Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088007.D
Acq On : 14 Jun 2016 19:30
Operator : UM/SJ
Sample : H3467-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HF-20-WC-1

Quant Time: Jun 15 03:56:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101316	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	427148	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	193350	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	373973	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	248579	20.00	ng		-0.02
86) Perylene-d12	15.34	264	213976	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	843278	142.29	ng		0.00
7) Phenol-d6	6.42	99	934971	130.17	ng		-0.01
23) Nitrobenzene-d5	7.35	82	603111	82.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	237282	116.23	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1097504	89.46	ng		-0.01
78) Terphenyl-d14	12.89	244	780800	71.48	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.43	94	7636	Below Cal		#	51
19) n-Nitroso-di-n-propylamine	7.35	70	80784	17.58	ng	#	71
45) 1,1'-Biphenyl	9.24	154	1008	Below Cal			87
49) Dimethylphthalate	9.54	163	349916	24.98	ng		99
56) 2,4-Dinitrotoluene	9.82	165	24917	6.04	ng	#	37
57) Fluorene	10.36	166	1276	Below Cal		#	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	542	2.38	ng	#	17
66) 4-Bromophenyl-phenylether	10.62	248	15723	3.92	ng	#	1
77) Pyrene	12.73	202	39837	2.16	ng		97
80) Benzo(a)anthracene	13.95	228	38950	2.75	ng	#	92
82) Chrysene	13.95	228	38950	2.92	ng	#	95
88) Benzo(k)fluoranthene	14.94	252	25833	2.30	ng	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088007.D
Acq On : 14 Jun 2016 19:30
Operator : UM/SJ
Sample : H3467-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Quant Time: Jun 15 03:56:32 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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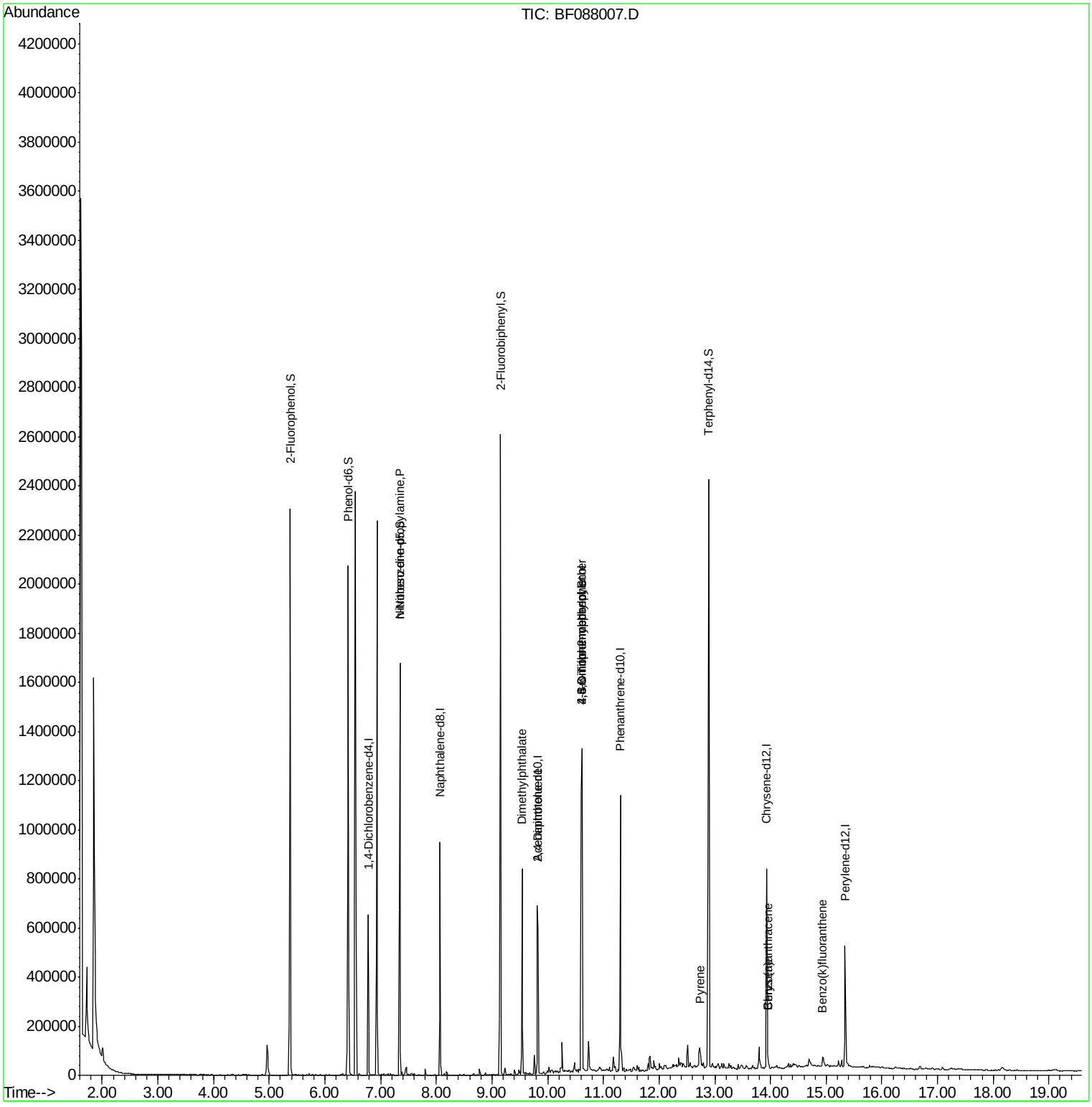
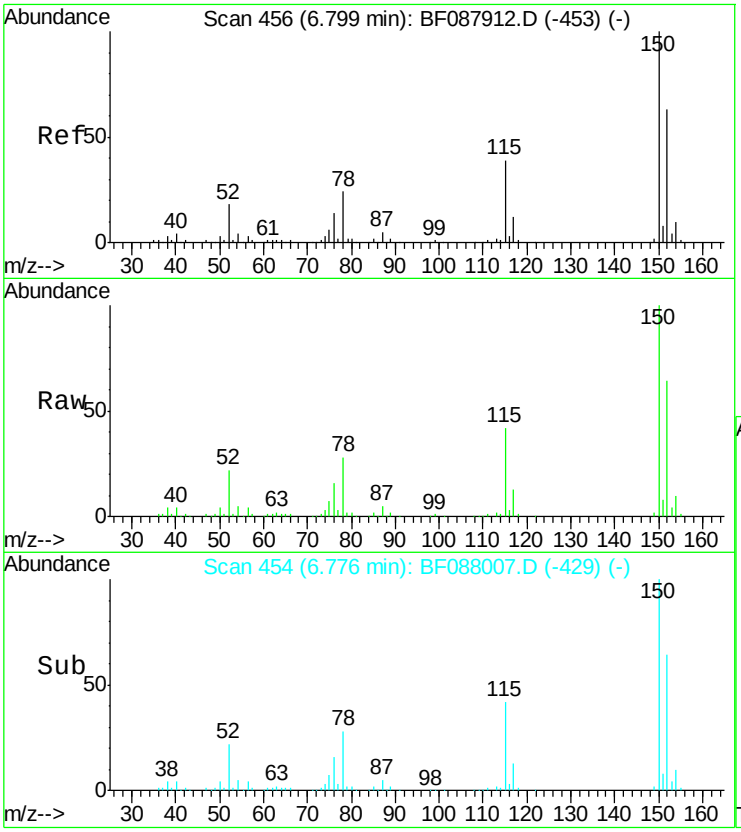


