Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
Data File : BF083028.D
Acq On : 19 Nov 2015 00:51
Operator : UM/IZ
Sample : G4440-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S2

Quant Time: Nov 19 01:53:35 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	6.89	152	90266	20.00	ng		0.15
21) Naphthalene-d8	8.02	136	491127	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	221776	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	337947	20.00	ng		0.00
75) Chrysene-d12	13.88	240	285141	20.00	ng		-0.01
86) Perylene-d12	15.28	264	243666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	179990	31.03	ng		-0.01
7) Phenol-d6	6.38	99	233844	30.32	ng		-0.01
23) Nitrobenzene-d5	7.29	82	139605	12.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	36963	14.54	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	250919	16.22	ng		-0.01
78) Terphenyl-d14	12.83	244	183520	15.27	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	18689	3.30	ng	#	73
49) Dimethylphthalate	9.49	163	97325	5.36	ng		97
50) 2,6-Dinitrotoluene	9.77	165	29117	7.51	ng	#	17
56) 2,4-Dinitrotoluene	9.77	165	29325	5.57	ng	#	15
70) Phenanthrene	11.28	178	161603	8.23	ng		95
71) Anthracene	11.28	178	161603	7.82	ng		95
74) Fluoranthene	12.45	202	364567	17.31	ng		98
77) Pyrene	12.68	202	303446	15.50	ng		97
80) Benzo(a)anthracene	13.87	228	135663	7.61	ng		100
82) Chrysene	13.91	228	161265	9.87	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	89524	7.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.58	276	61294	4.36	ng		95
87) Benzo(b)fluoranthene	14.89	252	223434	14.29	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	223207	16.09	ng	#	96
89) Benzo(a)pyrene	15.21	252	104040	7.68	ng	#	92
91) Benzo(g,h,i)perylene	16.98	276	57287	5.21	ng		97

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

Quantitation Report (Not Reviewed)

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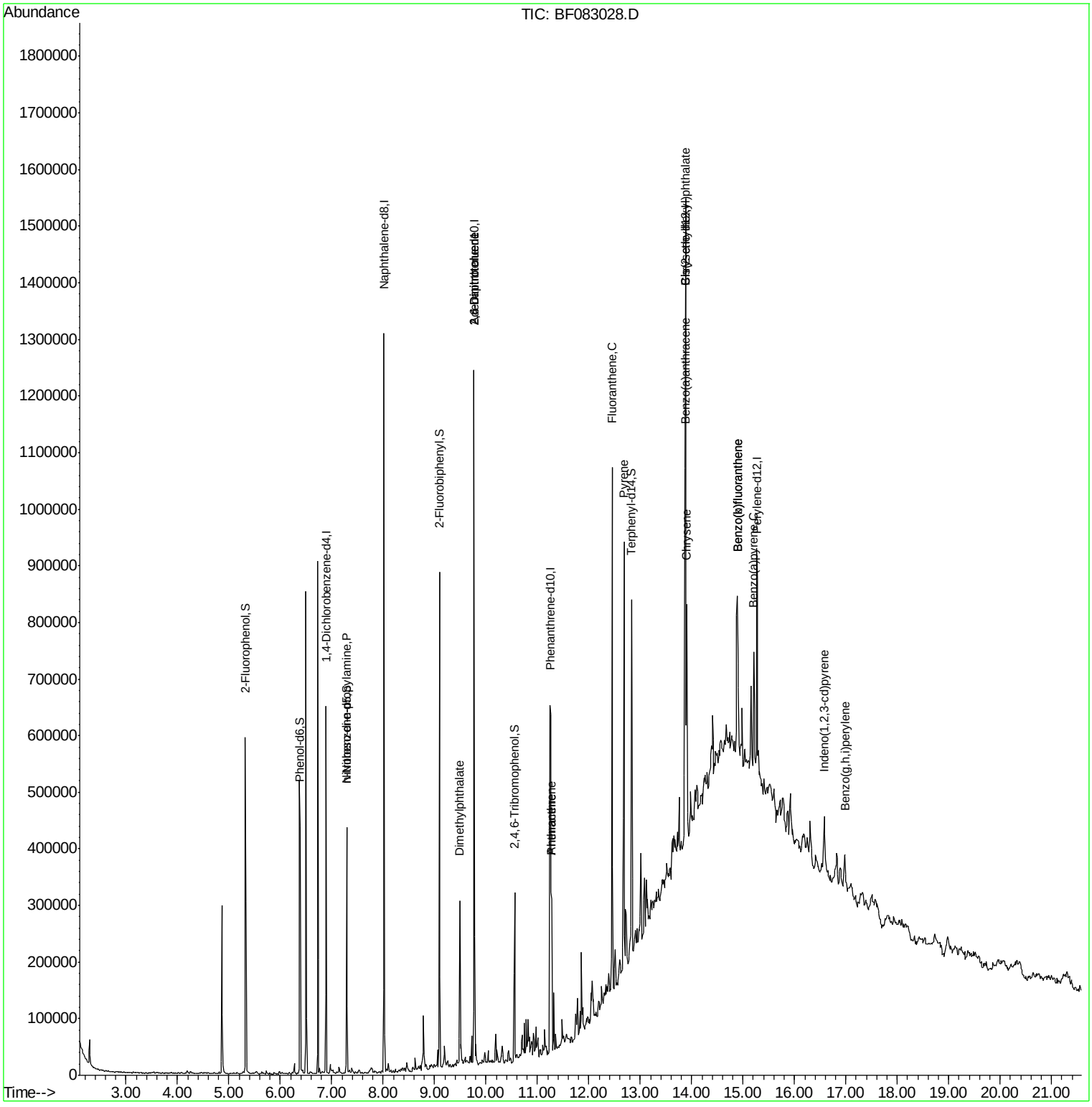
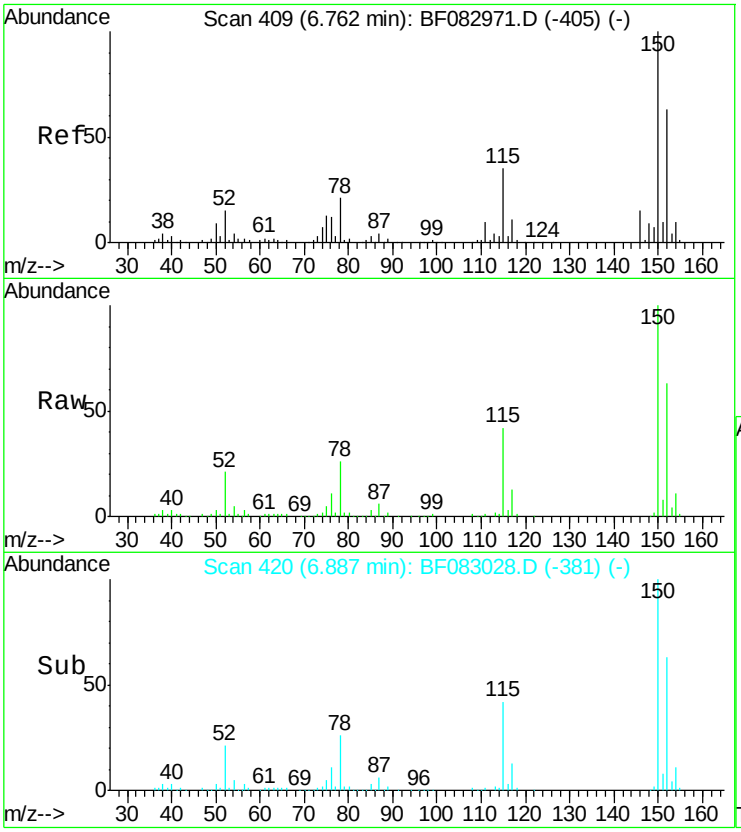


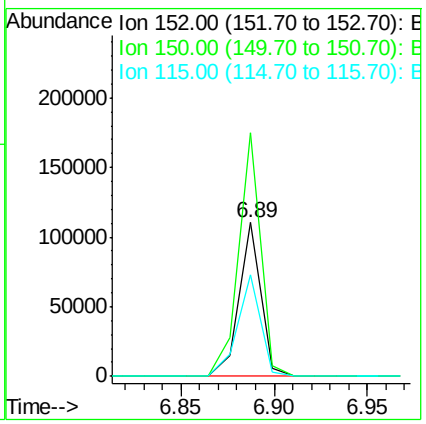


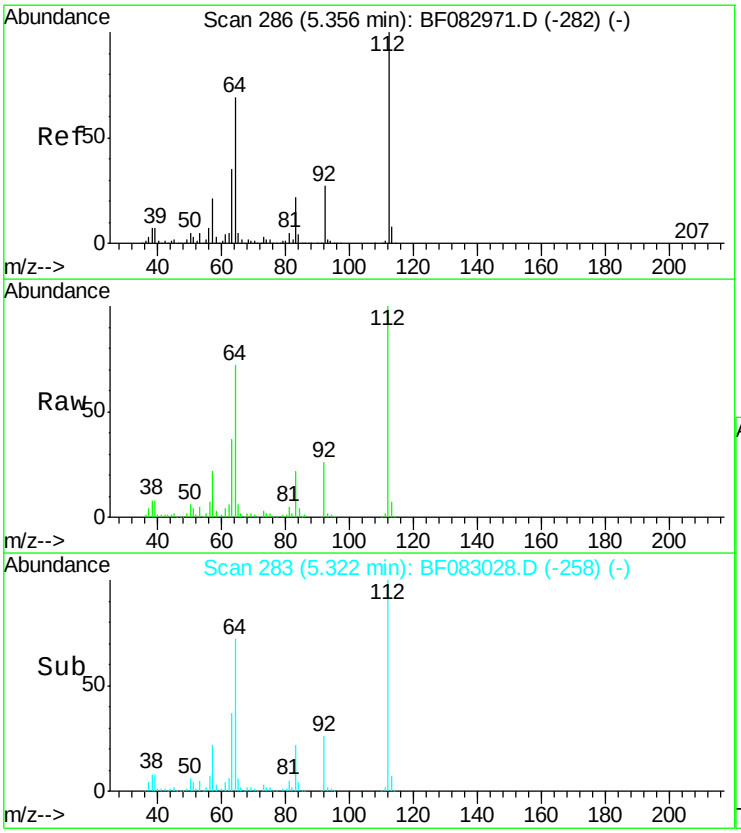
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:152 Resp: 90266

Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.0	190.4
115	66.0	47.0	70.6

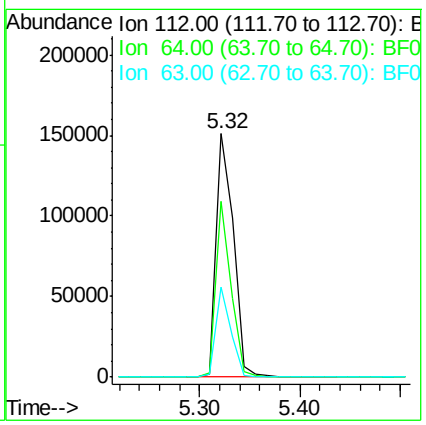


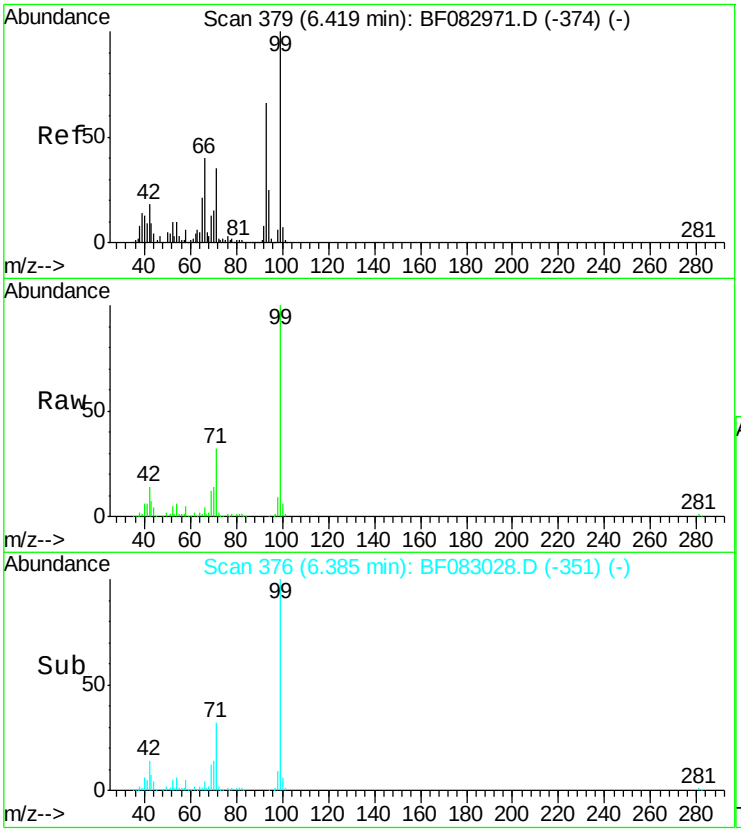


#5
2-Fluorophenol
Concen: 31.03 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:112 Resp: 179990

Ion	Ratio	Lower	Upper
112	100		
64	72.2	48.9	73.3
63	36.9	28.1	42.1



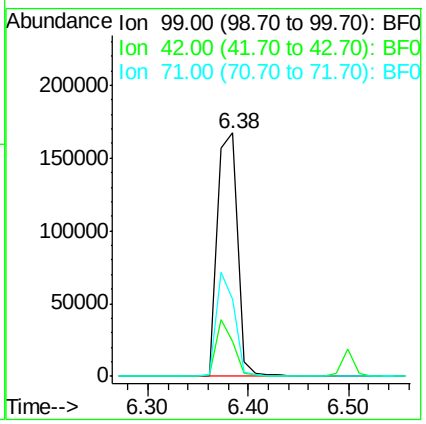


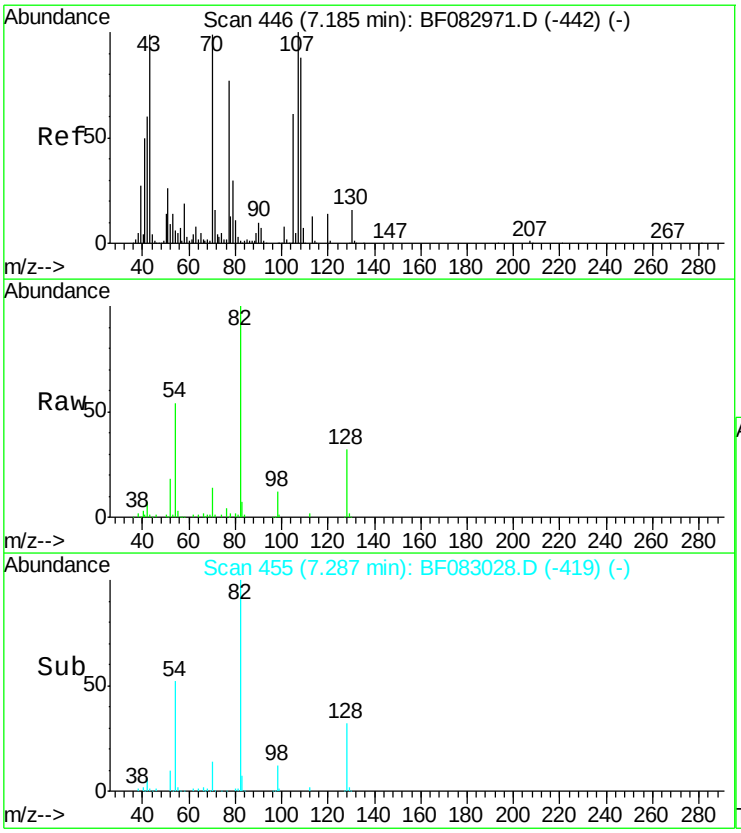
#7
Phenol-d6
Concen: 30.32 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion: 99 Resp: 233844

Ion	Ratio	Lower	Upper
99	100		
42	14.2	19.2	28.8#
71	32.0	35.0	52.4#

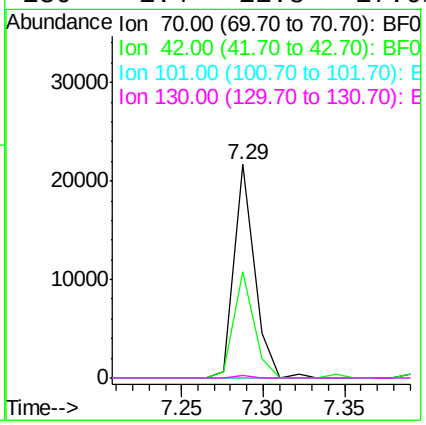


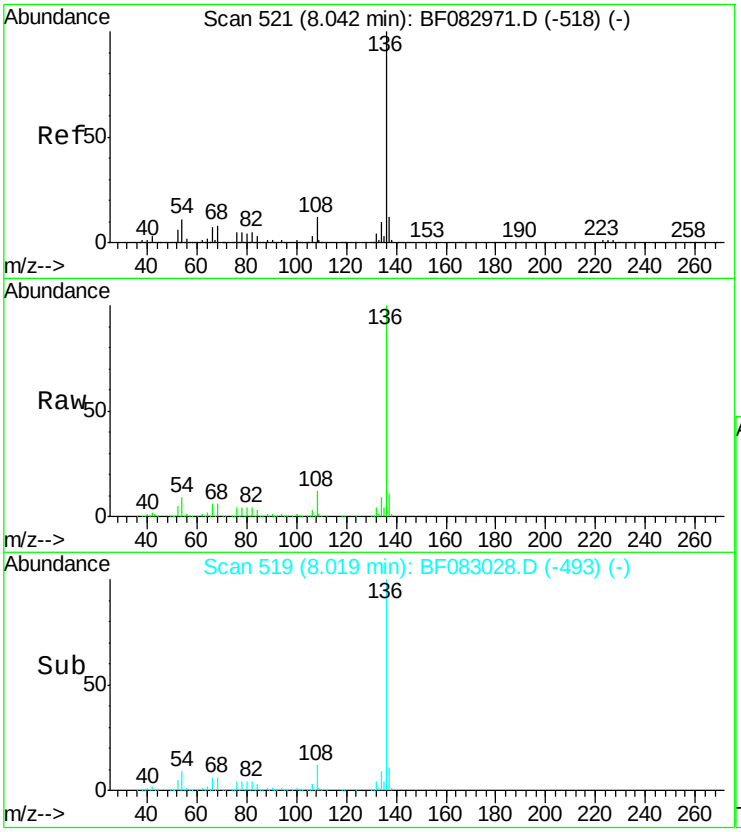


#19
n-Nitroso-di-n-propylamine
Concen: 3.30 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion: 70 Resp: 18689

Ion	Ratio	Lower	Upper
70	100		
42	49.7	57.7	86.5#
101	0.0	7.0	10.6#
130	1.4	11.8	17.6#



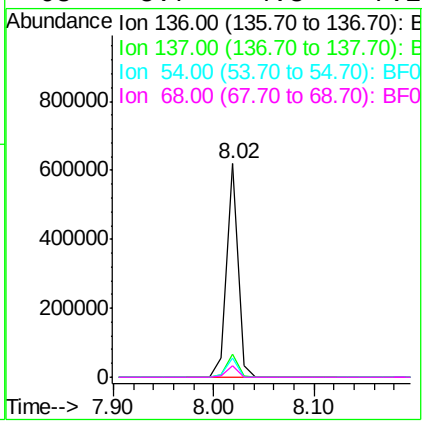


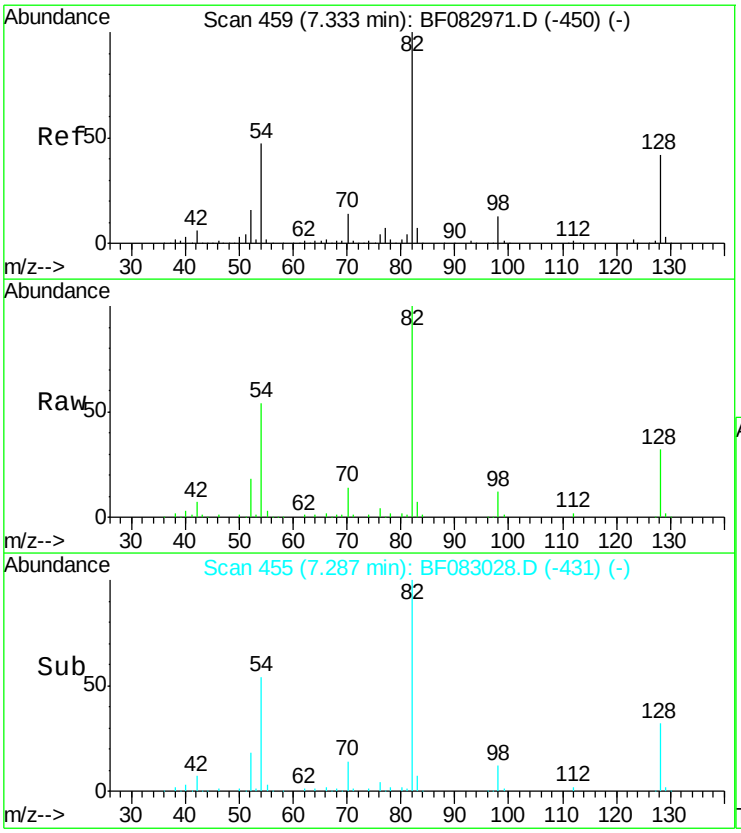
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:136 Resp: 491127

