Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097781.D
Acq On : 17 Aug 2017 11:29
Operator : SJ/JU
Sample : I4797-03 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 17 14:57:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	163008	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	598027	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	236605	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	360782	20.00	ng		0.00
75) Chrysene-d12	13.93	240	313429	20.00	ng		0.00
86) Perylene-d12	15.36	264	270643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	115457	10.77	ng		-0.01
7) Phenol-d6	6.40	99	155131	10.65	ng		-0.01
23) Nitrobenzene-d5	7.33	82	91164	8.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	16720	8.14	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	146909	9.12	ng		-0.01
78) Terphenyl-d14	12.88	244	80040	5.33	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.33	82	91018	3.976	ng	#	67
32) Benzoic acid	8.06	122	113	6.418	ng	#	1
50) 2,6-Dinitrotoluene	9.82	165	30266	8.767	ng	#	34
56) 2,4-Dinitrotoluene	9.82	165	30266	6.986	ng	#	33
70) Phenanthrene	11.32	178	102581	5.336	ng		98
74) Fluoranthene	12.50	202	132489	6.603	ng		98
77) Pyrene	12.73	202	125503	4.896	ng		96
80) Benzo(a)anthracene	13.92	228	62594	3.332	ng		96
82) Chrysene	13.96	228	51737	2.769	ng		97
87) Benzo(b)fluoranthene	14.95	252	78463	4.599	ng		99
88) Benzo(k)fluoranthene	14.95	252	78463	4.896	ng	#	95
89) Benzo(a)pyrene	15.30	252	42253	2.798	ng		96

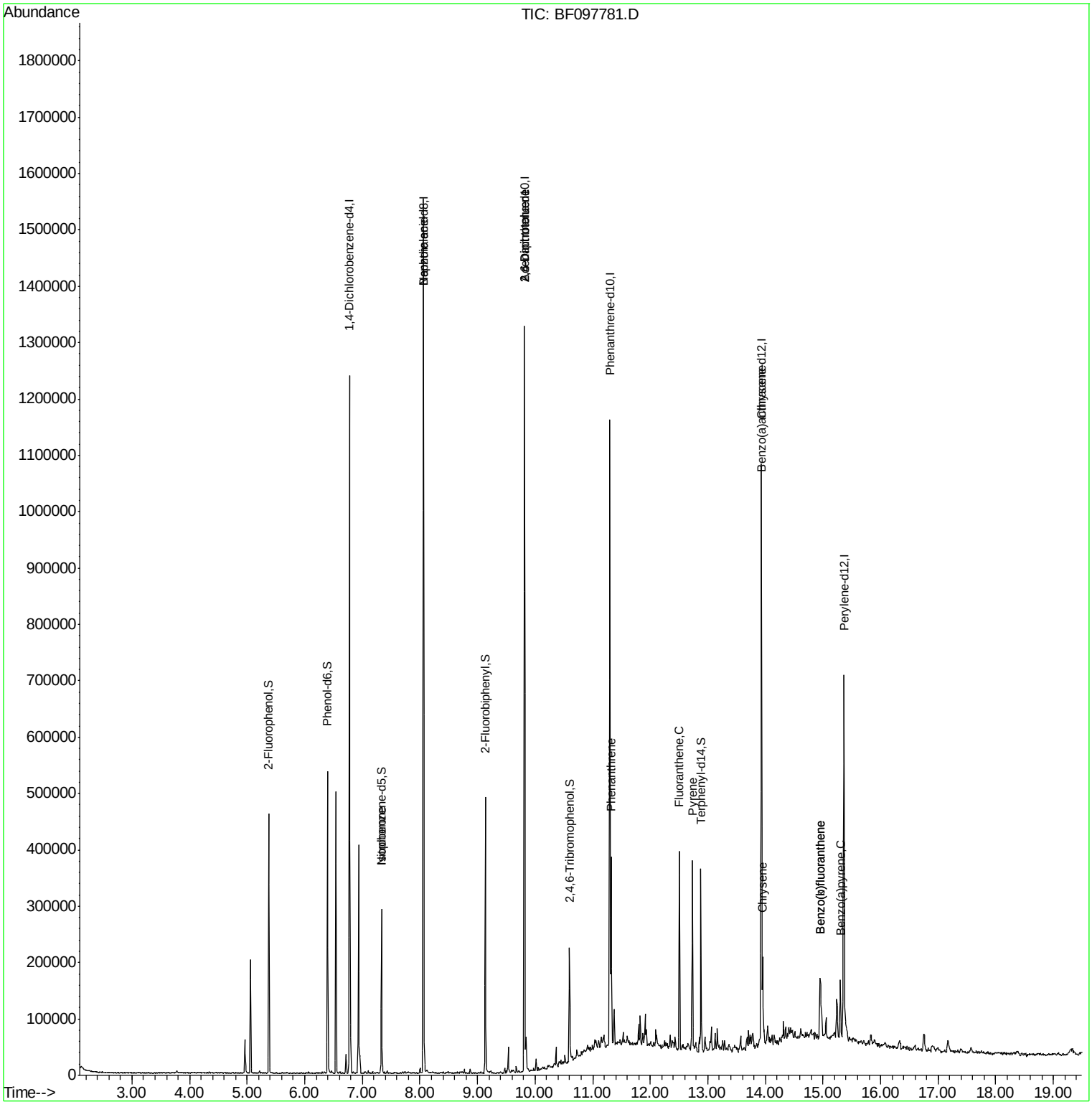
(#) = qualifier out of range (m) = manual integration (+) = signals summed

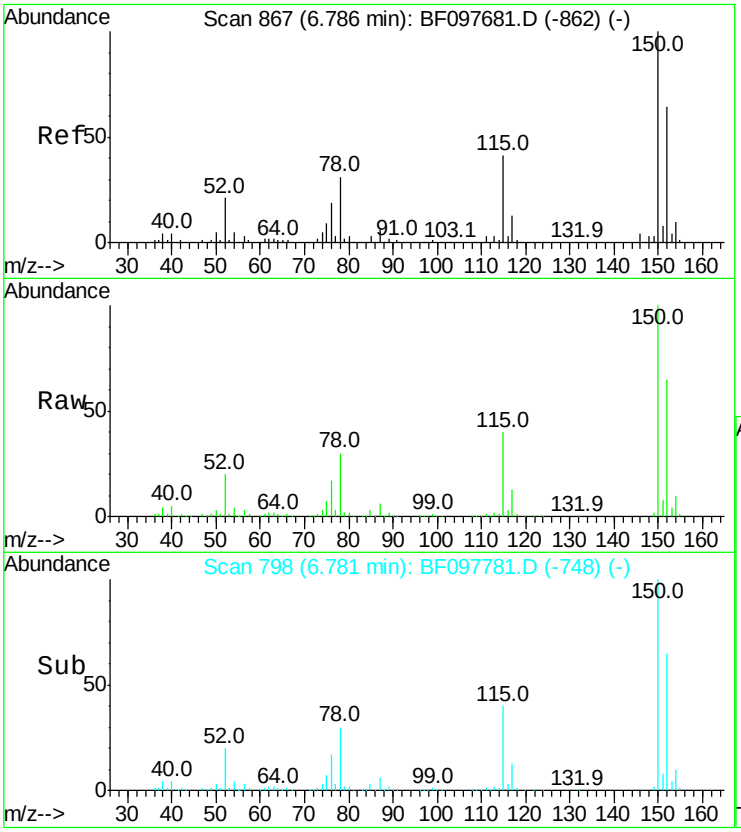
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097781.D
Acq On : 17 Aug 2017 11:29
Operator : SJ/JU
Sample : I4797-03 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 17 14:57:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



