Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096350.D
Acq On : 30 Jun 2017 21:44
Operator : SJ/MA
Sample : I3908-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 30 23:17:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	155859	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	618063	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	223876	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	315395	20.00	ng		-0.01
75) Chrysene-d12	13.90	240	321484	20.00	ng		-0.01
86) Perylene-d12	15.33	264	240207	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	377508	34.90	ng		-0.02
7) Phenol-d6	6.39	99	464743	35.48	ng		0.00
23) Nitrobenzene-d5	7.31	82	249701	27.97	ng		-0.05
41) 2,4,6-Tribromophenol	10.57	330	71470	40.56	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	403224	32.98	ng		-0.03
78) Terphenyl-d14	12.86	244	260214	20.20	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	7034	Below Cal		#	63
26) 2-Nitrophenol	7.69	139	313	6.11	ng	#	1
31) Naphthalene	8.06	128	119402	4.01	ng		97
32) Benzoic acid	7.73	122	814	8.89	ng		94
37) 2-Methylnaphthalene	8.75	142	84390	4.36	ng		94
49) Dimethylphthalate	9.51	163	96549	6.03	ng		97
53) 2,4-Dinitrophenol	10.09	184	530	8.04	ng	#	4
57) Fluorene	10.34	166	5869	Below Cal		#	97
60) 4-Chlorophenyl-phenylether	10.06	204	221	Below Cal		#	55
64) 4,6-Dinitro-2-methylphenol	10.61	198	430	8.96	ng	#	35
70) Phenanthrene	11.29	178	101423	Below Cal			99
74) Fluoranthene	12.48	202	140331	8.01	ng		96
77) Pyrene	12.71	202	132095	5.00	ng		97
80) Benzo(a)anthracene	13.89	228	76691	3.91	ng		92
82) Chrysene	13.93	228	92793	4.58	ng		96
85) Indeno(1,2,3-cd)pyrene	16.70	276	35091	2.09	ng		96
87) Benzo(b)fluoranthene	14.92	252	158951	10.07	ng	#	92
88) Benzo(k)fluoranthene	14.92	252	158951	11.03	ng		96
89) Benzo(a)pyrene	15.26	252	51804	3.72	ng	#	88
91) Benzo(g,h,i)perylene	17.12	276	33226	2.93	ng	#	91

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

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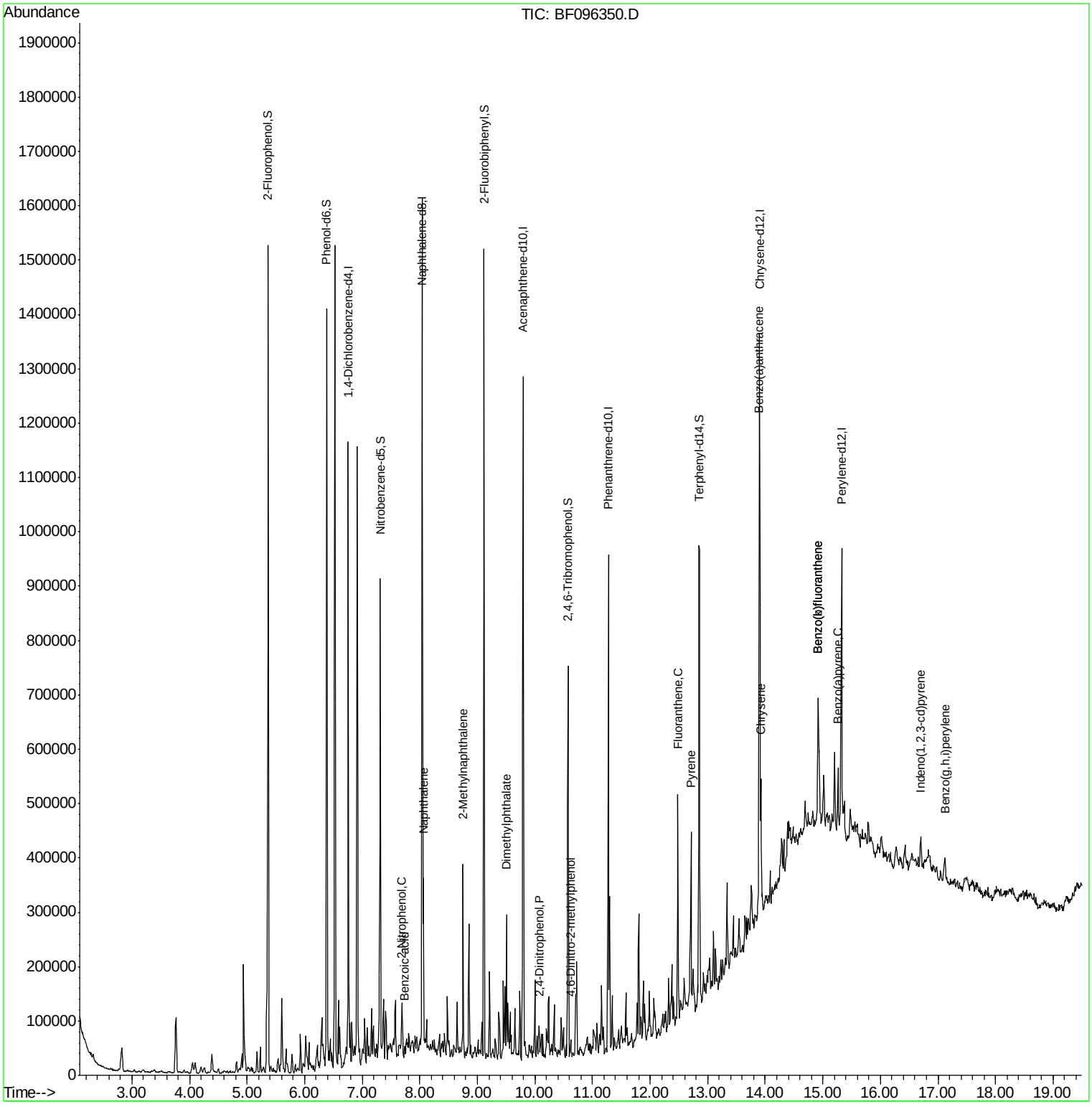
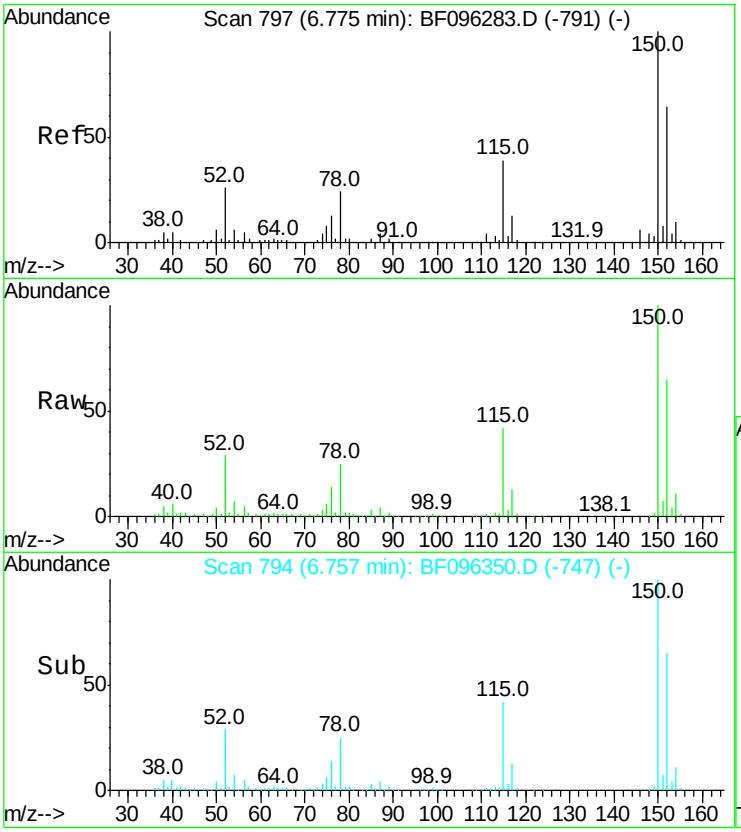


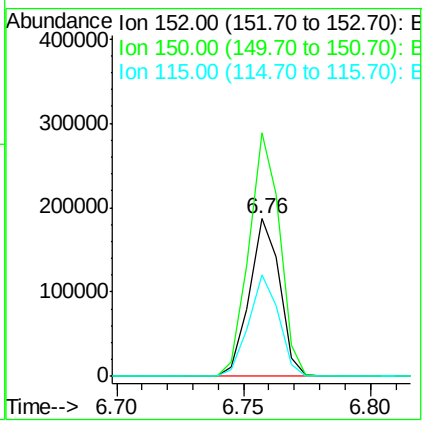


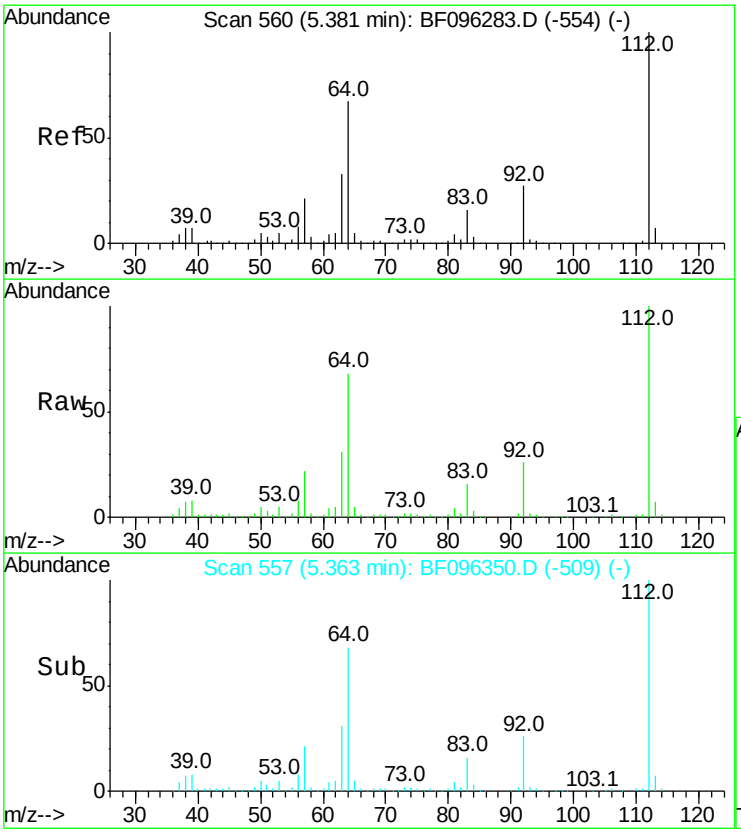
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155859

