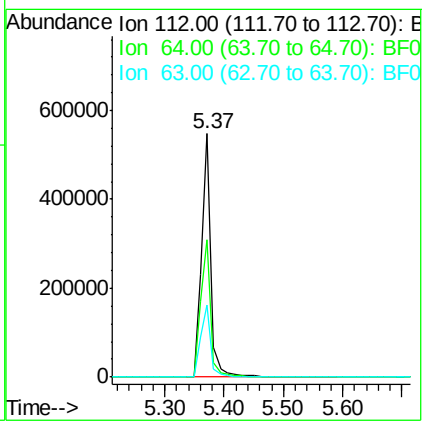


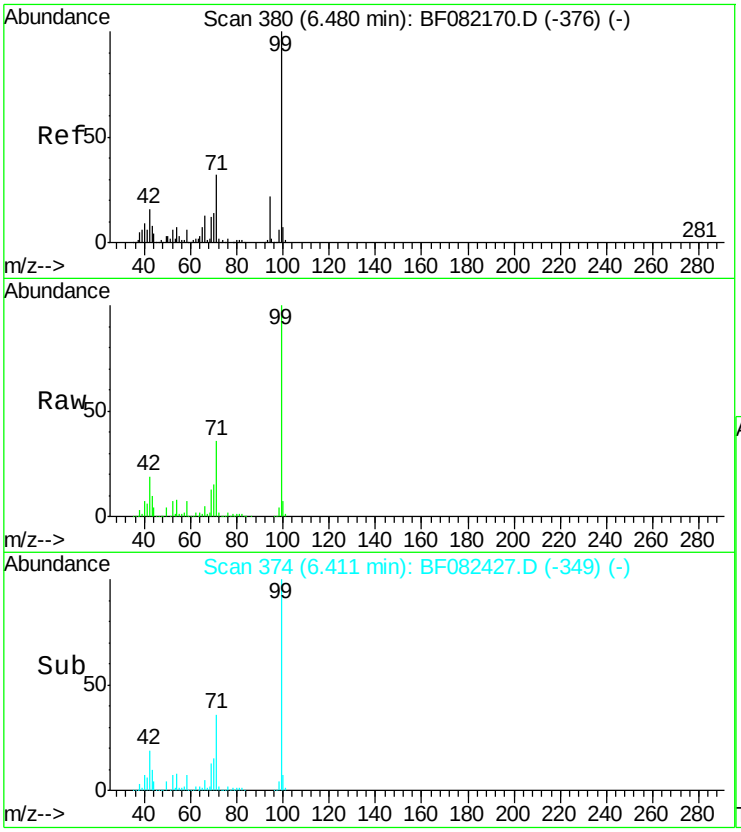


#5
2-Fluorophenol
Concen: 129.03 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:112 Resp: 620182

Ion	Ratio	Lower	Upper
112	100		
64	56.3	48.6	73.0
63	29.8	25.1	37.7



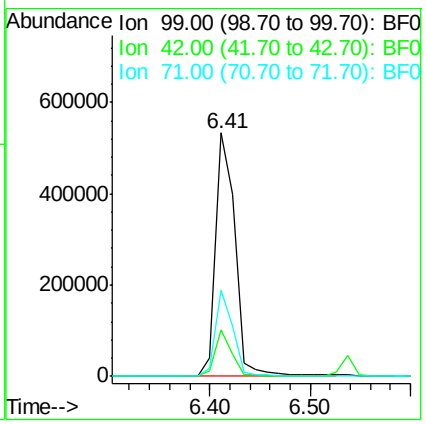


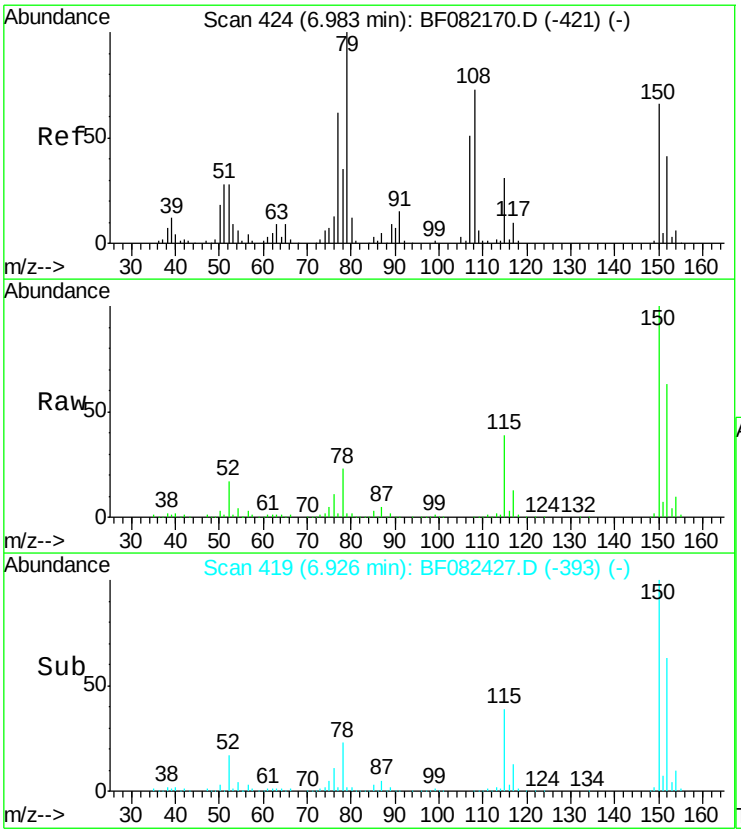
#7
Phenol-d6
Concen: 115.32 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion: 99 Resp: 721296