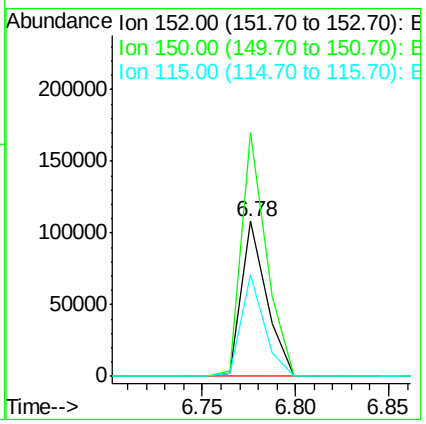


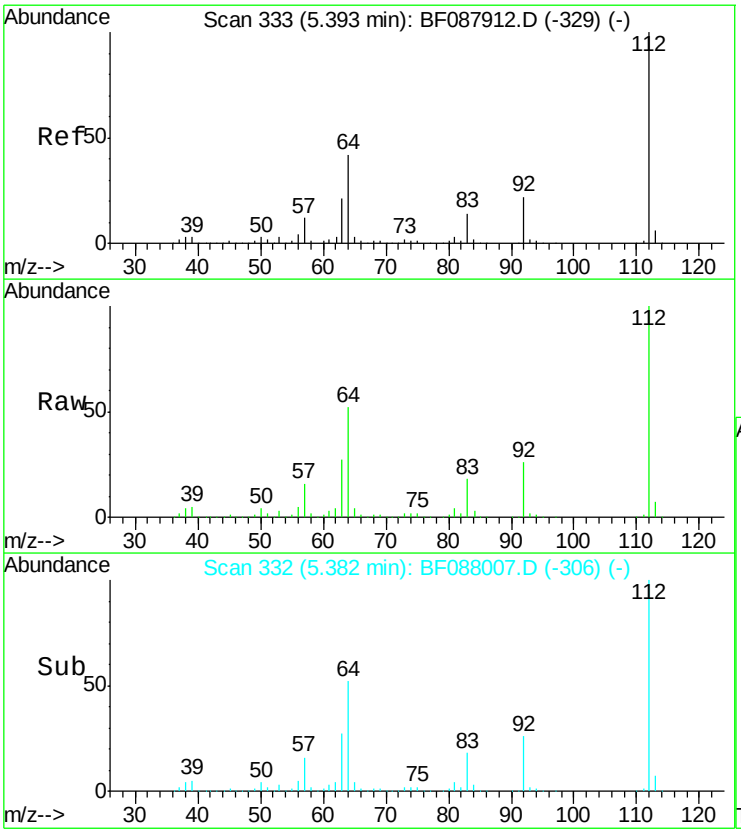
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:152 Resp: 101316

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	65.8	39.6	59.4#

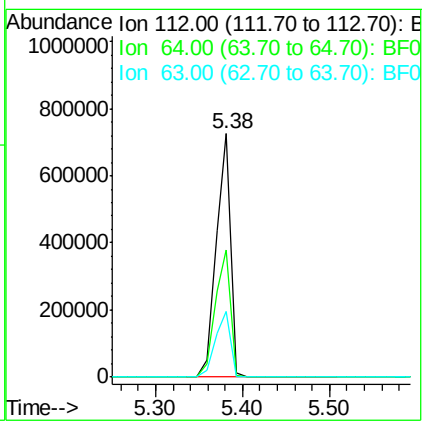


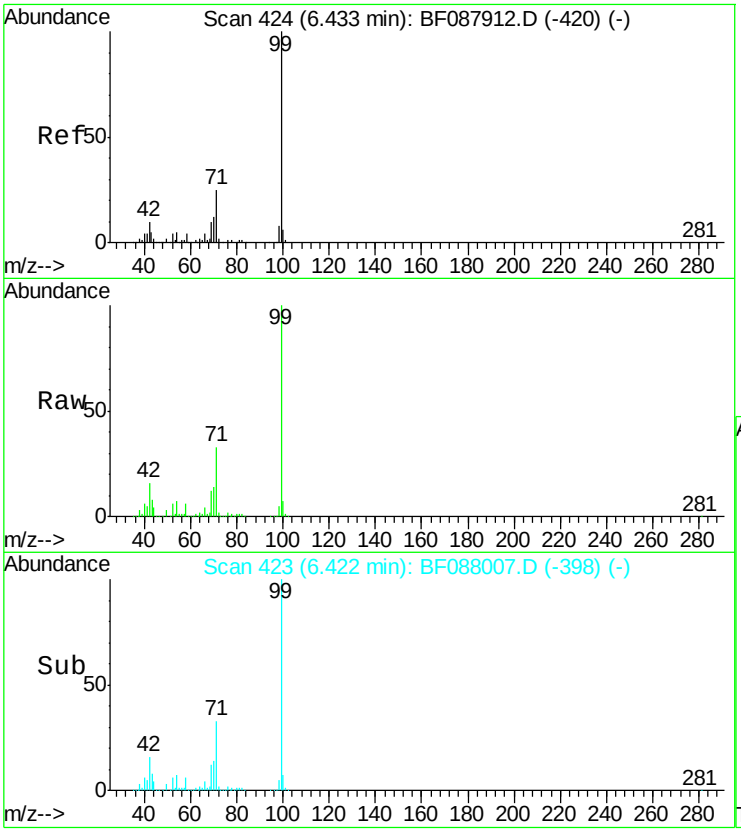


#5
2-Fluorophenol
Concen: 142.29 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.00 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:112 Resp: 843278

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.2	63.2
63	26.7	21.8	32.8



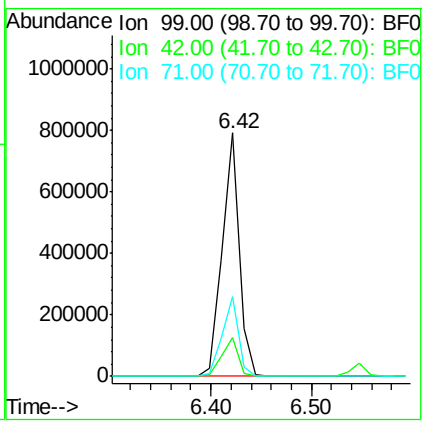


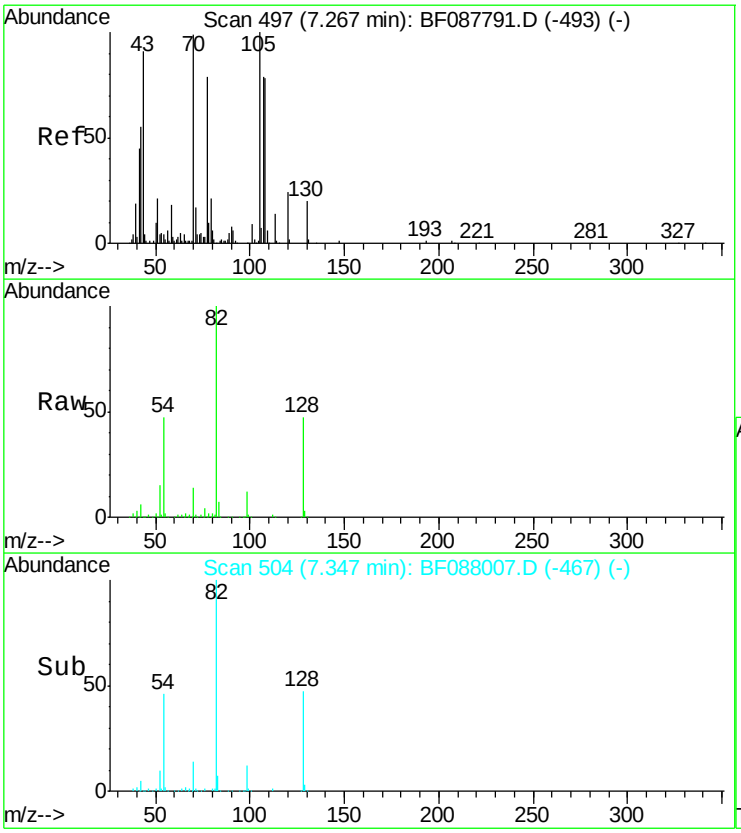
#7
Phenol-d6
Concen: 130.17 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion: 99 Resp: 934971

