Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097782.D
Acq On : 17 Aug 2017 11:56
Operator : SJ/JU
Sample : I4797-04 10X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-J9-SSW

Quant Time: Aug 17 15:19:35 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	162963	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	618678	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	252267	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	377842	20.00	ng		0.00
75) Chrysene-d12	13.93	240	329652	20.00	ng		0.00
86) Perylene-d12	15.36	264	270475	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	140810	13.14	ng		-0.01
7) Phenol-d6	6.40	99	190897	13.11	ng		-0.01
23) Nitrobenzene-d5	7.33	82	112284	9.86	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	21321	9.74	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	171317	9.98	ng		0.00
78) Terphenyl-d14	12.88	244	96441	6.10	ng		-0.01
Target Compounds							Qvalue
13) 1,4-Dichlorobenzene	6.80	146	60266	4.876	ng	#	94
30) 1,2,4-Trichlorobenzene	8.00	180	33275	3.661	ng		99
51) Acenaphthene	9.85	154	133623	7.938	ng		99
57) Fluorene	10.36	166	43810	2.512	ng	#	95
70) Phenanthrene	11.32	178	84215	4.183	ng	#	95
74) Fluoranthene	12.51	202	58306	2.774	ng		98
77) Pyrene	12.73	202	81963	3.040	ng		97

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

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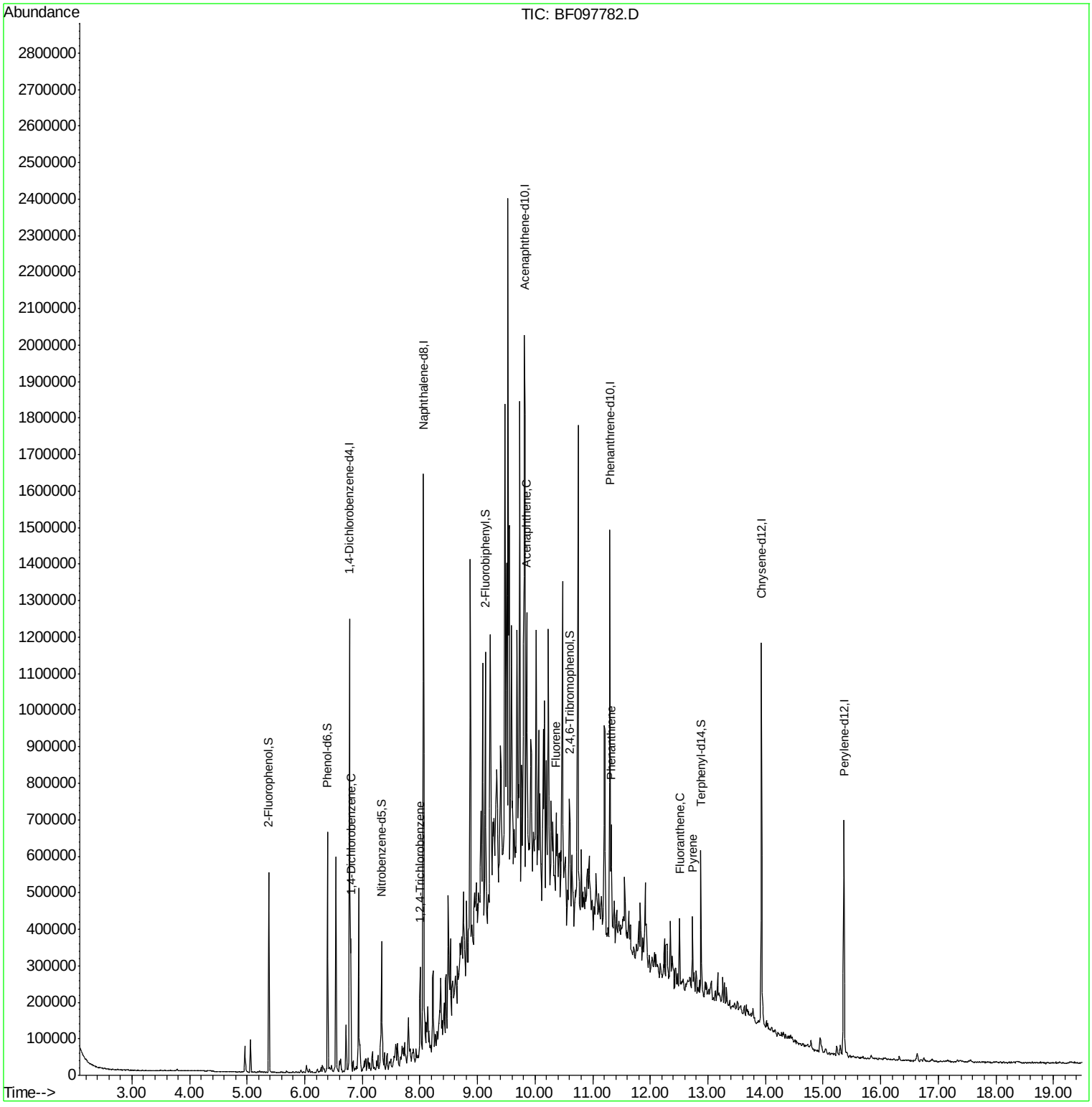
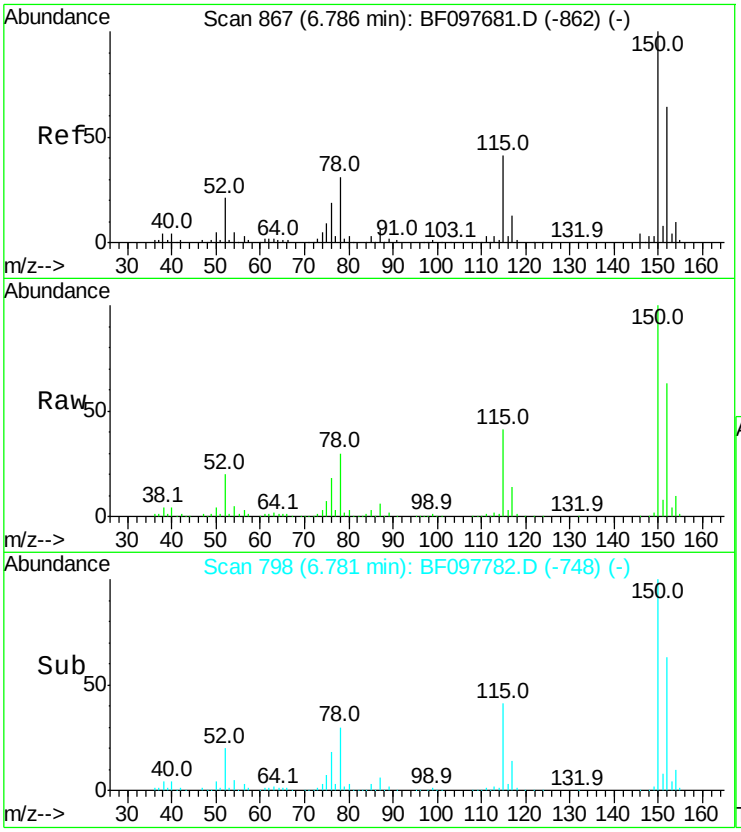


