Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096367.D
Acq On : 1 Jul 2017 5:39
Operator : SJ/MA
Sample : I3930-08 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 01 06:27:44 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	131442	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	490644	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	187126	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	315028	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	215004	20.00	ng		0.00
86) Perylene-d12	15.33	264	154538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	369194	40.47	ng		-0.01
7) Phenol-d6	6.39	99	440453	39.87	ng		0.00
23) Nitrobenzene-d5	7.32	82	218369	30.81	ng		-0.04
41) 2,4,6-Tribromophenol	10.58	330	79772	54.17	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	378482	37.04	ng		-0.03
78) Terphenyl-d14	12.86	244	303328	35.20	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	5796	Below Cal		#	65
25) Isophorone	7.32	82	218016	13.54	ng	#	67
31) Naphthalene	8.06	128	89767	3.80	ng		98
32) Benzoic acid	7.73	122	959	8.94	ng		90
37) 2-Methylnaphthalene	8.76	142	70223	4.57	ng		98
48) Acenaphthylene	9.65	152	74815	3.79	ng		96
49) Dimethylphthalate	9.51	163	61395	4.58	ng	#	97
53) 2,4-Dinitrophenol	10.09	184	699	8.32	ng	#	4
54) Dibenzofuran	10.00	168	37110	2.44	ng	#	94
57) Fluorene	10.34	166	7406	Below Cal		#	86
60) 4-Chlorophenyl-phenylether	10.16	204	295	Below Cal		#	18
64) 4,6-Dinitro-2-methylphenol	10.61	198	918	9.20	ng	#	1
71) Anthracene	11.35	178	86942	4.94	ng		98
74) Fluoranthene	12.49	202	218826	12.50	ng		97
77) Pyrene	12.71	202	193323	10.94	ng		98
80) Benzo(a)anthracene	13.93	228	131398	10.03	ng		96
82) Chrysene	13.93	228	131398	9.69	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	65708	5.84	ng	#	92
87) Benzo(b)fluoranthene	14.93	252	221030	21.77	ng	#	89
88) Benzo(k)fluoranthene	14.93	252	221030	23.85	ng	#	94
89) Benzo(a)pyrene	15.27	252	77073	8.60	ng	#	90
90) Dibenzo(a,h)anthracene	16.74	278	18341	2.61	ng	#	63
91) Benzo(g,h,i)perylene	17.14	276	59026	8.09	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 44 Sample Multiplier: 1

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Quant Time: Jul 01 06:27:44 2017
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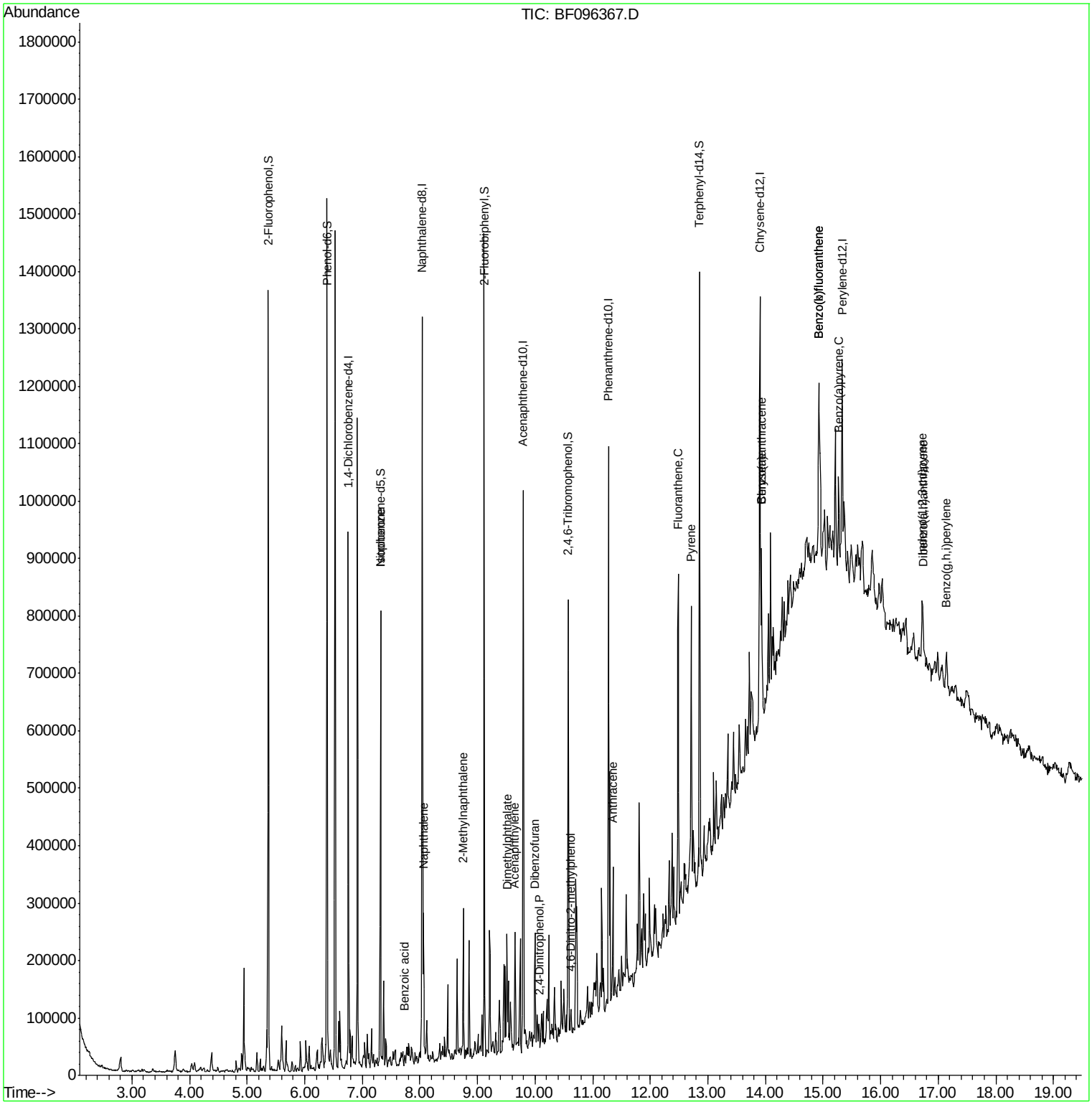
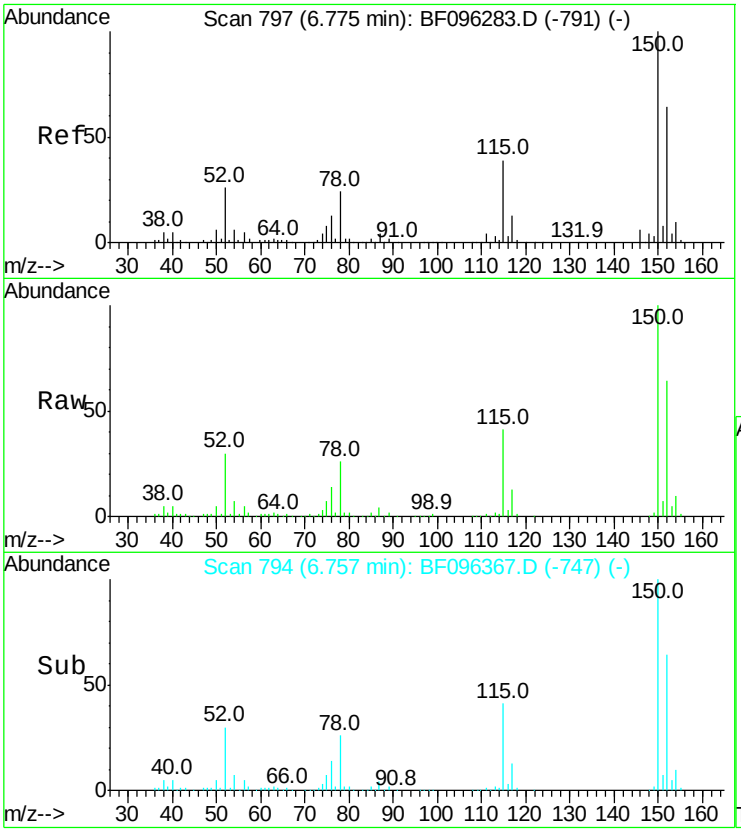


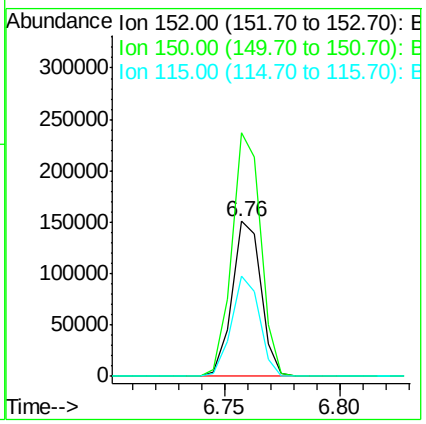


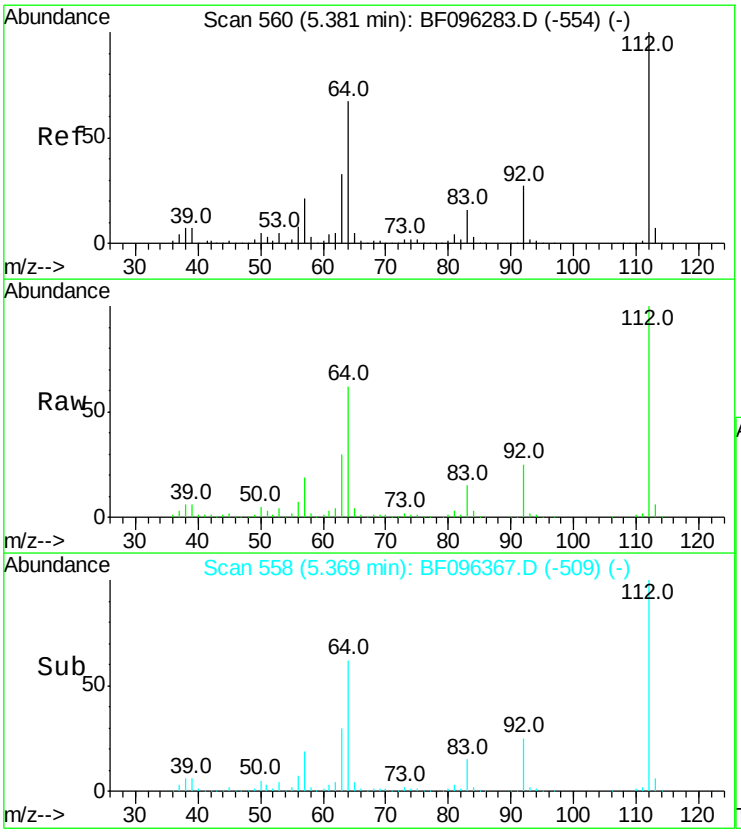
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 131442