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.2	19.8
71	35.5	25.6	38.4

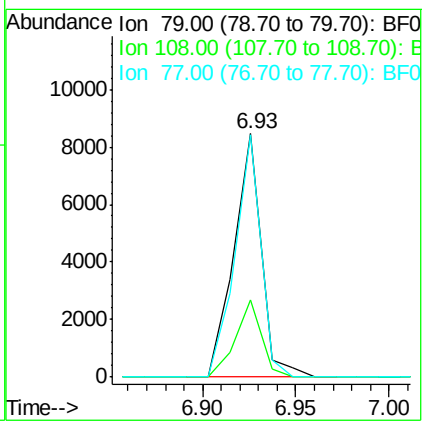


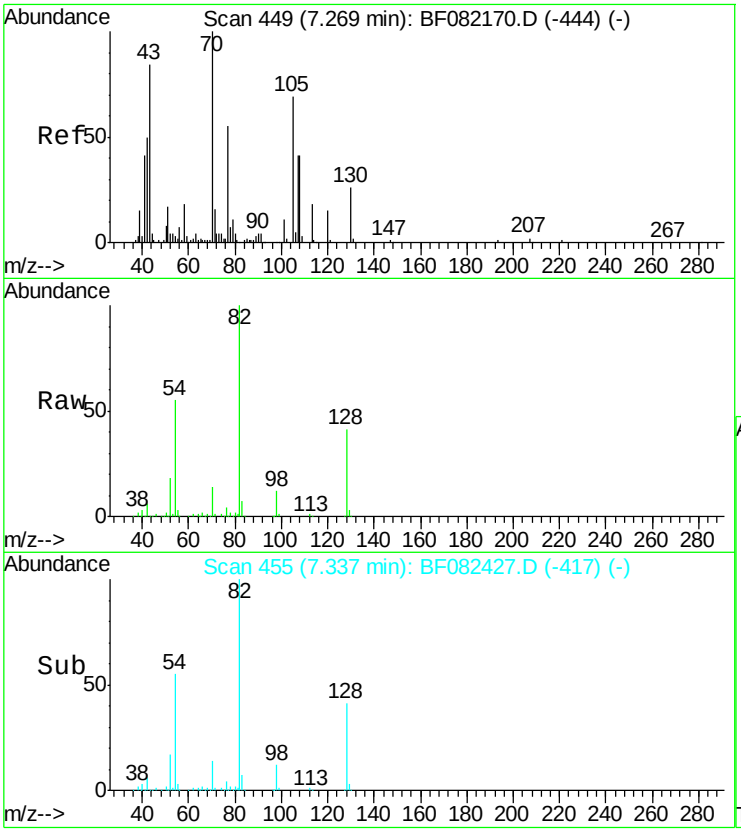


#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion: 79 Resp: 8744

Ion	Ratio	Lower	Upper
79	100		
108	31.9	58.4	87.6#
77	99.5	49.8	74.6#



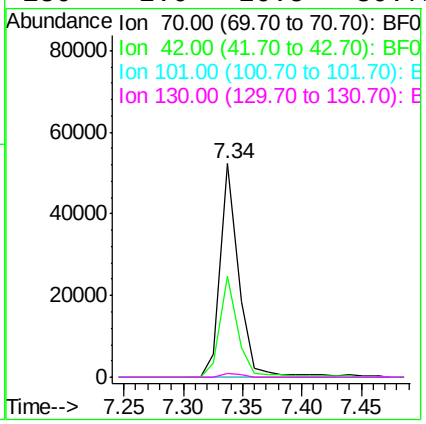


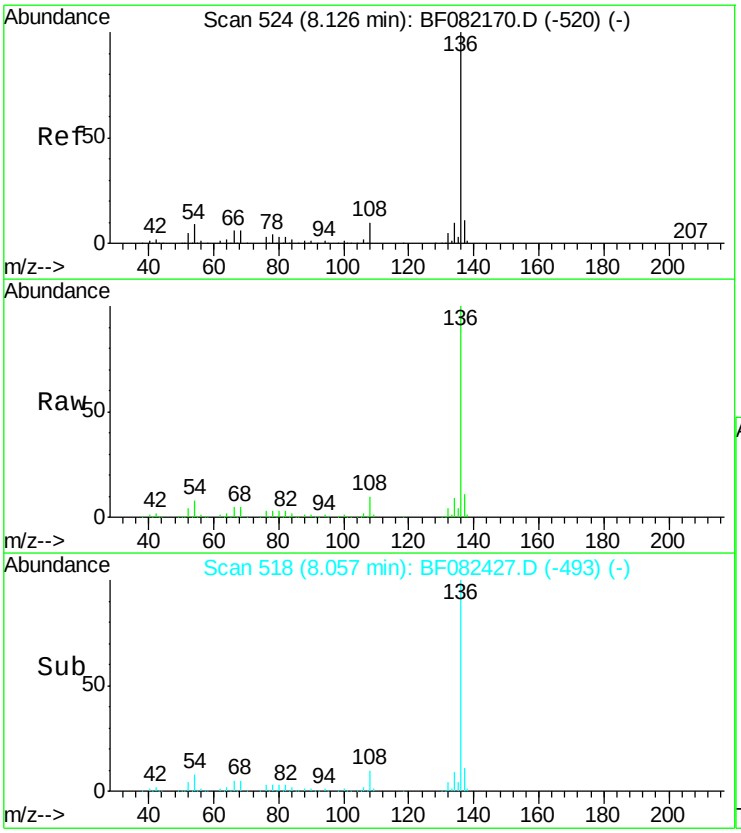
#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion: 70 Resp: 56888

Ion	Ratio	Lower	Upper
70	100		
42	47.1	39.8	59.8
101	0.0	8.6	13.0#
130	2.0	20.5	30.7#

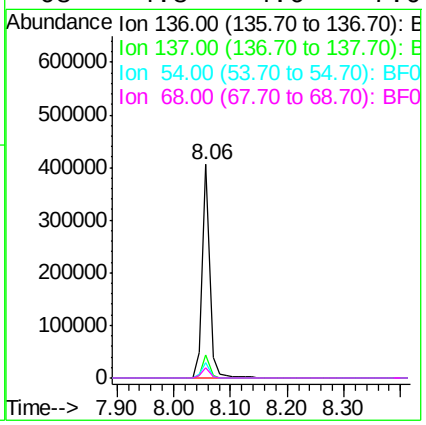


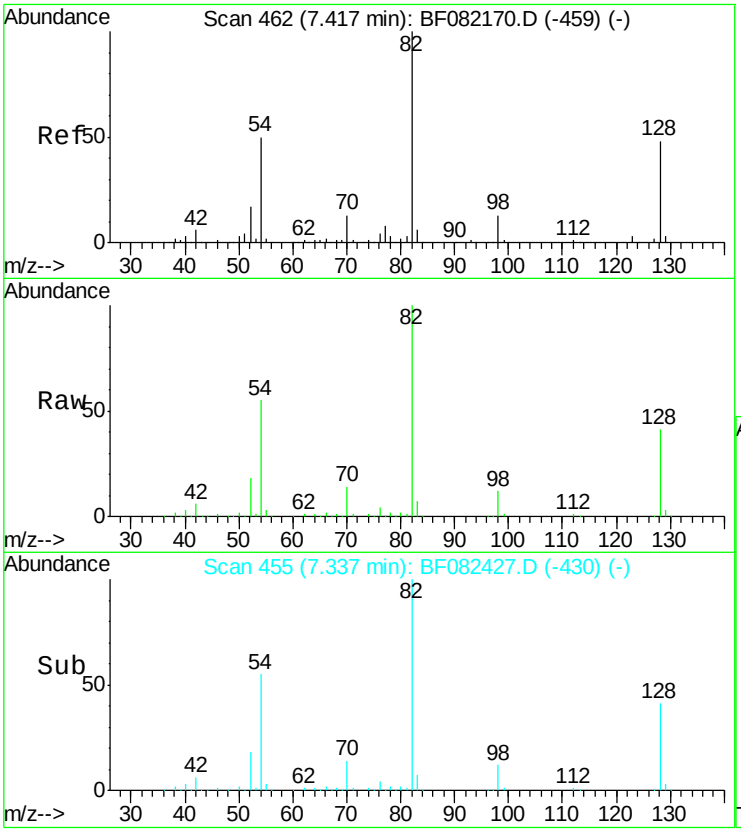


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:136 Resp: 356201

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.5	7.5	11.3#
68	4.8	4.6	7.0



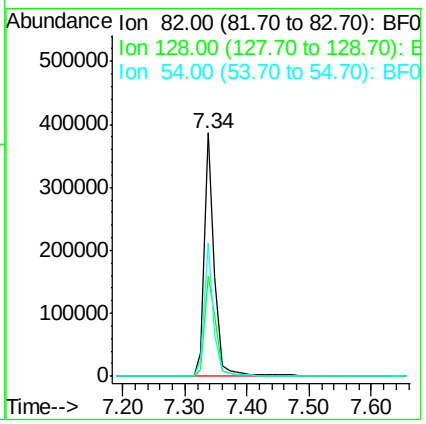


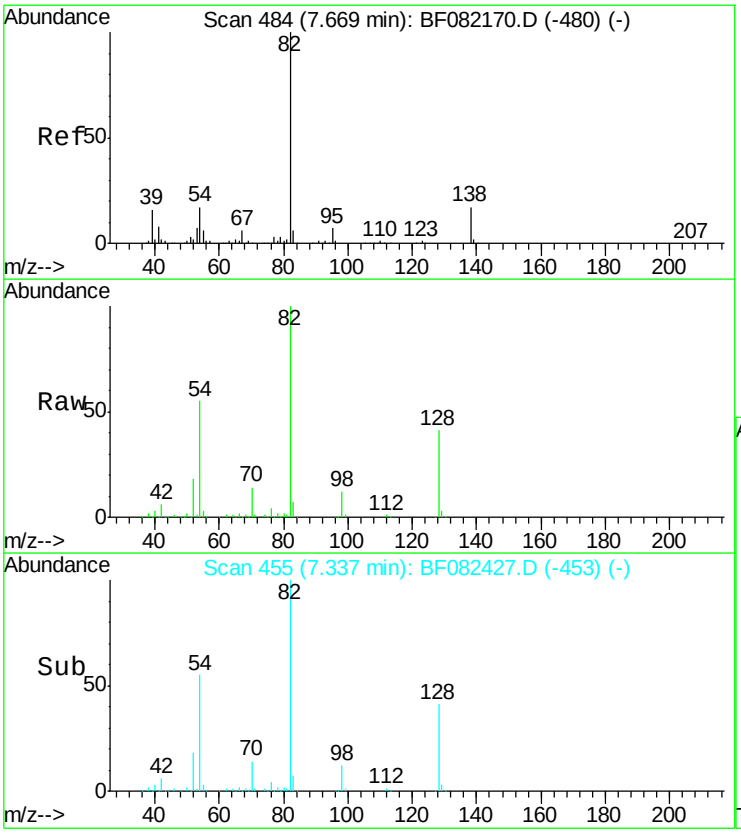
#23
Nitrobenzene-d5
Concen: 82.96 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion: 82 Resp: 440033