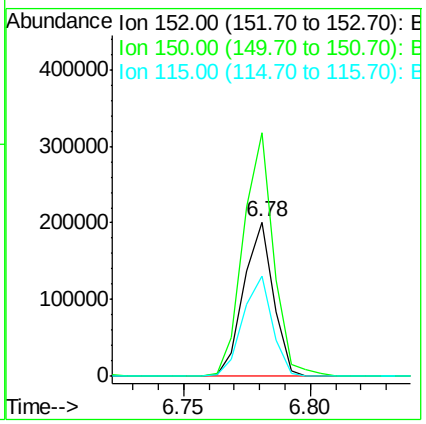


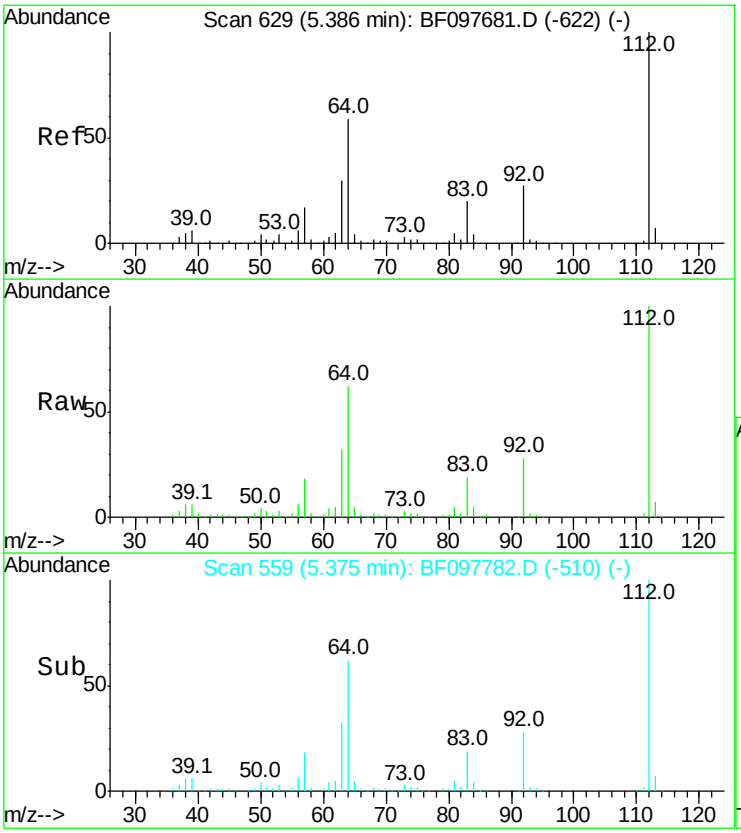
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:152 Resp: 162963

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	64.6	52.2	78.2

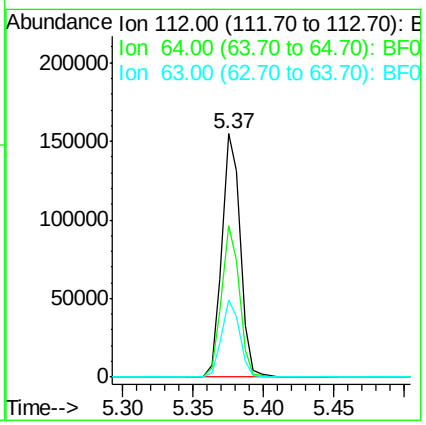


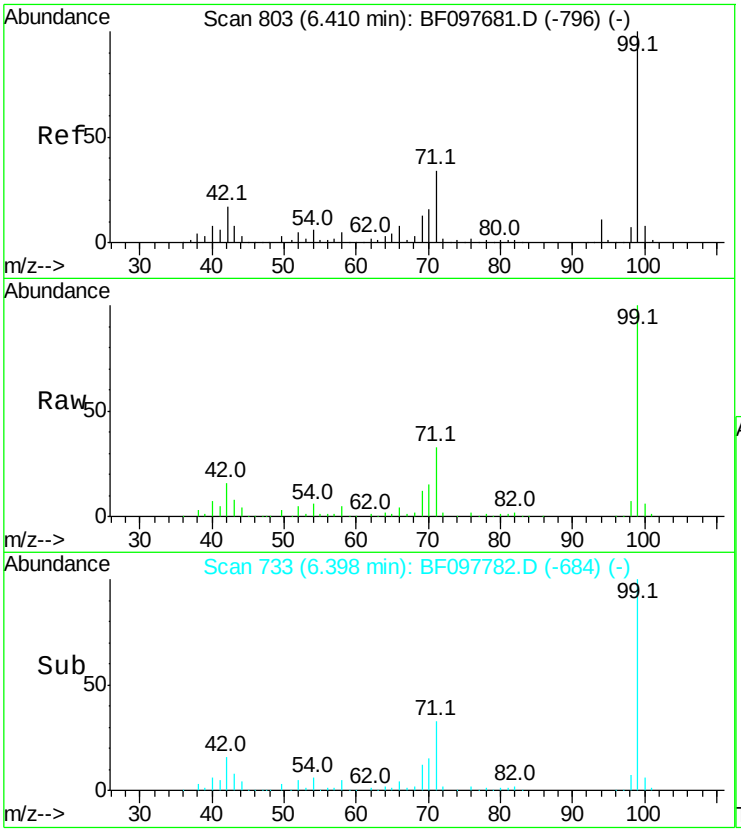


#5
2-Fluorophenol
Concen: 13.143 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:112 Resp: 140810

Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.0	69.0
63	31.9	23.4	35.0



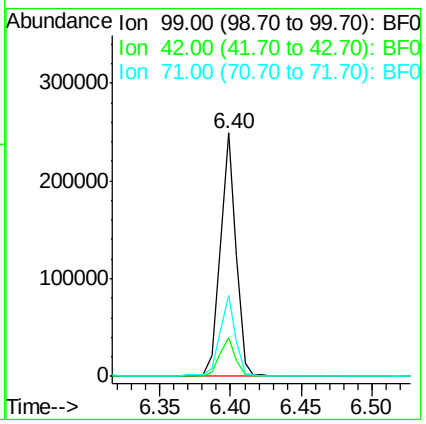


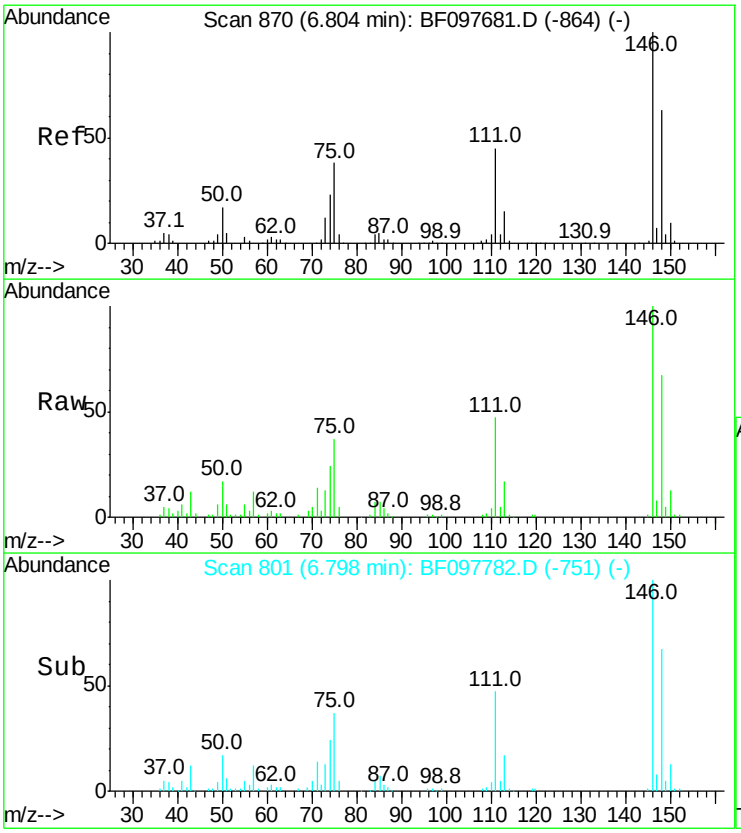
#7
Phenol-d6
Concen: 13.114 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion: 99 Resp: 190897

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.3	24.5	36.7

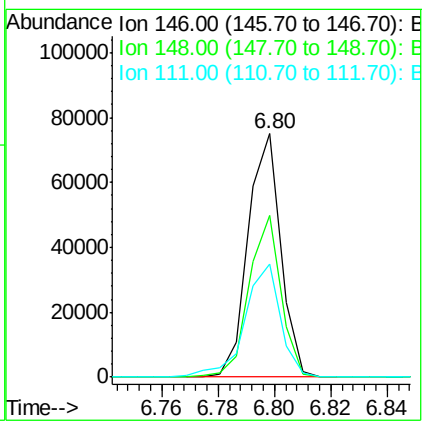


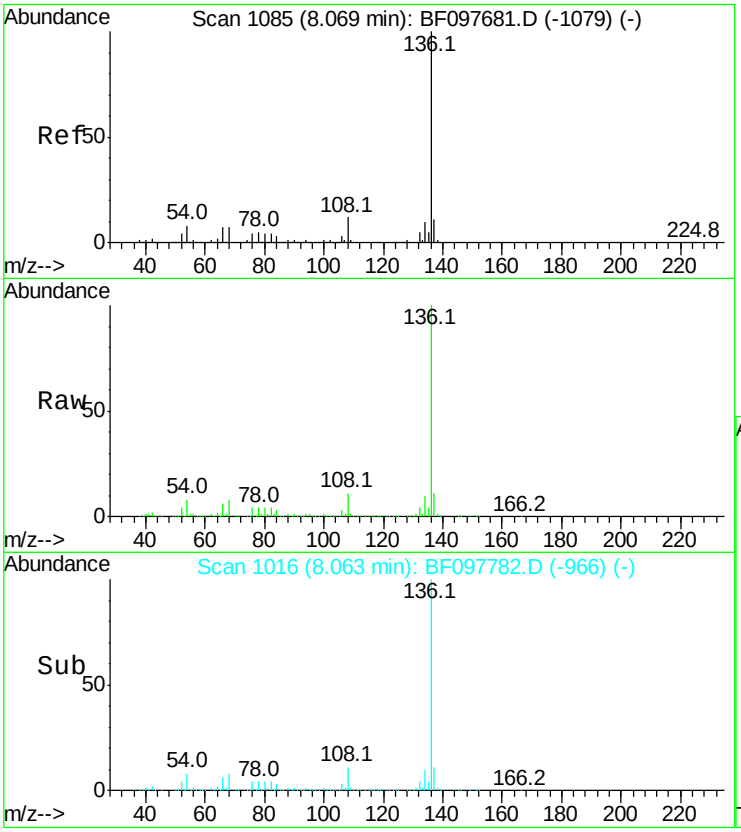


#13
1,4-Dichlorobenzene
Concen: 4.876 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:146 Resp: 60266

Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.2	78.2
111	46.5	30.3	45.5#



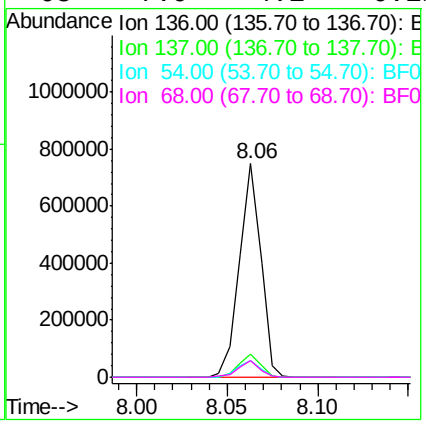


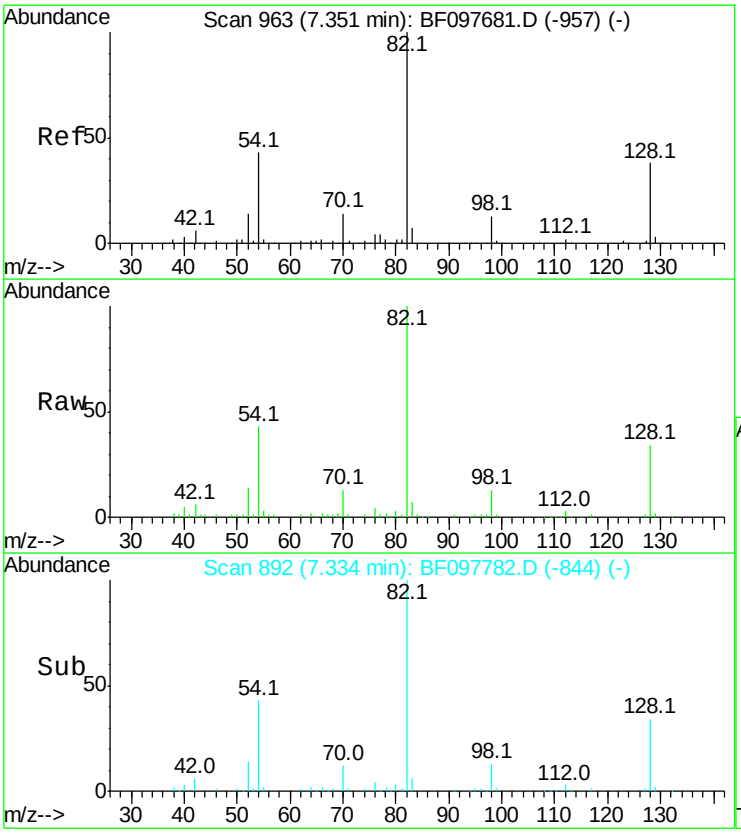
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:136 Resp: 618678

