Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083899.D
Acq On : 18 Dec 2015 6:12
Operator : UM/SJ
Sample : G4739-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K201-27-28

Quant Time: Dec 18 06:47:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	66394	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	238819	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	108687	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	167014	20.00	ng		0.01
75) Chrysene-d12	14.04	240	121274	20.00	ng		0.01
86) Perylene-d12	15.48	264	110160	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	395238	93.16	ng		0.01
7) Phenol-d6	6.52	99	559555	107.75	ng		0.01
23) Nitrobenzene-d5	7.44	82	297734	71.15	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	115412	96.39	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	547703	68.64	ng		0.00
78) Terphenyl-d14	12.99	244	317508	59.32	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	10995	3.51	ng		85
19) n-Nitroso-di-n-propylamine	7.44	70	42207	13.94	ng	#	76
25) Isophorone	7.44	82	260757	33.12	ng	#	66
31) Naphthalene	8.18	128	73952	4.15	ng		100
36) 4-Chloro-3-methylphenol	8.70	107	1322	Below Cal		#	20
37) 2-Methylnaphthalene	8.88	142	19739	2.38	ng		98
45) 1,1'-Biphenyl	9.33	154	5161	Below Cal			95
46) 2-Chloronaphthalene	9.40	162	234	Below Cal		#	1
48) Acenaphthylene	9.77	152	96828	7.64	ng		98
49) Dimethylphthalate	9.63	163	125708	13.78	ng	#	99
53) 2,4-Dinitrophenol	10.20	184	306	10.67	ng	#	73
57) Fluorene	10.46	166	14238	Below Cal		#	69
64) 4,6-Dinitro-2-methylphenol	10.57	198	461	4.34	ng	#	1
65) n-Nitrosodiphenylamine	10.58	169	19788	3.26	ng	#	62
69) Pentachlorophenol	11.05	266	266	4.99	ng	#	18
70) Phenanthrene	11.43	178	46651	4.62	ng	#	92
71) Anthracene	11.47	178	69968	7.17	ng	#	94
74) Fluoranthene	12.61	202	136540	13.56	ng		96
77) Pyrene	12.84	202	334242	43.44	ng		98
80) Benzo(a)anthracene	14.03	228	173121	23.22	ng	#	77
82) Chrysene	14.03	228	173121	24.04	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.91	276	44997	8.35	ng		97
87) Benzo(b)fluoranthene	15.07	252	183471	22.84	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	183471	27.69	ng		98
89) Benzo(a)pyrene	15.43	252	153085	23.08	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	15062	2.92	ng	#	82
91) Benzo(g,h,i)perylene	17.35	276	49999	9.89	ng		97

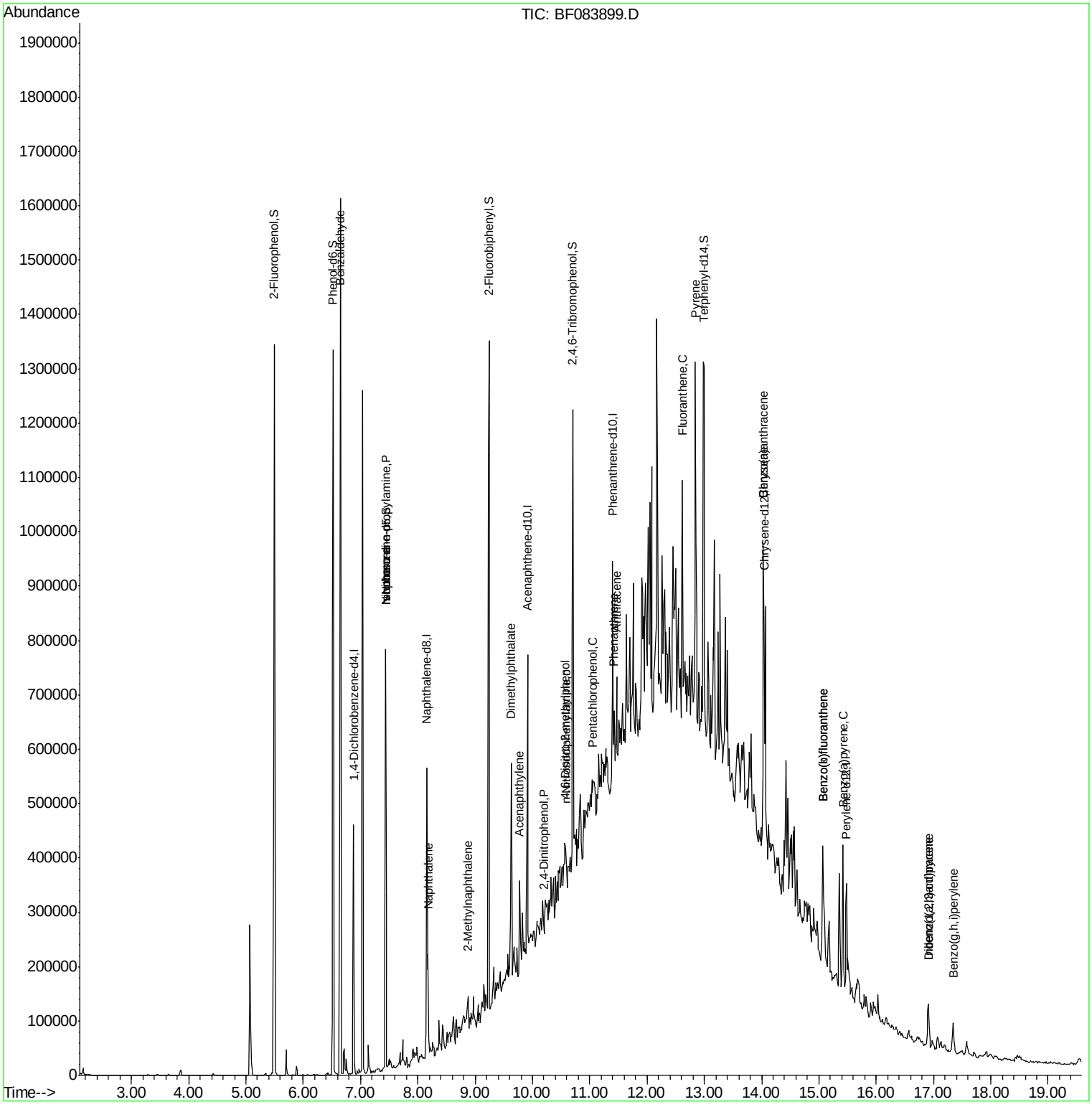
(#) = qualifier out of range (m) = manual integration (+) = signals summed

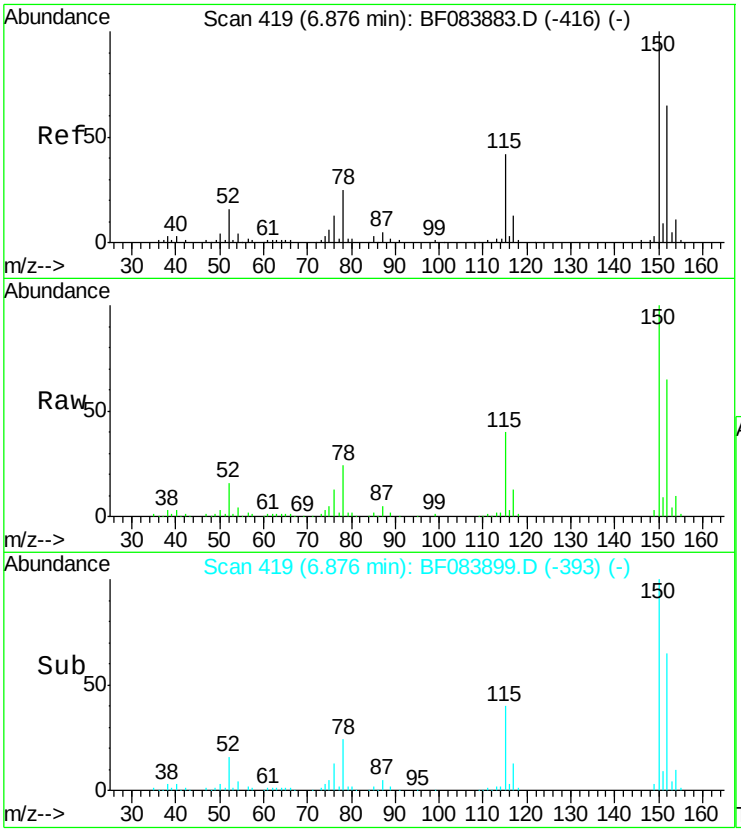
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083899.D
Acq On : 18 Dec 2015 6:12
Operator : UM/SJ
Sample : G4739-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Quant Time: Dec 18 06:47:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration



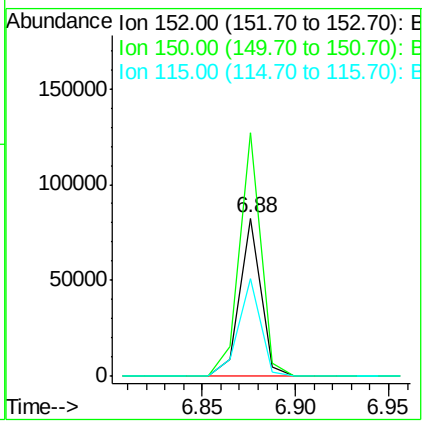


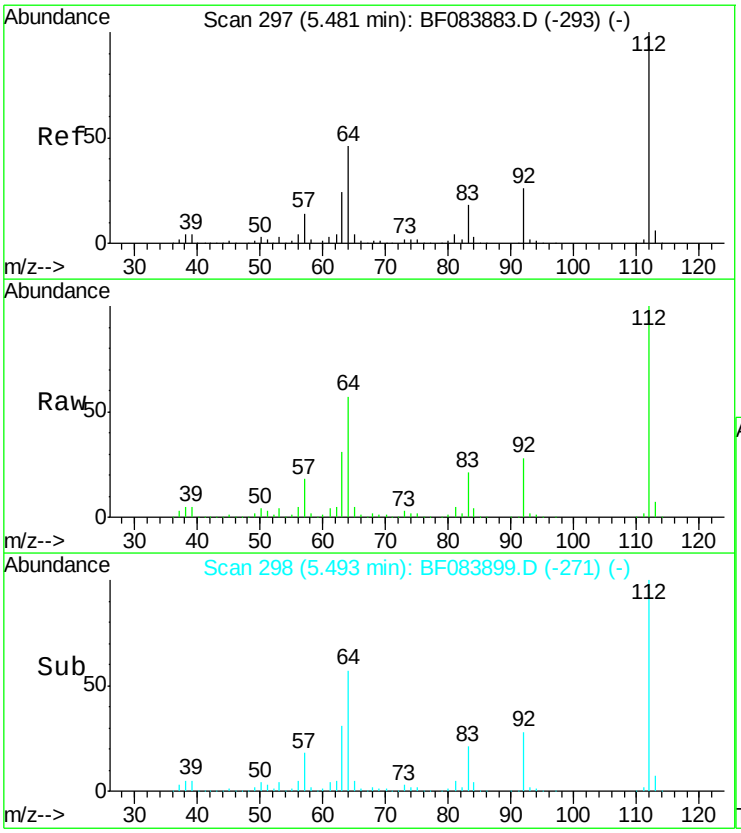
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:152 Resp: 66394

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.0	184.4
115	61.3	51.4	77.2

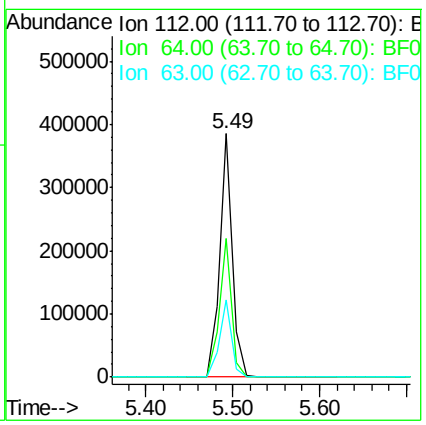


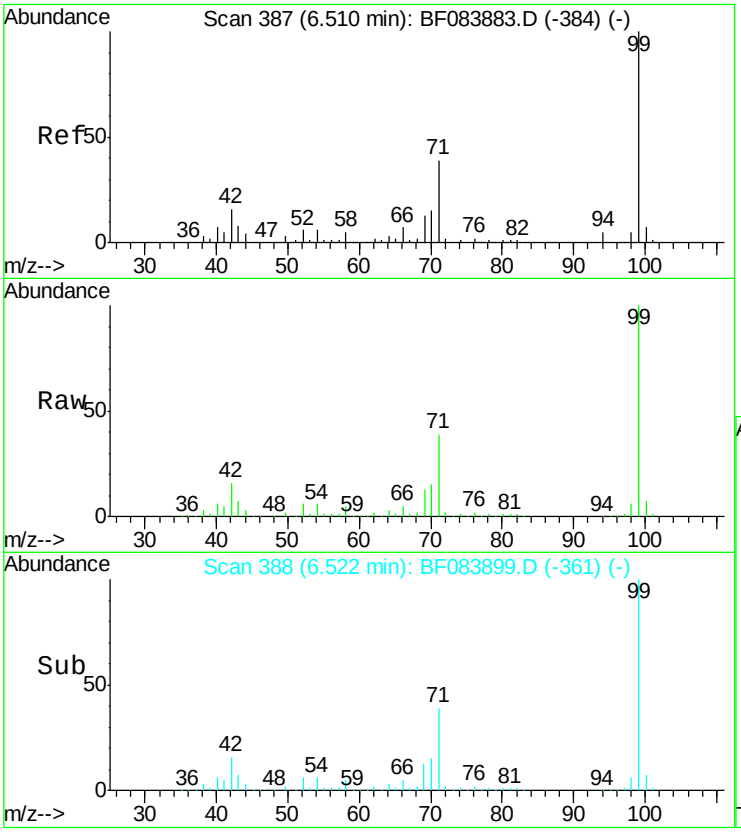


#5
2-Fluorophenol
Concen: 93.16 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:112 Resp: 395238

