Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
Data File : BF088073.D
Acq On : 16 Jun 2016 13:58
Operator : UM/SJ
Sample : H3510-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-52-060916RE

Quant Time: Jun 16 15:12:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	100383	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	364332	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	90007	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	261444	20.00	ng		0.00
75) Chrysene-d12	13.86	240	72033	20.00	ng		0.00
86) Perylene-d12	15.26	264	4406	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	650248	110.74	ng		0.02
7) Phenol-d6	6.36	99	526355	73.96	ng		0.00
23) Nitrobenzene-d5	7.29	82	597468	95.76	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	210597	221.59	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1004378	181.59	ng		0.00
78) Terphenyl-d14	12.82	244	692101	218.64	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	520	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.29	70	77544	17.03	ng	#	67
25) Isophorone	7.29	82	581769	50.34	ng	#	65
31) Naphthalene	8.02	128	38092	2.11	ng		99
45) 1,1'-Biphenyl	9.18	154	1922	Below Cal			94
50) 2,6-Dinitrotoluene	9.75	165	11697	7.83	ng	#	39
56) 2,4-Dinitrotoluene	9.75	165	11697	6.10	ng	#	38
57) Fluorene	10.30	166	3858	Below Cal			94
64) 4,6-Dinitro-2-methylphenol	10.54	198	285	2.33	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.85	149	6994	2.43	ng	#	96
87) Benzo(b)fluoranthene	14.87	252	6606	21.51	ng	#	96
88) Benzo(k)fluoranthene	14.87	252	6606	28.52	ng		97
89) Benzo(a)pyrene	15.21	252	793	3.19	ng	#	57
90) Dibenzo(a,h)anthracene	16.61	278	1912	8.29	ng	#	54
91) Benzo(g,h,i)perylene	16.99	276	1596	6.72	ng	#	50

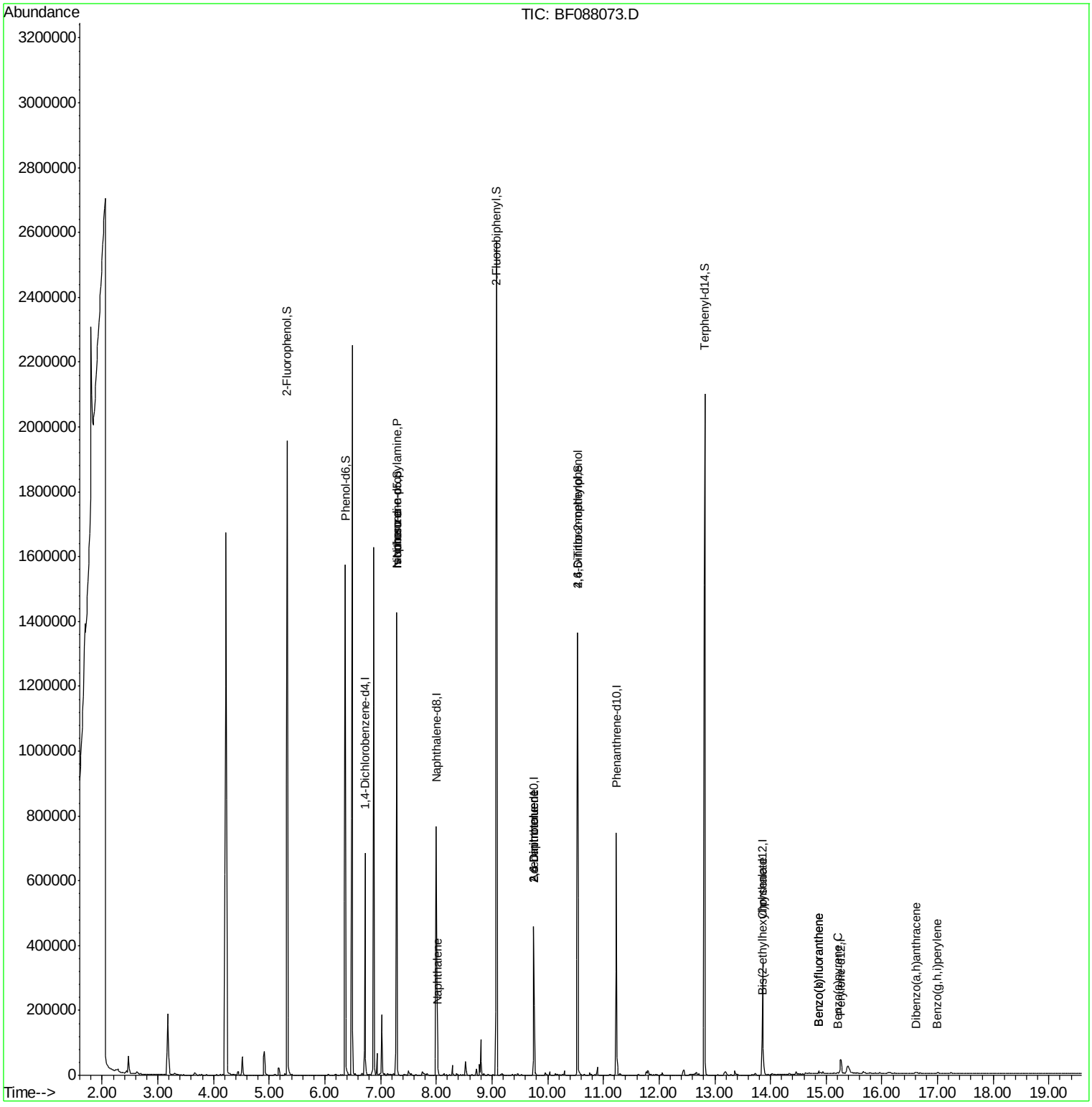
(#) = qualifier out of range (m) = manual integration (+) = signals summed

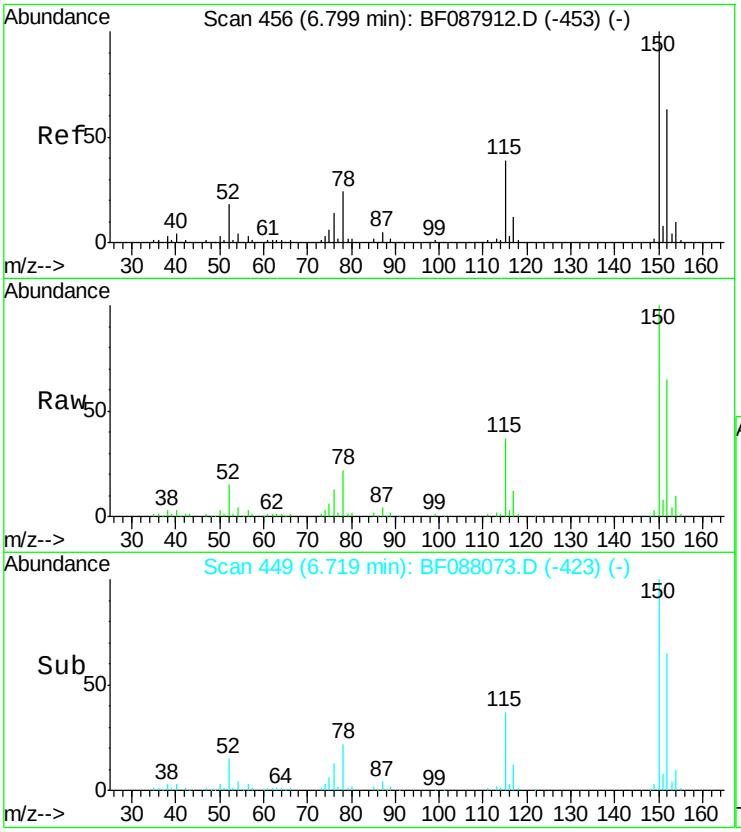
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
Data File : BF088073.D
Acq On : 16 Jun 2016 13:58
Operator : UM/SJ
Sample : H3510-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Quant Time: Jun 16 15:12:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration



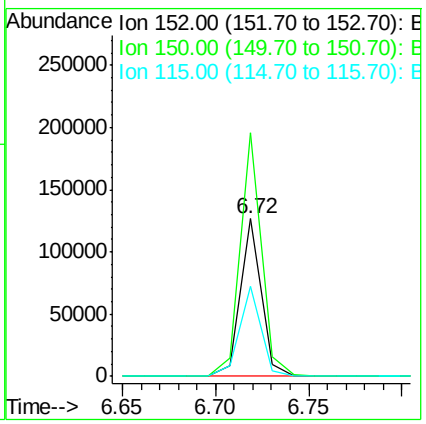


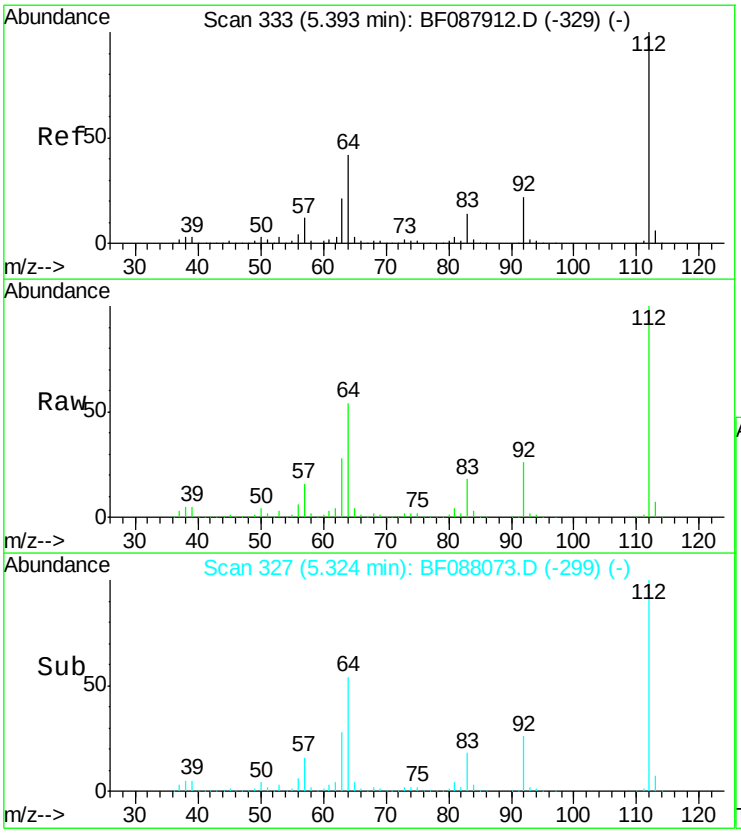
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:152 Resp: 100383

