Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097950.D
Acq On : 22 Aug 2017 12:41
Operator : SJ/JU
Sample : I4872-20DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-31-COMPDL

Quant Time: Aug 22 13:24:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103557	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	370256	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	136979	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	248969	20.00	ng		0.00
75) Chrysene-d12	13.90	240	210812	20.00	ng		0.00
86) Perylene-d12	15.32	264	144646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	139666	20.51	ng		0.00
7) Phenol-d6	6.37	99	181779	19.65	ng		-0.02
23) Nitrobenzene-d5	7.30	82	98748	14.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	18882	15.89	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	145484	15.60	ng		0.00
78) Terphenyl-d14	12.84	244	110668	10.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	13290	2.099	ng	#	73
25) Isophorone	7.30	82	95234	6.720	ng	#	67
50) 2,6-Dinitrotoluene	9.78	165	17773	8.893	ng	#	35
56) 2,4-Dinitrotoluene	9.78	165	17773	7.086	ng	#	34
70) Phenanthrene	11.29	178	142709	10.757	ng		100
71) Anthracene	11.34	178	33224	2.469	ng		99
74) Fluoranthene	12.47	202	353032	25.494	ng		98
77) Pyrene	12.70	202	352851	20.465	ng		98
80) Benzo(a)anthracene	13.89	228	155759	12.328	ng		94
82) Chrysene	13.92	228	128376	10.214	ng		97
85) Indeno(1,2,3-cd)pyrene	16.69	276	58554	6.333	ng	#	92
87) Benzo(b)fluoranthene	14.91	252	193908	21.268	ng		99
88) Benzo(k)fluoranthene	15.20	252	70775	8.262	ng		98
89) Benzo(a)pyrene	15.26	252	108484	13.440	ng		97
91) Benzo(g,h,i)perylene	17.10	276	59136	8.625	ng	#	90

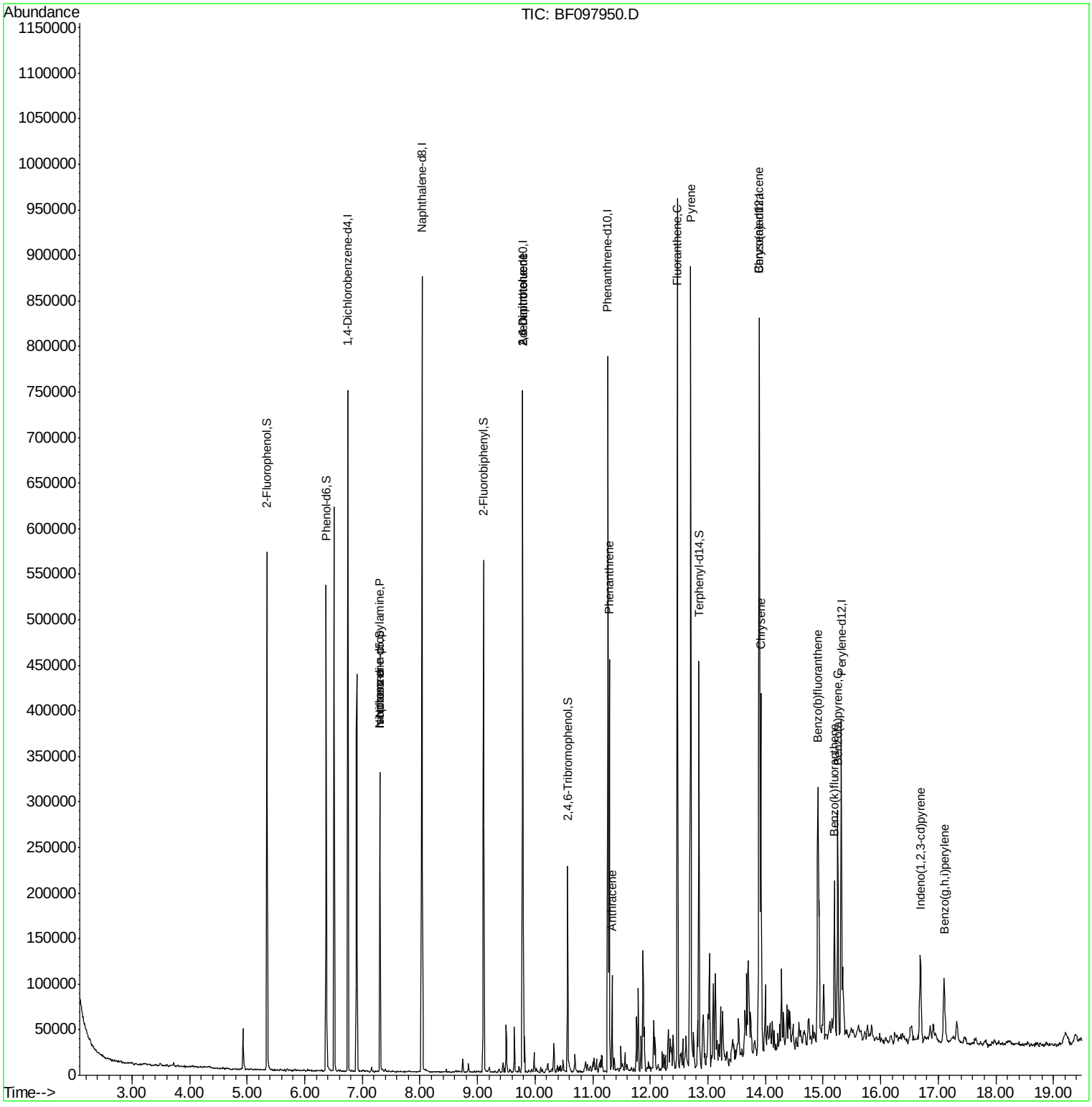
(#) = qualifier out of range (m) = manual integration (+) = signals summed