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.2	18.2
71	32.9	23.4	35.0

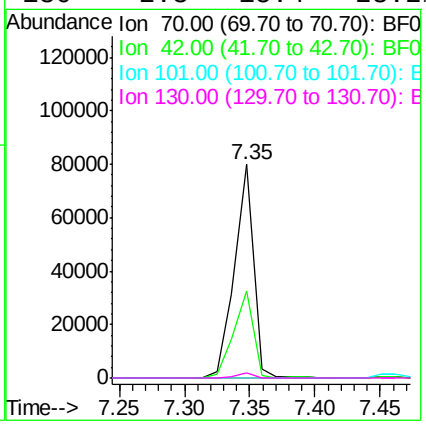


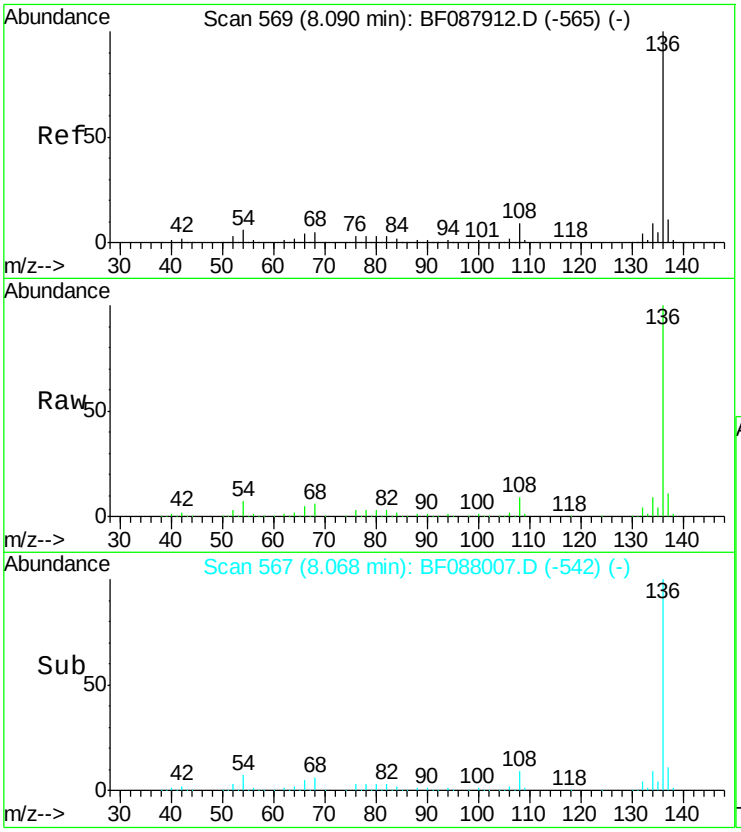


#19
n-Nitroso-di-n-propylamine
Concen: 17.58 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.13 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion: 70 Resp: 80784

Ion	Ratio	Lower	Upper
70	100		
42	41.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



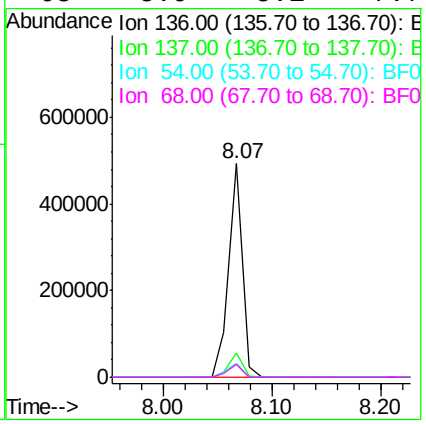


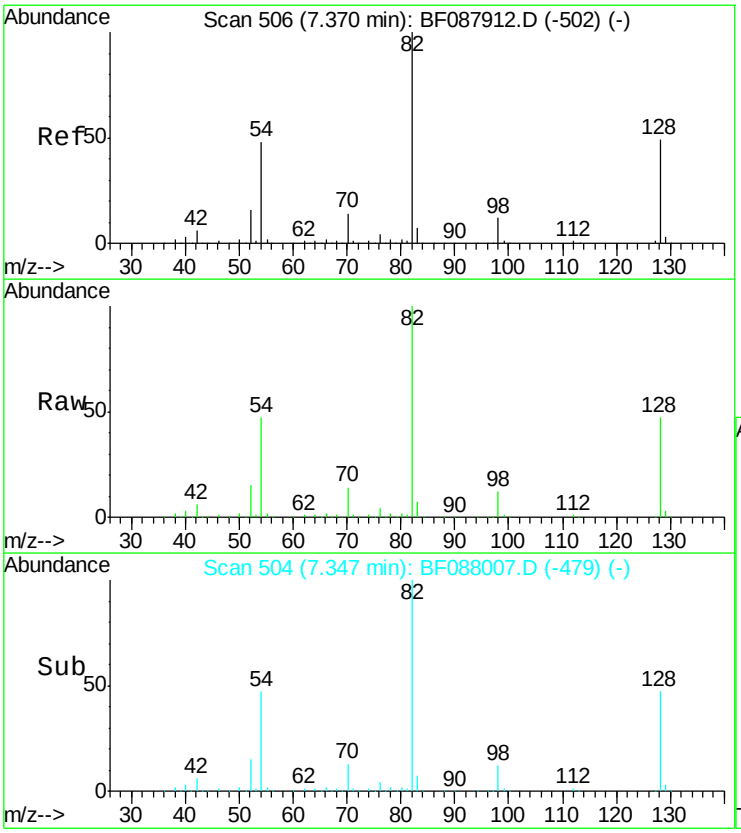
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:136 Resp: 427148

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.7	6.6	10.0
68	5.9	5.1	7.7

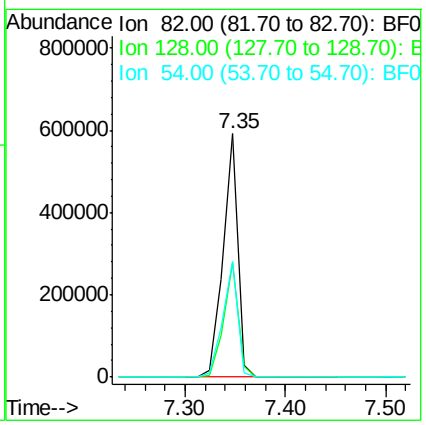


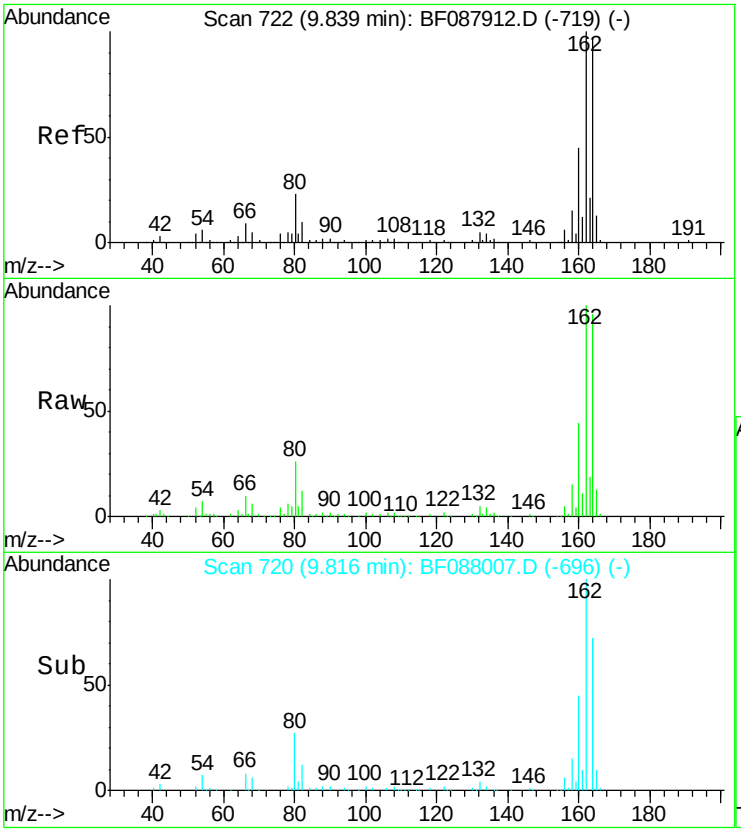


#23
Nitrobenzene-d5
Concen: 82.45 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion: 82 Resp: 603111

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.9	53.9
54	47.3	40.9	61.3



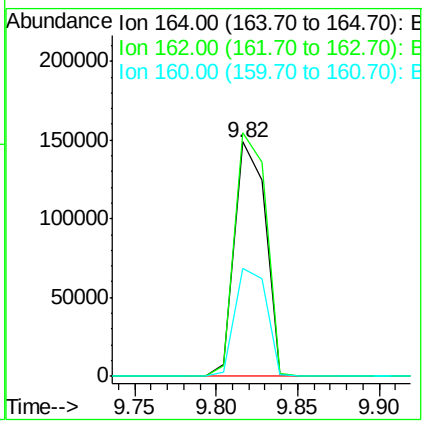


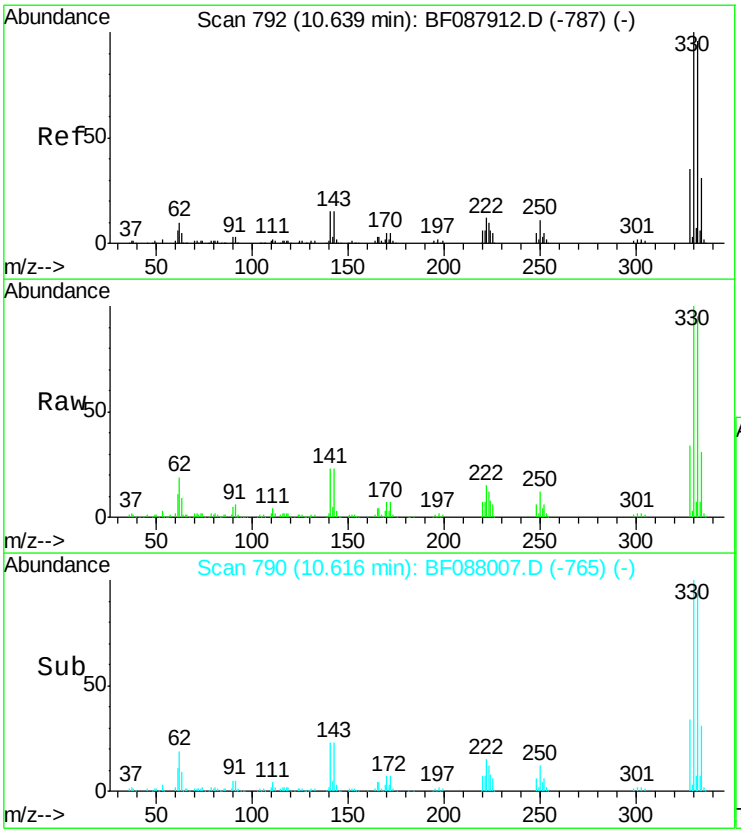
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:164 Resp: 193350