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	64.7	52.2	78.2

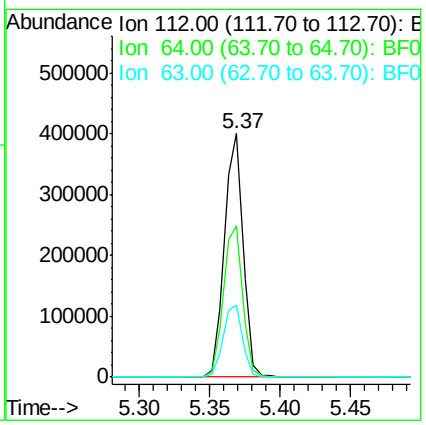


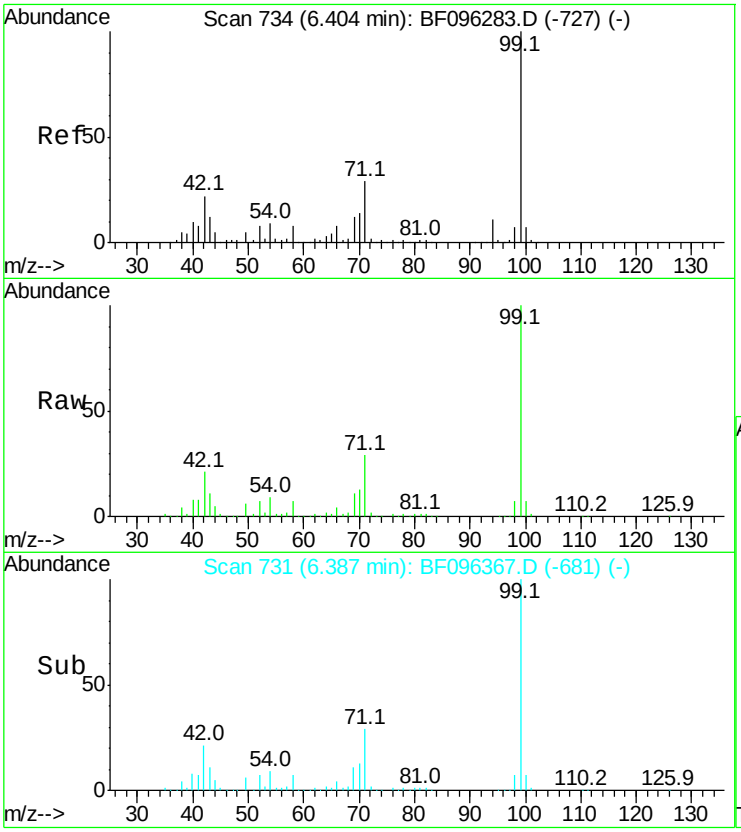


#5
2-Fluorophenol
Concen: 40.47 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:112 Resp: 369194

Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.0	69.0
63	29.6	23.4	35.0



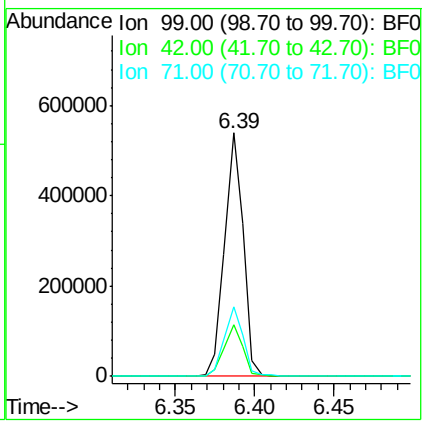


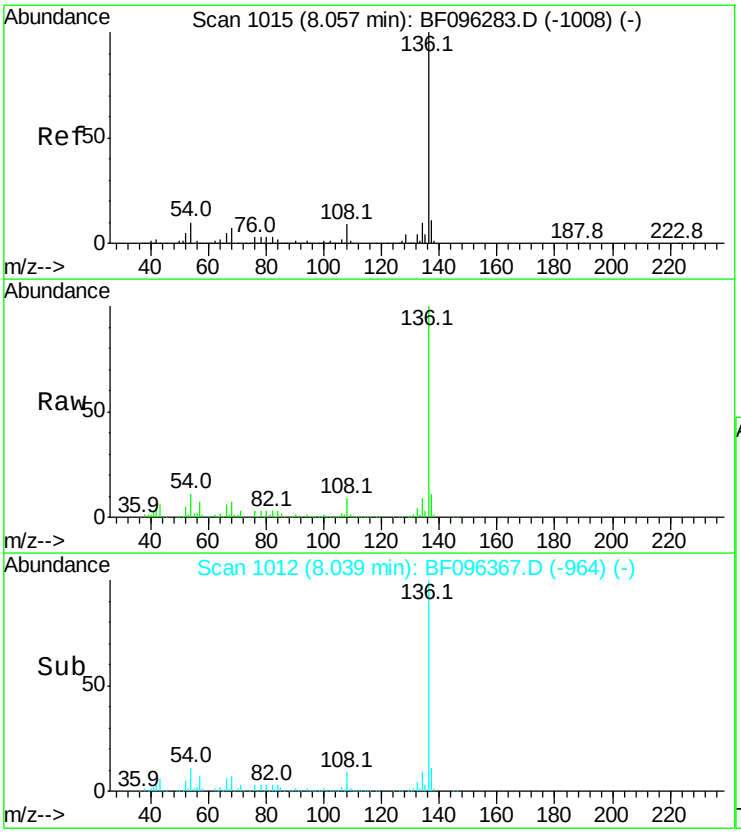
#7
Phenol-d6
Concen: 39.87 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 440453

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.5	20.3#
71	28.8	24.5	36.7

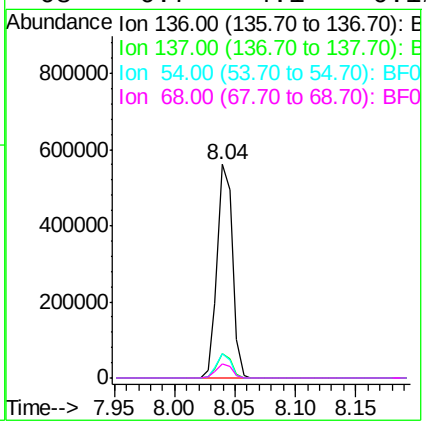


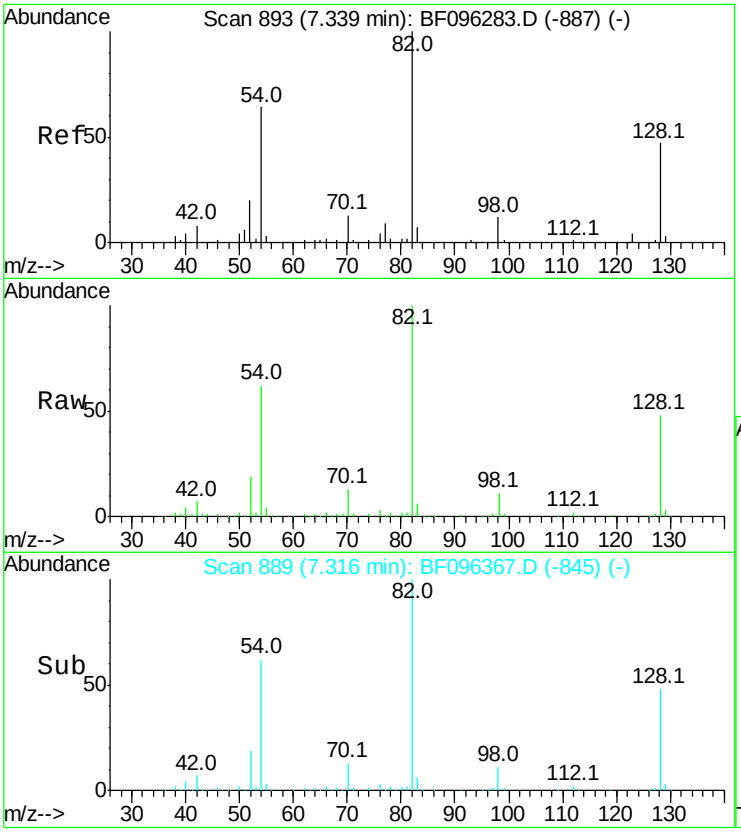


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:136 Resp: 490644

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.5	4.9	7.3#
68	6.7	4.1	6.1#



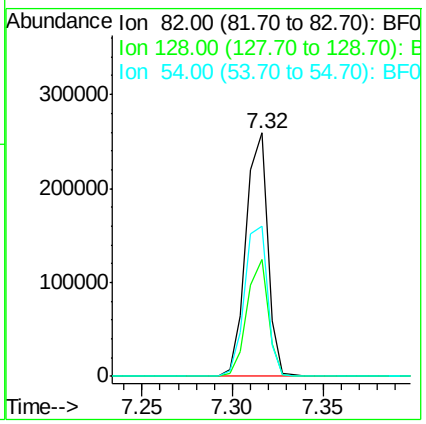


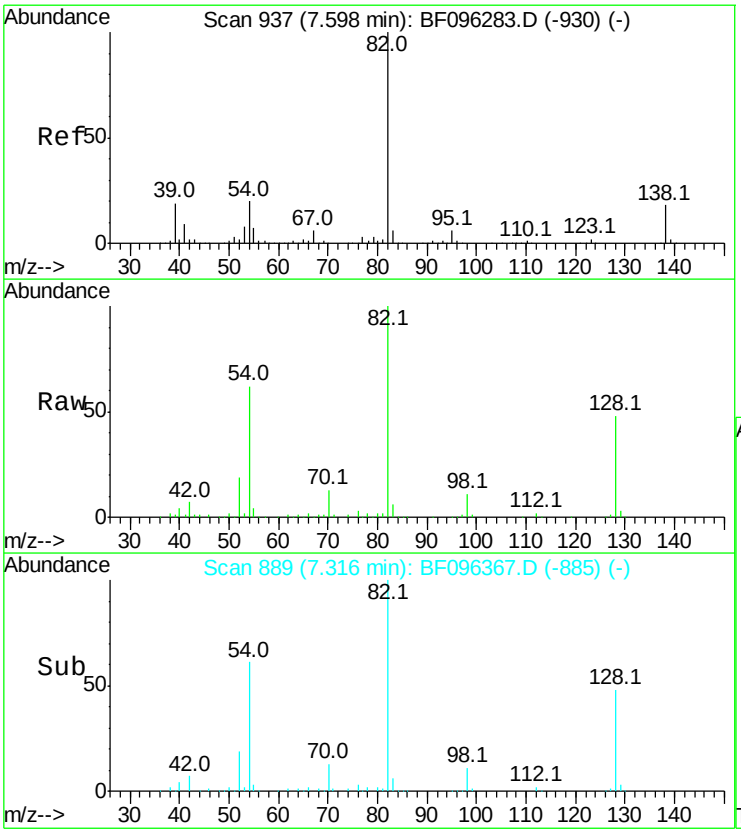
#23
Nitrobenzene-d5
Concen: 30.81 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 218369

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	61.6	42.2	63.2

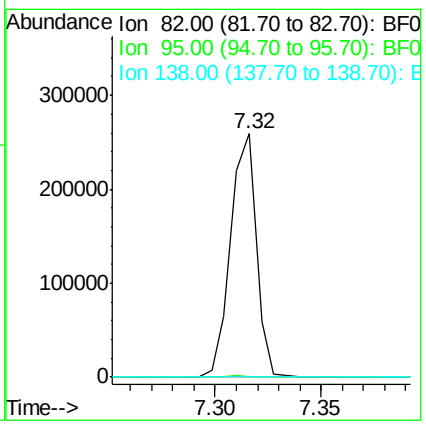


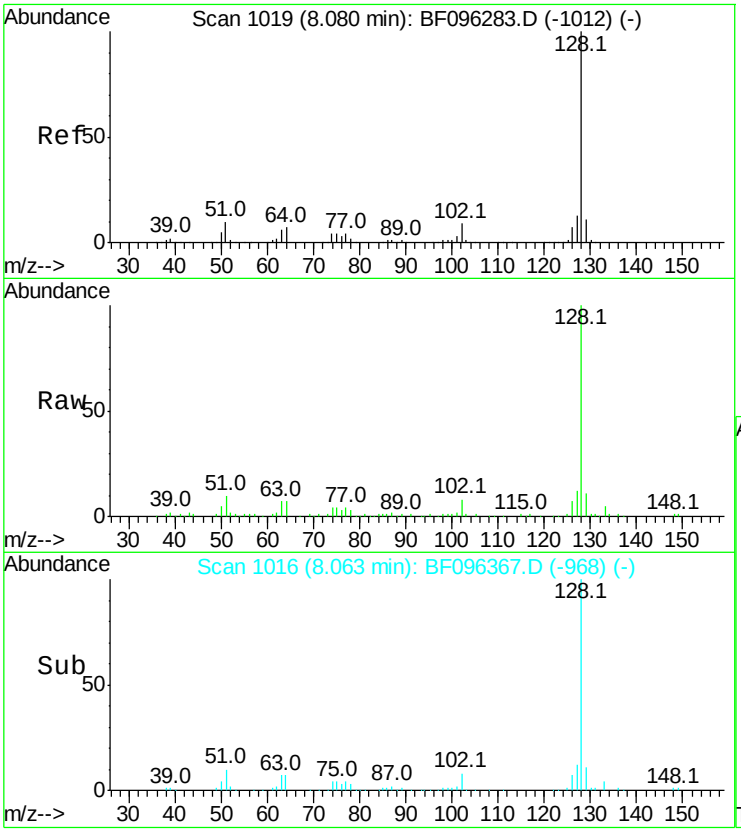


#25
Isophorone
Concen: 13.54 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.28 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion: 82 Resp: 218016