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	9.1	13.7#
68	5.7	4.8	7.2

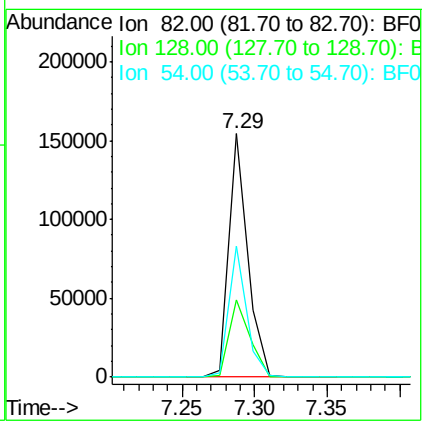


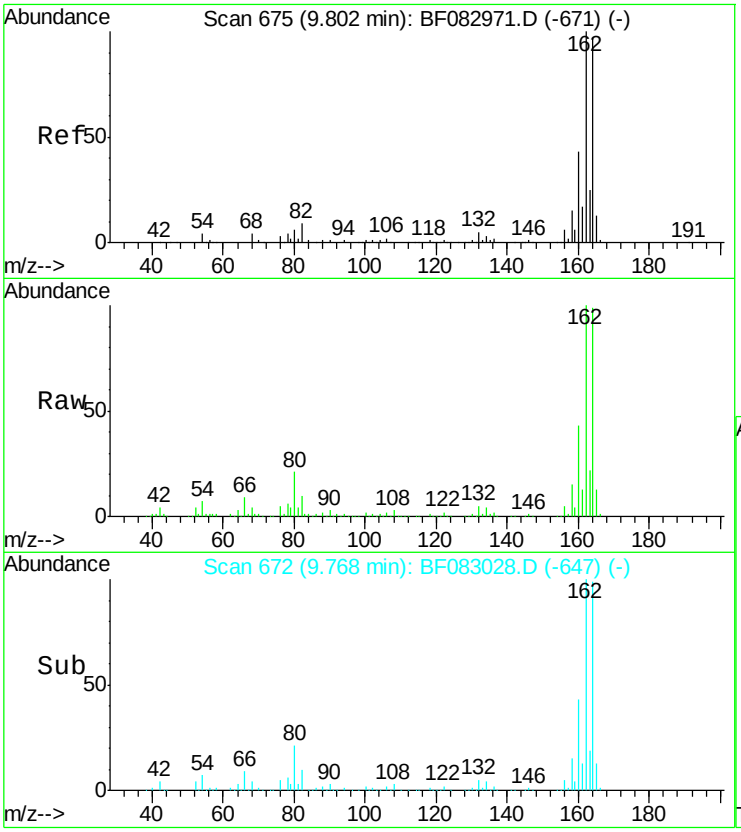


#23
Nitrobenzene-d5
Concen: 12.37 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion: 82 Resp: 139605

Ion	Ratio	Lower	Upper
82	100		
128	31.7	26.8	40.2
54	53.8	45.7	68.5



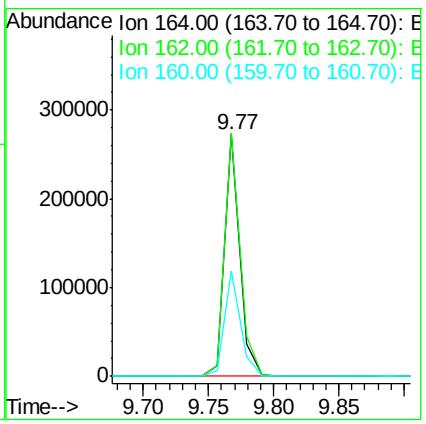


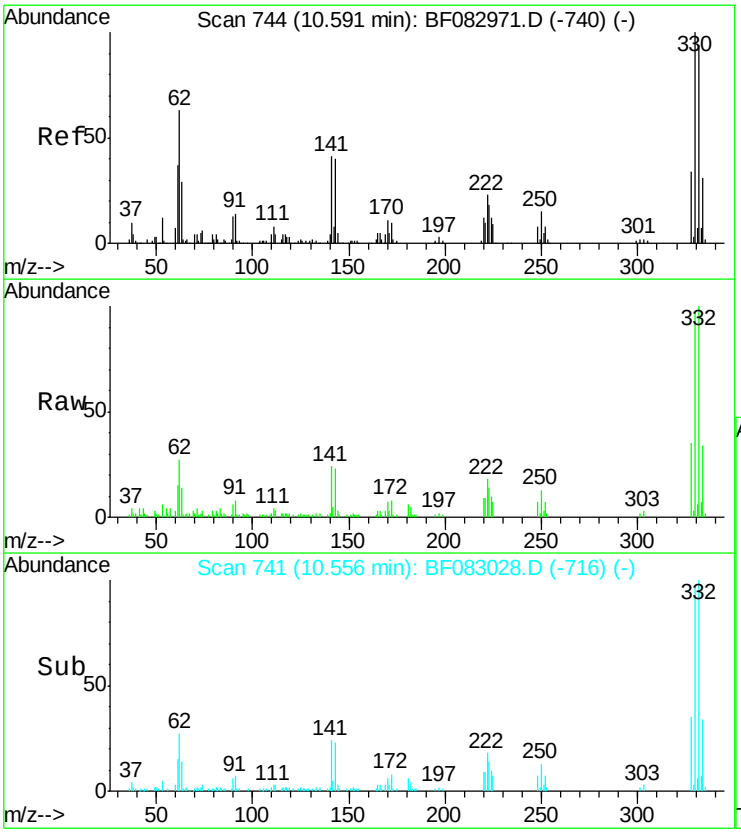
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:164 Resp: 221776

Ion	Ratio	Lower	Upper
164	100		
162	100.6	84.9	127.3
160	43.5	37.5	56.3

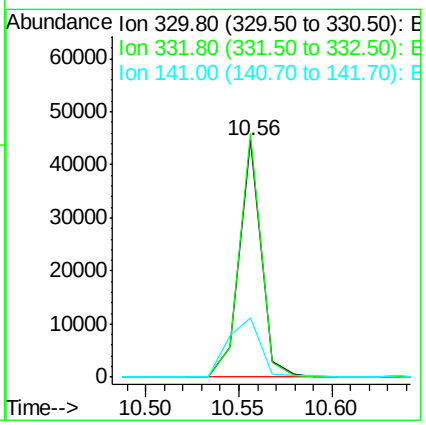


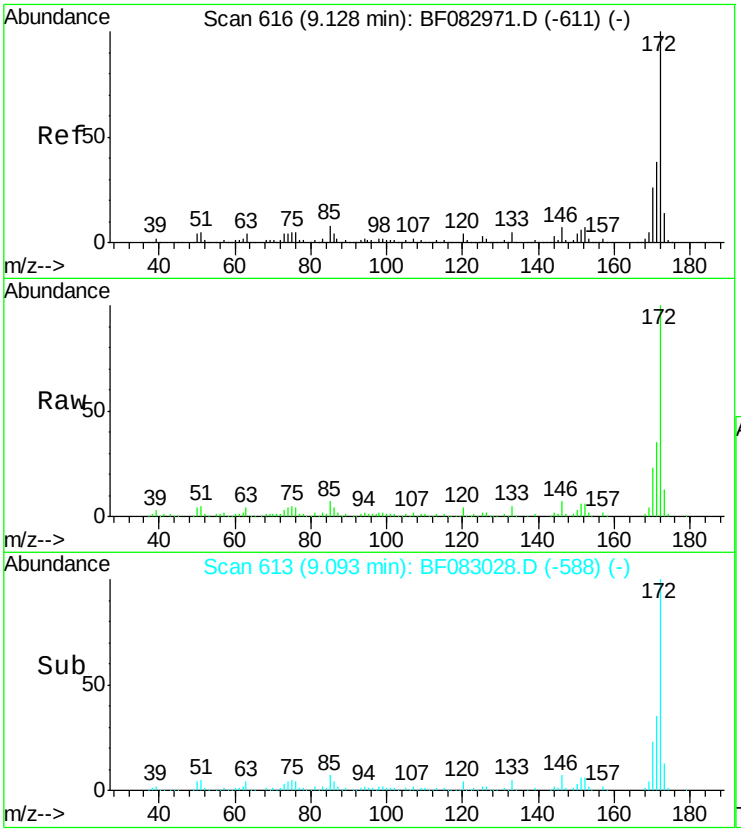


#41
2,4,6-Tribromophenol
Concen: 14.54 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:330 Resp: 36963