Ion	Ratio	Lower	Upper
112	100		
64	56.9	36.6	55.0#
63	31.5	19.4	29.0#



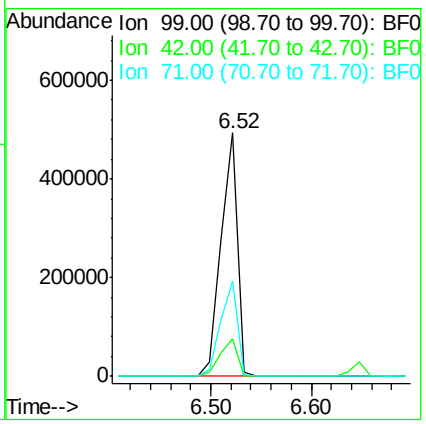


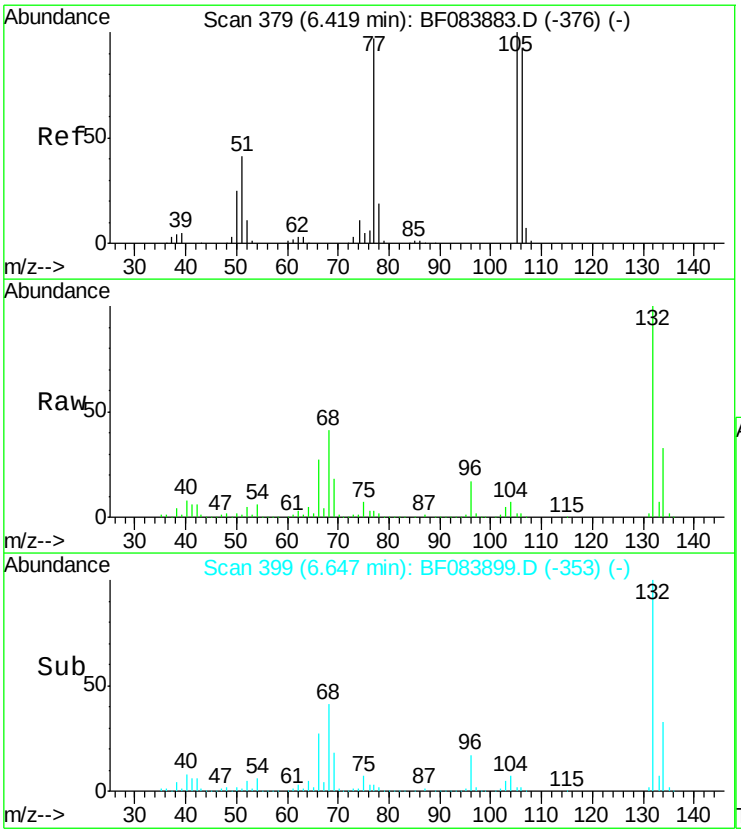
#7
Phenol-d6
Concen: 107.75 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion: 99 Resp: 559555

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.8	19.2
71	39.0	30.9	46.3

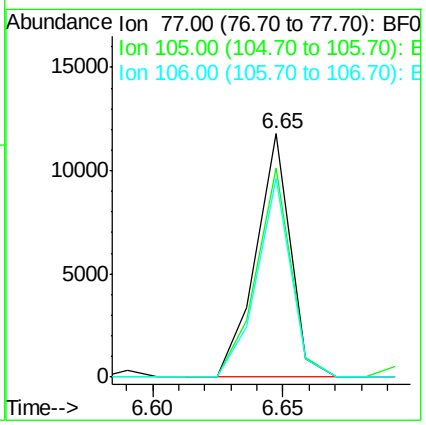


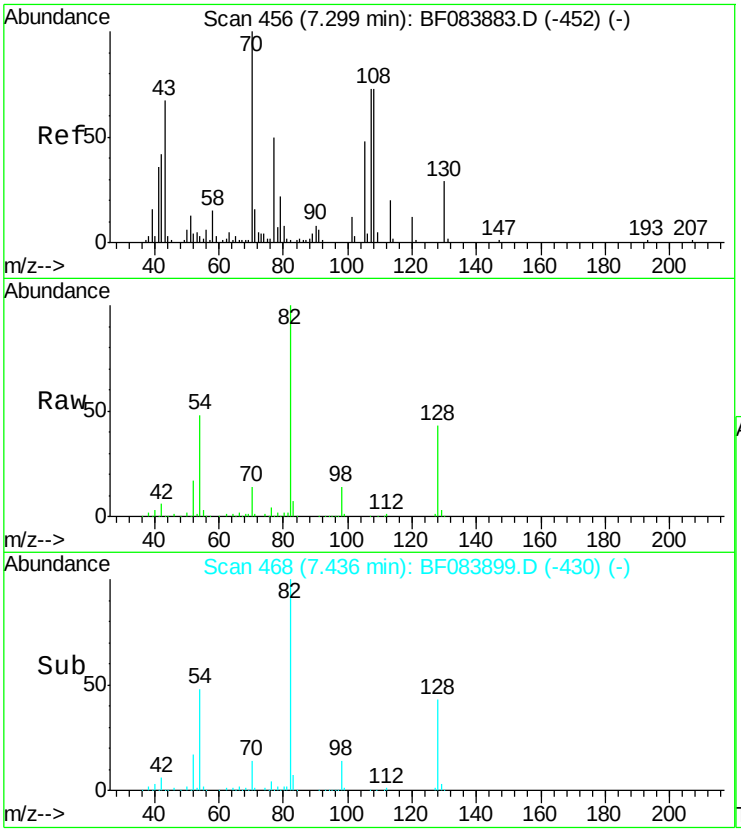


#9
Benzaldehyde
Concen: 3.51 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.23 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion: 77 Resp: 10995

Ion	Ratio	Lower	Upper
77	100		
105	86.0	83.0	123.0
106	81.7	74.6	114.6



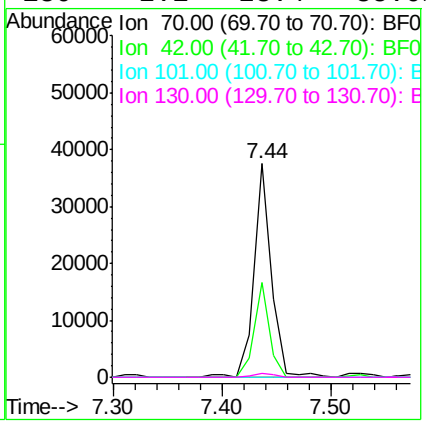


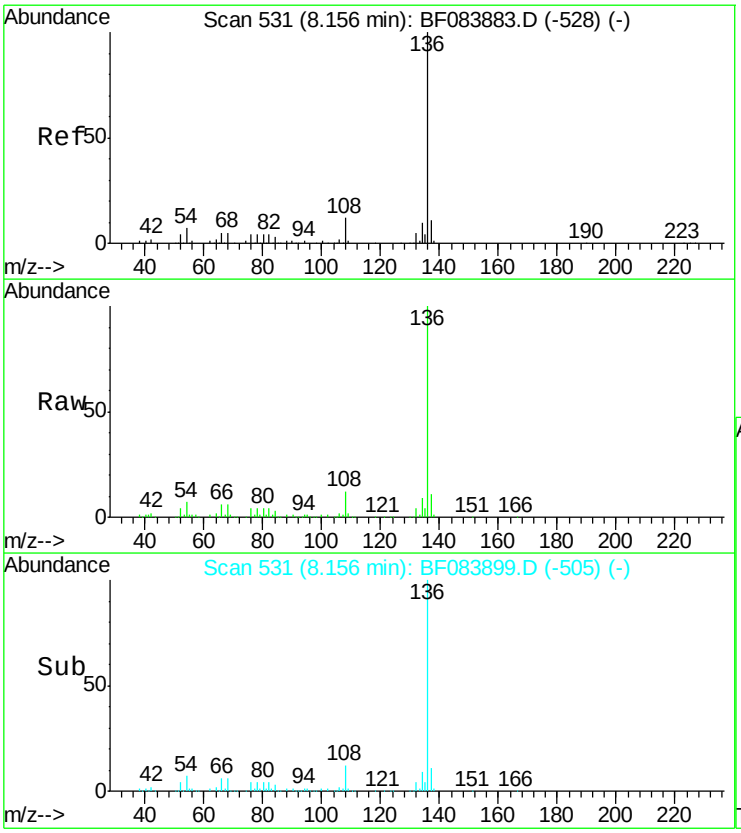
#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion: 70 Resp: 42207

Ion	Ratio	Lower	Upper
70	100		
42	44.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