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.3	7.9#
138	0.0	13.1	19.7#

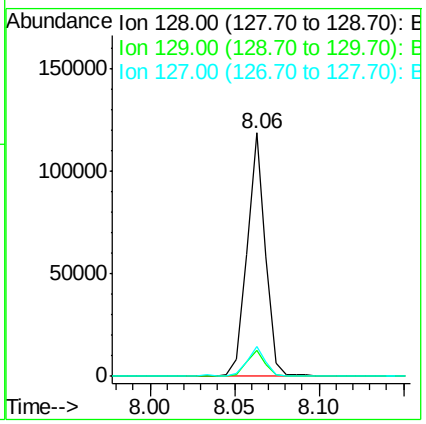




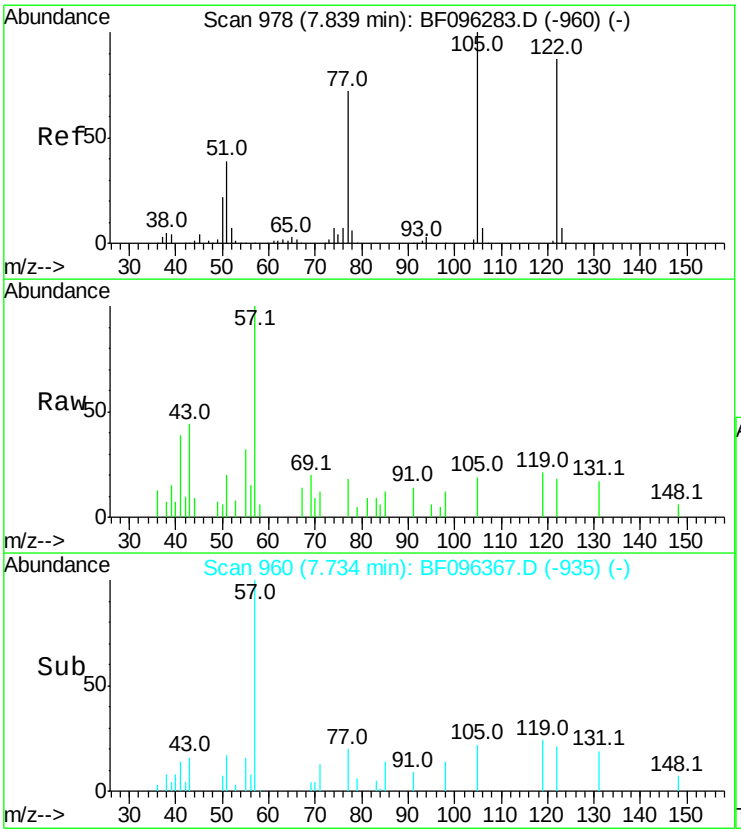
#31
Naphthalene
Concen: 3.80 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:128 Resp: 89767

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.4	10.8	16.2



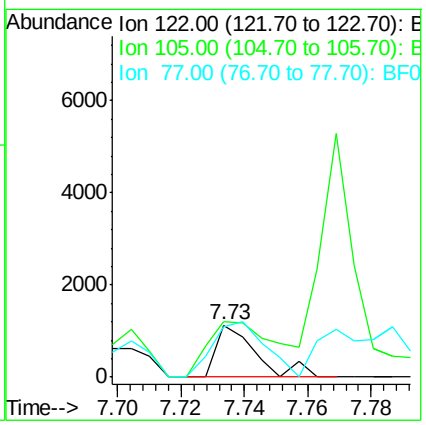
Instrument :
BNA_F
ClientSampleId :

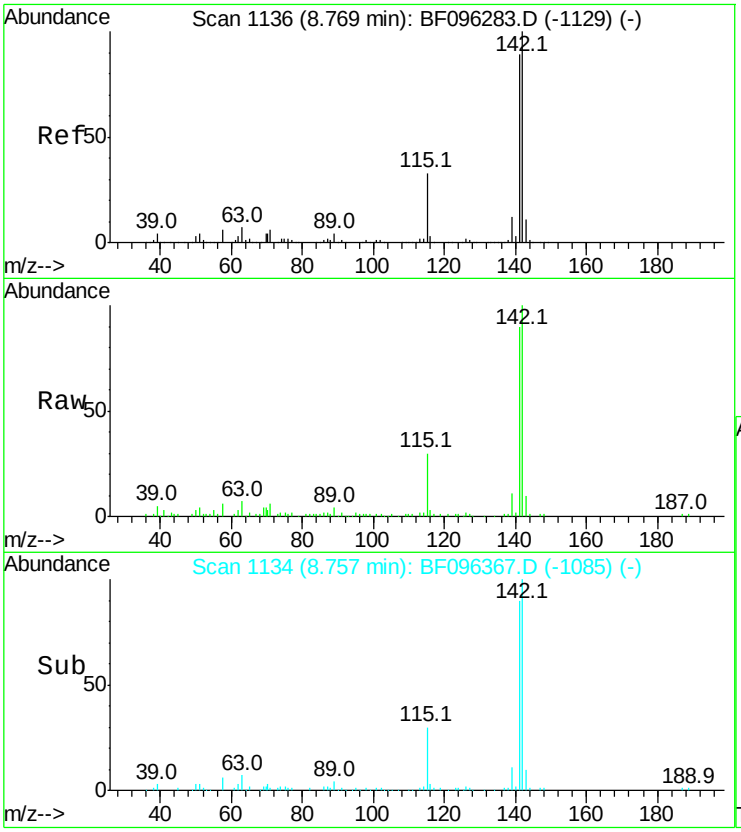


#32
Benzoic acid
Concen: 8.94 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.15 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:122 Resp: 959

Ion	Ratio	Lower	Upper
122	100		
105	106.1	103.3	143.3
77	95.7	73.7	113.7



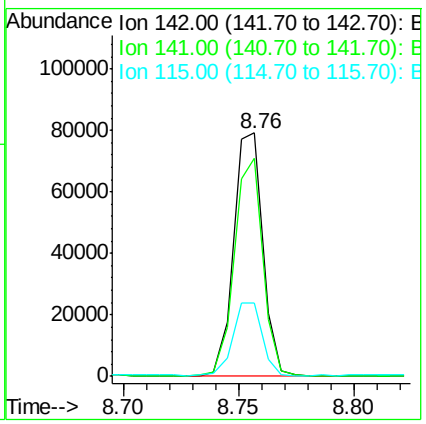


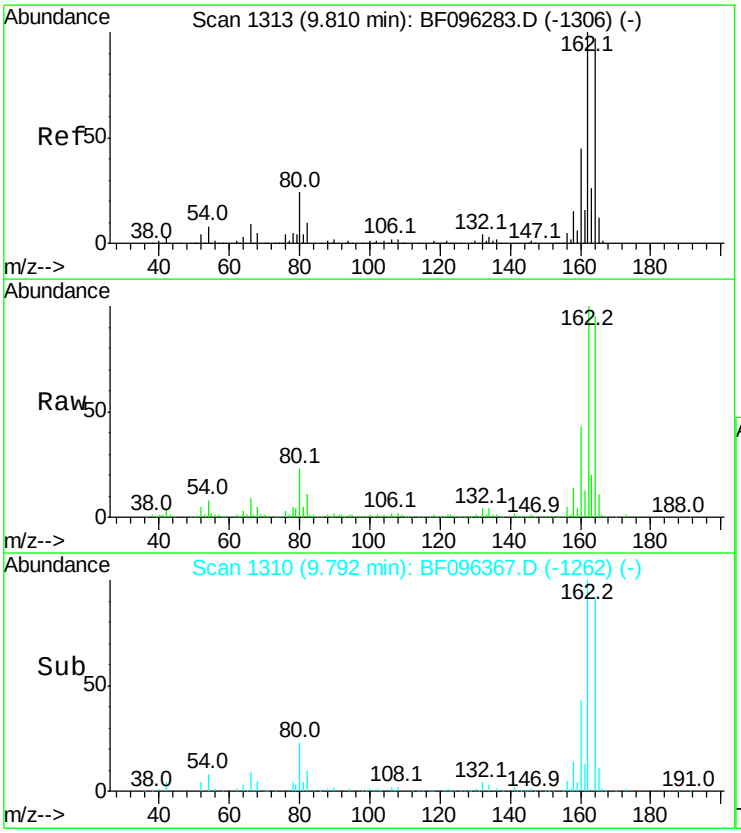
#37
2-Methylnaphthalene
Concen: 4.57 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 70223

