Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
Data File : BF083020.D
Acq On : 18 Nov 2015 20:58
Operator : UM/IZ
Sample : G1153-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 01:51:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	233298	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	916850	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	453209	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	728854	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	497238	20.00	ng		-0.02
86) Perylene-d12	15.27	264	425326	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1404322	93.66	ng		0.01
7) Phenol-d6	6.38	99	2311668	115.97	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1767025	83.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	479536	92.28	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	2310529	73.07	ng		-0.01
78) Terphenyl-d14	12.83	244	1742649	83.12	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	44371	4.03	ng		83
19) n-Nitroso-di-n-propylamine	7.30	70	241091	16.45	ng	#	68
49) Dimethylphthalate	9.49	163	640526	17.25	ng		98
56) 2,4-Dinitrotoluene	9.77	165	58428	5.44	ng	#	16
66) 4-Bromophenyl-phenylether	10.56	248	34785	3.96	ng	#	1
70) Phenanthrene	11.26	178	257341	6.08	ng		96
74) Fluoranthene	12.45	202	474800	10.45	ng		97
77) Pyrene	12.67	202	427412	12.52	ng		95
80) Benzo(a)anthracene	13.86	228	224127	7.21	ng		100
82) Chrysene	13.86	228	222857	7.83	ng		97
85) Indeno(1,2,3-cd)pyrene	16.57	276	62227	2.54	ng		97
87) Benzo(b)fluoranthene	14.88	252	246066	9.01	ng	#	94
88) Benzo(k)fluoranthene	14.88	252	246066	10.16	ng	#	95
89) Benzo(a)pyrene	15.21	252	132400	5.60	ng	#	95
91) Benzo(g,h,i)perylene	16.96	276	57658	3.01	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
Data File : BF083020.D
Acq On : 18 Nov 2015 20:58
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Sample : G1153-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 19 01:51:38 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
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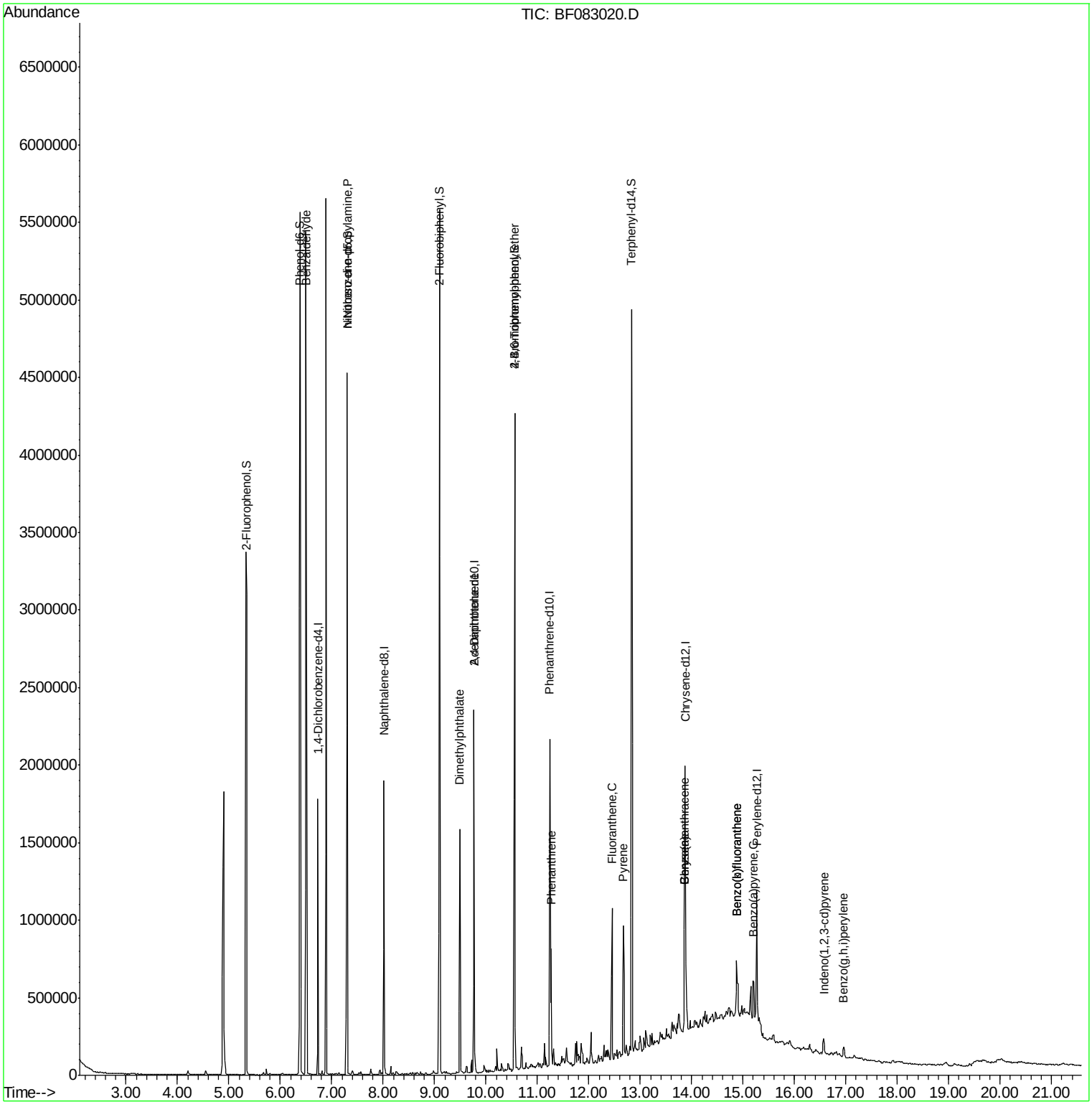
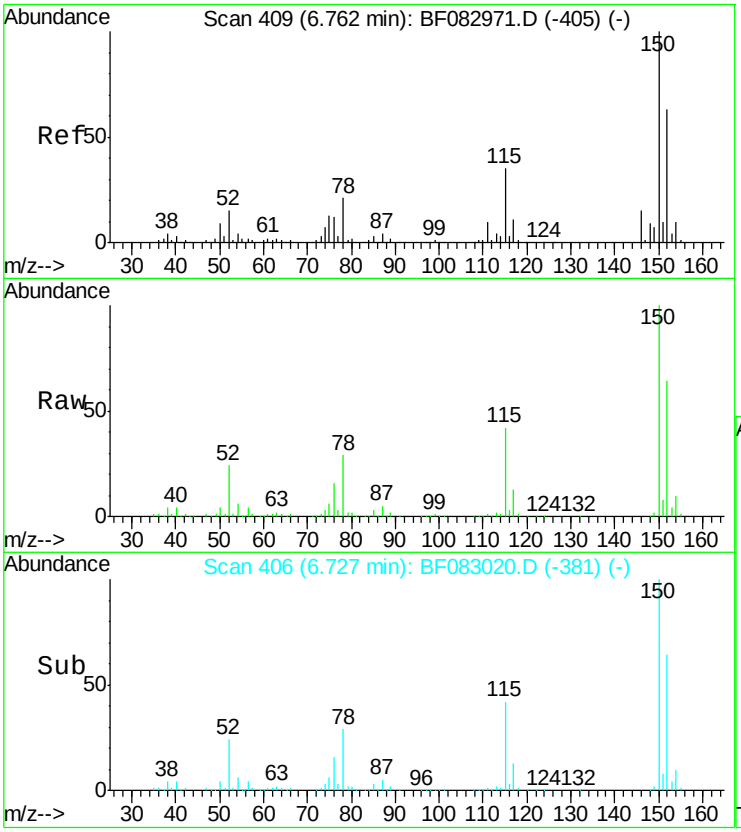


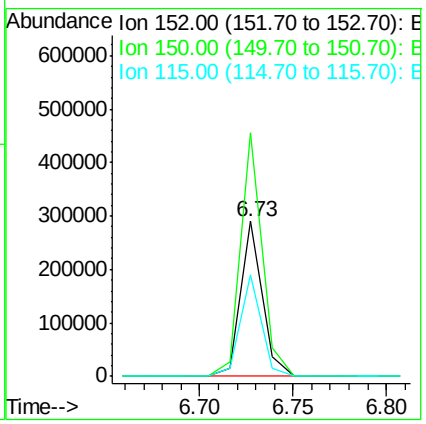


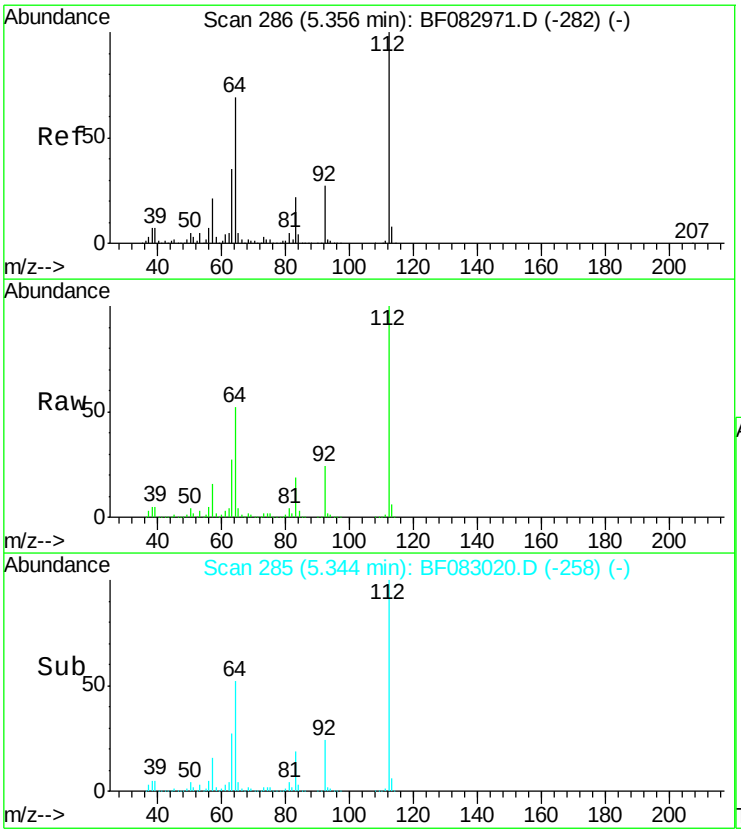
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 233298