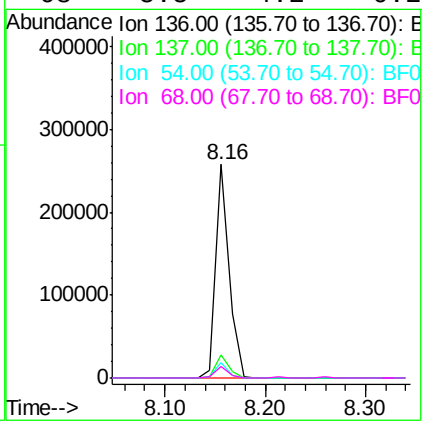


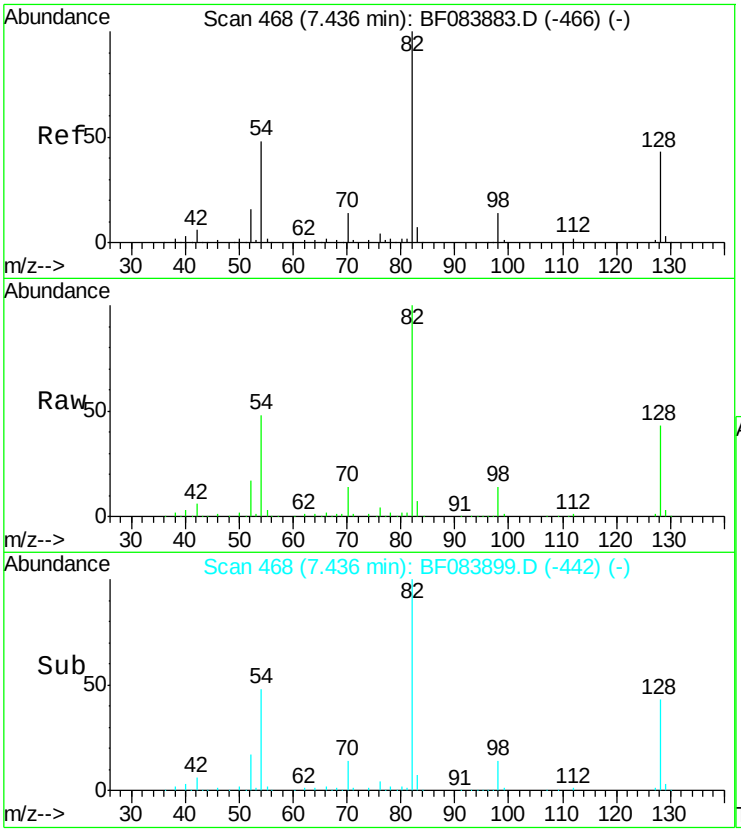


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:136 Resp: 238819

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.0	5.8	8.8
68	5.5	4.2	6.2



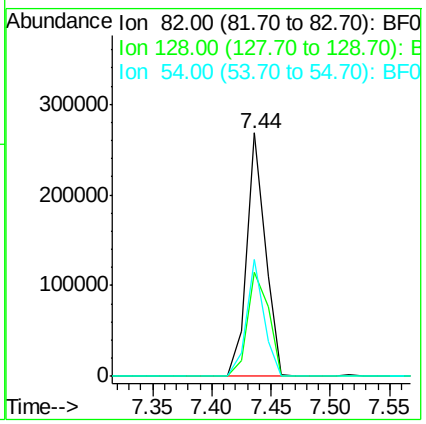


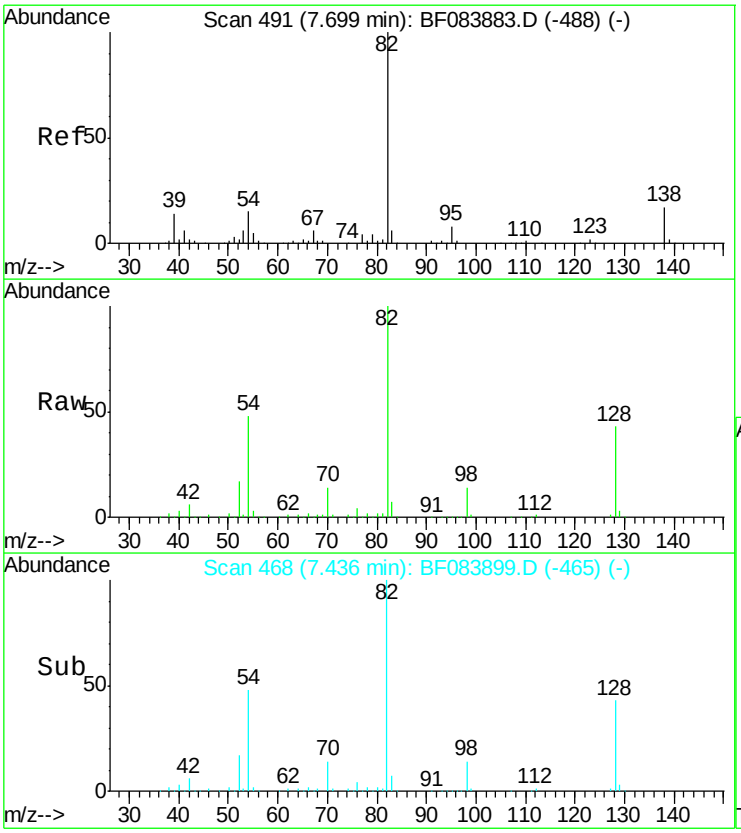
#23
Nitrobenzene-d5
Concen: 71.15 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion: 82 Resp: 297734

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	51.8
54	48.2	38.4	57.6

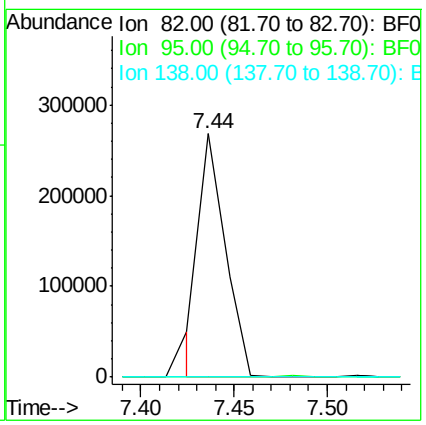


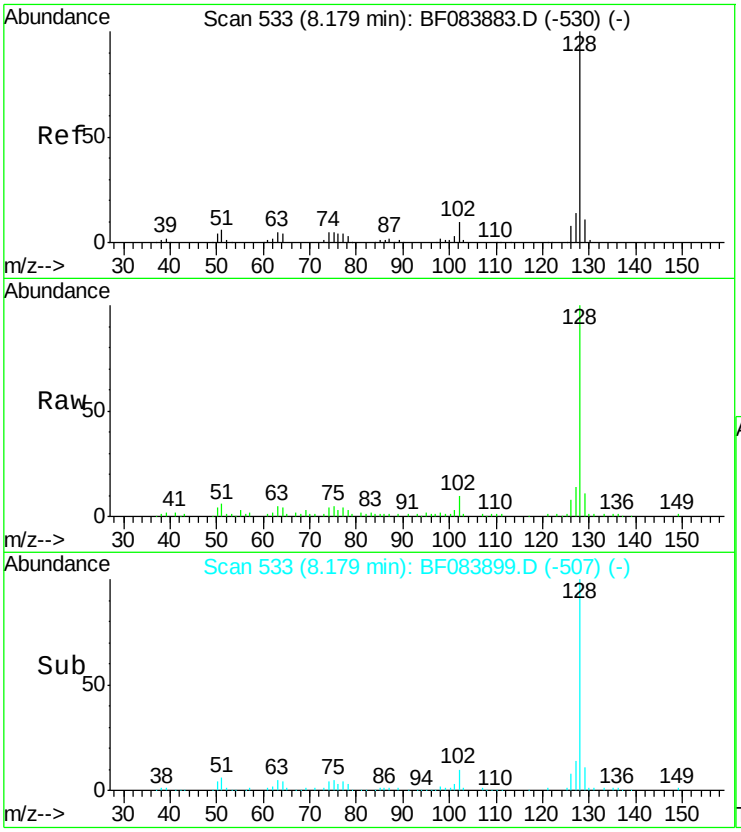


#25
Isophorone
Concen: 33.12 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.26 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion: 82 Resp: 260757

Ion	Ratio	Lower	Upper
82	100		
95	0.3	6.6	10.0#
138	0.0	13.6	20.4#



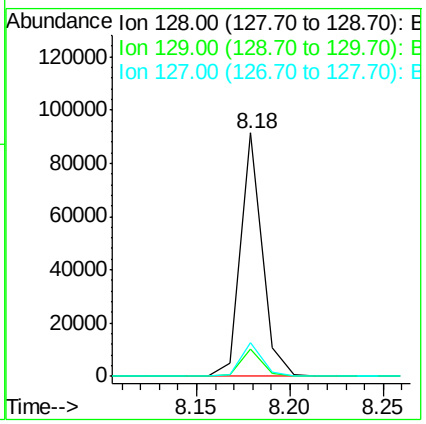


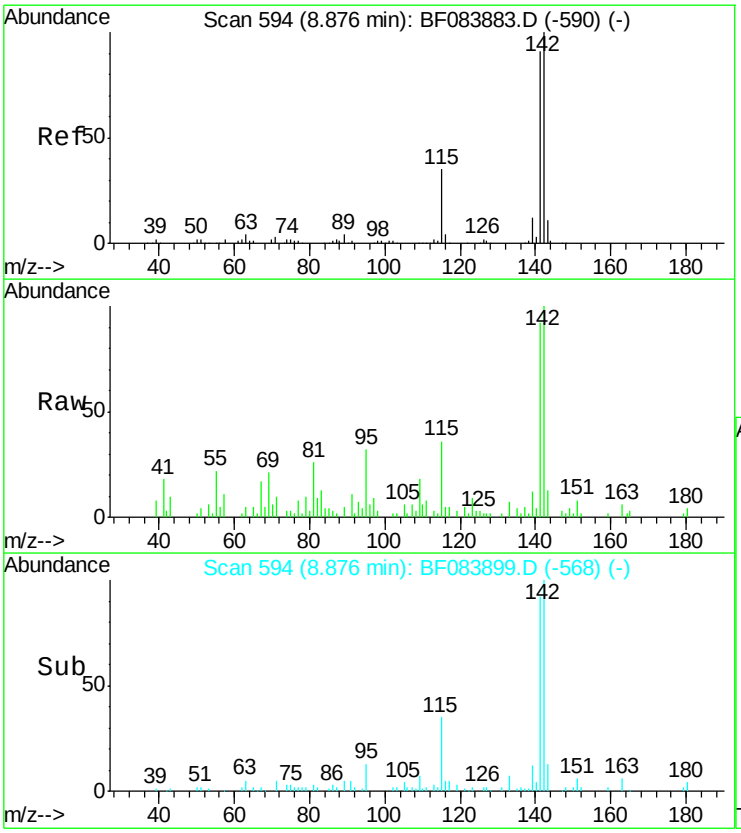
#31
Naphthalene
Concen: 4.15 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:128 Resp: 73952

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.9	11.1	16.7

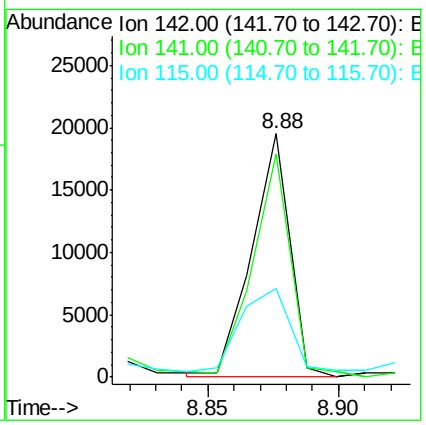


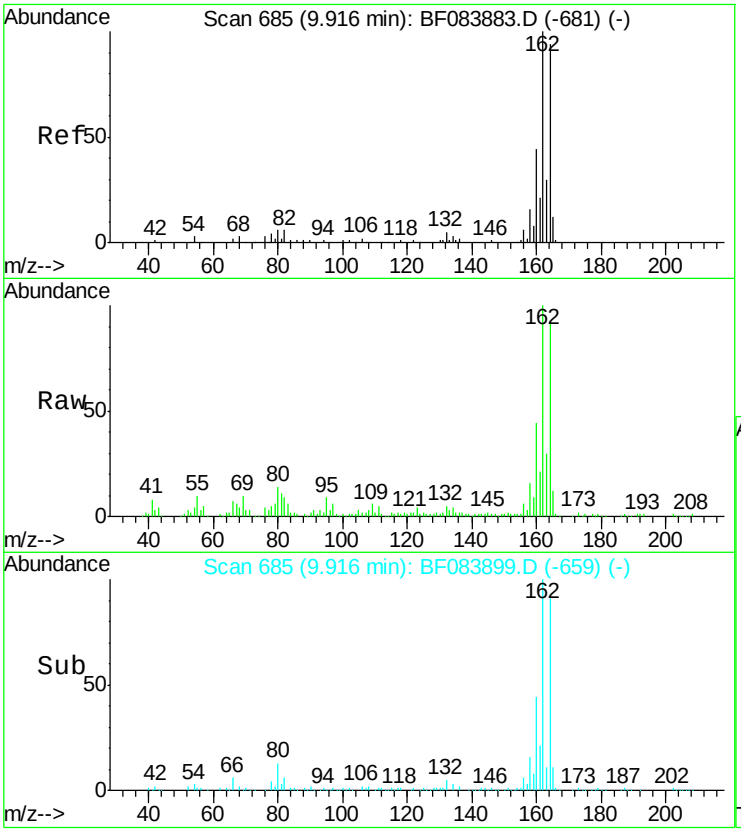


#37
2-Methylnaphthalene
Concen: 2.38 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:142 Resp: 19739

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.4	108.6
115	36.3	27.9	41.9



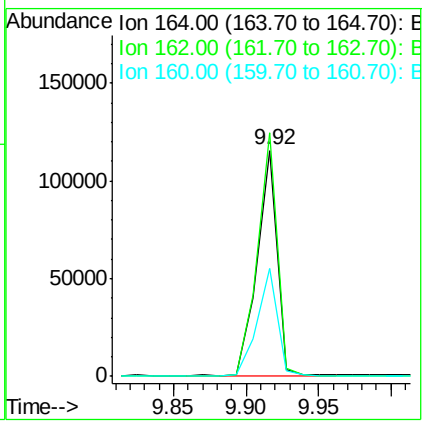


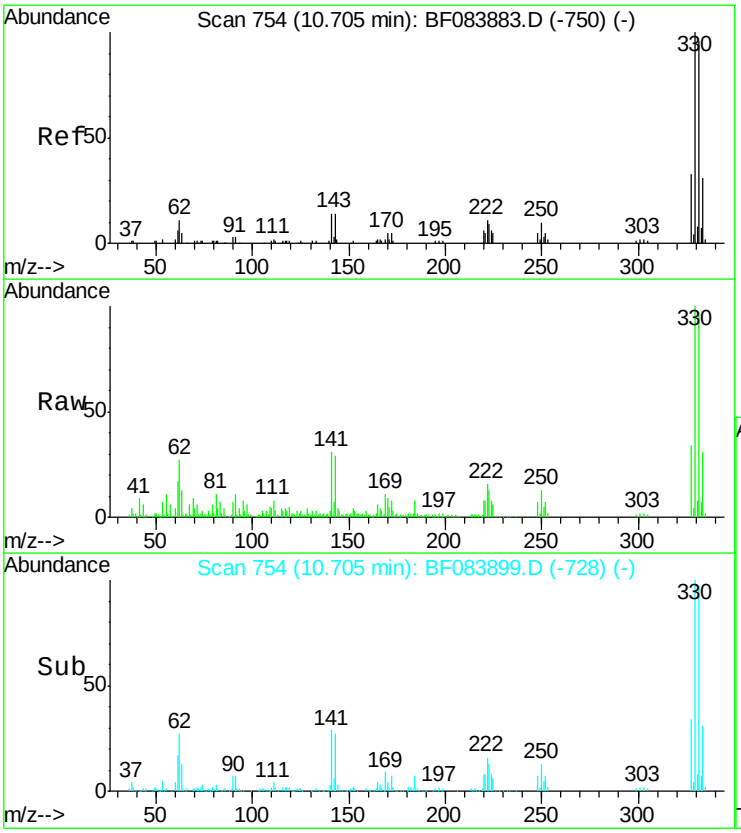
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:164 Resp: 108687

Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	47.7	37.5	56.3

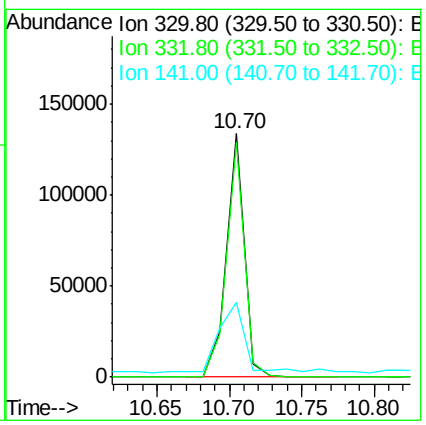


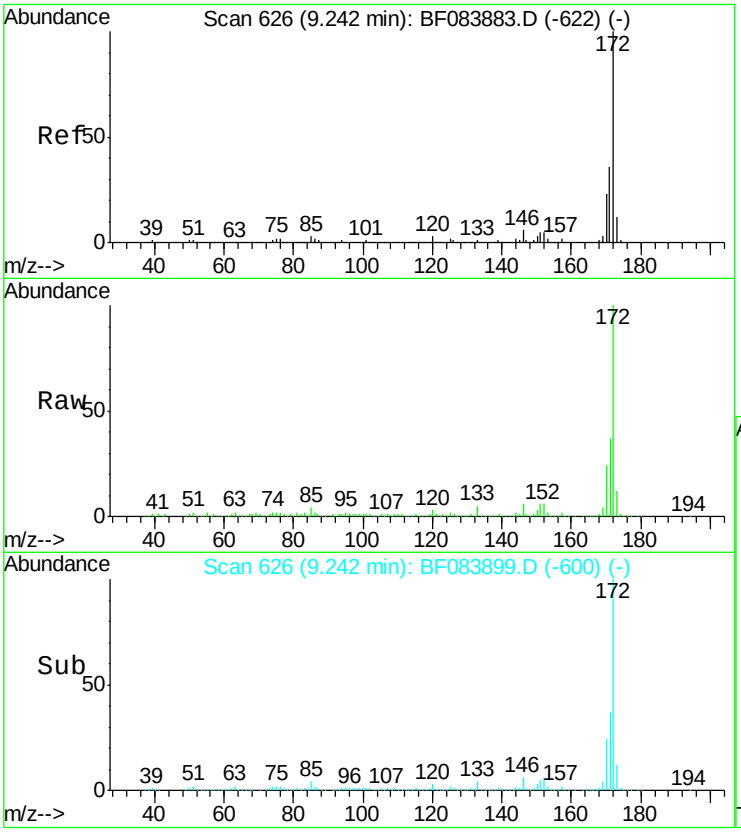


#41
2,4,6-Tribromophenol
Concen: 96.39 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:330 Resp: 115412

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	39.6	27.8	41.6



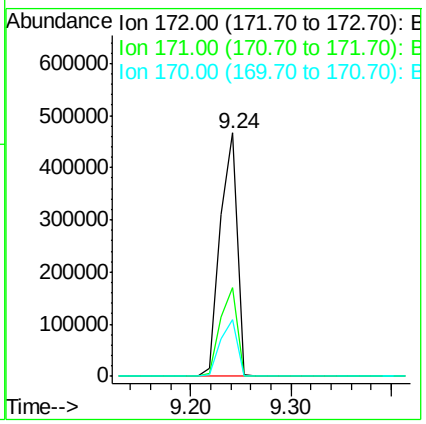


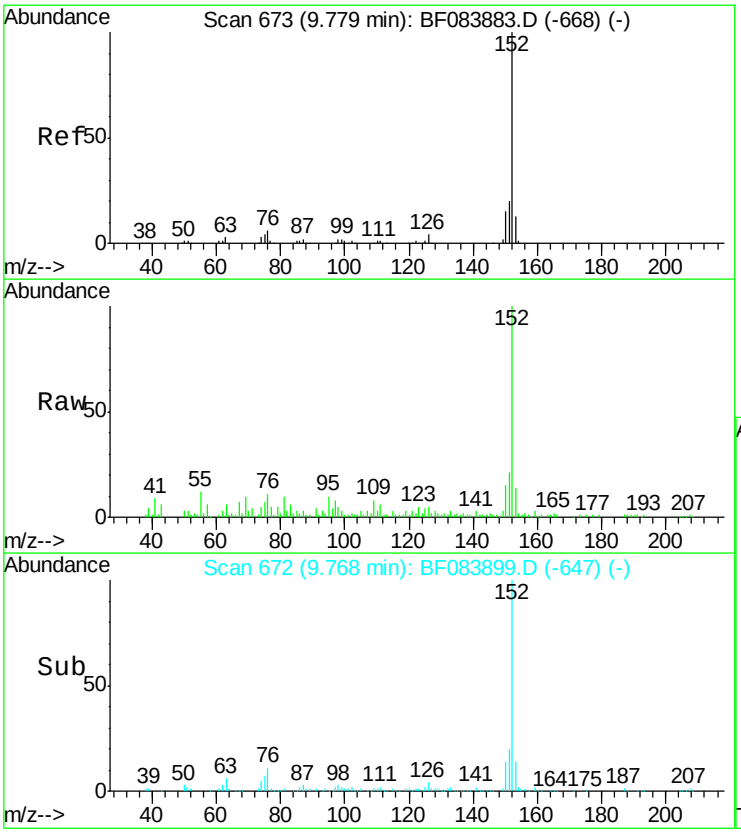
#44
2-Fluorobiphenyl
Concen: 68.64 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:172 Resp: 547703

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.6	18.6	27.8

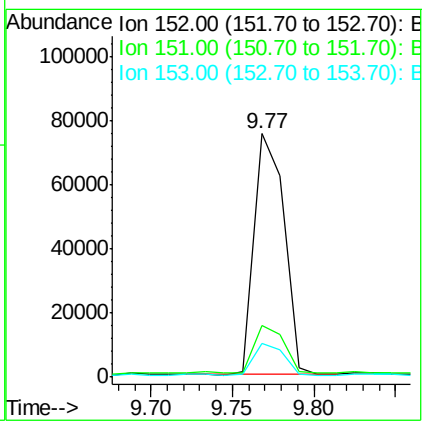


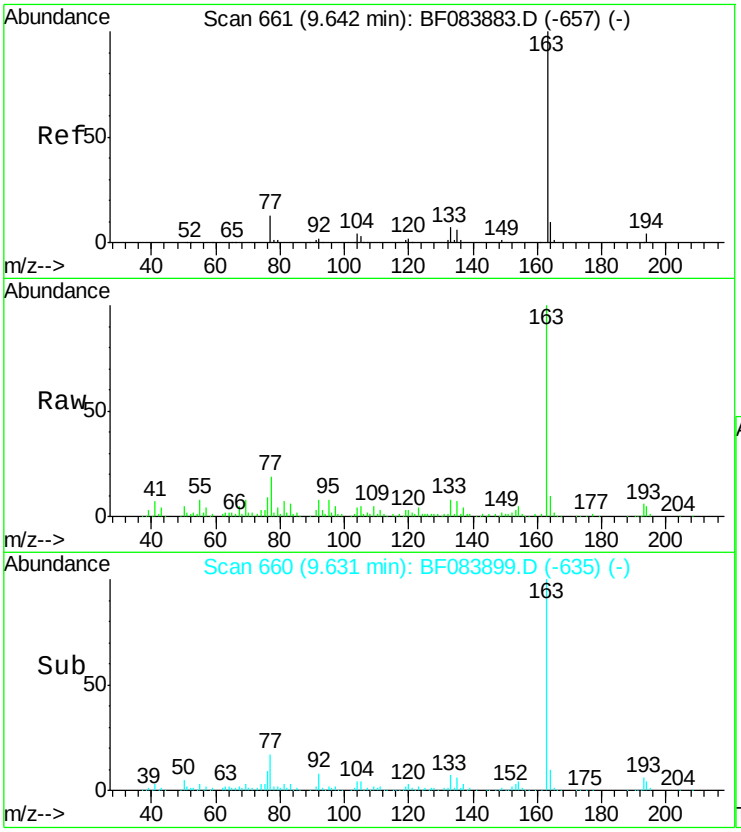


#48
Acenaphthylene
Concen: 7.64 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:152 Resp: 96828

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	14.0	10.4	15.6



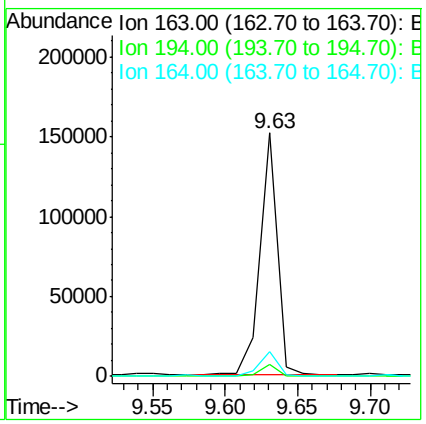


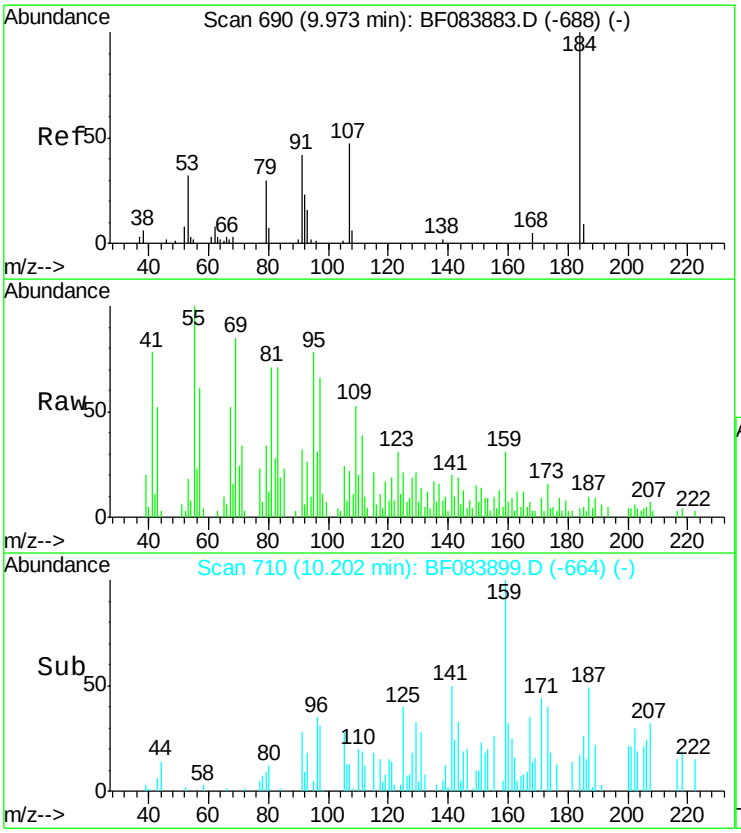
#49
Dimethylphthalate
Concen: 13.78 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:163 Resp: 125708

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	10.1	7.9	11.9

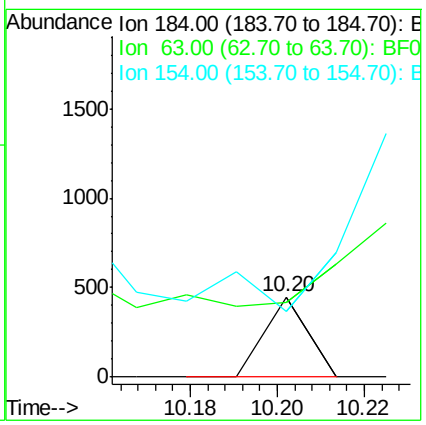


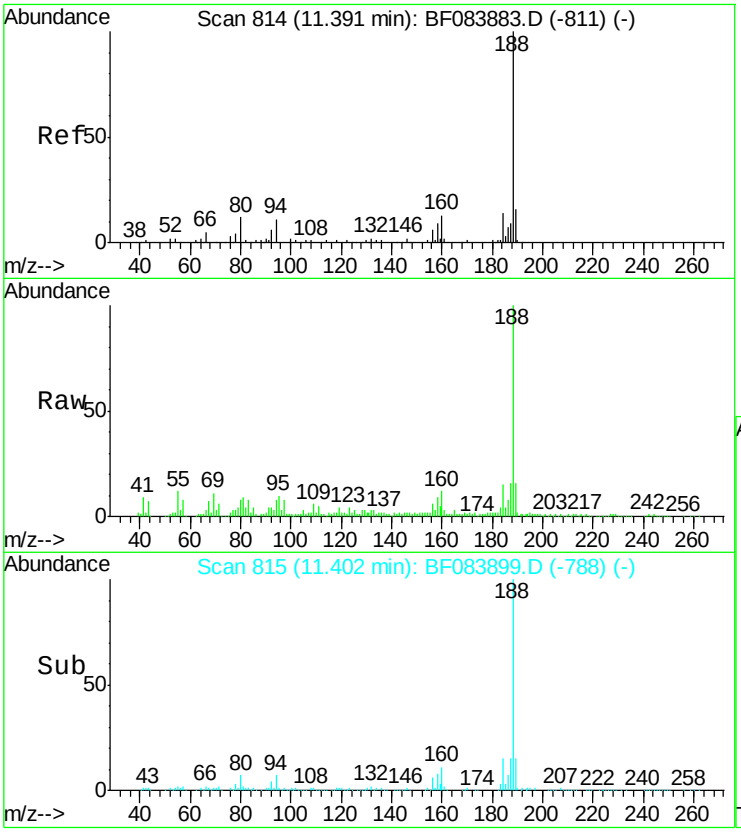


#53
2,4-Dinitrophenol
Concen: 10.67 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.23 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:184 Resp: 306