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	30.3	27.1	40.7

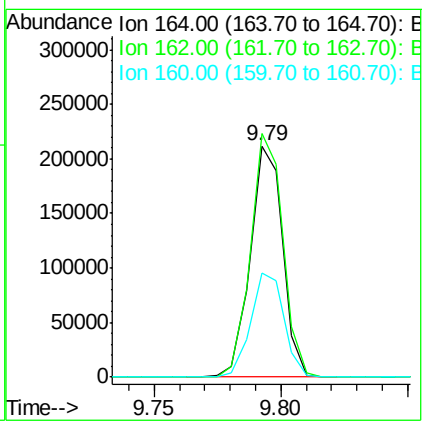


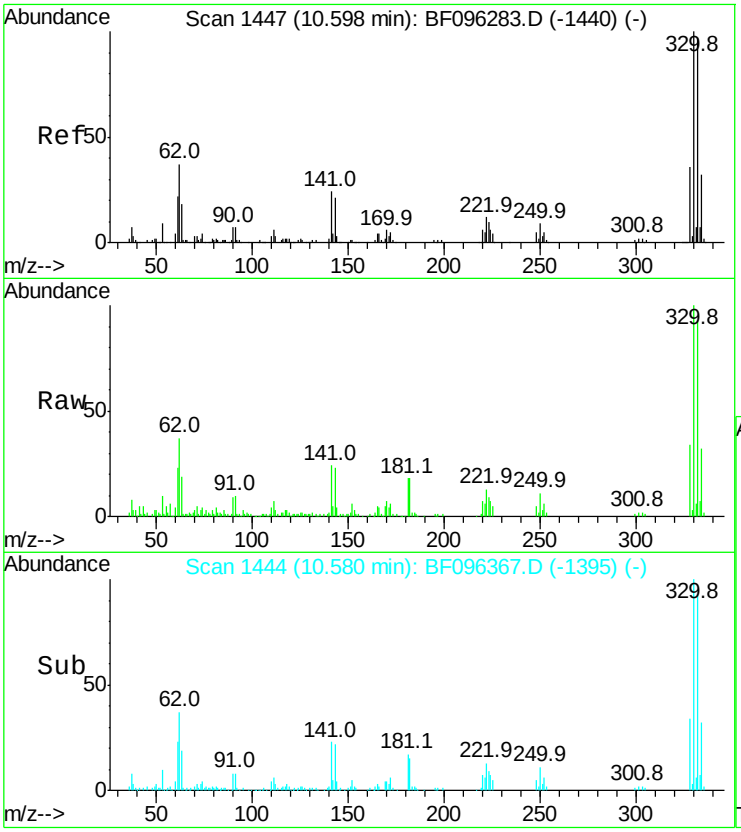


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:164 Resp: 187126

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	44.9	36.2	54.2



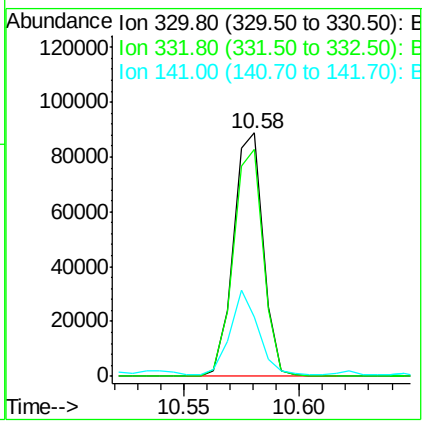


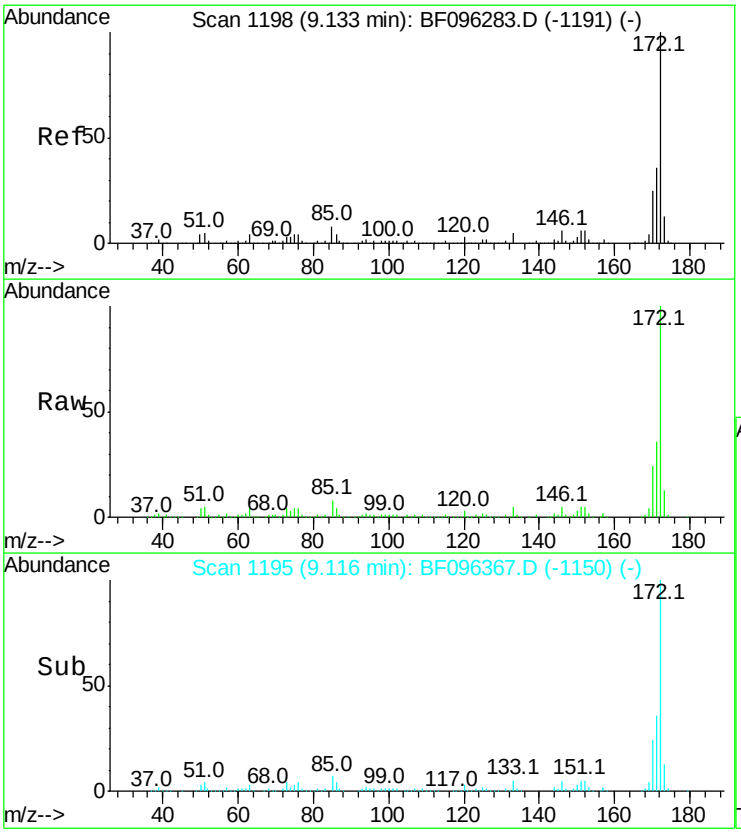
#41
2,4,6-Tribromophenol
Concen: 54.17 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 79772

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	115.0
141	32.6	31.4	47.2

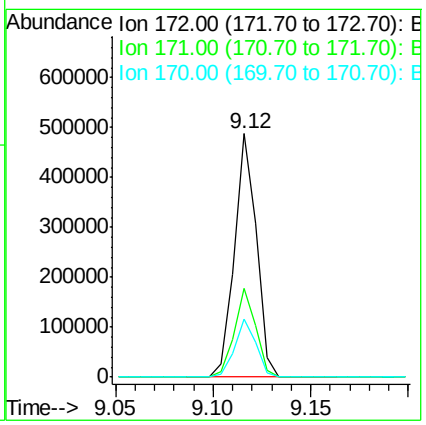


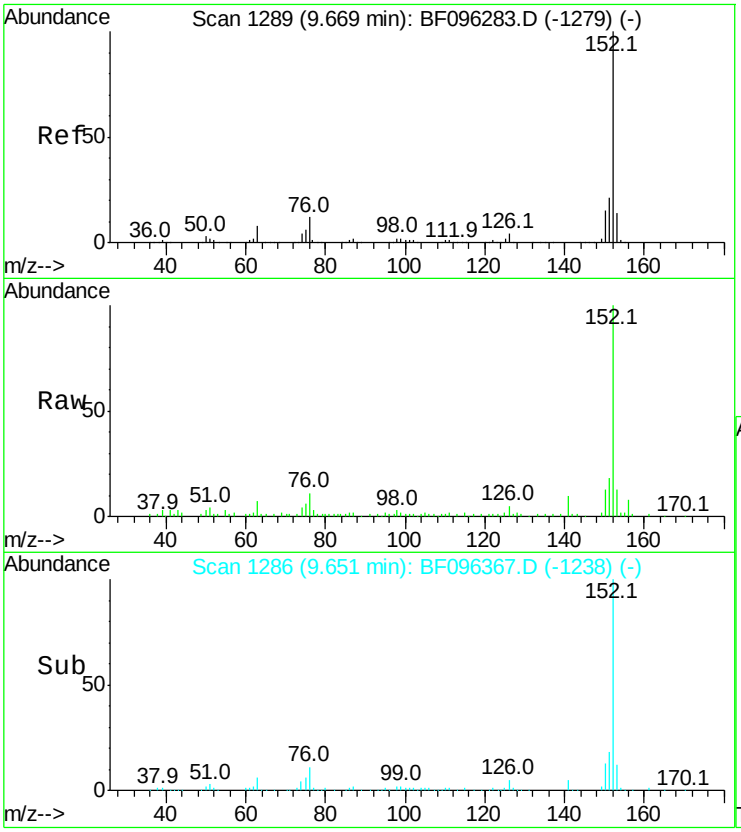


#44
2-Fluorobiphenyl
Concen: 37.04 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:172 Resp: 378482

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.6	19.8	29.8



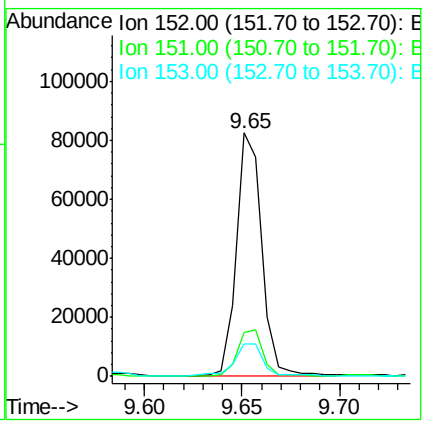


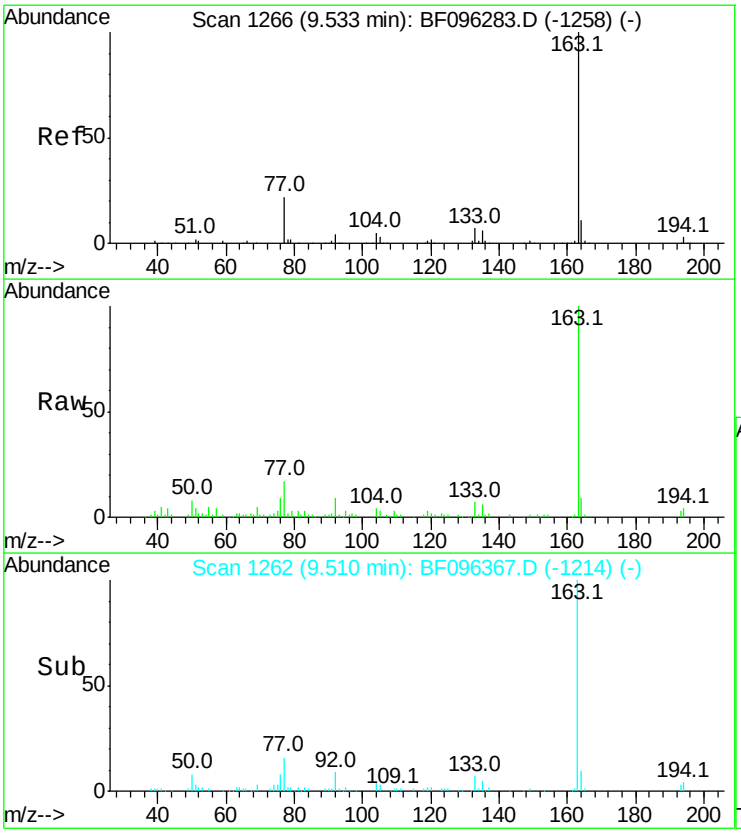
#48
Acenaphthylene
Concen: 3.79 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 74815

Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.8	25.2
153	13.2	10.8	16.2

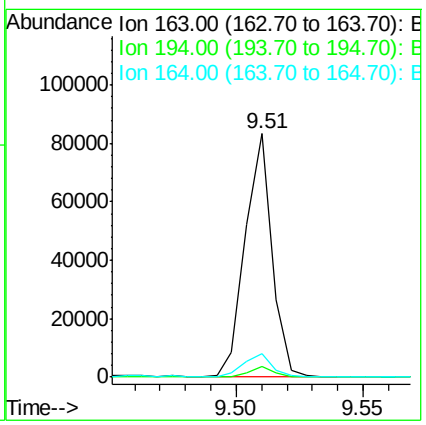


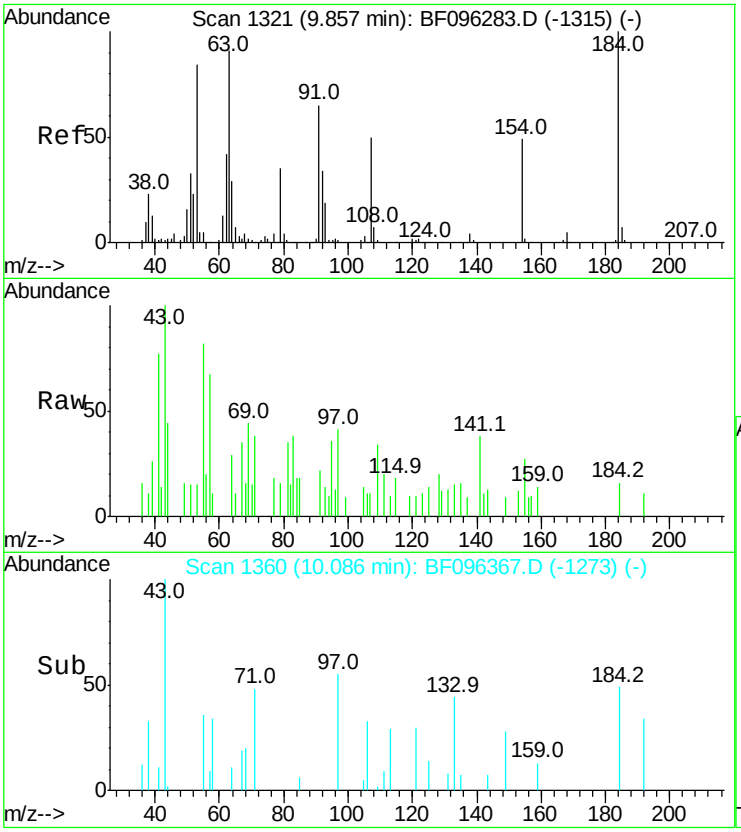


#49
Dimethylphthalate
Concen: 4.58 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:163 Resp: 61395

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	9.5	8.4	12.6



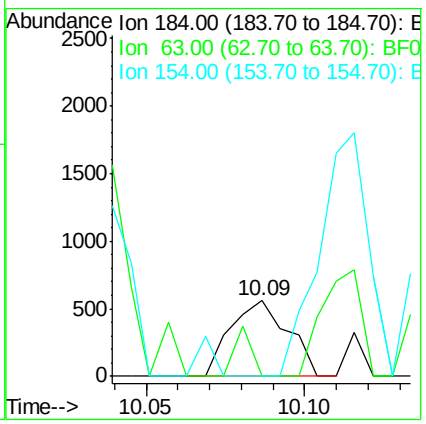


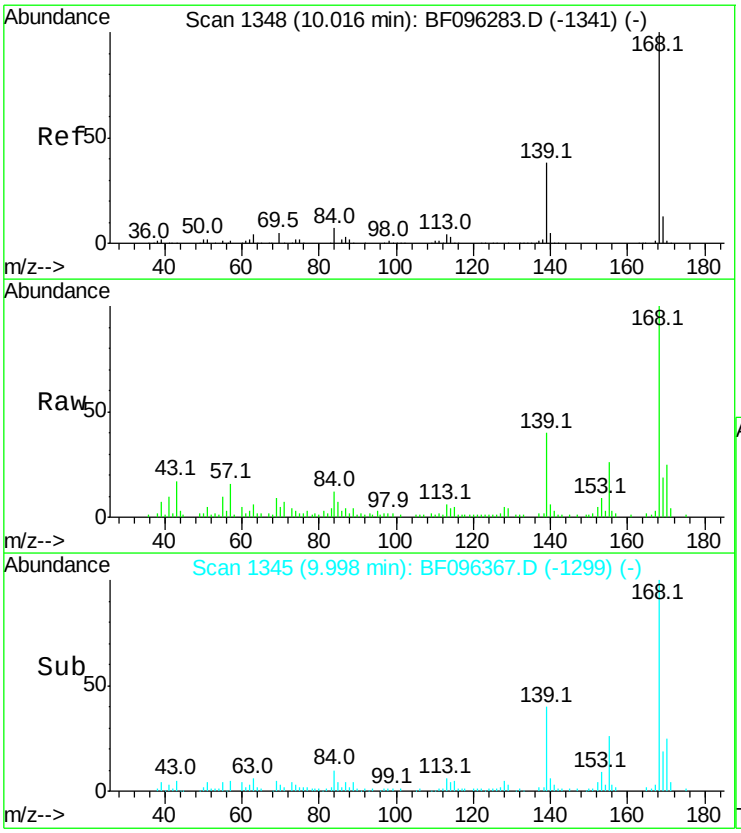
#53
2,4-Dinitrophenol
Concen: 8.32 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.21 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 699