Ion	Ratio	Lower	Upper
82	100		
128	40.9	38.7	58.1
54	55.1	40.1	60.1

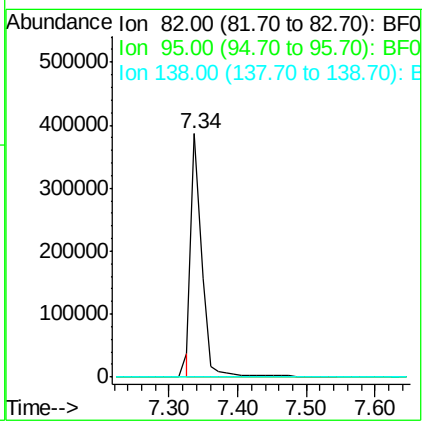


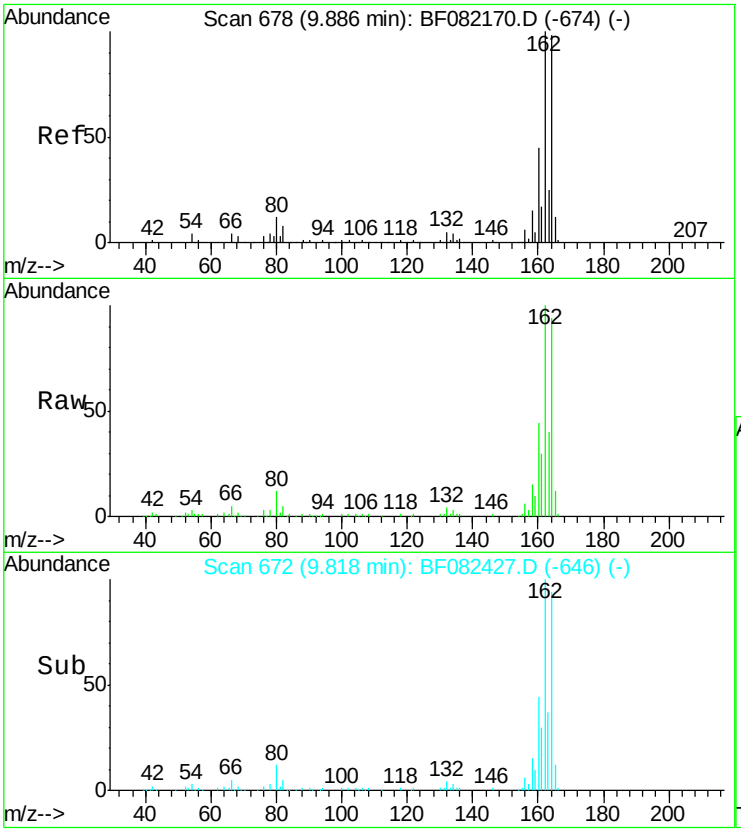


#25
Isophorone
Concen: 37.54 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion: 82 Resp: 401917

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#



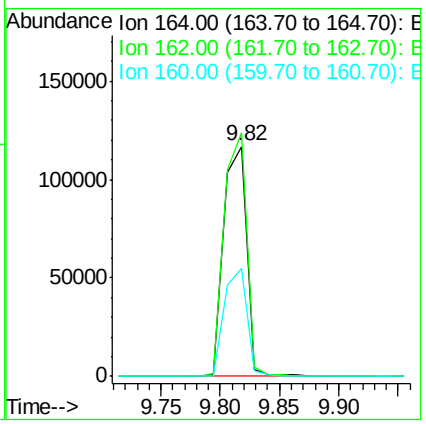


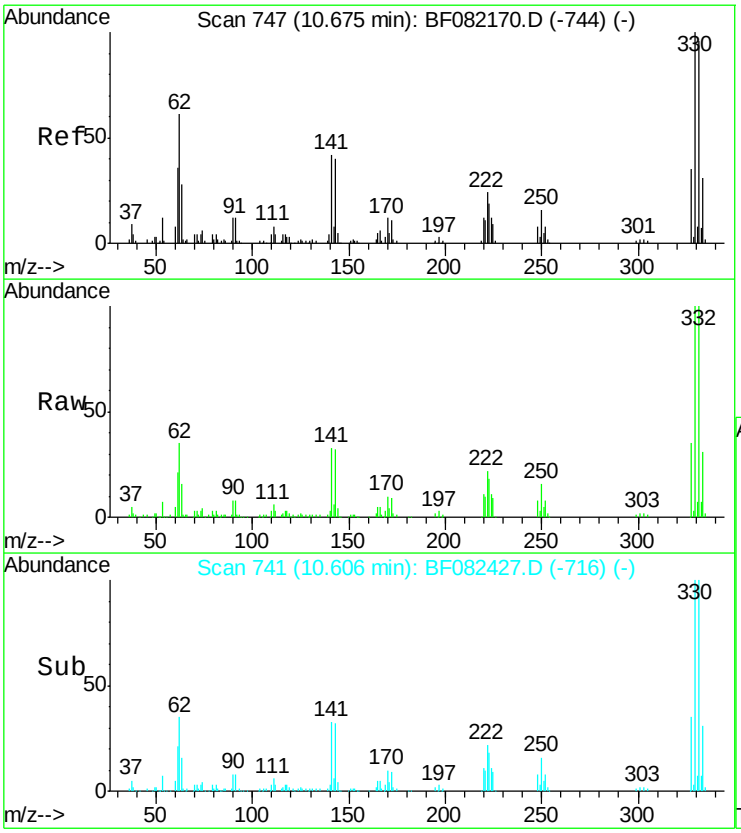
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:164 Resp: 156367

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.6	122.4
160	46.7	36.4	54.6

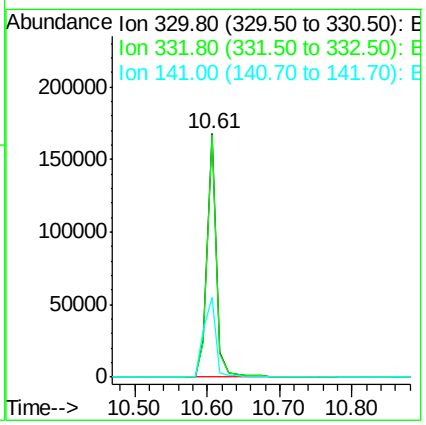


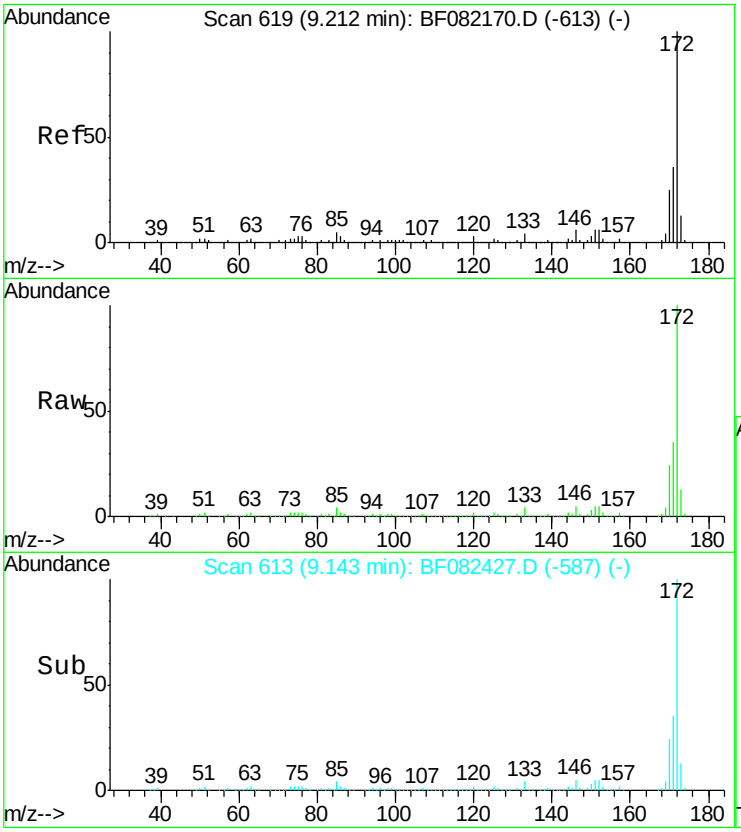


#41
2,4,6-Tribromophenol
Concen: 103.22 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:330 Resp: 151362

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.1	115.7
141	42.7	29.8	44.8



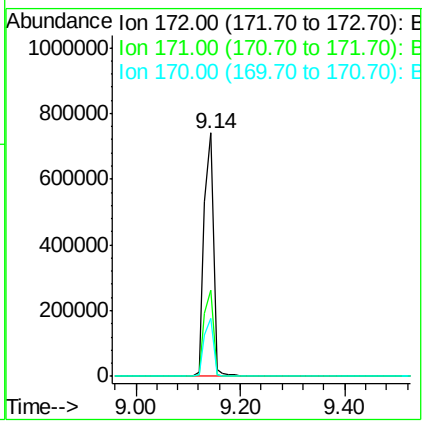


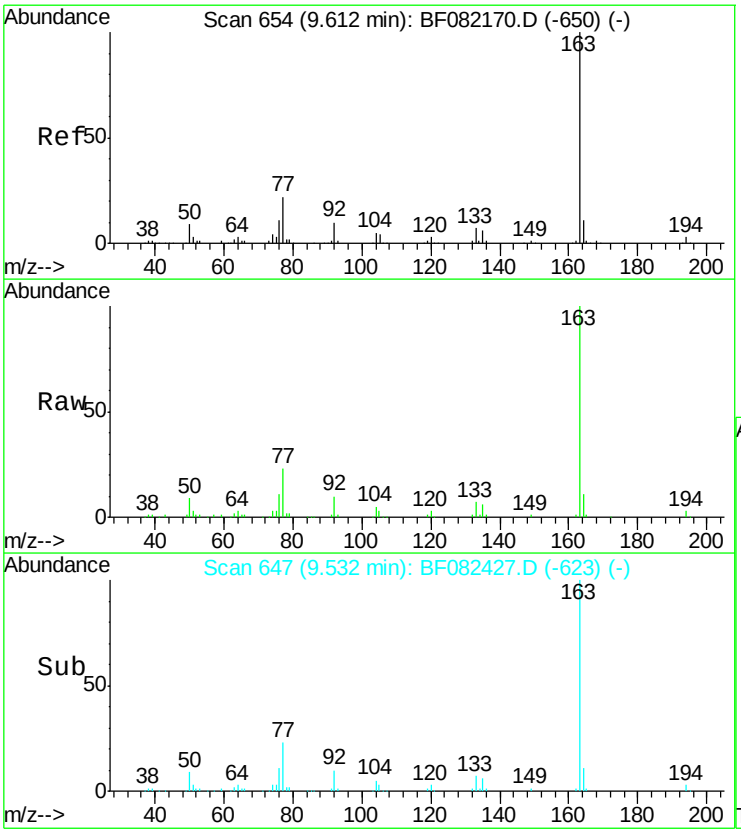
#44
2-Fluorobiphenyl
Concen: 97.88 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:172 Resp: 922902