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	57.4	39.6	59.4

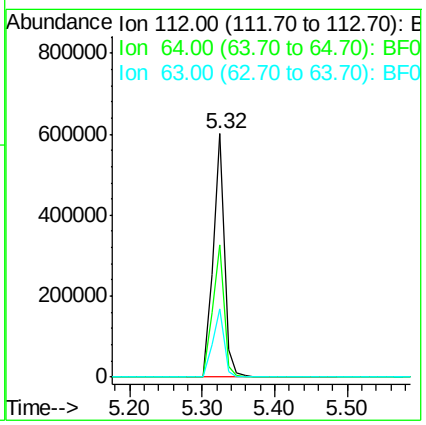


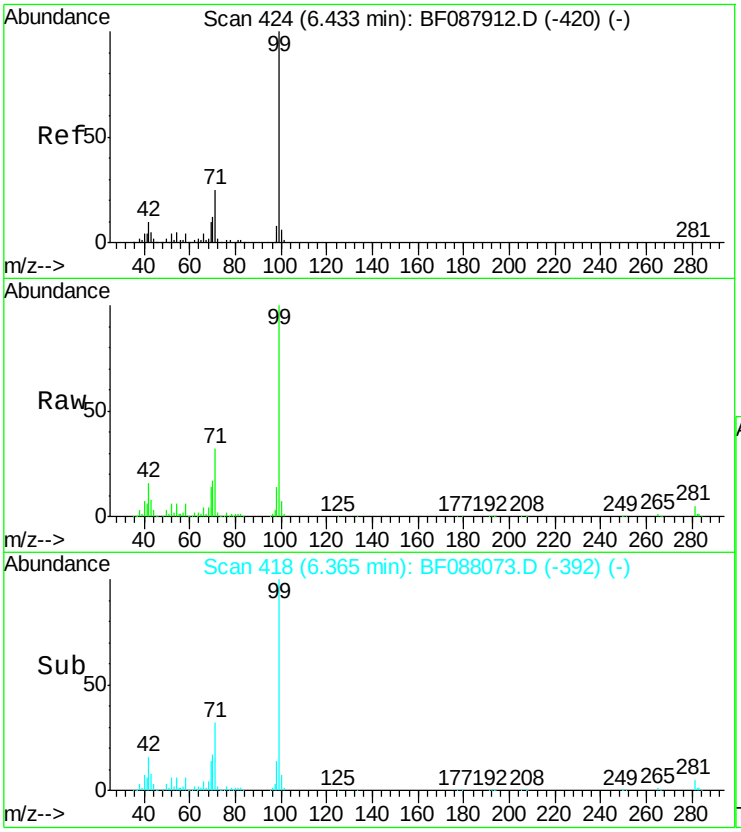


#5
2-Fluorophenol
Concen: 110.74 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.02 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:112 Resp: 650248

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.2	63.2
63	27.8	21.8	32.8



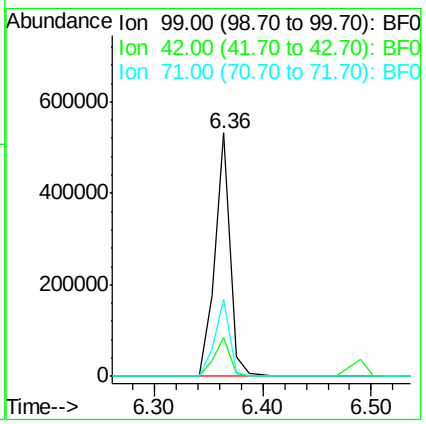


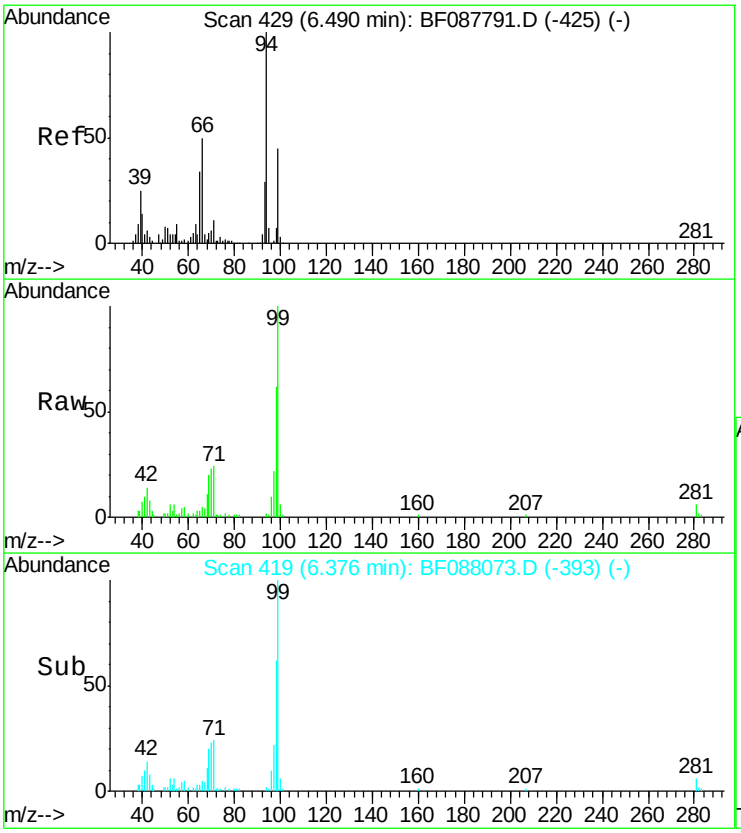
#7
Phenol-d6
Concen: 73.96 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion: 99 Resp: 526355

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.2
71	31.8	23.4	35.0

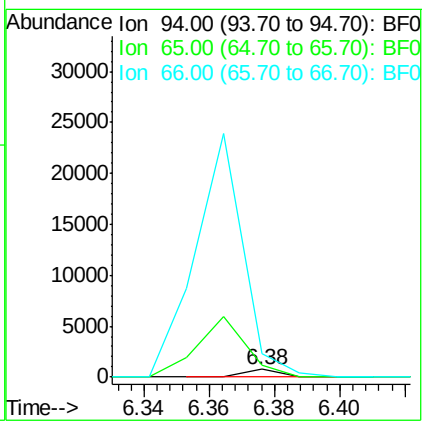


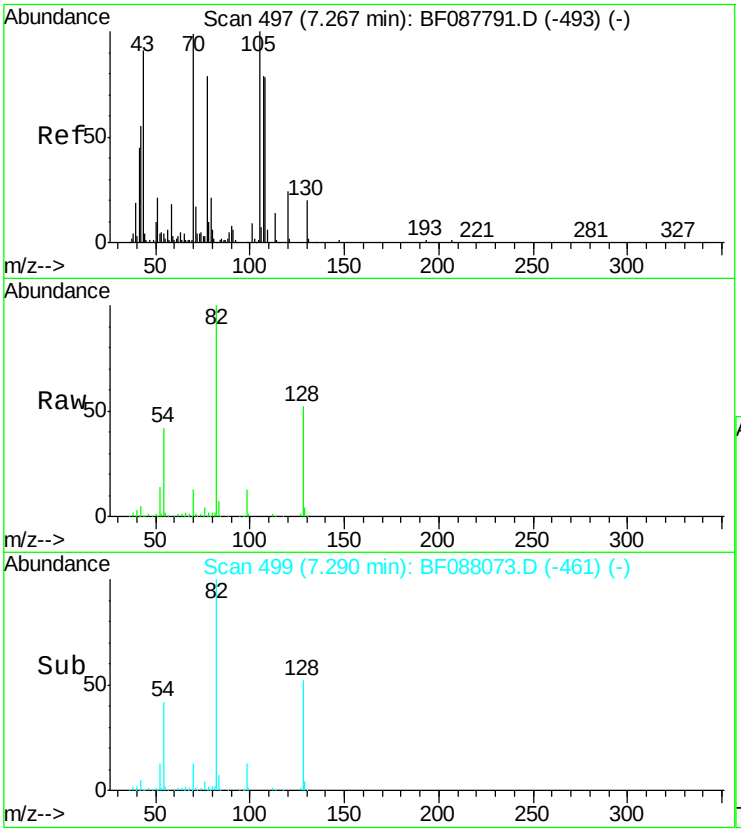


#10
Phenol
Concen: Below Cal
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion: 94 Resp: 520