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	46.0	39.5	59.3

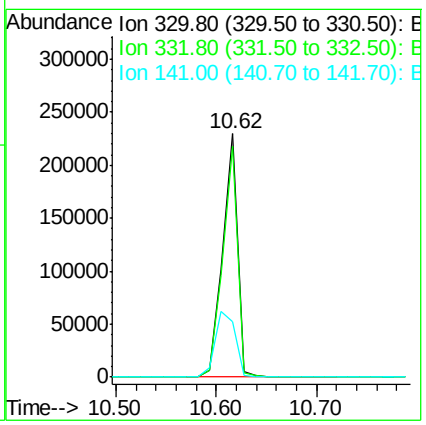


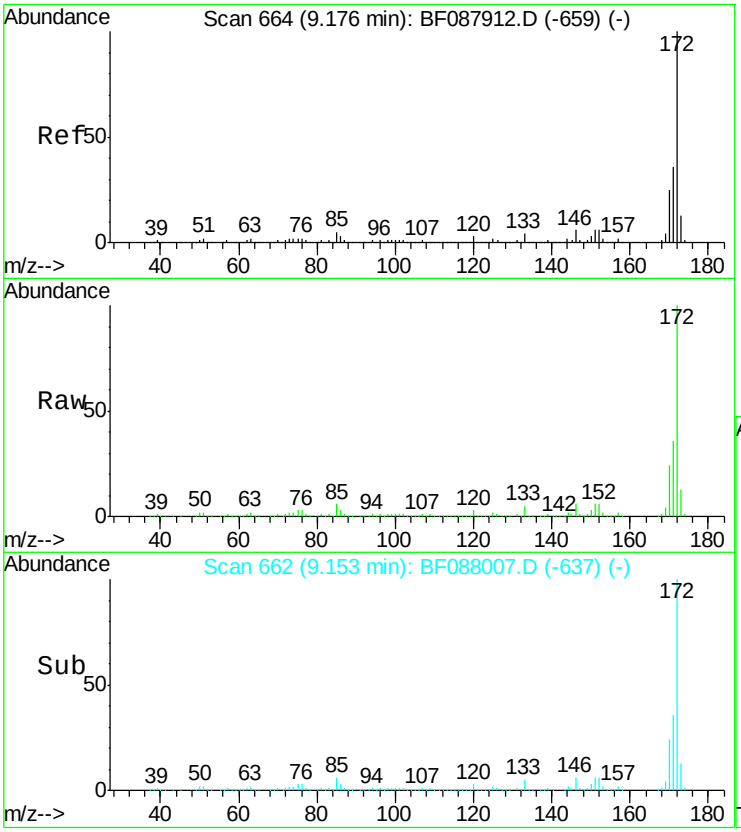


#41
2,4,6-Tribromophenol
Concen: 116.23 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:330 Resp: 237282

Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	36.7	0.0	0.0#



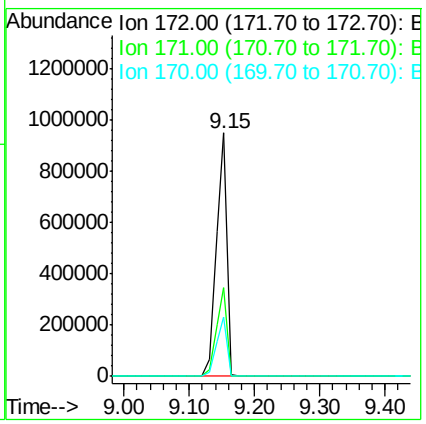


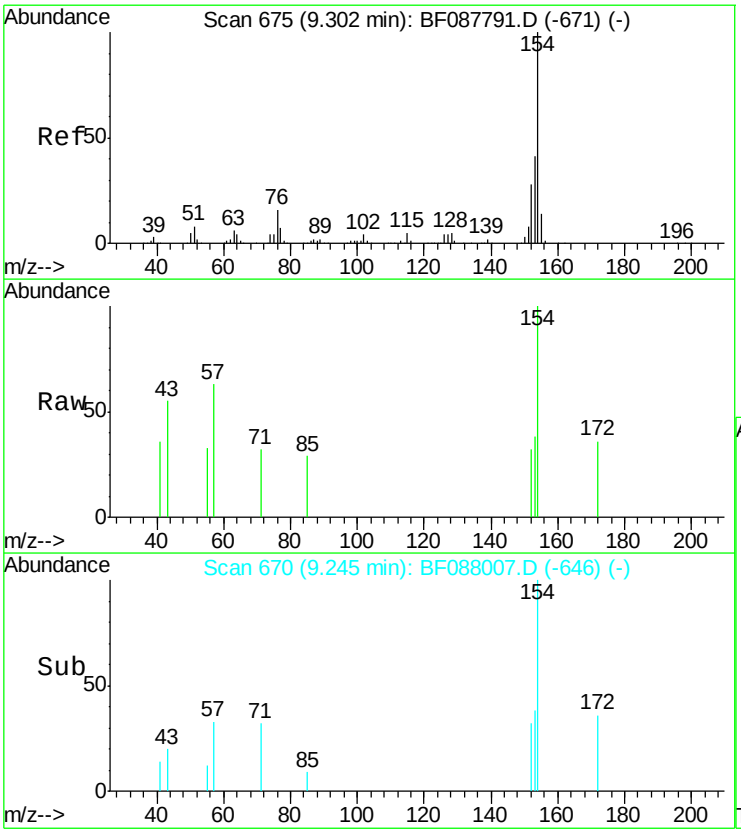
#44
2-Fluorobiphenyl
Concen: 89.46 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:172 Resp: 1097504