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

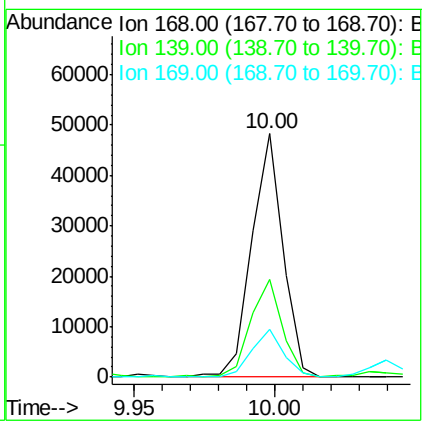


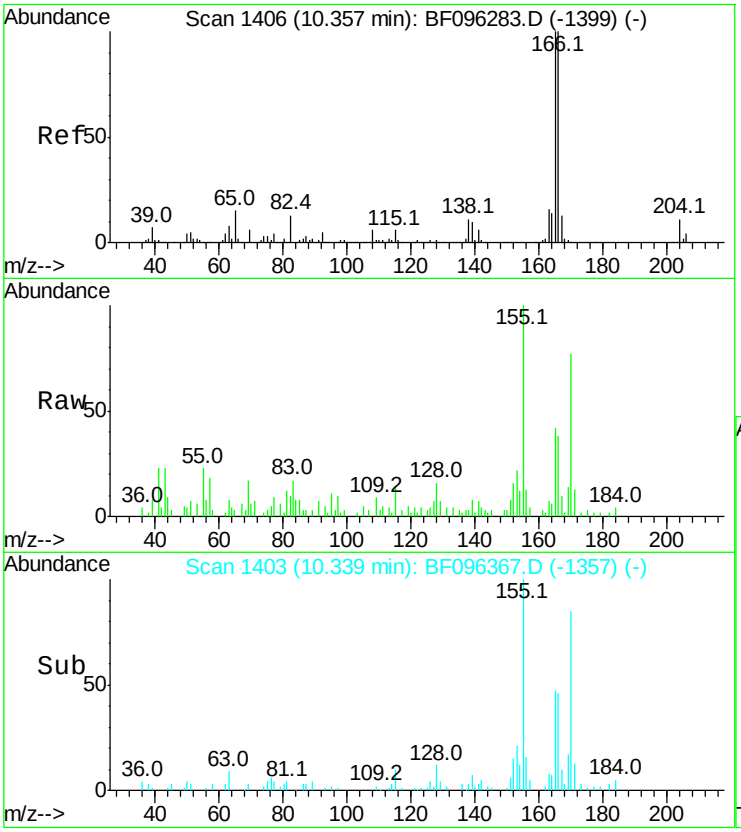


#54
Dibenzofuran
Concen: 2.44 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:168 Resp: 37110

Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.6	45.8
169	19.4	10.8	16.2#



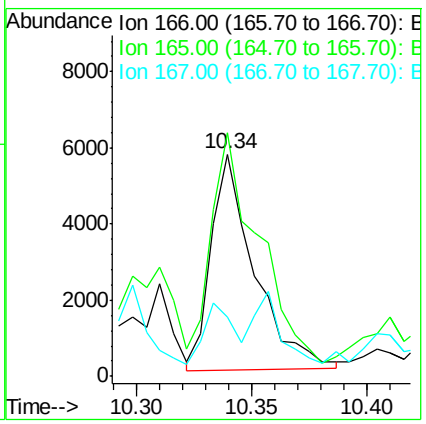


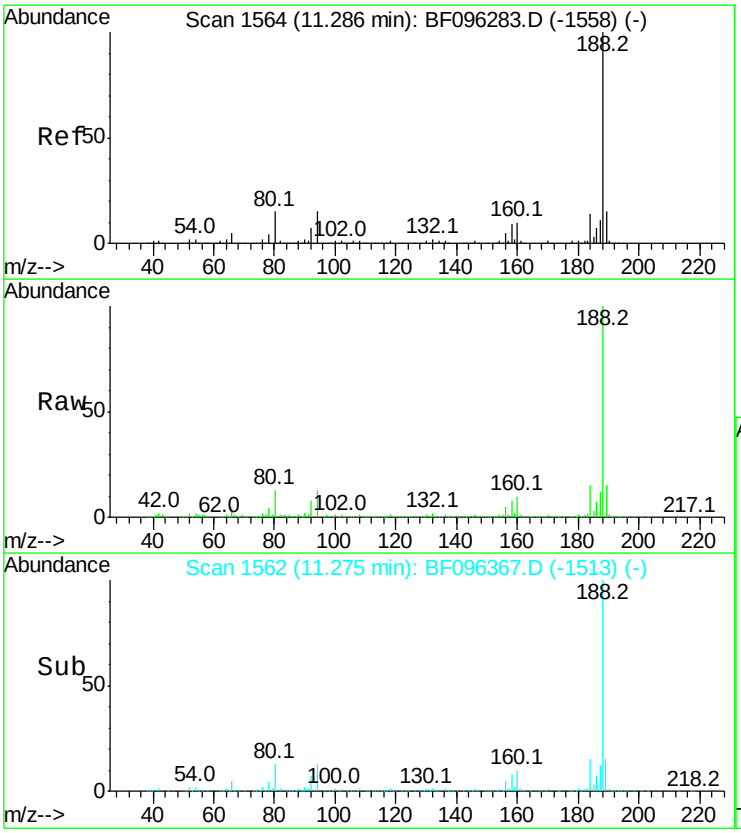
#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 7406

Ion	Ratio	Lower	Upper
166	100		
165	109.7	78.8	118.2
167	26.8	10.6	16.0#

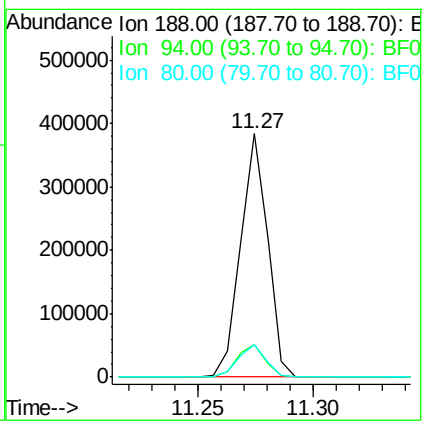


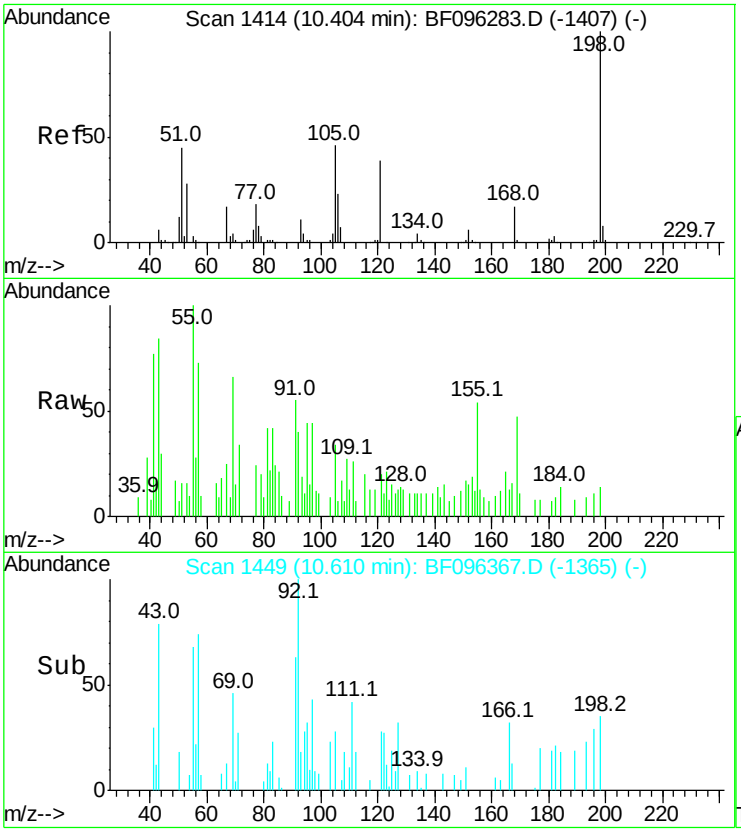


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:188 Resp: 315028

Ion	Ratio	Lower	Upper
188	100		
94	13.4	9.4	14.2
80	13.4	10.2	15.2



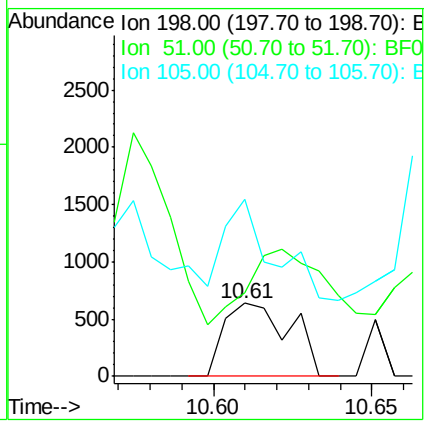


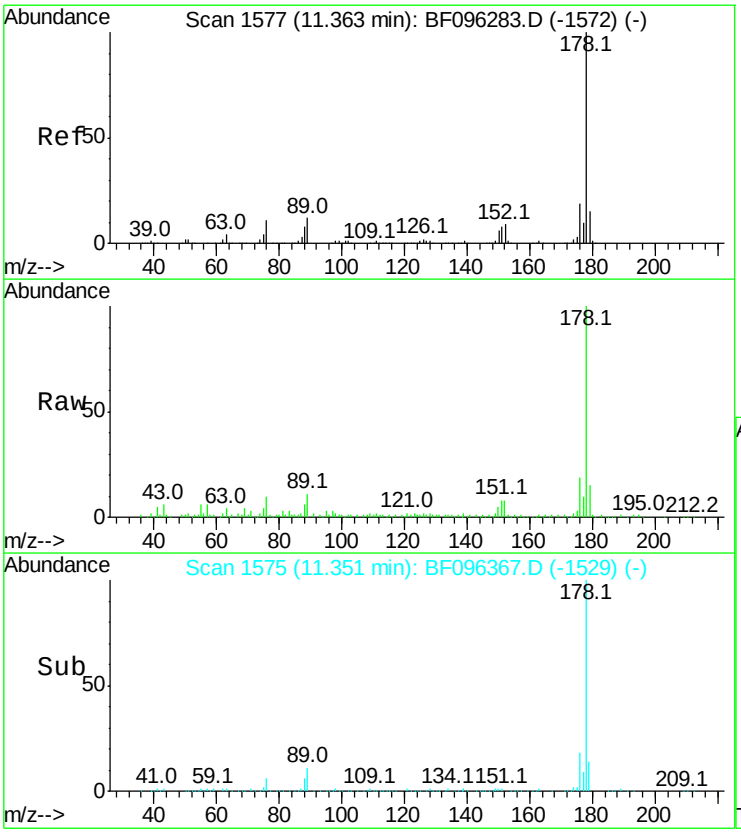
#64
4,6-Dinitro-2-methylphenol
Concen: 9.20 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.19 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 918