Ion	Ratio	Lower	Upper
94	100		
65	161.1	5.9	45.9#
66	310.8	14.0	54.0#



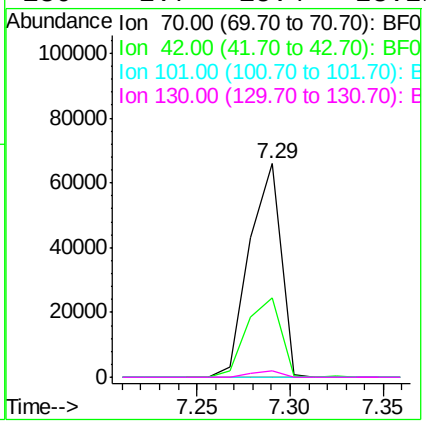


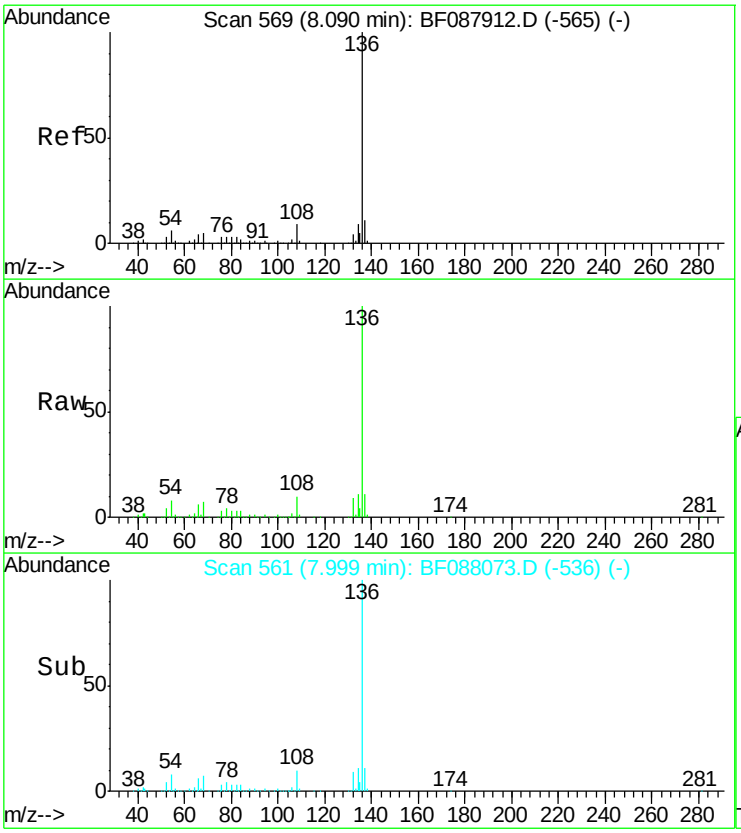
#19
n-Nitroso-di-n-propylamine
Concen: 17.03 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.14 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion: 70 Resp: 77544

Ion	Ratio	Lower	Upper
70	100		
42	37.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#

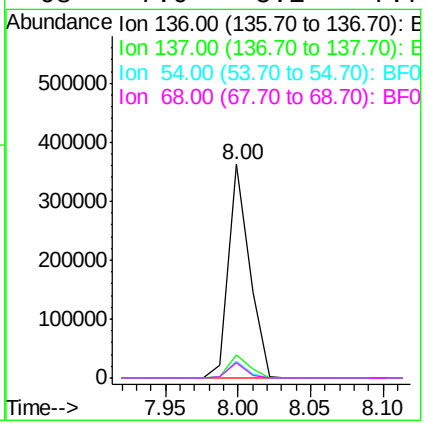


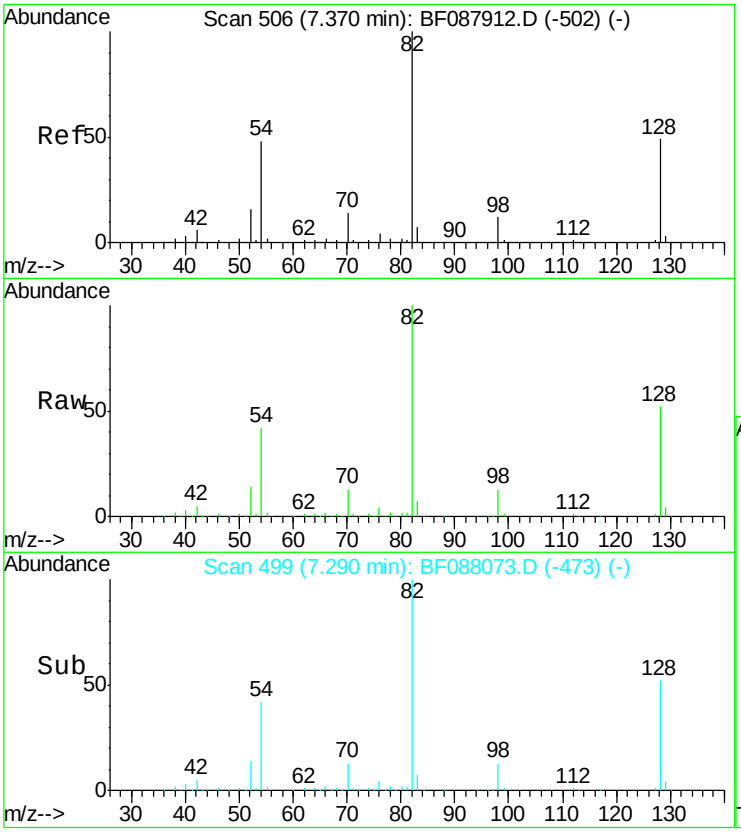


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:136 Resp: 364332

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.0	6.6	10.0
68	7.0	5.1	7.7



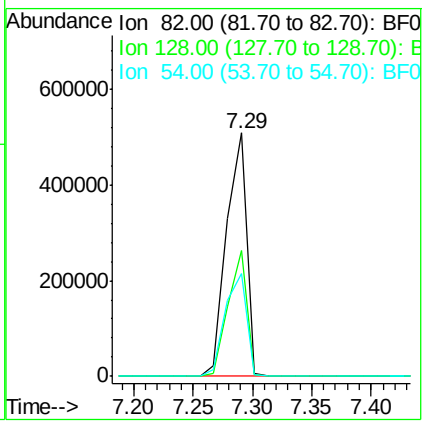


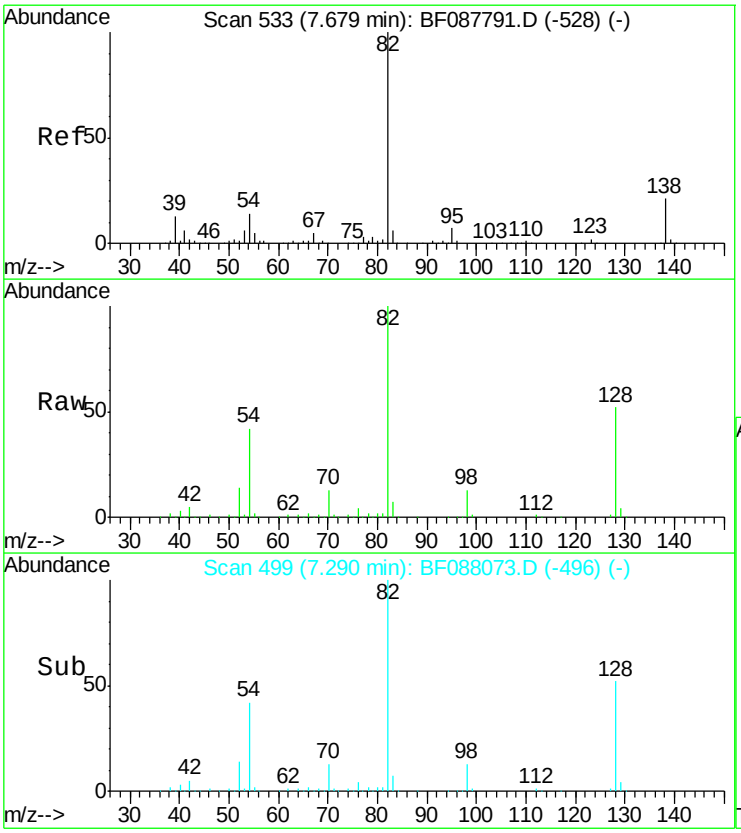
#23
Nitrobenzene-d5
Concen: 95.76 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion: 82 Resp: 597468

Ion	Ratio	Lower	Upper
82	100		
128	51.9	35.9	53.9
54	42.4	40.9	61.3

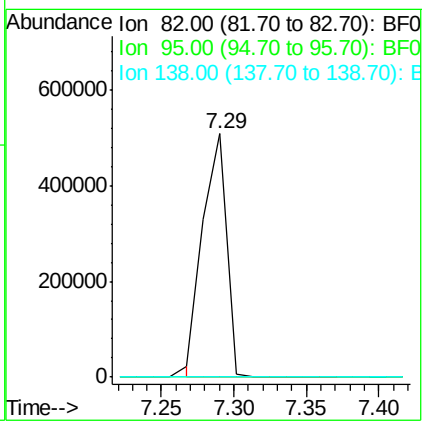


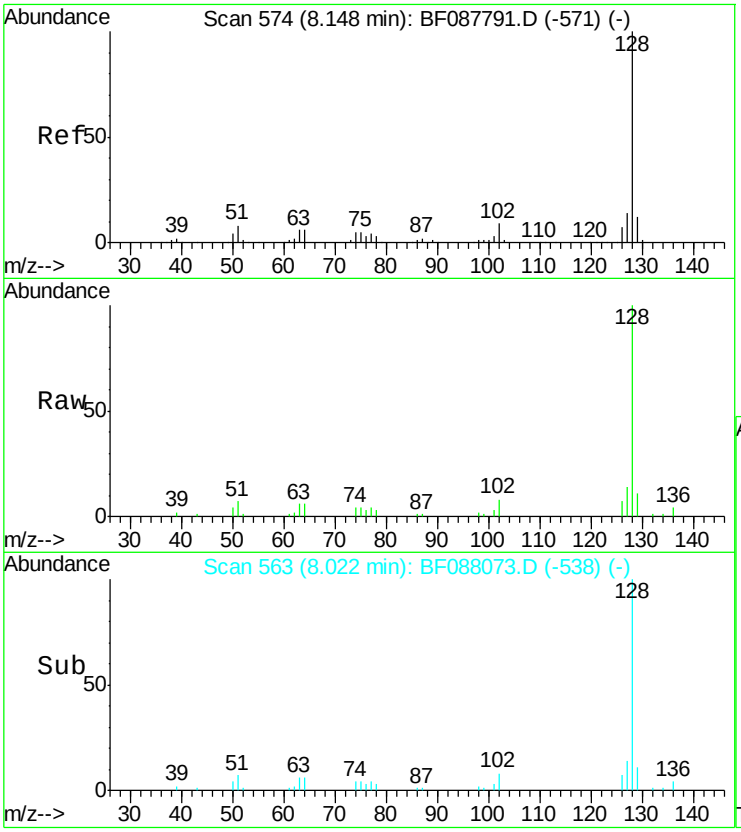


#25
Isophorone
Concen: 50.34 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.26 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion: 82 Resp: 581769