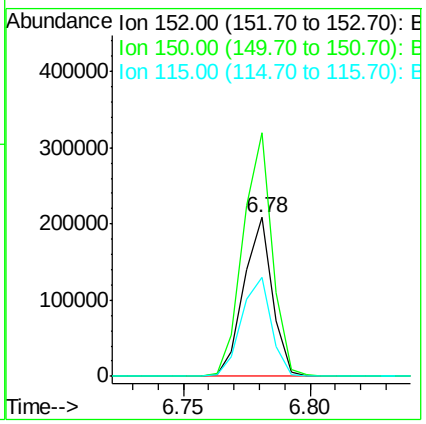


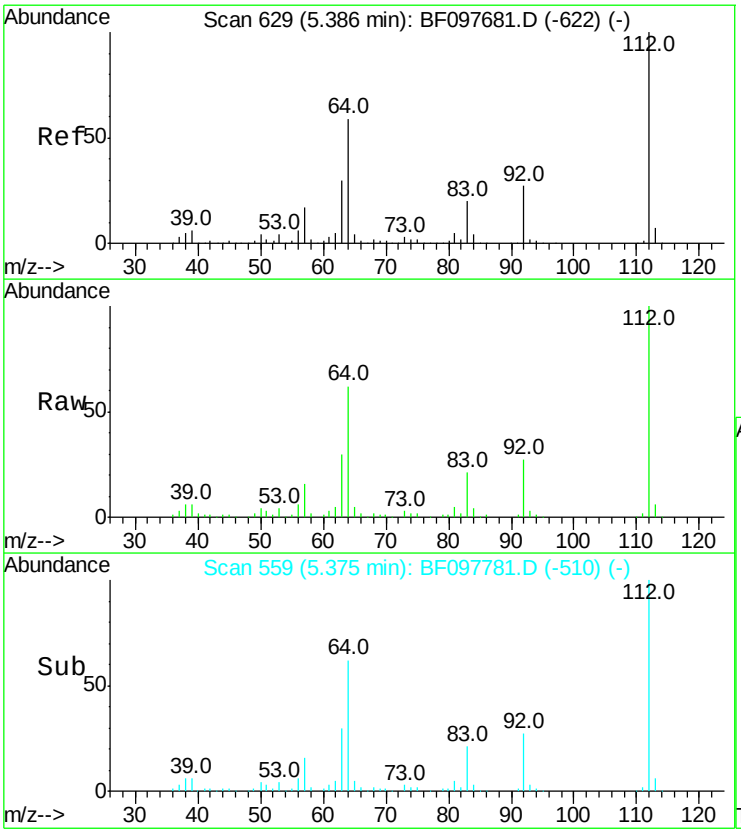
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163008

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	62.1	52.2	78.2

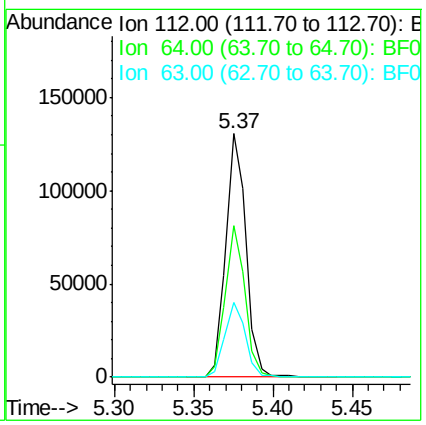


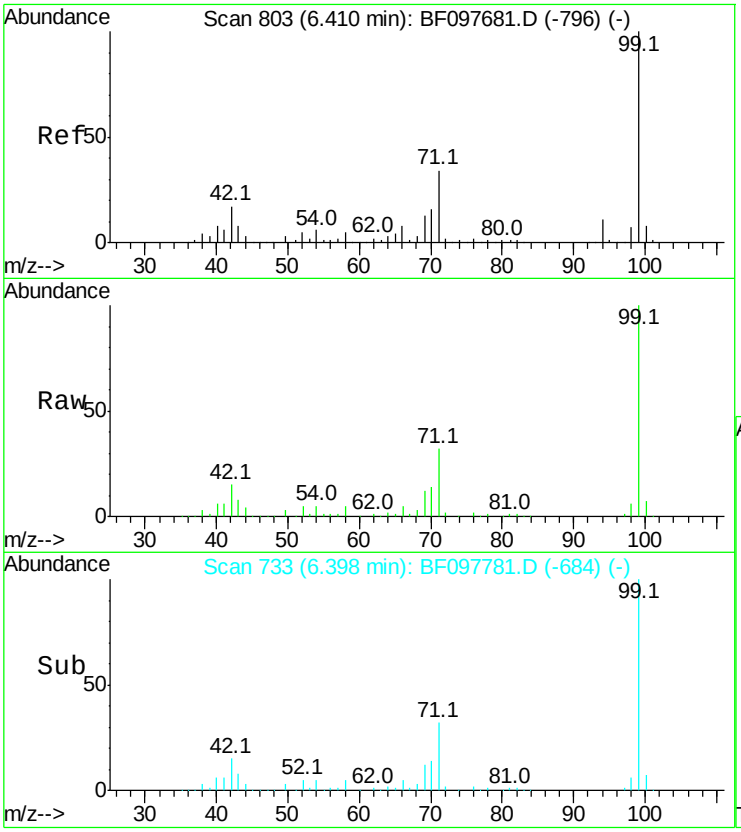


#5
2-Fluorophenol
Concen: 10.774 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:112 Resp: 115457

Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.0	69.0
63	30.5	23.4	35.0



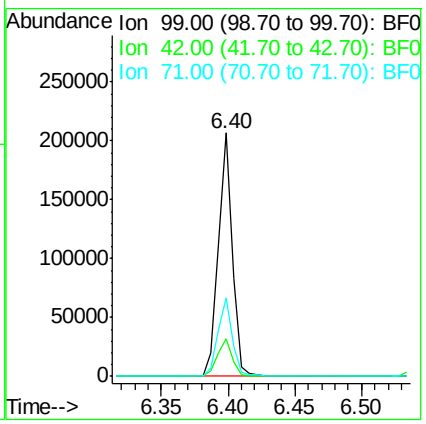


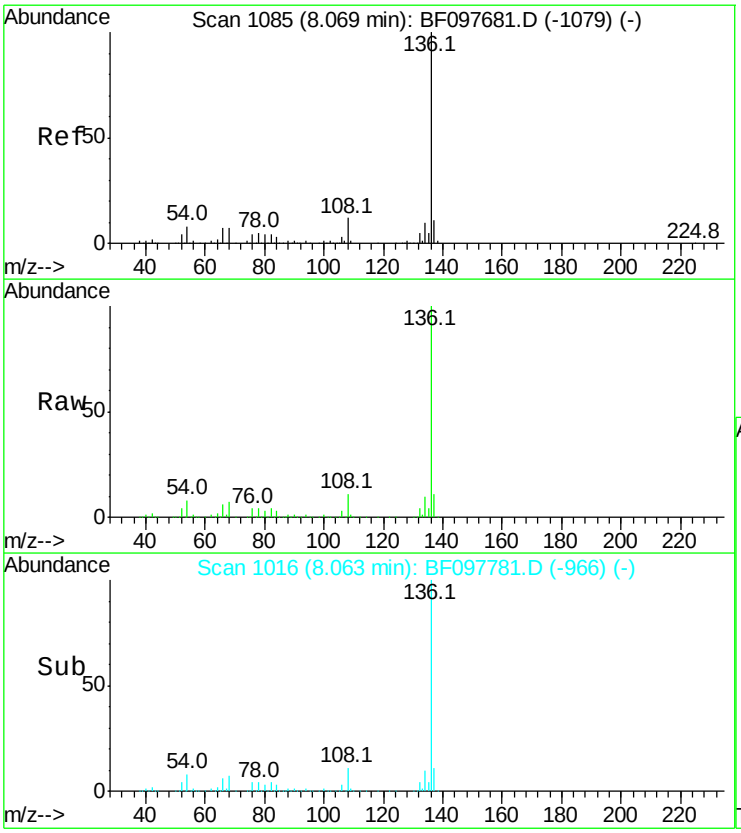
#7
Phenol-d6
Concen: 10.654 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 155131