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	64.8	52.2	78.2

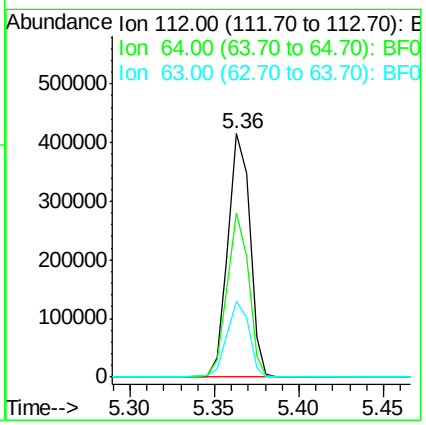


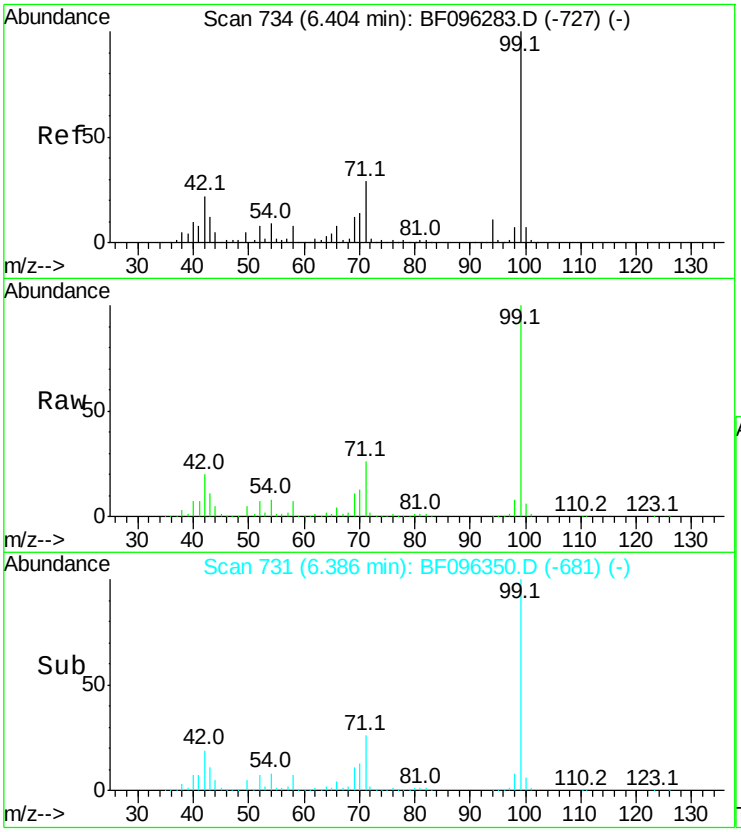


#5
2-Fluorophenol
Concen: 34.90 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:112 Resp: 377508

Ion	Ratio	Lower	Upper
112	100		
64	67.5	46.0	69.0
63	31.4	23.4	35.0



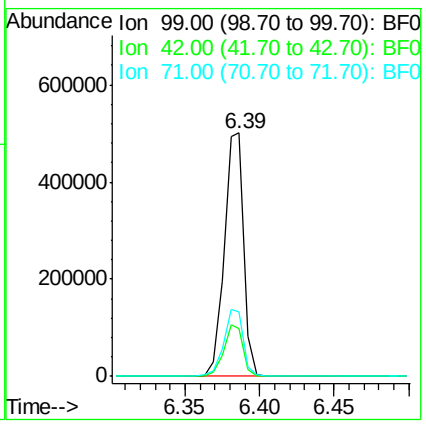


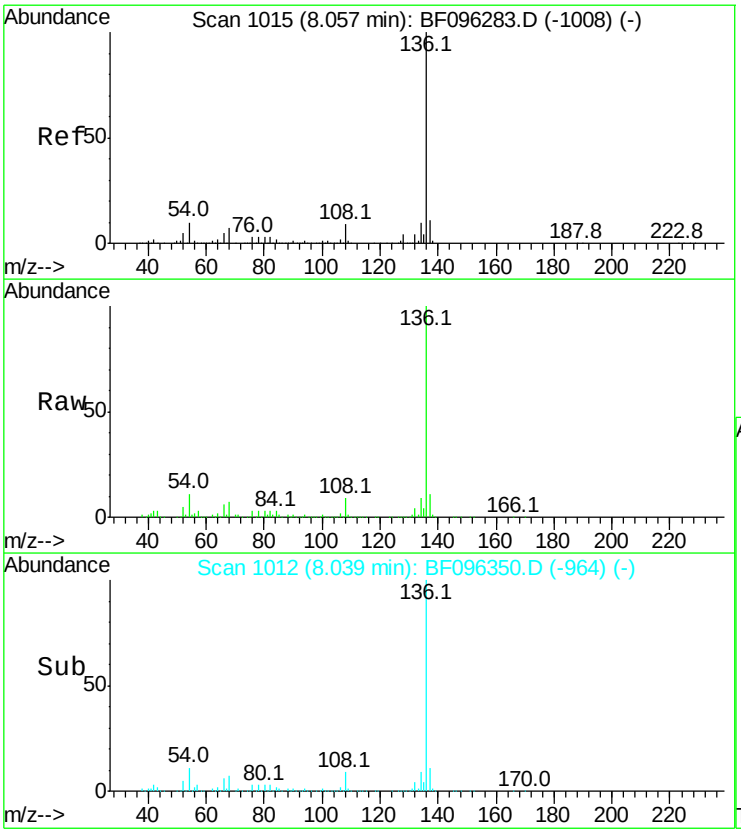
#7
Phenol-d6
Concen: 35.48 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 464743

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	26.3	24.5	36.7

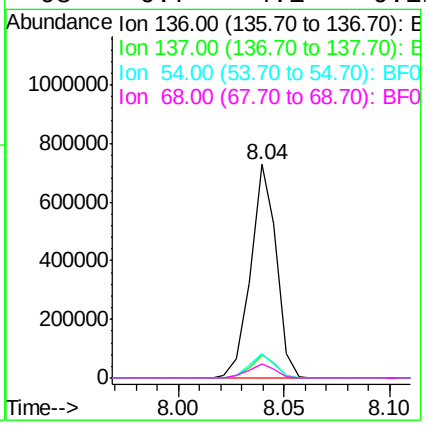


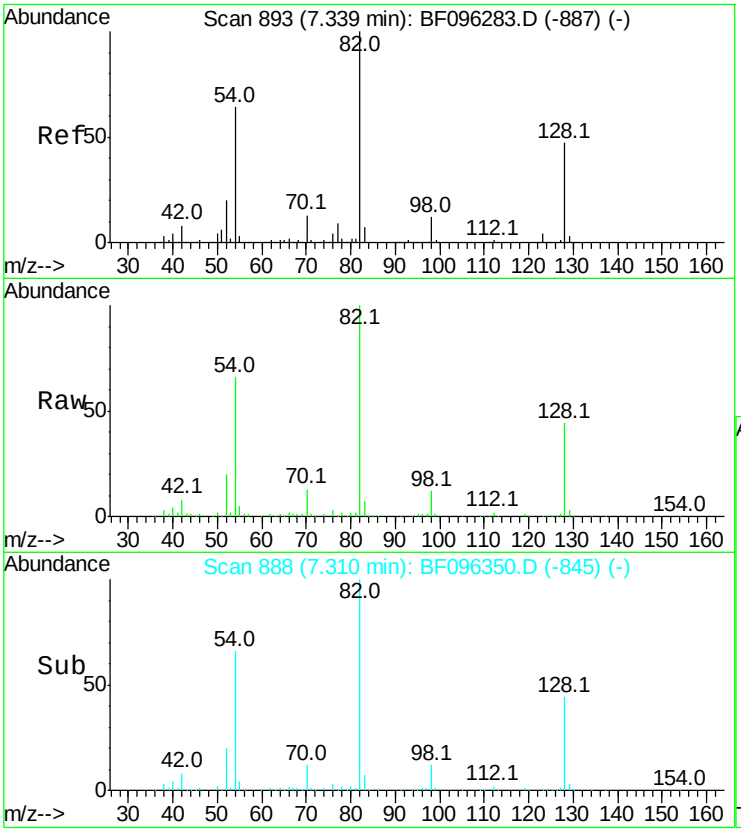


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:136 Resp: 618063

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.2	4.9	7.3#
68	6.7	4.1	6.1#



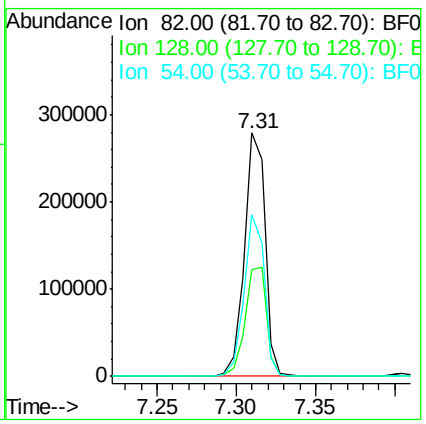


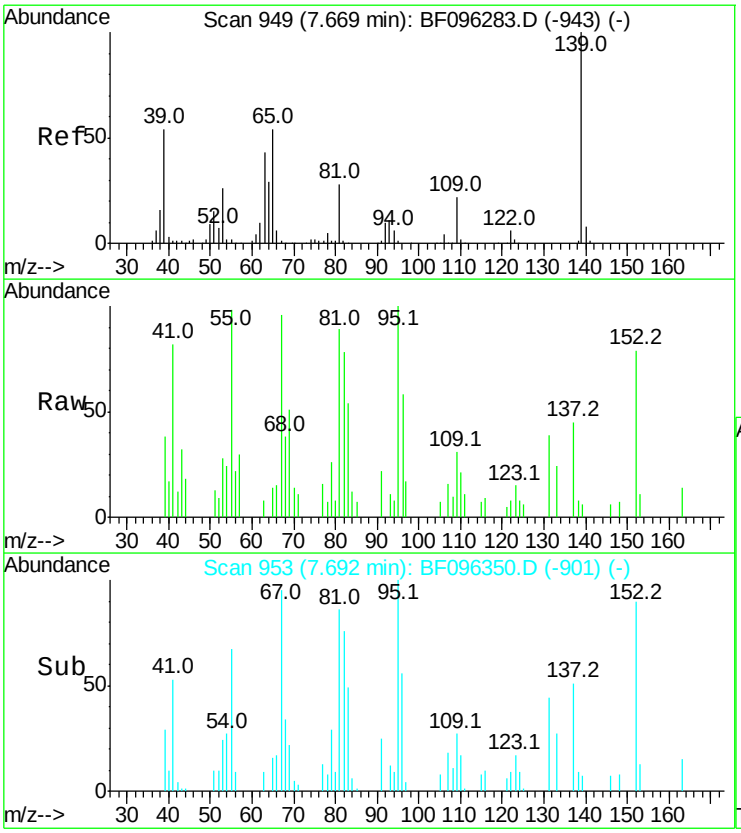
#23
Nitrobenzene-d5
Concen: 27.97 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.05 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 249701