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.9	4.9	7.3#
68	7.9	4.1	6.1#

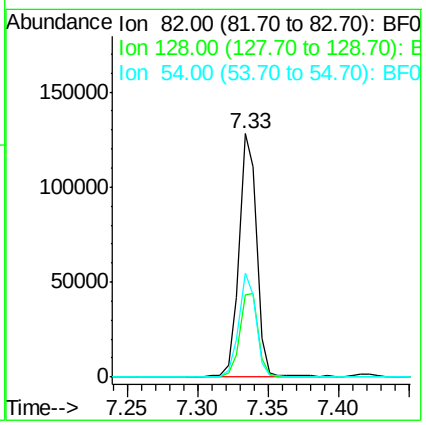


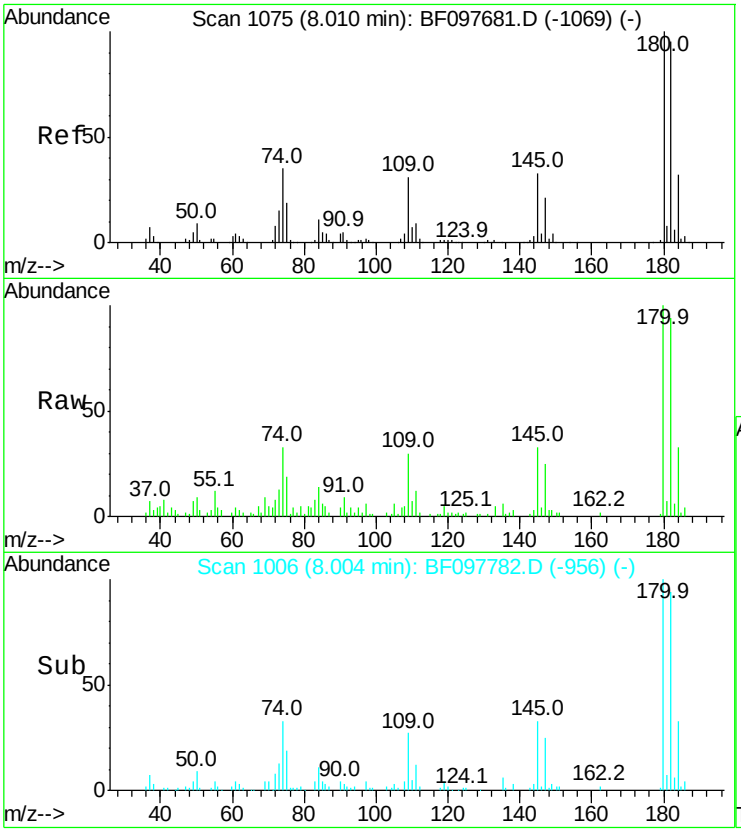


#23
Nitrobenzene-d5
Concen: 9.859 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion: 82 Resp: 112284

Ion	Ratio	Lower	Upper
82	100		
128	34.1	34.0	51.0
54	42.6	42.2	63.2



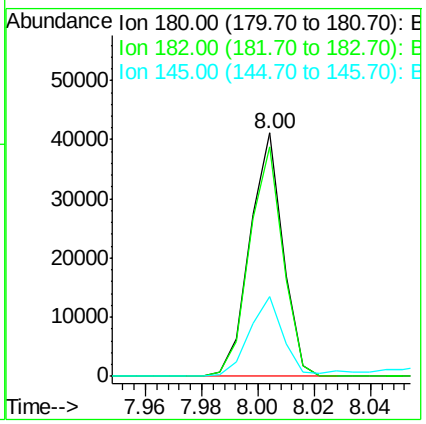


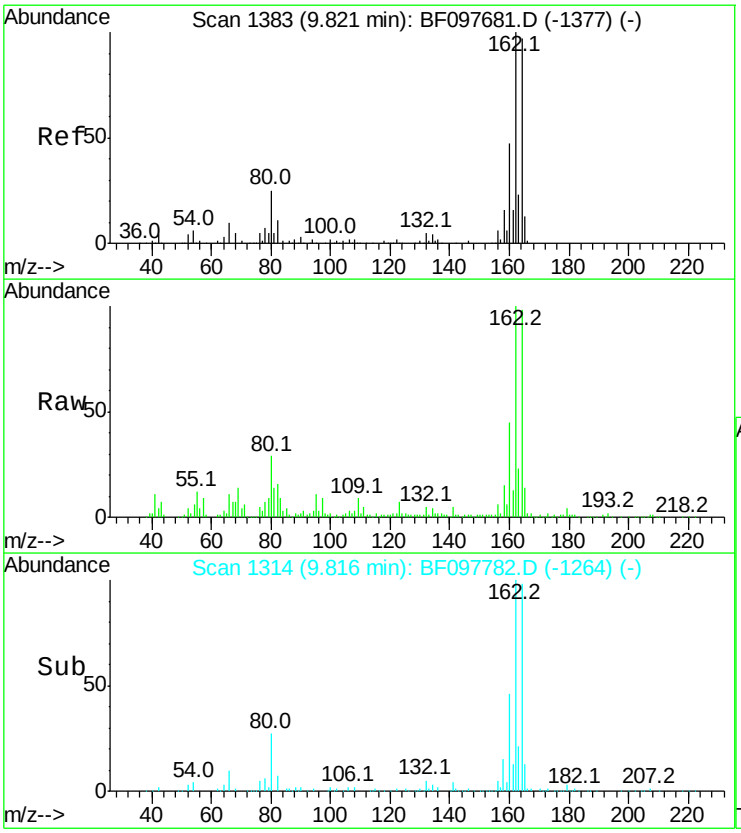
#30
1,2,4-Trichlorobenzene
Concen: 3.661 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:180 Resp: 33275