Ion	Ratio	Lower	Upper
330	100		
332	101.3	76.6	114.8
141	37.4	41.2	61.8#



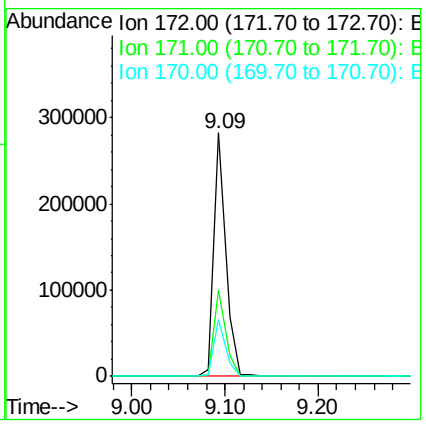


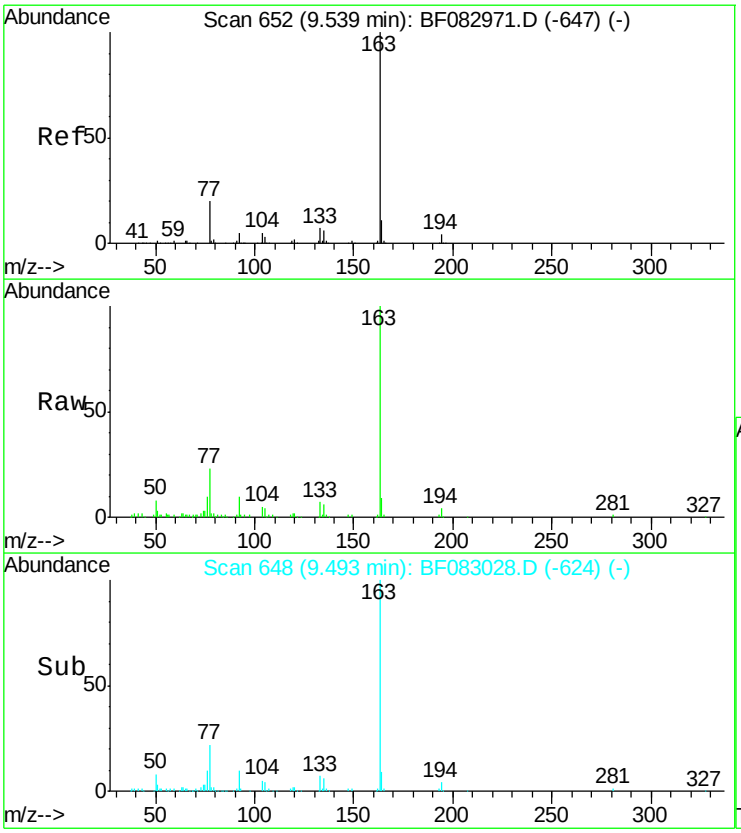
#44
2-Fluorobiphenyl
Concen: 16.22 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:172 Resp: 250919

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.8	46.2
170	23.5	21.2	31.8

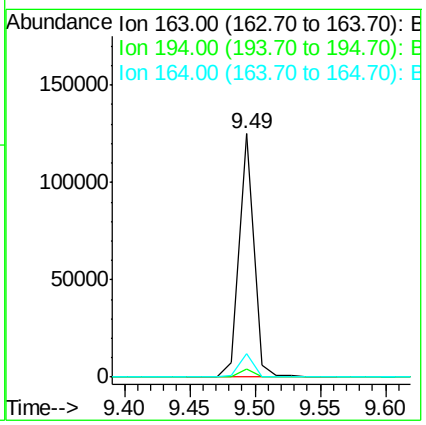


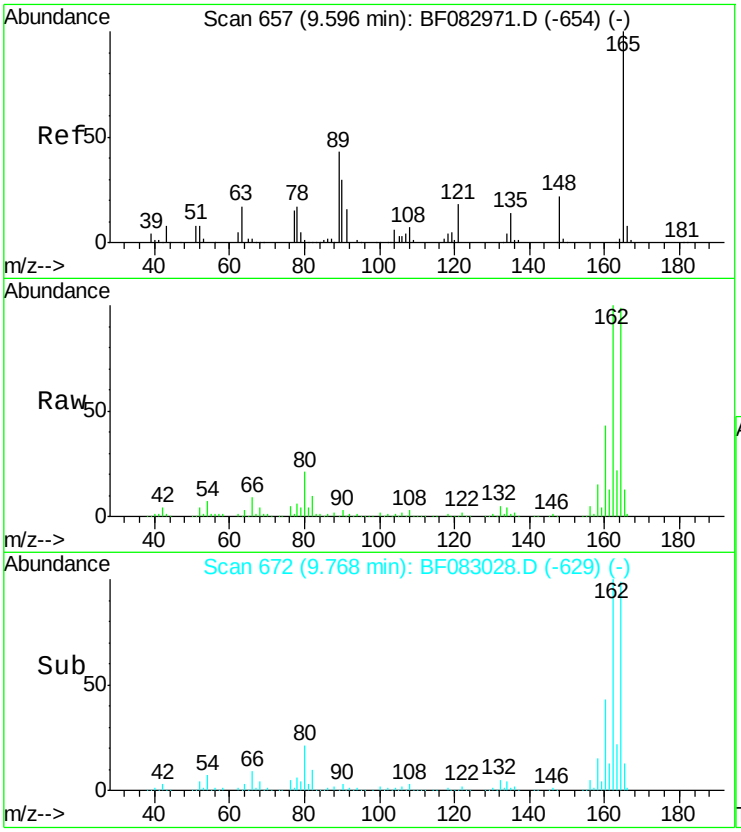


#49
Dimethylphthalate
Concen: 5.36 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:163 Resp: 97325

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.7	13.1



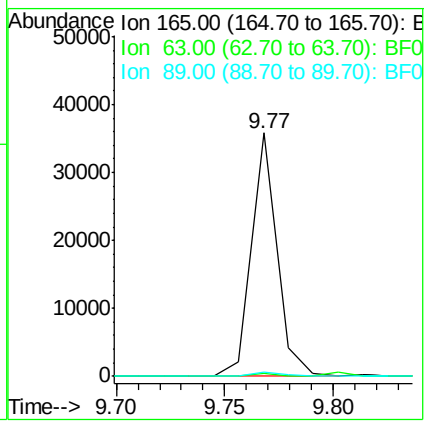


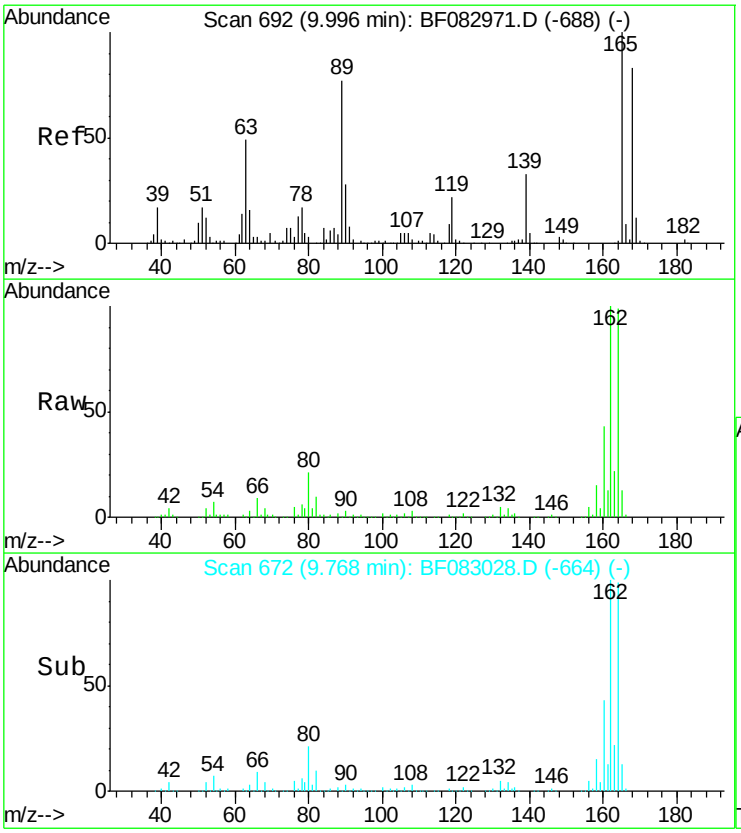
#50
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.19 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:165 Resp: 29117