Ion	Ratio	Lower	Upper
198	100		
51	114.0	53.2	93.2#
105	242.8	45.8	85.8#

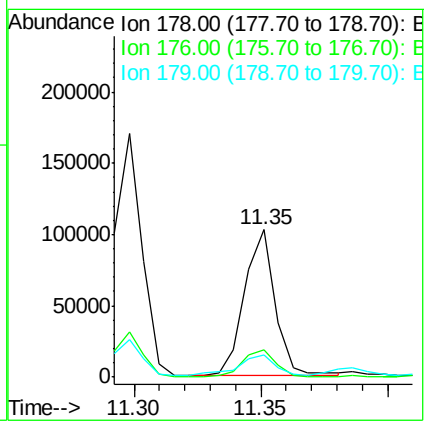


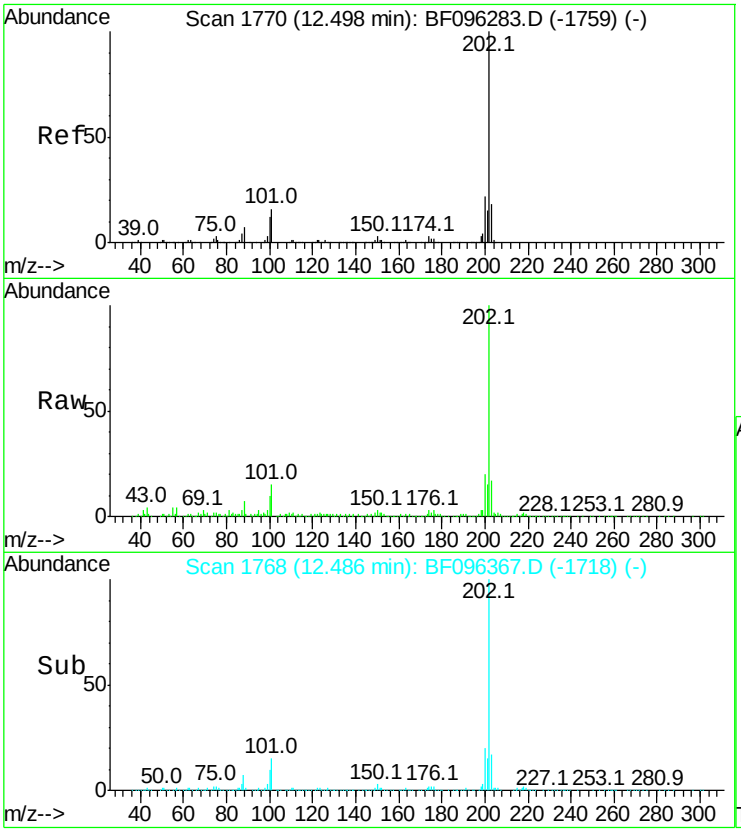


#71
Anthracene
Concen: 4.94 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.03 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:178 Resp: 86942

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	12.7	19.1



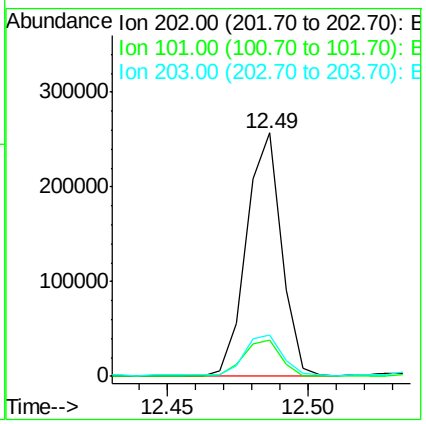


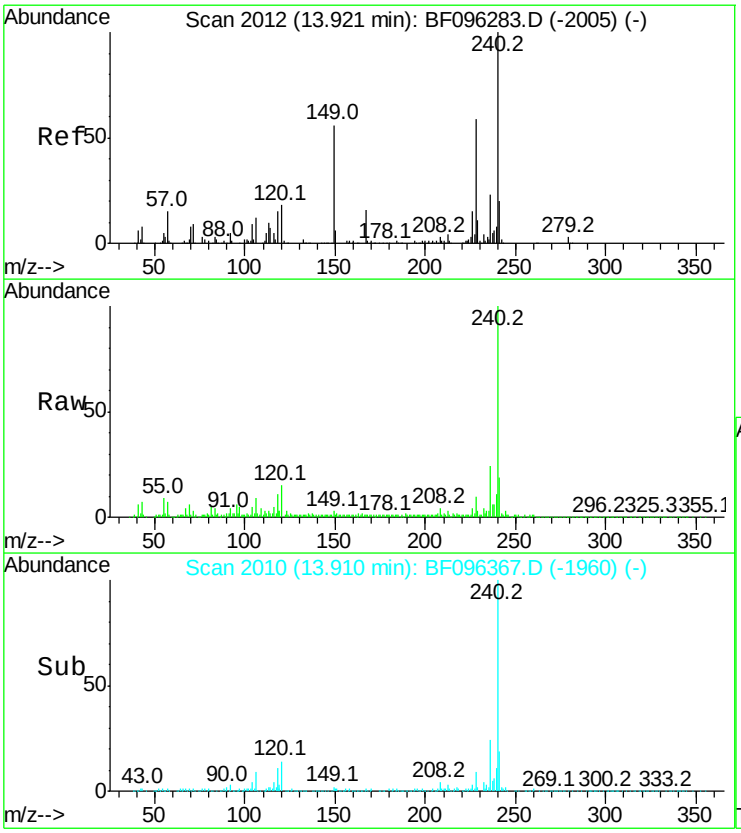
#74
Fluoranthene
Concen: 12.50 ng
RT: 12.49 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 218826

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.2
203	17.3	0.0	38.1

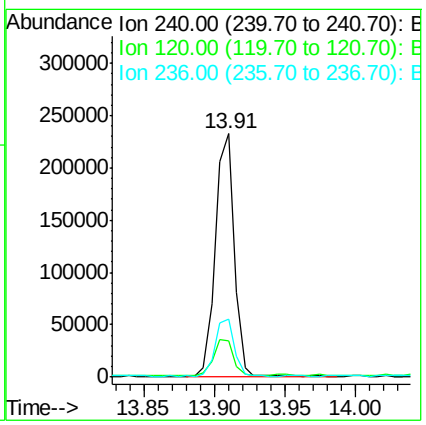


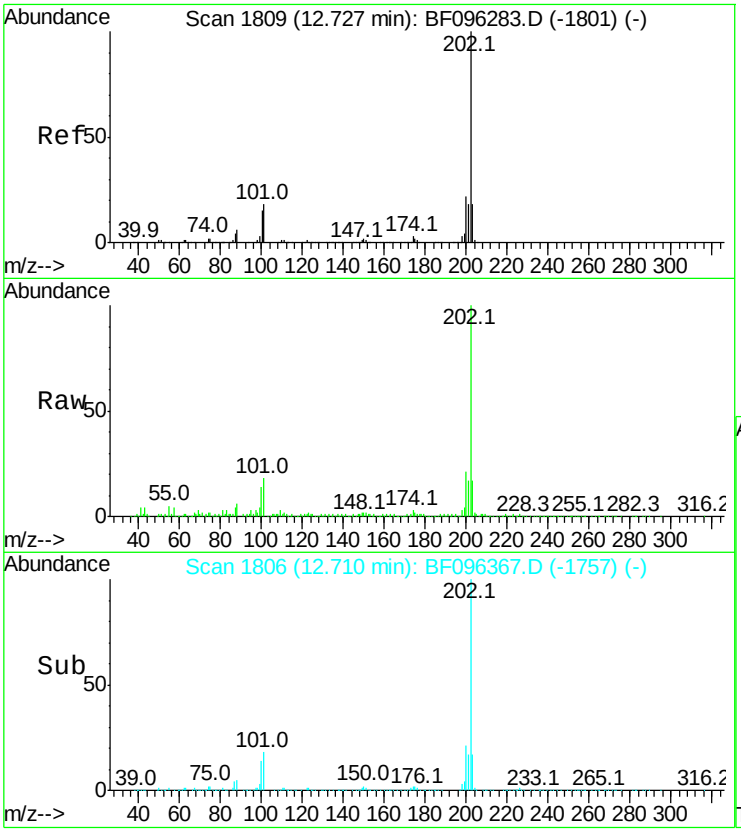


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:240 Resp: 215004

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.0	20.5	30.7



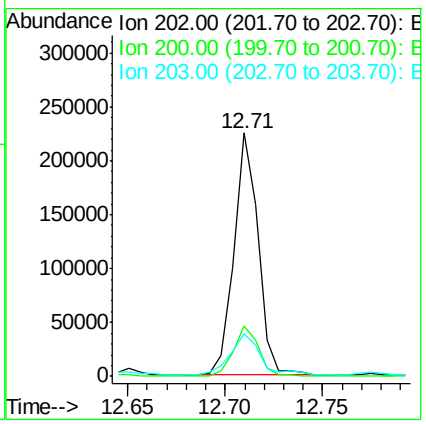


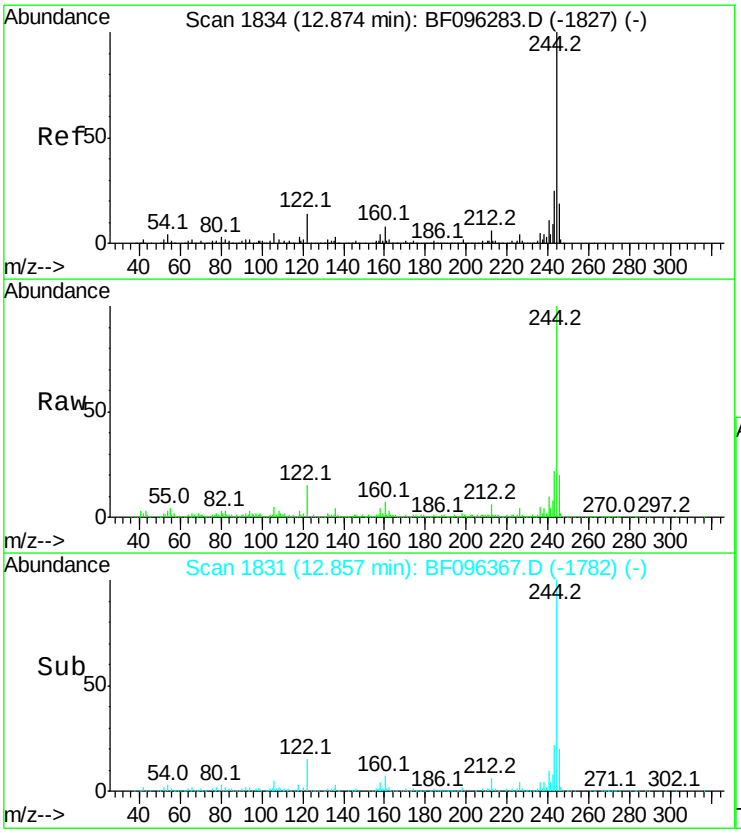
#77
Pyrene
Concen: 10.94 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 193323