Ion	Ratio	Lower	Upper
184	100		
63	93.7	43.1	64.7#
154	81.9	60.5	90.7



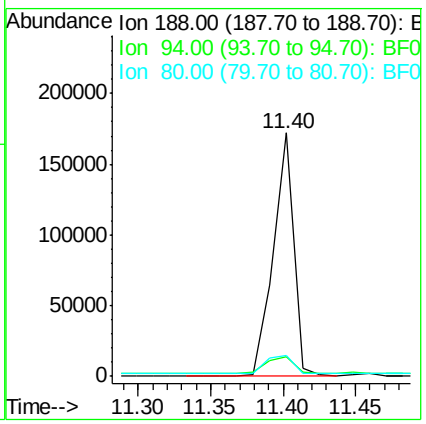


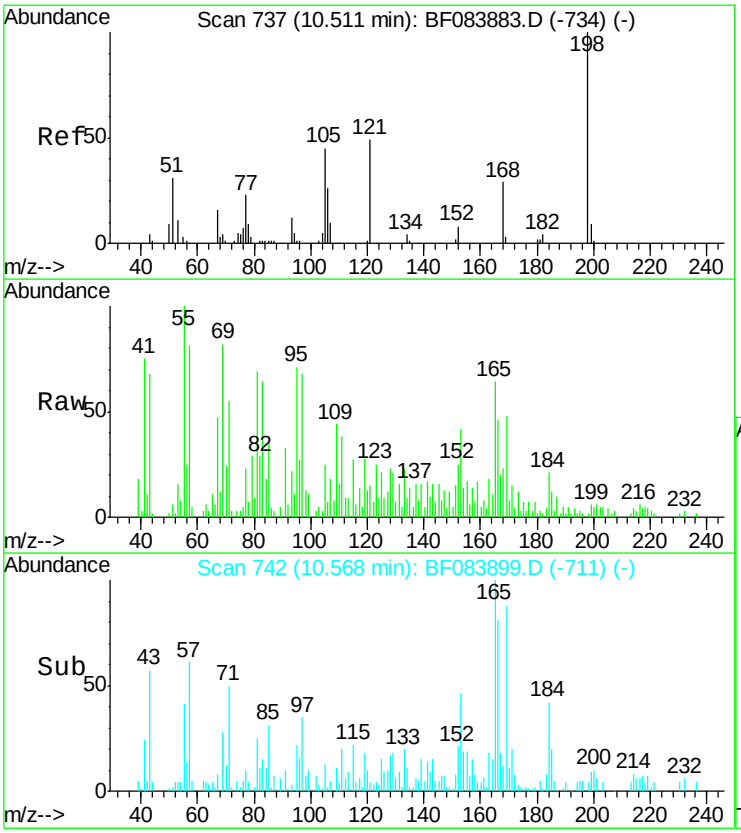
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:188 Resp: 167014

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.0	13.4#
80	8.3	9.6	14.4#

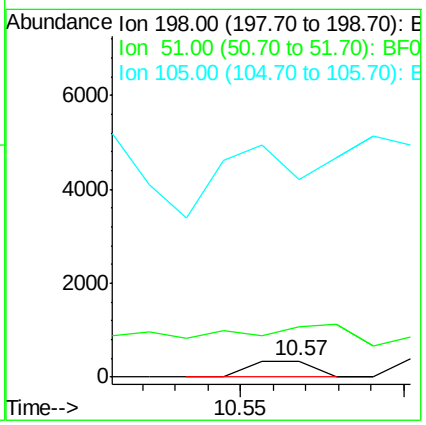


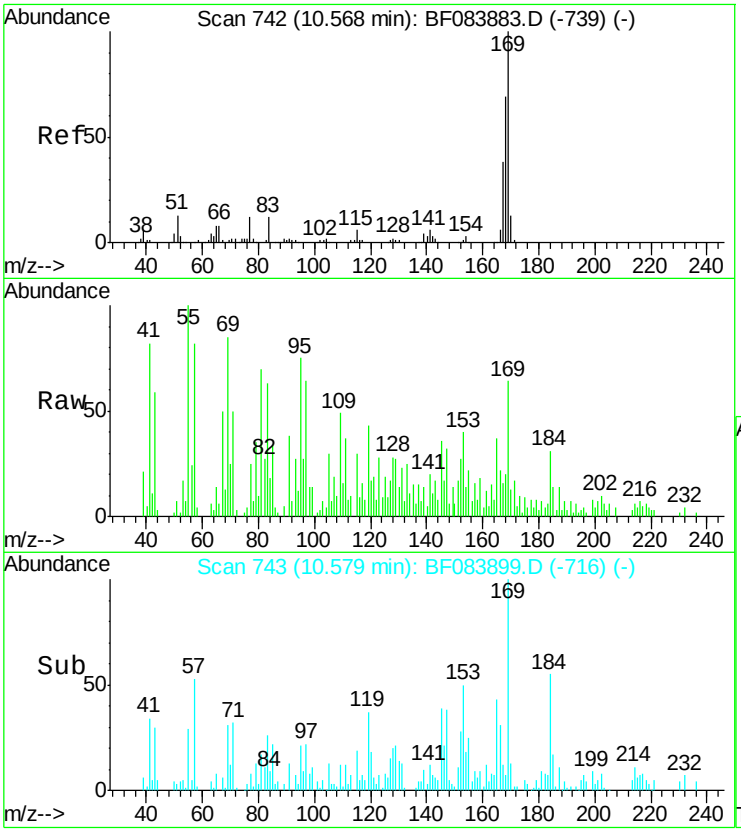


#64
4,6-Dinitro-2-methylphenol
Concen: 4.34 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.06 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:198 Resp: 461

Ion	Ratio	Lower	Upper
198	100		
51	313.9	18.9	58.9#
105	1240.7	26.4	66.4#



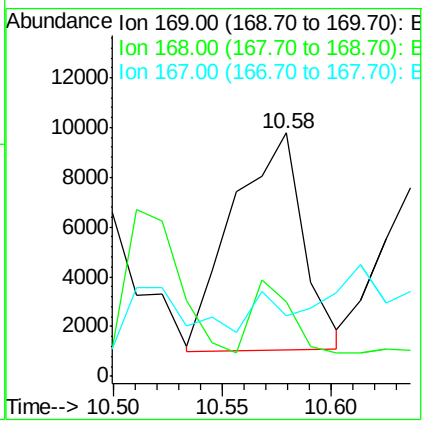


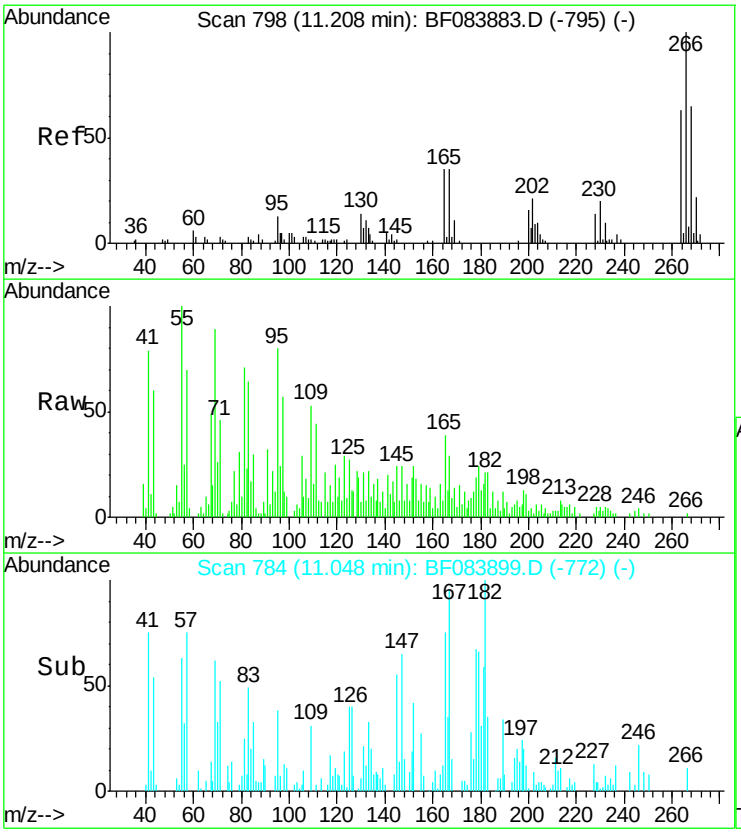
#65
n-Nitrosodiphenylamine
Concen: 3.26 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:169 Resp: 19788

Ion	Ratio	Lower	Upper
169	100		
168	30.9	55.1	82.7#
167	24.8	30.0	45.0#

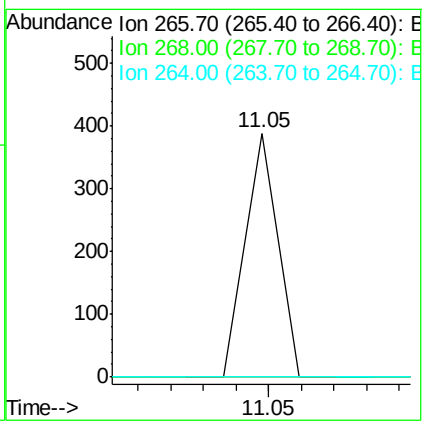


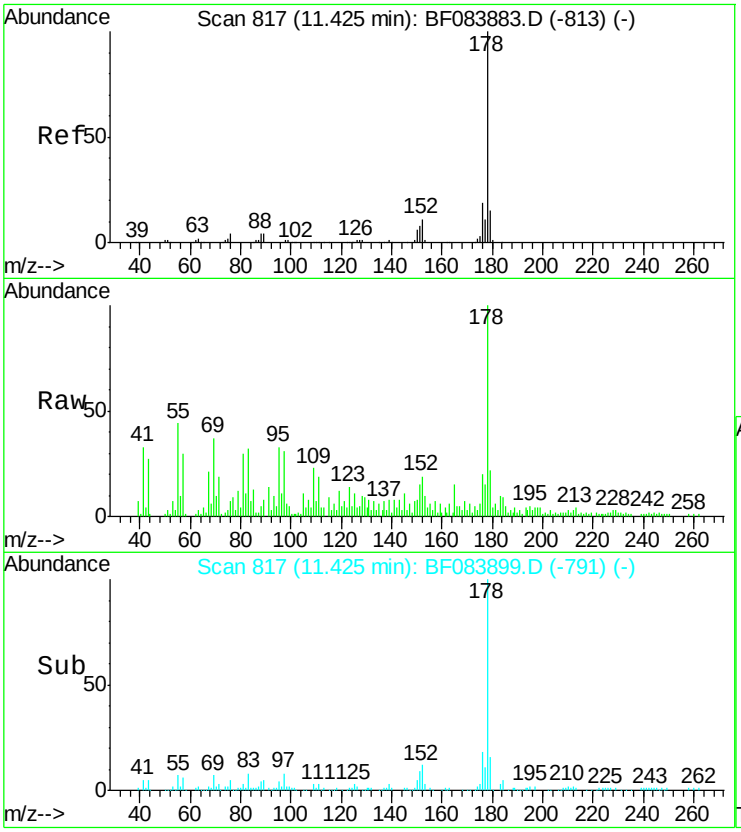


#69
Pentachlorophenol
Concen: 4.99 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.16 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:266 Resp: 266

Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.4	78.6#
264	0.0	50.2	75.2#



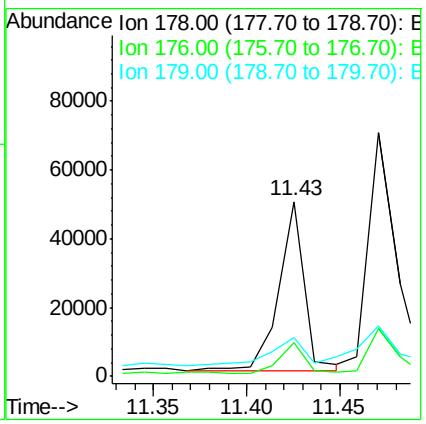


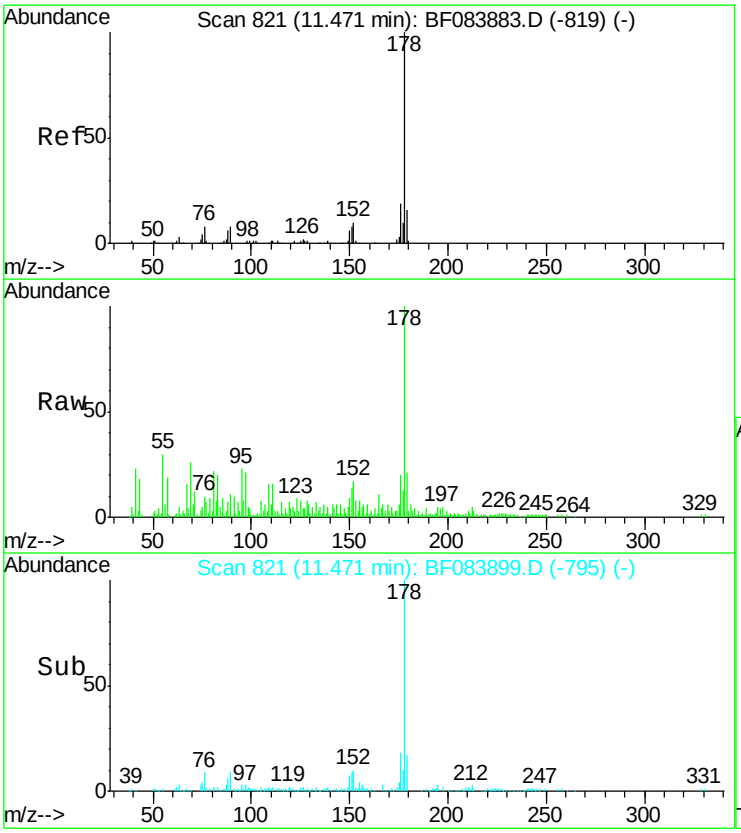
#70
Phenanthrene
Concen: 4.62 ng
RT: 11.43 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:178 Resp: 46651

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	22.4	12.0	18.0#

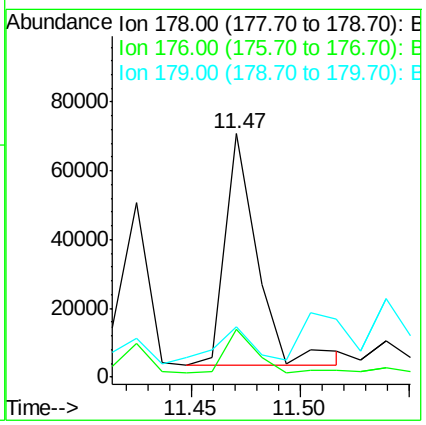


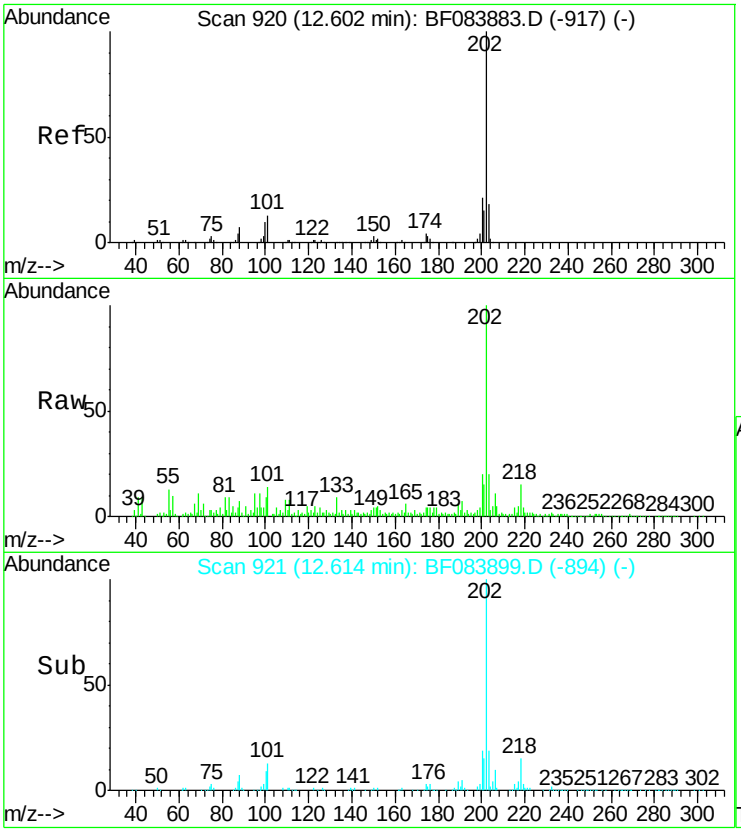


#71
Anthracene
Concen: 7.17 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:178 Resp: 69968

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	20.5	12.5	18.7#



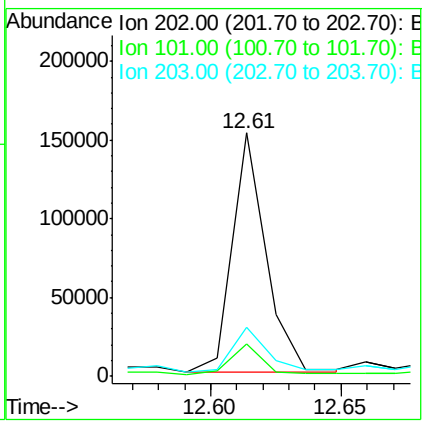


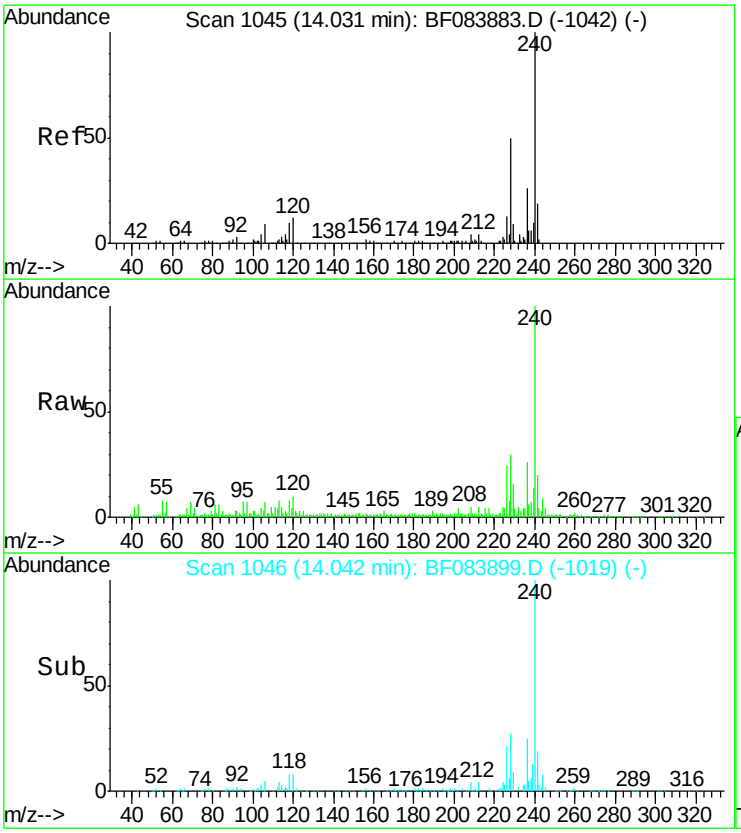
#74
Fluoranthene
Concen: 13.56 ng
RT: 12.61 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:202 Resp: 136540

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.8
203	20.4	0.0	37.9

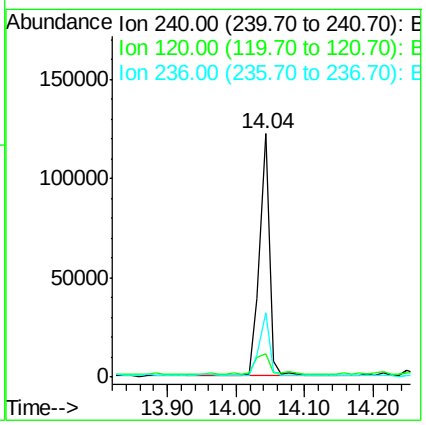


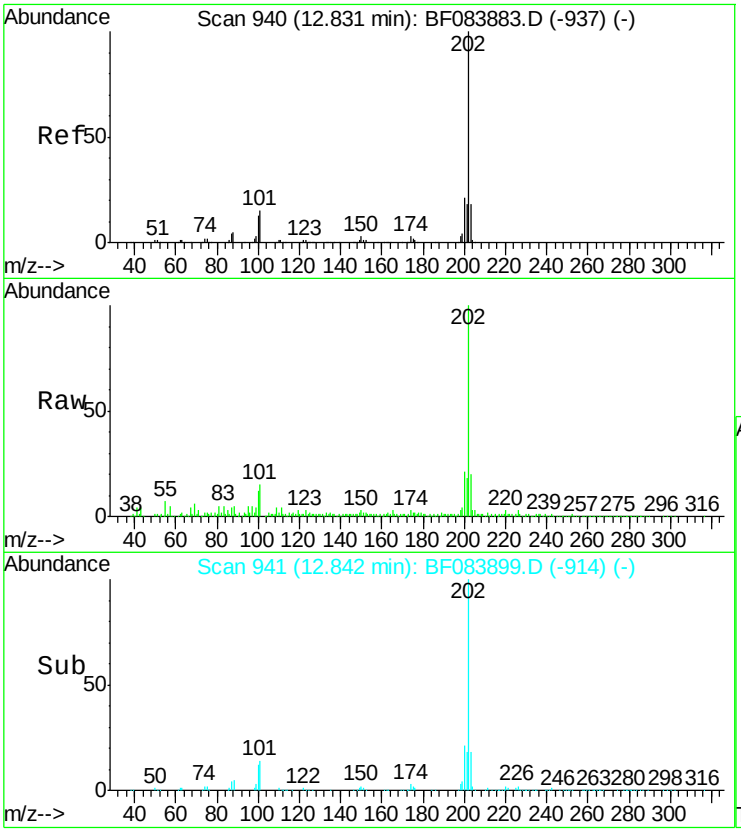


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:240 Resp: 121274

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.3	20.6	31.0



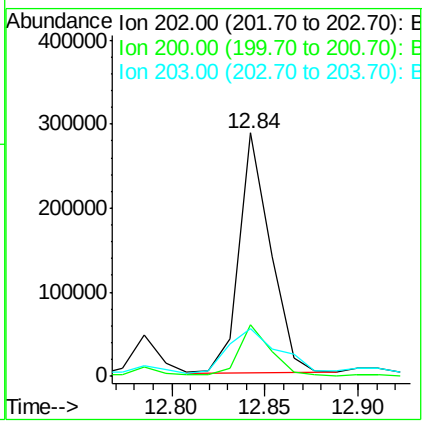


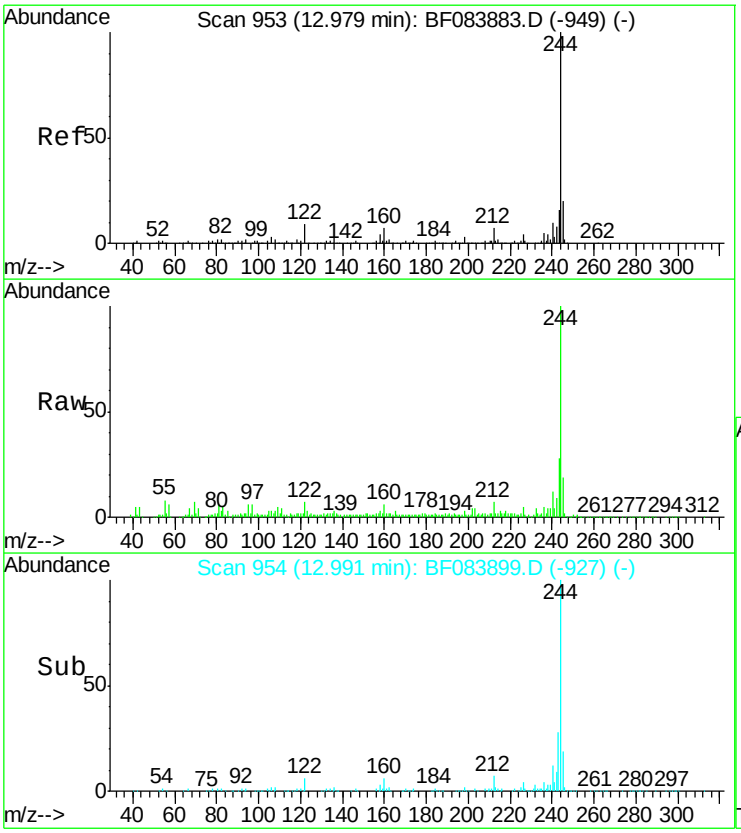
#77
Pyrene
Concen: 43.44 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:202 Resp: 334242