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.0	190.4
115	66.0	47.0	70.6

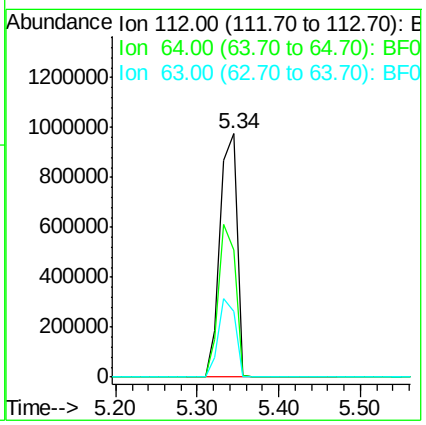


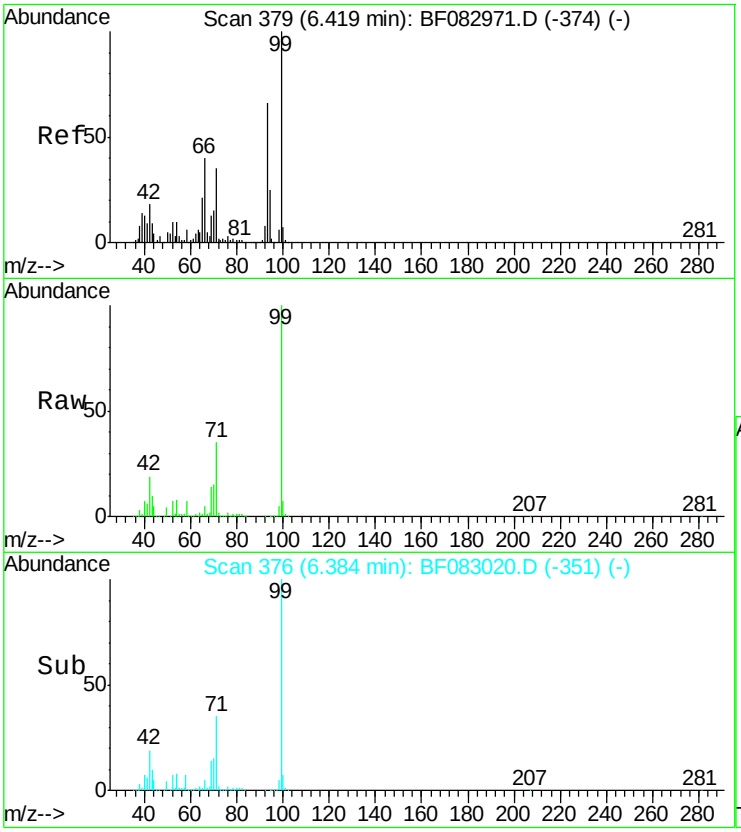


#5
2-Fluorophenol
Concen: 93.66 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:112 Resp: 1404322

Ion	Ratio	Lower	Upper
112	100		
64	52.3	48.9	73.3
63	26.8	28.1	42.1#



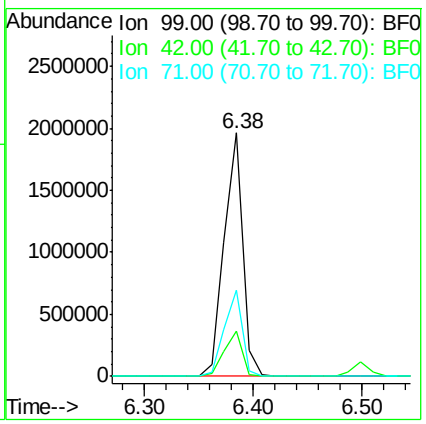


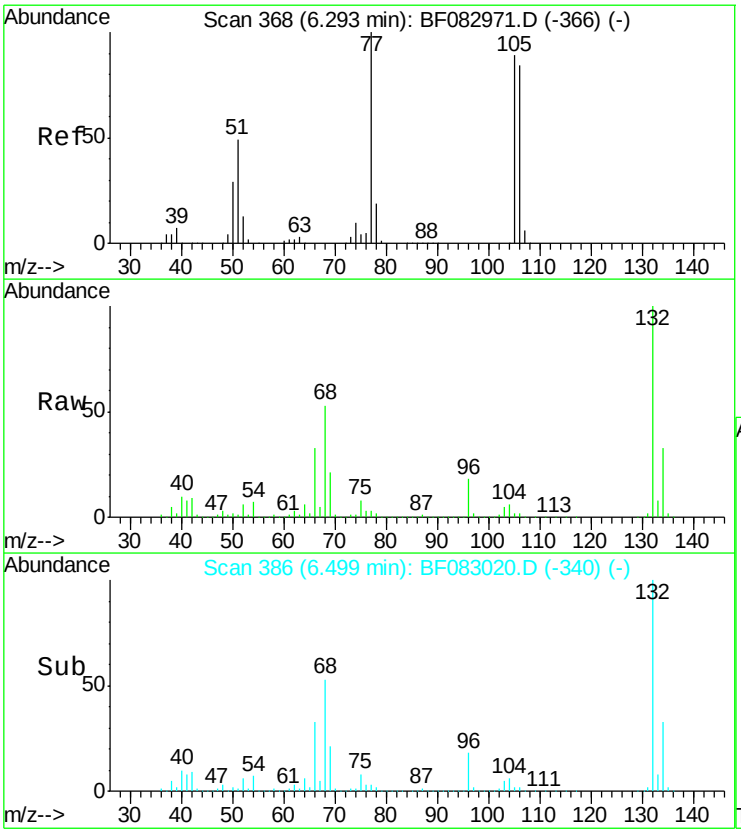
#7
Phenol-d6
Concen: 115.97 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2311668

Ion	Ratio	Lower	Upper
99	100		
42	18.7	19.2	28.8#
71	35.5	35.0	52.4

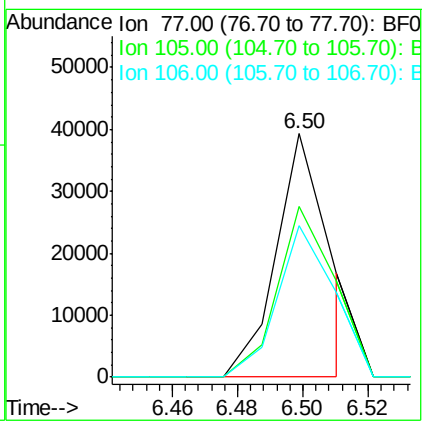


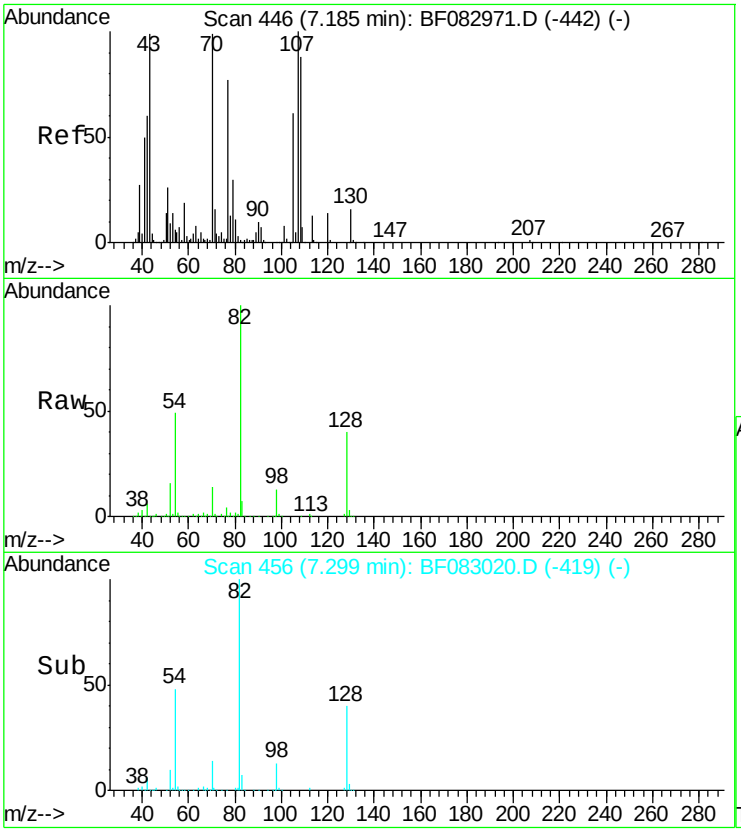


#9
Benzaldehyde
Concen: 4.03 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.23 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion: 77 Resp: 44371