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



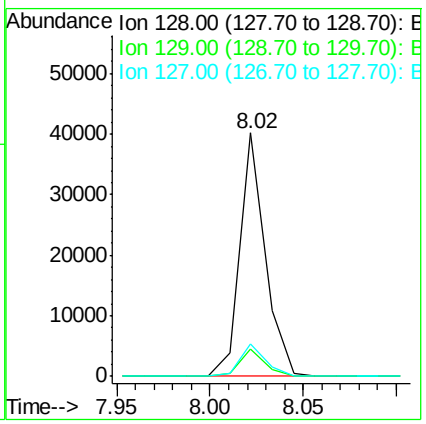


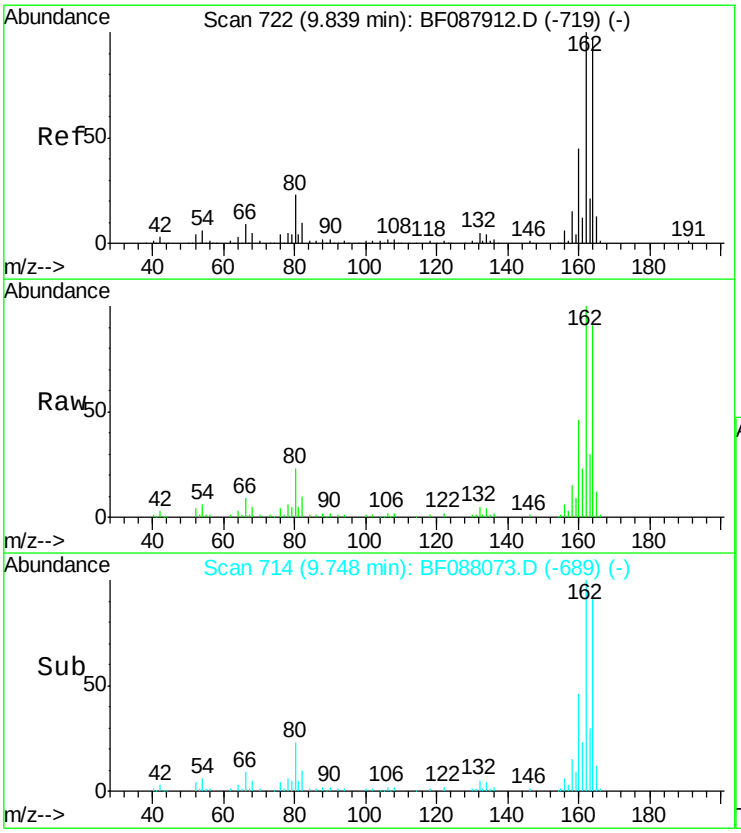
#31
Naphthalene
Concen: 2.11 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:128 Resp: 38092

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.6	10.9	16.3

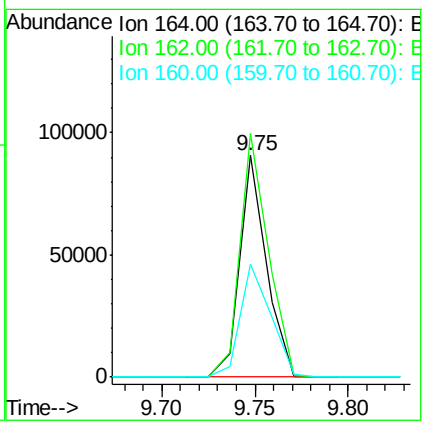


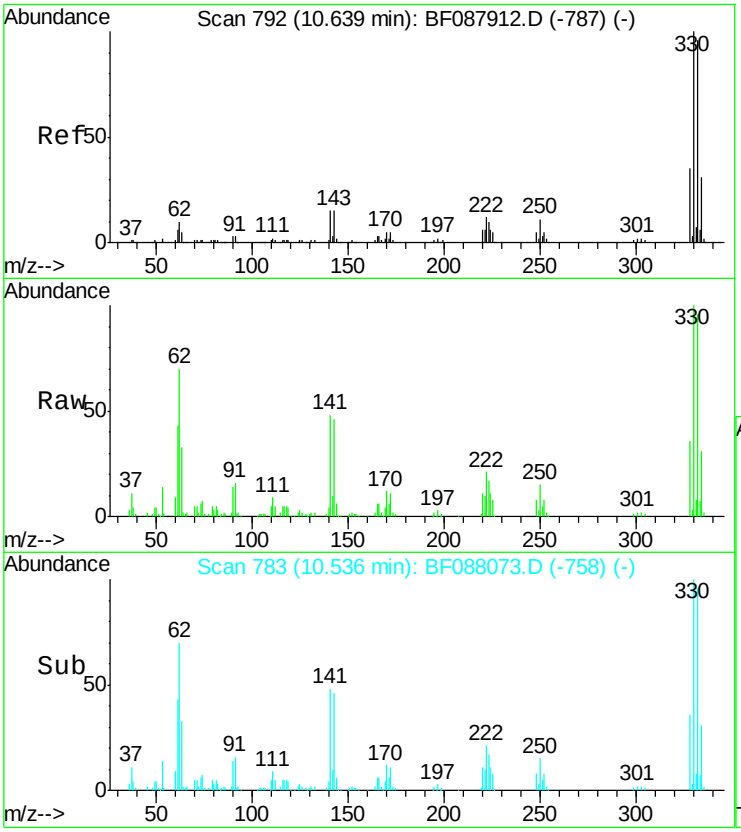


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:164 Resp: 90007

Ion	Ratio	Lower	Upper
164	100		
162	109.8	85.4	128.2
160	50.8	39.5	59.3



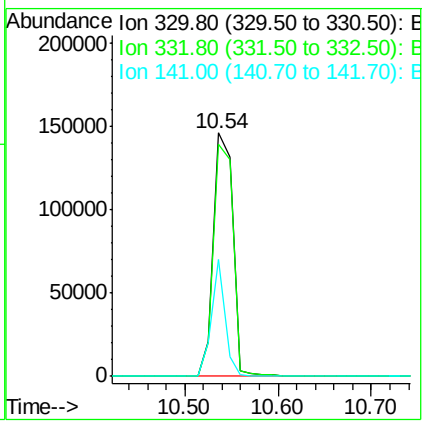


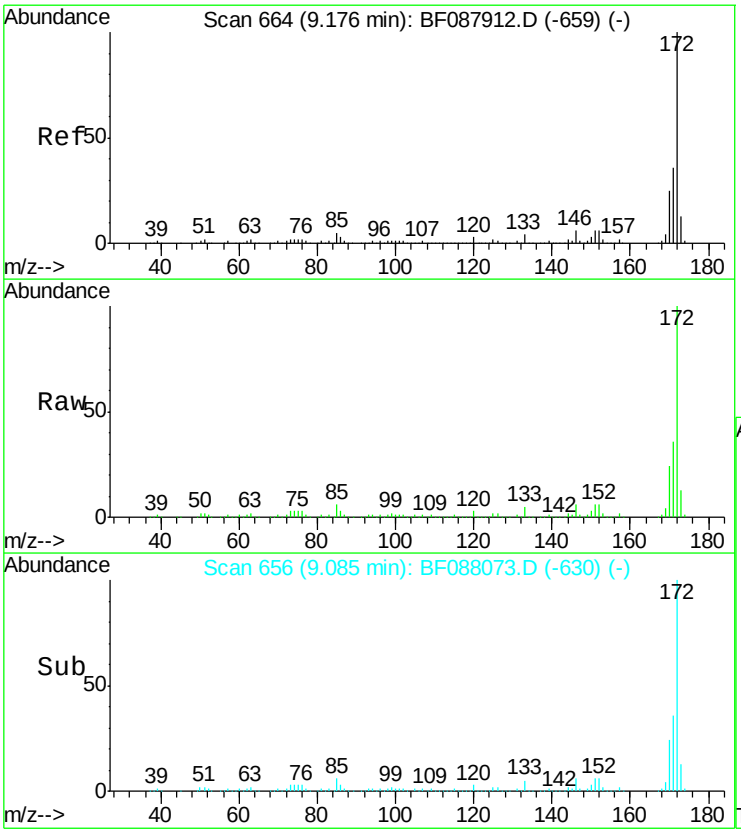
#41
2,4,6-Tribromophenol
Concen: 221.59 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:330 Resp: 210597

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	34.1	0.0	0.0#

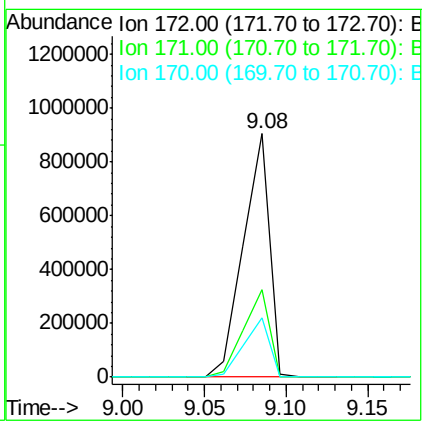


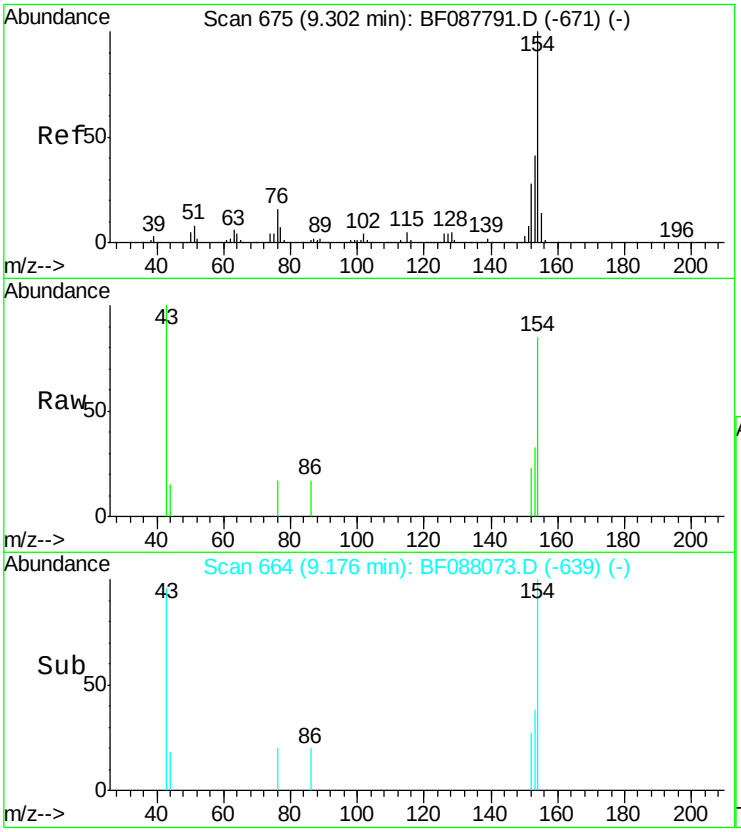


#44
2-Fluorobiphenyl
Concen: 181.59 ng
RT: 9.08 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:172 Resp: 1004378