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	66.4	42.2	63.2#

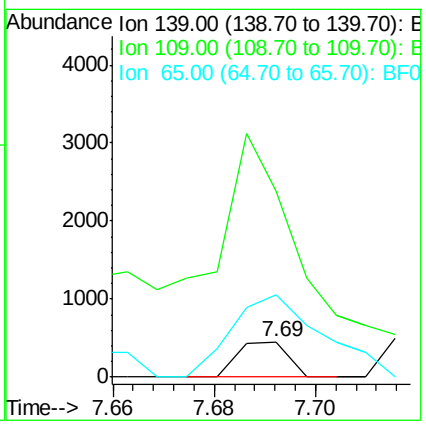


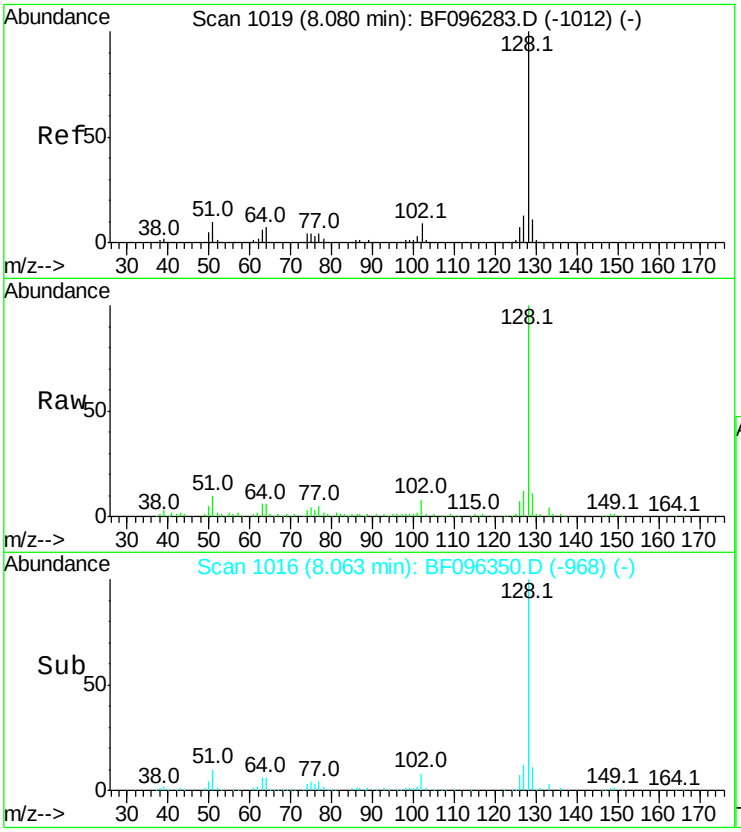


#26
2-Nitrophenol
Concen: 6.11 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:139 Resp: 313

Ion	Ratio	Lower	Upper
139	100		
109	531.9	21.0	31.6#
65	234.2	33.0	49.6#



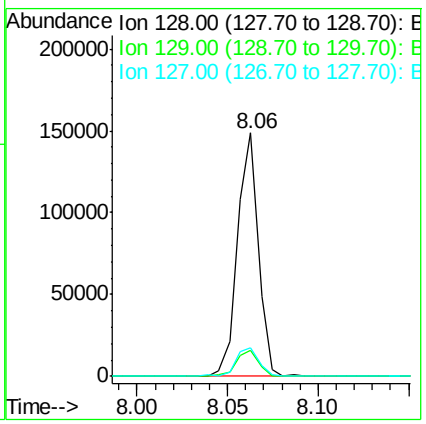


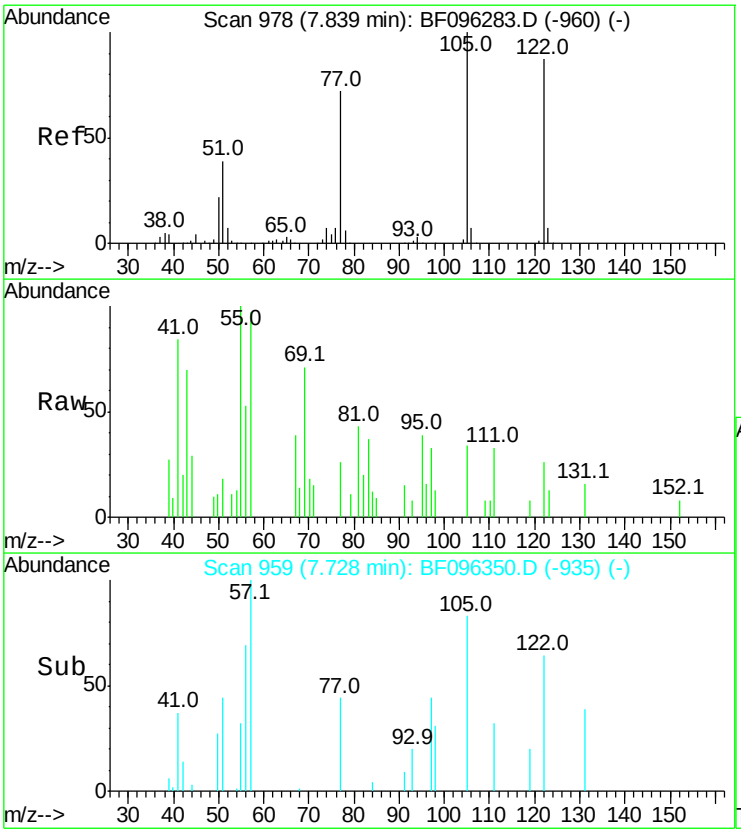
#31
Naphthalene
Concen: 4.01 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 119402

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	11.6	10.8	16.2

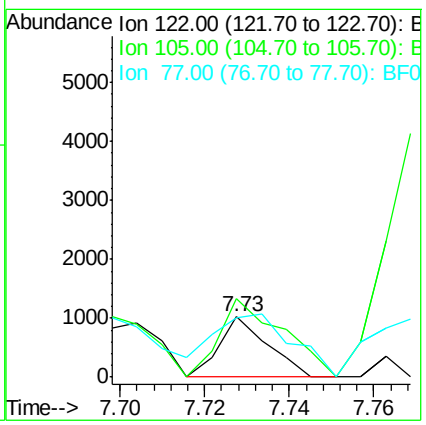


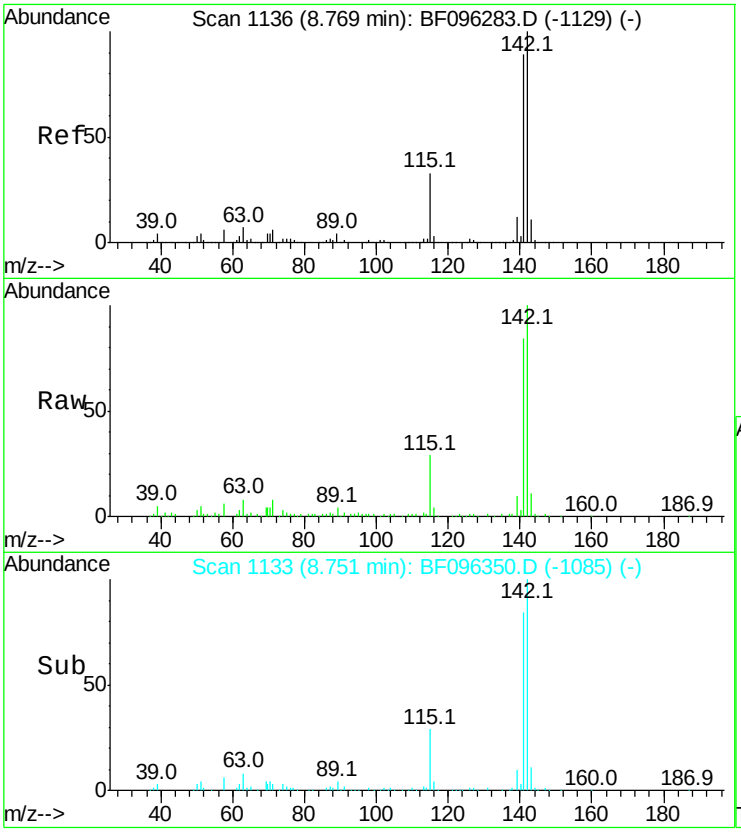


#32
Benzoic acid
Concen: 8.89 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.16 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:122 Resp: 814

Ion	Ratio	Lower	Upper
122	100		
105	130.1	103.3	143.3
77	99.3	73.7	113.7



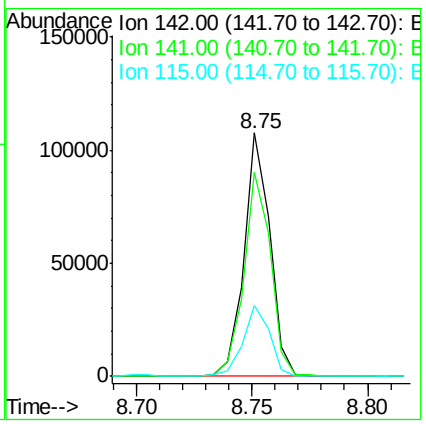


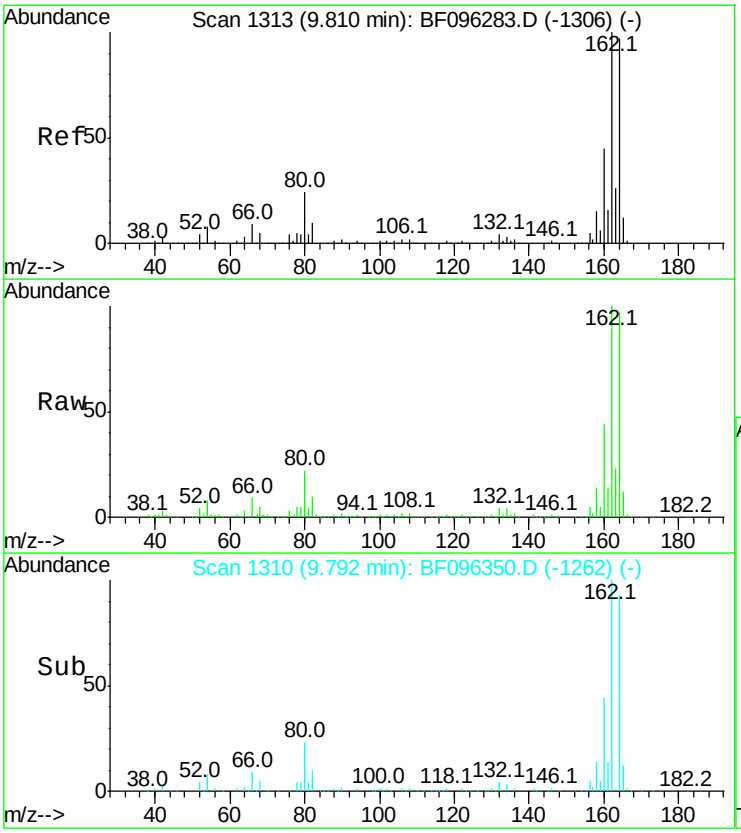
#37
2-Methylnaphthalene
Concen: 4.36 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 84390