Ion	Ratio	Lower	Upper
77	100		
105	69.8	63.5	103.5
106	62.4	59.3	99.3



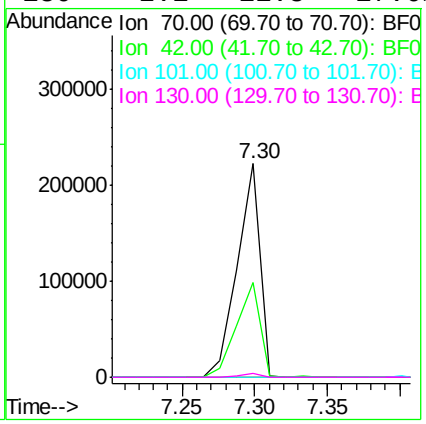


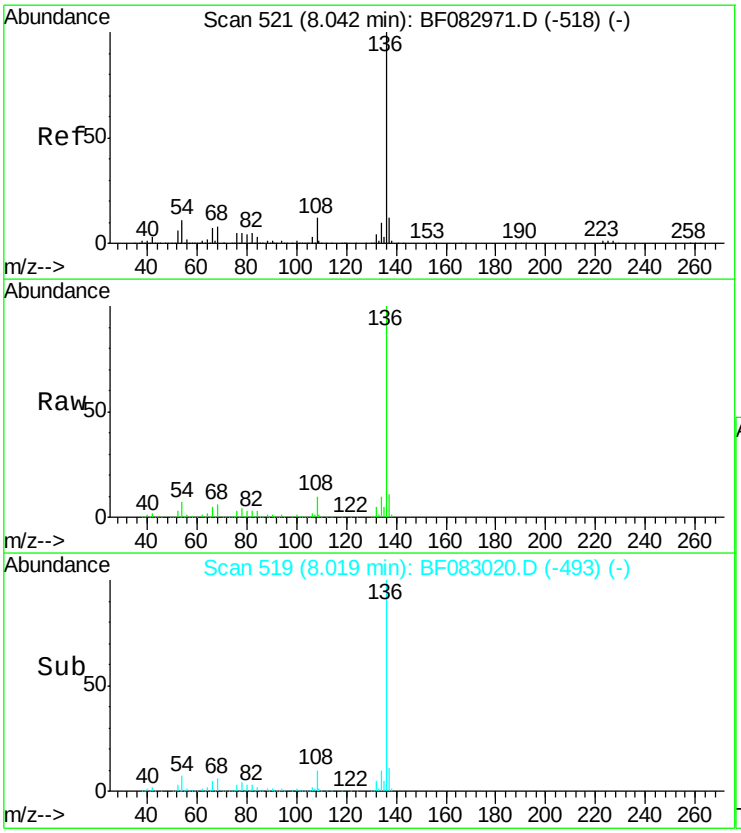
#19
n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 241091

Ion	Ratio	Lower	Upper
70	100		
42	44.1	57.7	86.5#
101	0.0	7.0	10.6#
130	2.1	11.8	17.6#

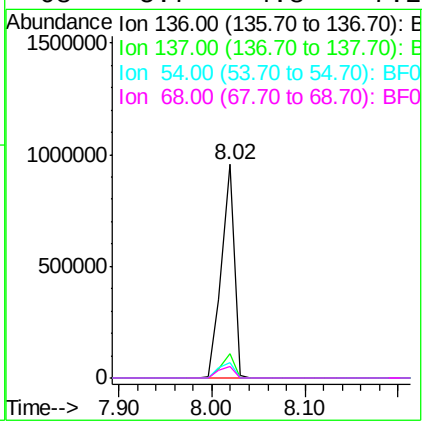


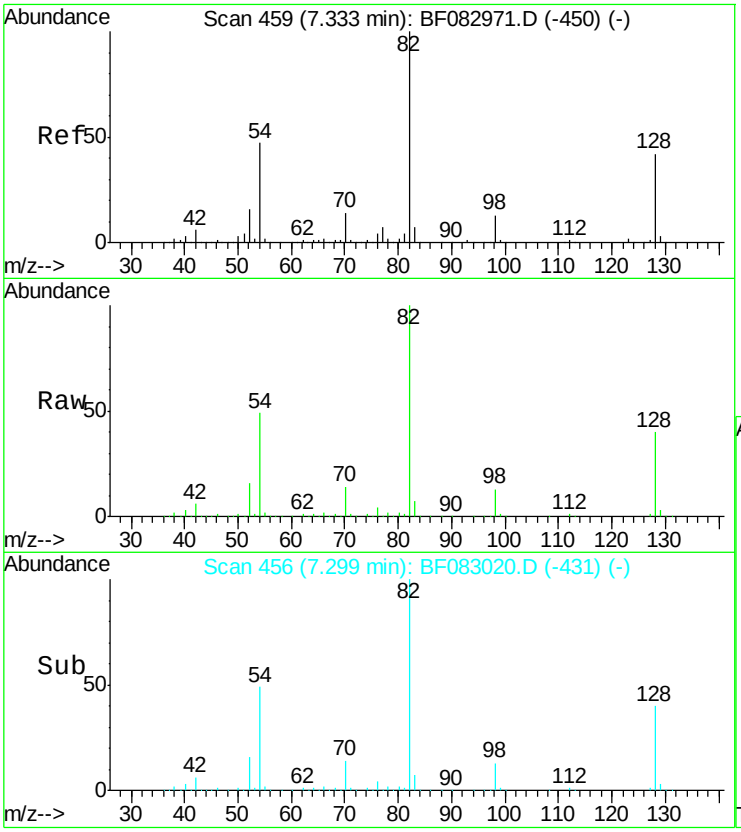


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:136 Resp: 916850

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.2	9.1	13.7#
68	5.7	4.8	7.2



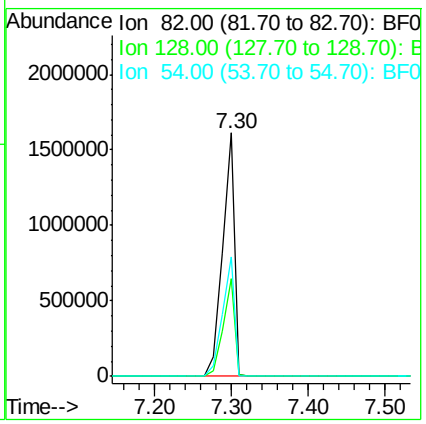


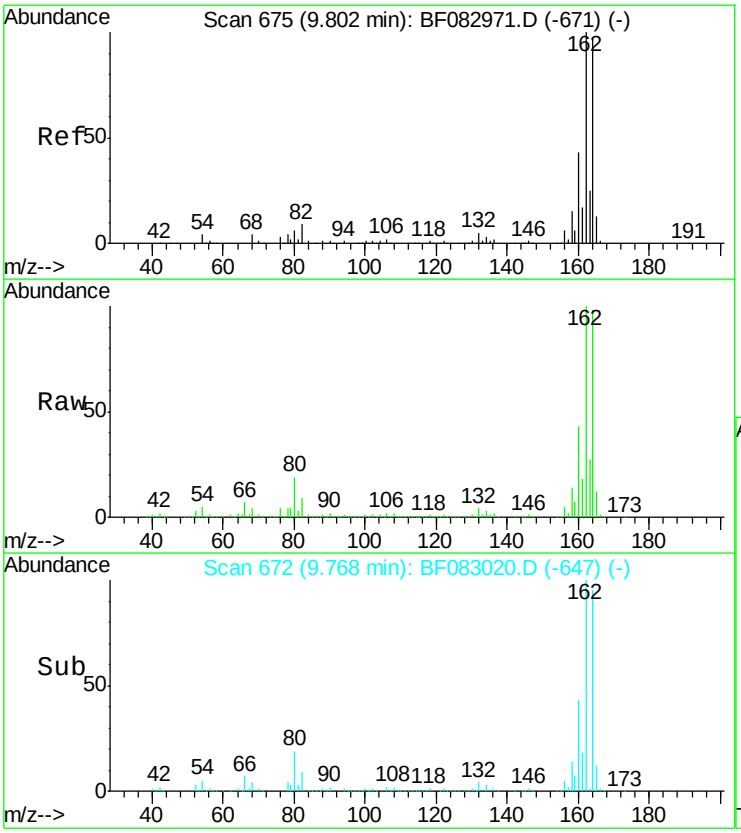
#23
Nitrobenzene-d5
Concen: 83.86 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1767025