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	19.7	14.3	21.5

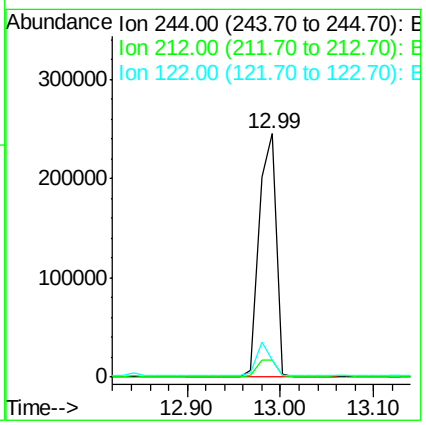


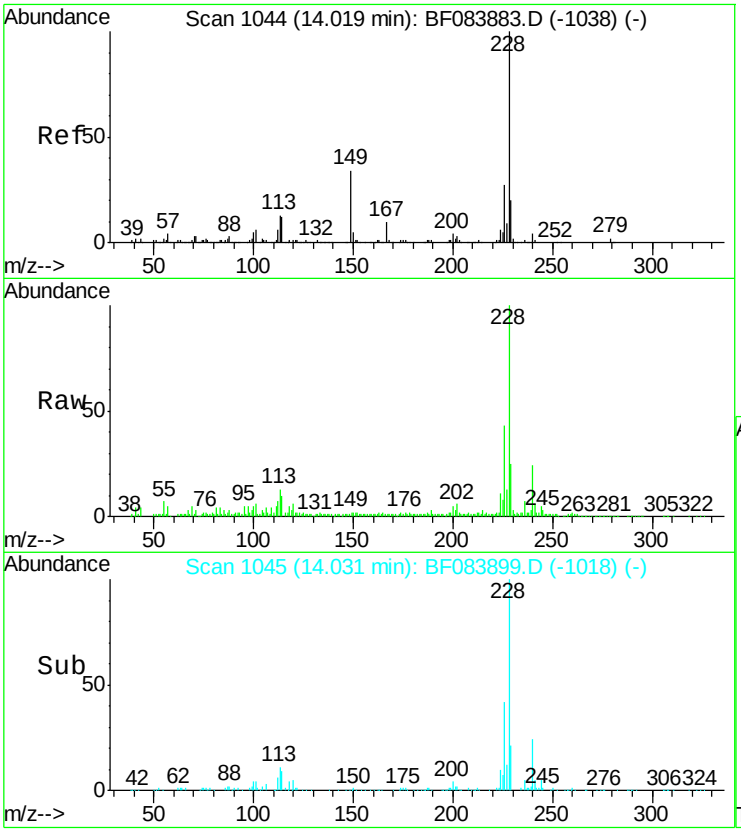


#78
Terphenyl-d14
Concen: 59.32 ng
RT: 12.99 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:244 Resp: 317508

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	6.9	7.4	11.0#



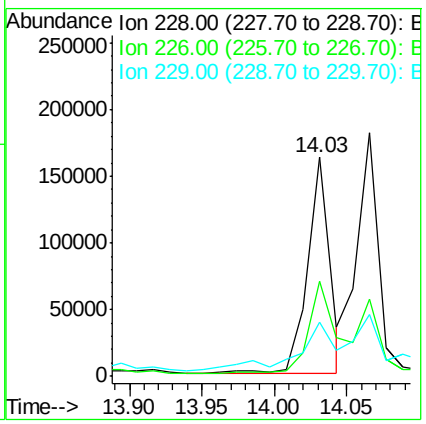


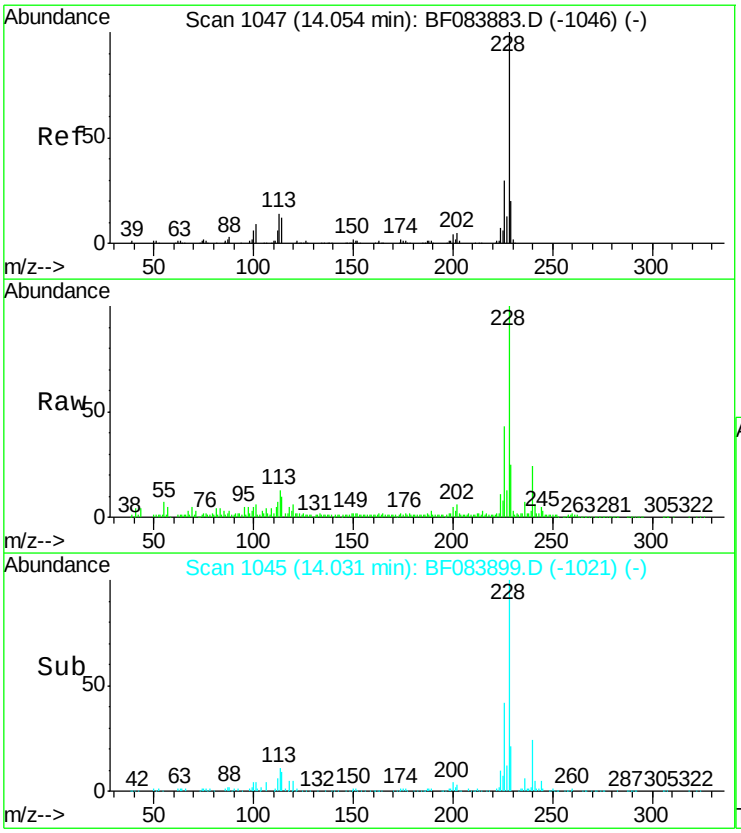
#80
Benzo(a)anthracene
Concen: 23.22 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:228 Resp: 173121

Ion	Ratio	Lower	Upper
228	100		
226	43.3	21.8	32.6#
229	24.8	15.8	23.8#

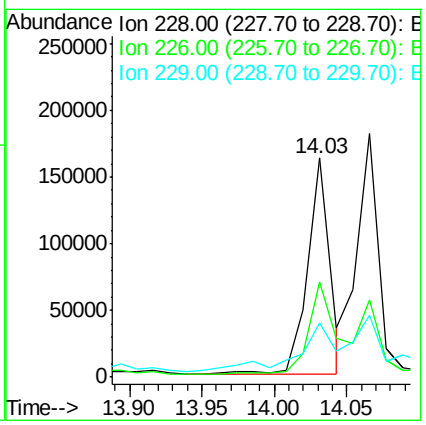


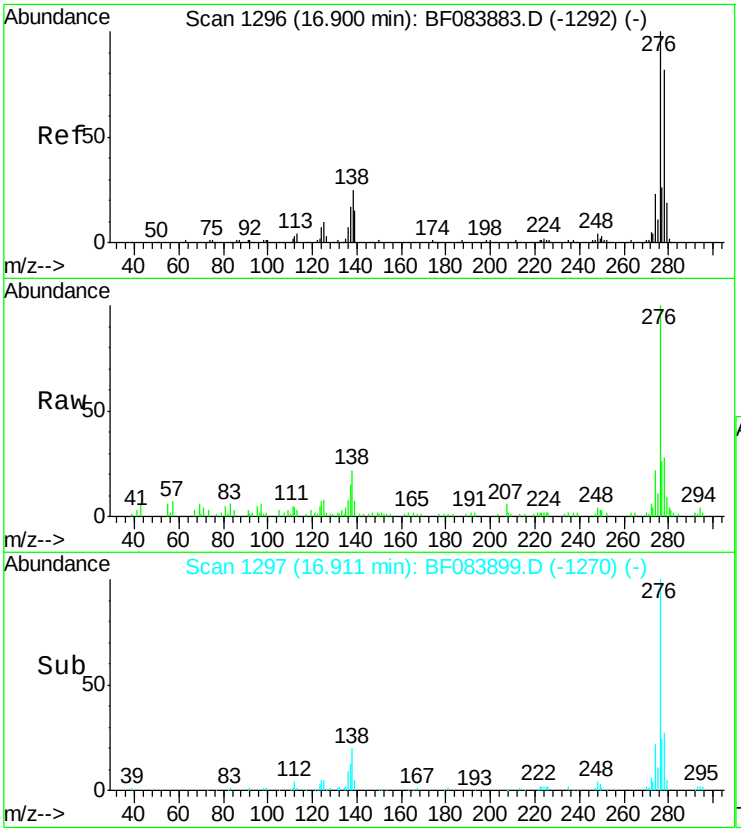


#82
Chrysene
Concen: 24.04 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:228 Resp: 173121

Ion	Ratio	Lower	Upper
228	100		
226	43.3	24.3	36.5#
229	24.8	16.1	24.1#



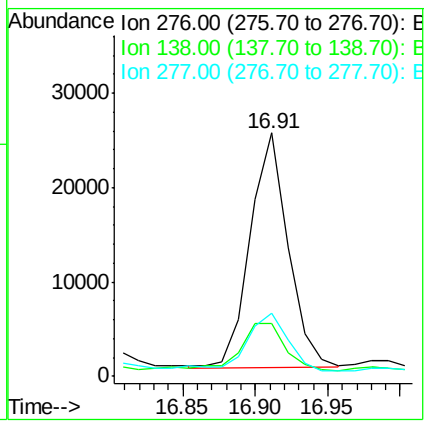


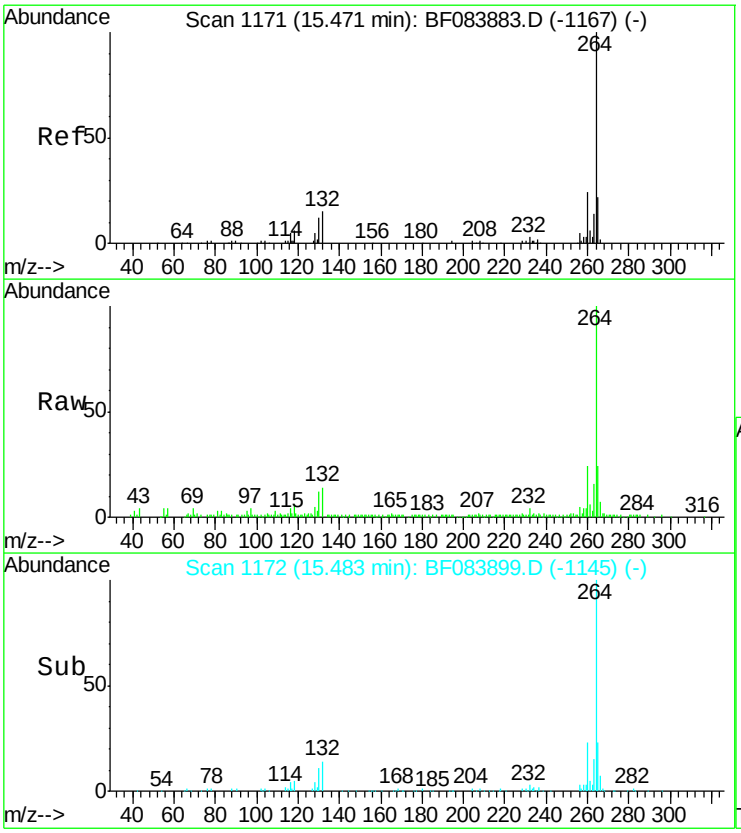
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.35 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:276 Resp: 44997