Ion	Ratio	Lower	Upper
142	100		
141	83.8	71.3	106.9
115	29.3	27.1	40.7

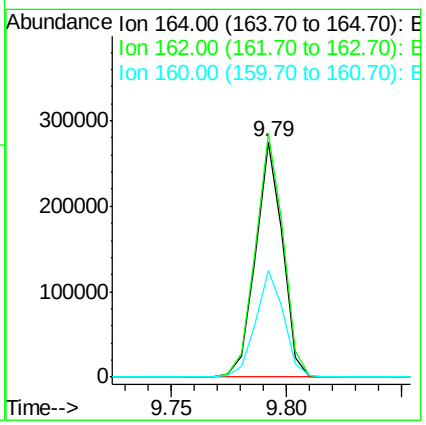


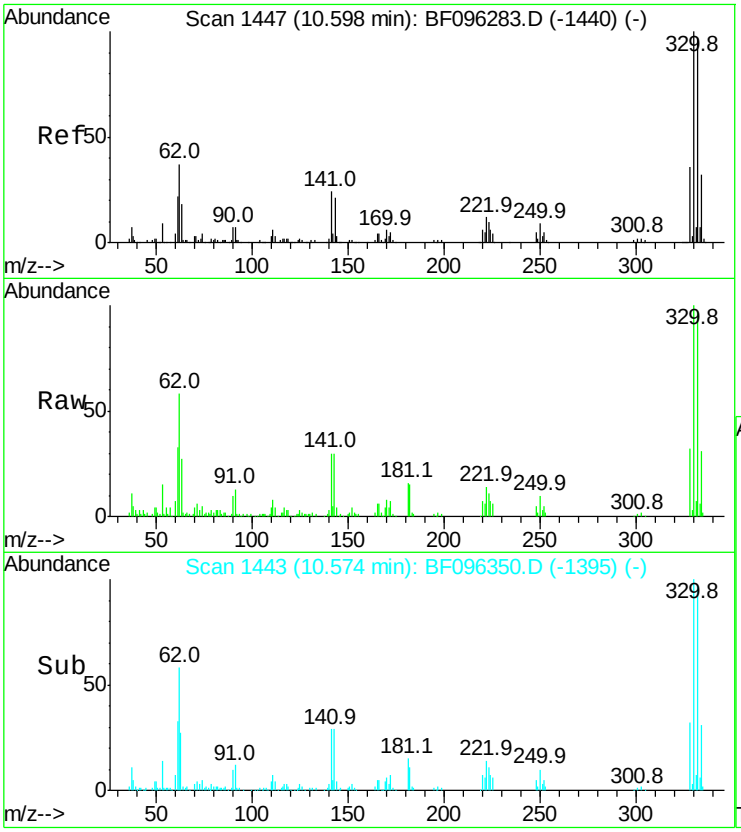


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:164 Resp: 223876

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.1	36.2	54.2



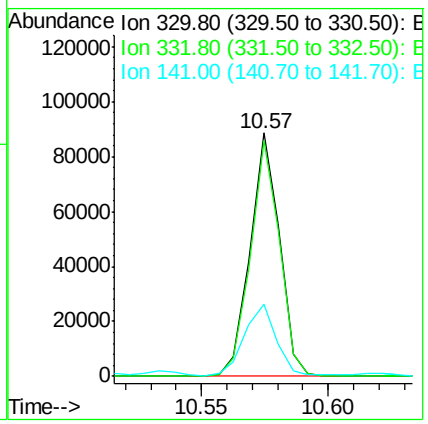


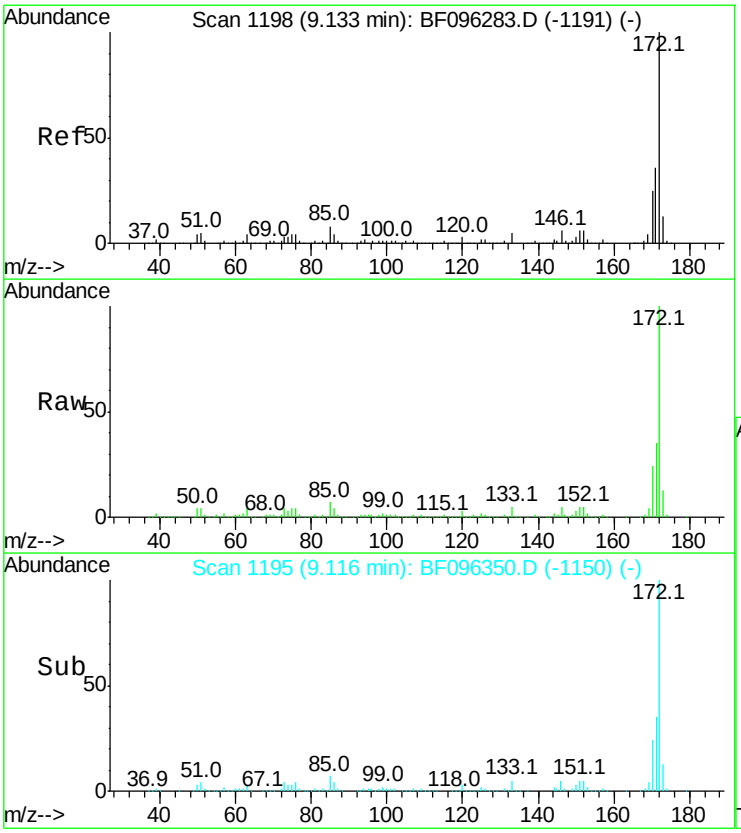
#41
2,4,6-Tribromophenol
Concen: 40.56 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 71470

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	31.6	31.4	47.2

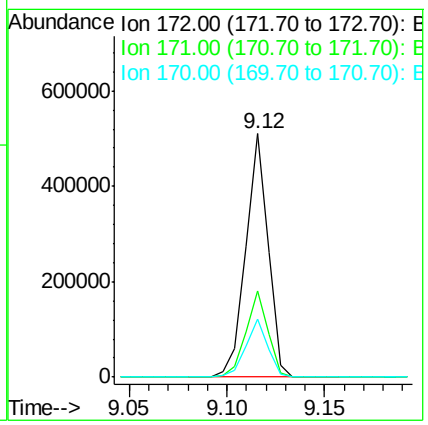


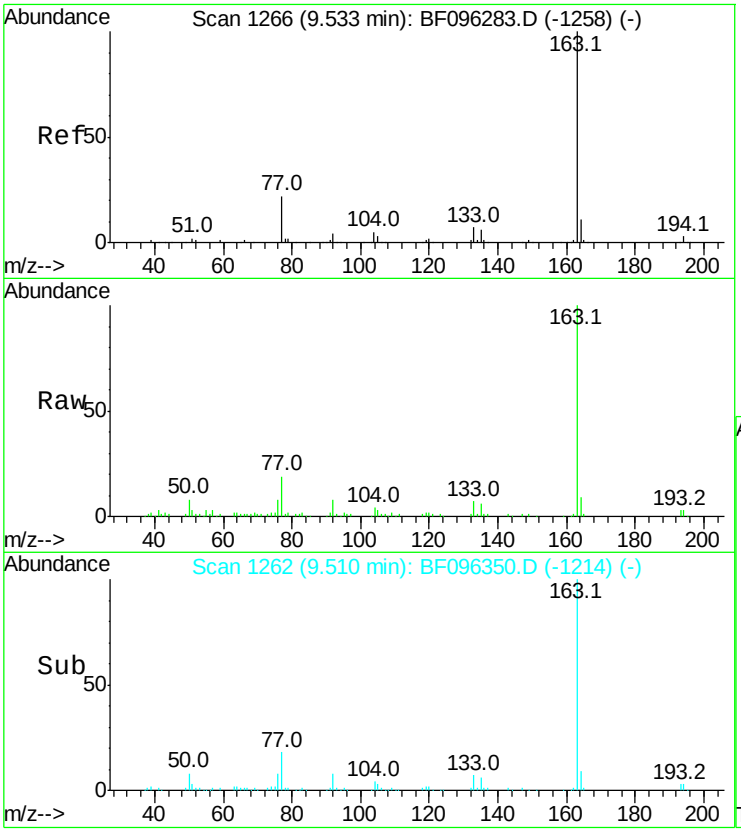


#44
2-Fluorobiphenyl
Concen: 32.98 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:172 Resp: 403224

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.8	19.8	29.8



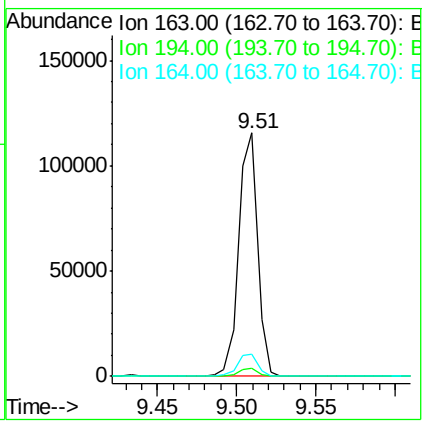


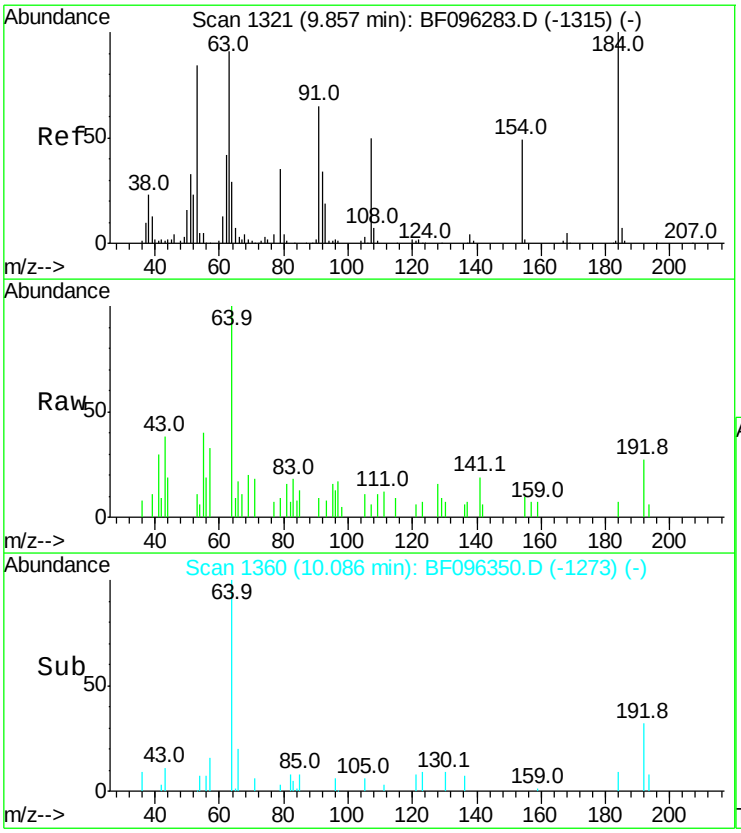
#49
Dimethylphthalate
Concen: 6.03 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 96549