Ion	Ratio	Lower	Upper
82	100		
128	40.1	26.8	40.2
54	49.2	45.7	68.5

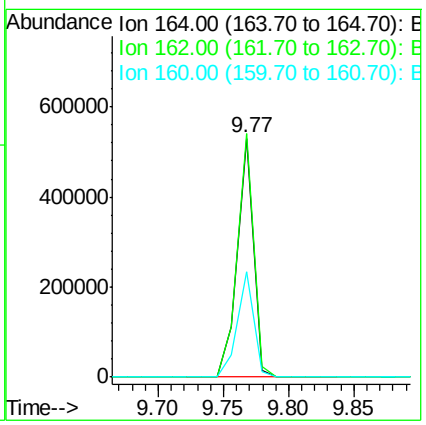


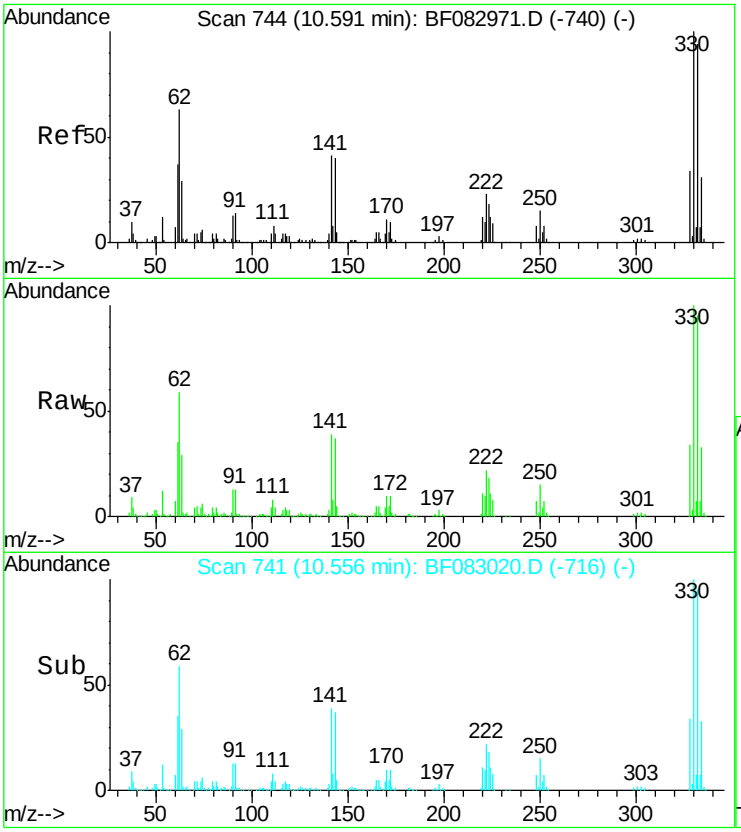


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:164 Resp: 453209

Ion	Ratio	Lower	Upper
164	100		
162	102.0	84.9	127.3
160	44.0	37.5	56.3



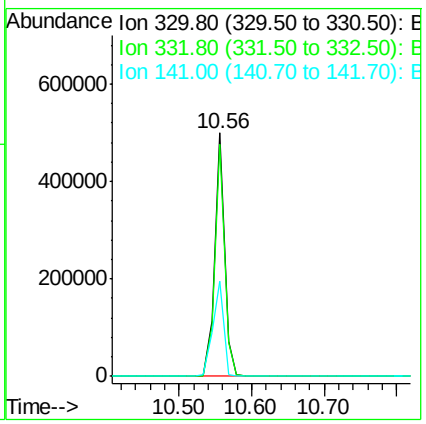


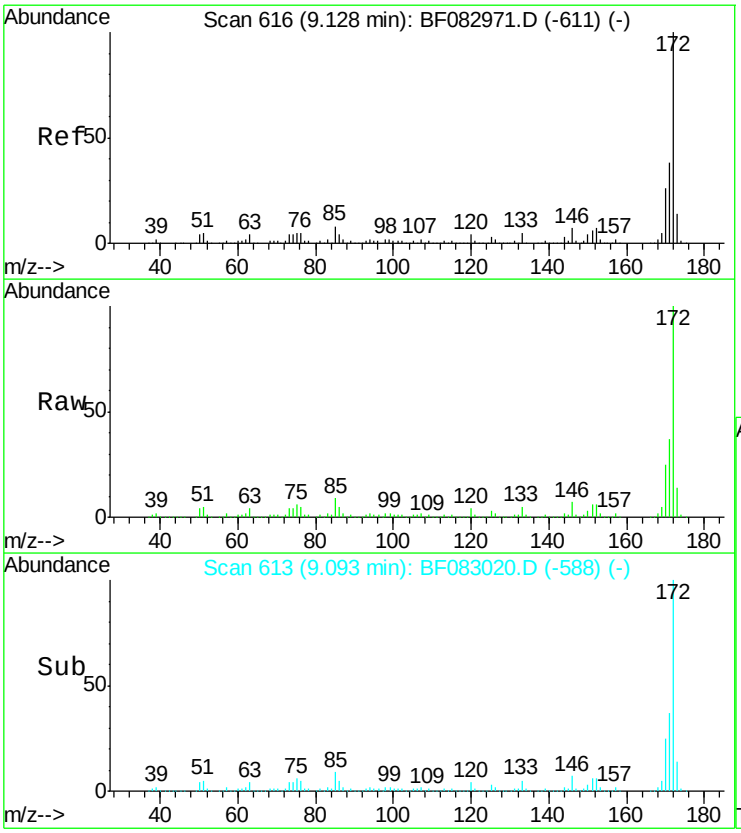
#41
2,4,6-Tribromophenol
Concen: 92.28 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 479536

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	114.8
141	42.5	41.2	61.8

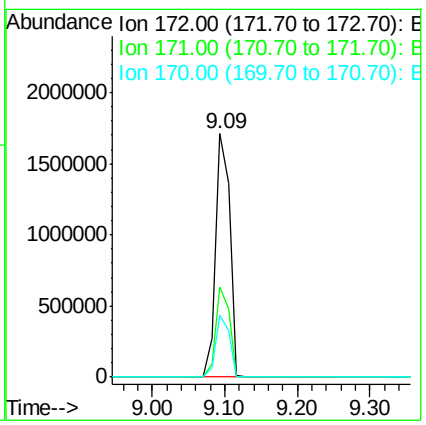


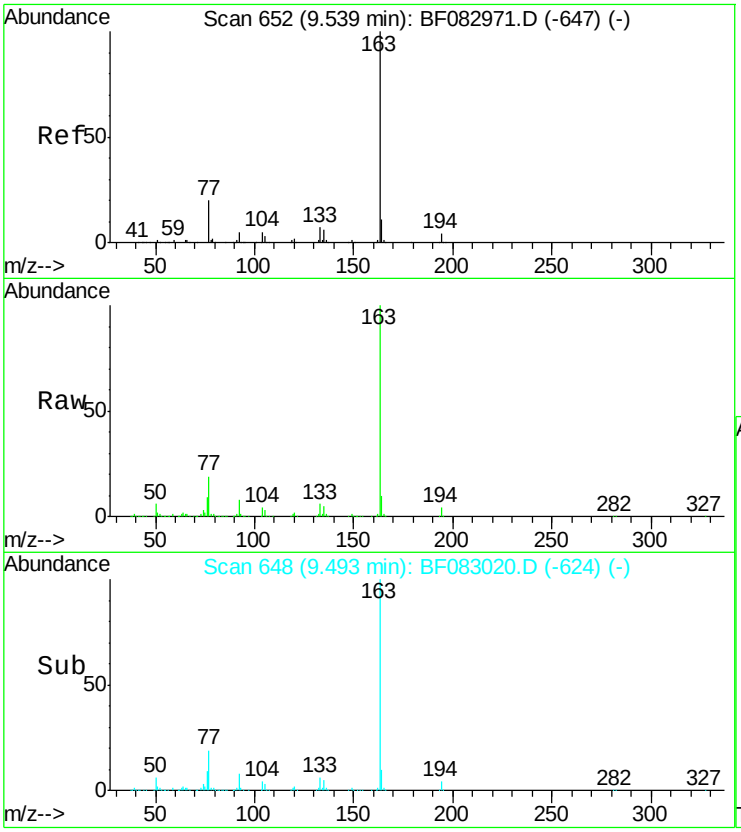


#44
2-Fluorobiphenyl
Concen: 73.07 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:172 Resp: 2310529

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	25.3	21.2	31.8



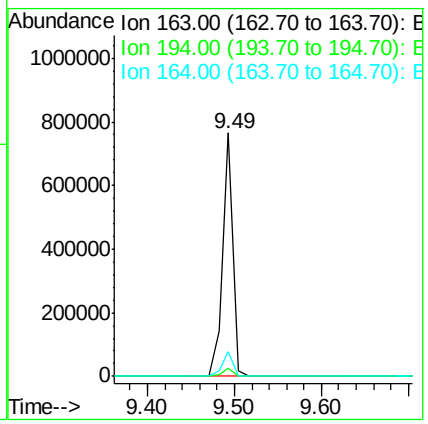


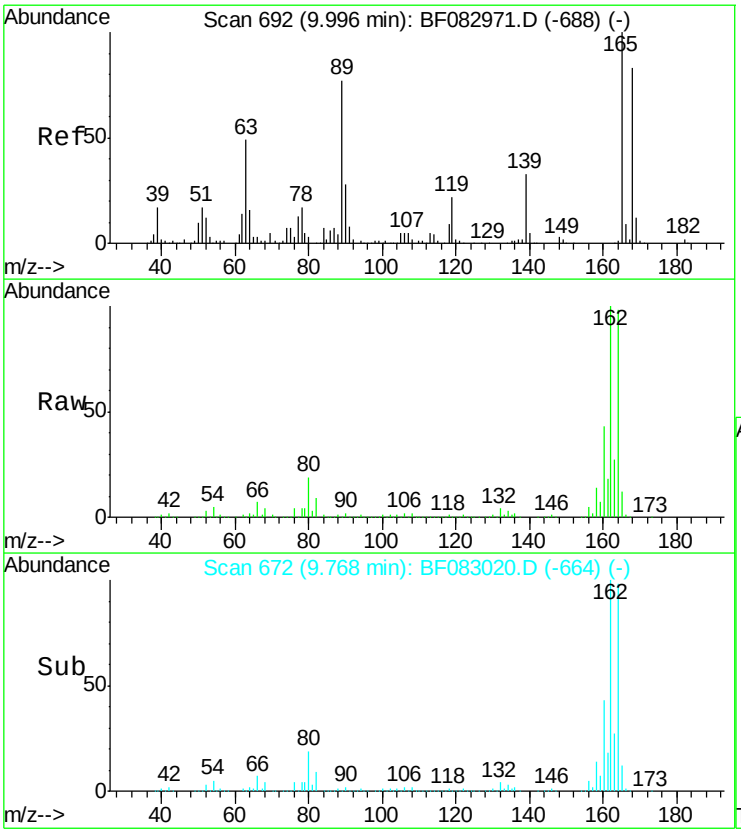
#49
Dimethylphthalate
Concen: 17.25 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 640526