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.6	30.8
277	27.9	20.1	30.1

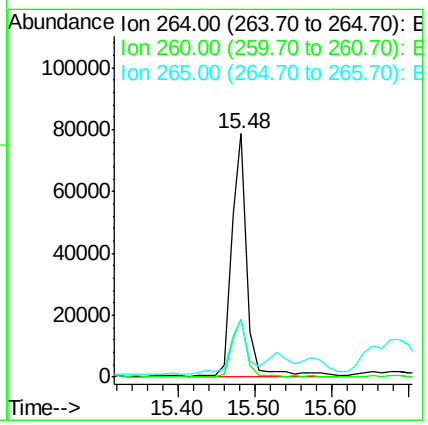


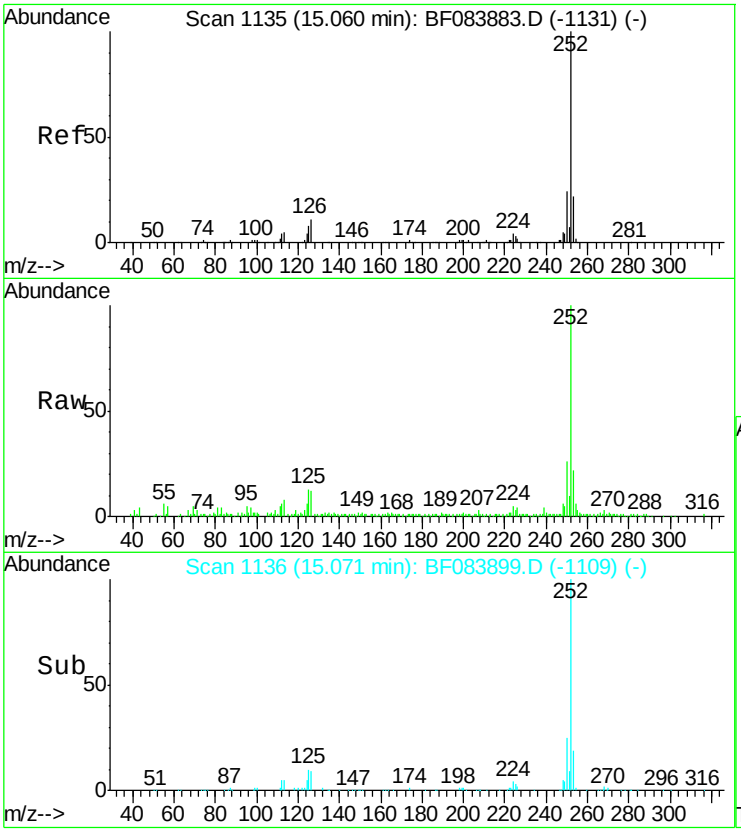


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:264 Resp: 110160

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	24.0	17.8	26.6



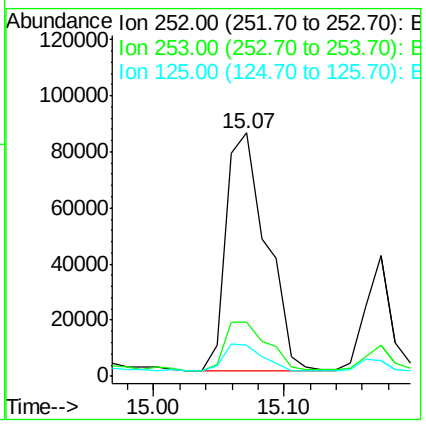


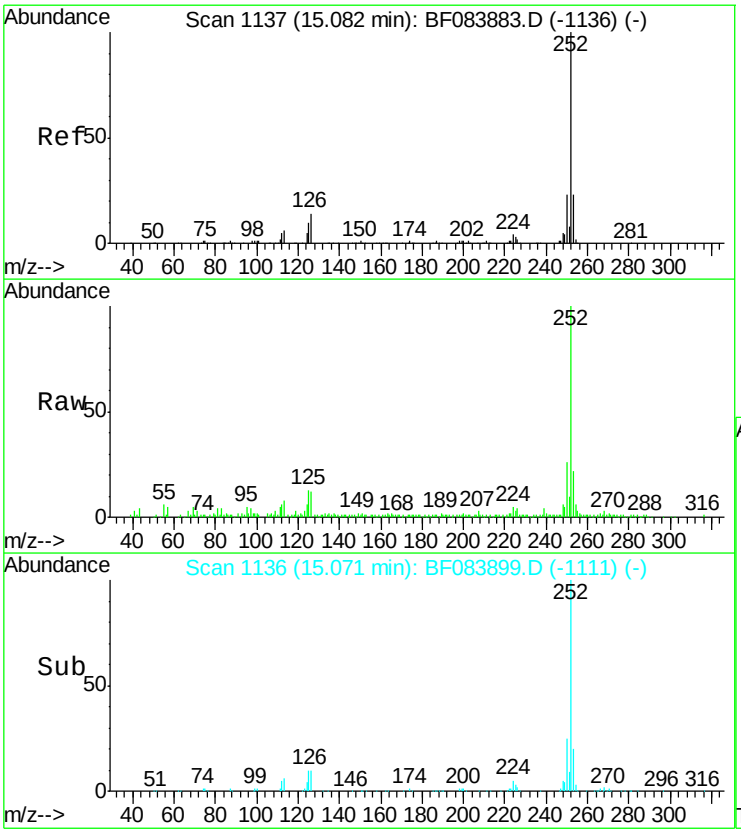
#87
Benzo(b)fluoranthene
Concen: 22.84 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:252 Resp: 183471

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	12.8	6.5	9.7#

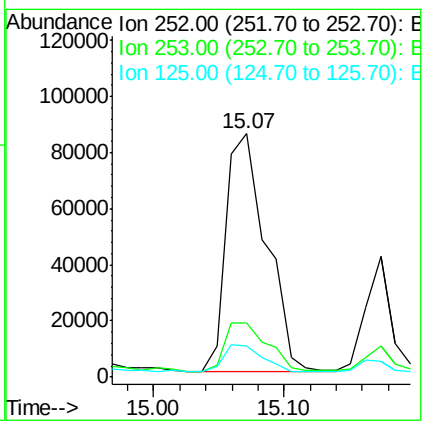


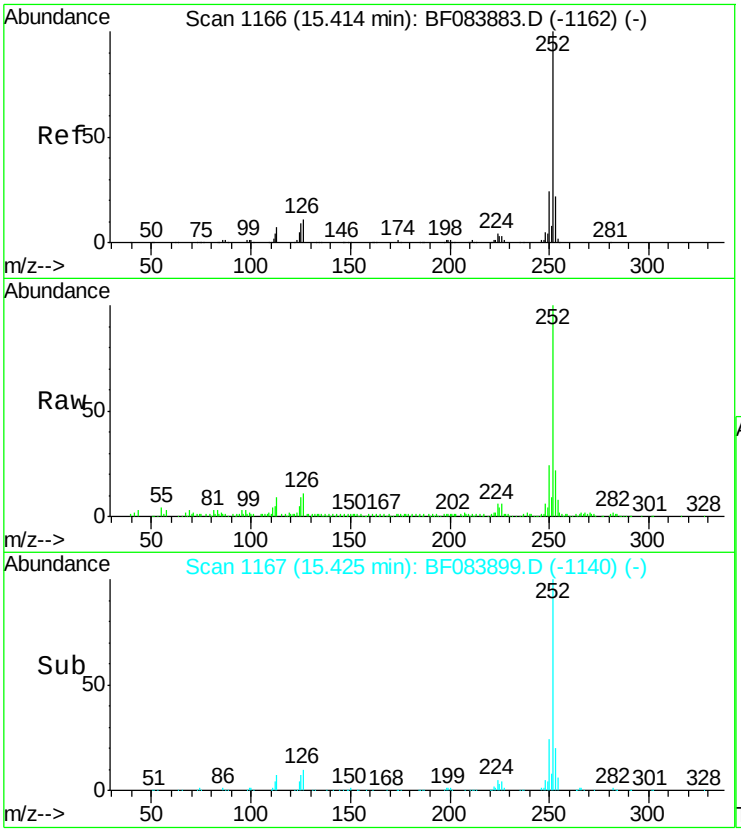


#88
Benzo(k)fluoranthene
Concen: 27.69 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:252 Resp: 183471

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.8	9.0	13.6



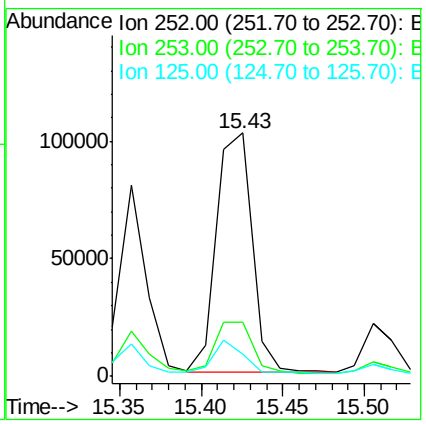


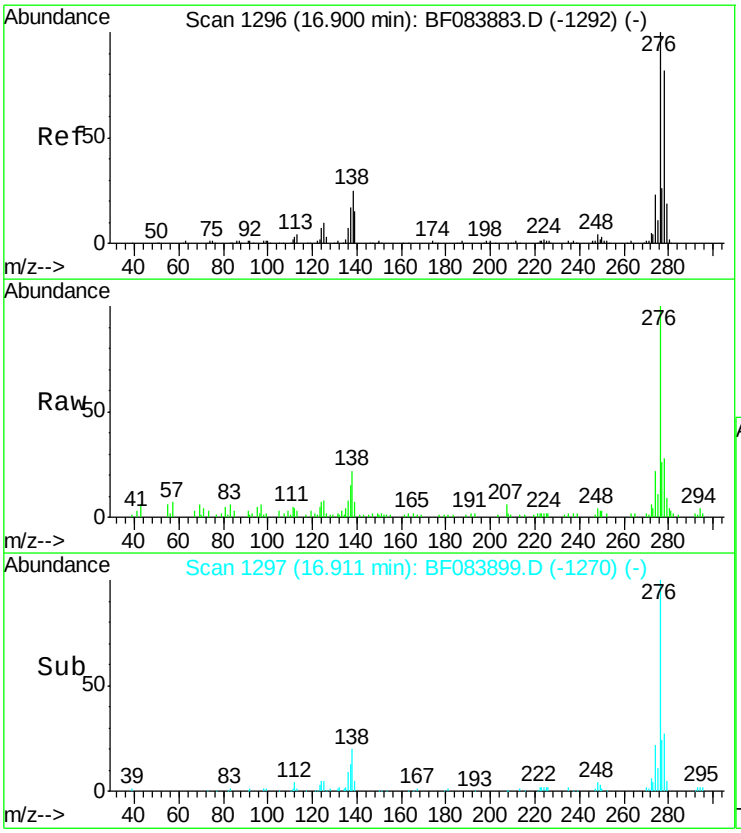
#89
Benzo(a)pyrene
Concen: 23.08 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:252 Resp: 153085

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.1	7.0	10.4

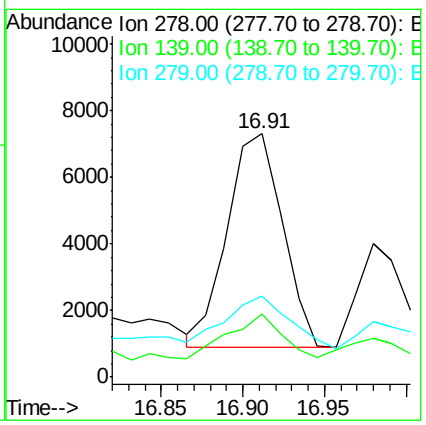


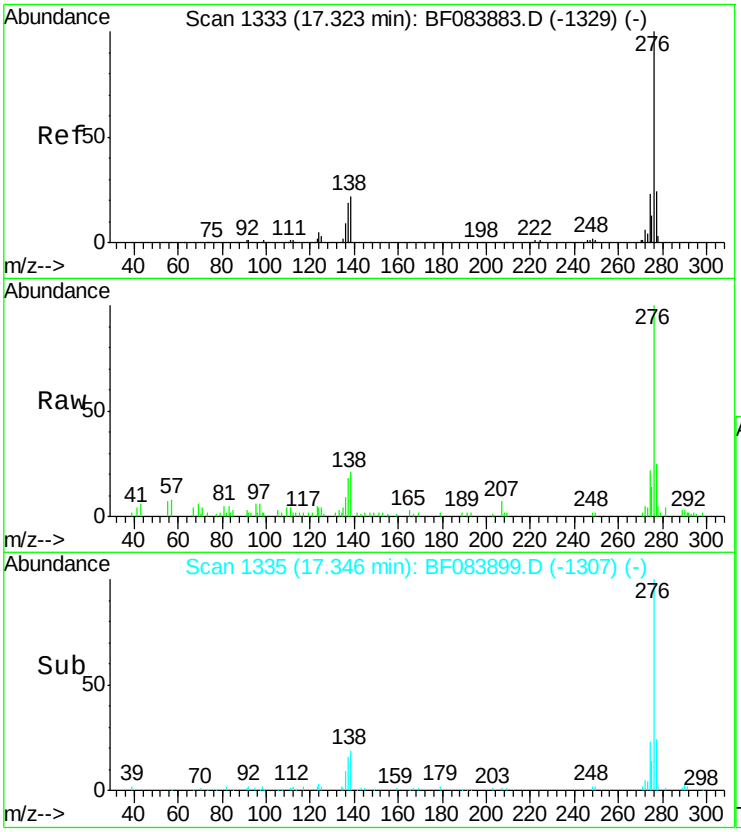


#90
Dibenzo(a,h)anthracene
Concen: 2.92 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Tgt Ion:278 Resp: 15062

Ion	Ratio	Lower	Upper
278	100		
139	25.8	15.0	22.4#
279	33.3	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 9.89 ng
RT: 17.35 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF083899.D
Acq: 18 Dec 2015 6:12

Instrument :
BNA_F
ClientSampleId :
K201-27-28

Tgt Ion:276 Resp: 49999

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	20.7	17.8	26.6