Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096365.D
Acq On : 1 Jul 2017 4:44
Operator : SJ/MA
Sample : I3974-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 01 06:27:07 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	139568	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	525118	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	188612	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	318684	20.00	ng		-0.01
75) Chrysene-d12	13.90	240	239054	20.00	ng		-0.01
86) Perylene-d12	15.33	264	167387	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	499302	51.54	ng		-0.01
7) Phenol-d6	6.39	99	592687	50.53	ng		0.00
23) Nitrobenzene-d5	7.32	82	304757	40.18	ng		-0.04
41) 2,4,6-Tribromophenol	10.57	330	103103	69.46	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	497085	48.27	ng		-0.03
78) Terphenyl-d14	12.86	244	409364	42.73	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	750	Below Cal		#	72
19) n-Nitroso-di-n-propylamine	7.32	70	40374	5.75	ng	#	87
25) Isophorone	7.32	82	304626	17.68	ng	#	67
32) Benzoic acid	7.73	122	1062	8.94	ng	#	85
49) Dimethylphthalate	9.51	163	71795	5.32	ng		98
57) Fluorene	10.34	166	7022	Below Cal			99
60) 4-Chlorophenyl-phenylether	10.07	204	144	Below Cal		#	74
70) Phenanthrene	11.30	178	65500	Below Cal			98
74) Fluoranthene	12.48	202	85691	4.84	ng		97
77) Pyrene	12.71	202	85796	4.37	ng		98
80) Benzo(a)anthracene	13.89	228	37567	2.58	ng	#	80
82) Chrysene	13.93	228	36484	2.42	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.71	276	32526	2.60	ng		96
87) Benzo(b)fluoranthene	14.92	252	68635	6.24	ng	#	78
88) Benzo(k)fluoranthene	14.92	252	68635	6.84	ng	#	82
89) Benzo(a)pyrene	15.27	252	36169	3.72	ng	#	79
91) Benzo(g,h,i)perylene	17.13	276	39119	4.95	ng	#	91

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

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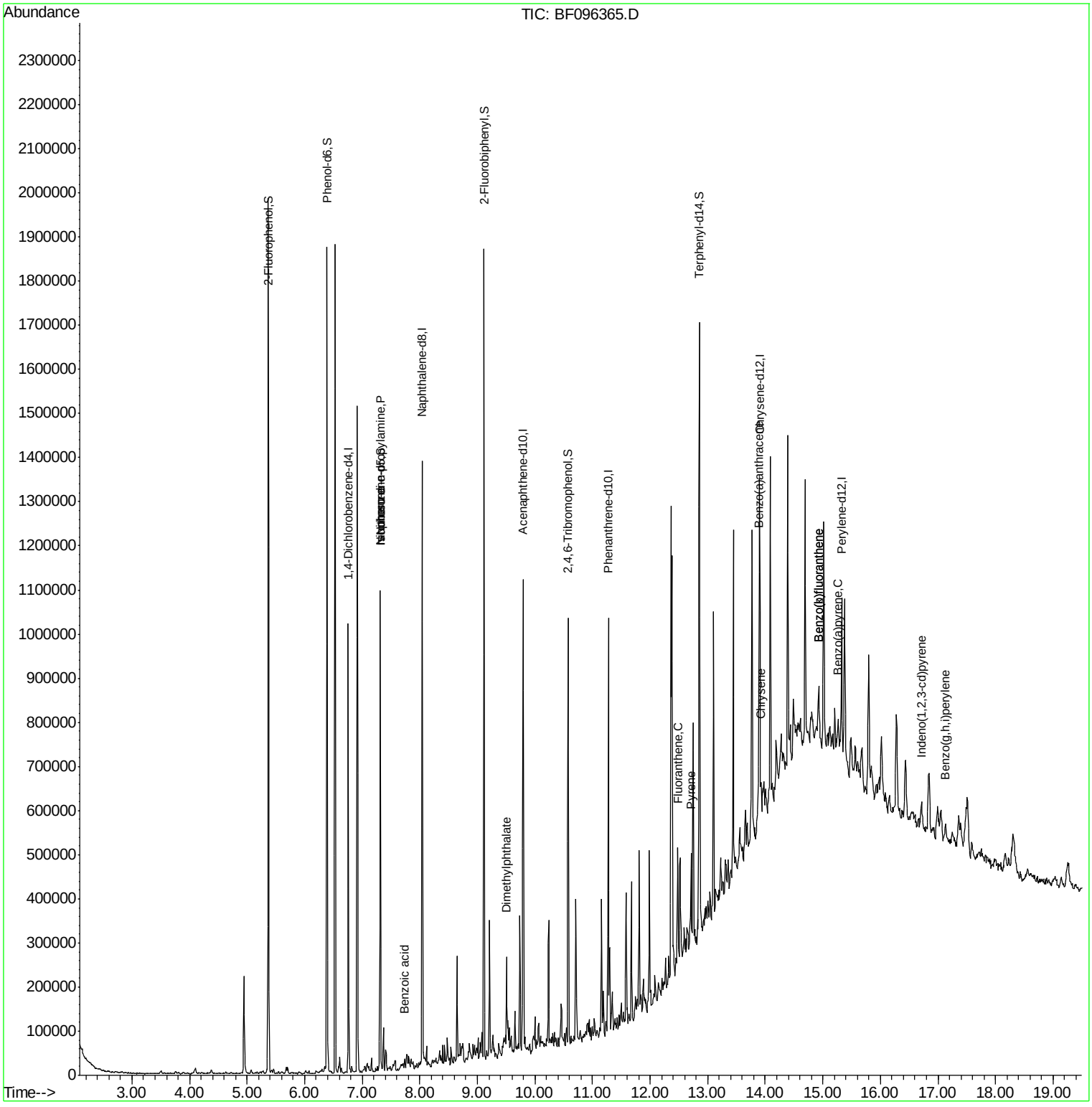
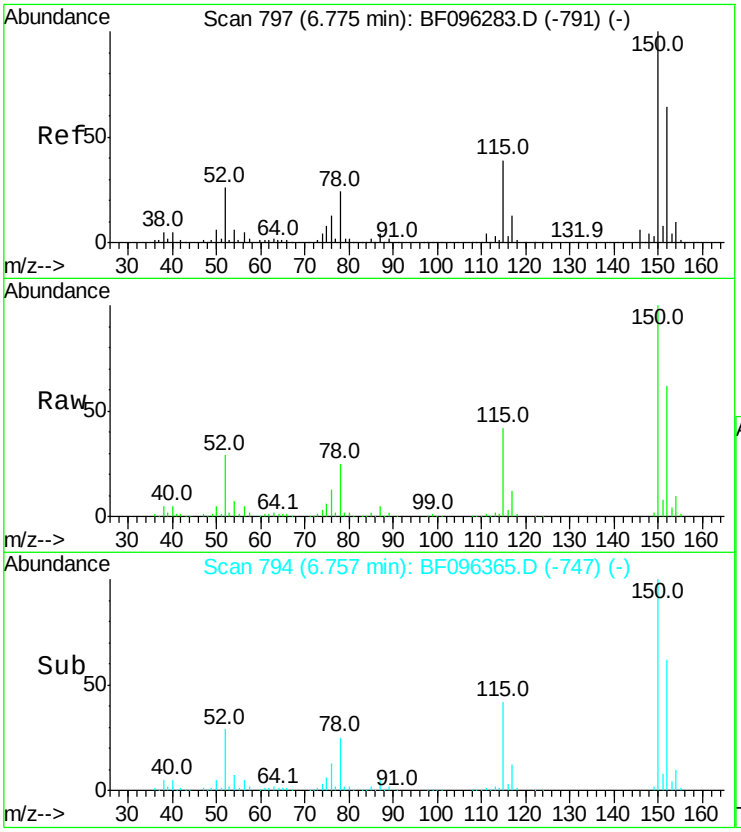


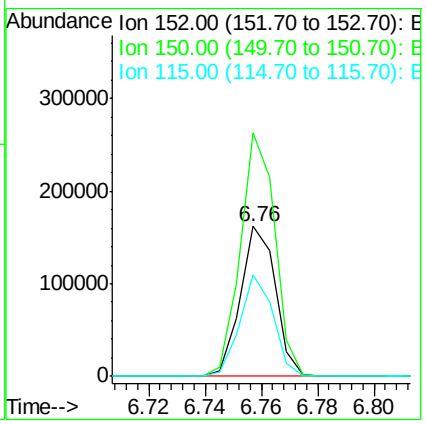


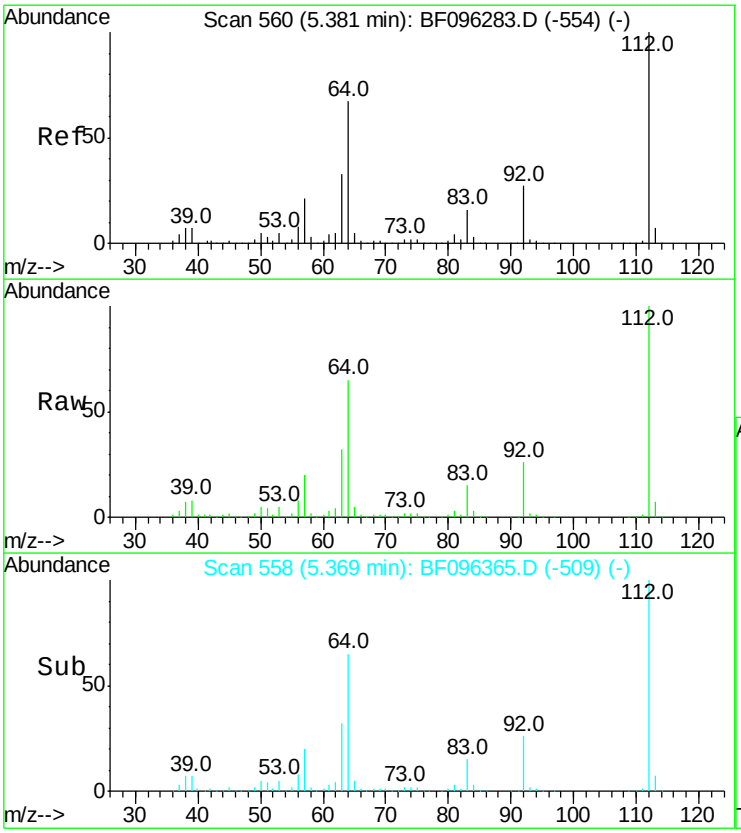
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139568

Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.2	189.2
115	68.0	52.2	78.2

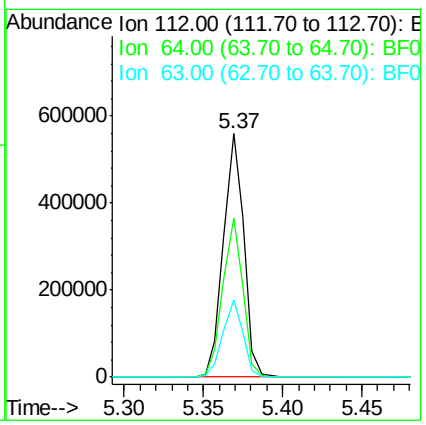


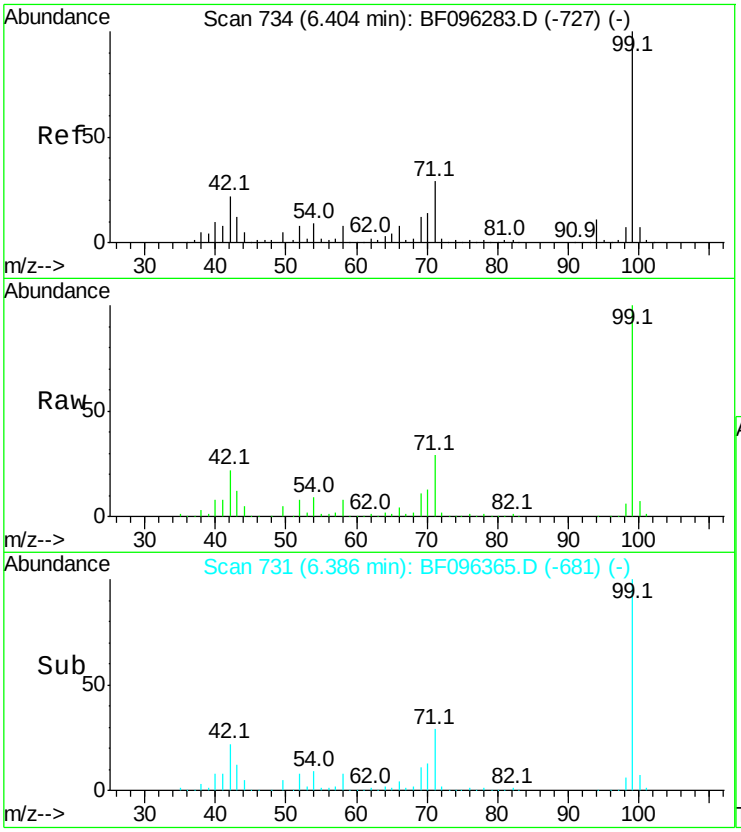


#5
2-Fluorophenol
Concen: 51.54 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:112 Resp: 499302

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	31.9	23.4	35.0



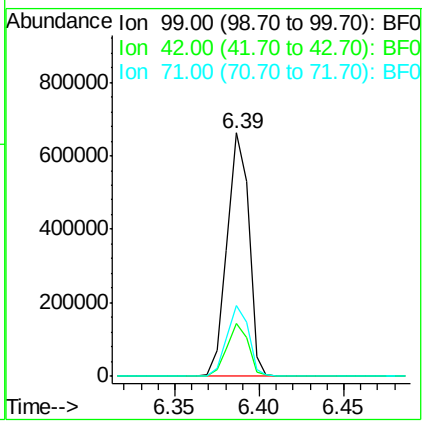


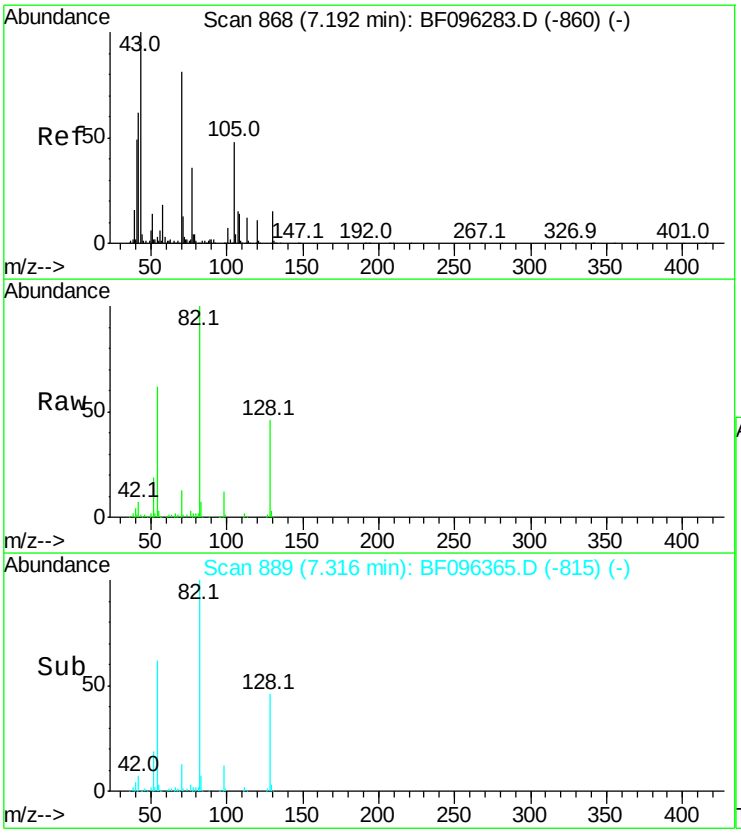
#7
Phenol-d6
Concen: 50.53 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 592687

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	29.3	24.5	36.7

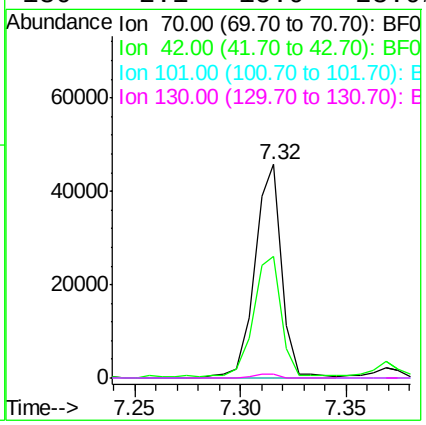


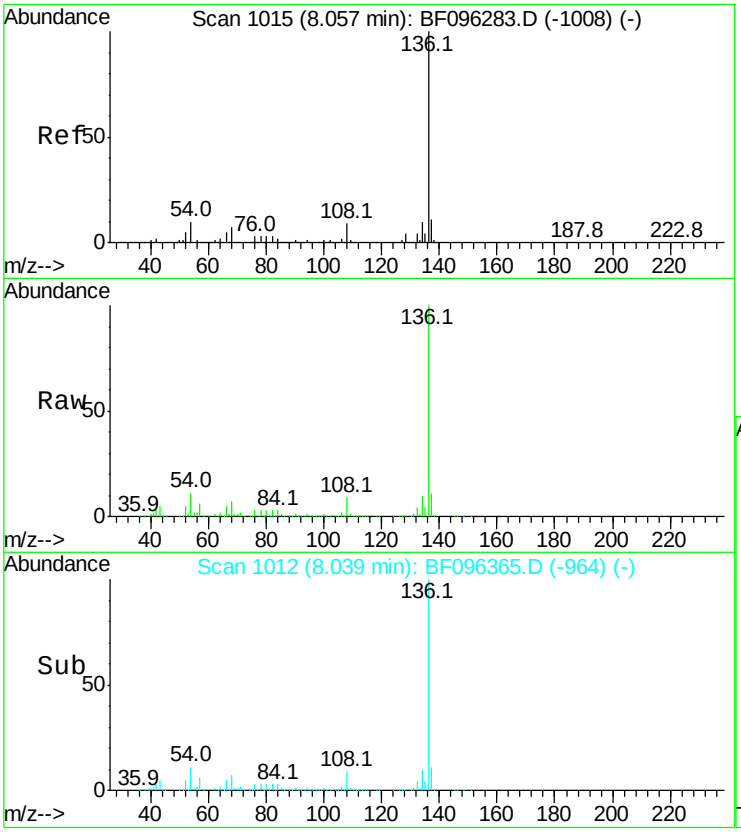


#19
n-Nitroso-di-n-propylamine
Concen: 5.75 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion: 70 Resp: 40374

Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



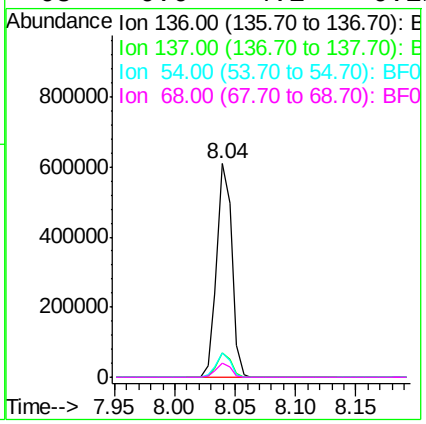


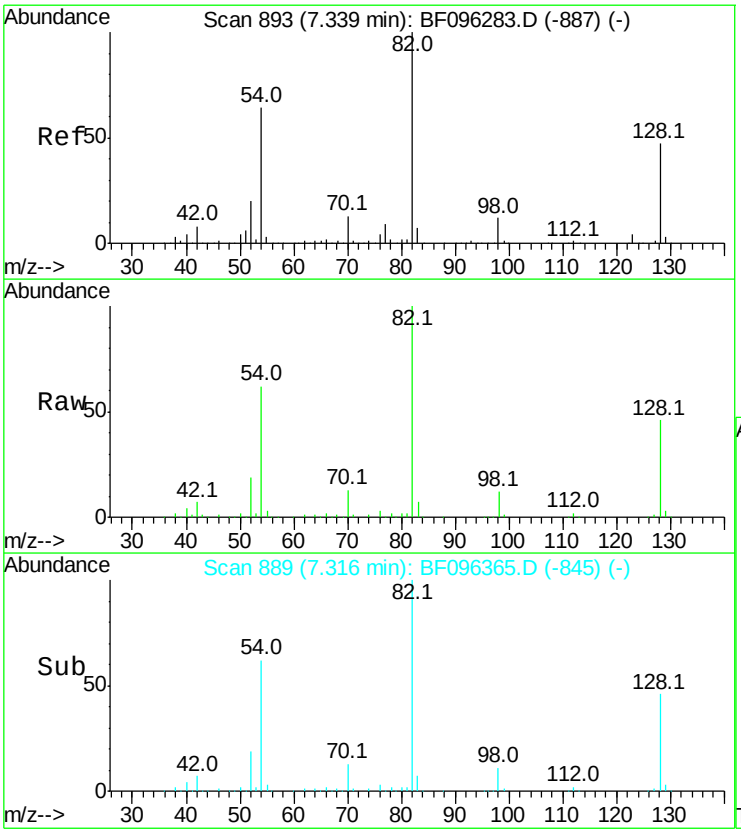
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 525118

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.3	4.9	7.3#
68	6.6	4.1	6.1#

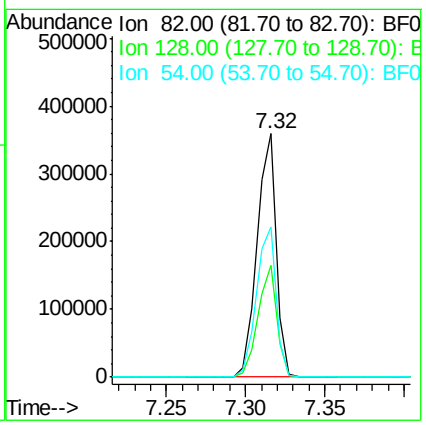


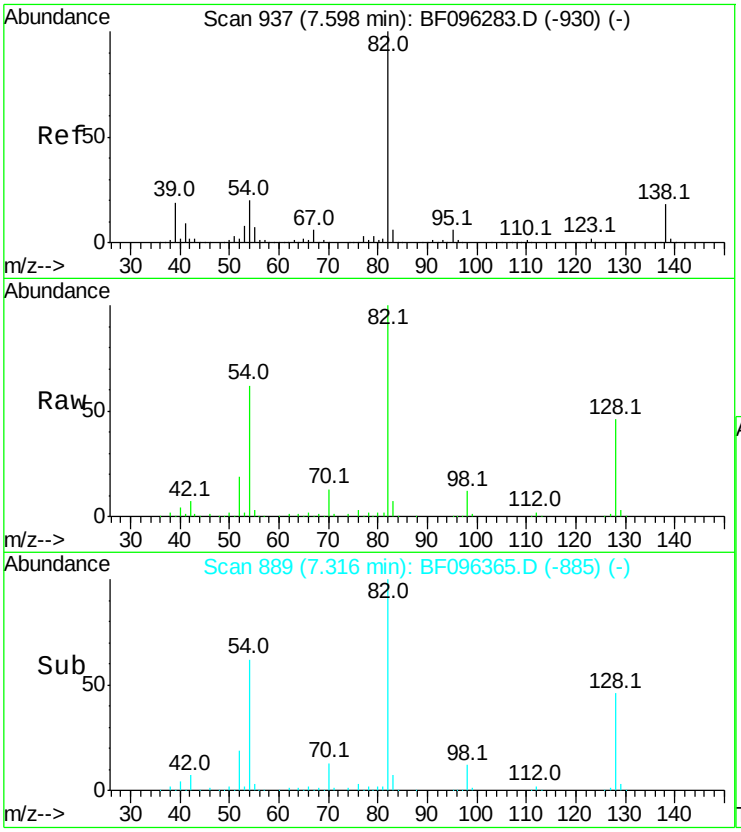


#23
Nitrobenzene-d5
Concen: 40.18 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion: 82 Resp: 304757

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	61.7	42.2	63.2



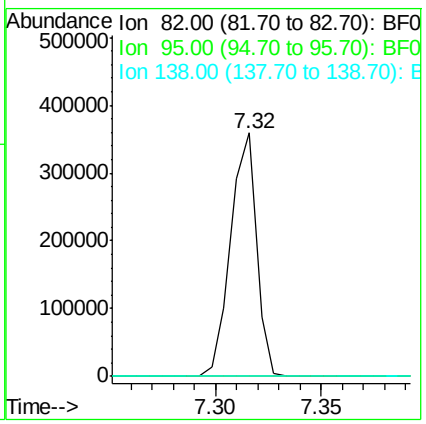


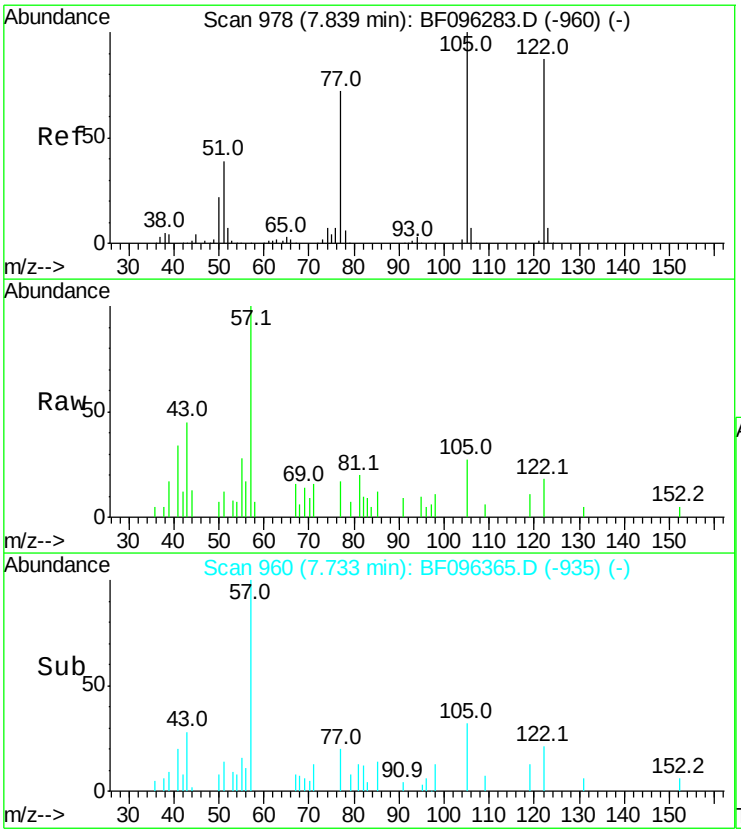
#25
Isophorone
Concen: 17.68 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.28 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 304626

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

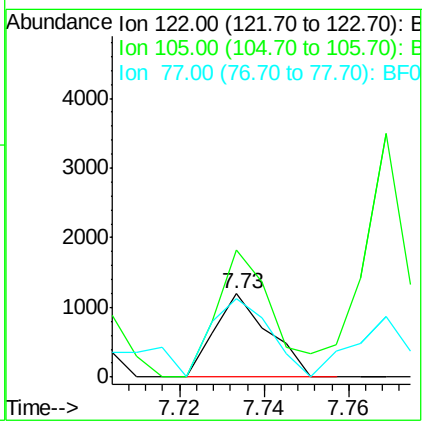


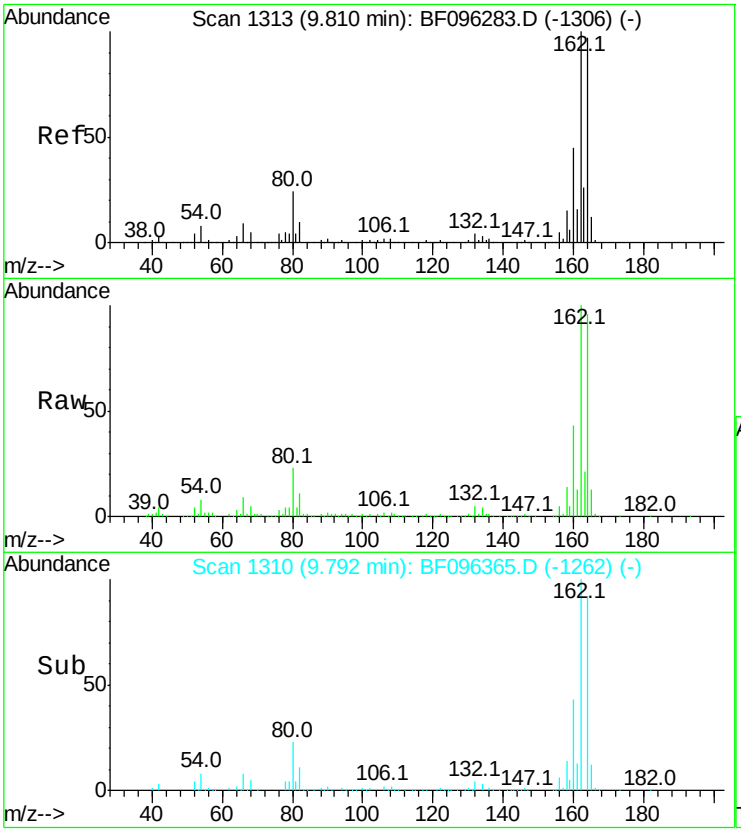


#32
Benzoic acid
Concen: 8.94 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.15 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:122 Resp: 1062