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.7	19.7	29.5

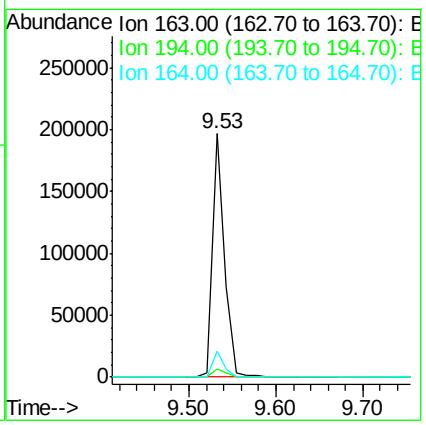


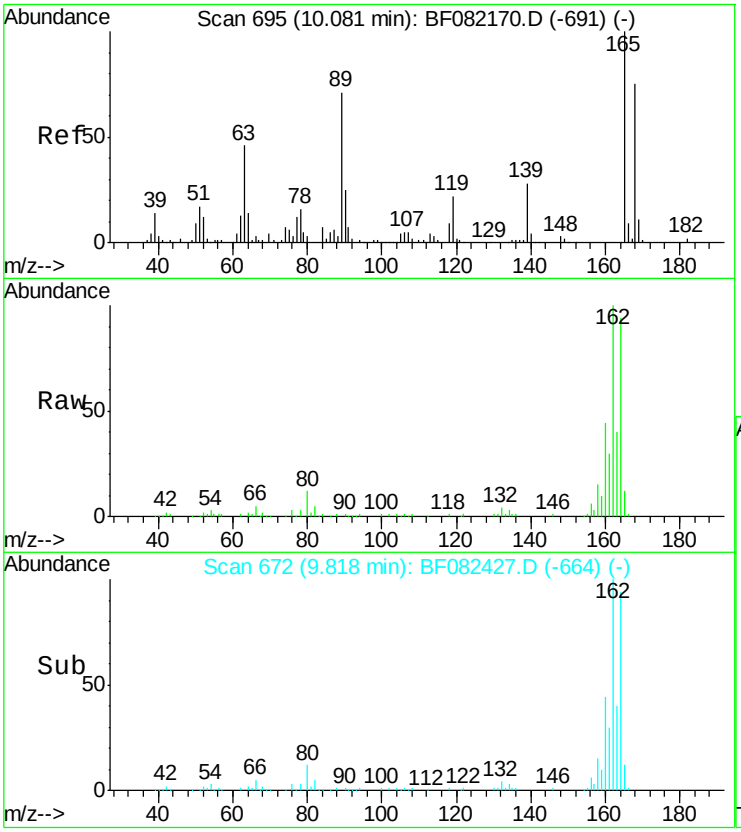


#49
Dimethylphthalate
Concen: 17.56 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:163 Resp: 193339

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.9	8.5	12.7



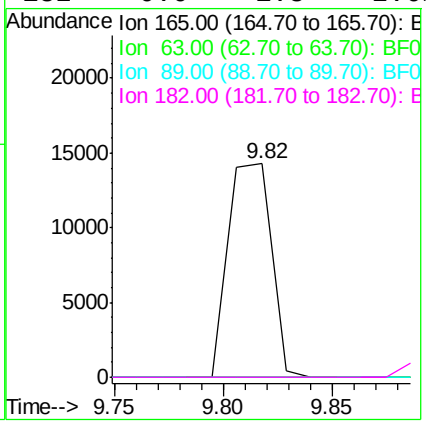


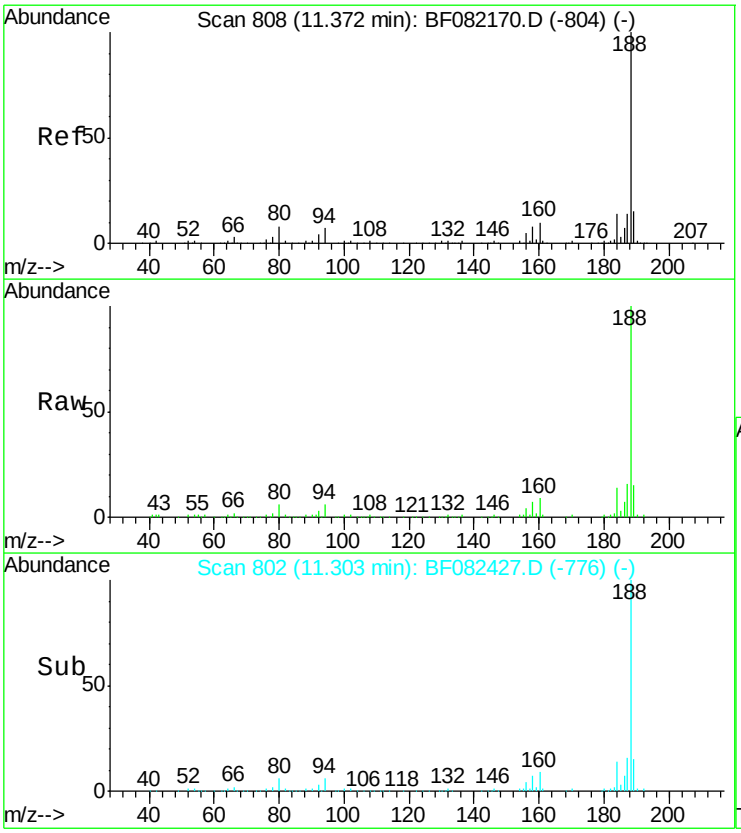
#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:165 Resp: 19714