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	32.1	24.5	36.7

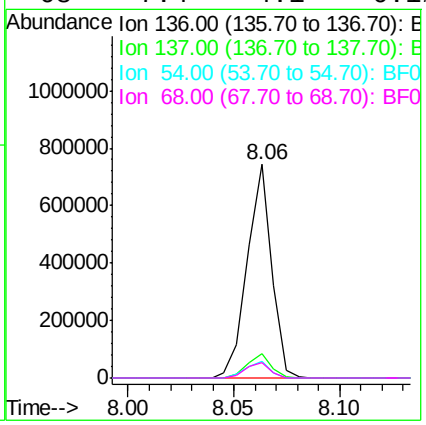


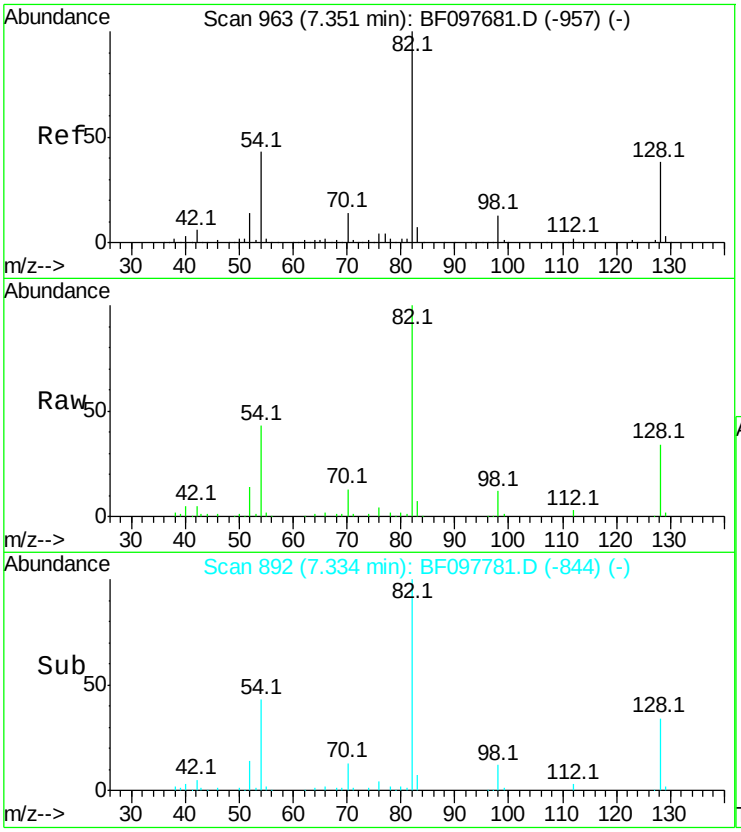


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:136 Resp: 598027

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.6	4.9	7.3#
68	7.4	4.1	6.1#



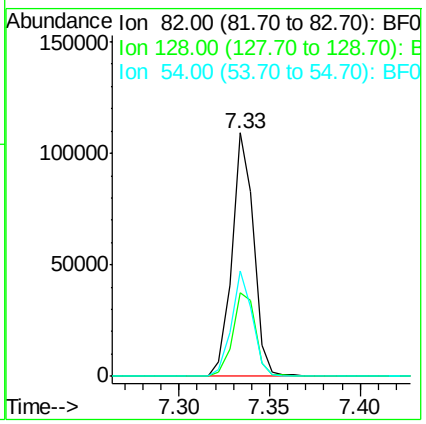


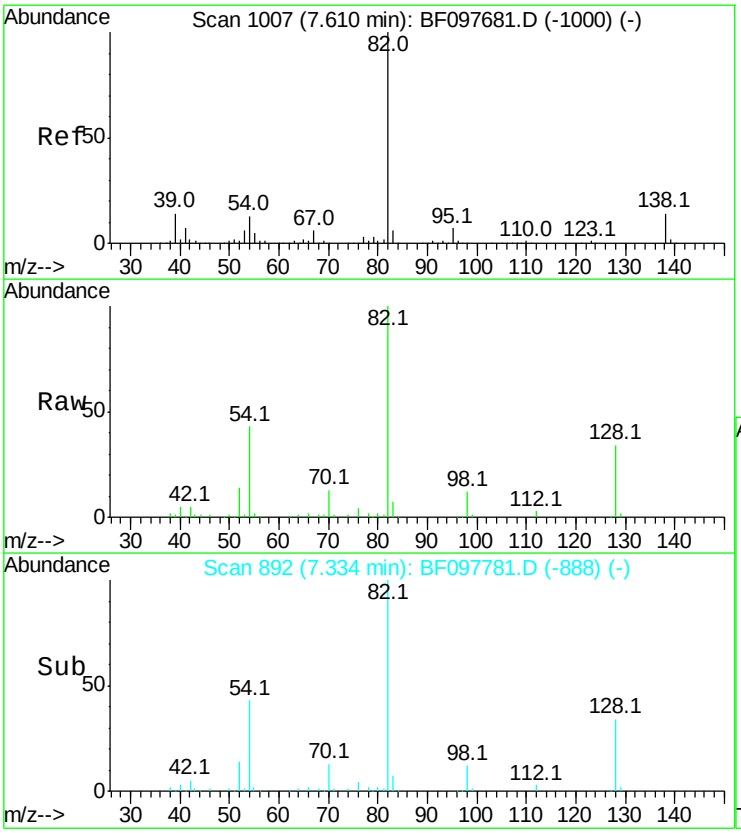
#23
Nitrobenzene-d5
Concen: 8.281 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 91164

Ion	Ratio	Lower	Upper
82	100		
128	34.3	34.0	51.0
54	43.4	42.2	63.2

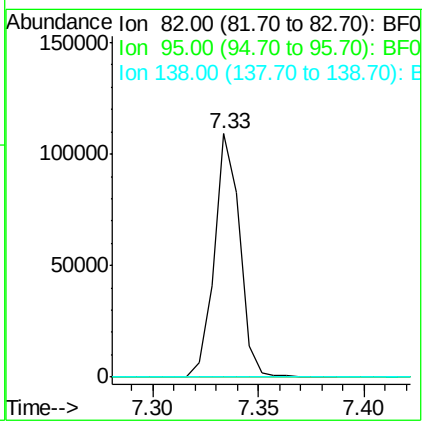


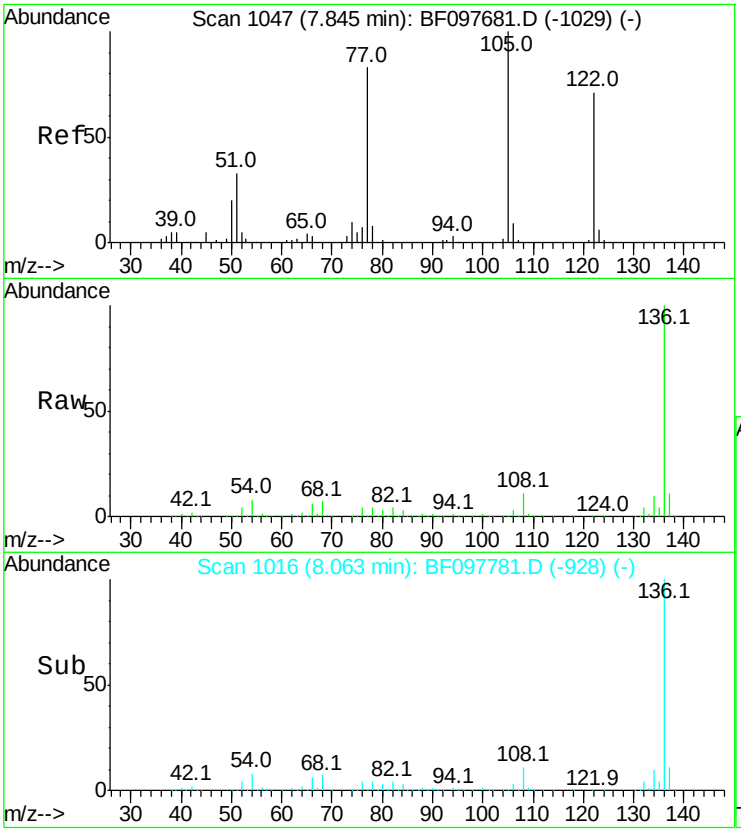


#25
Isophorone
Concen: 3.976 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion: 82 Resp: 91018

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



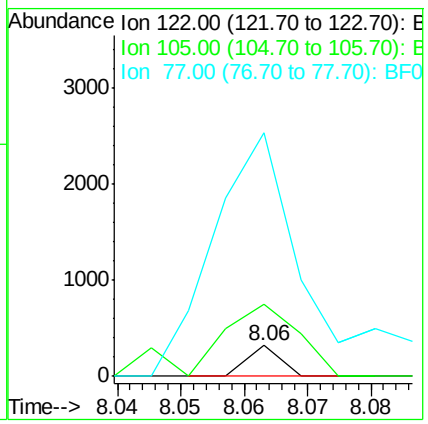


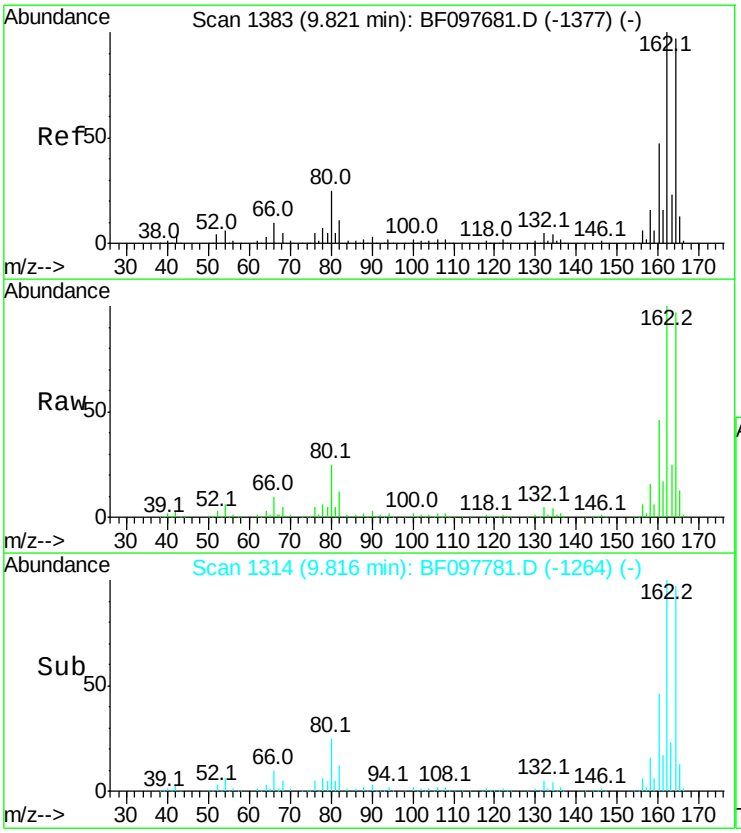
#32
Benzoic acid
Concen: 6.418 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.22 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	236.6	103.3	143.3#
77	793.1	73.7	113.7#