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.2	28.8



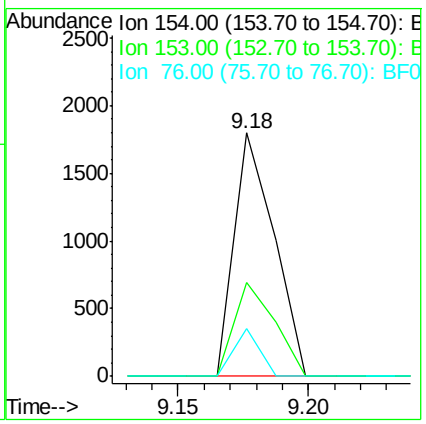


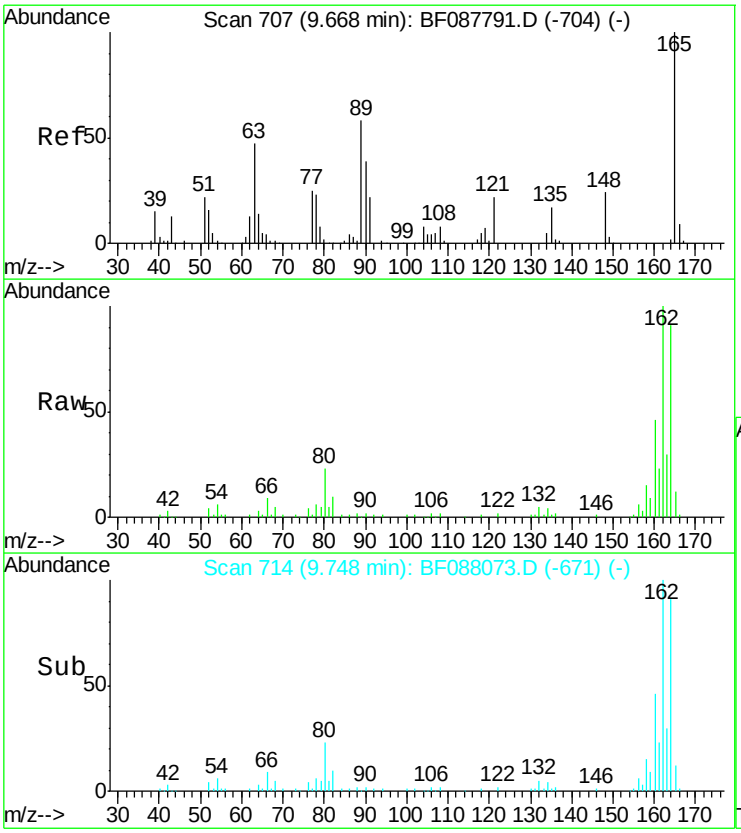
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:154 Resp: 1922

Ion	Ratio	Lower	Upper
154	100		
153	38.4	20.6	60.6
76	19.5	0.0	35.1

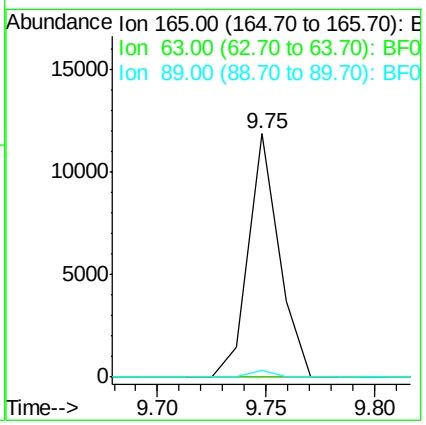


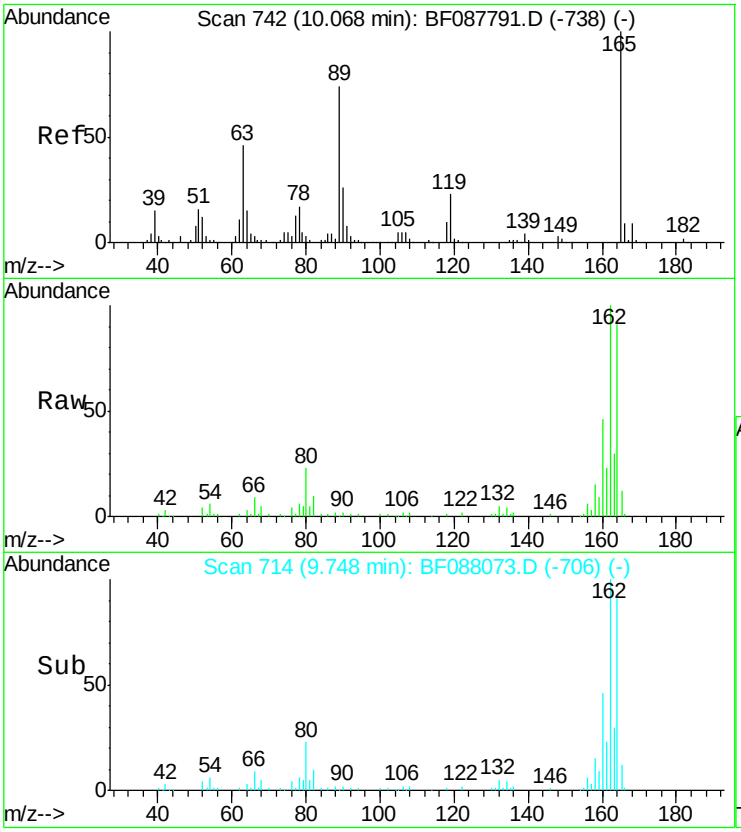


#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.19 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:165 Resp: 11697

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	2.5	32.2	48.2#



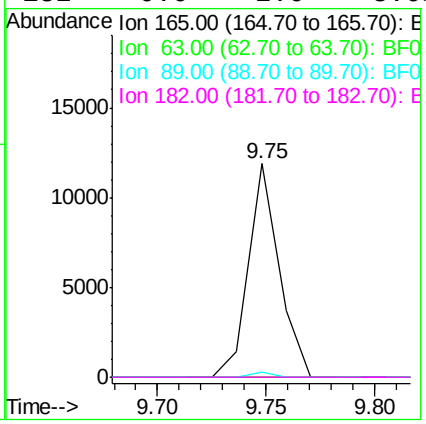


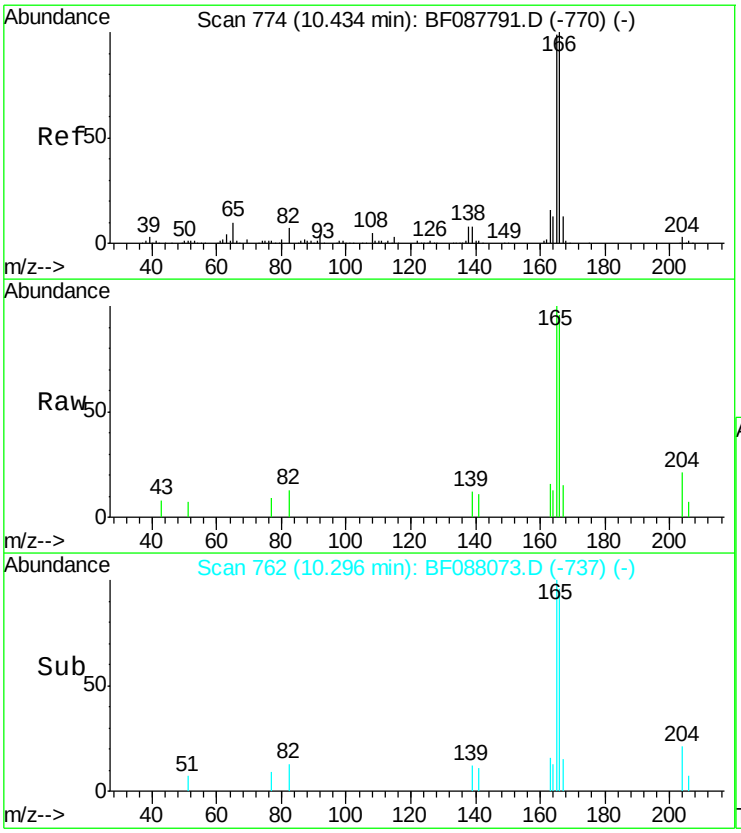
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.21 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:165 Resp: 11697

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	2.5	41.1	61.7#
182	0.0	2.0	3.0#