Ion	Ratio	Lower	Upper
122	100		
105	151.9	103.3	143.3#
77	94.0	73.7	113.7



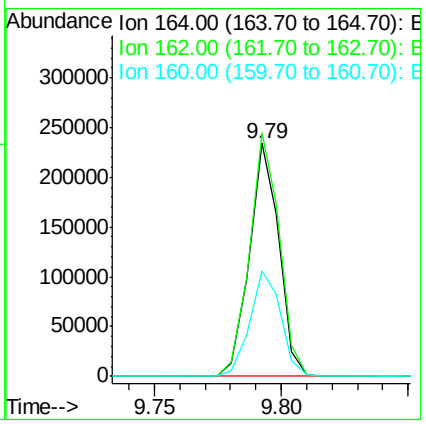


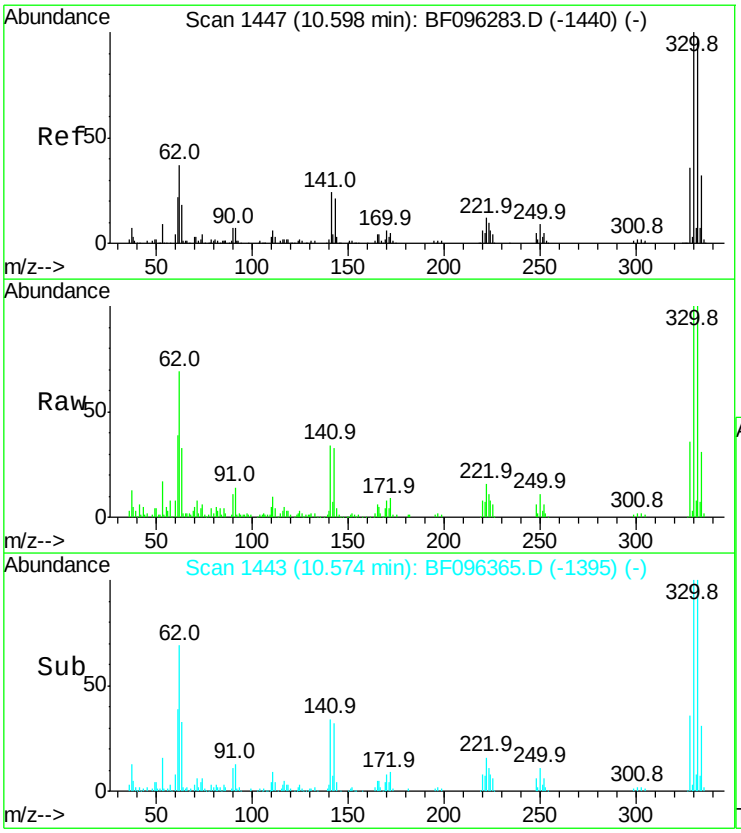
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 188612

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.2	36.2	54.2

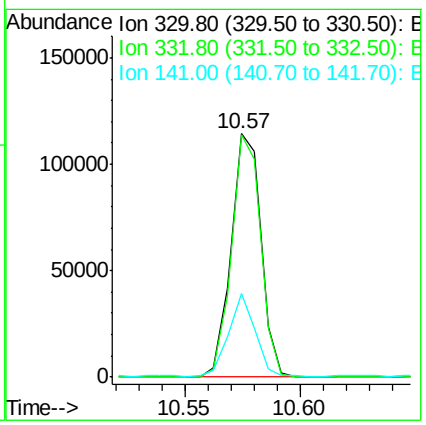


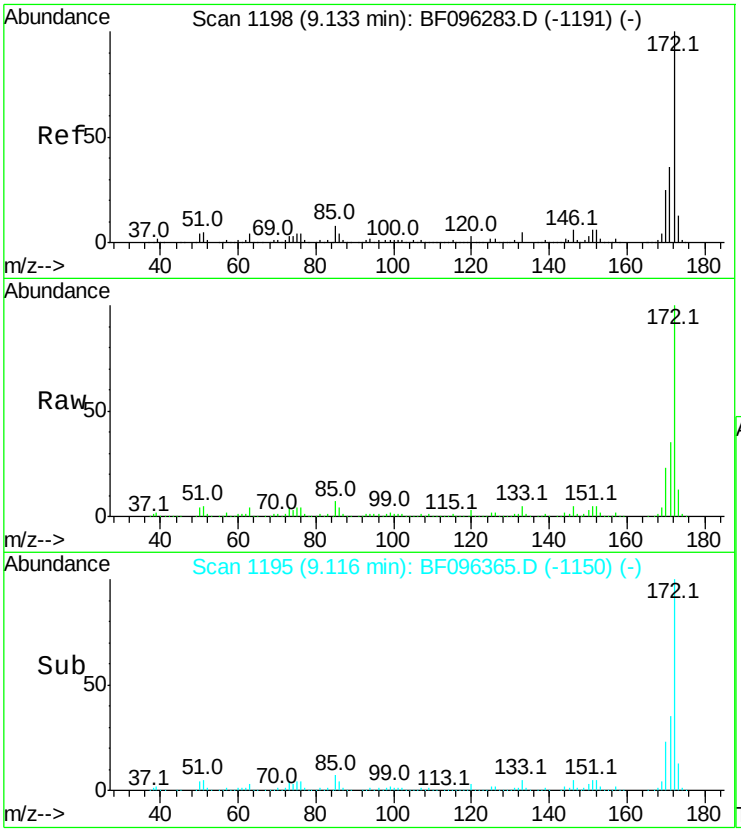


#41
2,4,6-Tribromophenol
Concen: 69.46 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:330 Resp: 103103

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	30.3	31.4	47.2#



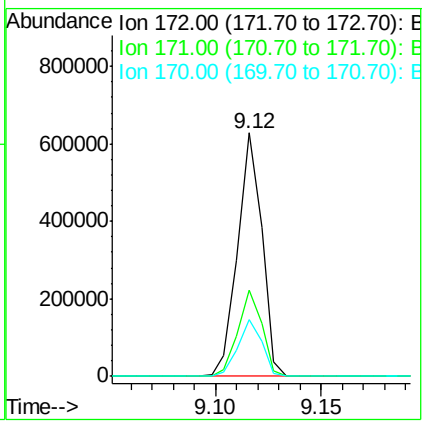


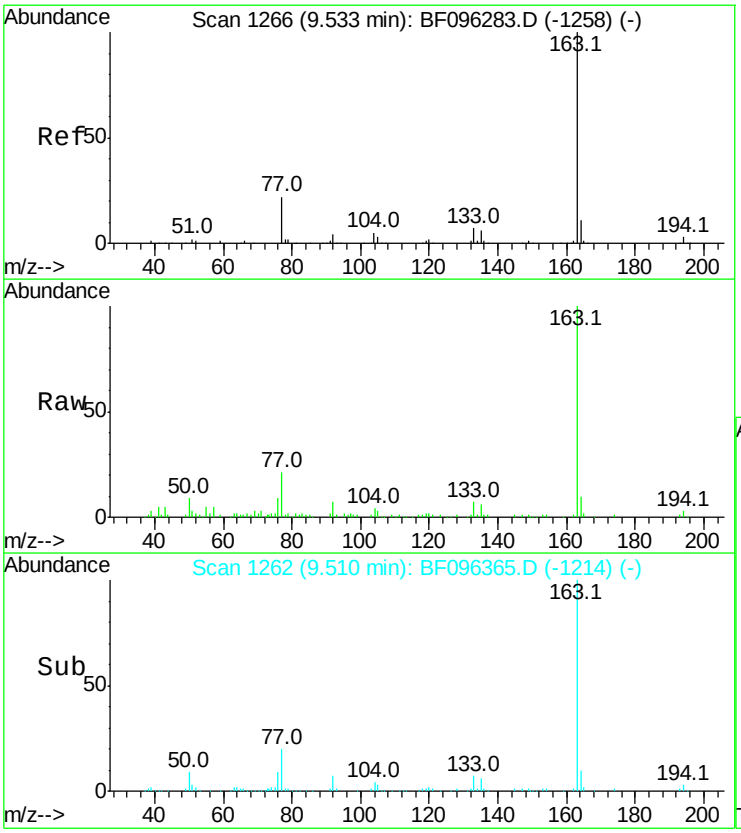
#44
2-Fluorobiphenyl
Concen: 48.27 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 497085

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.3	19.8	29.8

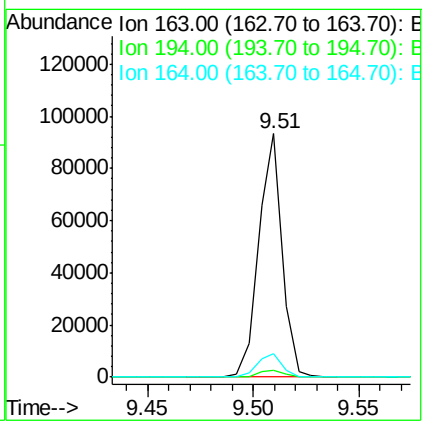


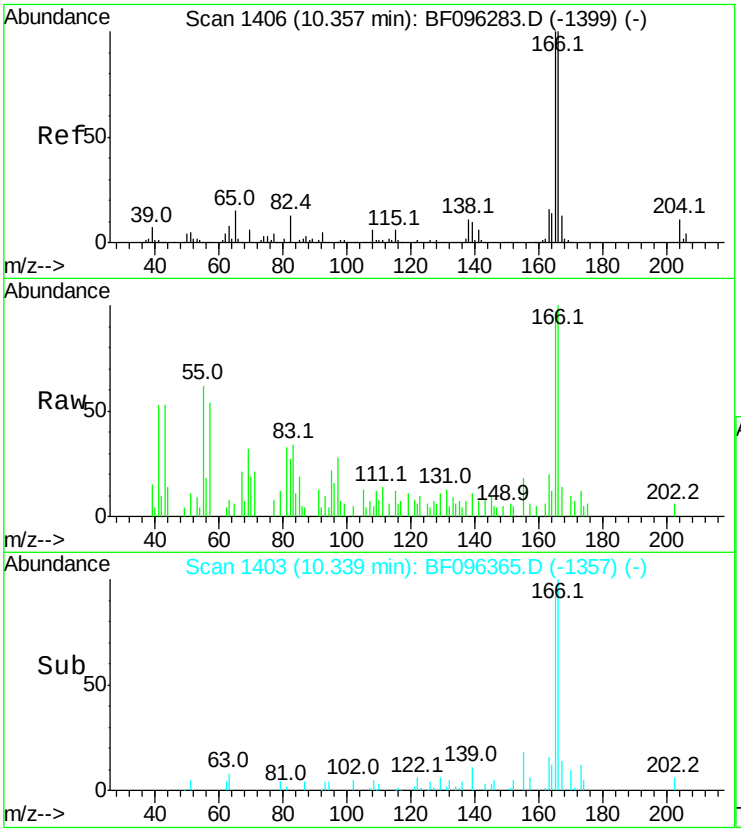


#49
Dimethylphthalate
Concen: 5.32 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:163 Resp: 71795