Ion	Ratio	Lower	Upper
165	100		
63	1.3	55.5	83.3#
89	1.7	55.0	82.6#

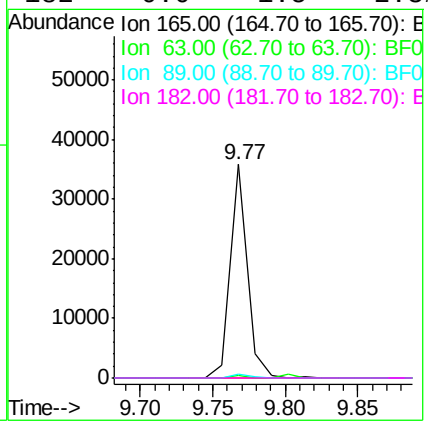


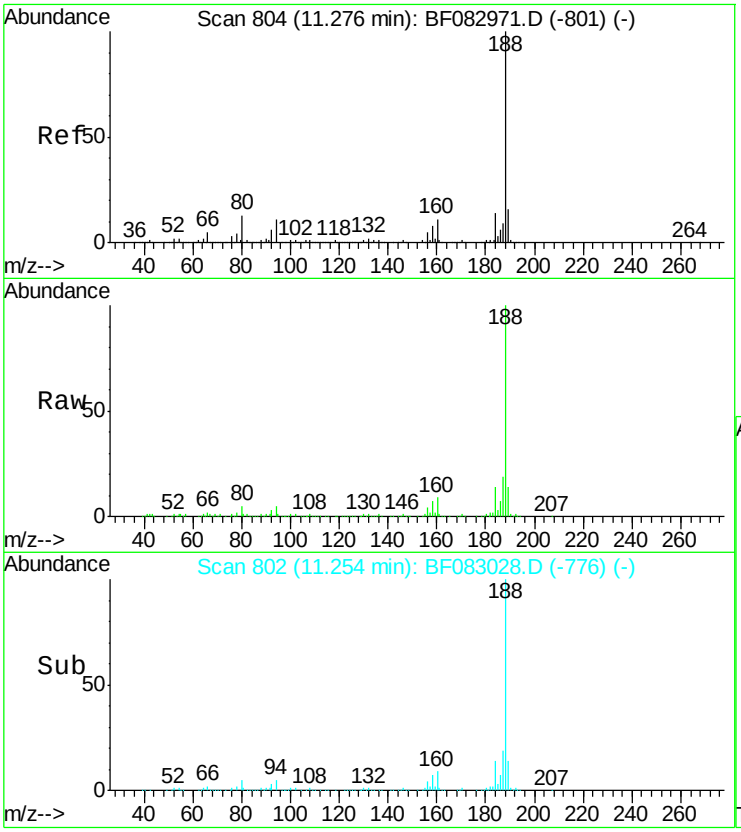


#56
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:165 Resp: 29325

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#



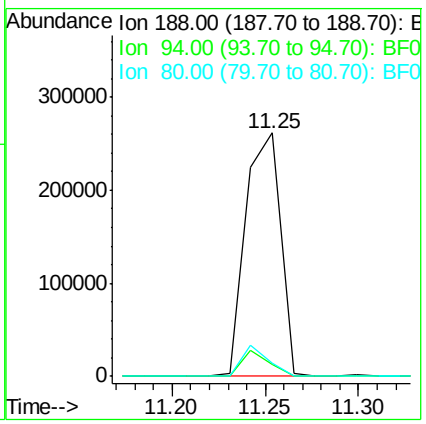


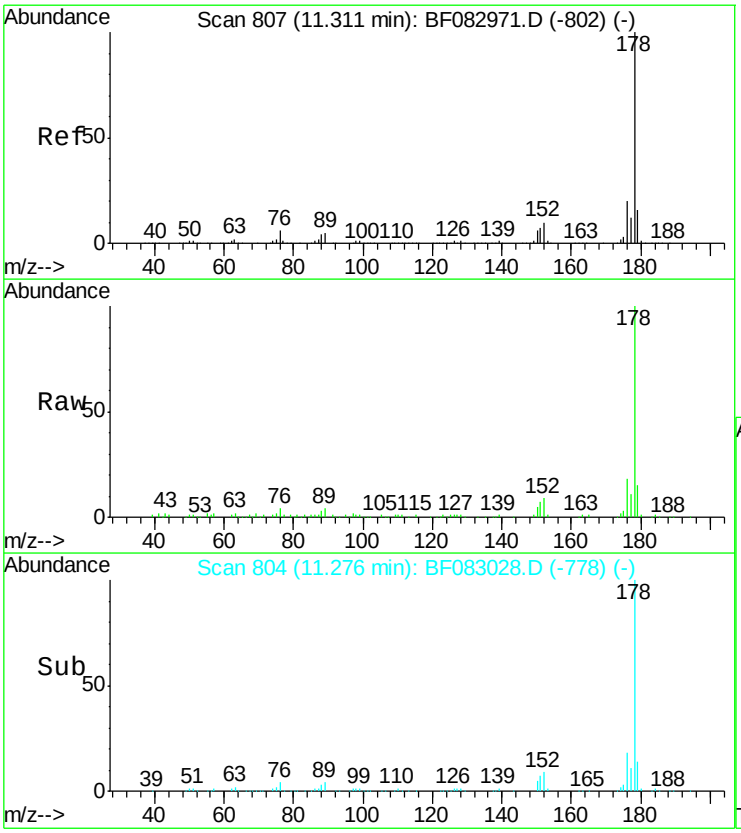
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:188 Resp: 337947

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.1	9.1#
80	5.3	7.0	10.6#

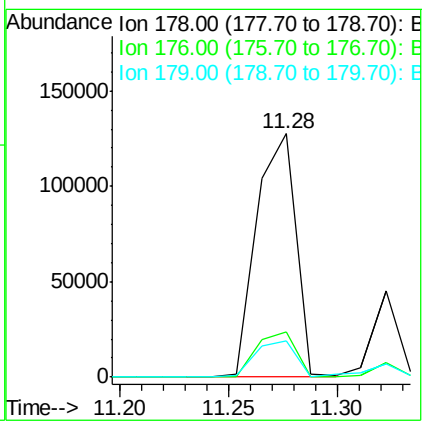


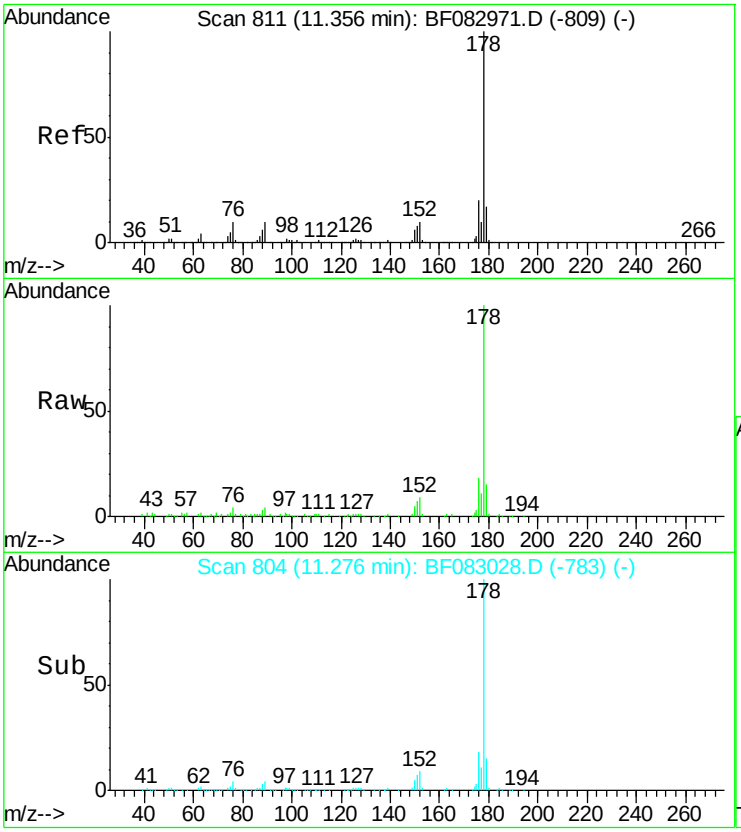


#70
Phenanthrene
Concen: 8.23 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:178 Resp: 161603

Ion	Ratio	Lower	Upper
178	100		
176	18.3	17.0	25.4
179	14.8	13.4	20.0



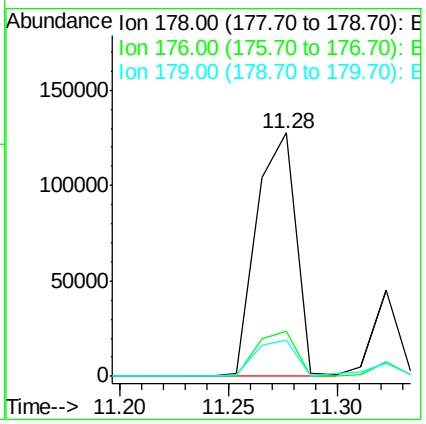


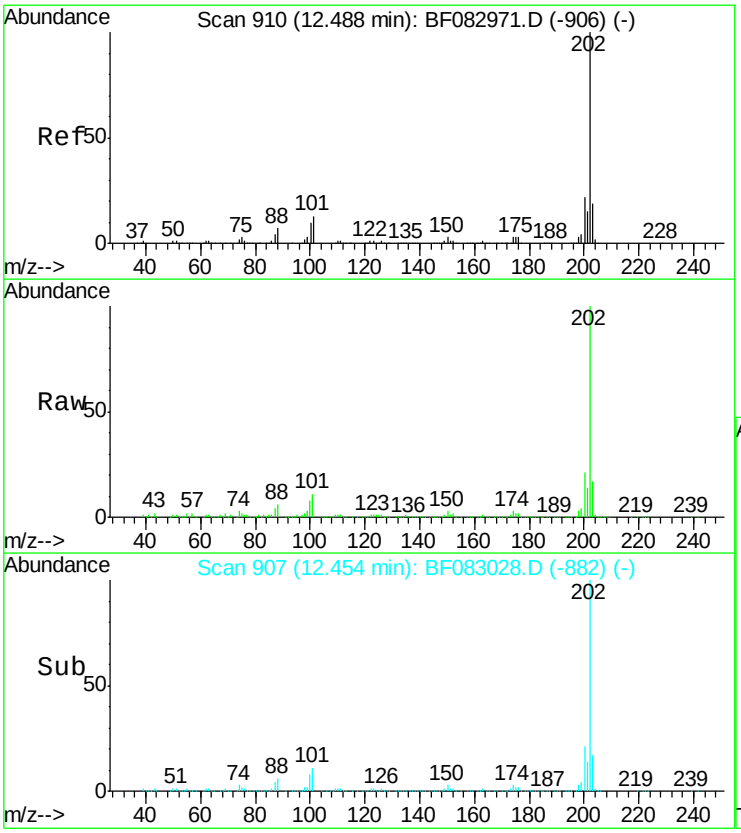
#71
Anthracene
Concen: 7.82 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.06 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:178 Resp: 161603

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.5	24.7
179	14.8	13.2	19.8

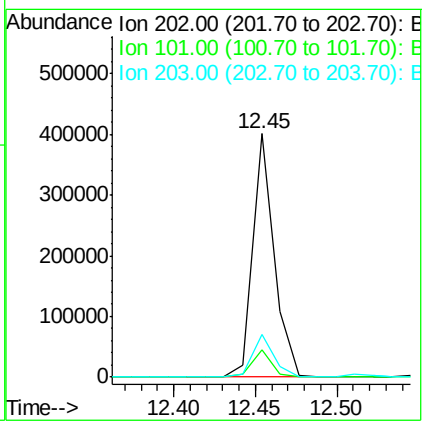


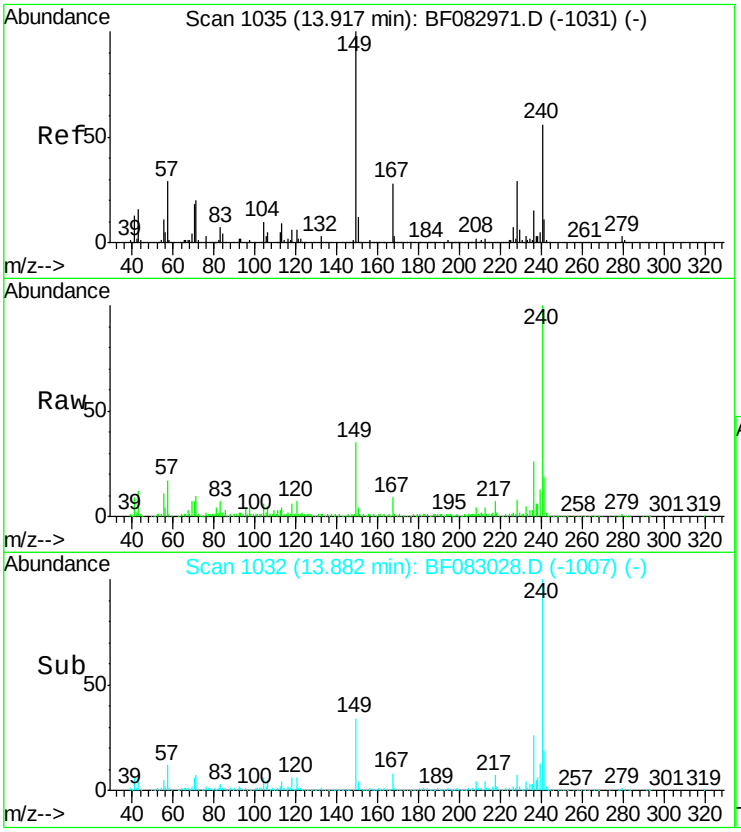


#74
Fluoranthene
Concen: 17.31 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:202 Resp: 364567