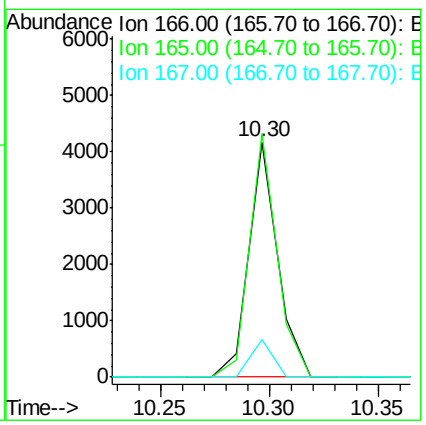


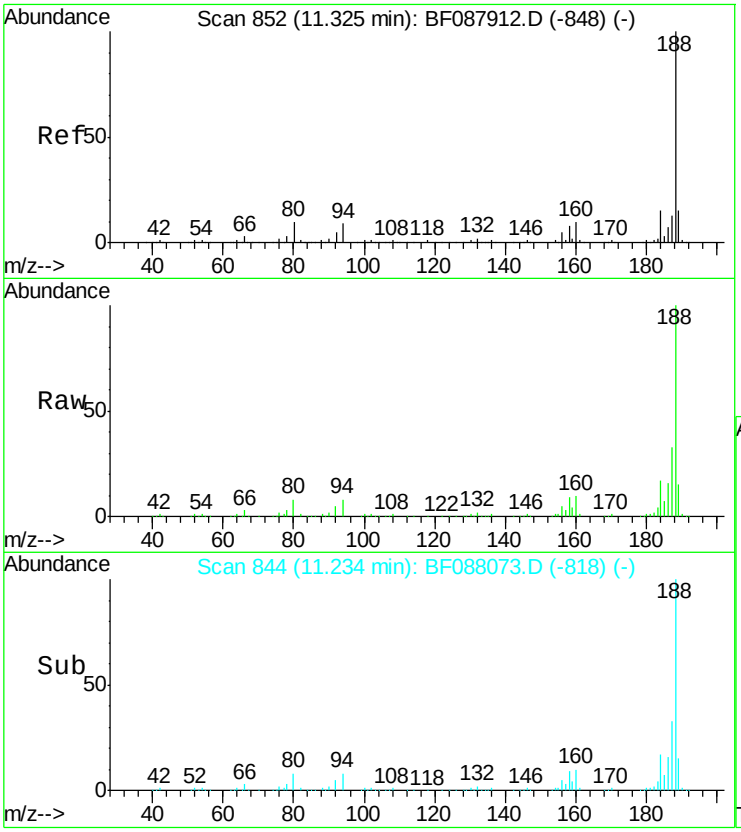


#57
Fluorene
Concen: Below Cal
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:166 Resp: 3858

Ion	Ratio	Lower	Upper
166	100		
165	103.7	77.8	116.8
167	15.9	11.2	16.8



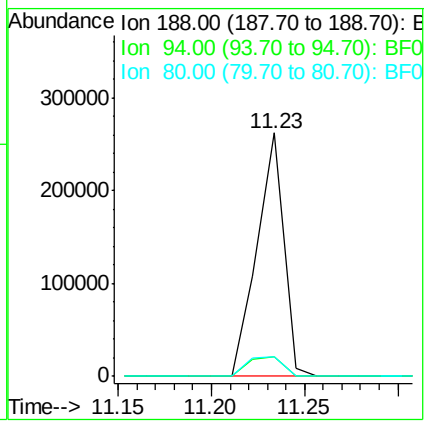


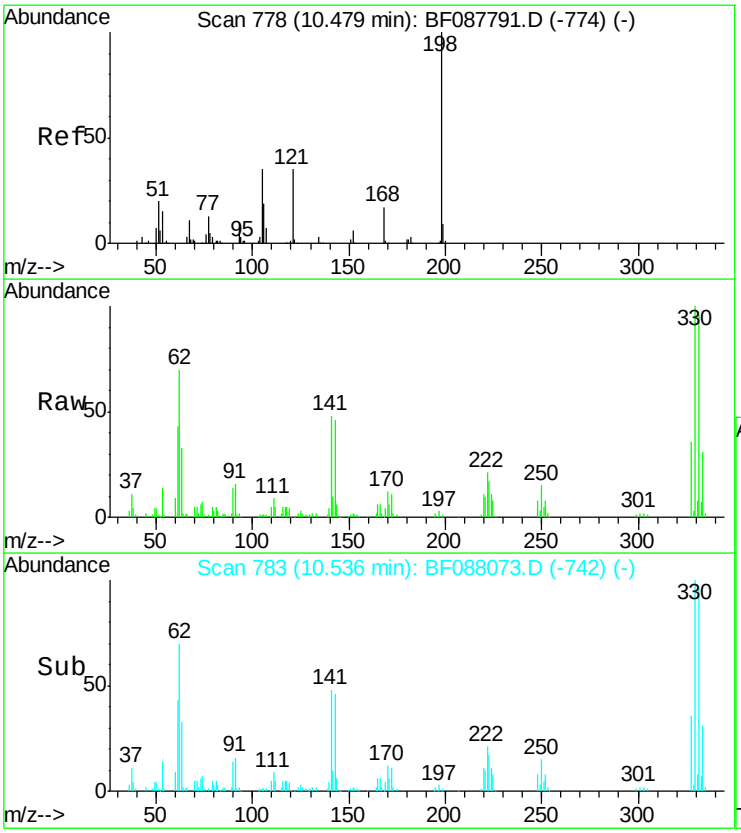
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:188 Resp: 261444

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.0	13.6#
80	8.2	10.0	15.0#

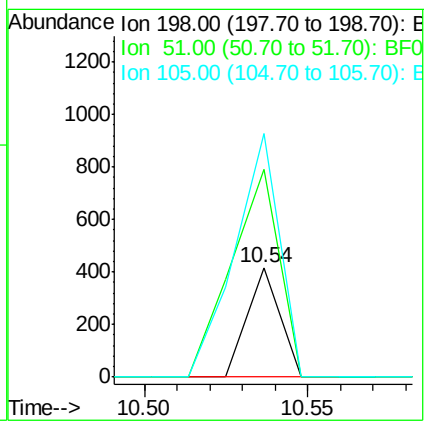


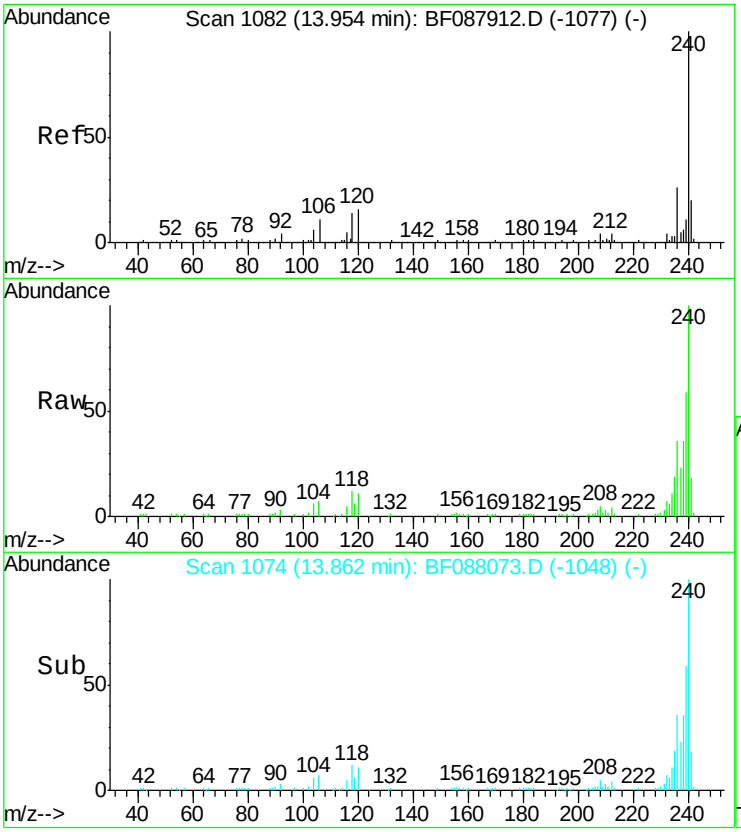


#64
4,6-Dinitro-2-methylphenol
Concen: 2.33 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.17 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:198 Resp: 285

Ion	Ratio	Lower	Upper
198	100		
51	190.1	39.6	79.6#
105	222.8	36.6	76.6#



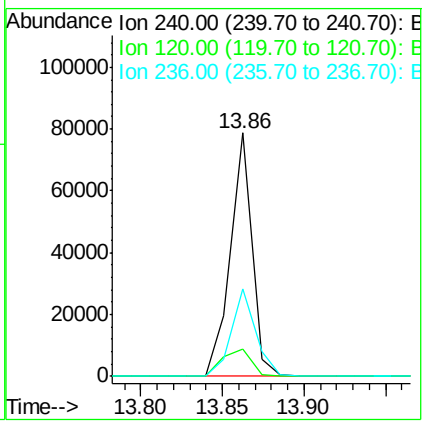


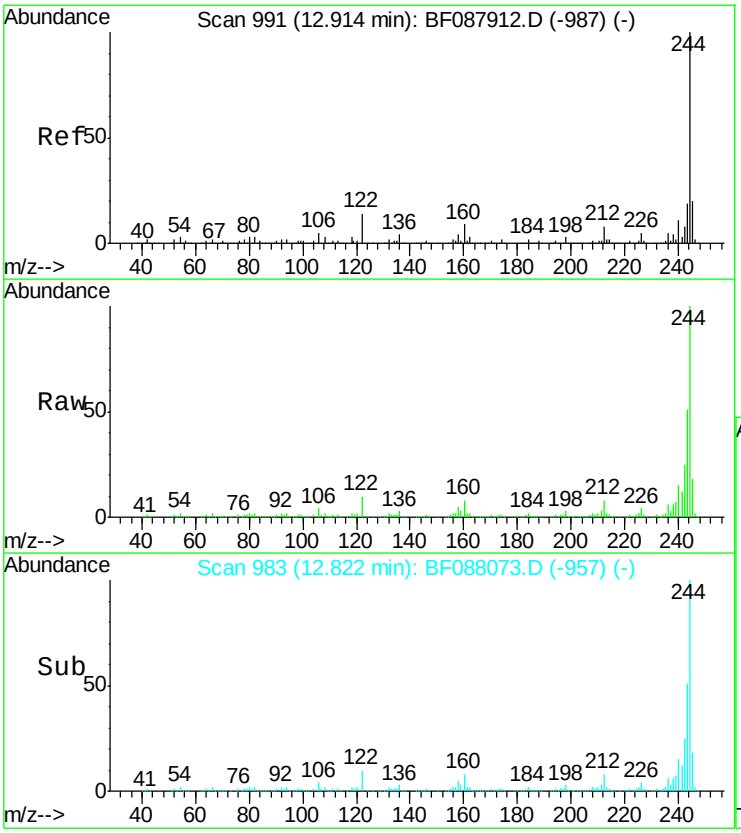
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:240 Resp: 72033