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

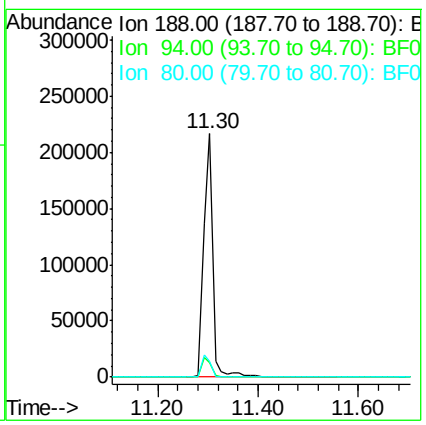


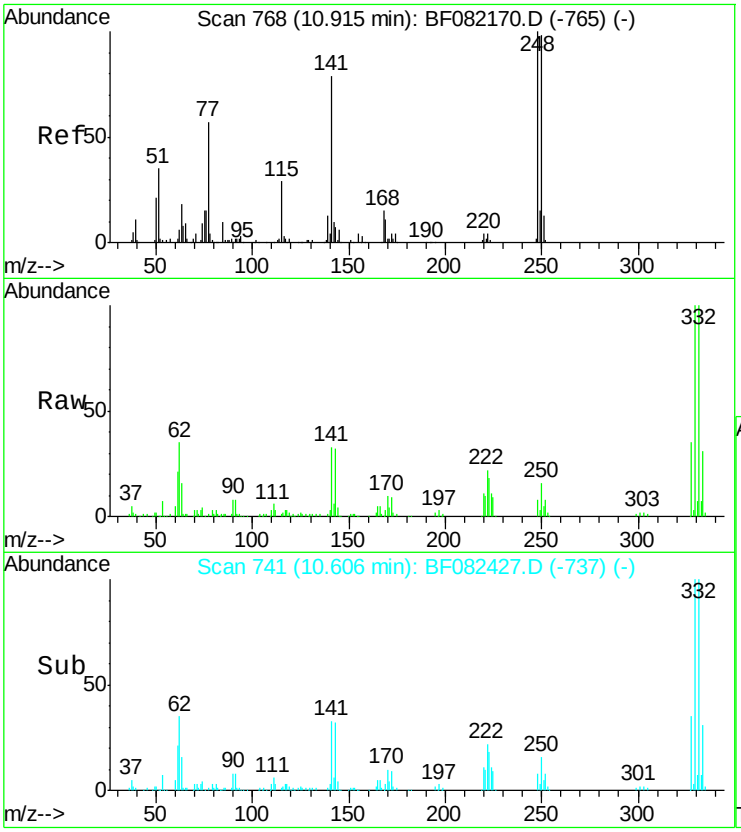


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:188 Resp: 269368

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.6
80	6.3	6.4	9.6#



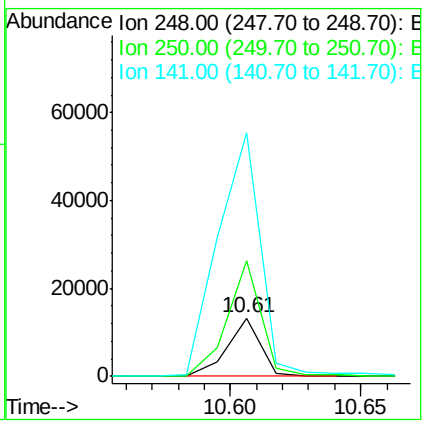


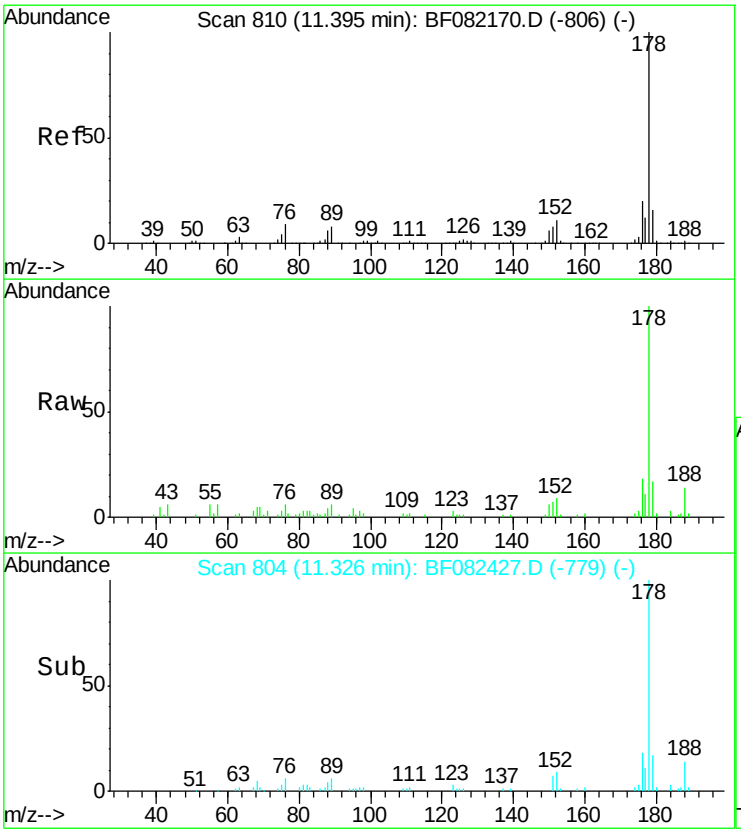
#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:248 Resp: 12002

Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.6	117.8#
141	416.4	63.3	94.9#

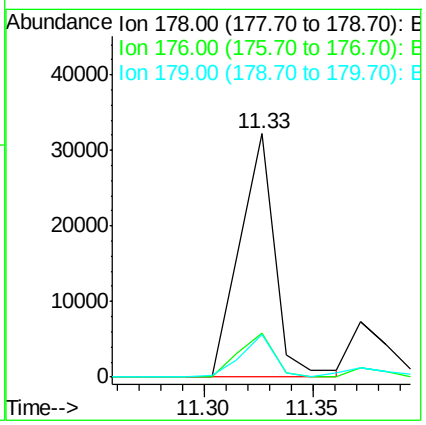


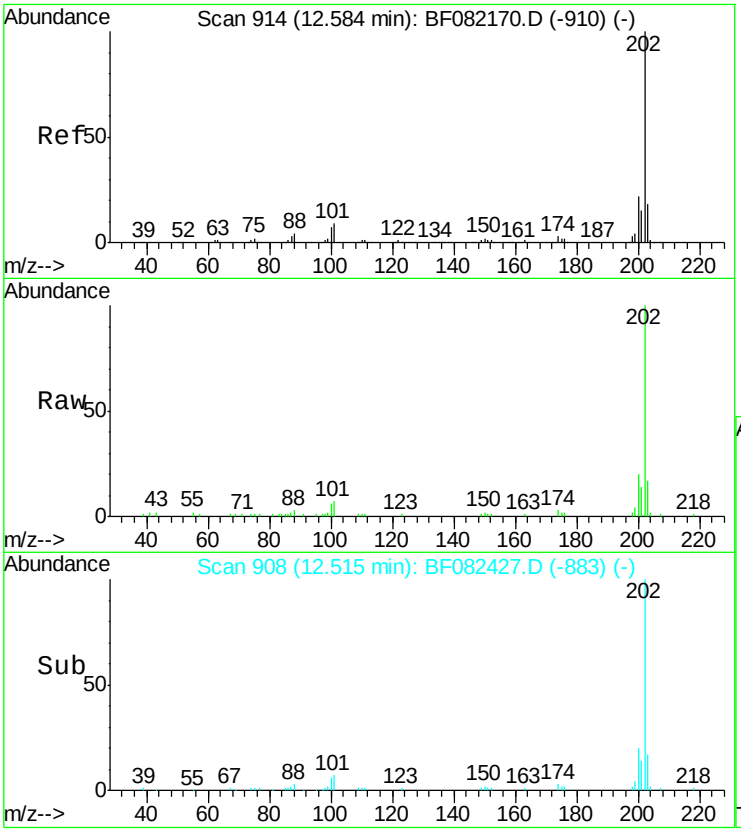


#70
Phenanthrene
Concen: 2.73 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:178 Resp: 36051

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.0	24.0
179	17.3	12.6	19.0



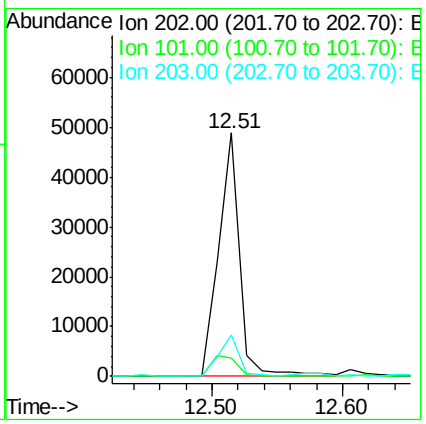


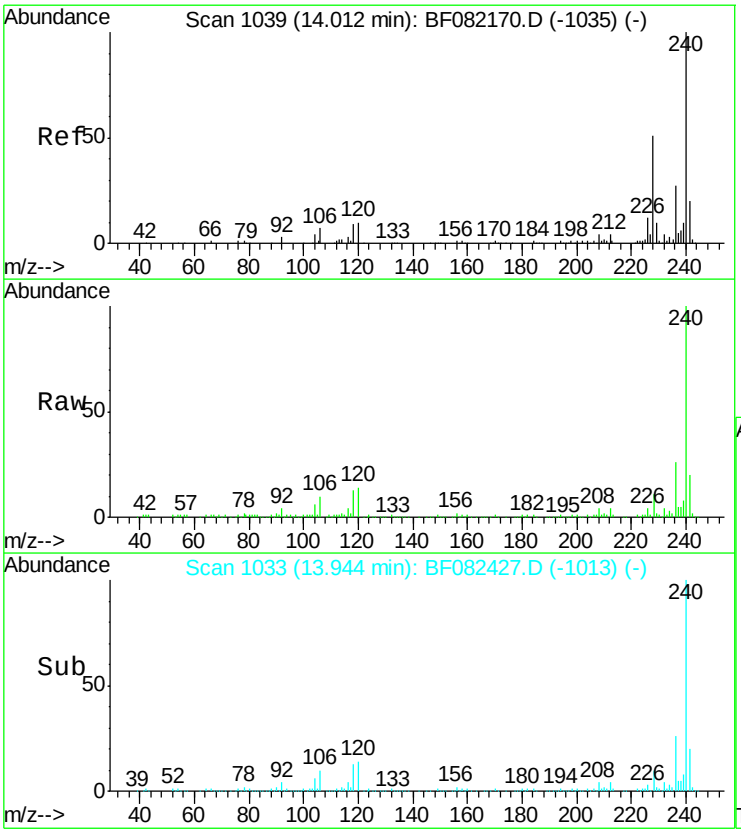
#74
Fluoranthene
Concen: 3.90 ng
RT: 12.51 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:202 Resp: 55241