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.0	8.4	12.6

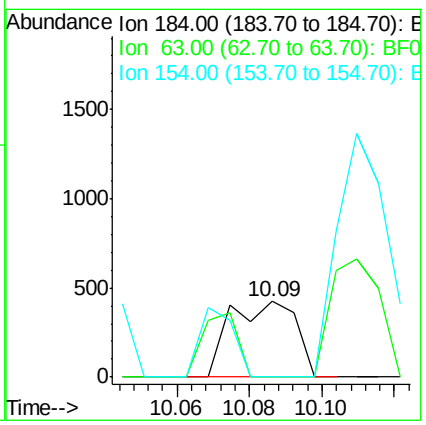


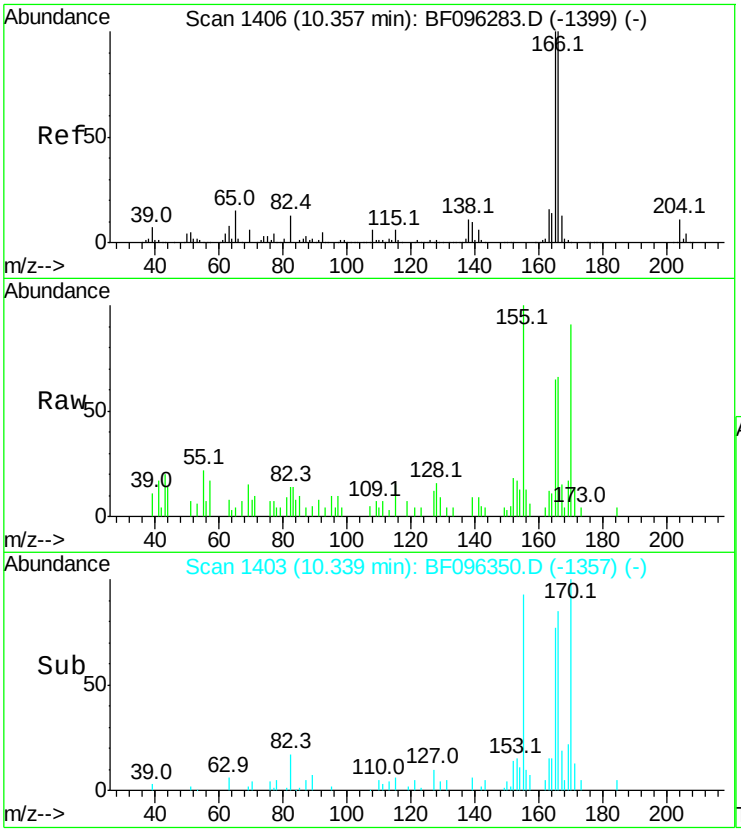


#53
2,4-Dinitrophenol
Concen: 8.04 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.21 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:184 Resp: 530

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



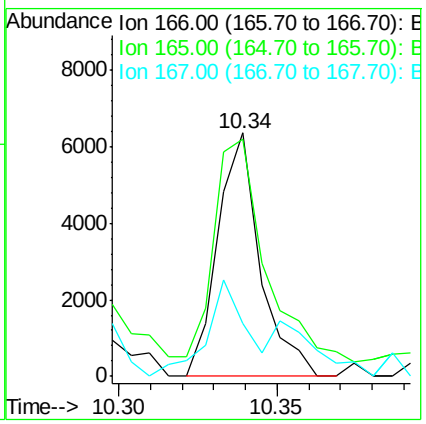


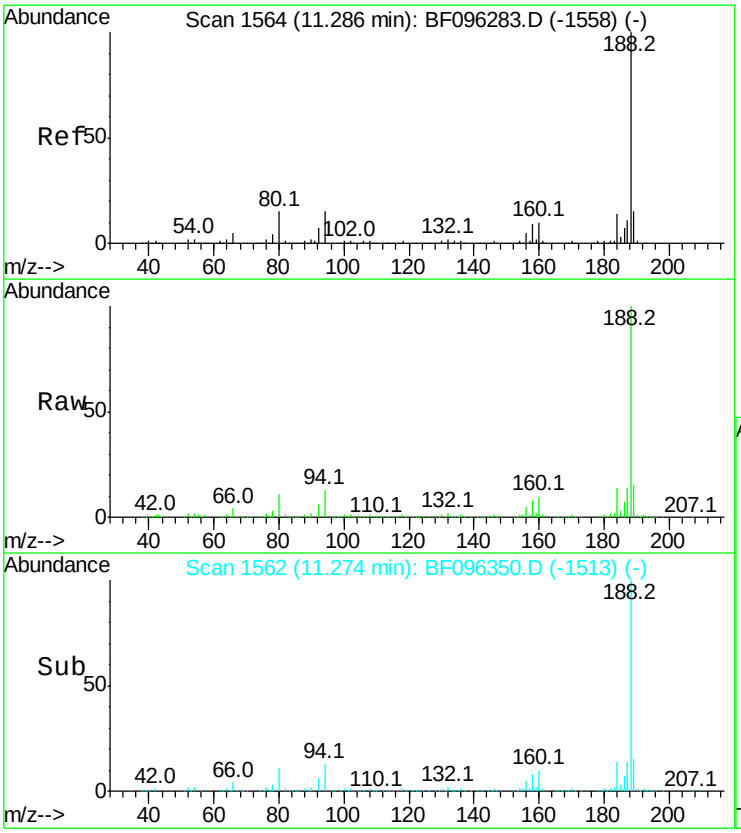
#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 5869

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	21.9	10.6	16.0#

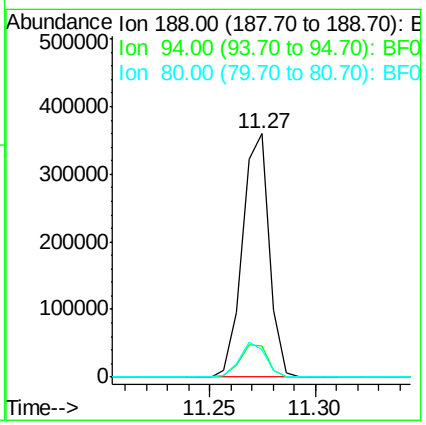


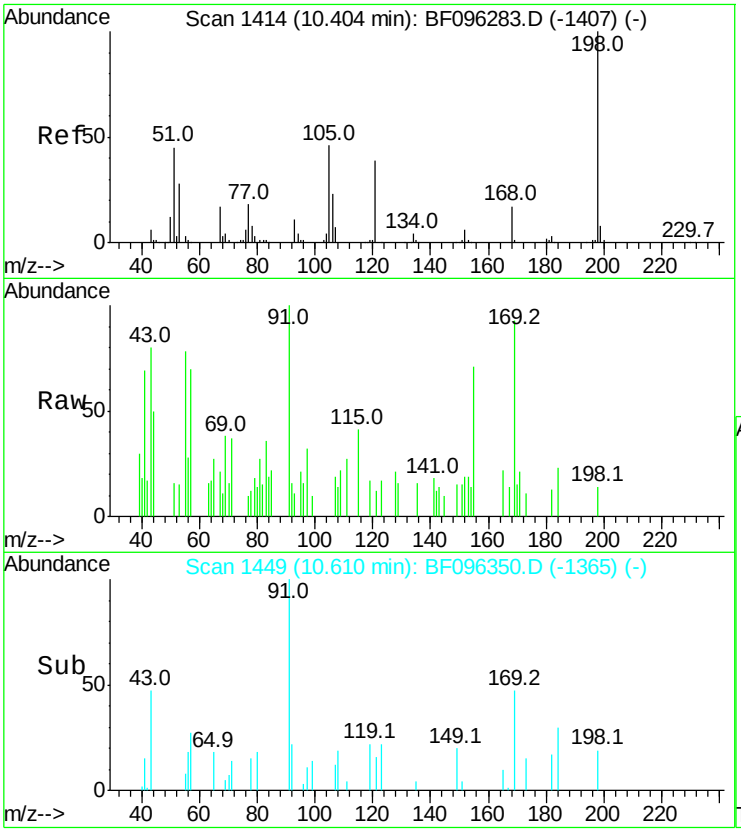


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:188 Resp: 315395

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	11.5	10.2	15.2



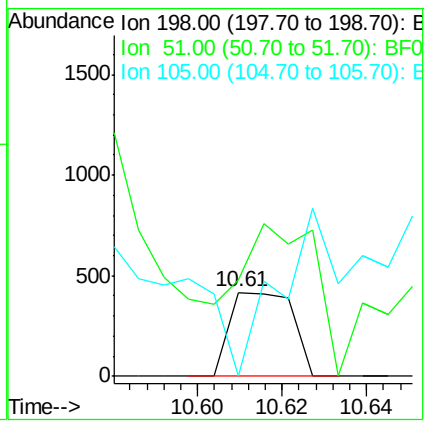


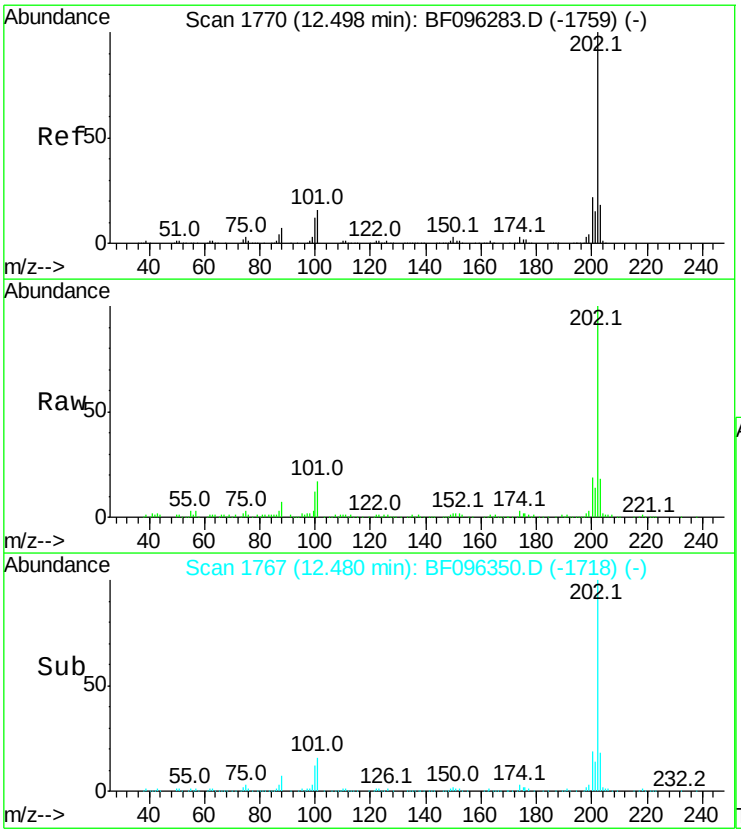
#64
4,6-Dinitro-2-methylphenol
Concen: 8.96 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.19 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 430