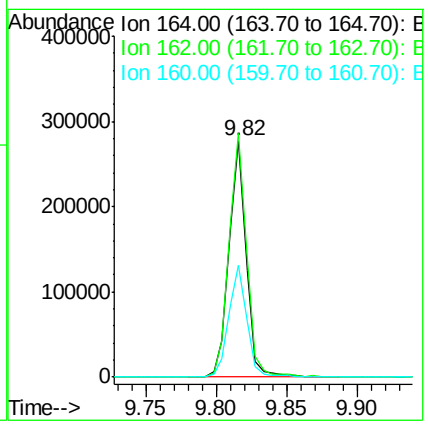


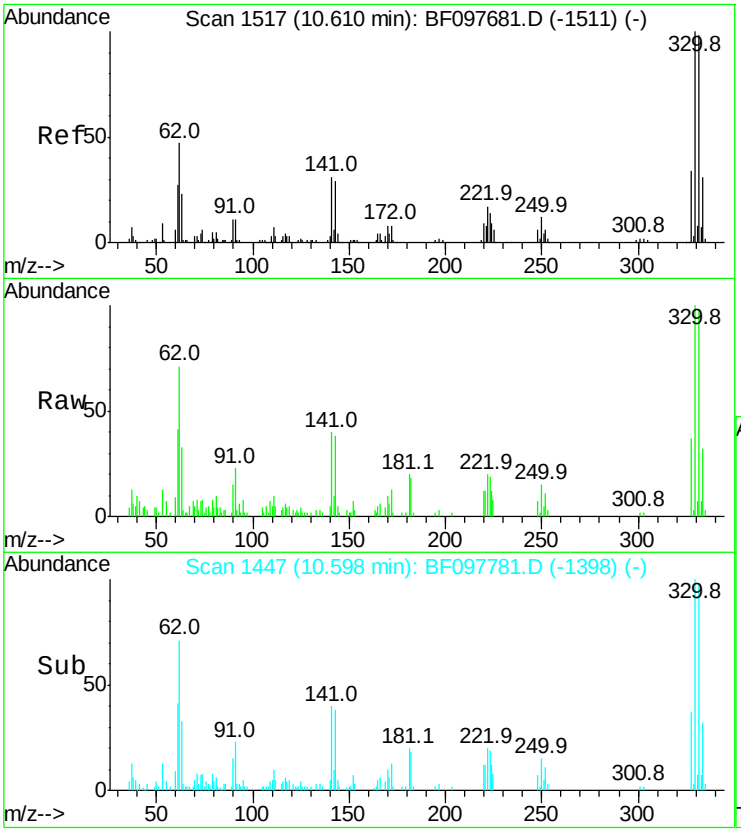


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:164 Resp: 236605

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	47.2	36.2	54.2



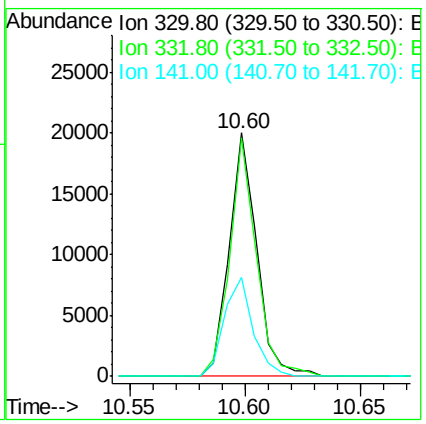


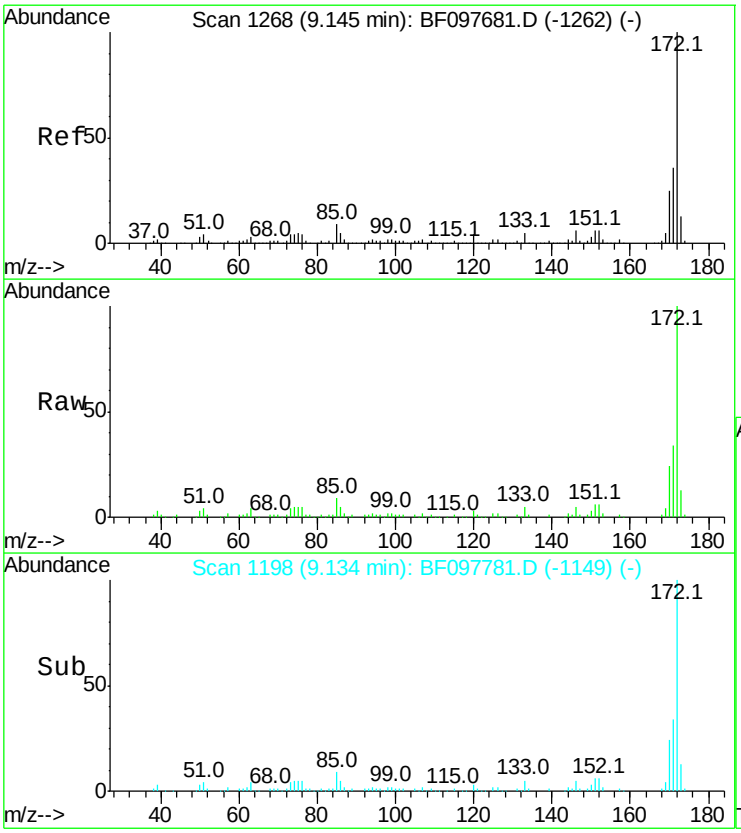
#41
2,4,6-Tribromophenol
Concen: 8.144 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 16720

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	41.7	31.4	47.2

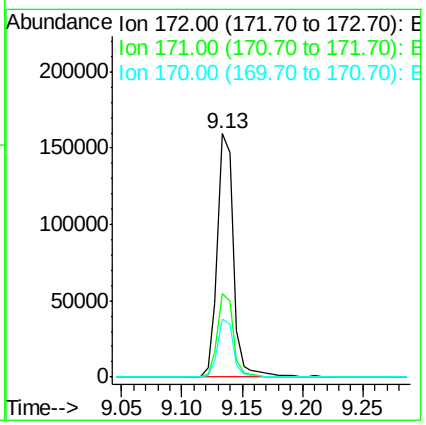


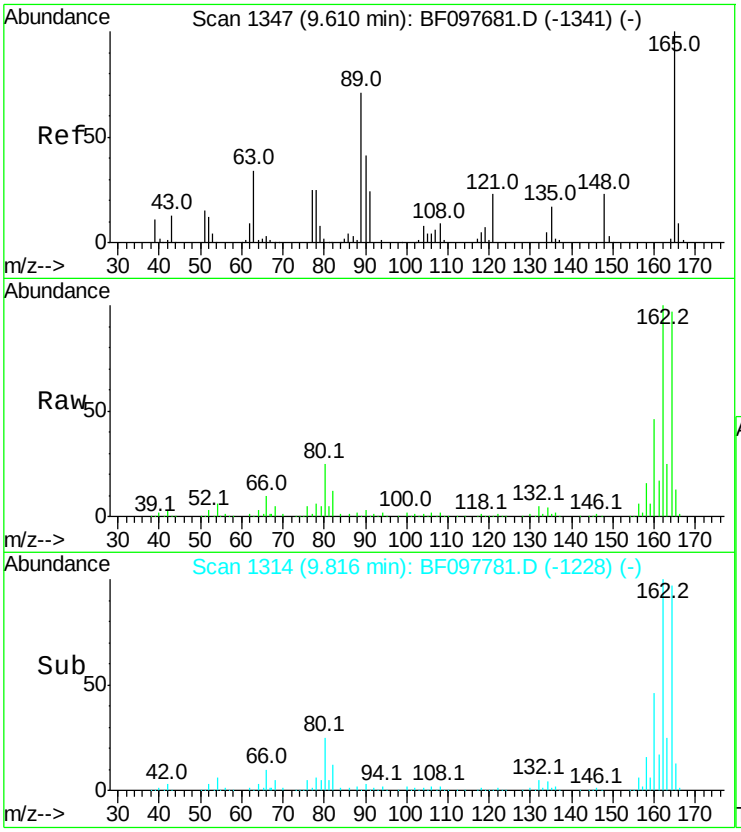


#44
2-Fluorobiphenyl
Concen: 9.122 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:172 Resp: 146909