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	32.8	25.3	37.9

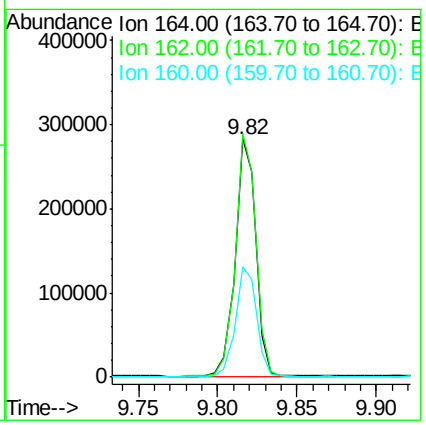


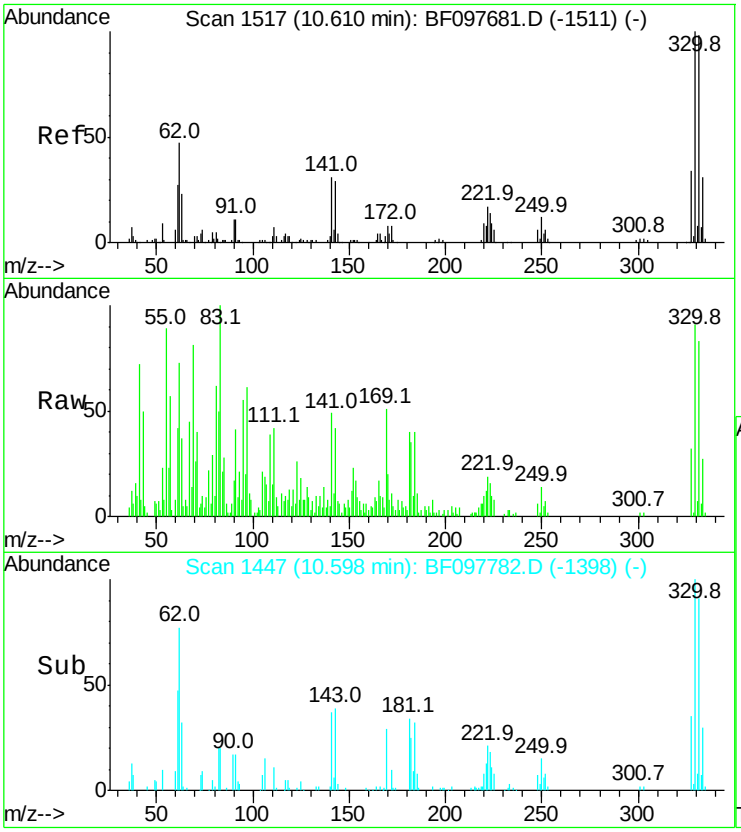


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:164 Resp: 252267

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	46.4	36.2	54.2



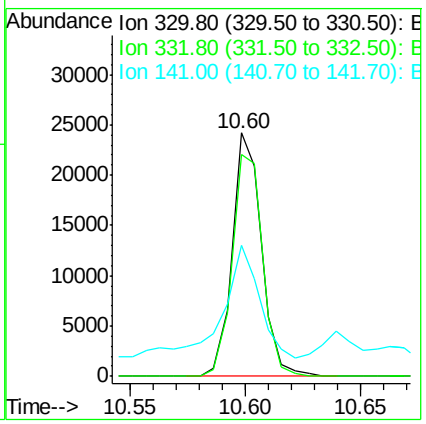


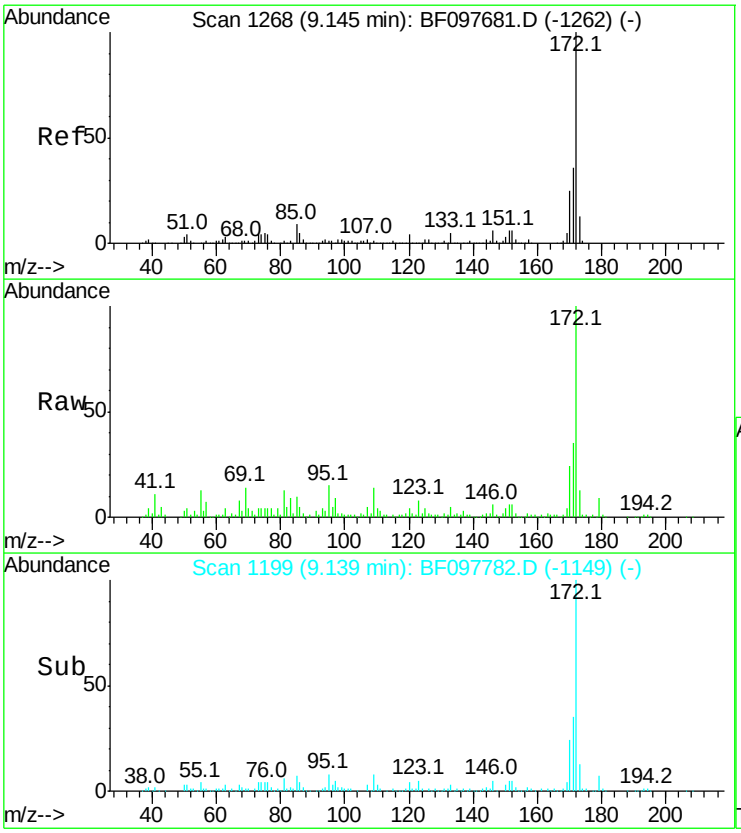
#41
2,4,6-Tribromophenol
Concen: 9.741 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:330 Resp: 21321

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	58.2	31.4	47.2#

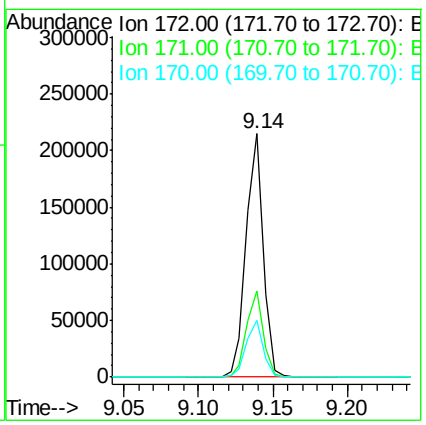


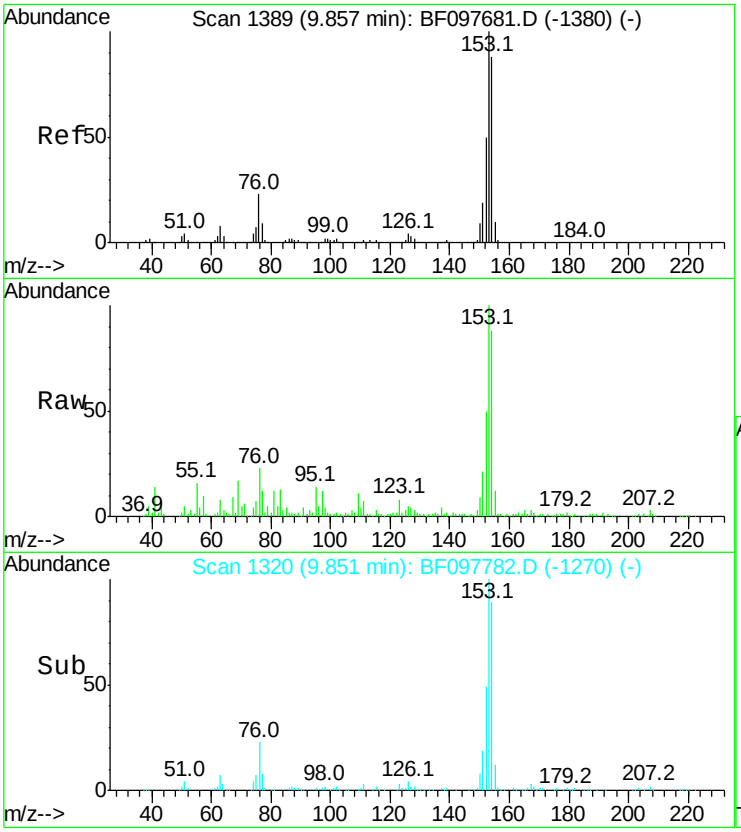


#44
2-Fluorobiphenyl
Concen: 9.978 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:172 Resp: 171317