Ion	Ratio	Lower	Upper
198	100		
51	114.6	53.2	93.2#
105	0.0	45.8	85.8#

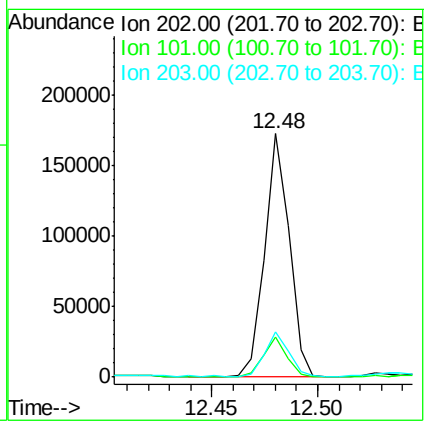


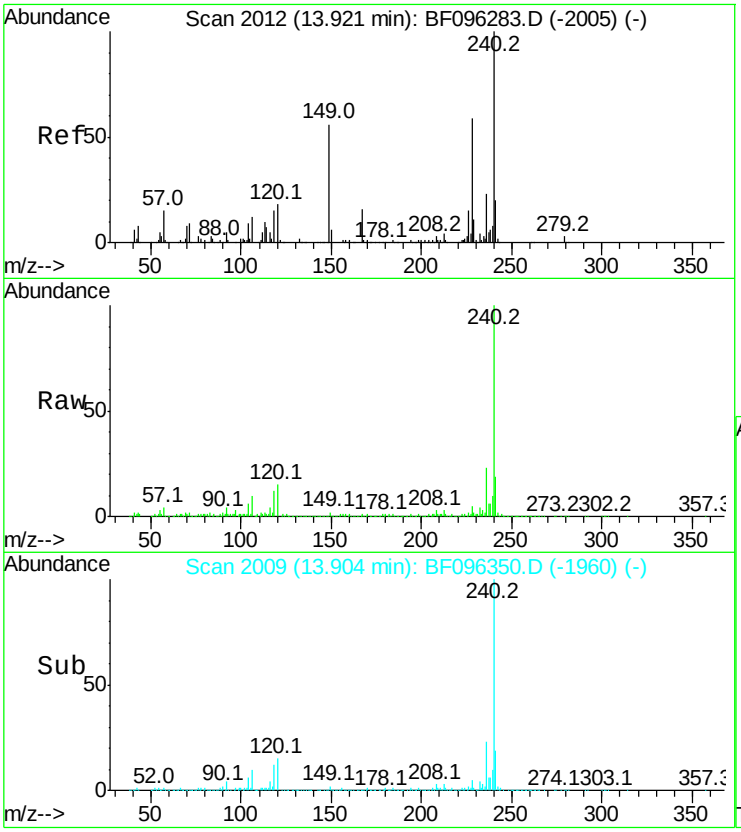


#74
Fluoranthene
Concen: 8.01 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:202 Resp: 140331

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	33.2
203	18.4	0.0	38.1



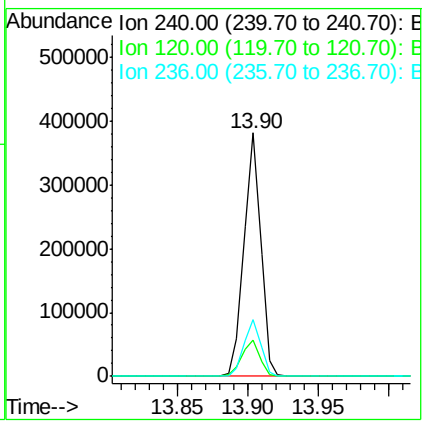


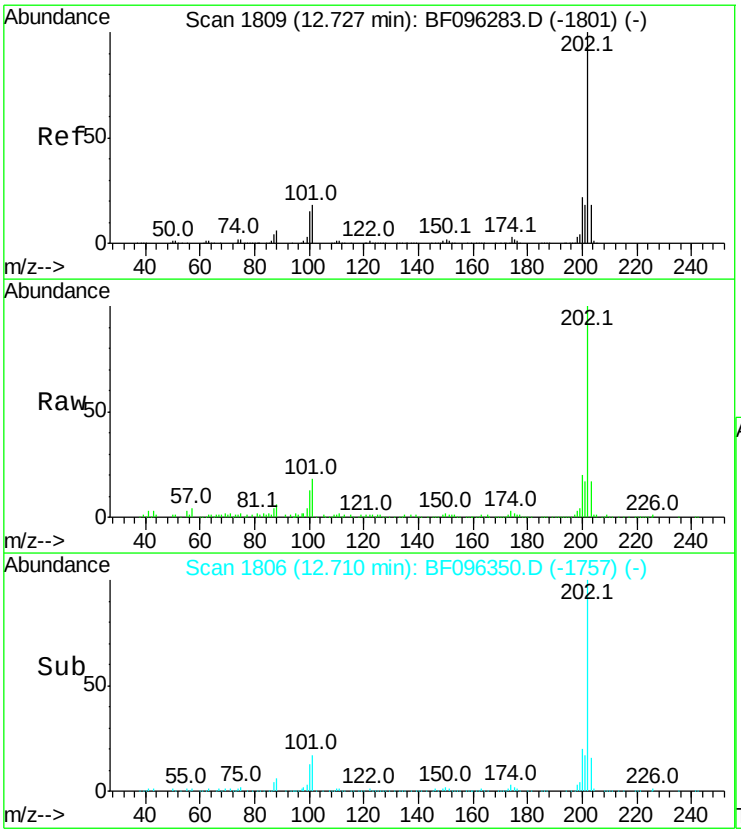
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 321484

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	23.3	20.5	30.7

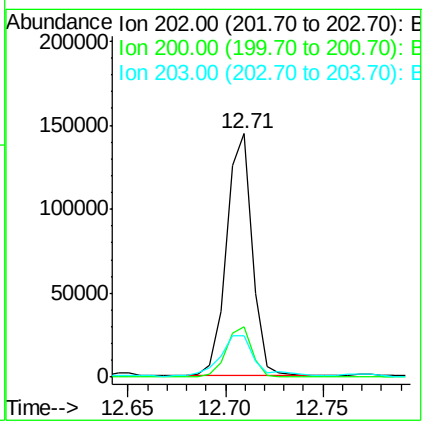


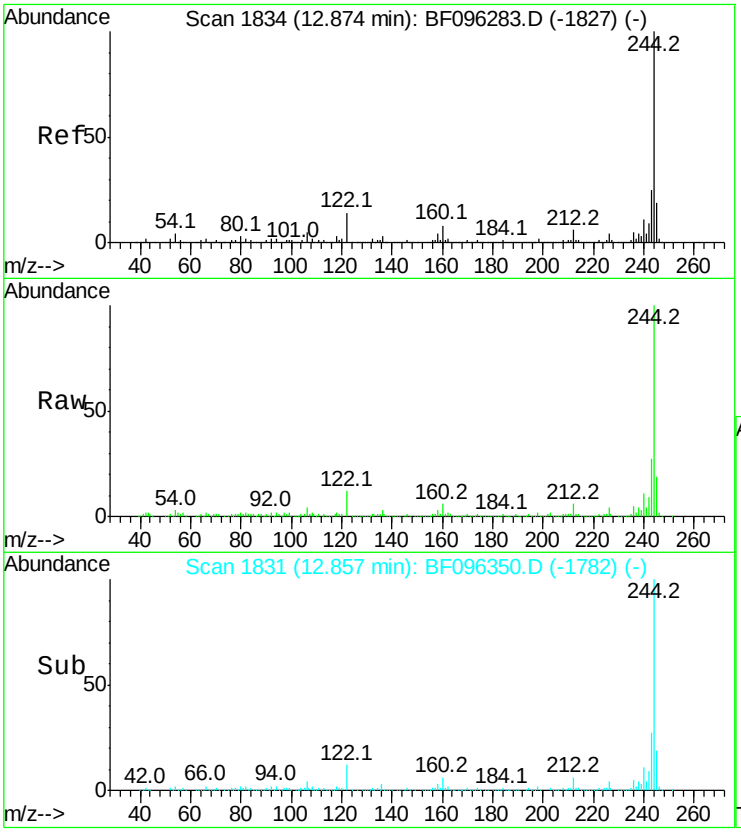


#77
Pyrene
Concen: 5.00 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:202 Resp: 132095