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.3
203	17.0	0.0	37.8

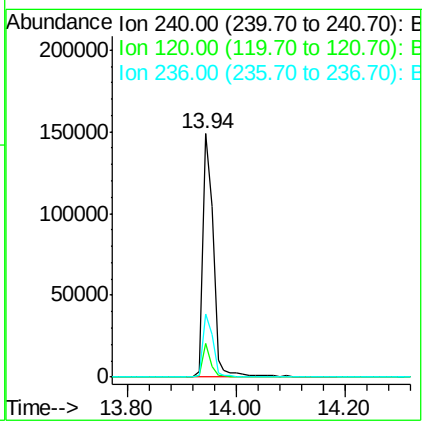


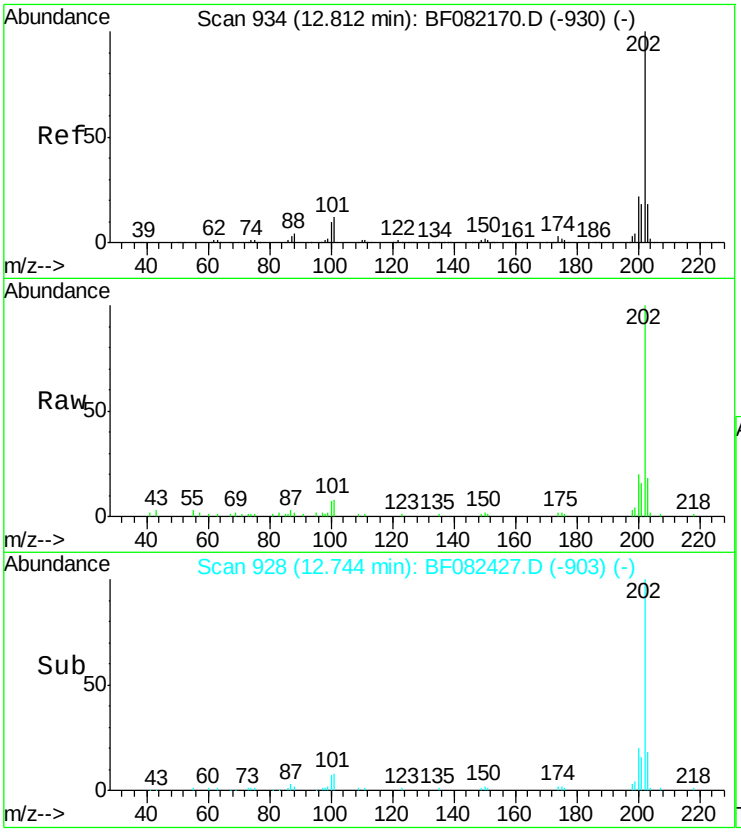


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:240 Resp: 197304

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.1	12.1#
236	25.7	21.3	31.9



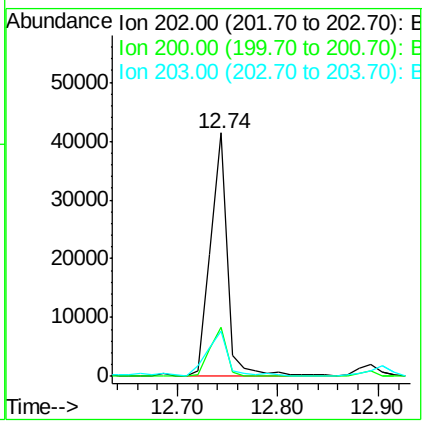


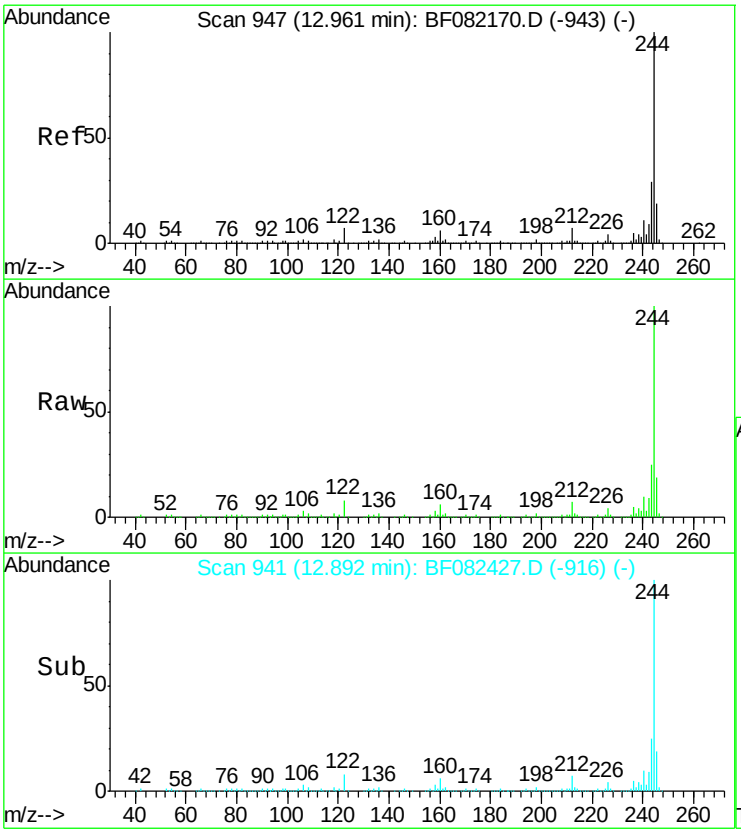
#77
Pyrene
Concen: 4.19 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:202 Resp: 49107

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.9	26.9
203	18.3	14.5	21.7

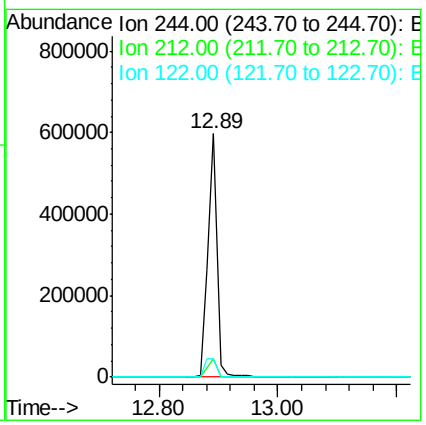


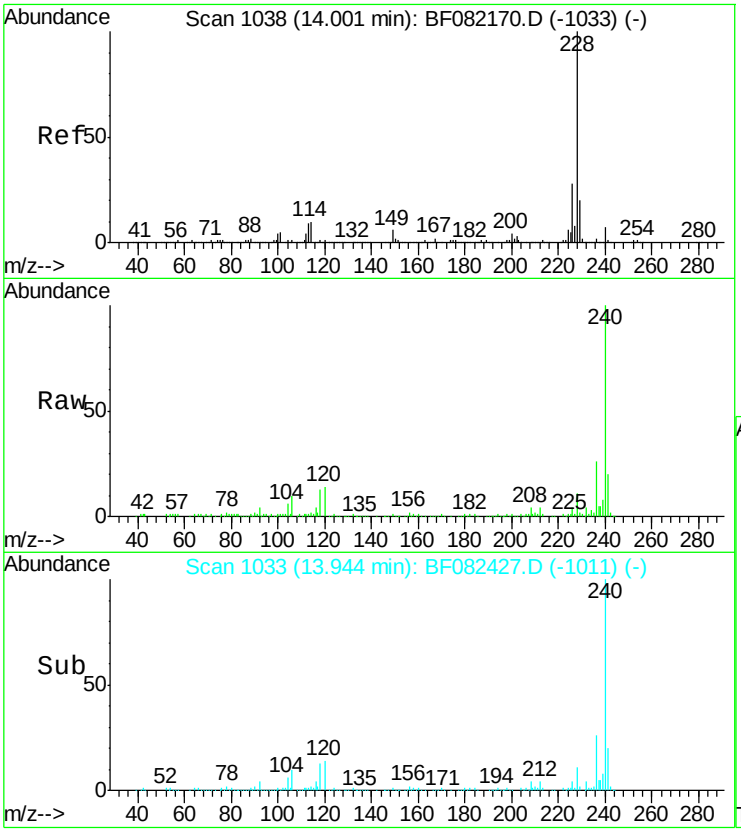


#78
Terphenyl-d14
Concen: 85.36 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:244 Resp: 635543

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	7.7	5.9	8.9



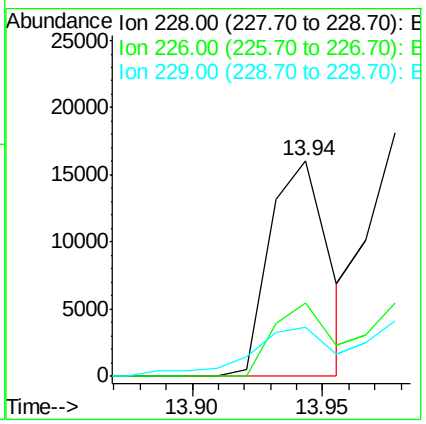


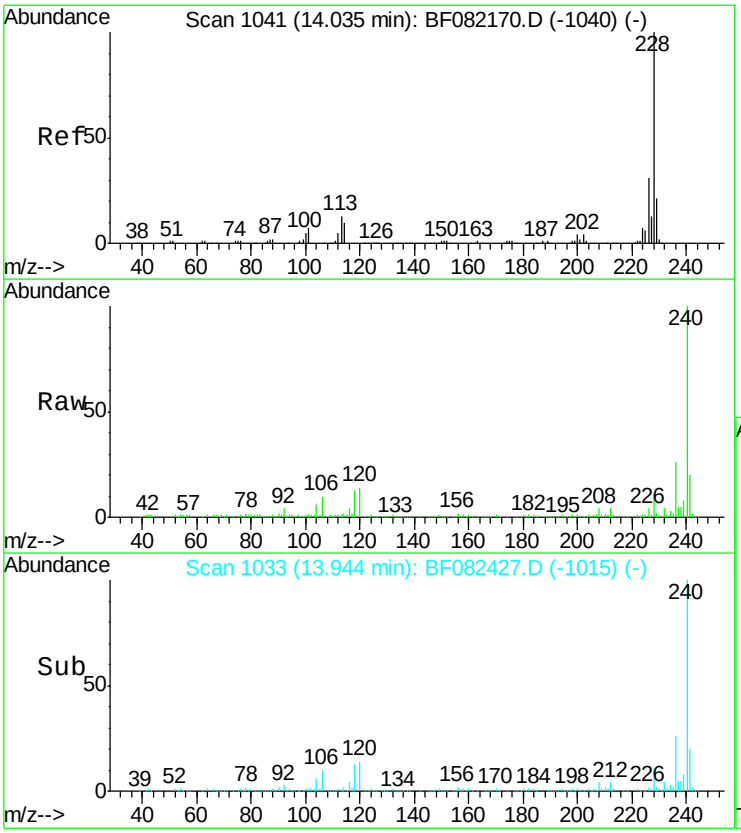
#80
Benzo(a)anthracene
Concen: 2.44 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:228 Resp: 25069