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.8	8.4	12.6



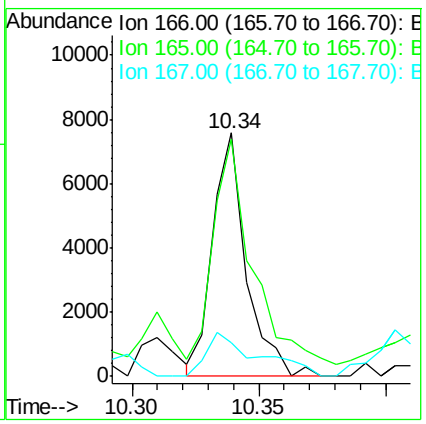


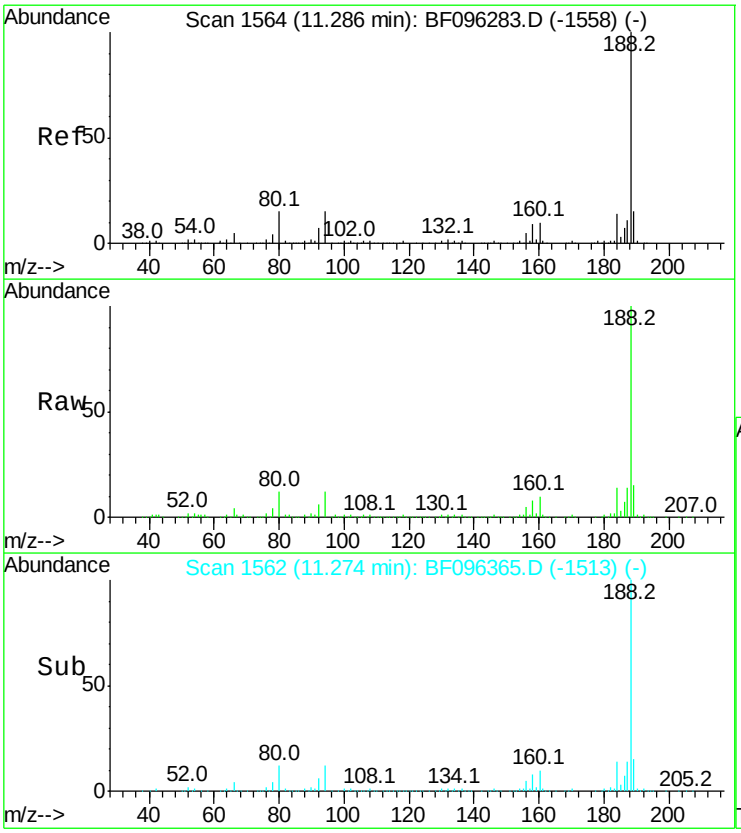
#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 7022

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.8	118.2
167	13.7	10.6	16.0

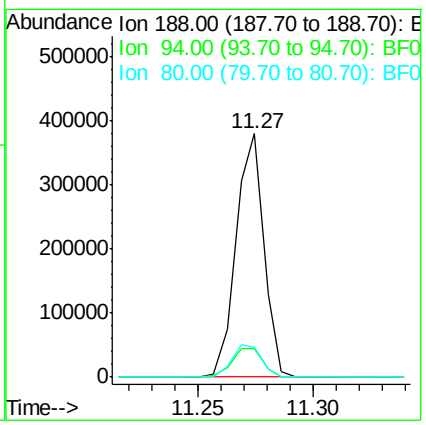


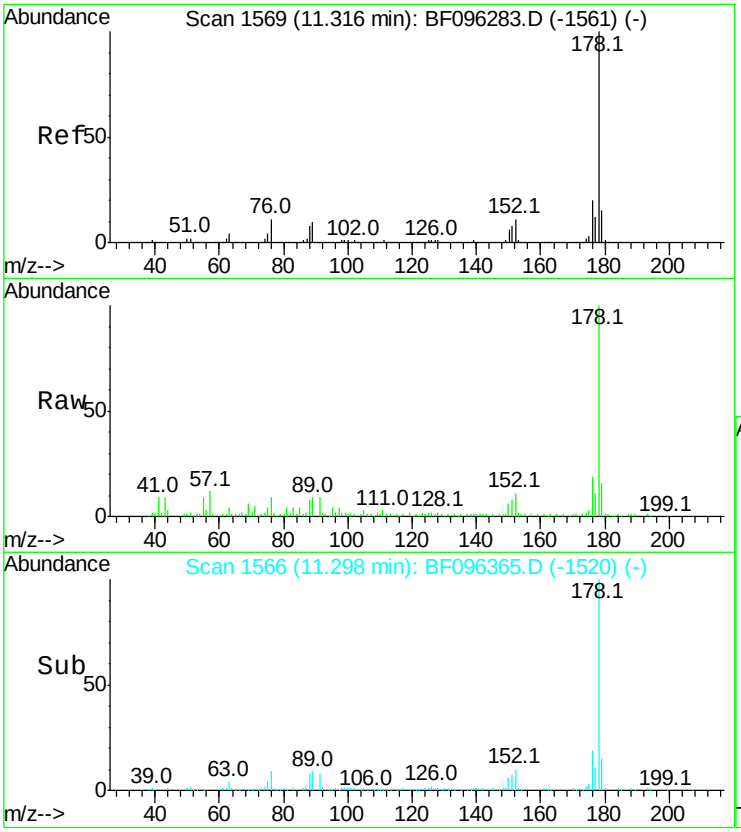


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:188 Resp: 318684

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.2	10.2	15.2



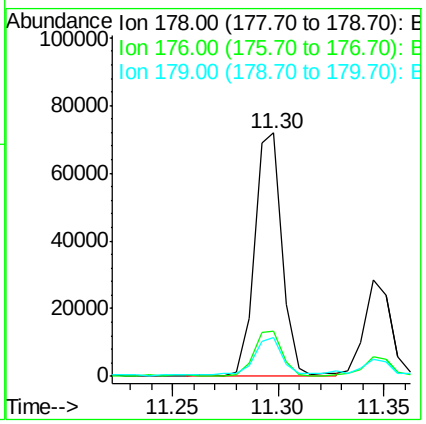


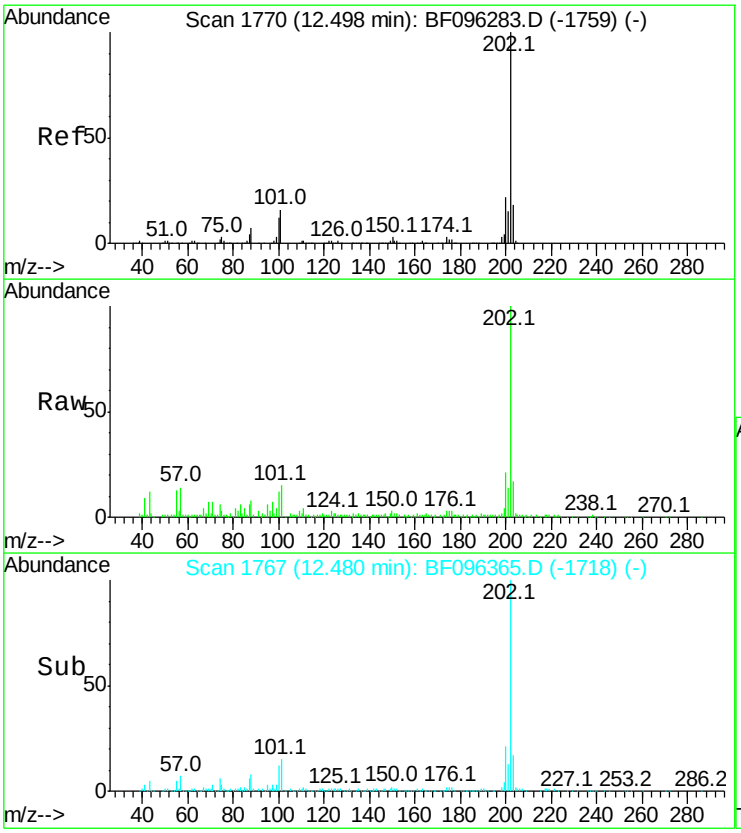
#70
Phenanthrene
Concen: Below Cal
RT: 11.30 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 65500