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	16.8	14.4	21.6



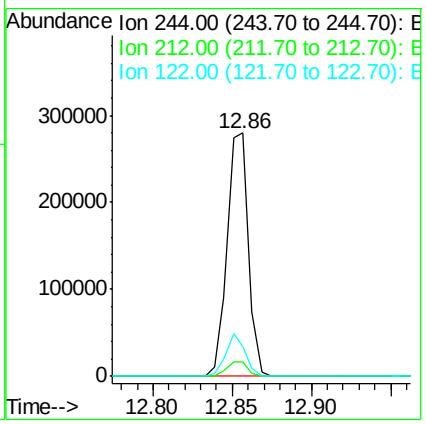


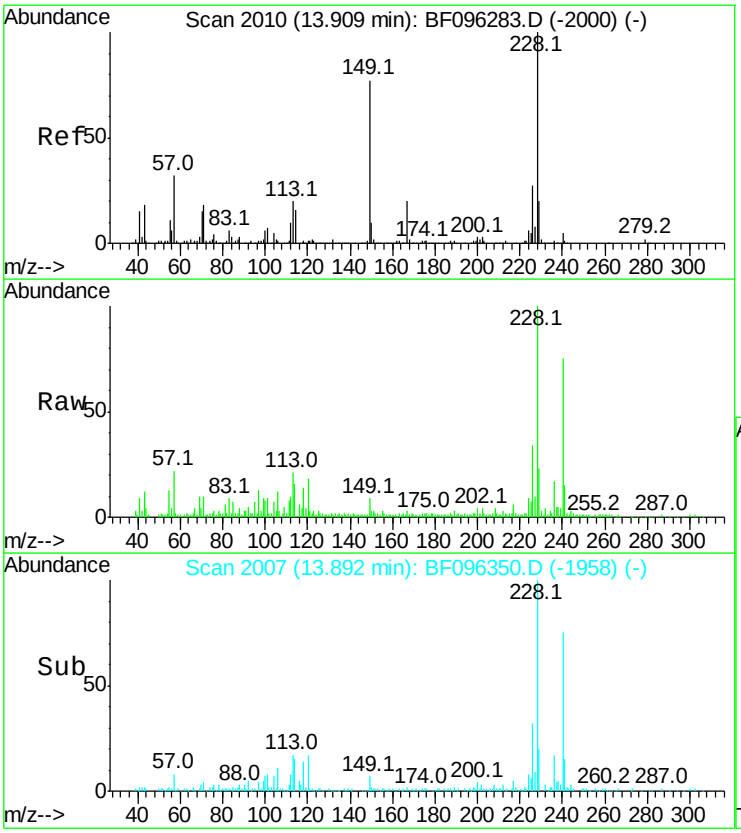
#78
Terphenyl-d14
Concen: 20.20 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 260214

Ion	Ratio	Lower	Upper
244	100		
212	5.9	6.0	9.0#
122	12.2	10.3	15.5

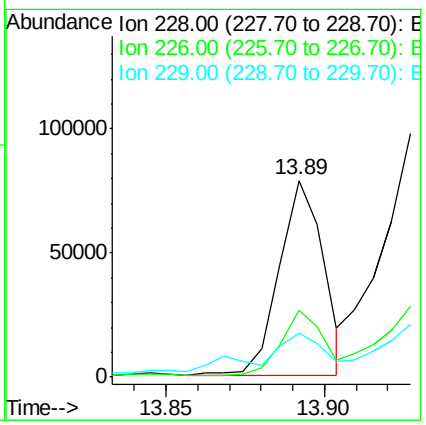


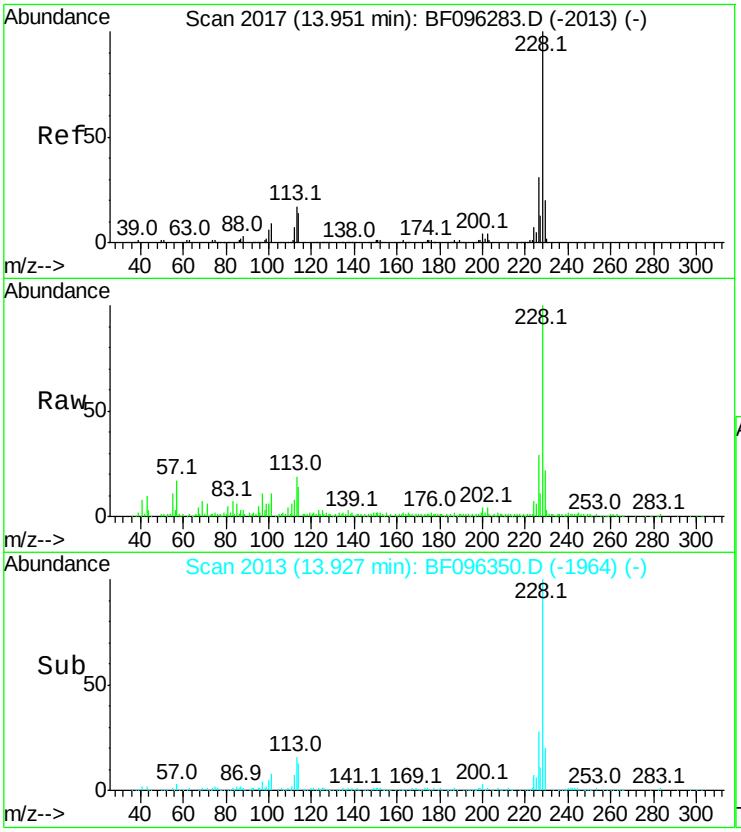


#80
Benzo(a)anthracene
Concen: 3.91 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:228 Resp: 76691

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	33.8
229	22.5	16.3	24.5



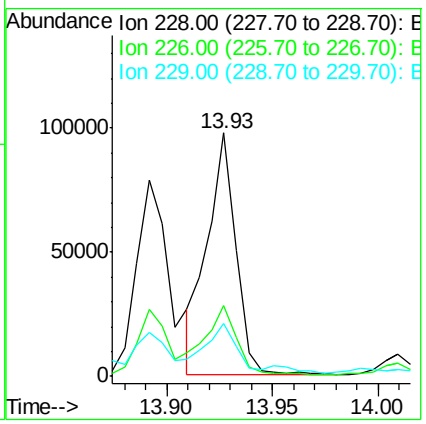


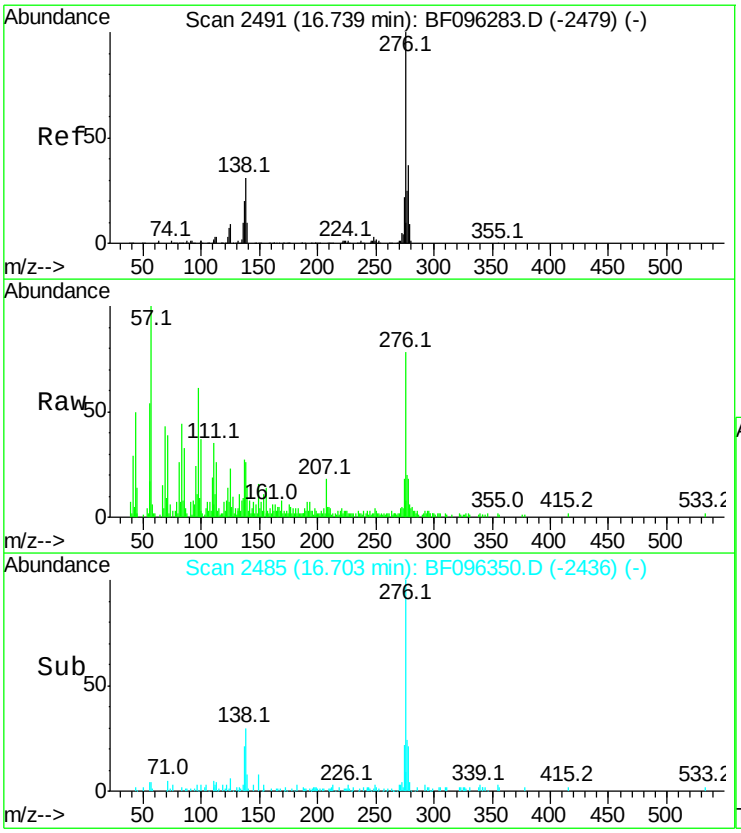
#82
Chrysene
Concen: 4.58 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 92793

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	21.5	15.8	23.6

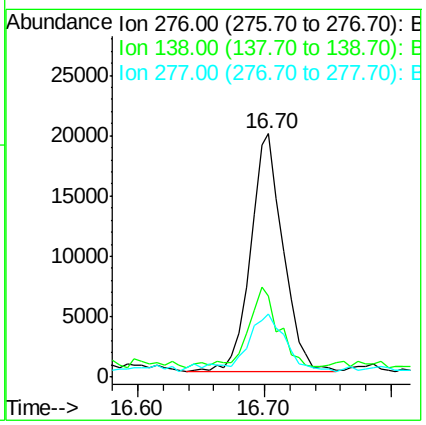


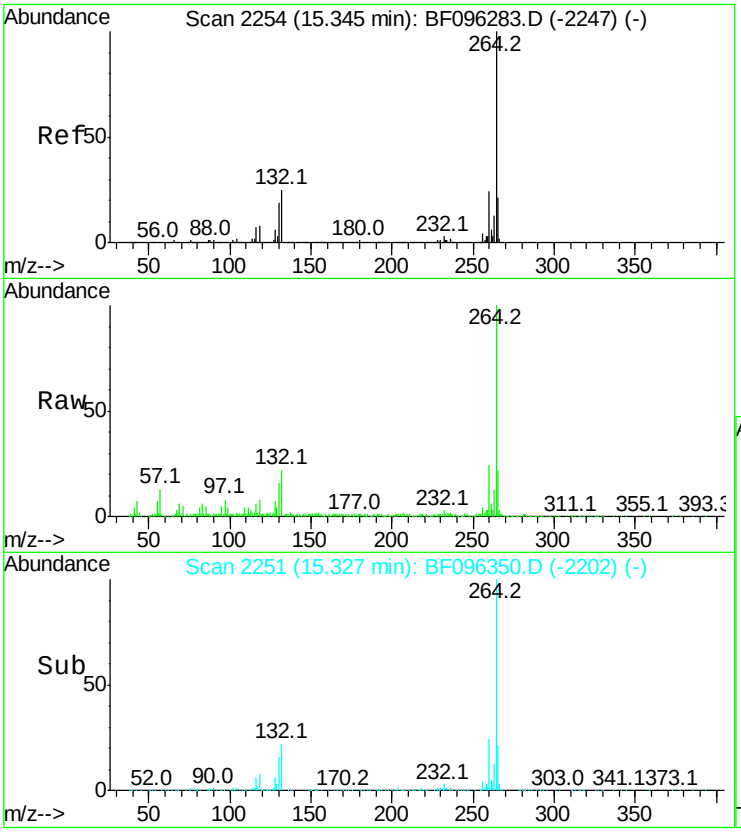


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.09 ng
RT: 16.70 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:276 Resp: 35091