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.3	33.5#
229	23.0	16.2	24.2

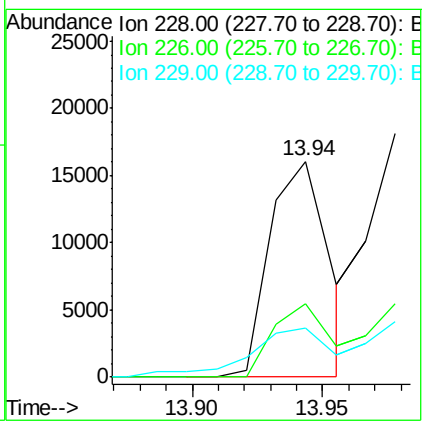


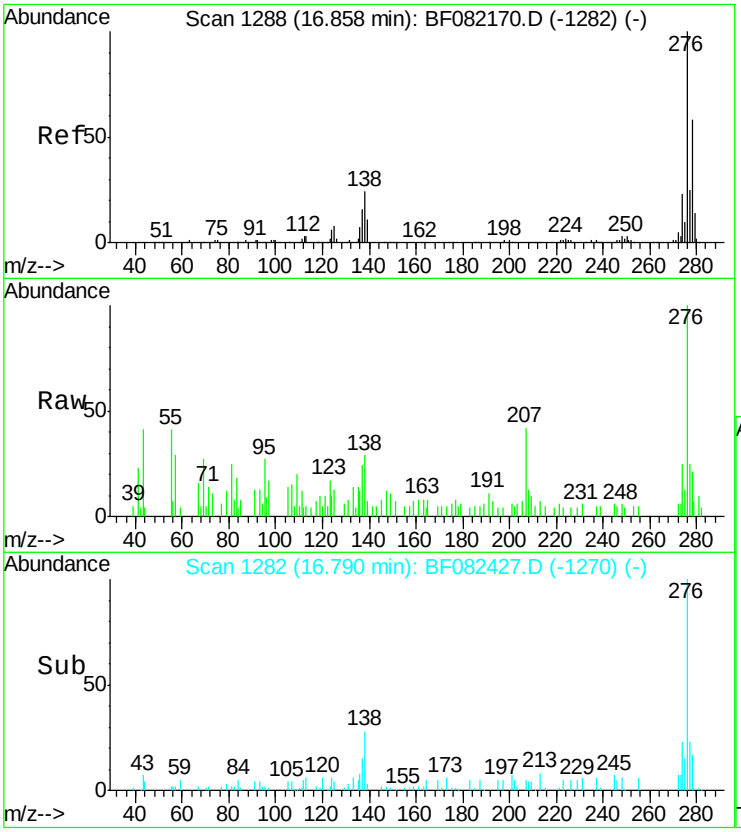


#82
Chrysene
Concen: 2.32 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:228 Resp: 25069

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.4	36.6
229	23.0	16.3	24.5



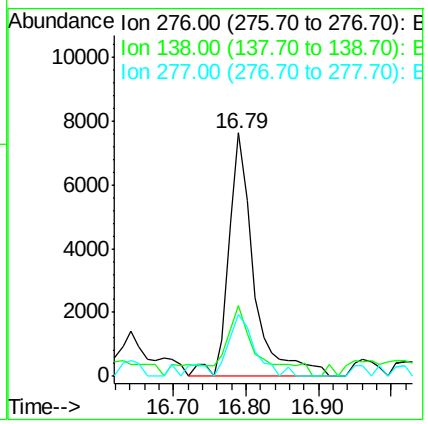


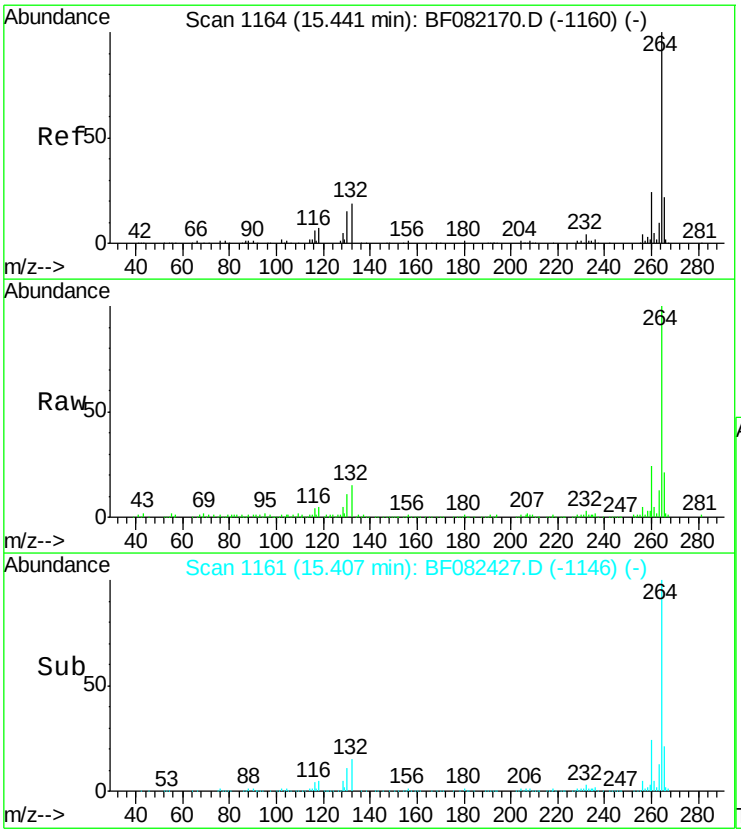
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.14 ng
RT: 16.79 min Scan# 1282
Delta R.T. -0.16 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:276 Resp: 18402

Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.7	29.5
277	26.2	20.1	30.1

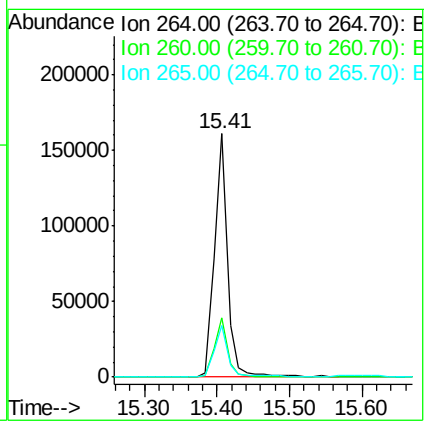


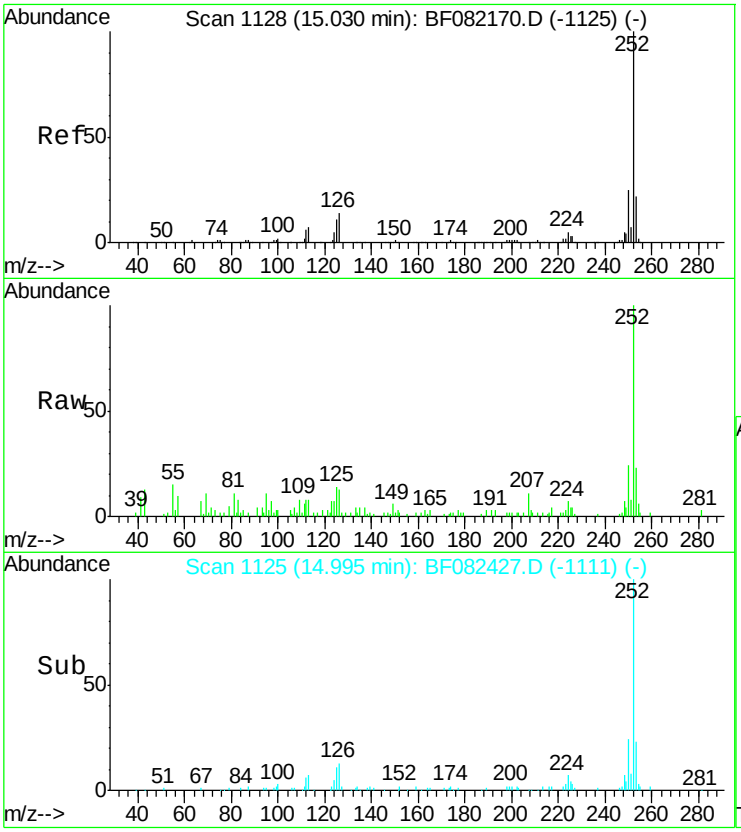


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.13 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:264 Resp: 203501