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.5
203	17.4	0.0	38.5



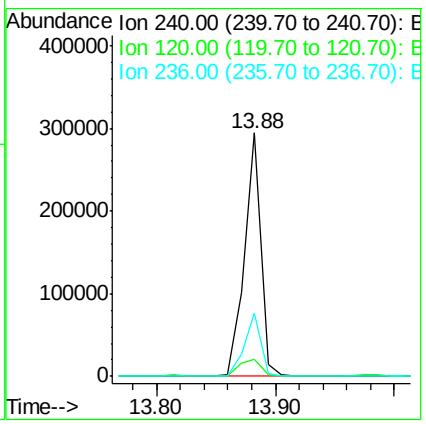


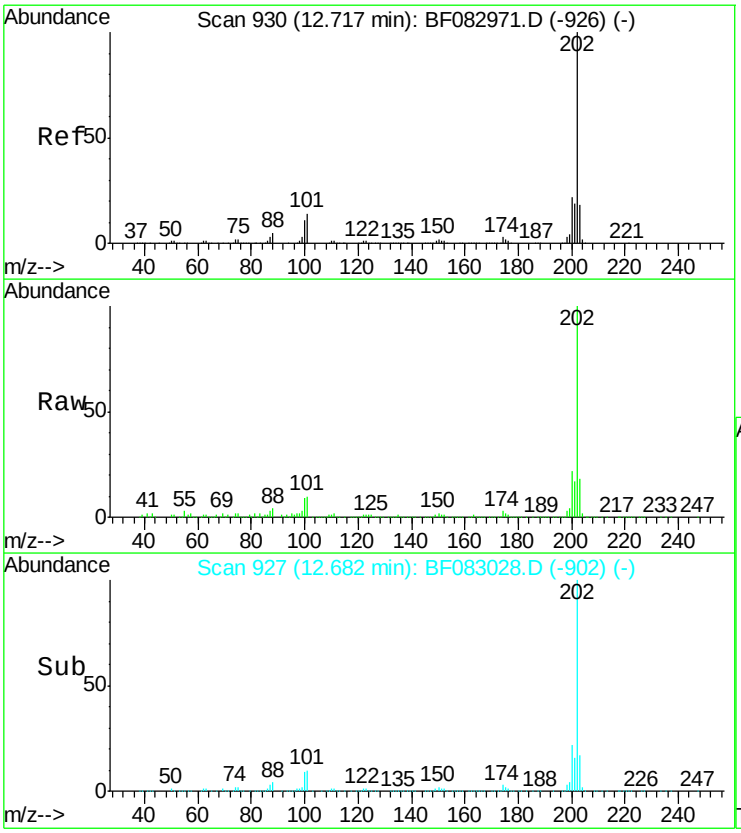
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:240 Resp: 285141

Ion	Ratio	Lower	Upper
240	100		
120	6.8	10.9	16.3#
236	25.7	21.6	32.4

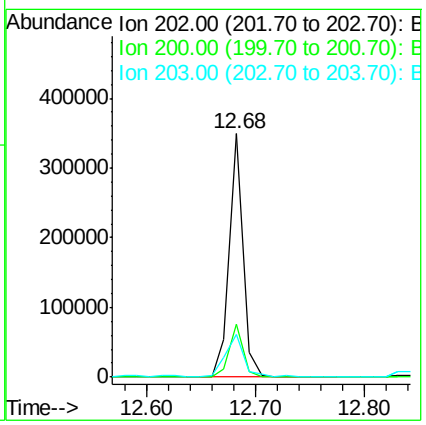


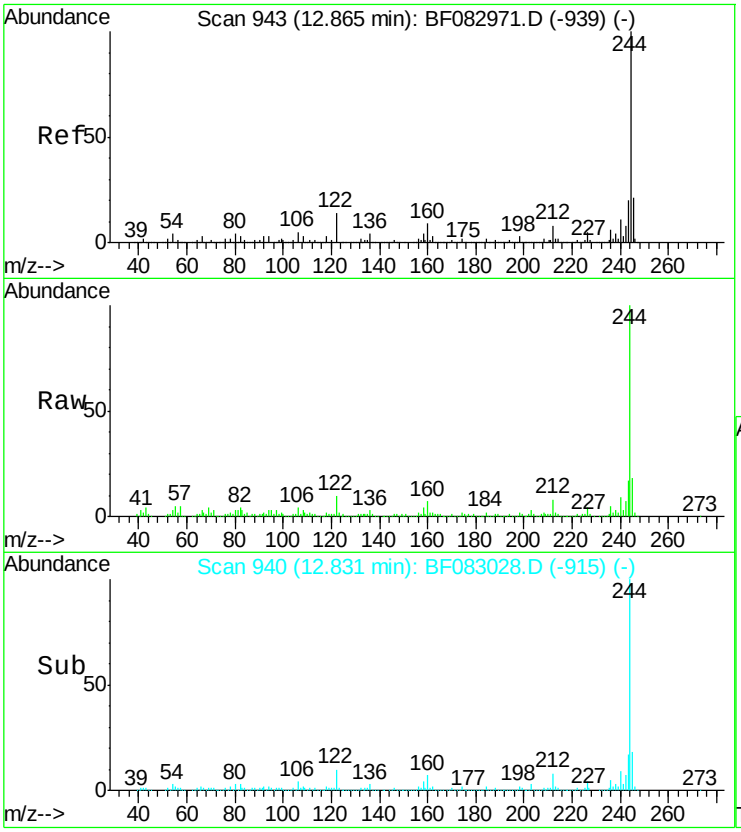


#77
Pyrene
Concen: 15.50 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:202 Resp: 303446

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	17.7	14.8	22.2



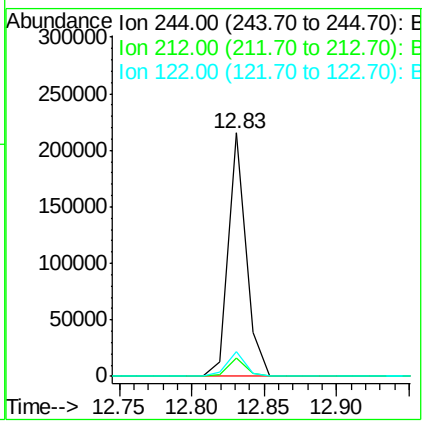


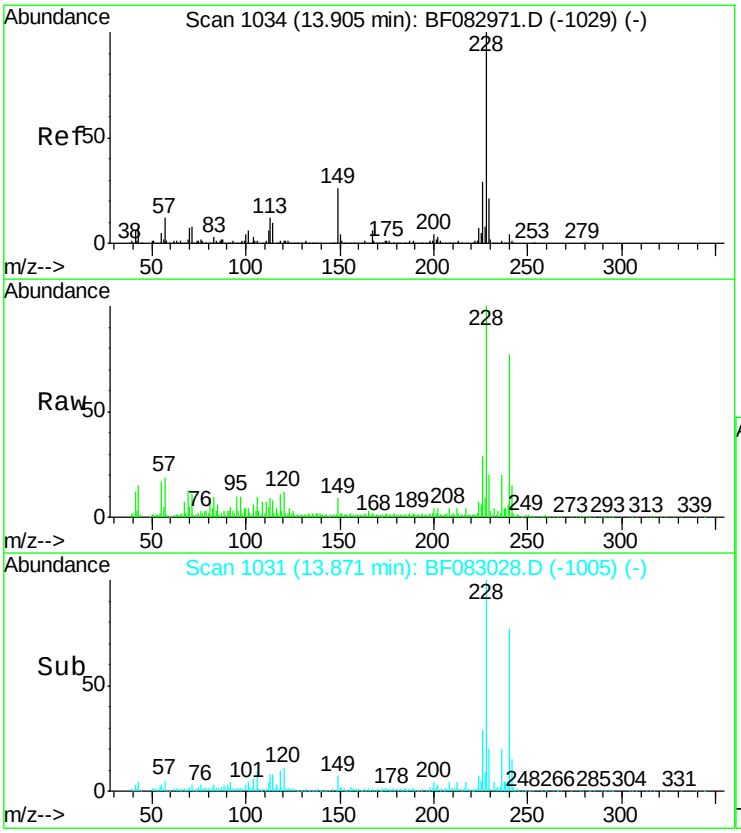
#78
Terphenyl-d14
Concen: 15.27 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:244 Resp: 183520

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.6	11.4#
122	10.2	11.3	16.9#

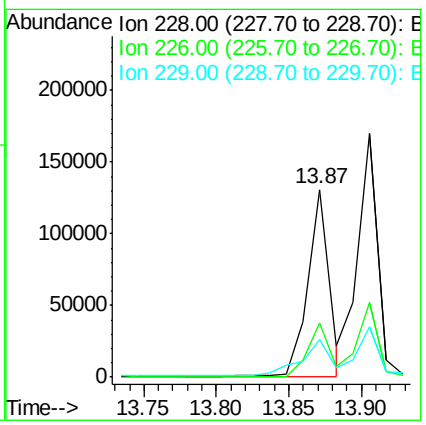


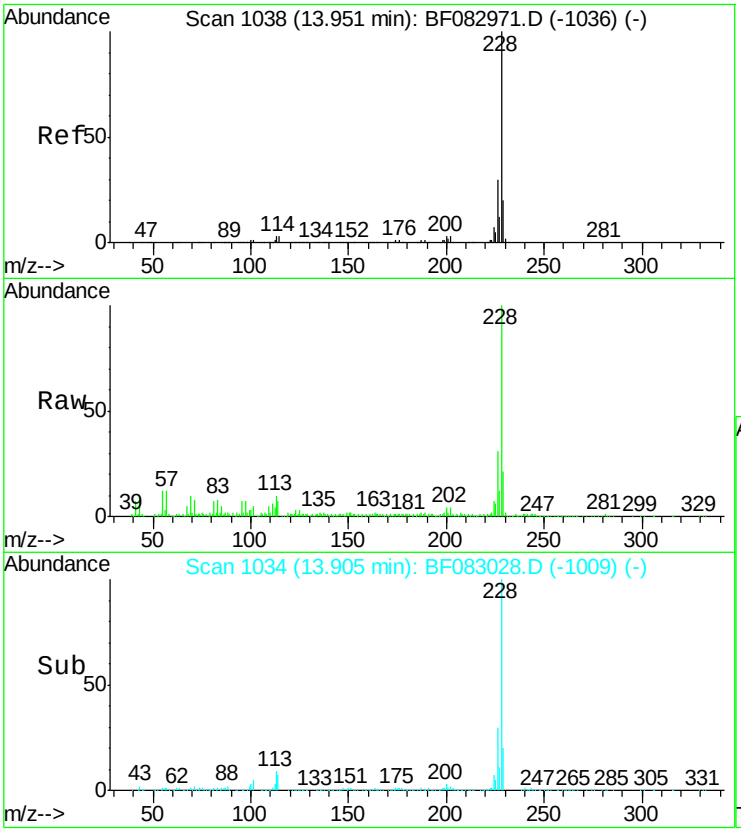


#80
Benzo(a)anthracene
Concen: 7.61 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:228 Resp: 135663