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	23.8	19.8	29.8



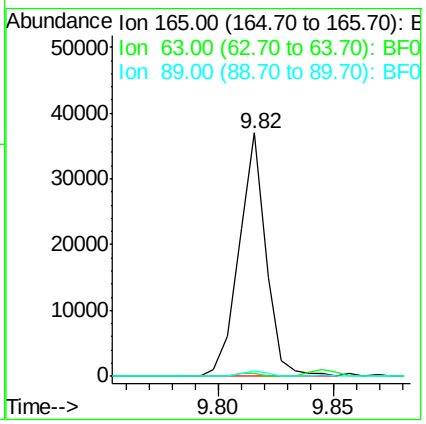


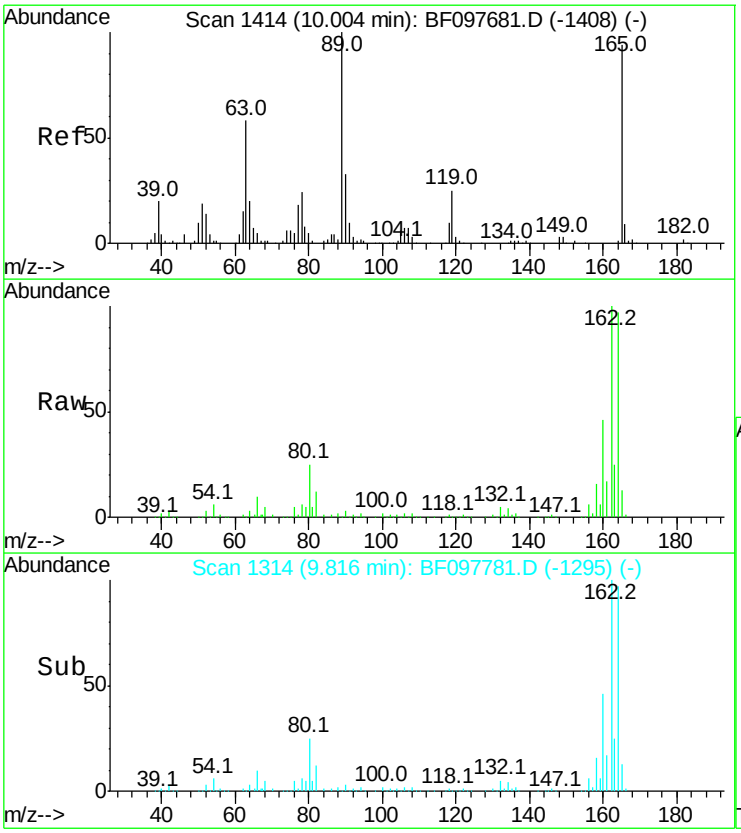
#50
2,6-Dinitrotoluene
Concen: 8.767 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.21 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30266

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	2.0	37.1	55.7#

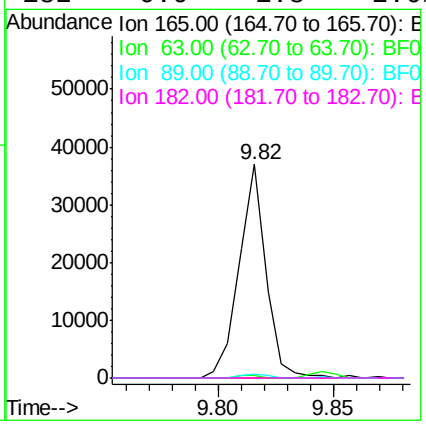


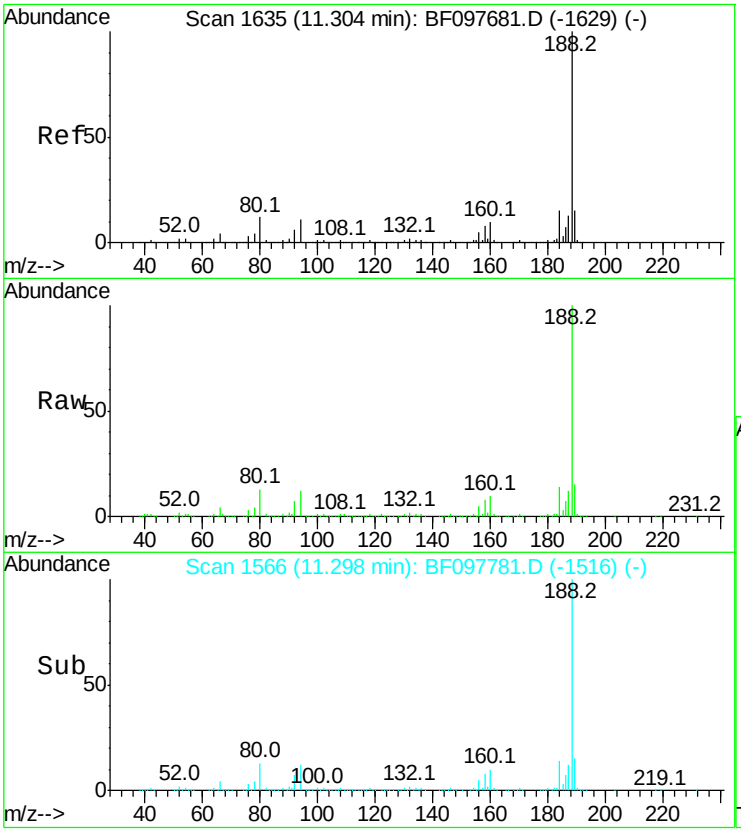


#56
2,4-Dinitrotoluene
Concen: 6.986 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:165 Resp: 30266

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



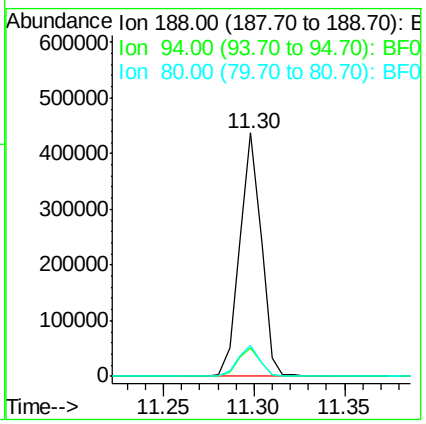


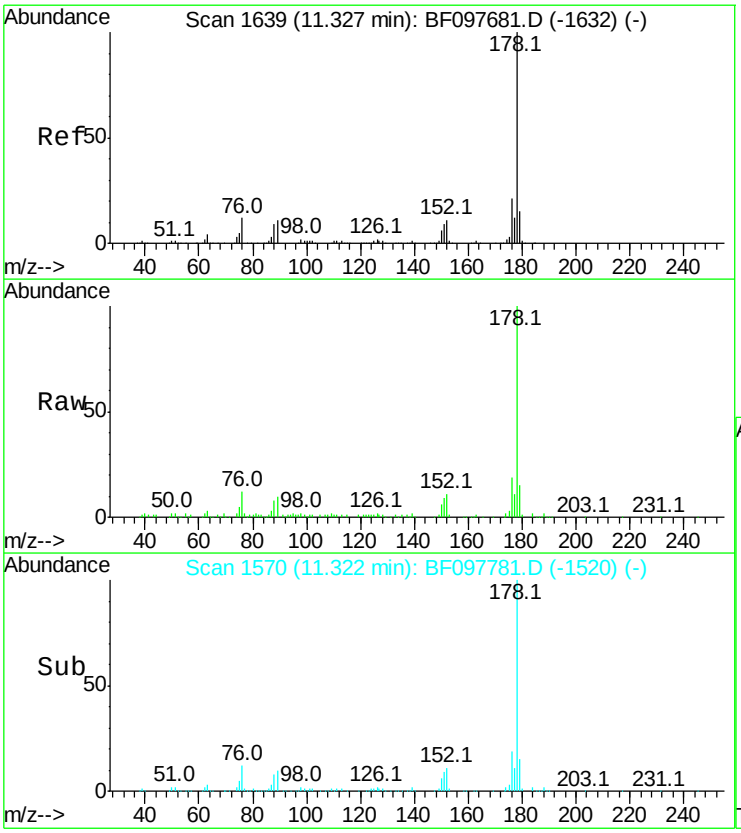
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 360782