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.4	14.4	21.6

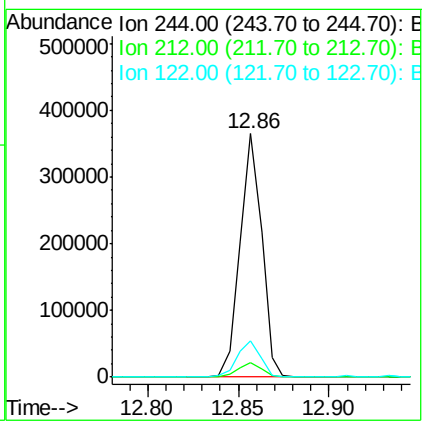


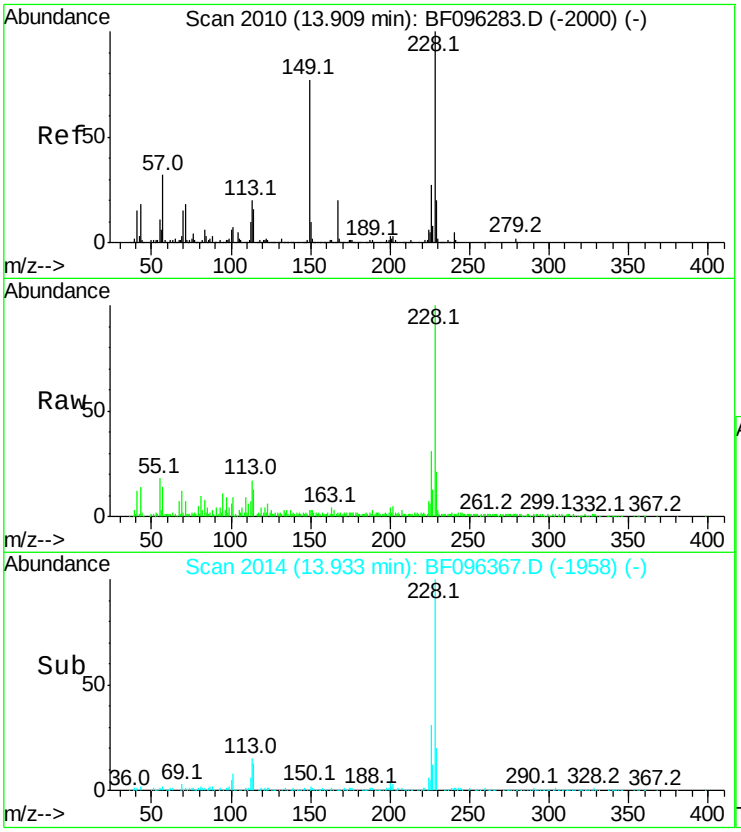


#78
Terphenyl-d14
Concen: 35.20 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:244 Resp: 303328

Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.0	9.0
122	14.8	10.3	15.5



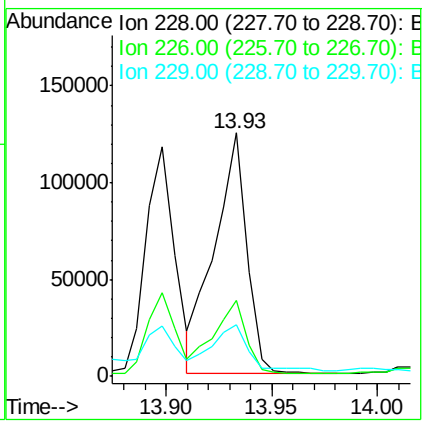


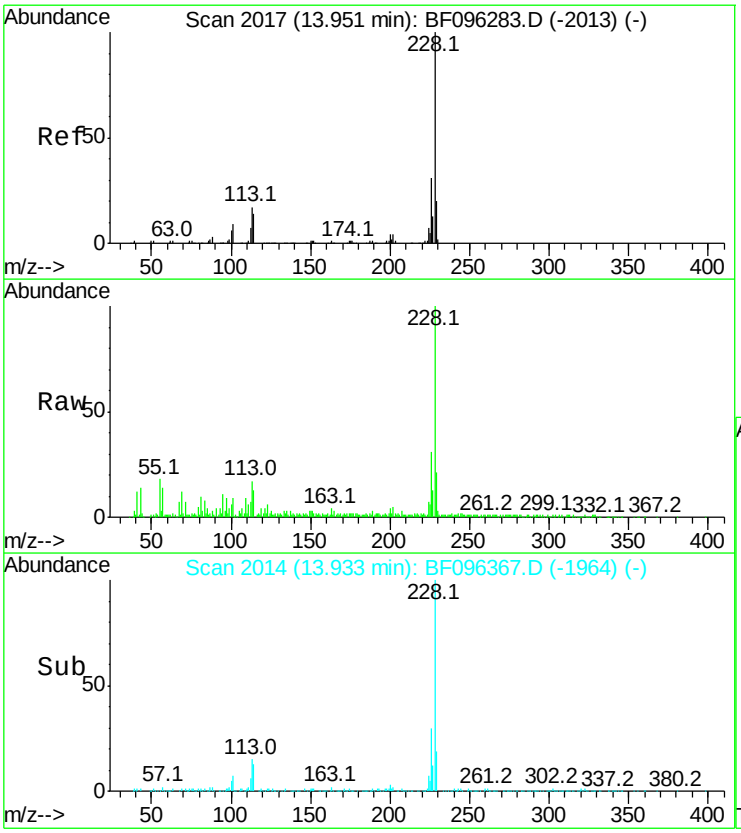
#80
Benzo(a)anthracene
Concen: 10.03 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 131398

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	21.5	16.3	24.5

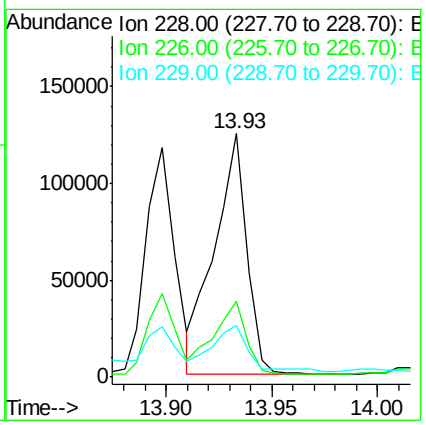


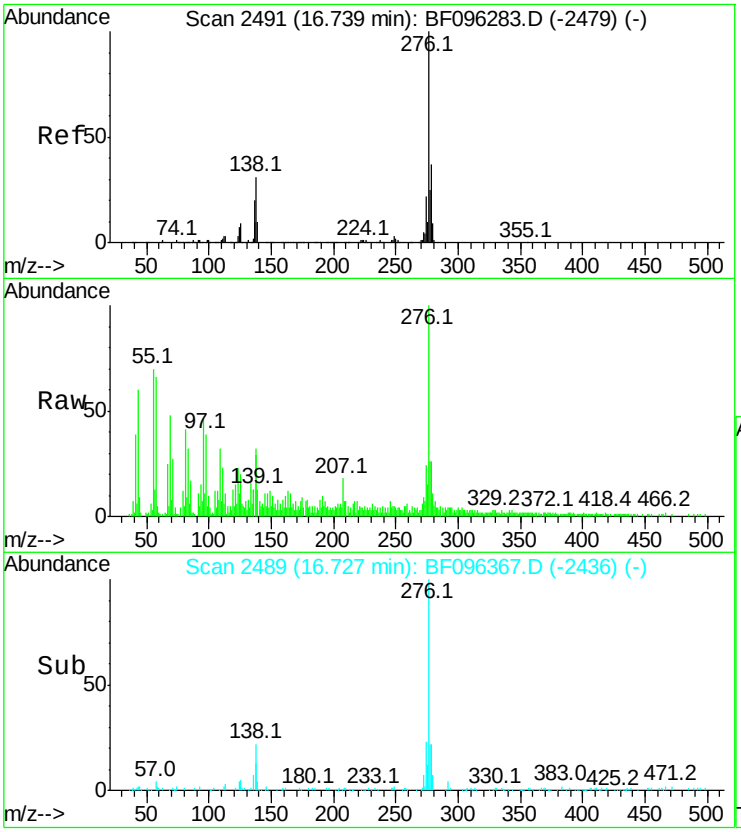


#82
Chrysene
Concen: 9.69 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:228 Resp: 131398

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.5	15.8	23.6



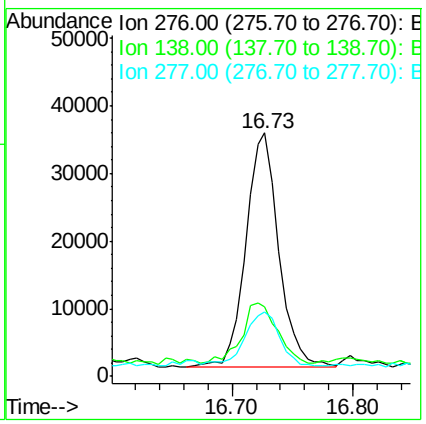


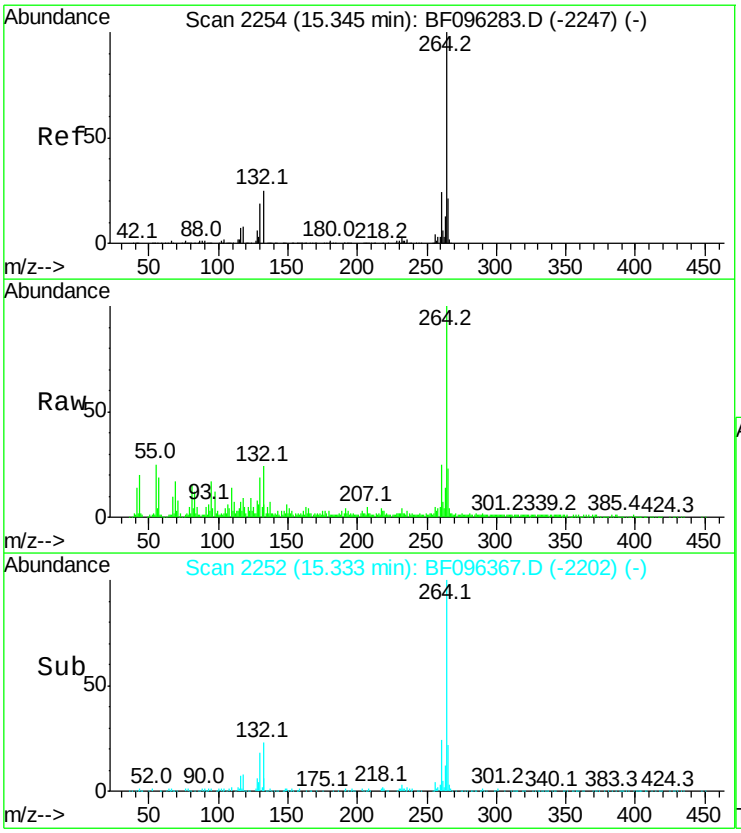
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.84 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 65708