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.9	12.6	19.0

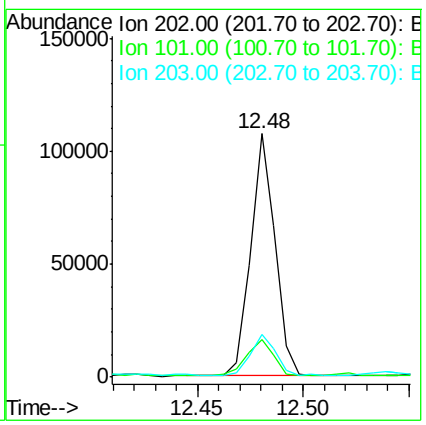


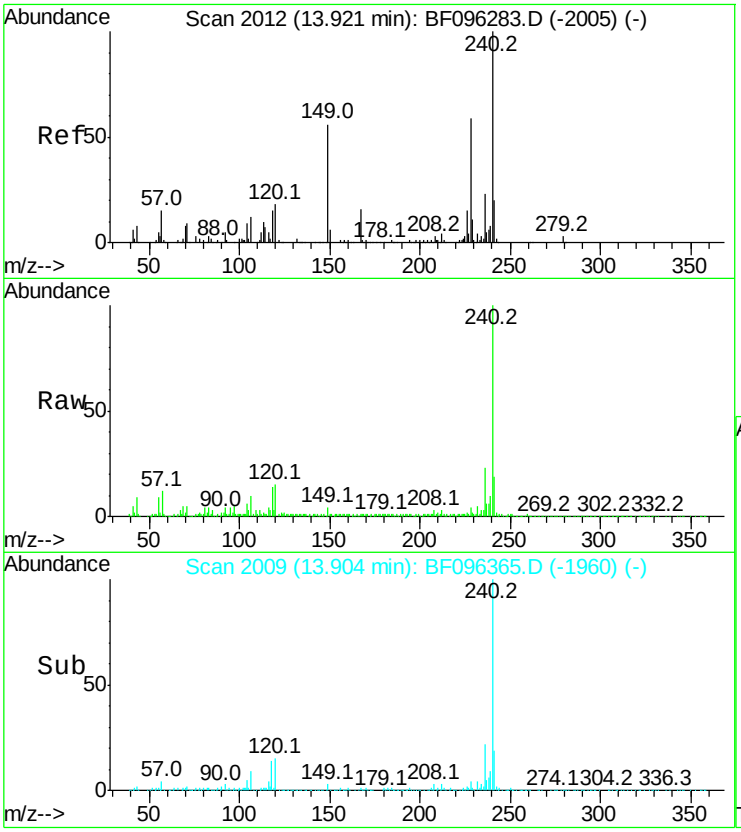


#74
Fluoranthene
Concen: 4.84 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:202 Resp: 85691

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.2
203	17.3	0.0	38.1



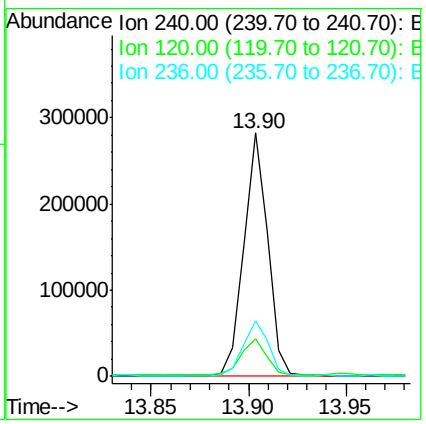


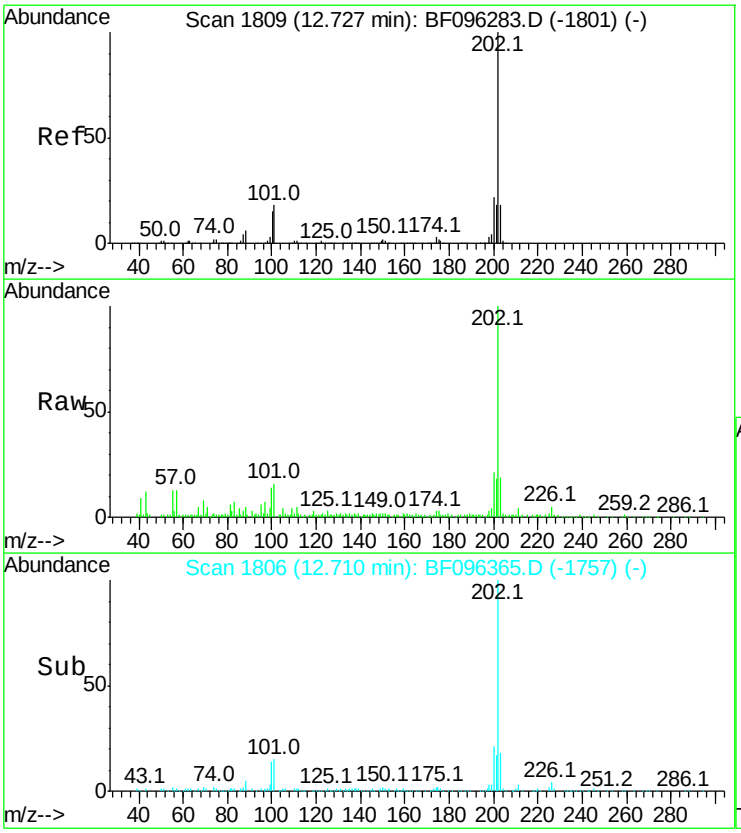
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 239054

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	22.5	20.5	30.7

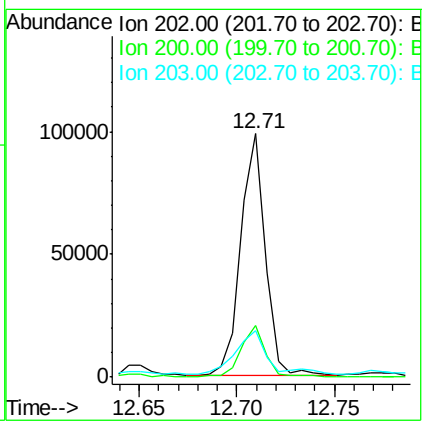


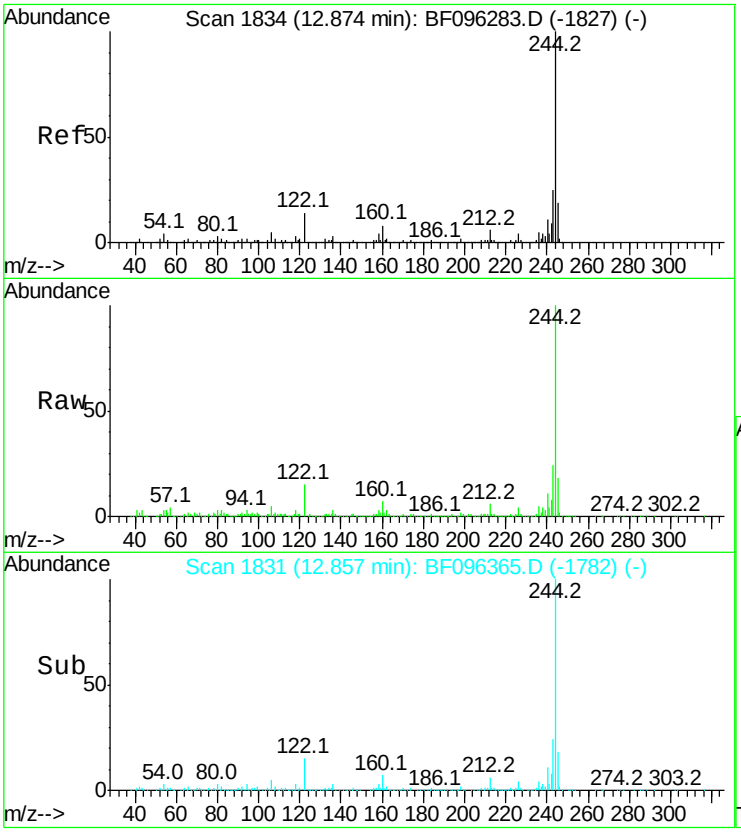


#77
Pyrene
Concen: 4.37 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:202 Resp: 85796

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	19.0	14.4	21.6



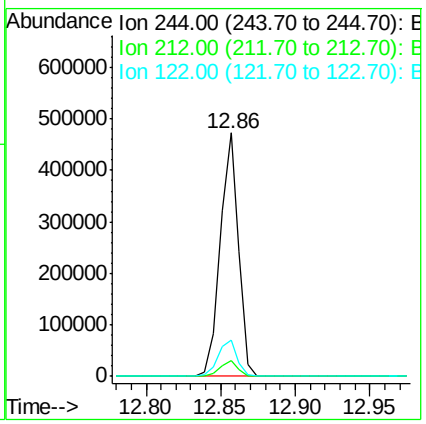


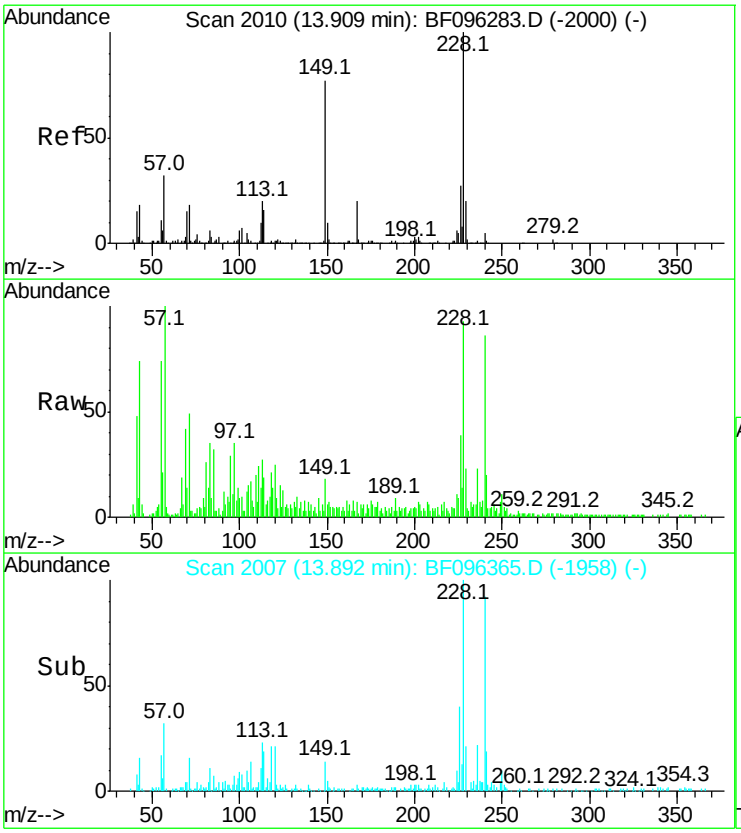
#78
Terphenyl-d14
Concen: 42.73 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 409364