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.8	10.2	15.2

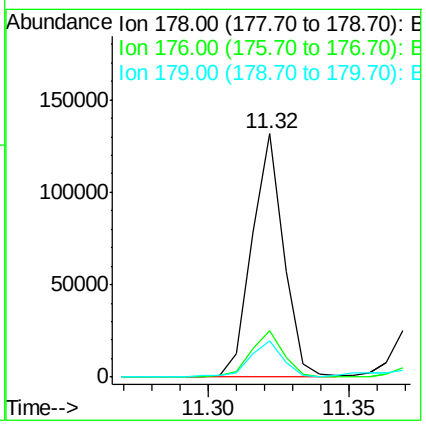


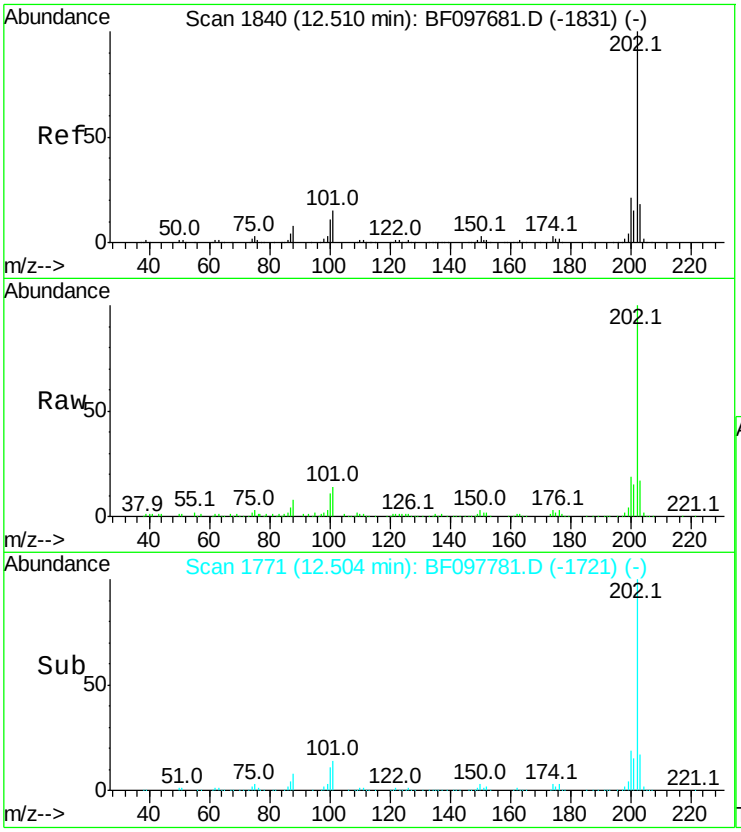


#70
Phenanthrene
Concen: 5.336 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:178 Resp: 102581

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.6	12.6	19.0



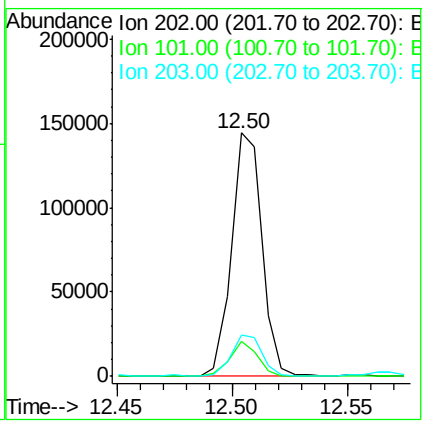


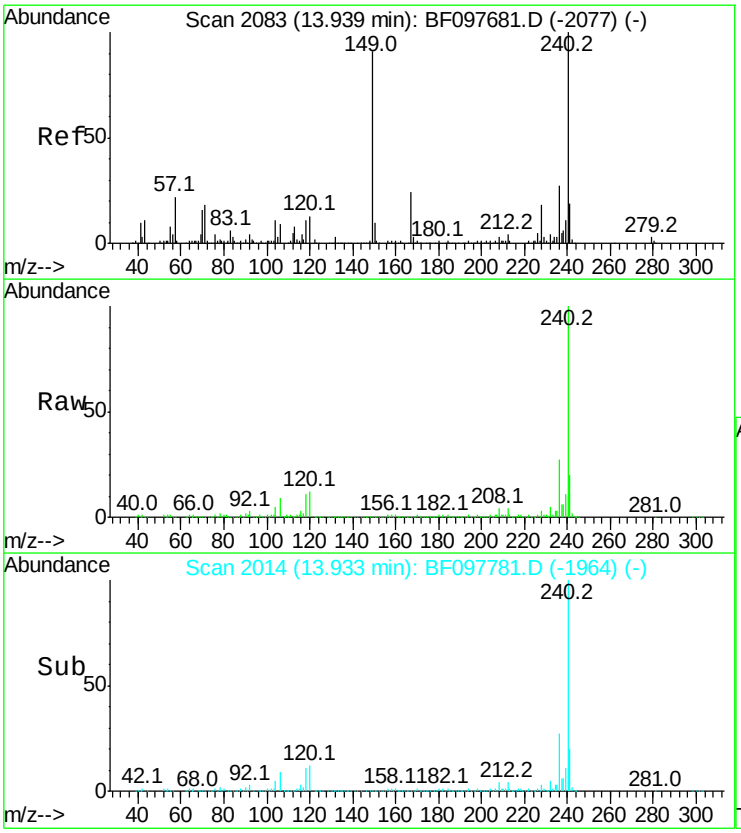
#74
Fluoranthene
Concen: 6.603 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 132489

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.2	0.0	38.1

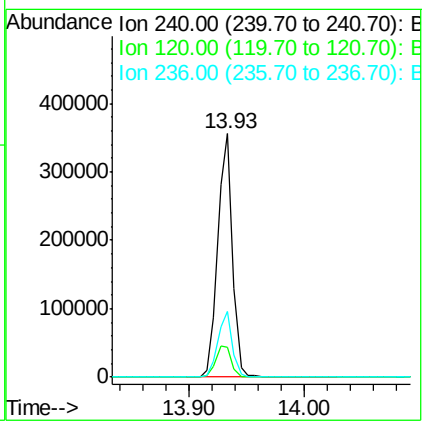


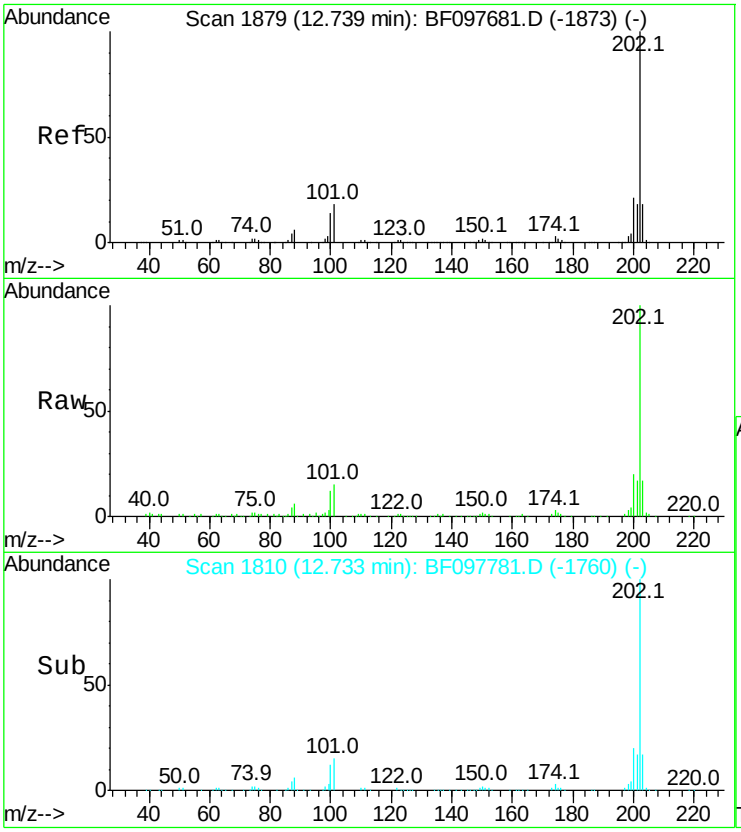


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:240 Resp: 313429

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	27.0	20.5	30.7



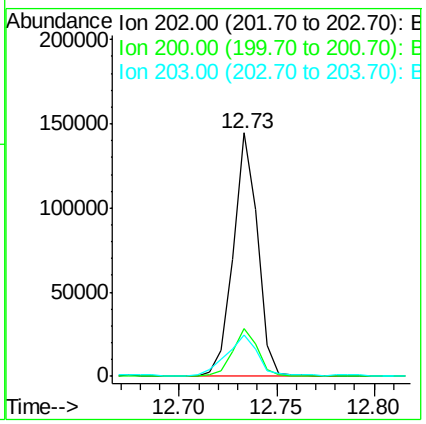


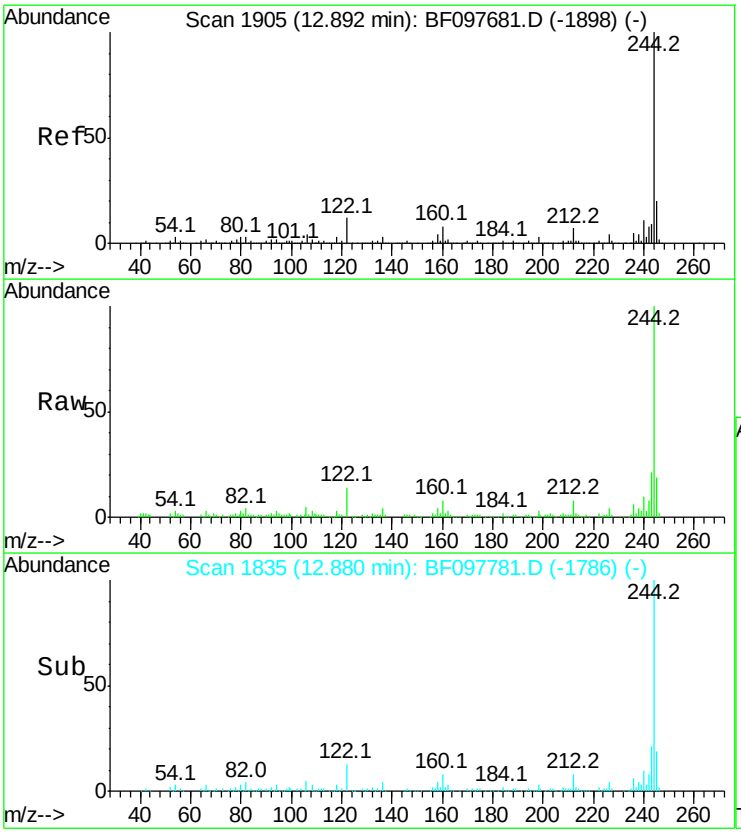
#77
Pyrene
Concen: 4.896 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 125503