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.7	13.1

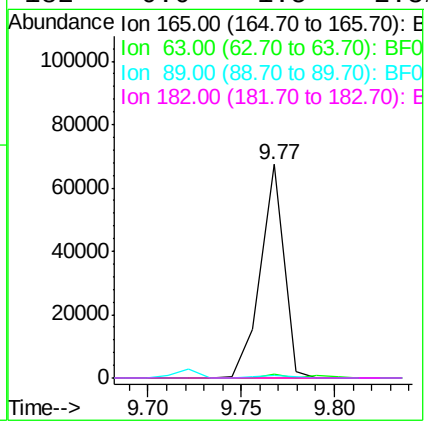


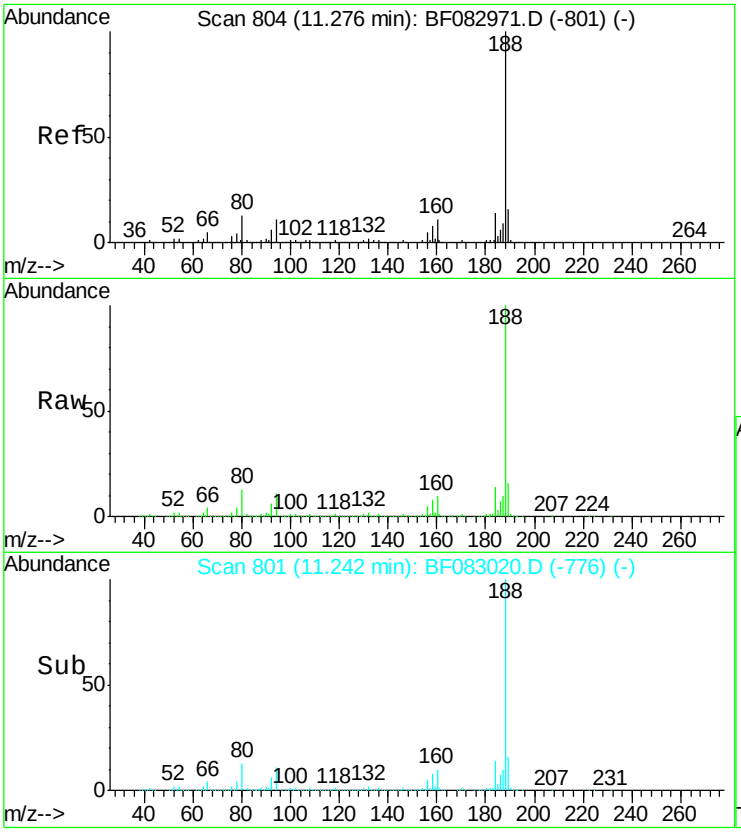


#56
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:165 Resp: 58428

Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#



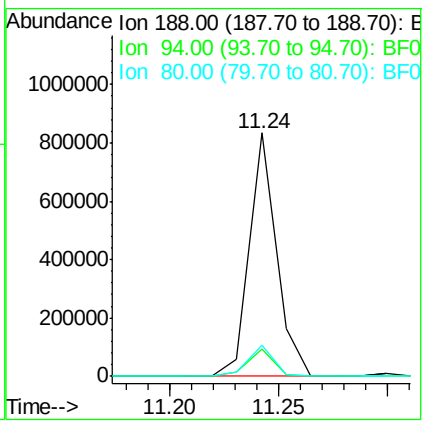


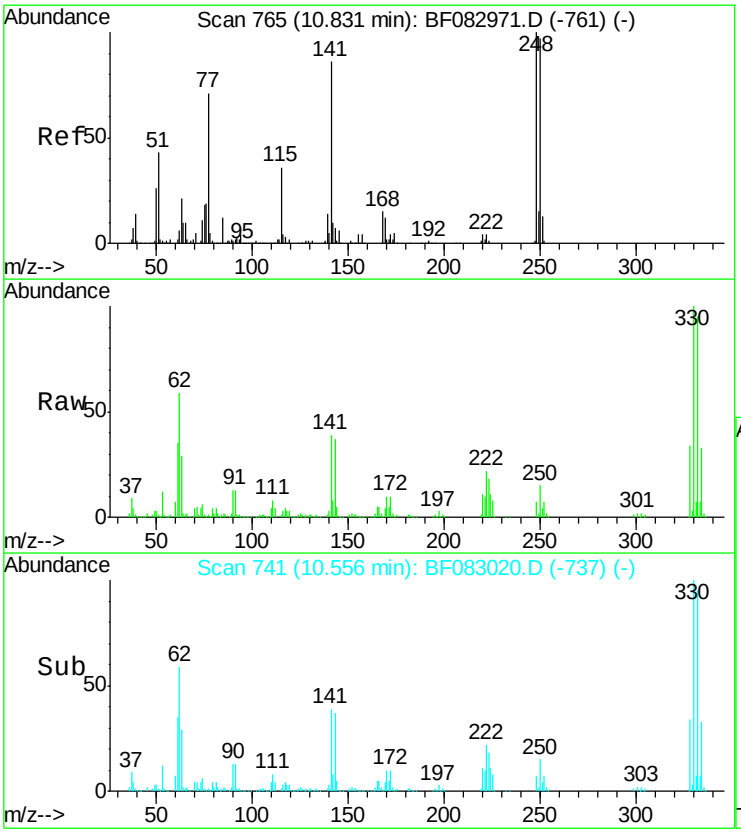
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 728854

Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.1	9.1#
80	12.5	7.0	10.6#

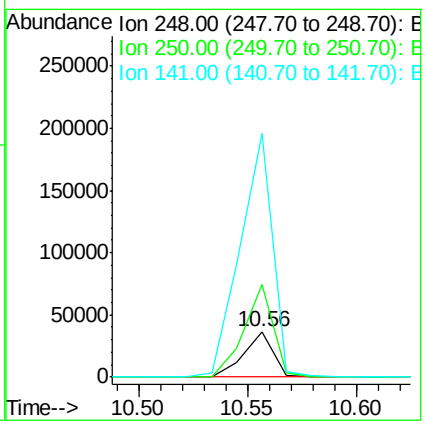


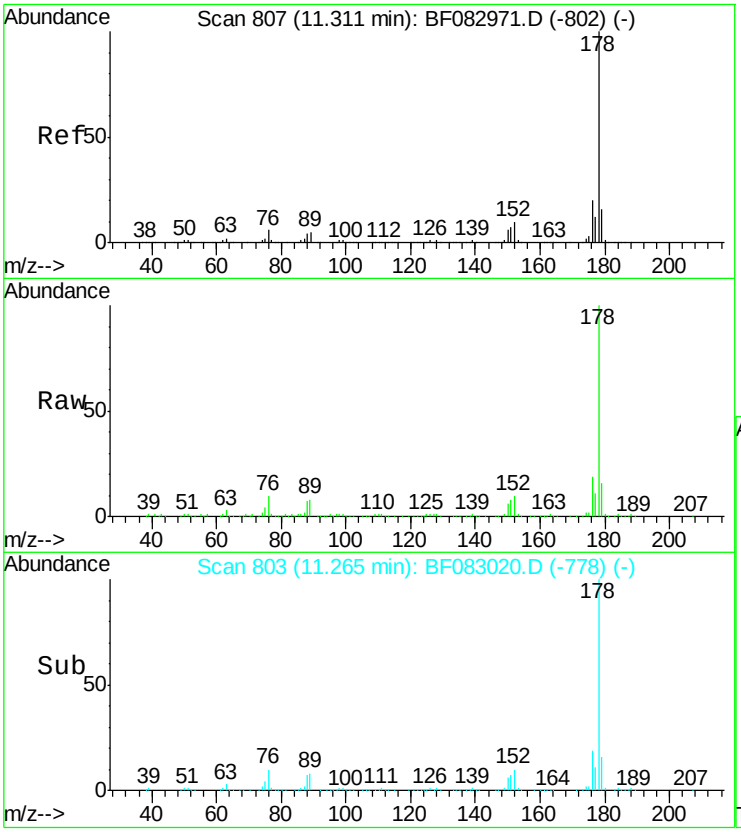


#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:248 Resp: 34785

Ion	Ratio	Lower	Upper
248	100		
250	202.7	79.4	119.2#
141	534.0	36.3	54.5#



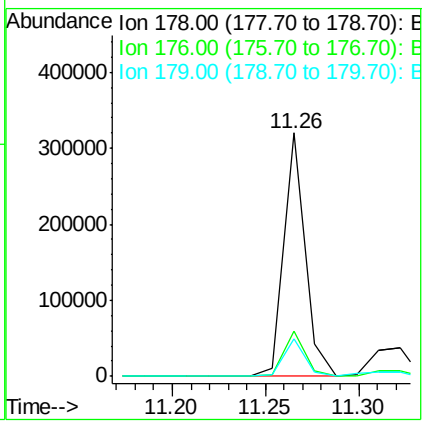


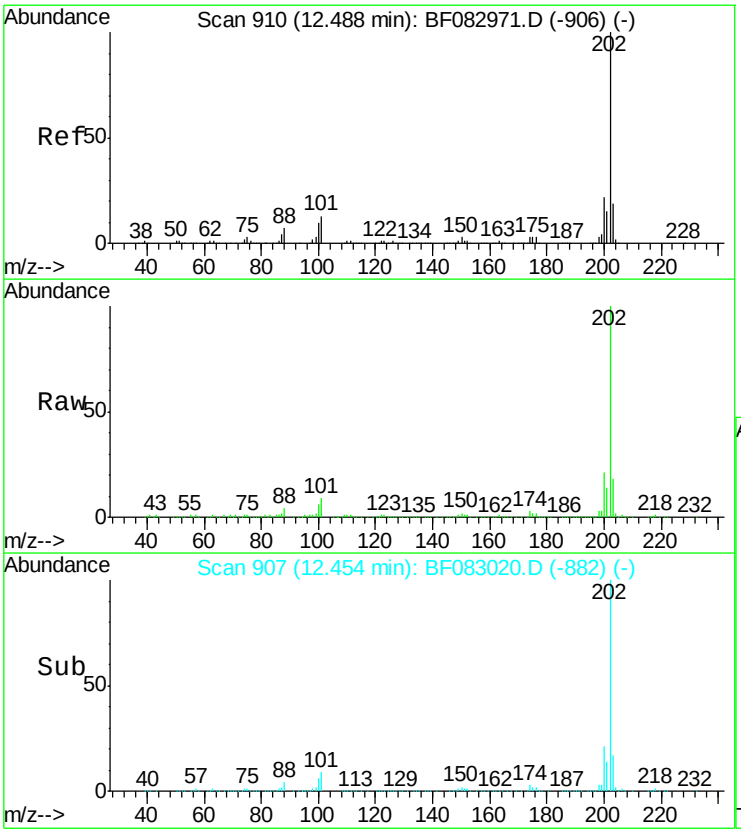
#70
Phenanthrene
Concen: 6.08 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 257341

Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.0	25.4
179	15.6	13.4	20.0

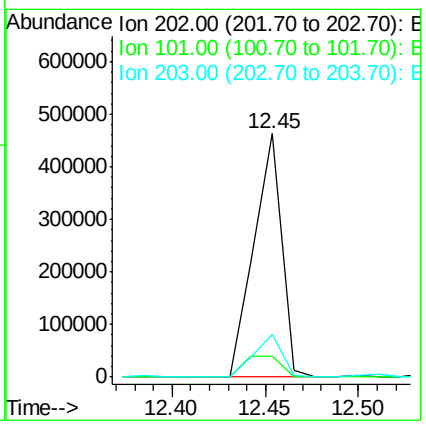


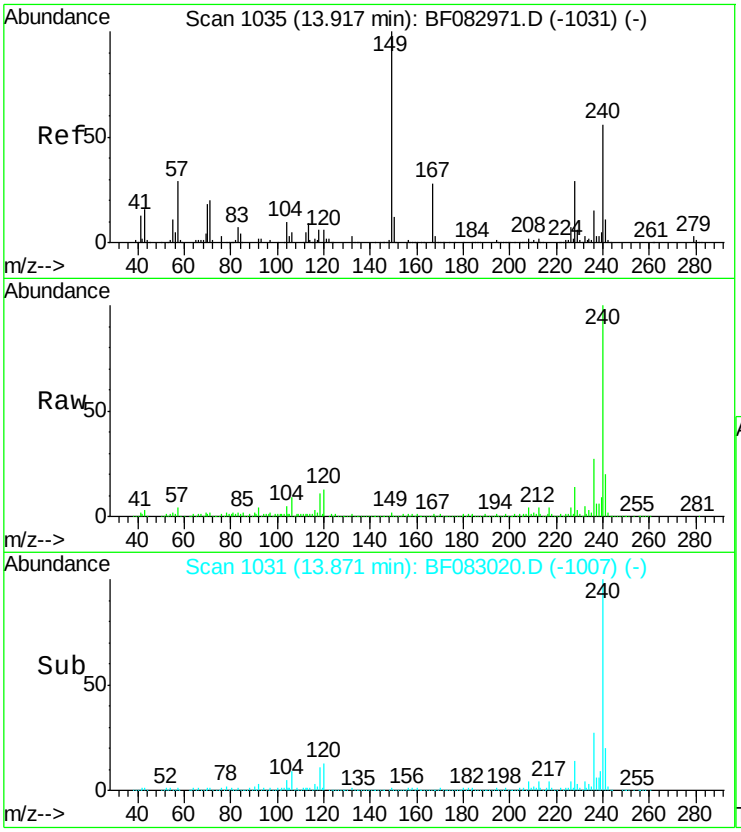


#74
Fluoranthene
Concen: 10.45 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:202 Resp: 474800

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.5
203	17.5	0.0	38.5



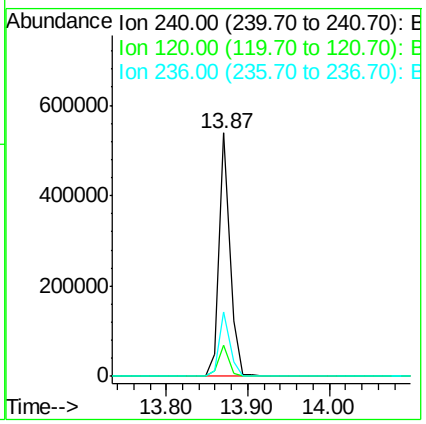


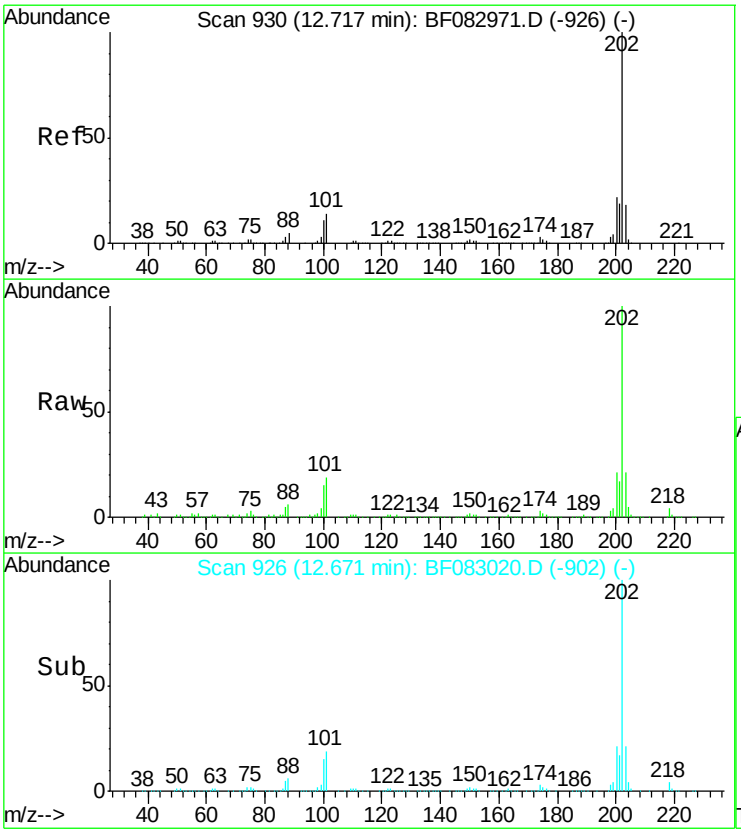
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 497238

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.9	16.3
236	26.6	21.6	32.4

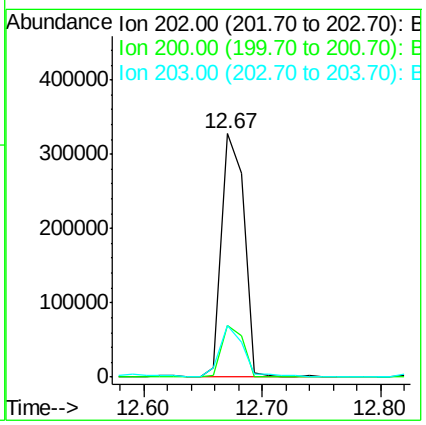


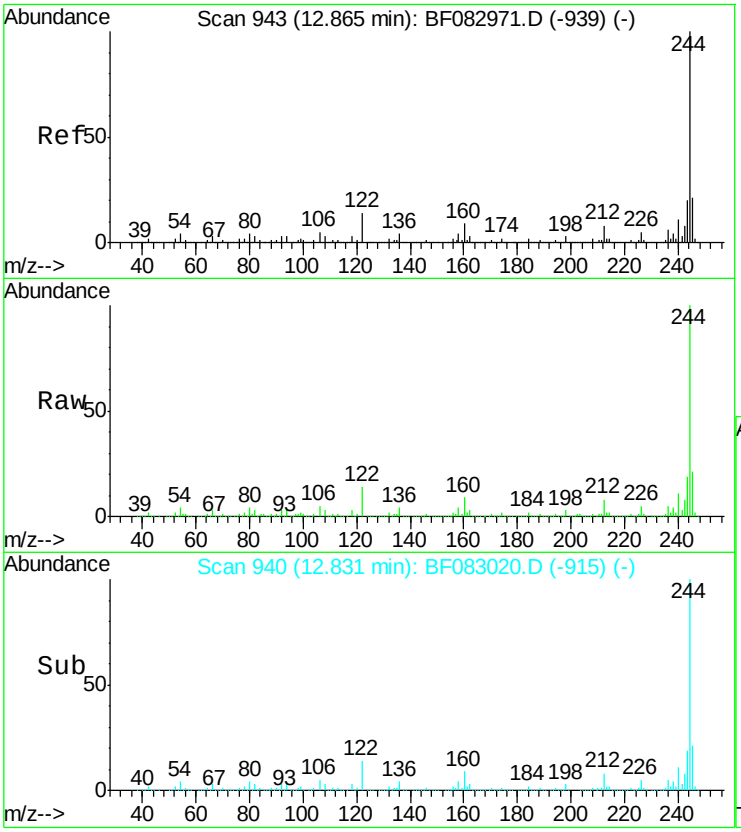


#77
Pyrene
Concen: 12.52 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:202 Resp: 427412

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.7	28.1
203	21.2	14.8	22.2



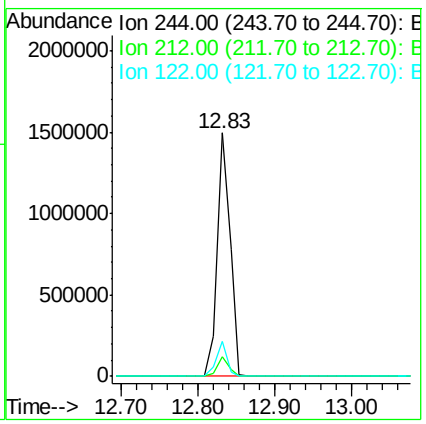


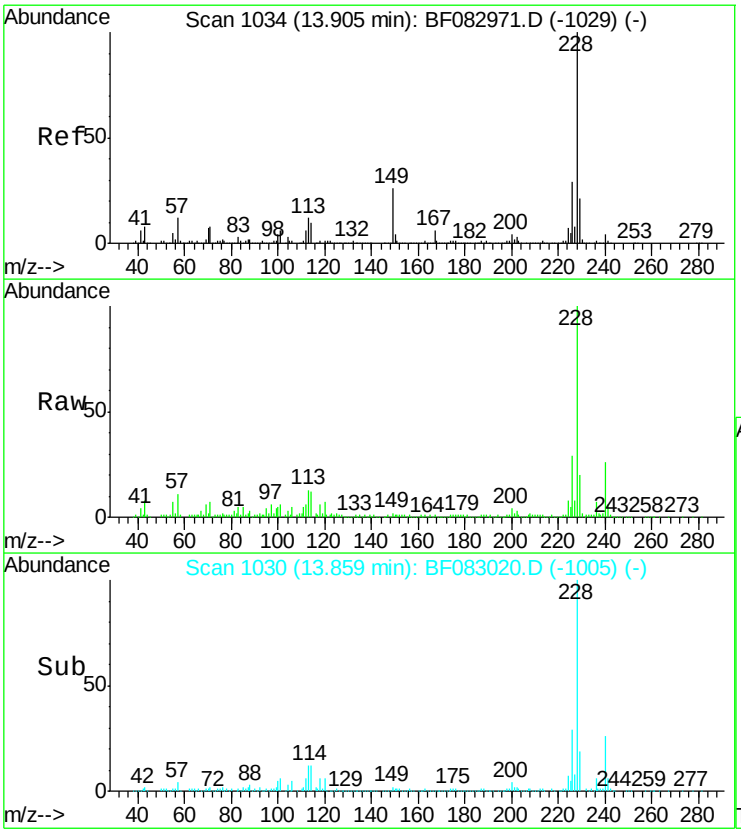
#78
Terphenyl-d14
Concen: 83.12 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1742649