Ion	Ratio	Lower	Upper
276	100		
138	32.3	27.8	41.6
277	26.8	20.2	30.4



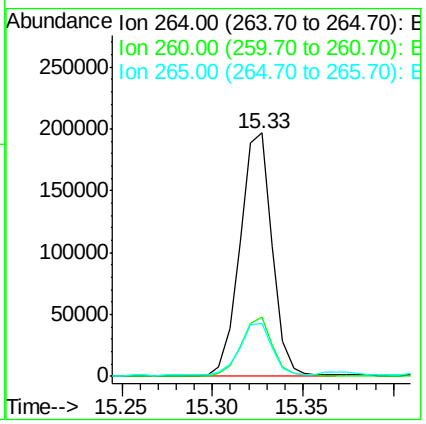


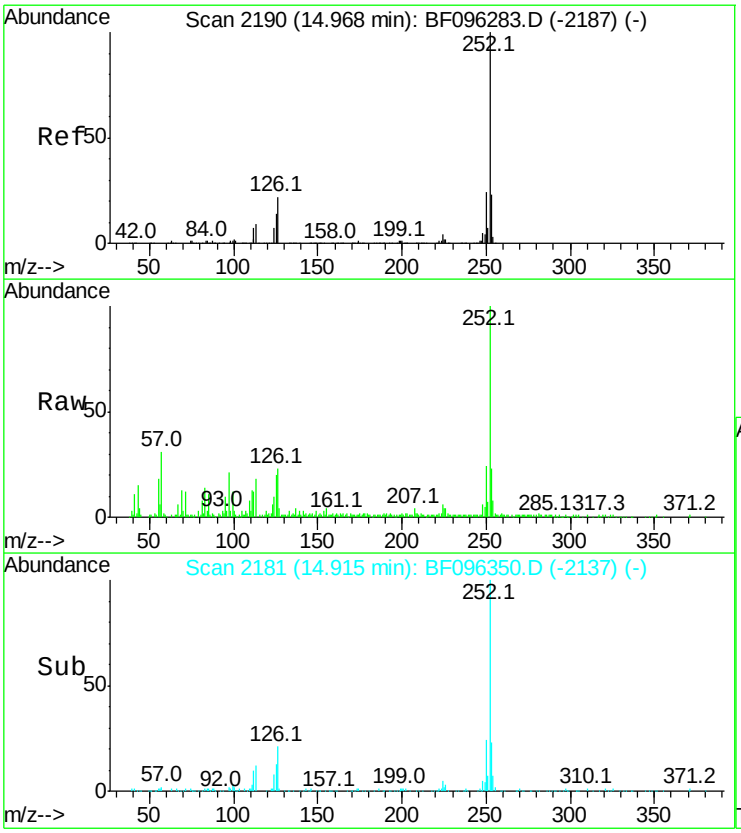
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 240207

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.2	25.8

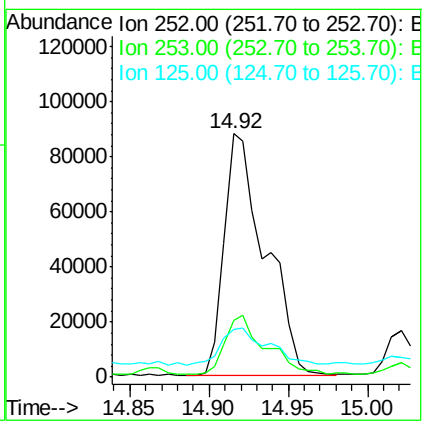


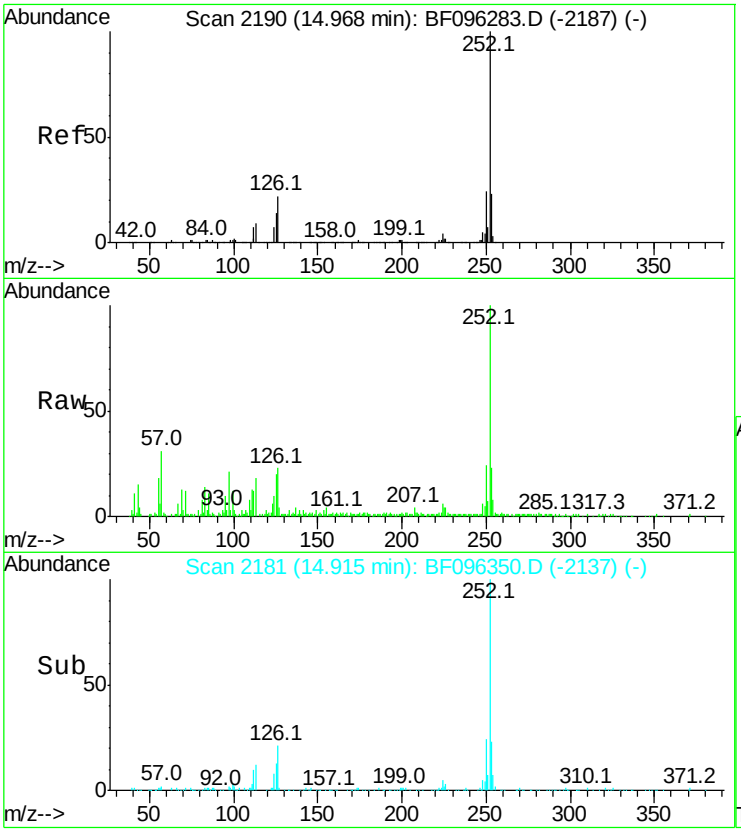


#87
Benzo(b)fluoranthene
Concen: 10.07 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:252 Resp: 158951

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	19.6	9.8	14.8#



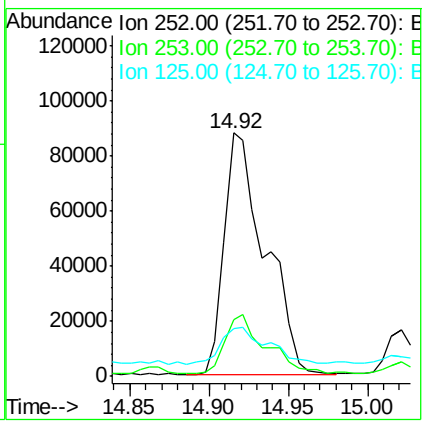


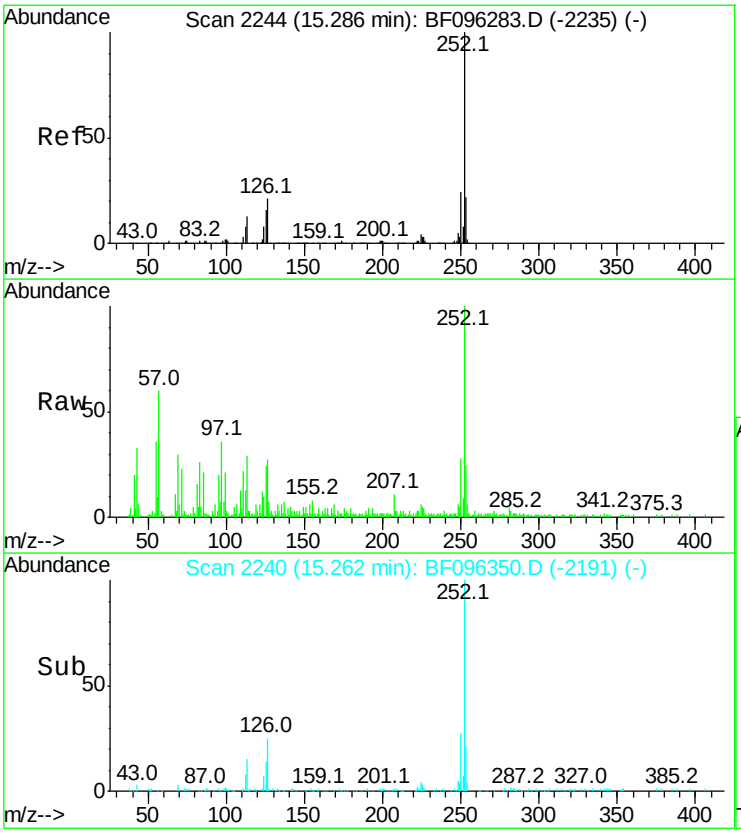
#88
Benzo(k)fluoranthene
Concen: 11.03 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 158951

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	19.6	13.1	19.7

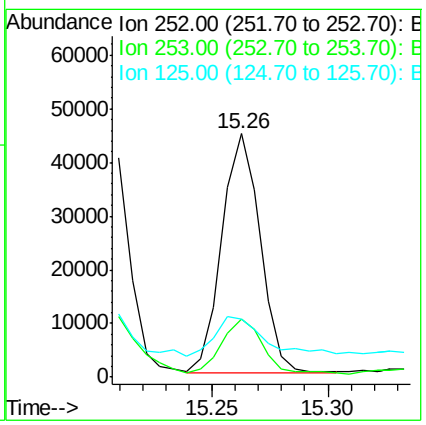


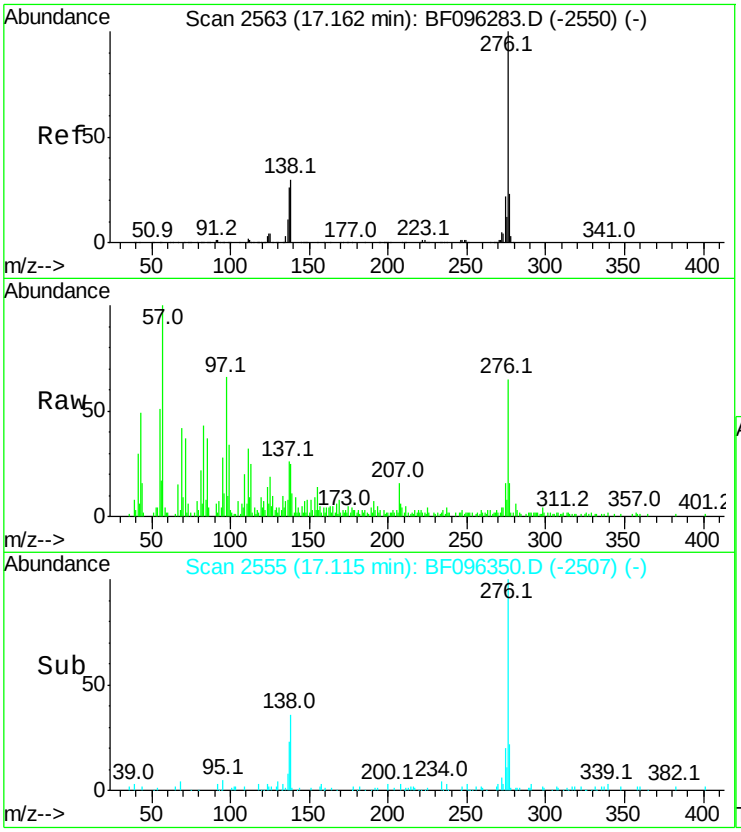


#89
Benzo(a)pyrene
Concen: 3.72 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Tgt Ion:252 Resp: 51804

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	23.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.93 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF096350.D
Acq: 30 Jun 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33226

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	38.4	25.4	38.0#