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.6	26.4
203	17.1	14.4	21.6

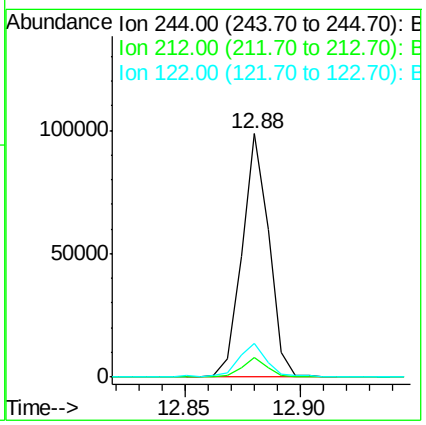


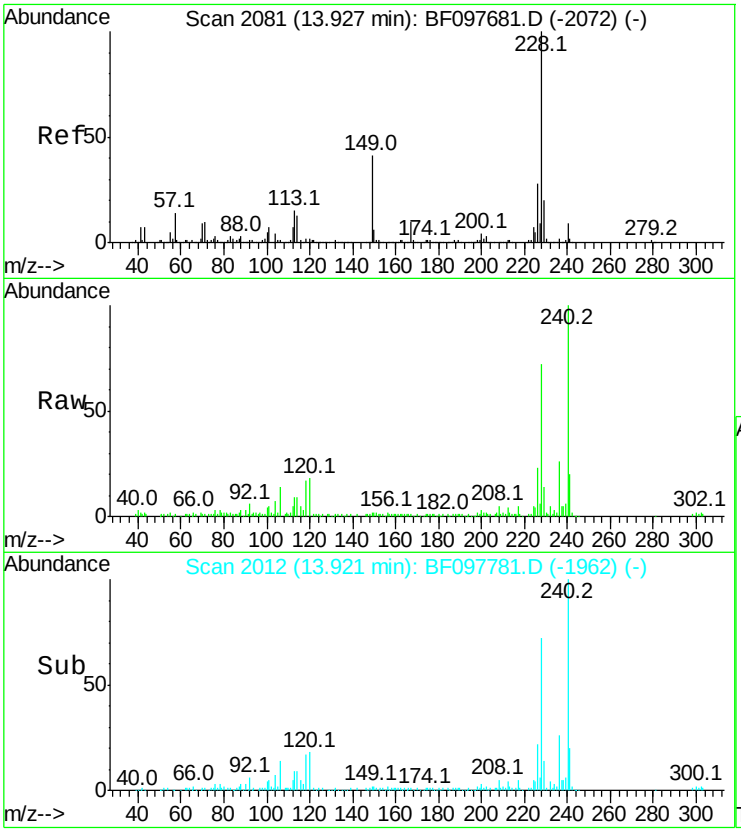


#78
Terphenyl-d14
Concen: 5.325 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:244 Resp: 80040

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.7	10.3	15.5



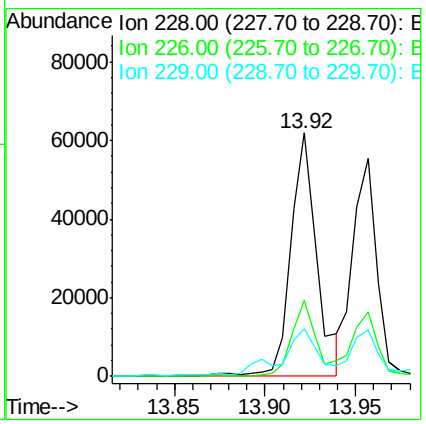


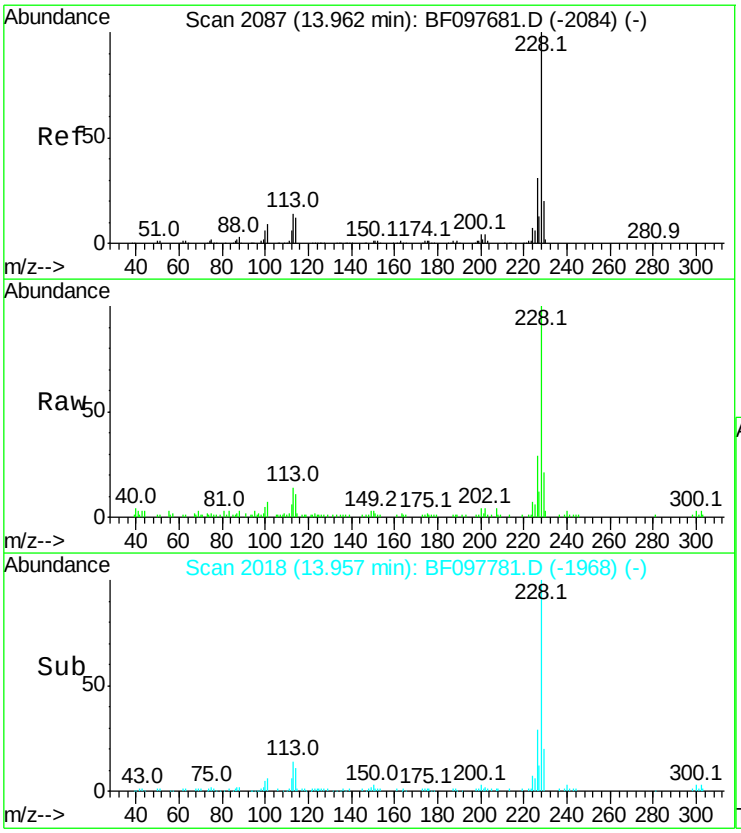
#80
Benzo(a)anthracene
Concen: 3.332 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 62594

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	19.8	16.3	24.5

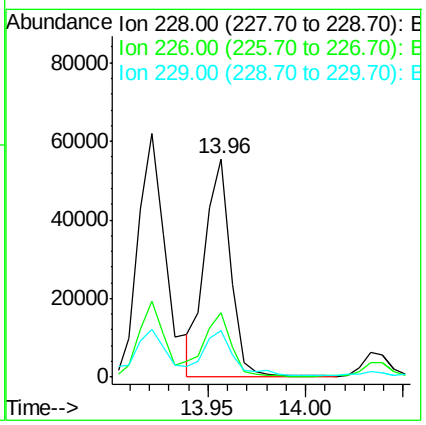


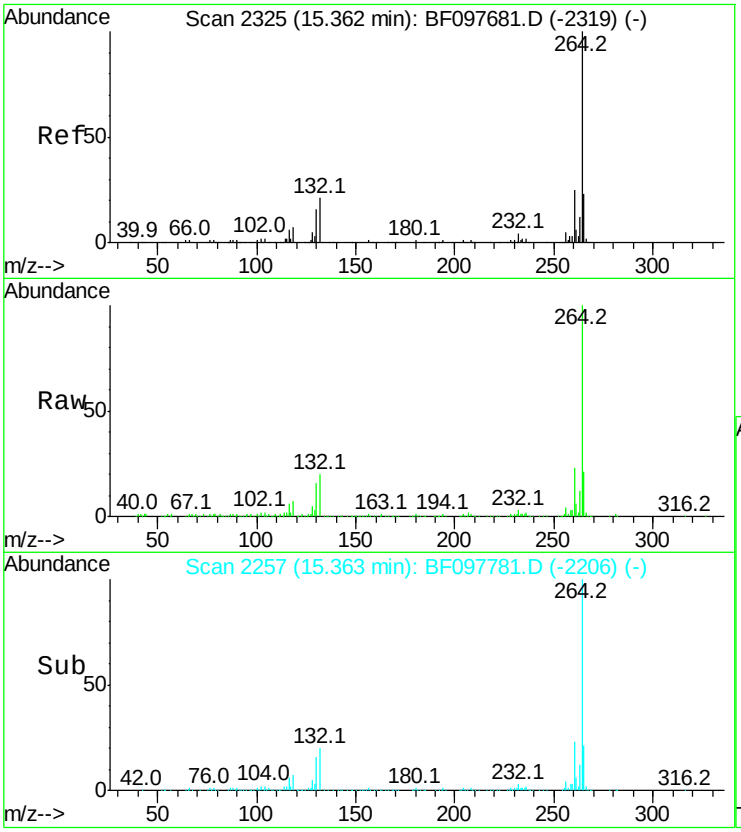


#82
Chrysene
Concen: 2.769 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:228 Resp: 51737