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	19.8	29.8



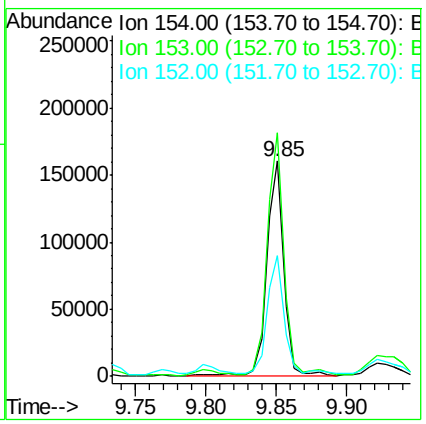


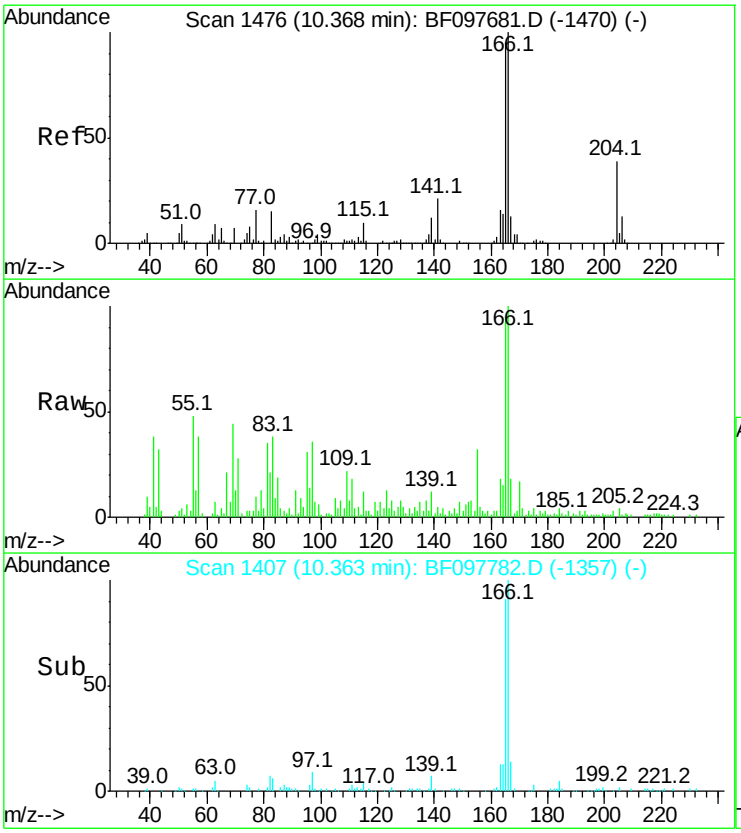
#51
Acenaphthene
Concen: 7.938 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:154 Resp: 133623

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	56.1	43.6	65.4

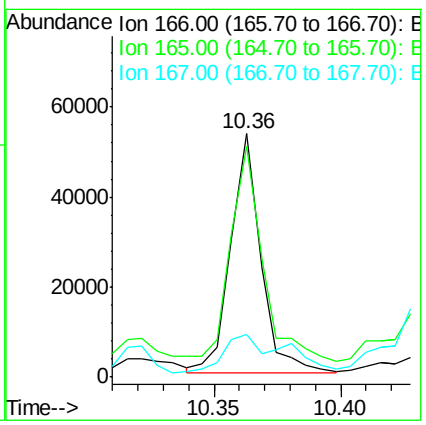


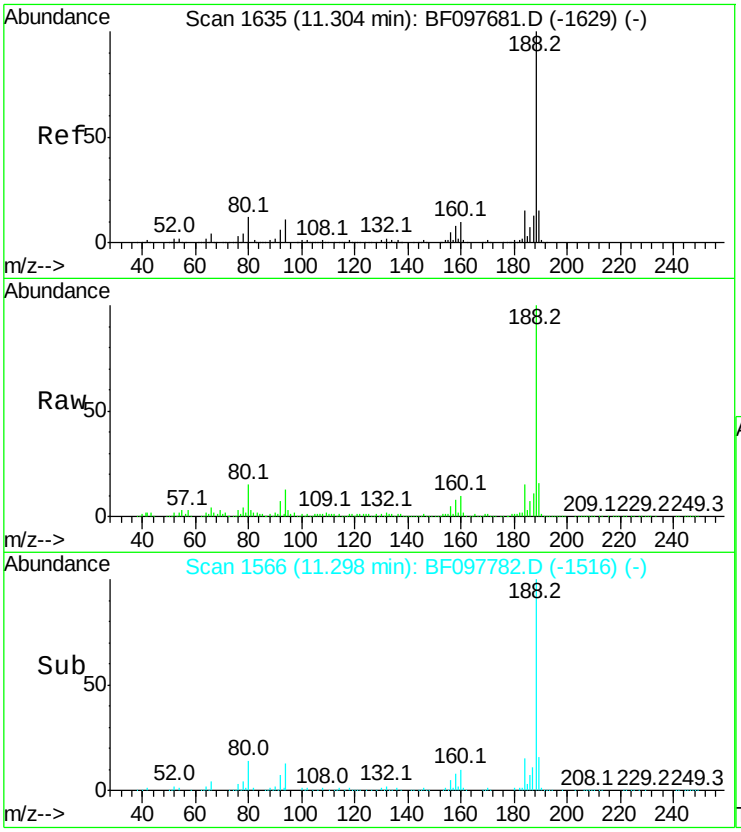


#57
Fluorene
Concen: 2.512 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:166 Resp: 43810

Ion	Ratio	Lower	Upper
166	100		
165	94.6	78.8	118.2
167	17.5	10.6	16.0#



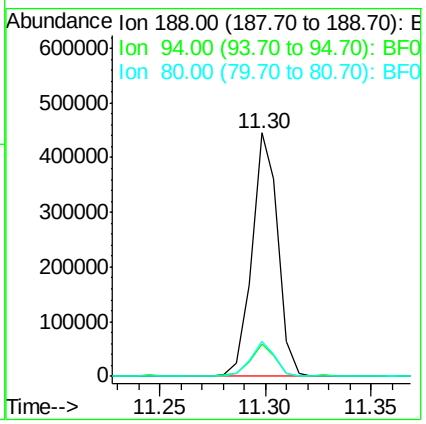


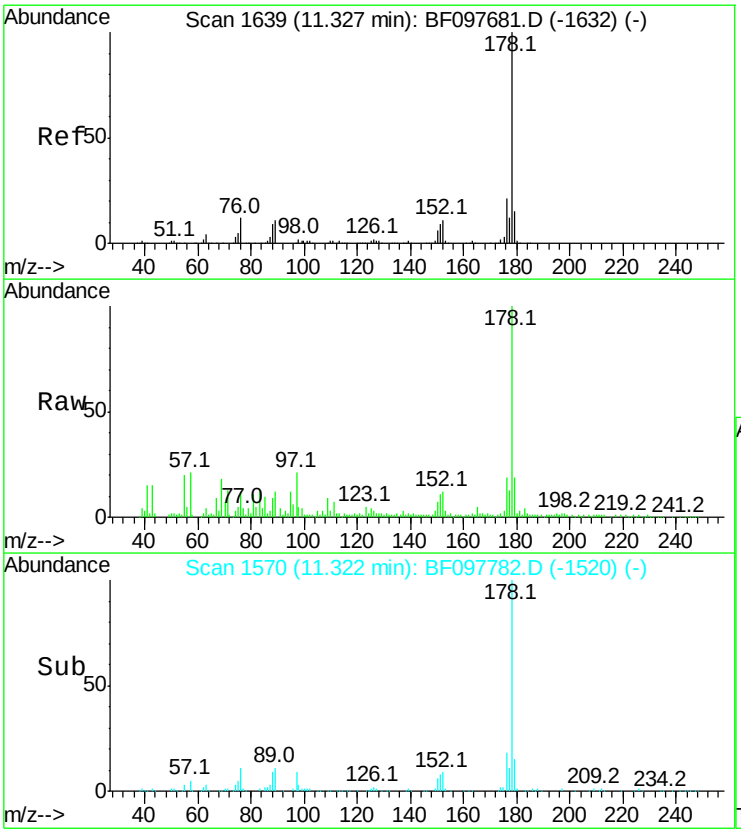
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:188 Resp: 377842

Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	14.6	10.2	15.2

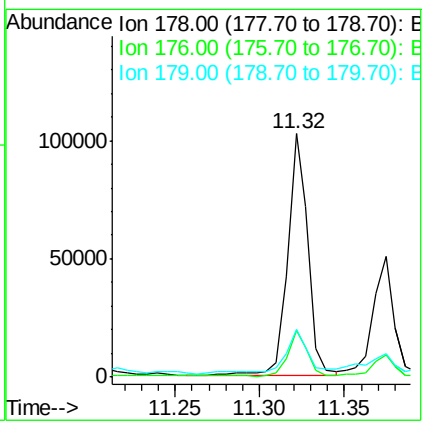


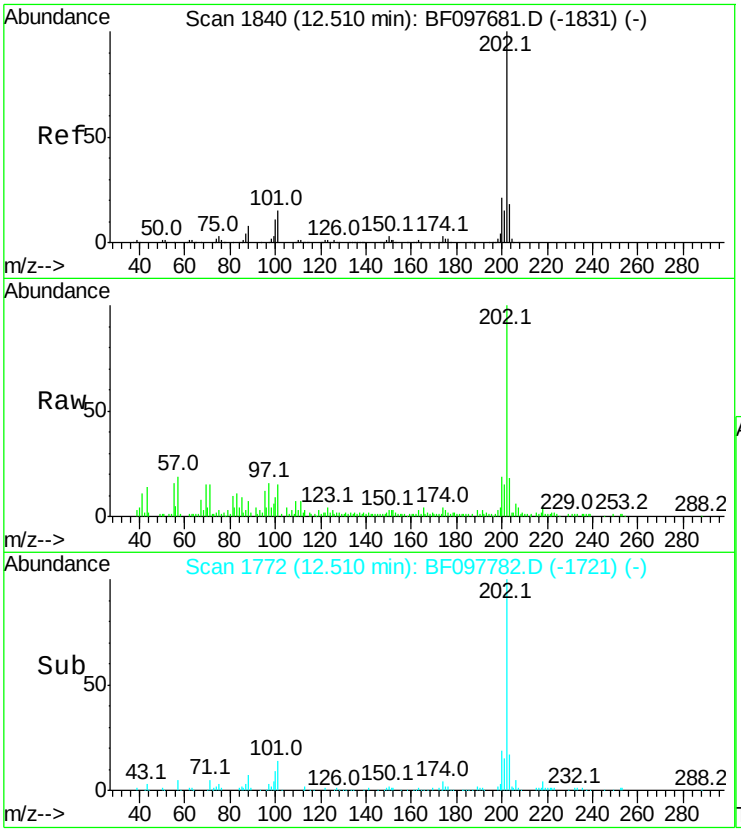


#70
Phenanthrene
Concen: 4.183 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:178 Resp: 84215

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	19.5	12.6	19.0#



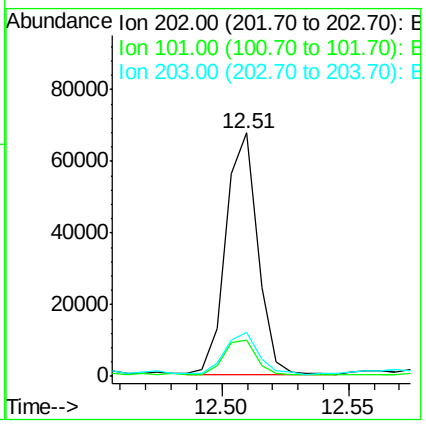


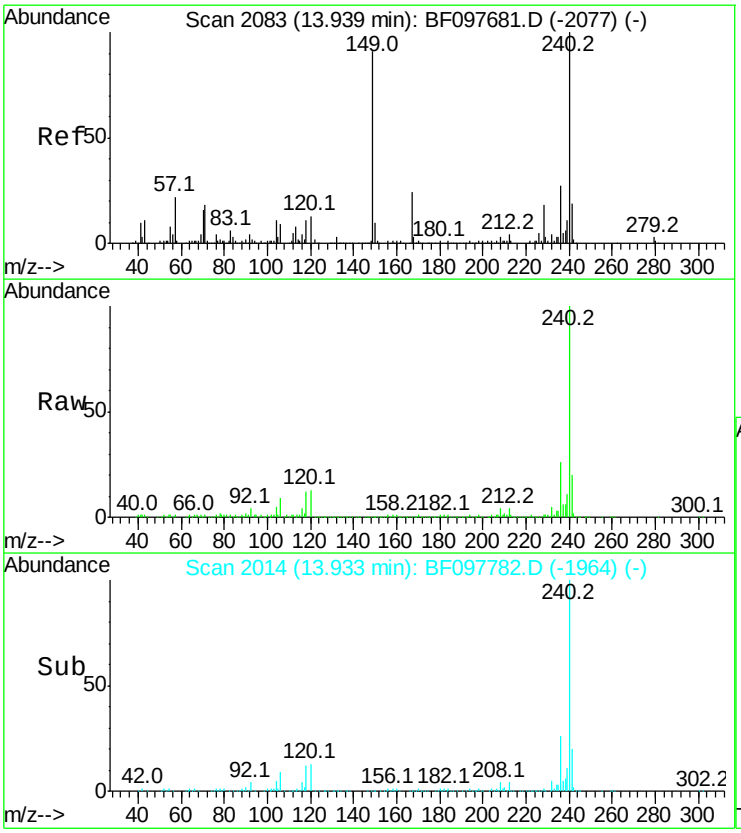
#74
Fluoranthene
Concen: 2.774 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:202 Resp: 58306