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.5	19.2	28.8

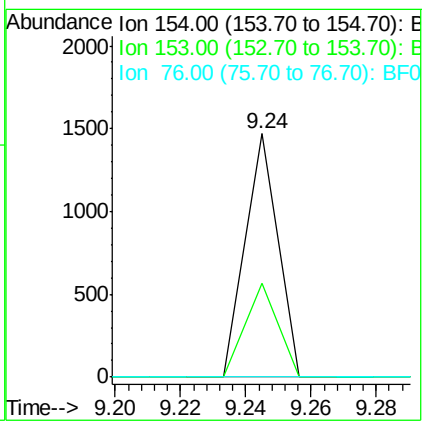


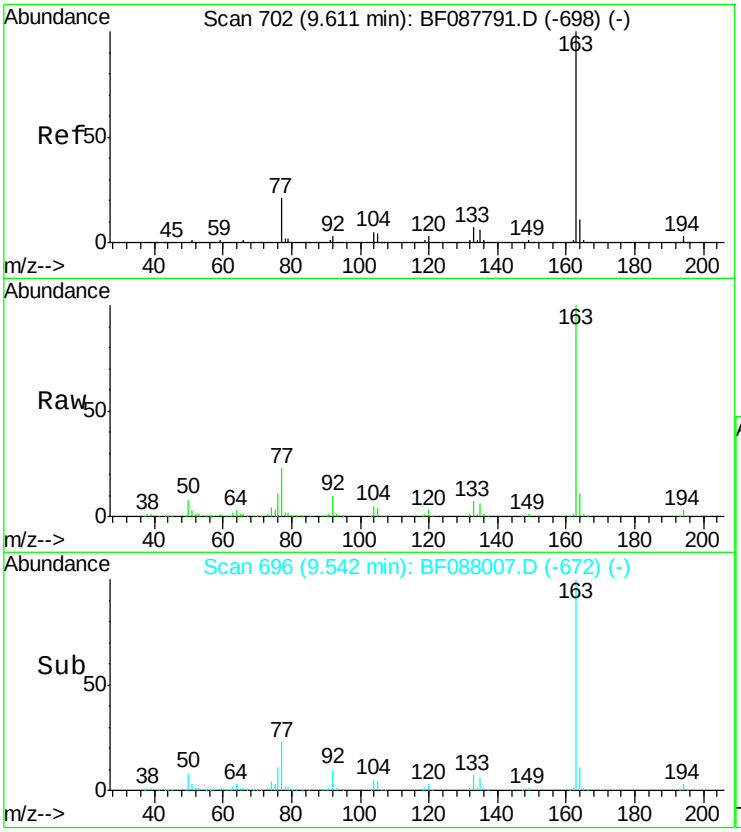


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:154 Resp: 1008

Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.6	60.6
76	0.0	0.0	35.1



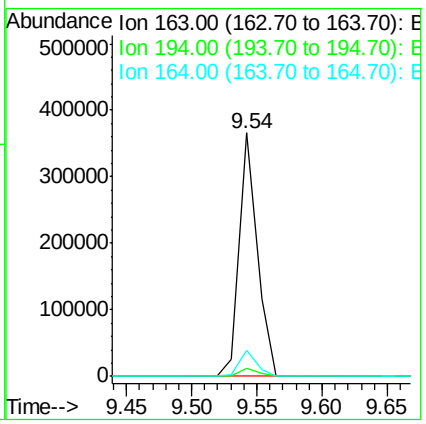


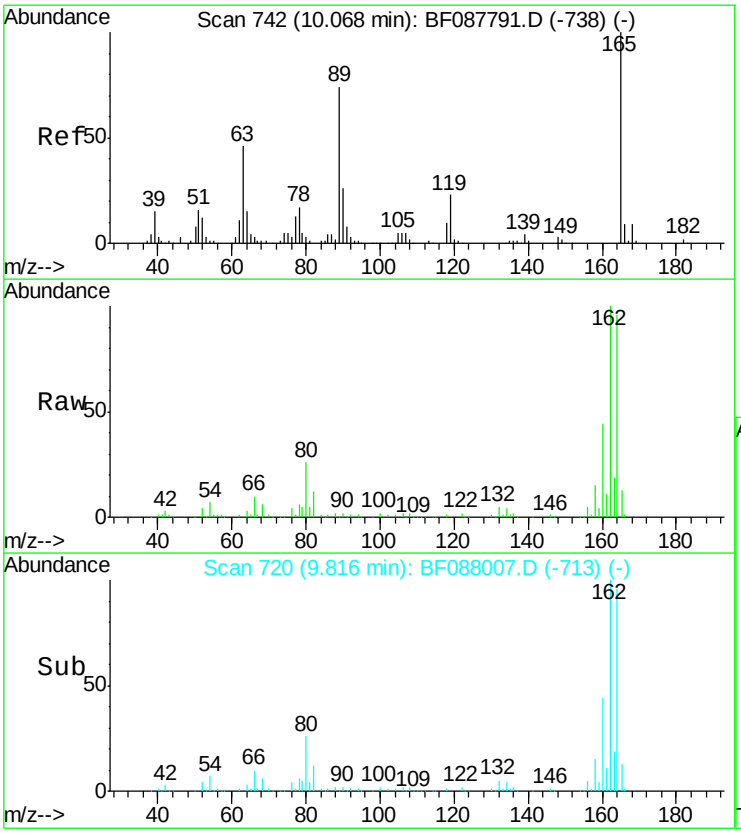
#49
Dimethylphthalate
Concen: 24.98 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:163 Resp: 349916

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.7	8.3	12.5

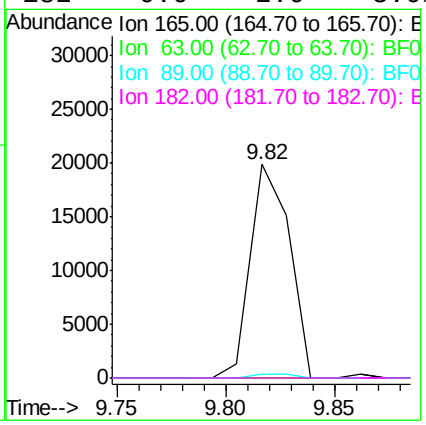


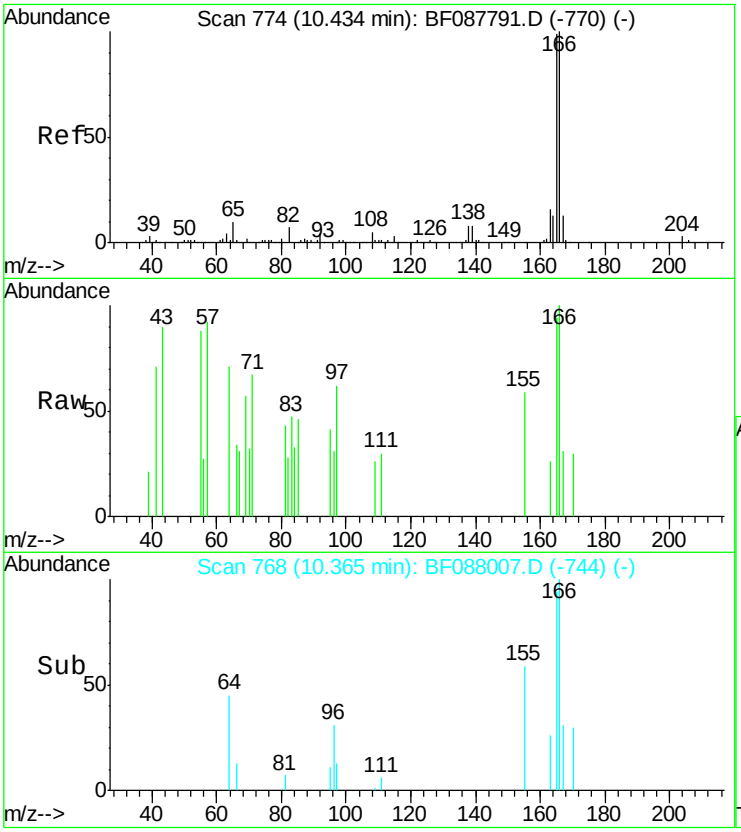


#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:165 Resp: 24917

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



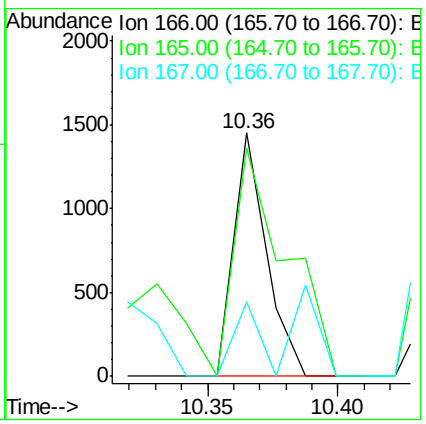


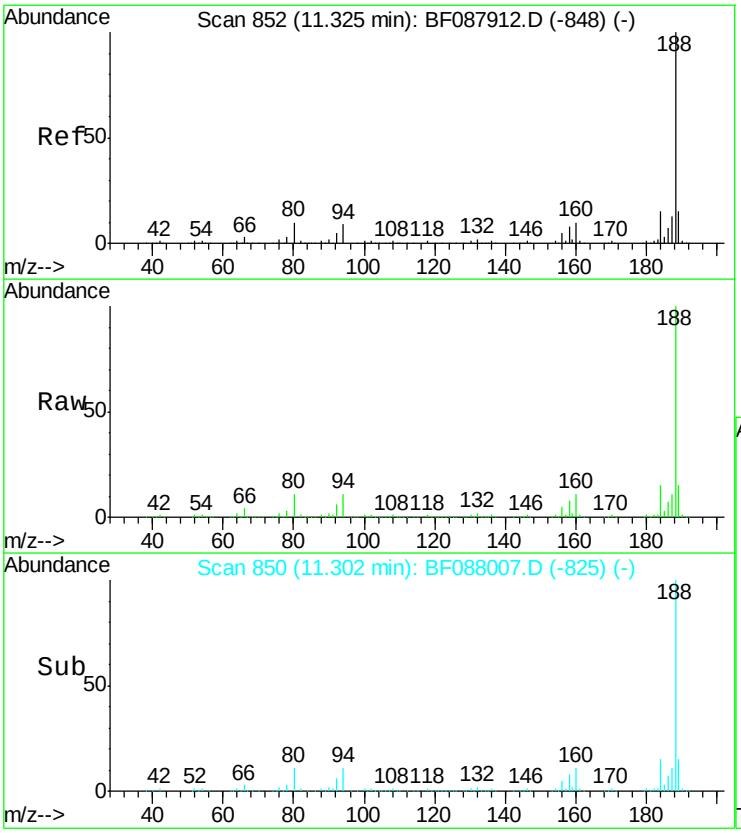
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:166 Resp: 1276