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.1	15.8	23.6



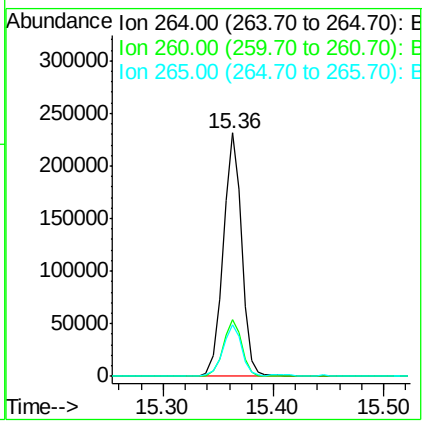


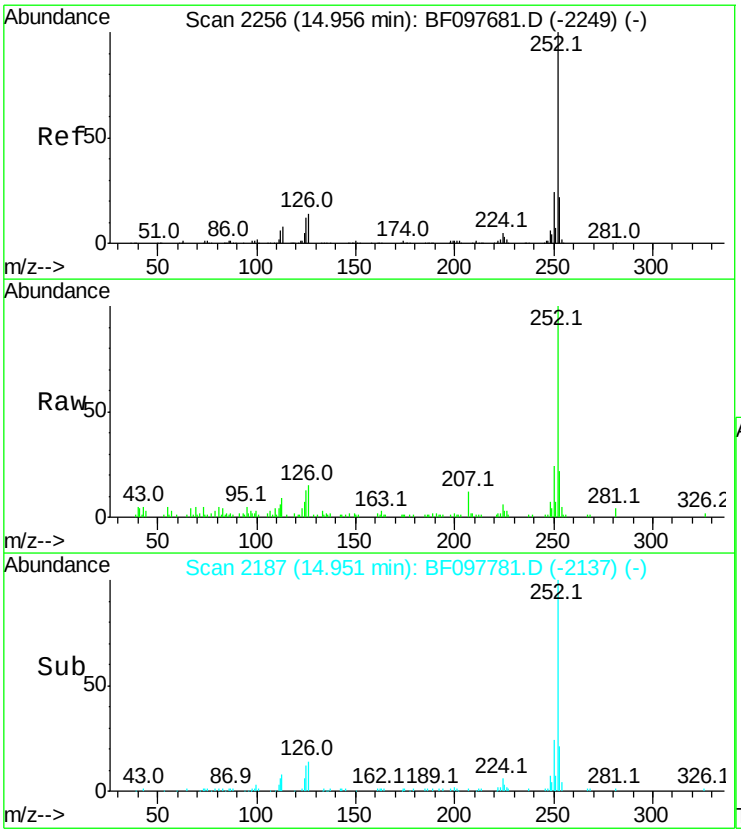
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 270643

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.4	17.2	25.8

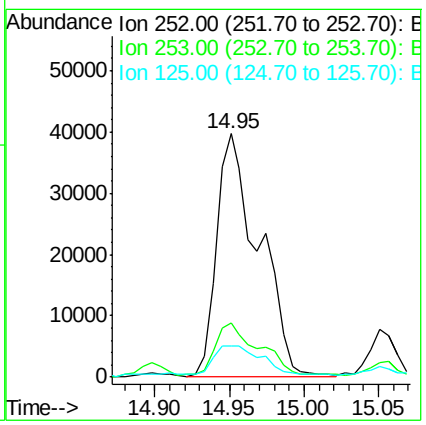


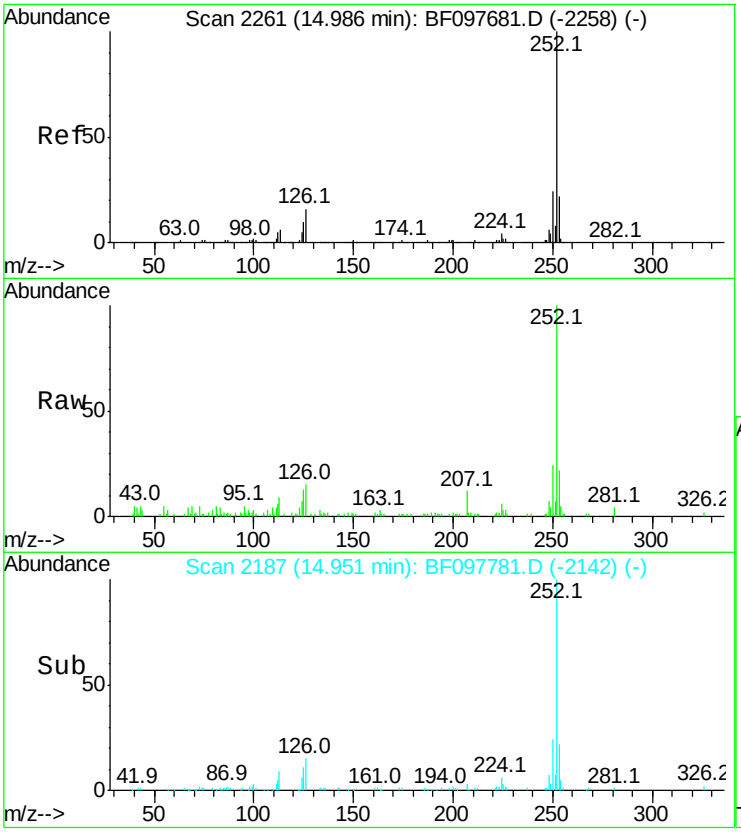


#87
Benzo(b)fluoranthene
Concen: 4.599 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:252 Resp: 78463

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.6	9.8	14.8



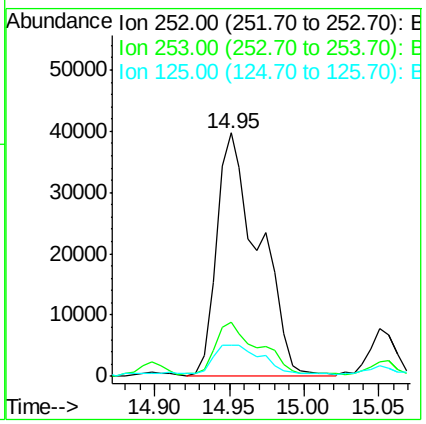


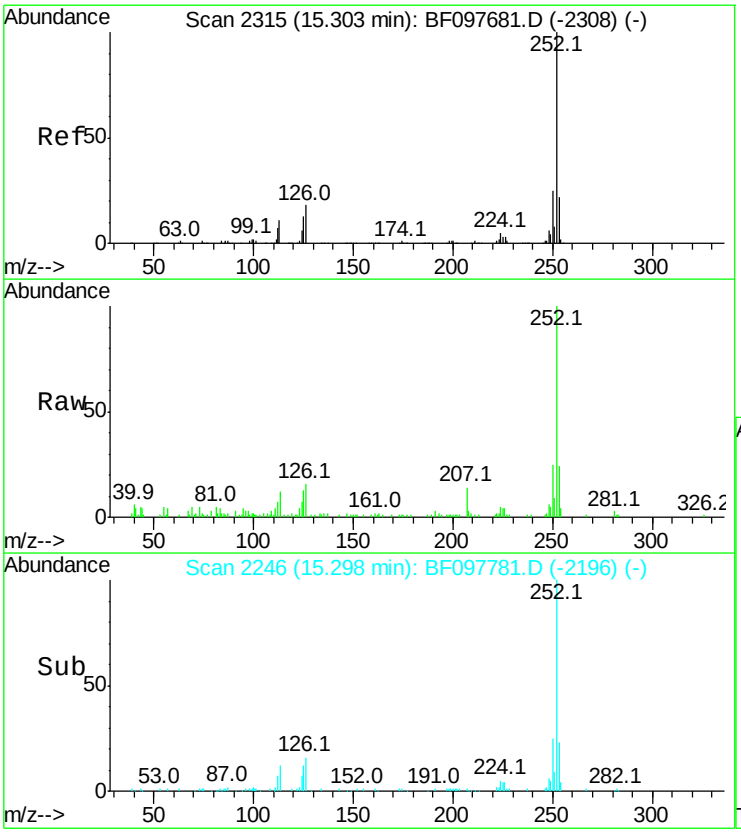
#88
Benzo(k)fluoranthene
Concen: 4.896 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.04 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 78463

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	12.6	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.798 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion:252 Resp: 42253

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	12.9	11.0	16.4