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.6	11.4
122	14.2	11.3	16.9

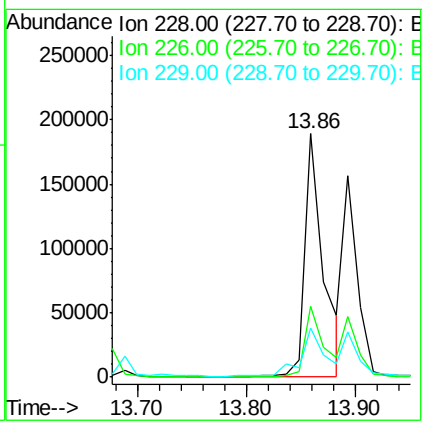


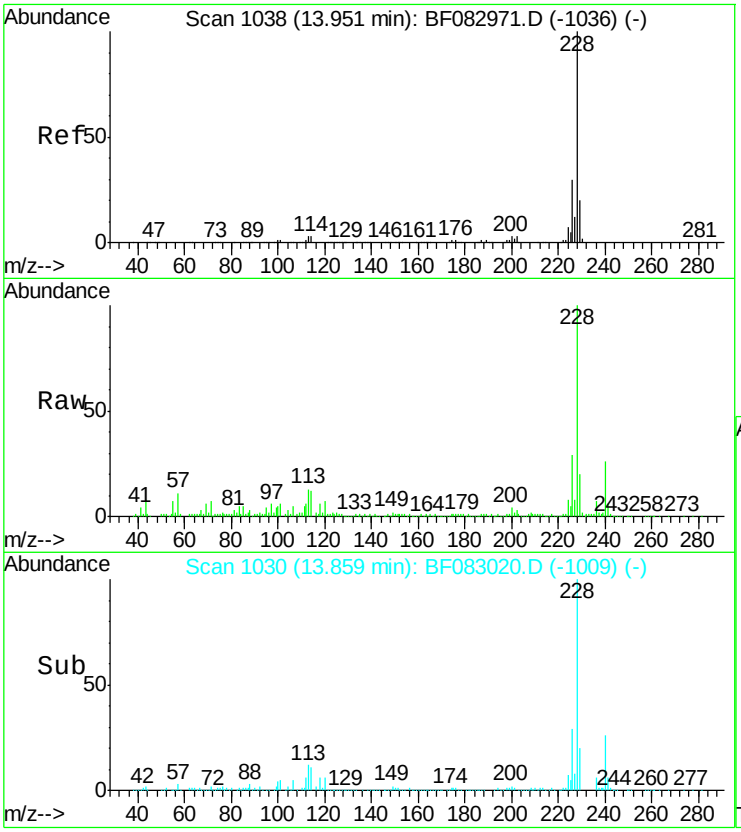


#80
Benzo(a)anthracene
Concen: 7.21 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:228 Resp: 224127

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	20.1	16.3	24.5



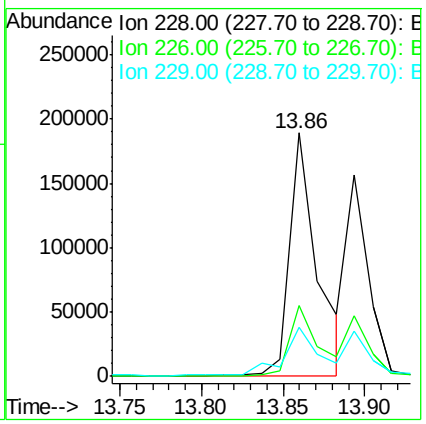


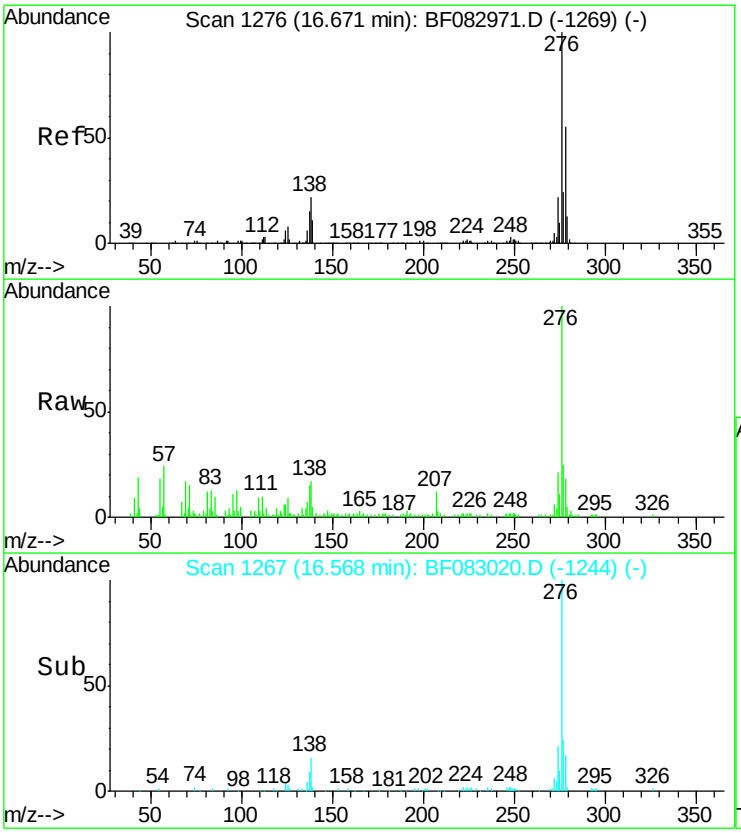
#82
Chrysene
Concen: 7.83 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 222857

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.5	38.3
229	20.1	16.3	24.5

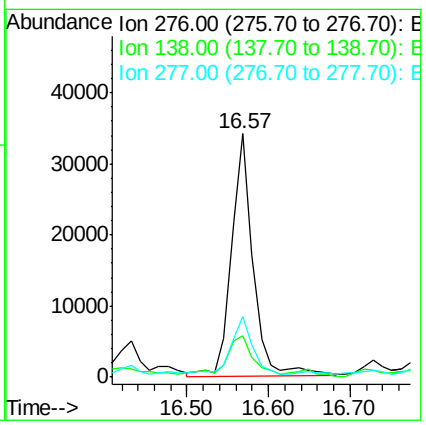


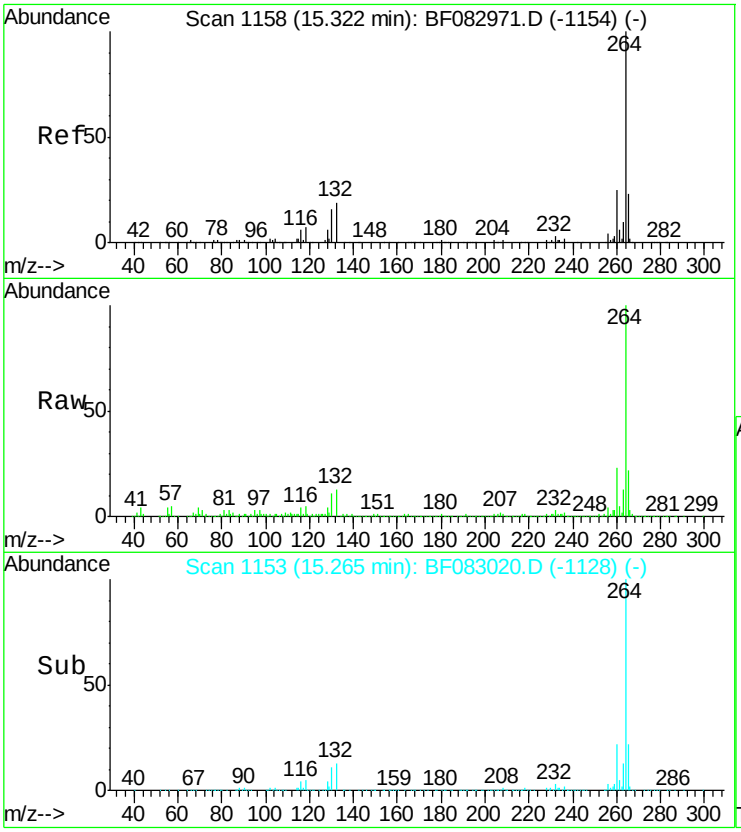


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.54 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.03 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:276 Resp: 62227