Ion	Ratio	Lower	Upper
240	100		
120	11.1	6.8	10.2#
236	36.2	20.2	30.2#

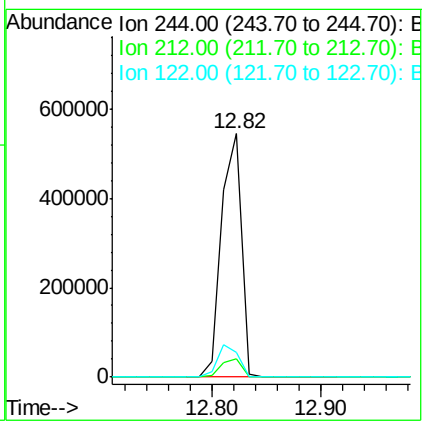


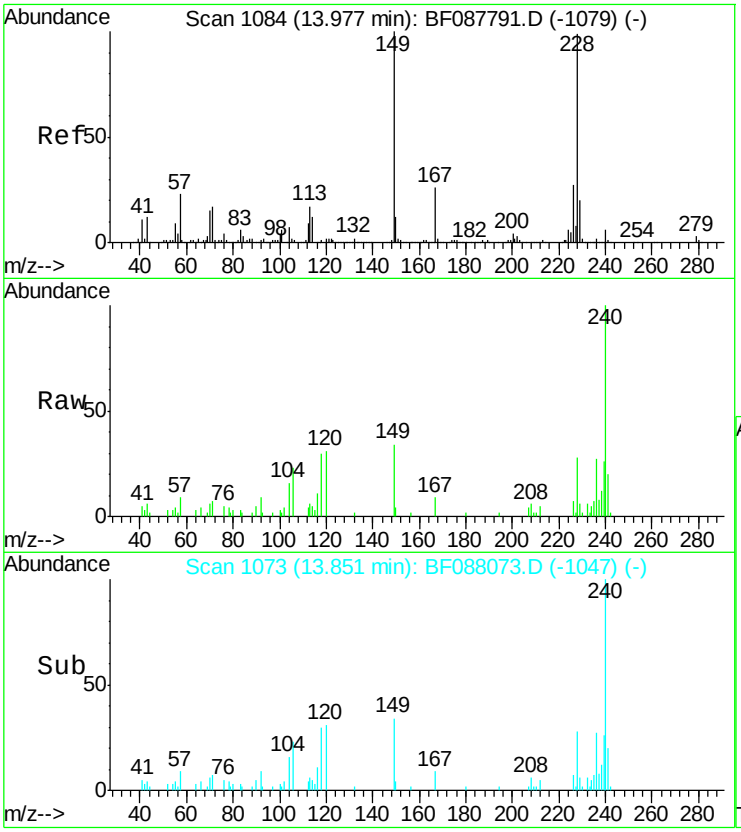


#78
Terphenyl-d14
Concen: 218.64 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:244 Resp: 692101

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	10.3	11.2	16.8#



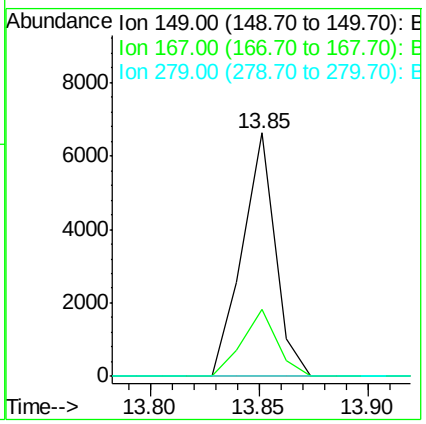


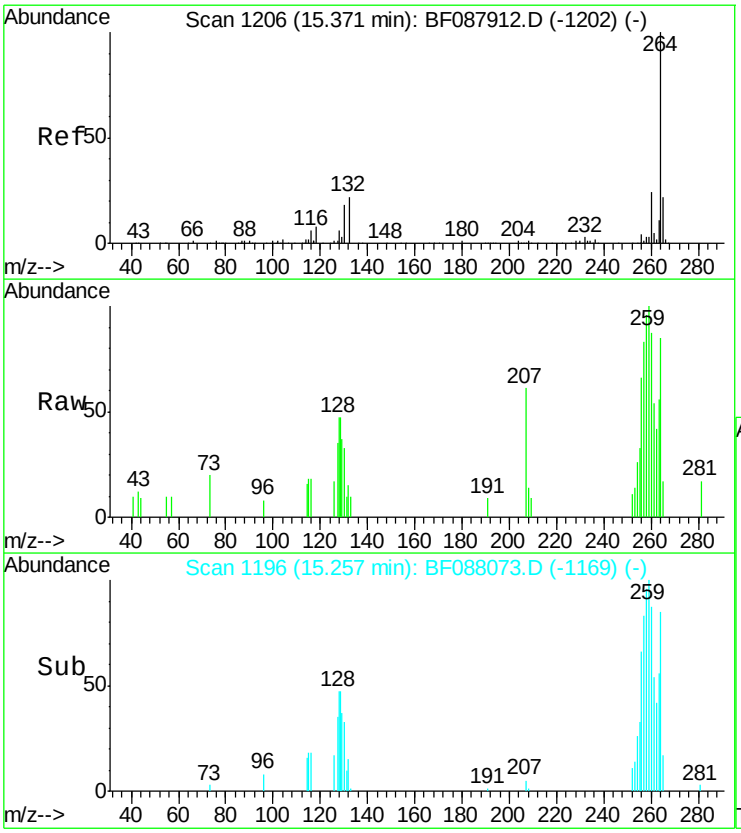
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.43 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:149 Resp: 6994

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.5	30.7
279	0.0	2.0	3.0#

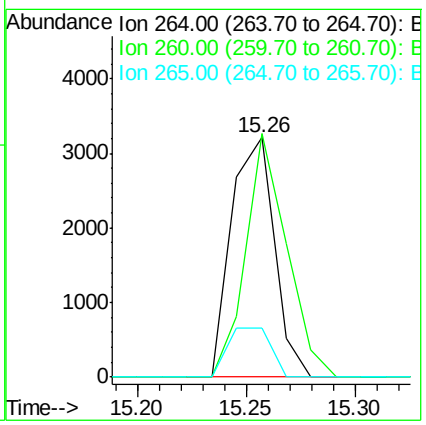


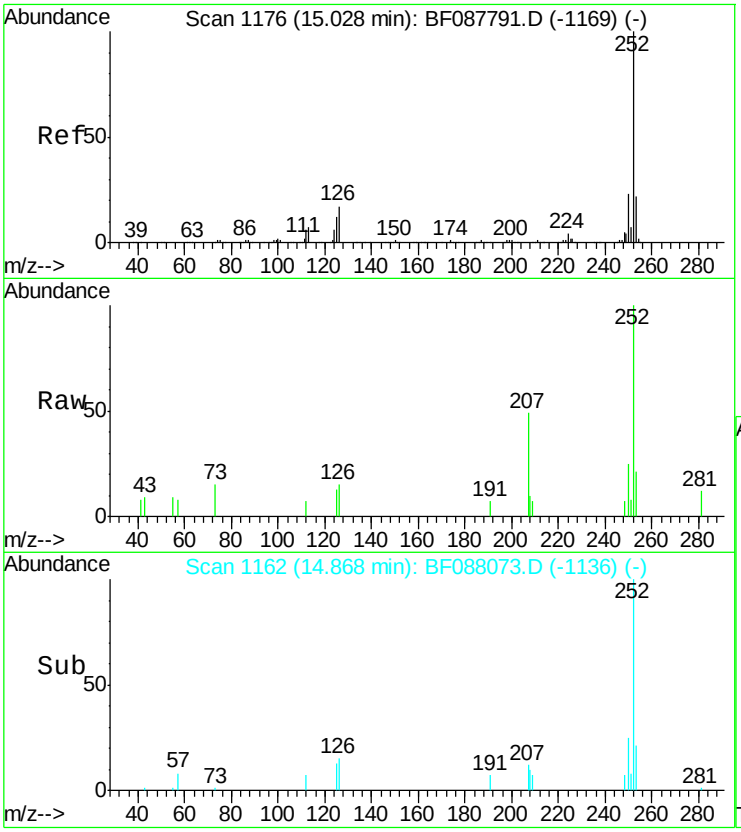


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:264 Resp: 4406

Ion	Ratio	Lower	Upper
264	100		
260	101.8	19.2	28.8#
265	20.4	16.9	25.3



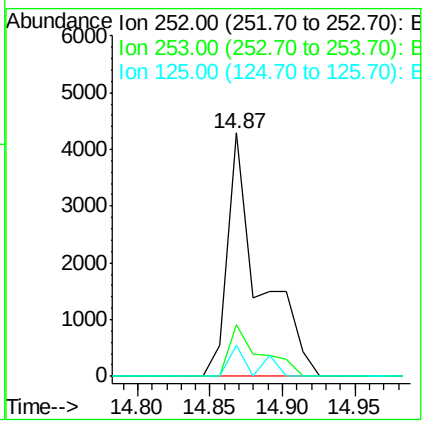


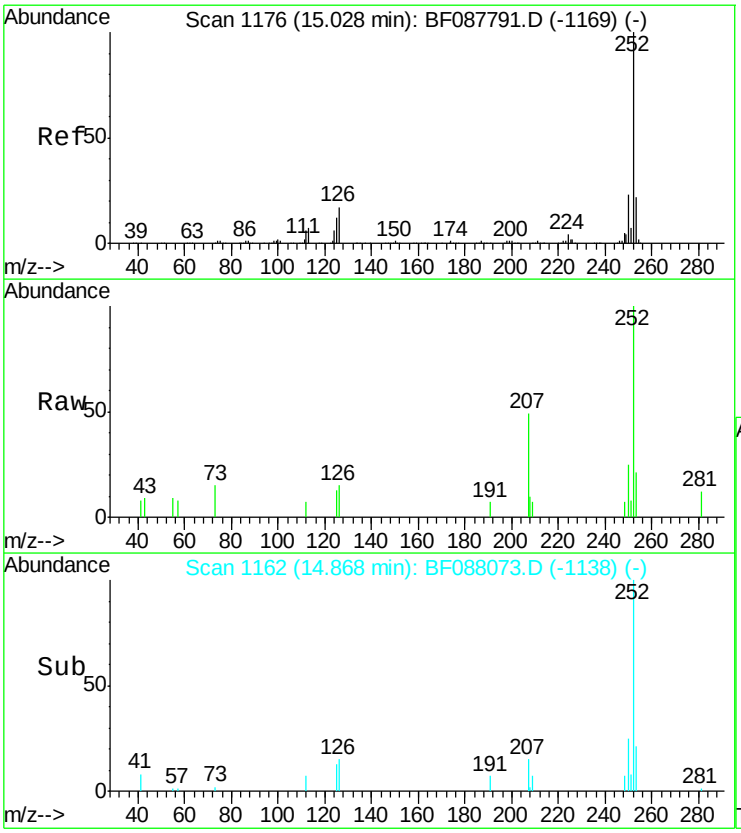
#87
Benzo(b)fluoranthene
Concen: 21.51 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:252 Resp: 6606