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.5	17.3	25.9



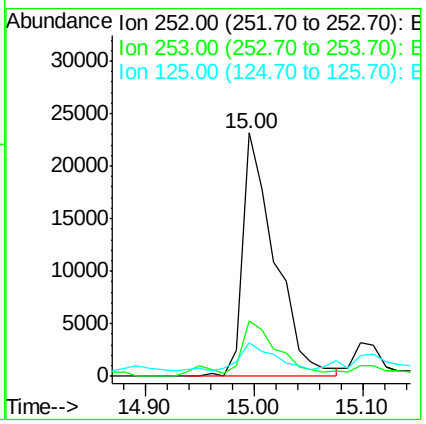


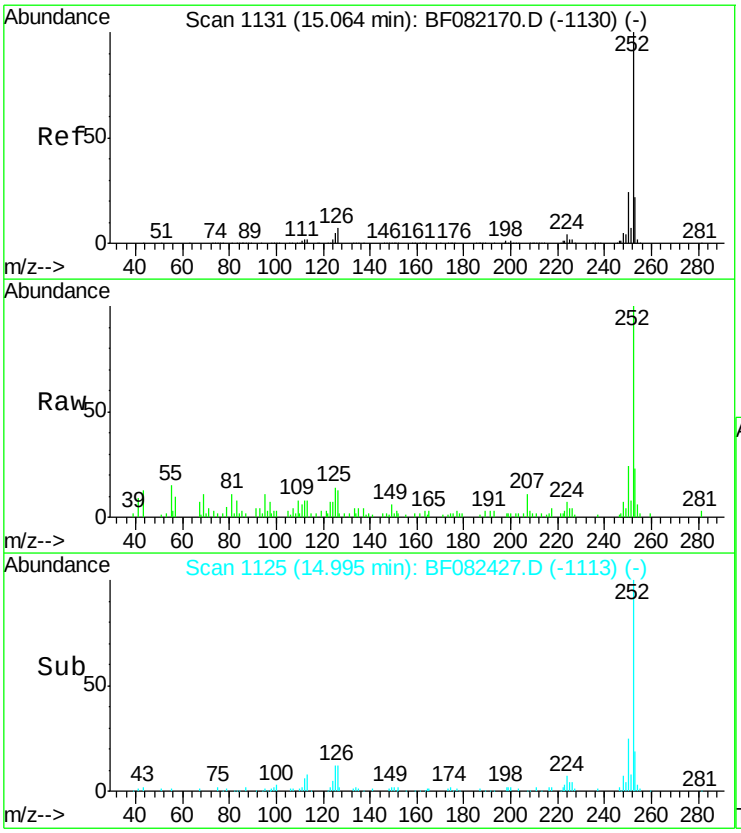
#87
Benzo(b)fluoranthene
Concen: 3.83 ng
RT: 15.00 min Scan# 1125
Delta R.T. -0.14 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:252 Resp: 47432

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.9	8.6	12.8#

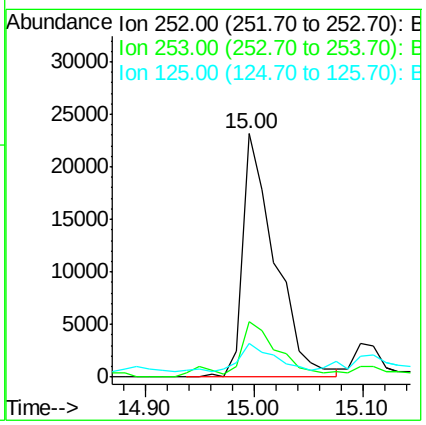


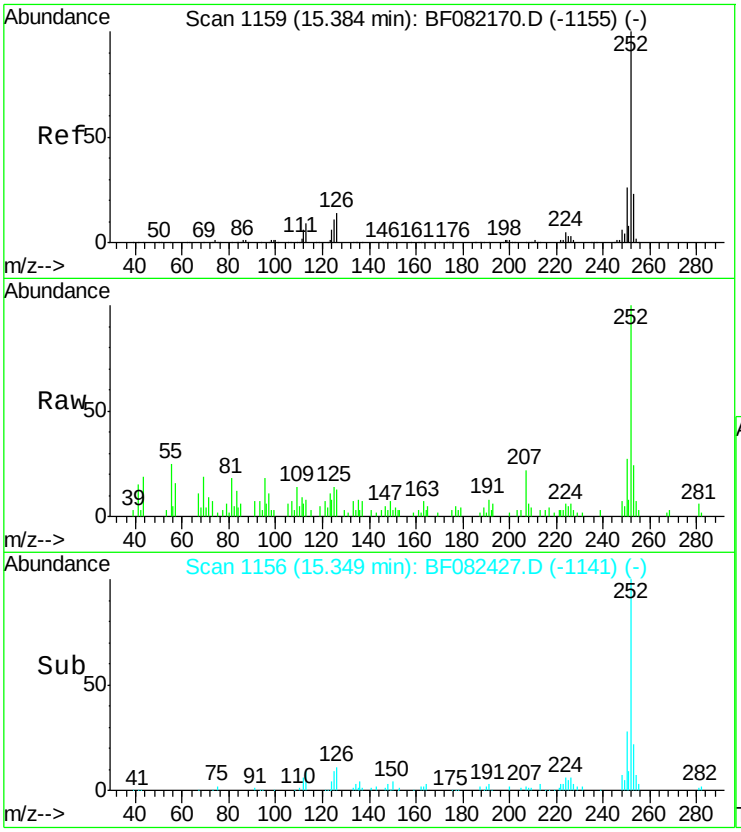


#88
Benzo(k)fluoranthene
Concen: 4.56 ng
RT: 15.00 min Scan# 1125
Delta R.T. -0.16 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:252 Resp: 47432

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.9	6.7	10.1#



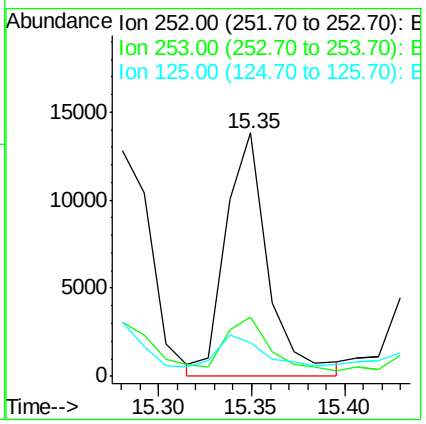


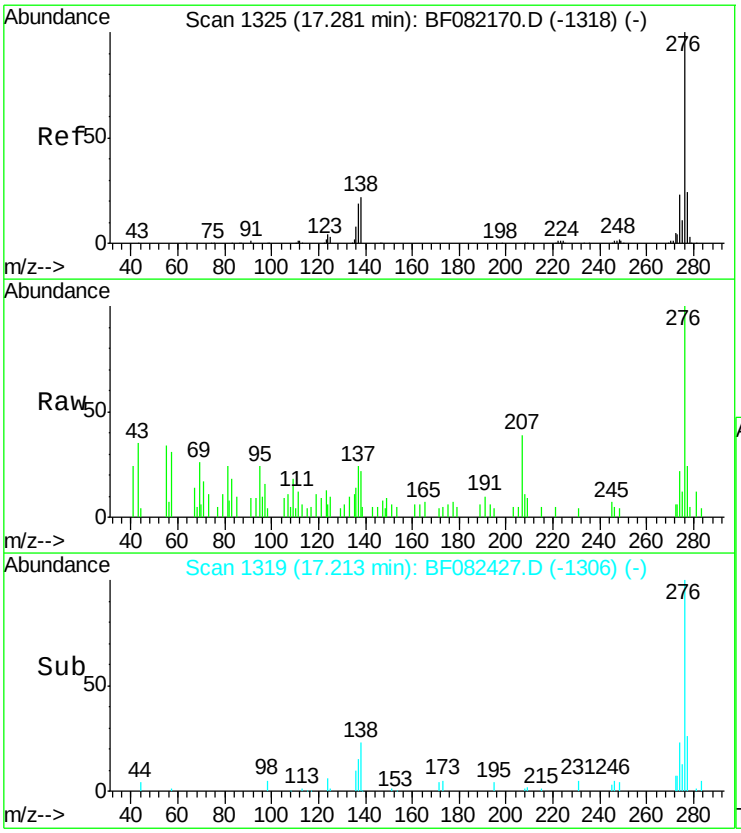
#89
Benzo(a)pyrene
Concen: 2.06 ng
RT: 15.35 min Scan# 1156
Delta R.T. -0.13 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

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

Tgt Ion:252 Resp: 21940

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	13.9	8.9	13.3#





#91
Benzo(g,h,i)perylene
Concen: 2.21 ng
RT: 17.21 min Scan# 1319
Delta R.T. -0.15 min
Lab File: BF082427.D
Acq: 22 Oct 2015 3:10

Tgt Ion:276 Resp: 18680

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.8	17.4	26.2