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.9	10.3	15.5

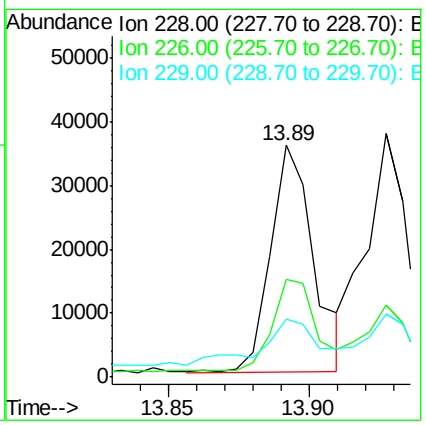


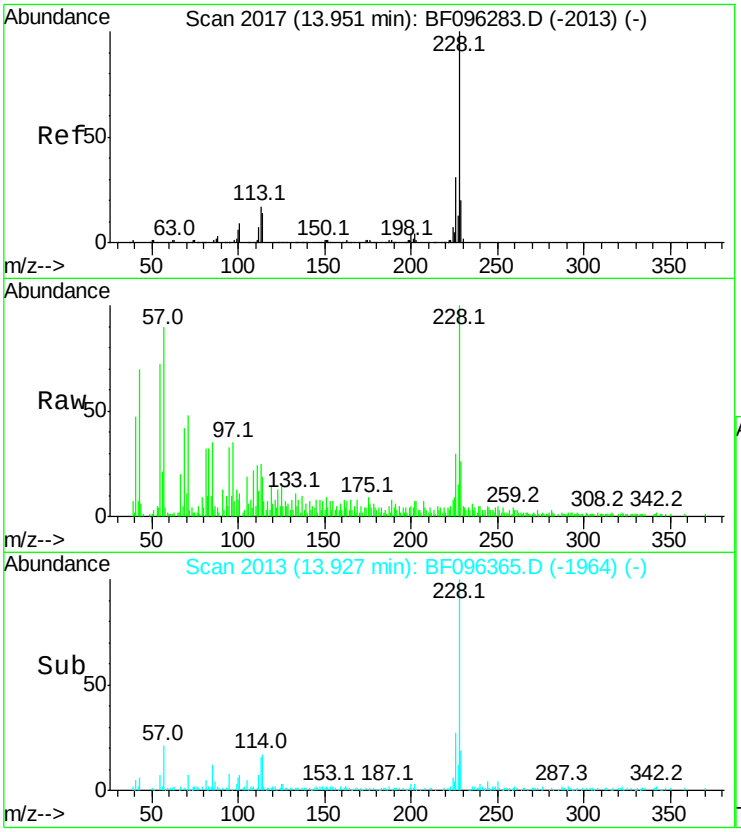


#80
Benzo(a)anthracene
Concen: 2.58 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:228 Resp: 37567

Ion	Ratio	Lower	Upper
228	100		
226	42.3	22.6	33.8#
229	25.0	16.3	24.5#



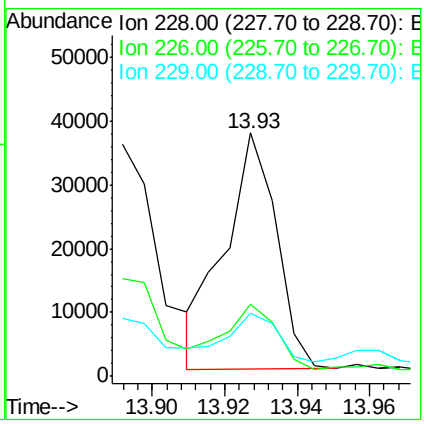


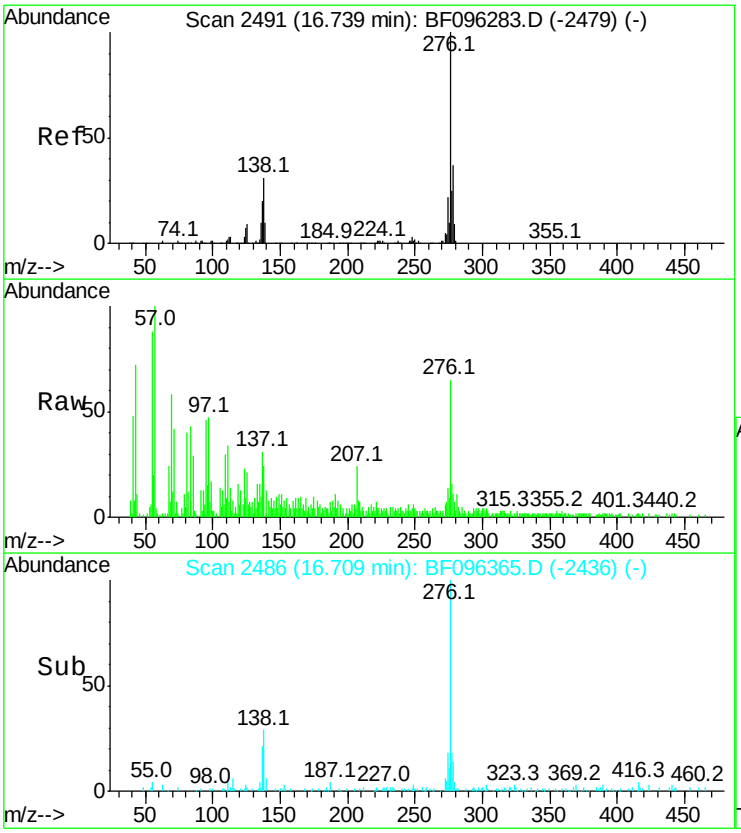
#82
Chrysene
Concen: 2.42 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 36484

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	25.8	15.8	23.6#

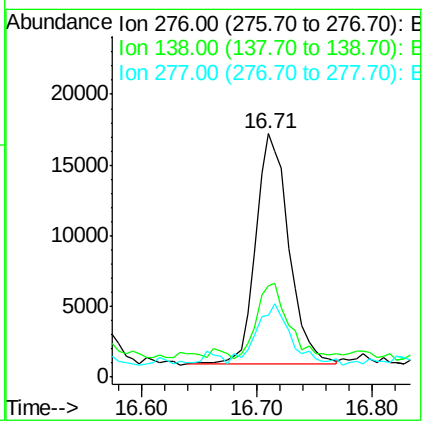


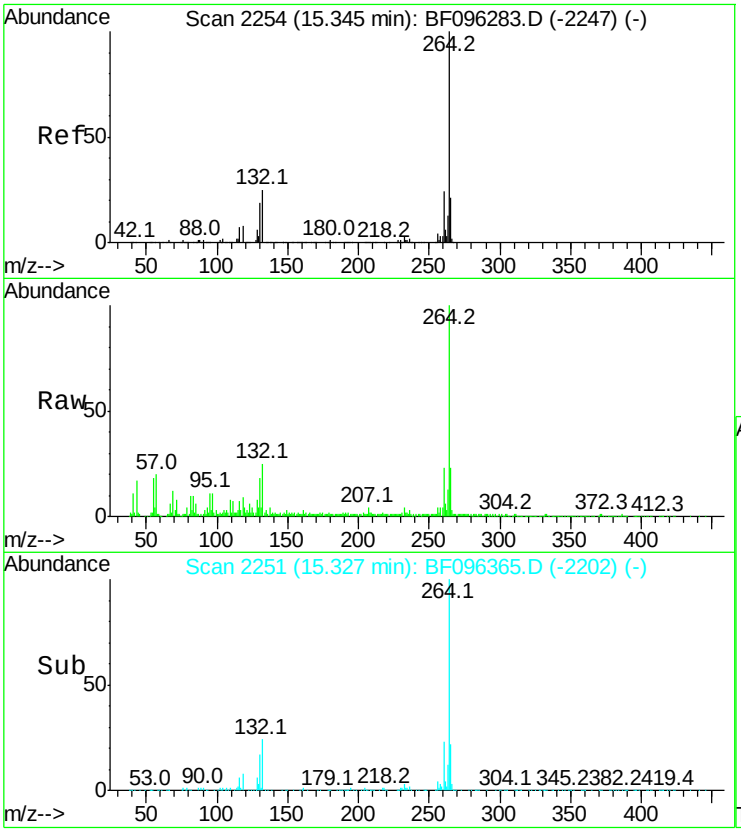


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.60 ng
RT: 16.71 min Scan# 2486
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:276 Resp: 32526