Ion	Ratio	Lower	Upper
166	100		
165	93.9	77.8	116.8
167	30.8	11.2	16.8#

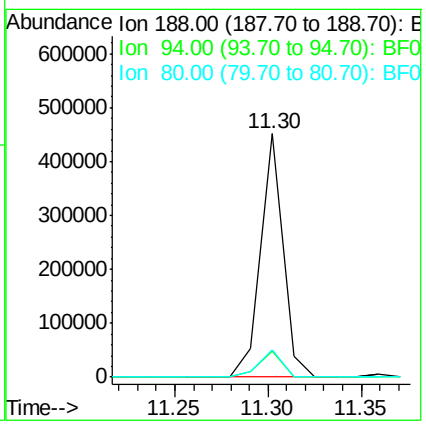


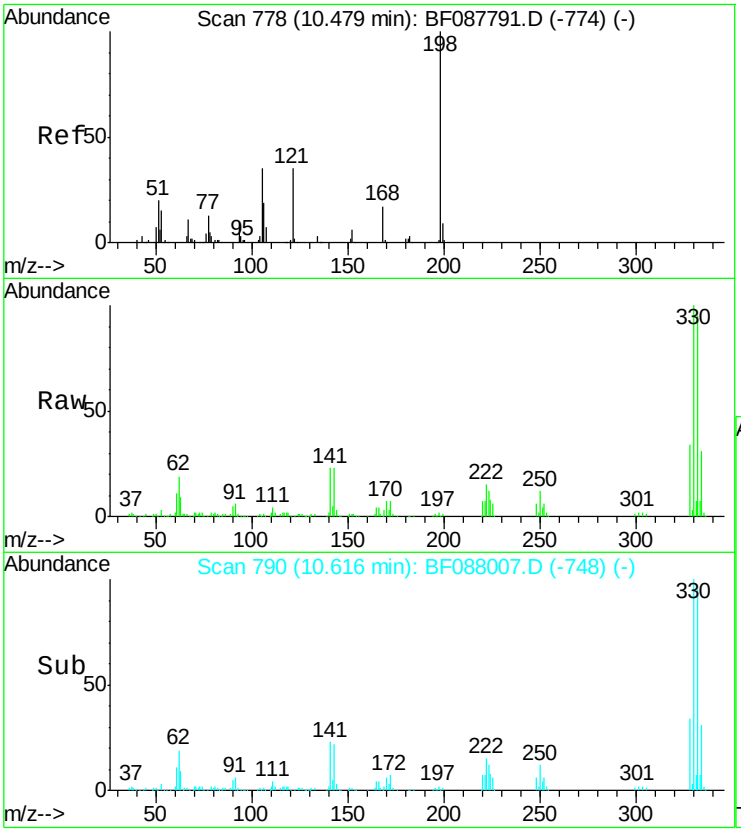


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:188 Resp: 373973

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	11.2	10.0	15.0



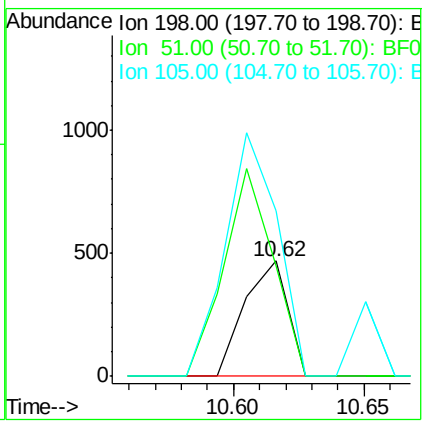


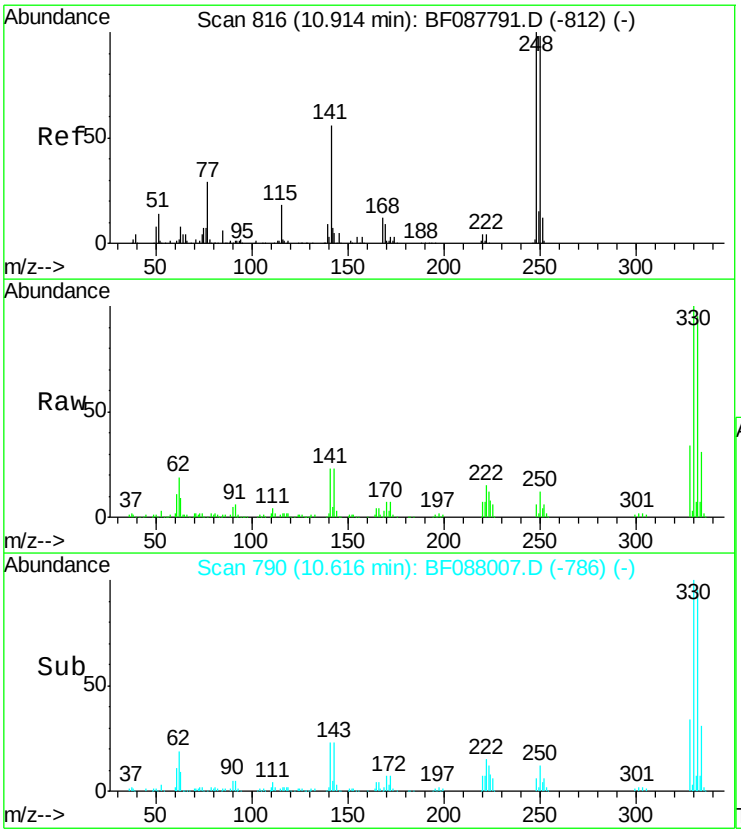
#64
4,6-Dinitro-2-methylphenol
Concen: 2.38 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.18 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:198 Resp: 542

Ion	Ratio	Lower	Upper
198	100		
51	96.4	39.6	79.6#
105	143.8	36.6	76.6#

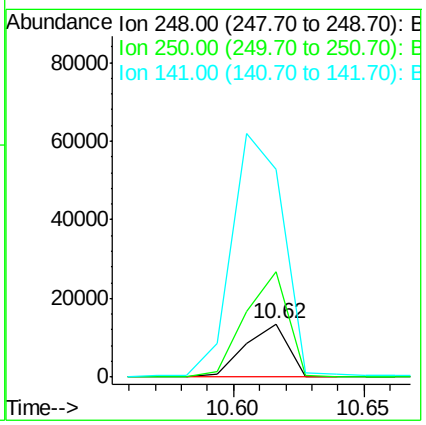


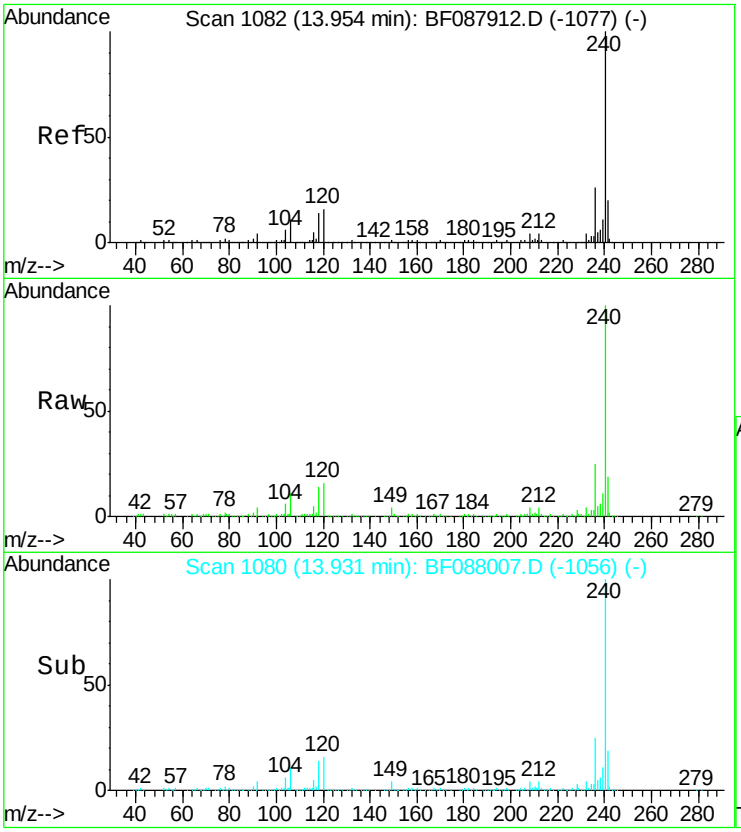


#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.25 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:248 Resp: 15723