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.2
203	18.1	0.0	38.1

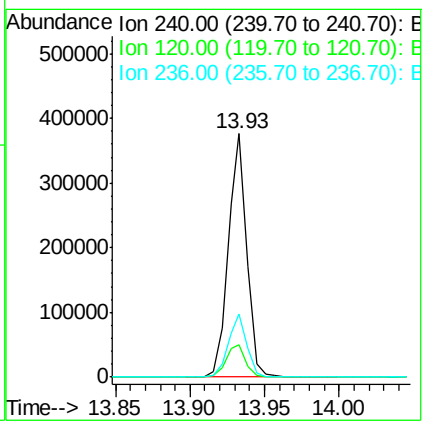


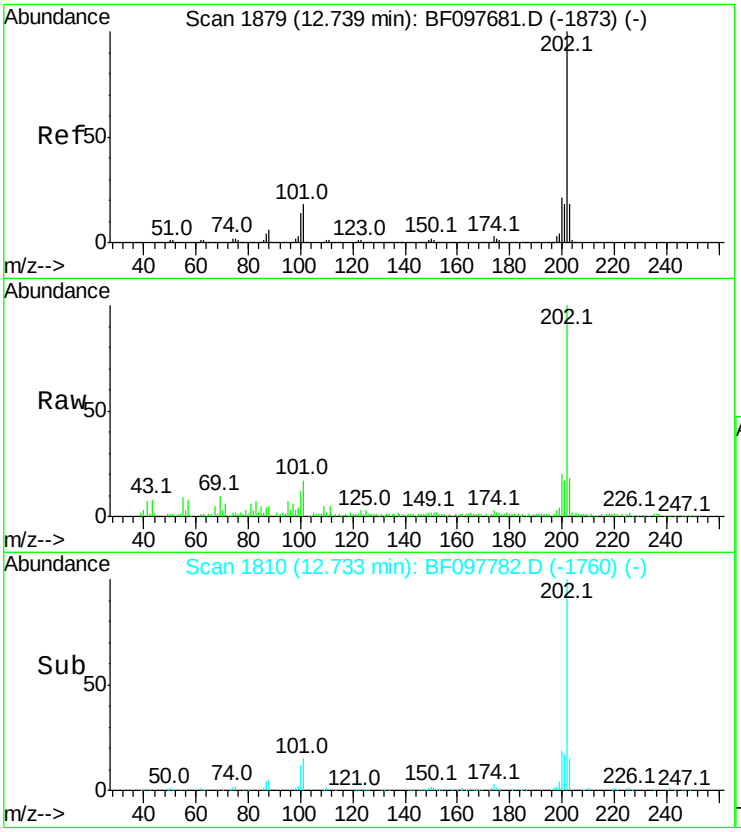


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:240 Resp: 329652

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	26.1	20.5	30.7



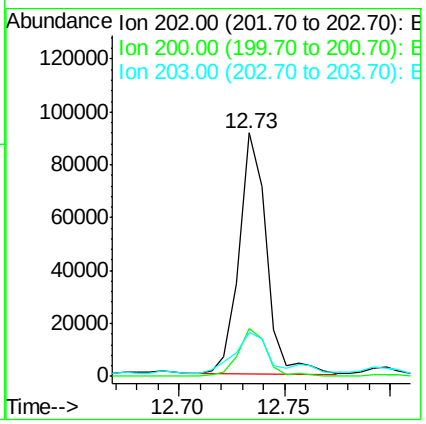


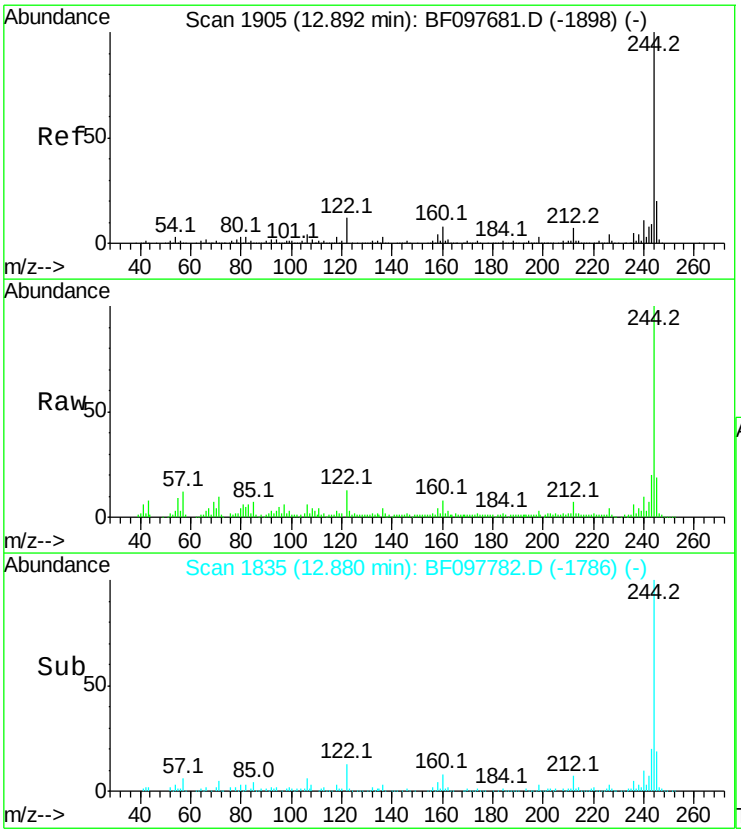
#77
Pyrene
Concen: 3.040 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:202 Resp: 81963

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.6	26.4
203	18.0	14.4	21.6

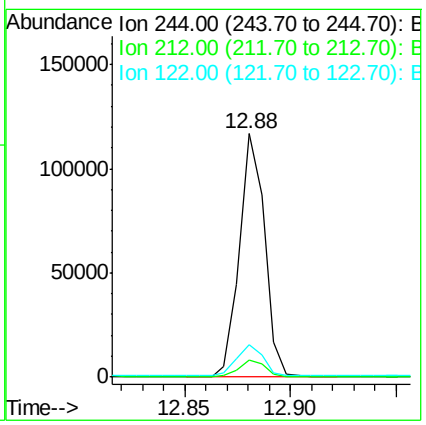


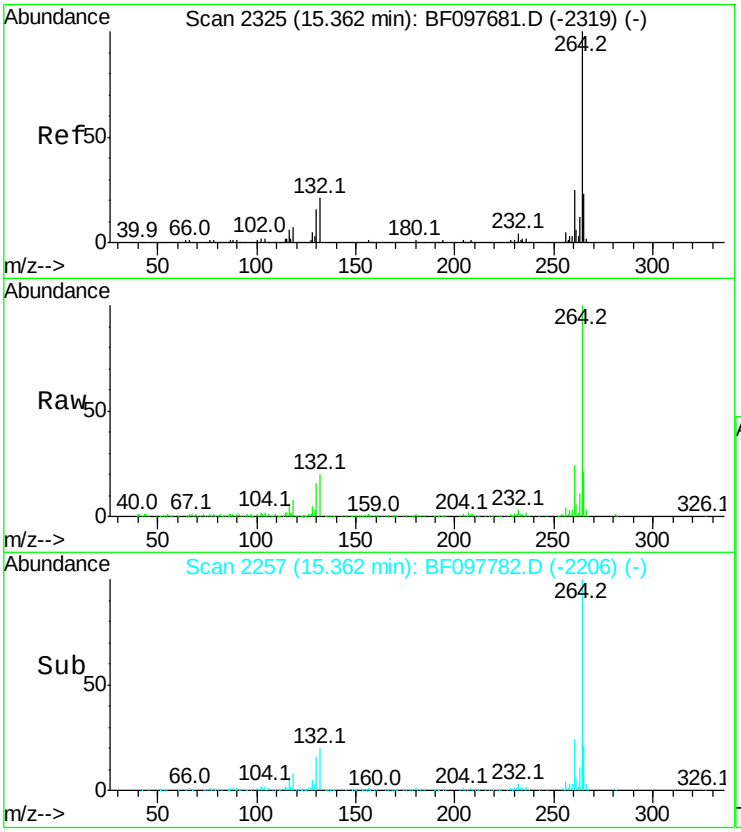


#78
Terphenyl-d14
Concen: 6.101 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Tgt Ion:244 Resp: 96441

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.2	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097782.D
Acq: 17 Aug 2017 11:56

Instrument :
BNA_F
ClientSampleId :
E2-J9-SSW

Tgt Ion:264 Resp: 270475

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.2	17.2	25.8