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	20.2	16.3	24.5



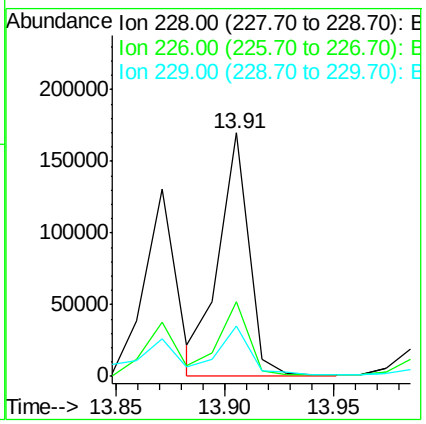


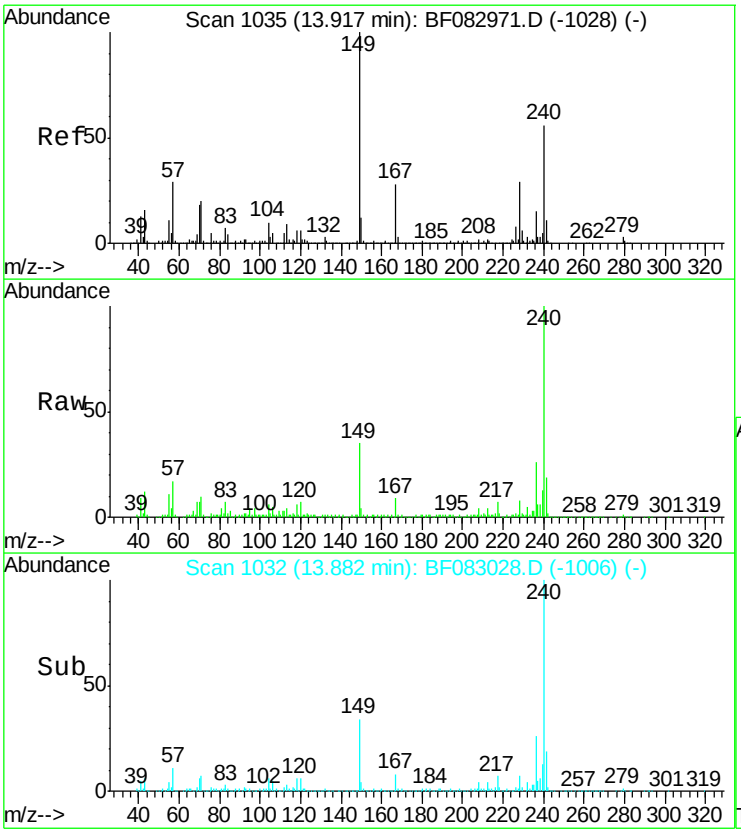
#82
Chrysene
Concen: 9.87 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:228 Resp: 161265

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	20.8	16.3	24.5

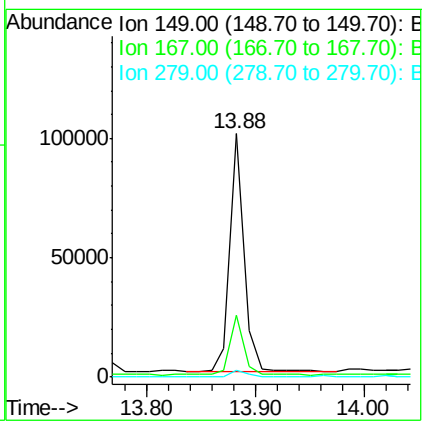


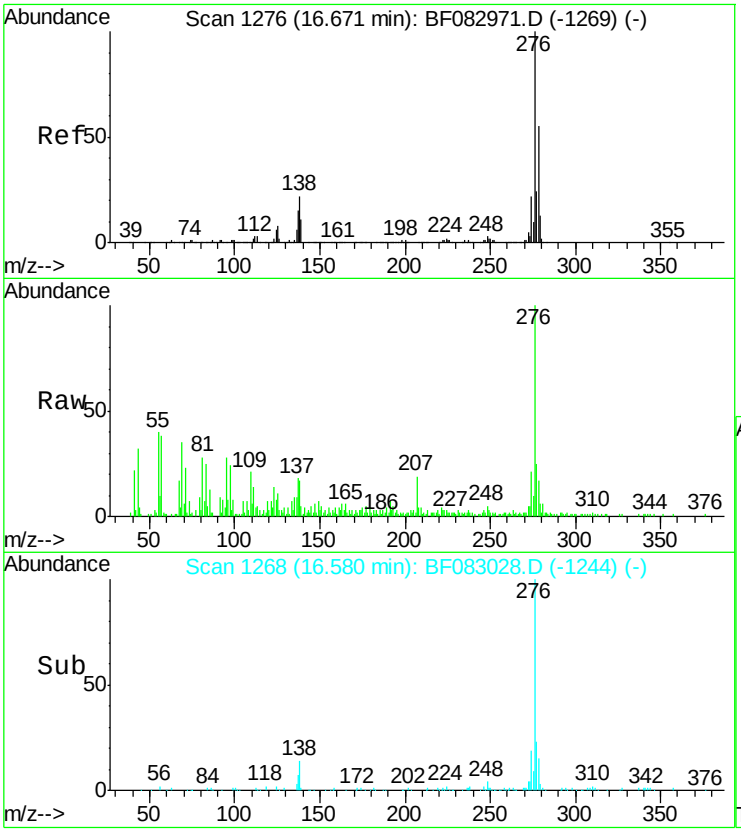


#83
Bis(2-ethylhexyl)phthalate
Concen: 7.56 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:149 Resp: 89524

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.2	31.8
279	2.6	2.2	3.2



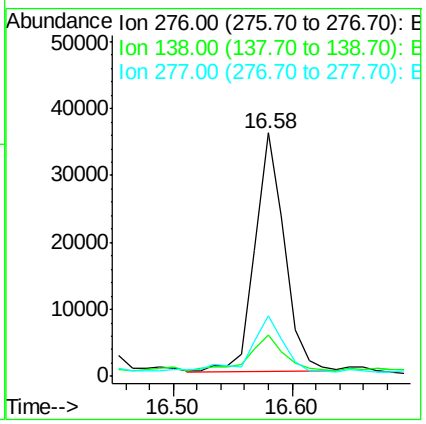


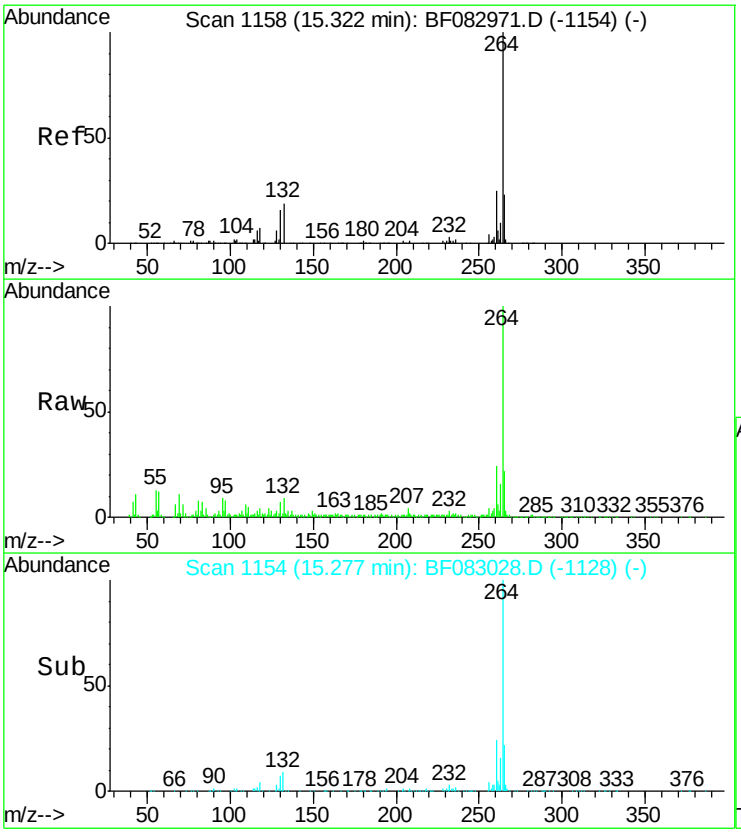
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.36 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:276 Resp: 61294