Ion	Ratio	Lower	Upper
248	100		
250	198.6	77.1	115.7#
141	390.5	50.6	76.0#



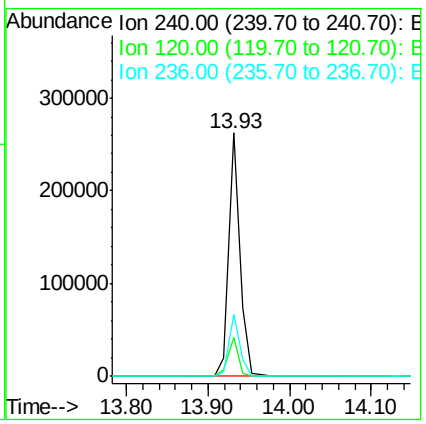


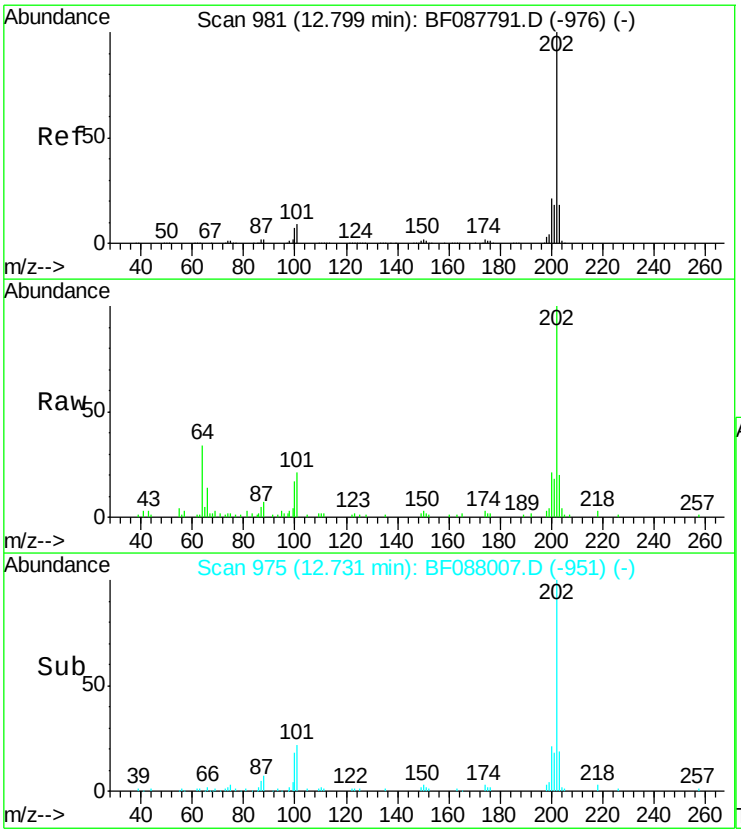
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:240 Resp: 248579

Ion	Ratio	Lower	Upper
240	100		
120	16.2	6.8	10.2#
236	25.2	20.2	30.2

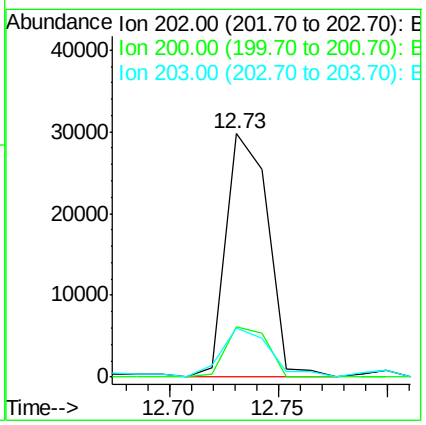


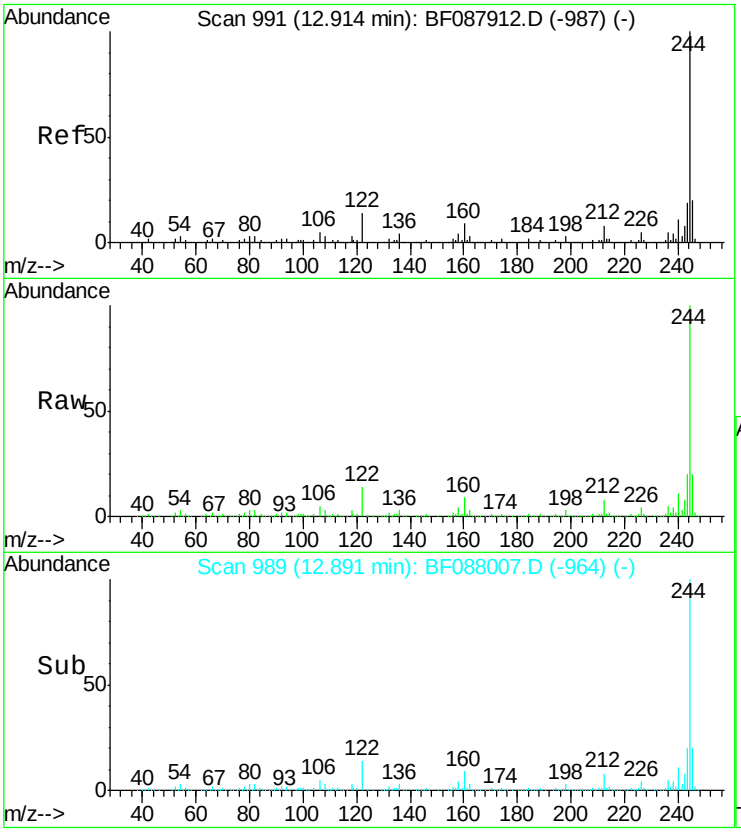


#77
Pyrene
Concen: 2.16 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:202 Resp: 39837

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	20.2	14.5	21.7



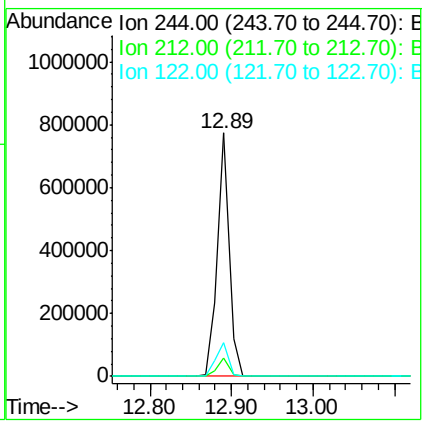


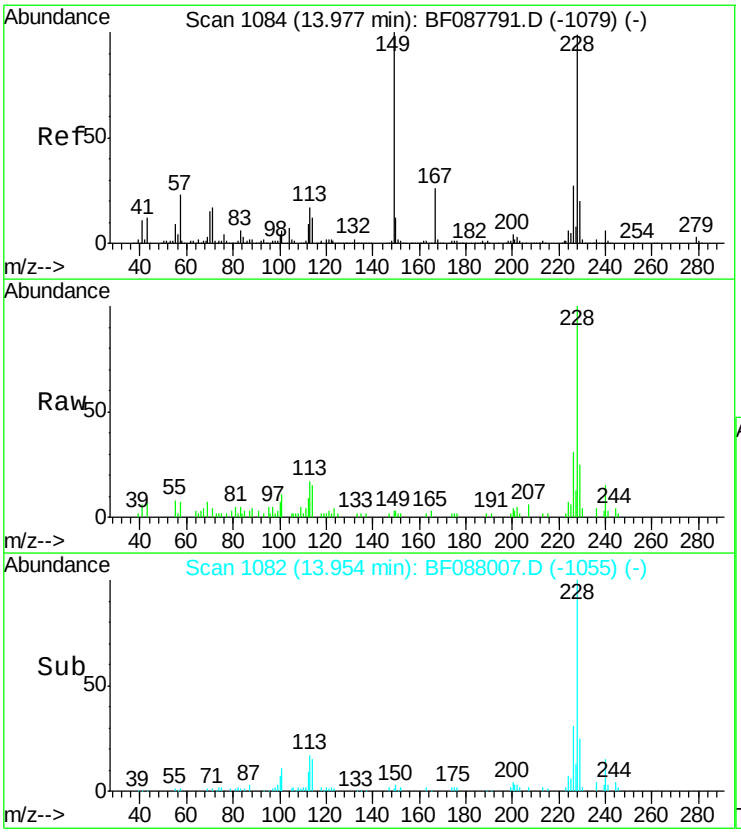
#78
Terphenyl-d14
Concen: 71.48 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:244 Resp: 780800