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	12.6	7.1	10.7#

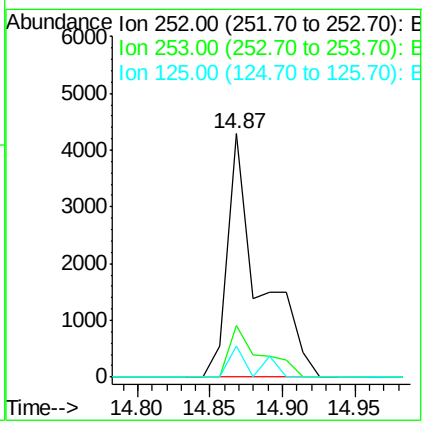


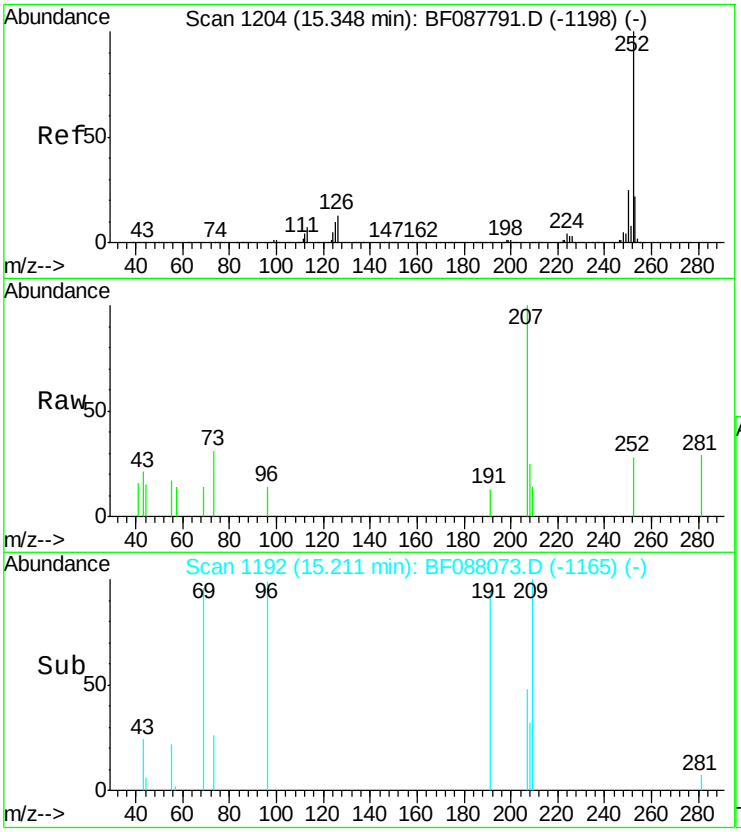


#88
Benzo(k)fluoranthene
Concen: 28.52 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:252 Resp: 6606

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	12.6	11.2	16.8



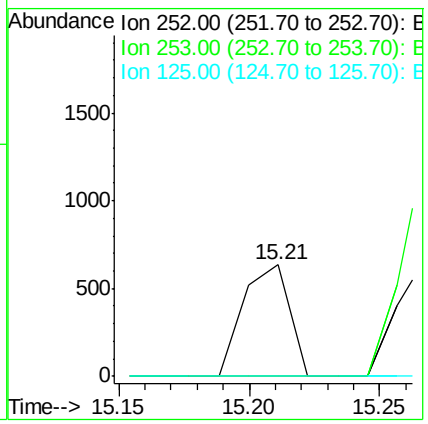


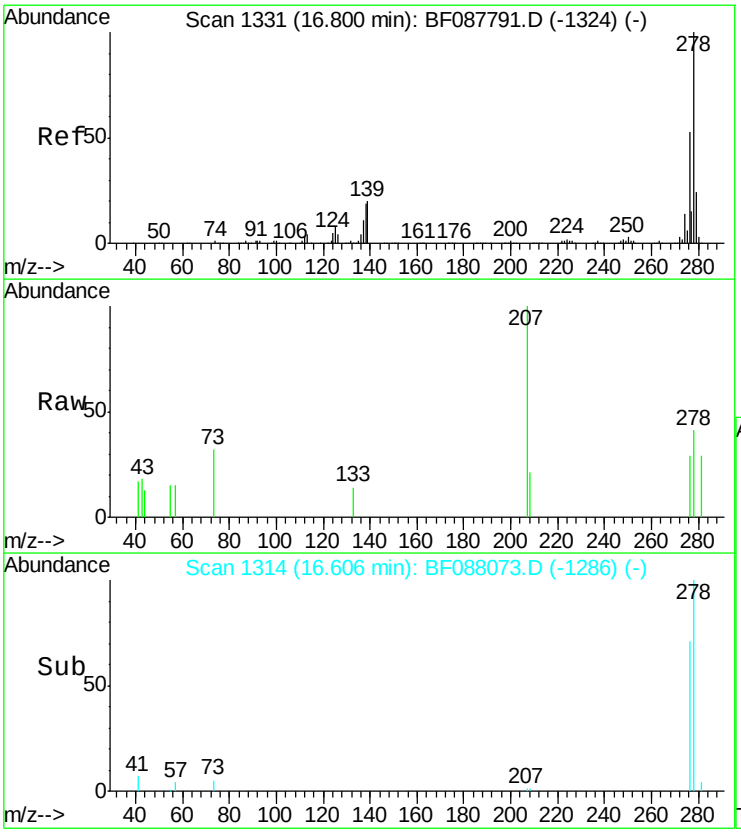
#89
Benzo(a)pyrene
Concen: 3.19 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:252 Resp: 793

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	12.5	18.7#

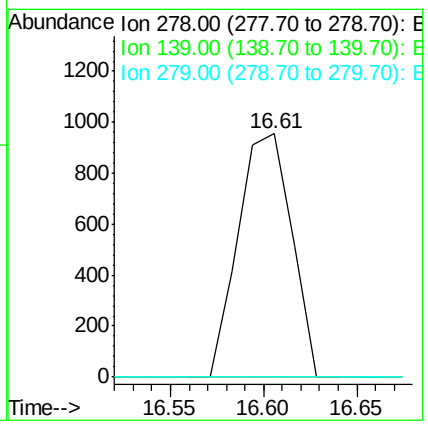


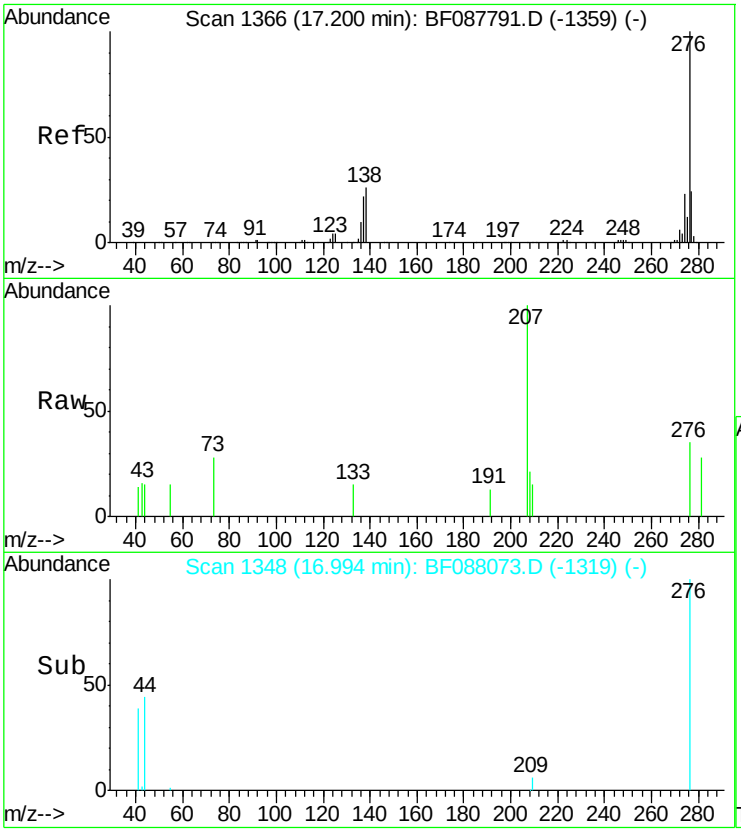


#90
Dibenzo(a,h)anthracene
Concen: 8.29 ng
RT: 16.61 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Tgt Ion:278 Resp: 1912

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.7	23.5#
279	0.0	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 6.72 ng
RT: 16.99 min Scan# 1348
Delta R.T. 0.03 min
Lab File: BF088073.D
Acq: 16 Jun 2016 13:58

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916RE

Tgt Ion:276 Resp: 1596

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.9	28.3#
138	0.0	21.4	32.2#