Ion	Ratio	Lower	Upper
276	100		
138	31.7	27.8	41.6
277	26.8	20.2	30.4



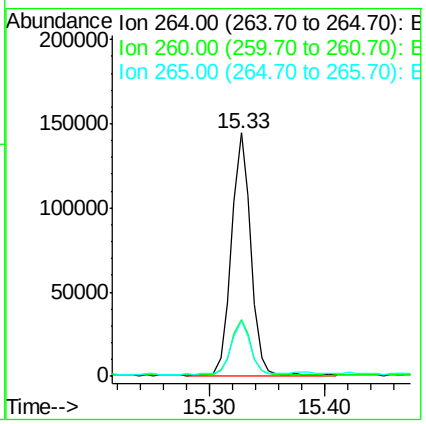


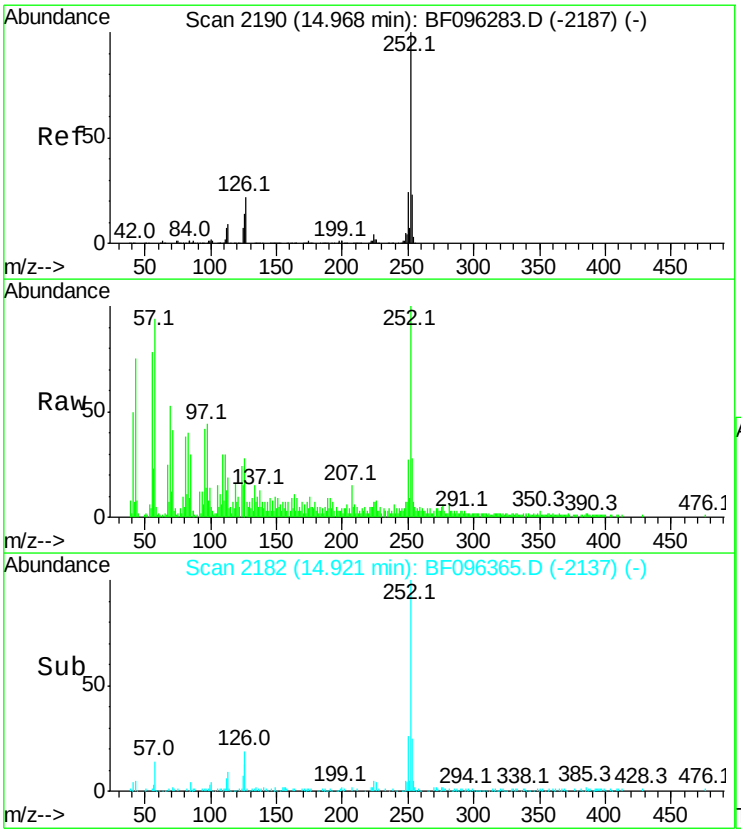
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167387

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	23.0	17.2	25.8

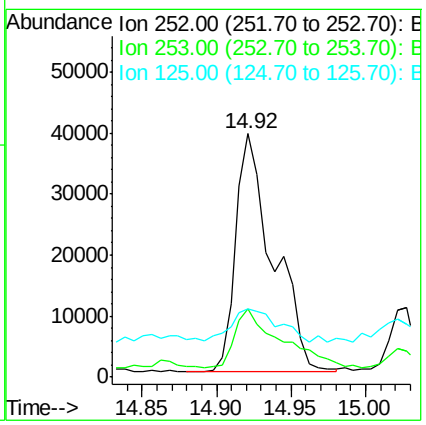


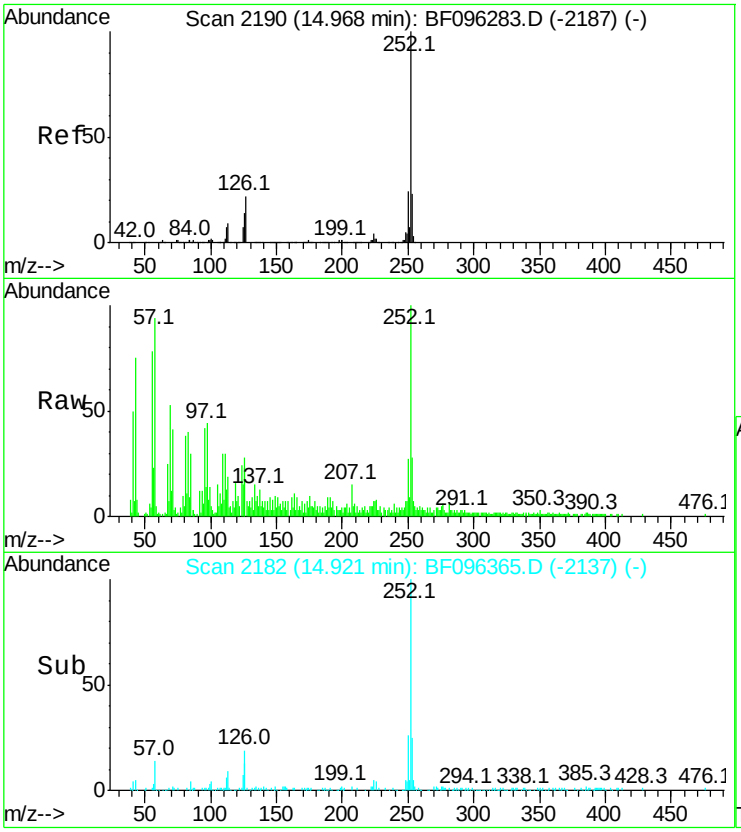


#87
Benzo(b)fluoranthene
Concen: 6.24 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:252 Resp: 68635

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	28.2	9.8	14.8#



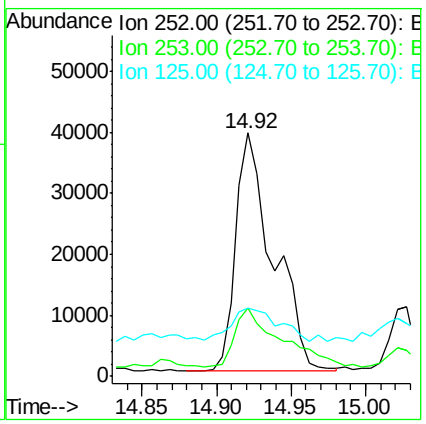


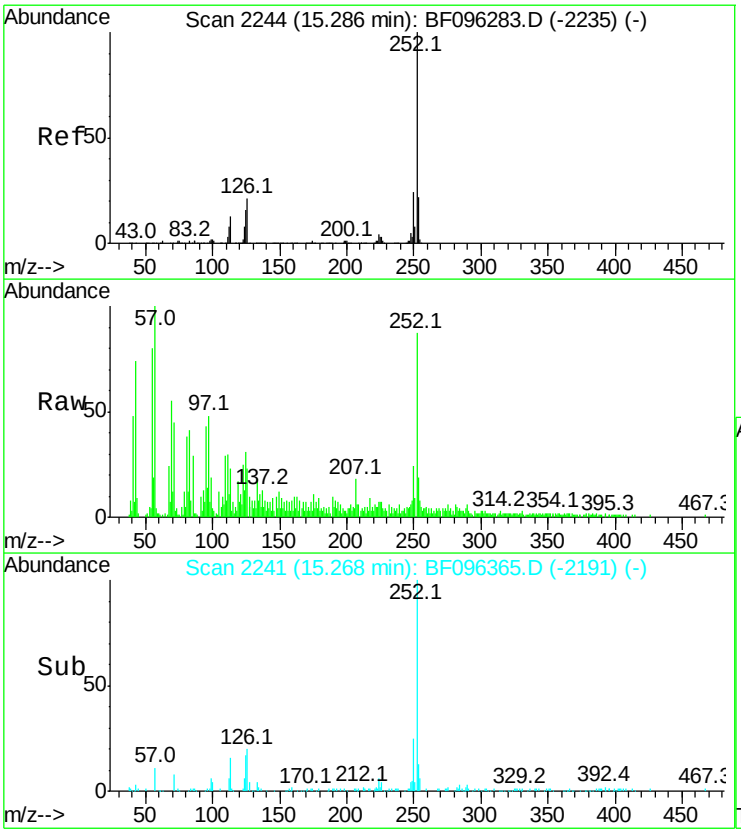
#88
Benzo(k)fluoranthene
Concen: 6.84 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 68635

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.4	27.6#
125	28.2	13.1	19.7#

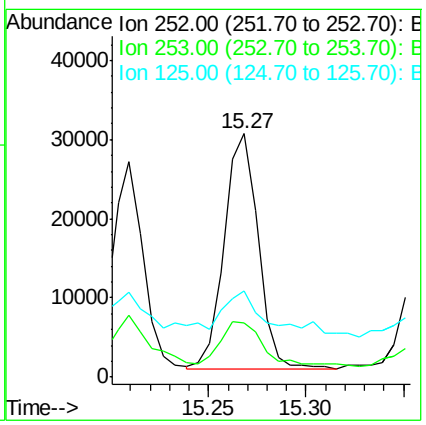


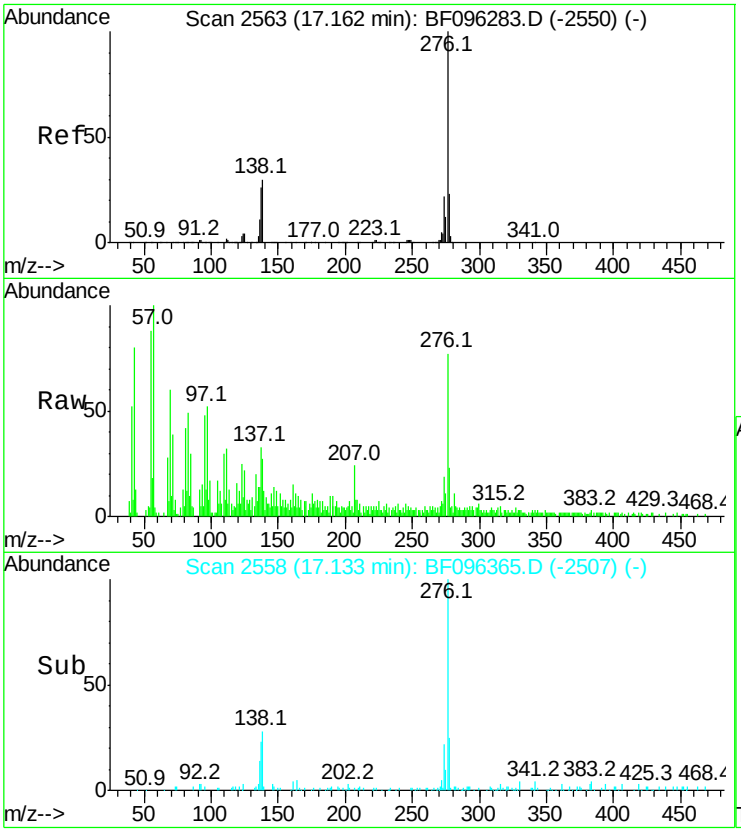


#89
Benzo(a)pyrene
Concen: 3.72 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:252 Resp: 36169

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	35.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.95 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39119

Ion	Ratio	Lower	Upper
276	100		
277	30.2	18.6	28.0#
138	34.7	25.4	38.0