Ion	Ratio	Lower	Upper
276	100		
138	27.2	27.8	41.6#
277	24.2	20.2	30.4

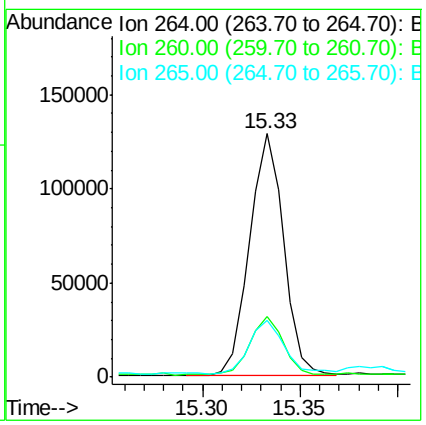


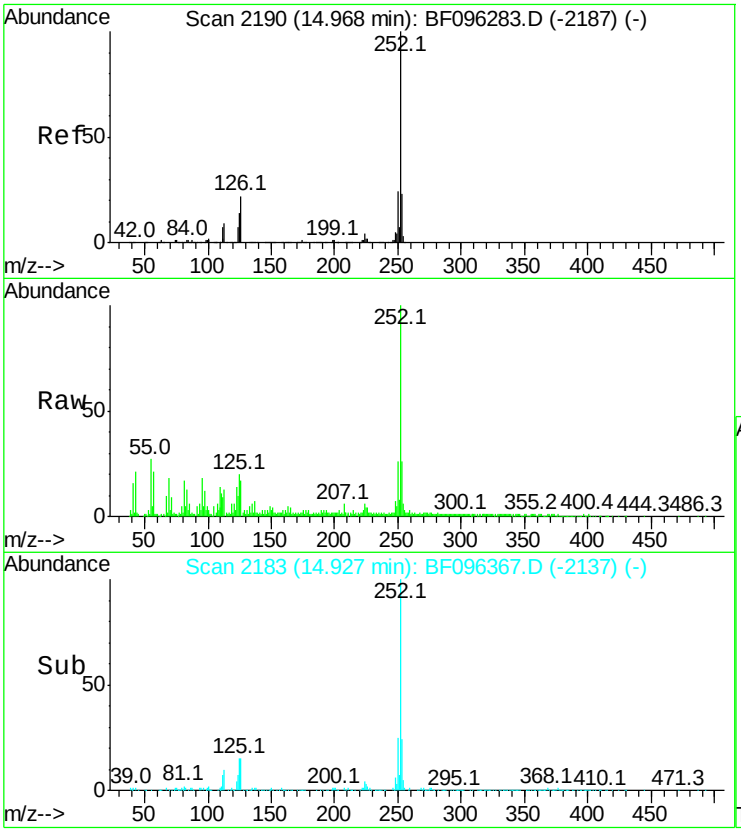


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:264 Resp: 154538

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	23.2	17.2	25.8



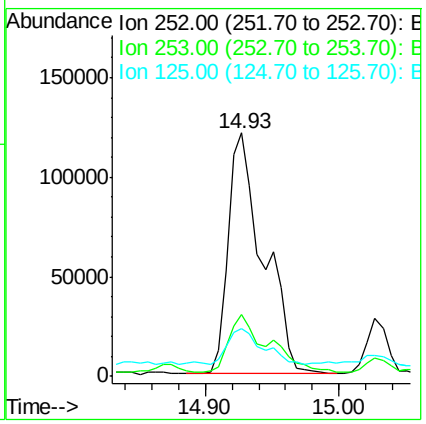


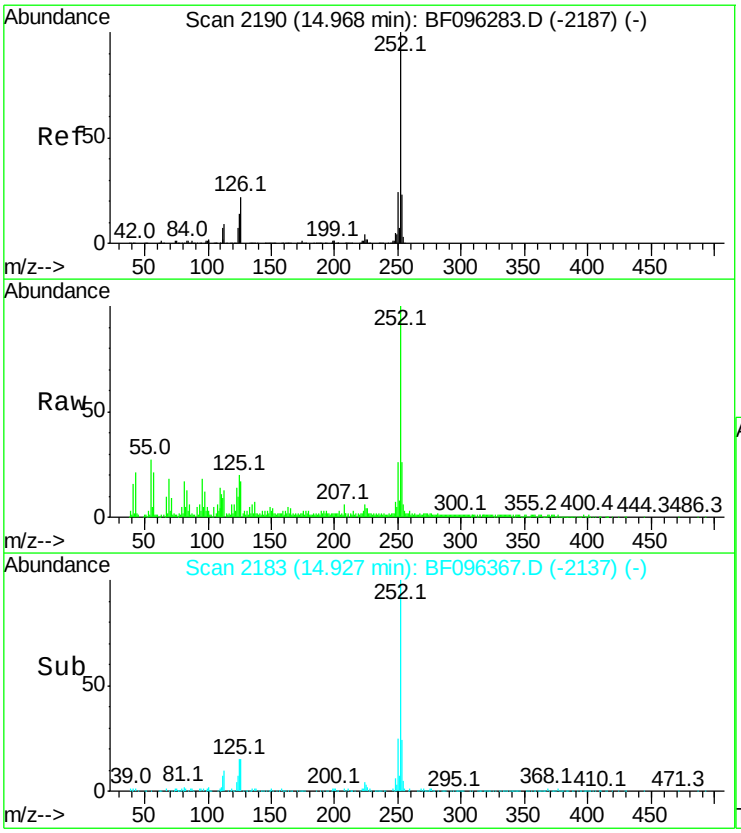
#87
Benzo(b)fluoranthene
Concen: 21.77 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 221030

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	19.8	9.8	14.8#

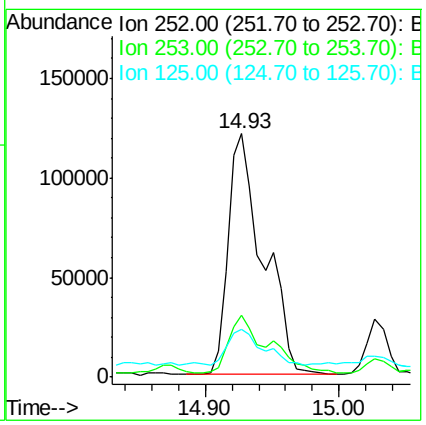


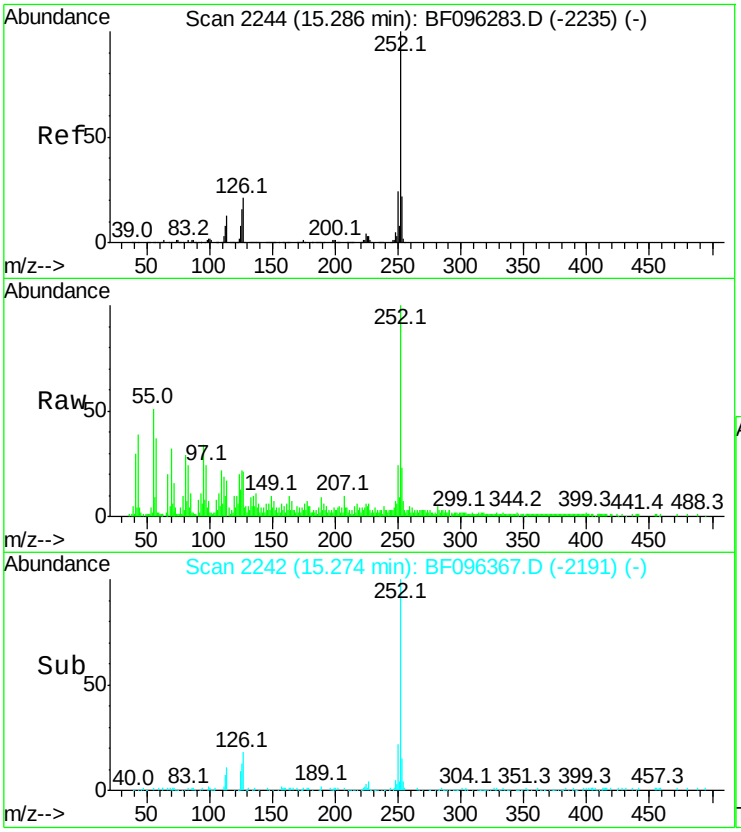


#88
Benzo(k)fluoranthene
Concen: 23.85 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:252 Resp: 221030

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.4	27.6
125	19.8	13.1	19.7#



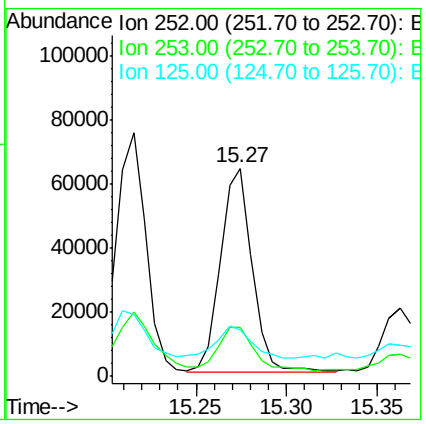


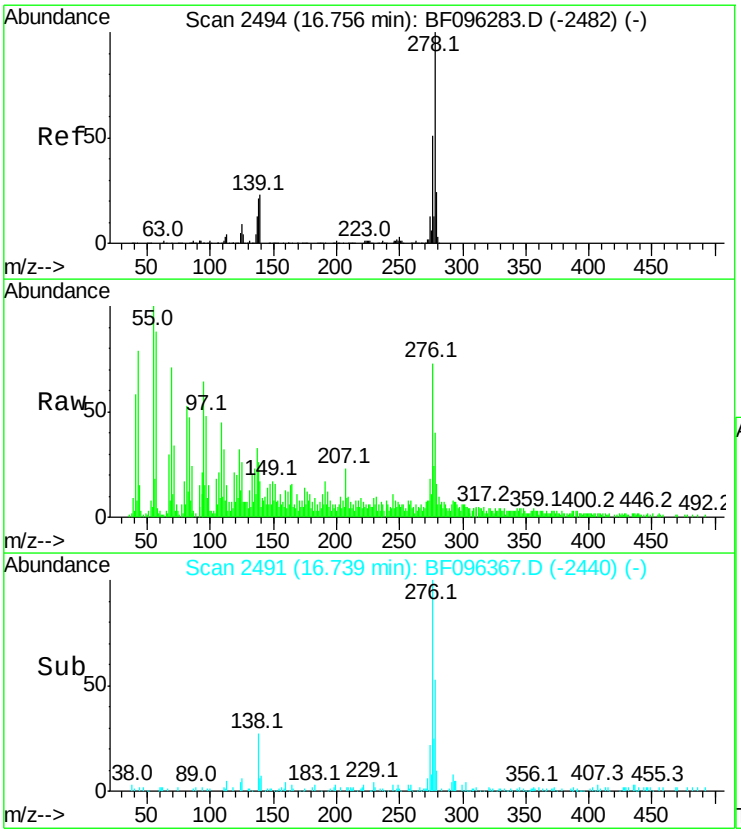
#89
Benzo(a)pyrene
Concen: 8.60 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 77073

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	22.2	11.0	16.4#

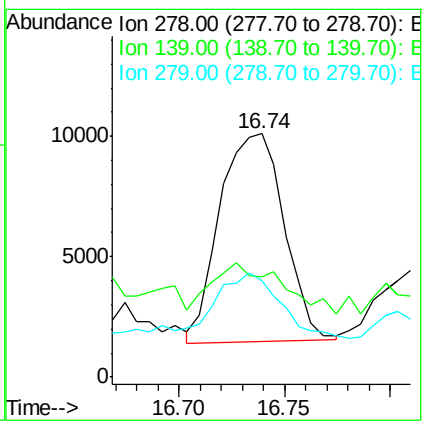


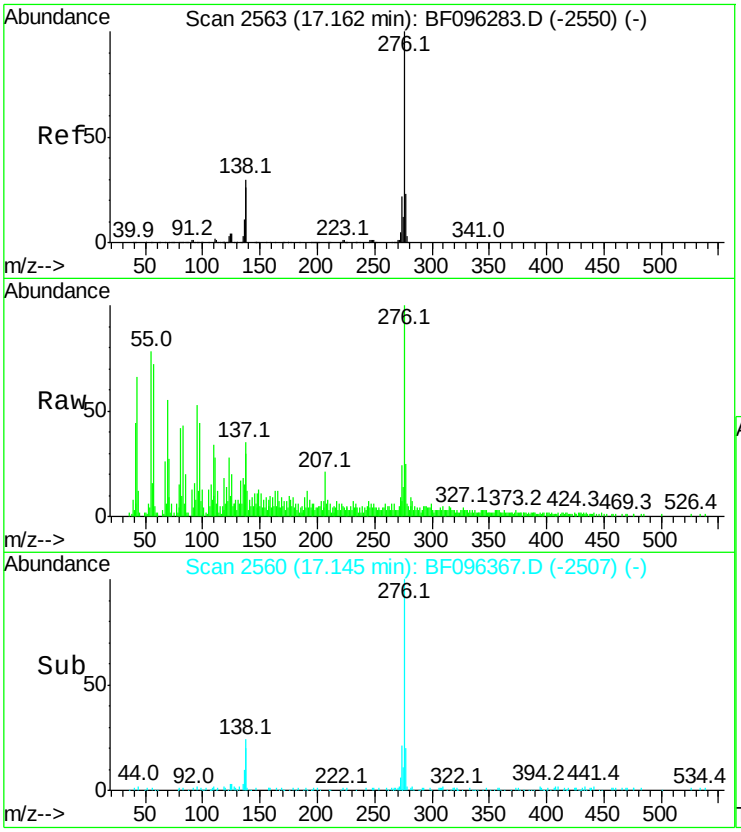


#90
Dibenzo(a,h)anthracene
Concen: 2.61 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Tgt Ion:278 Resp: 18341

Ion	Ratio	Lower	Upper
278	100		
139	41.3	16.6	24.8#
279	39.5	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.09 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF096367.D
Acq: 1 Jul 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 59026

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	29.8	25.4	38.0