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.3	22.9
277	24.2	20.2	30.4



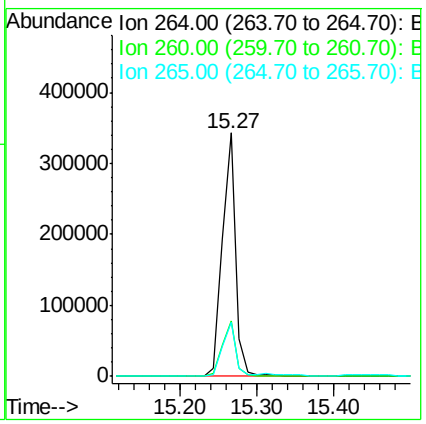


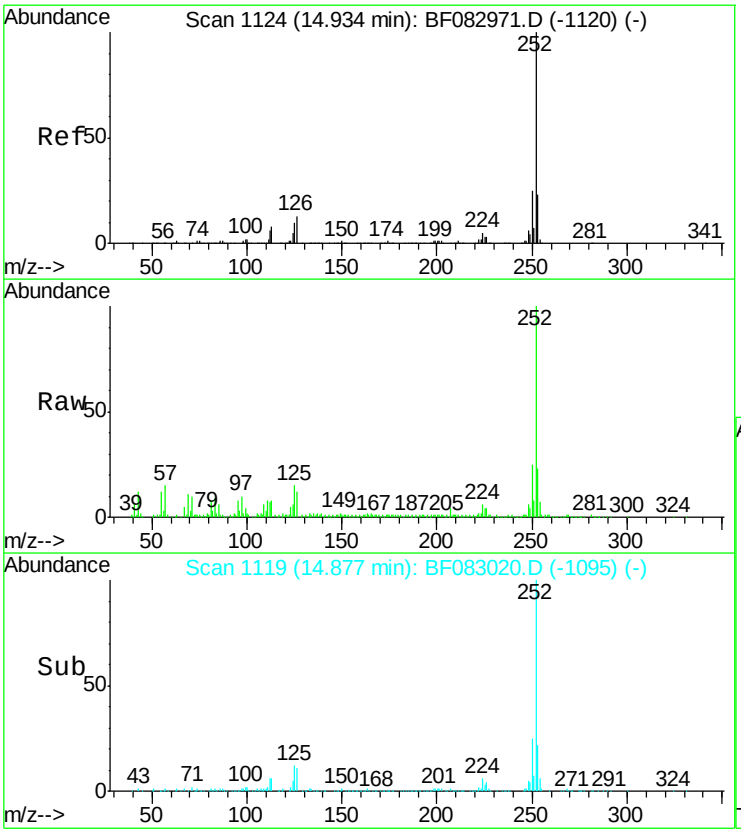
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 425326

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.8	29.6
265	22.2	17.4	26.0

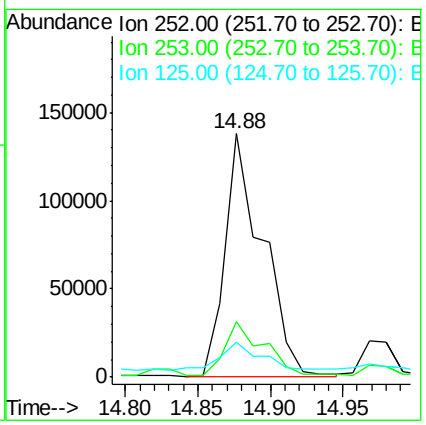


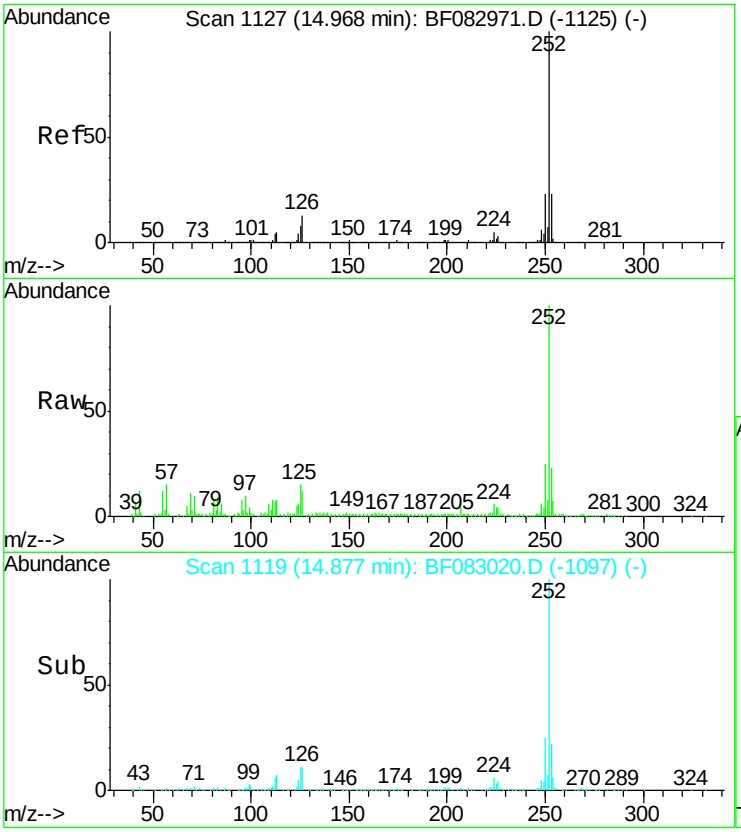


#87
Benzo(b)fluoranthene
Concen: 9.01 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:252 Resp: 246066

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	14.5	5.4	8.2#



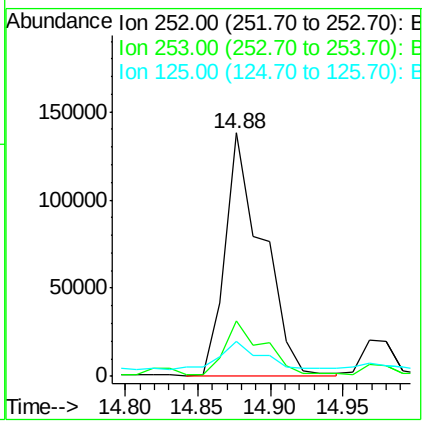


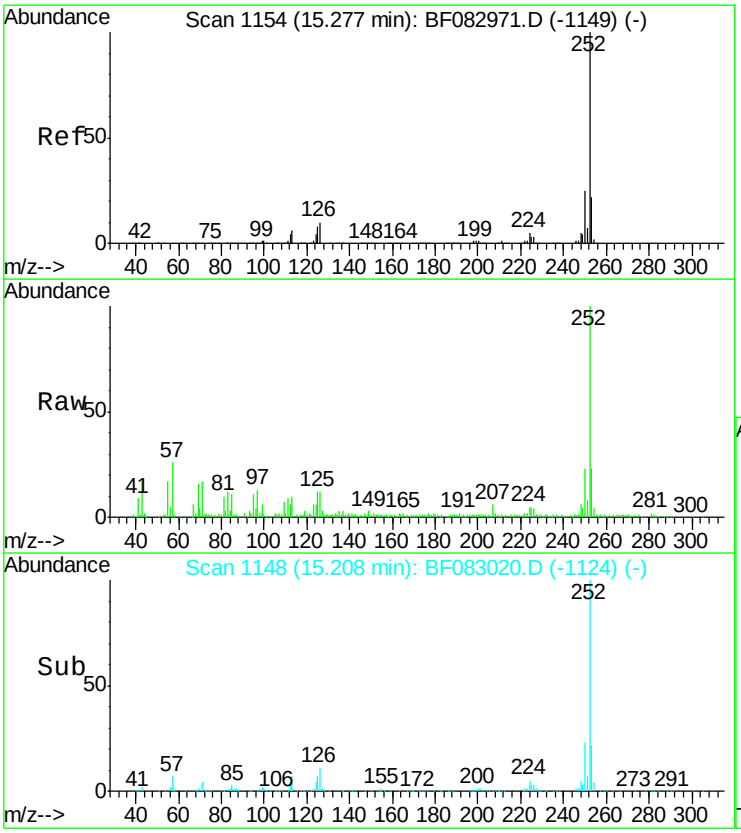
#88
Benzo(k)fluoranthene
Concen: 10.16 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 246066

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.5	3.5	5.3#

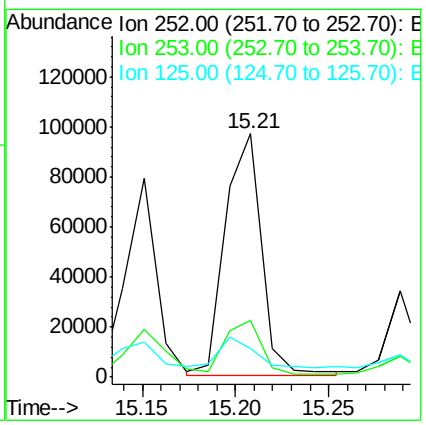


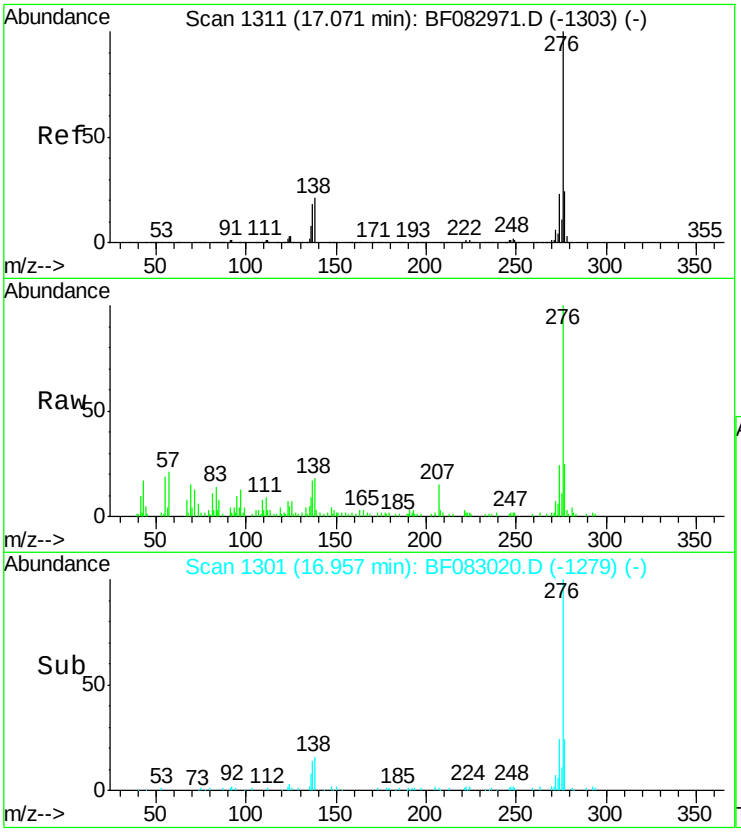


#89
Benzo(a)pyrene
Concen: 5.60 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Tgt Ion:252 Resp: 132400

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.7	7.1	10.7#





#91
Benzo(g,h,i)perylene
Concen: 3.01 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF083020.D
Acq: 18 Nov 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 57658

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	17.8	13.1	19.7