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.3	22.9
277	29.1	20.2	30.4

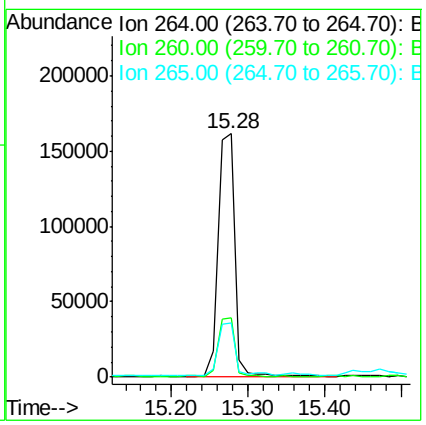


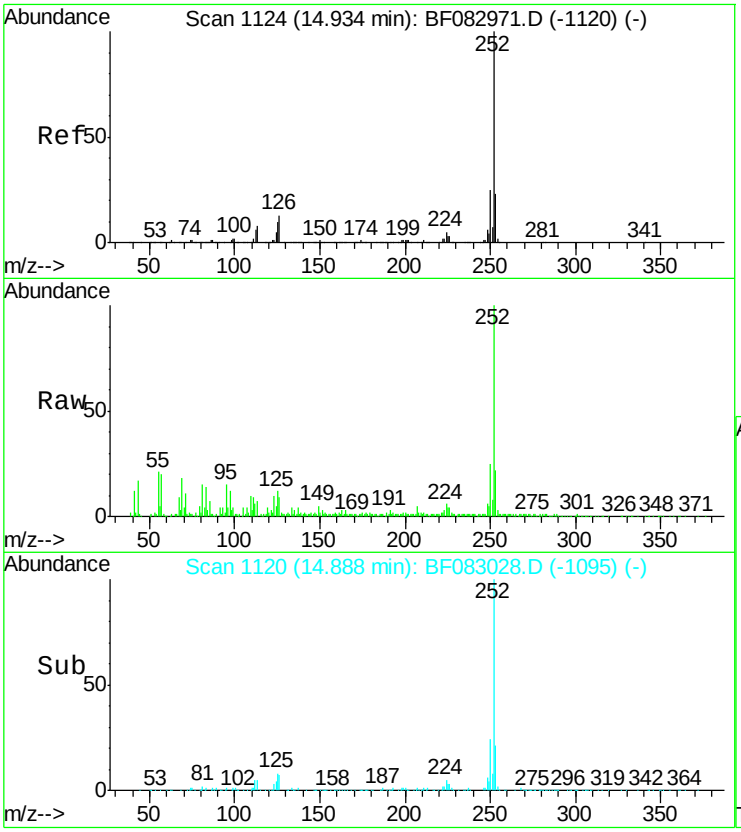


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:264 Resp: 243666

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.3	17.4	26.0



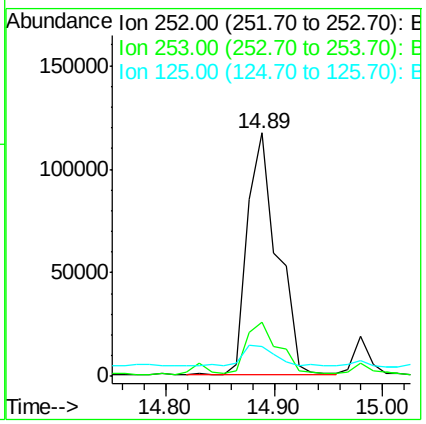


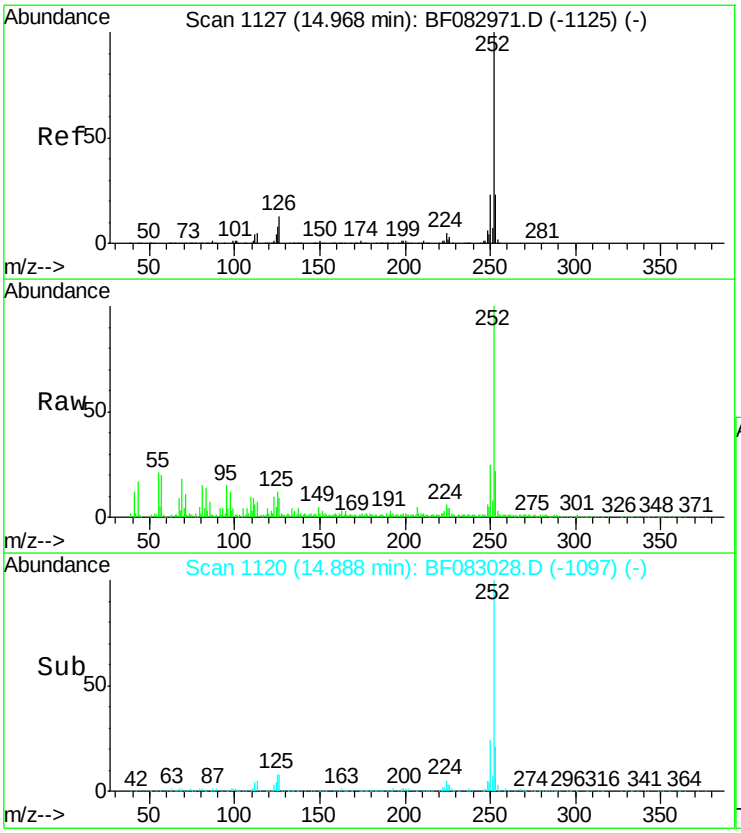
#87
Benzo(b)fluoranthene
Concen: 14.29 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:252 Resp: 223434

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	12.4	5.4	8.2#

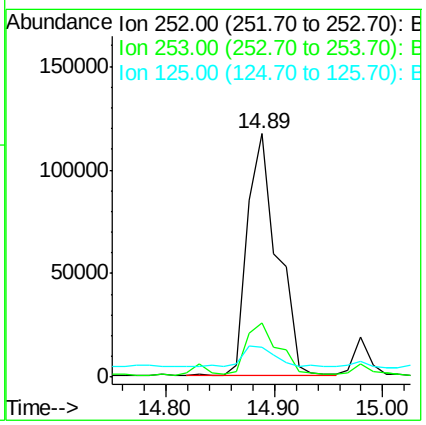


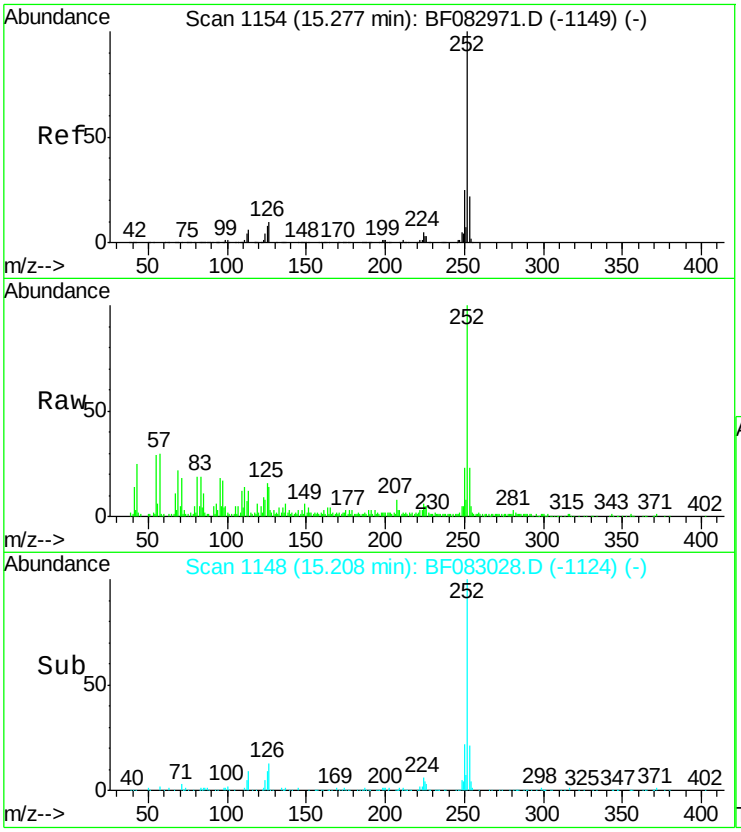


#88
Benzo(k)fluoranthene
Concen: 16.09 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:252 Resp: 223207

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.4	3.5	5.3#



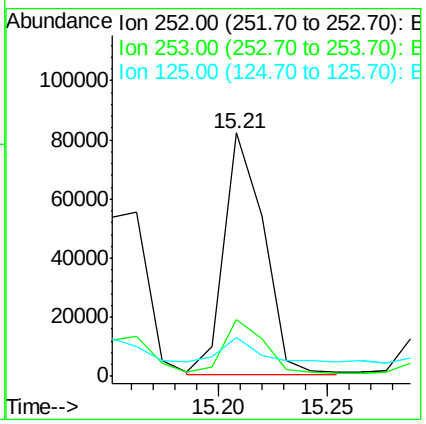


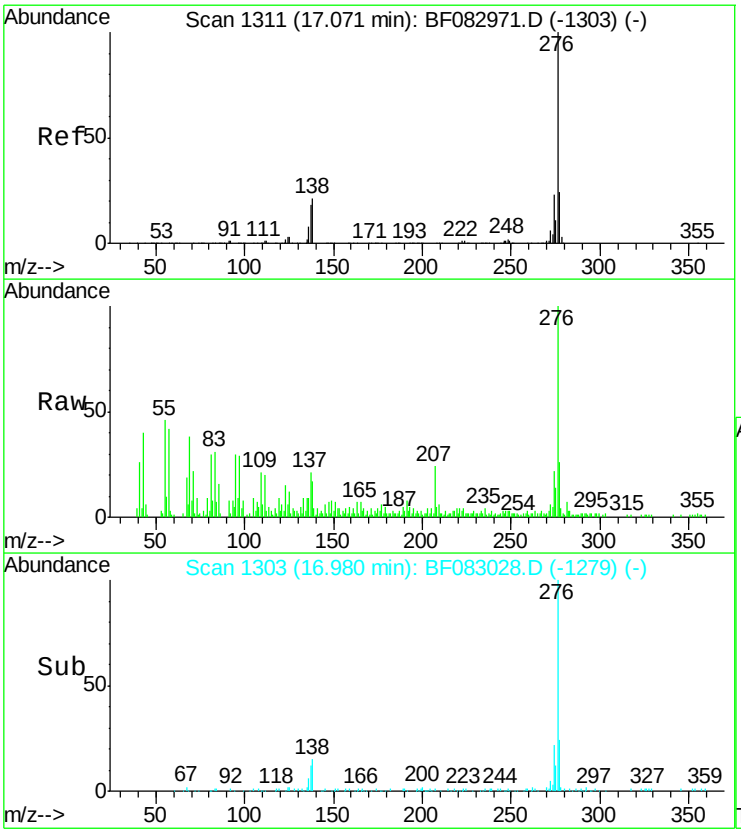
#89
Benzo(a)pyrene
Concen: 7.68 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Instrument :
BNA_F
ClientSampleId :
V1S2

Tgt Ion:252 Resp: 104040

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	15.8	7.1	10.7#





#91
Benzo(g,h,i)perylene
Concen: 5.21 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF083028.D
Acq: 19 Nov 2015 00:51

Tgt Ion:276 Resp: 57287

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	17.2	13.1	19.7