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.1	11.2	16.8

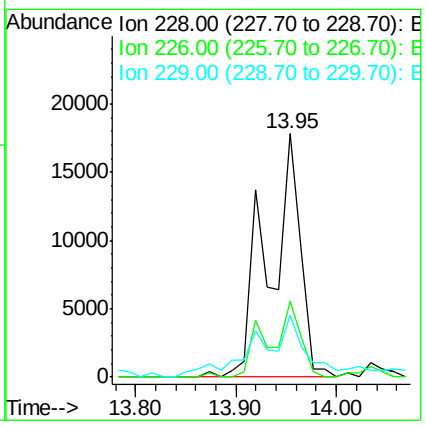


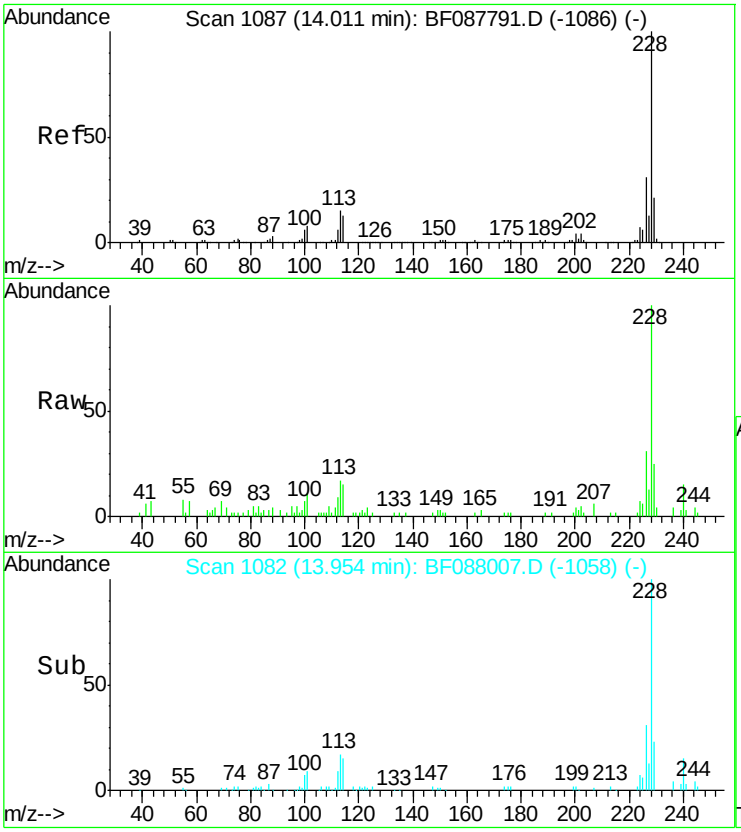


#80
Benzo(a)anthracene
Concen: 2.75 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:228 Resp: 38950

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.3	33.5
229	25.2	16.0	24.0#



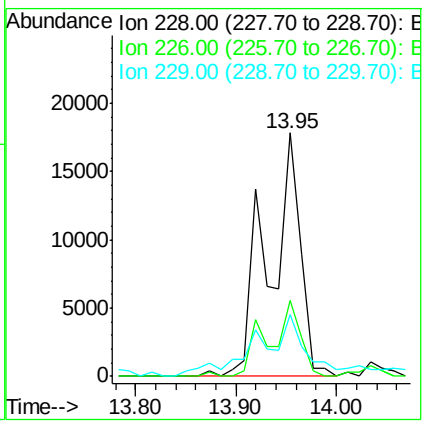


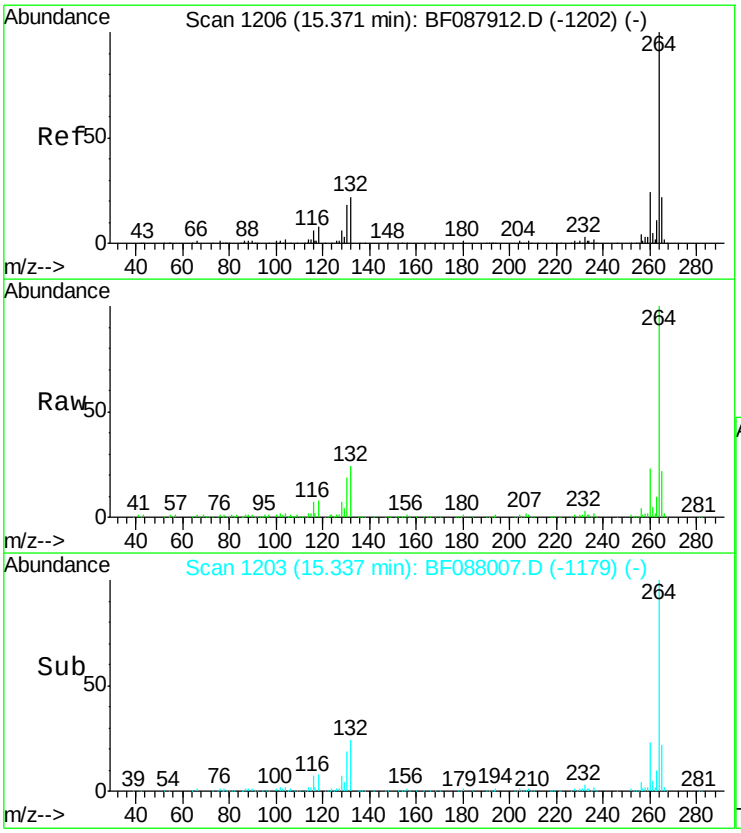
#82
Chrysene
Concen: 2.92 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:228 Resp: 38950

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	25.2	16.3	24.5#

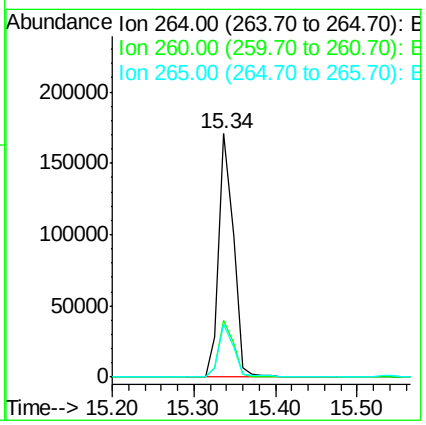


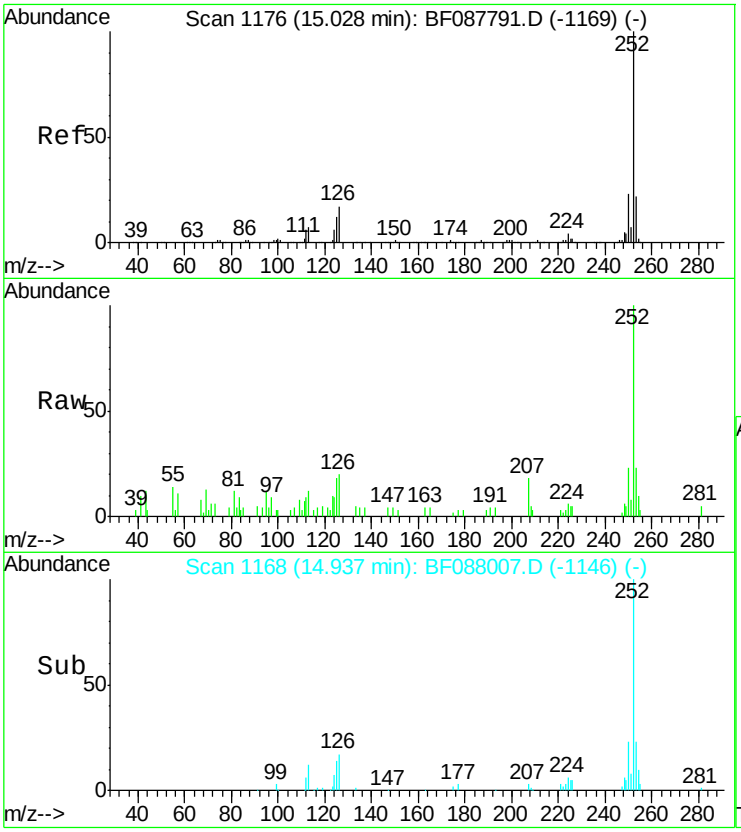


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:264 Resp: 213976

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	16.9	25.3





#88
Benzo(k)fluoranthene
Concen: 2.30 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tgt Ion:252 Resp: 25833

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	18.1	11.2	16.8#