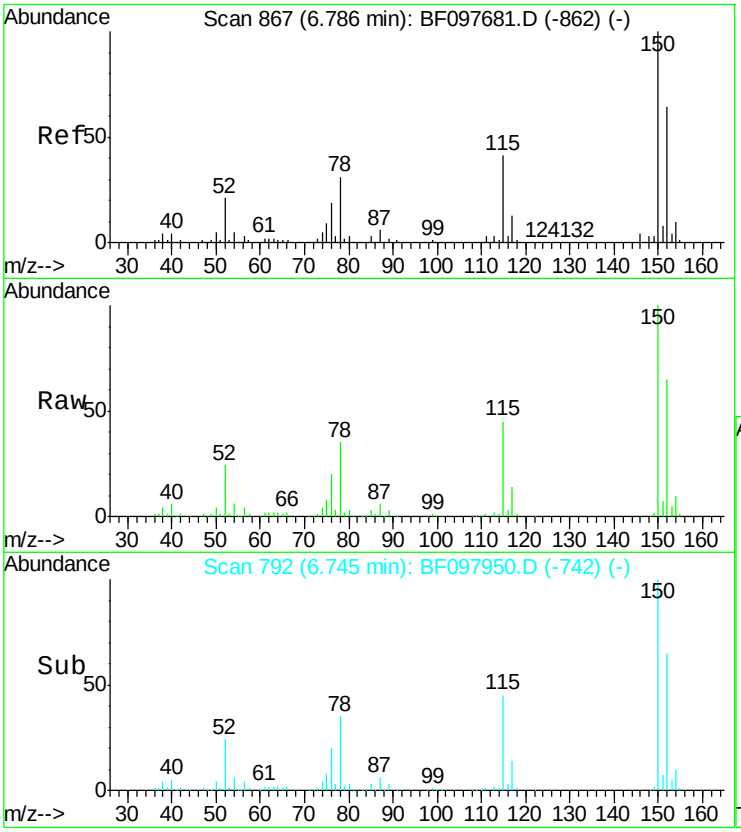
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097950.D
Acq On : 22 Aug 2017 12:41
Operator : SJ/JU
Sample : I4872-20DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Quant Time: Aug 22 13:24:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



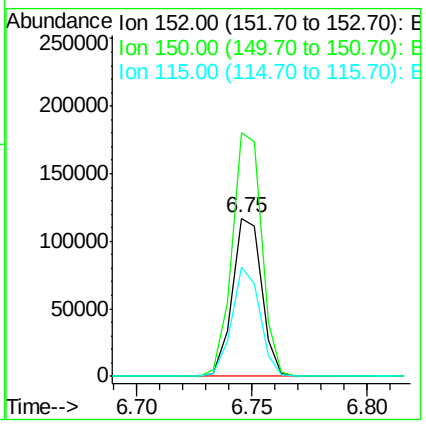


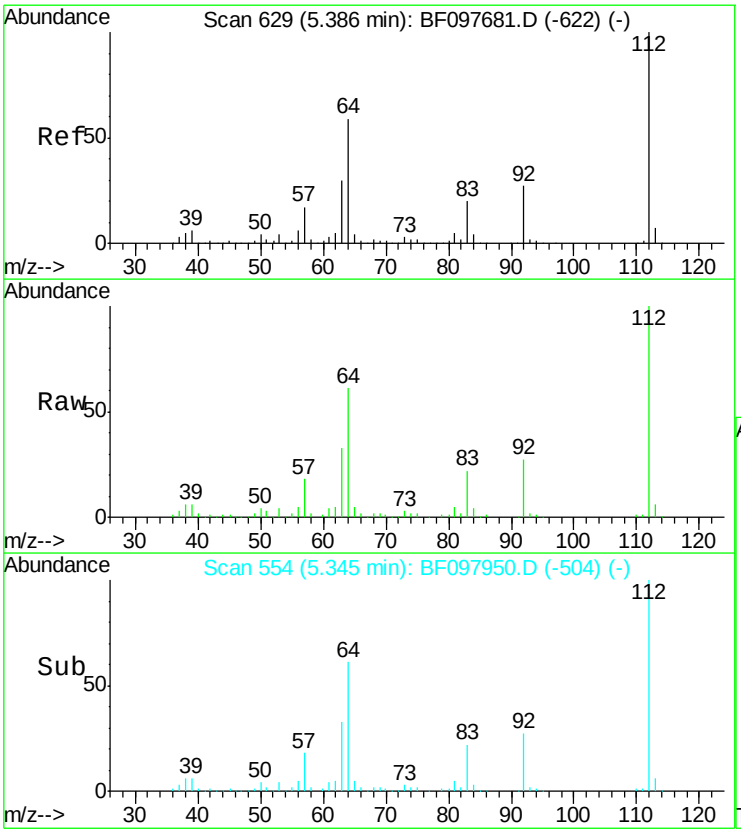
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:152 Resp: 103557

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	68.8	52.2	78.2

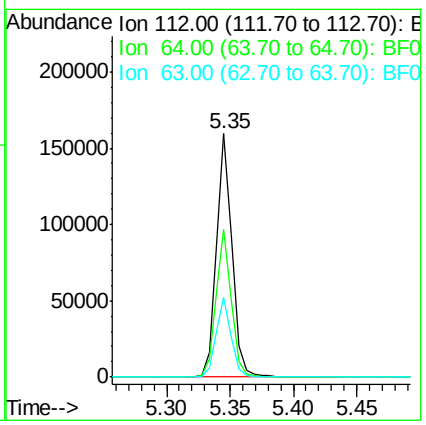


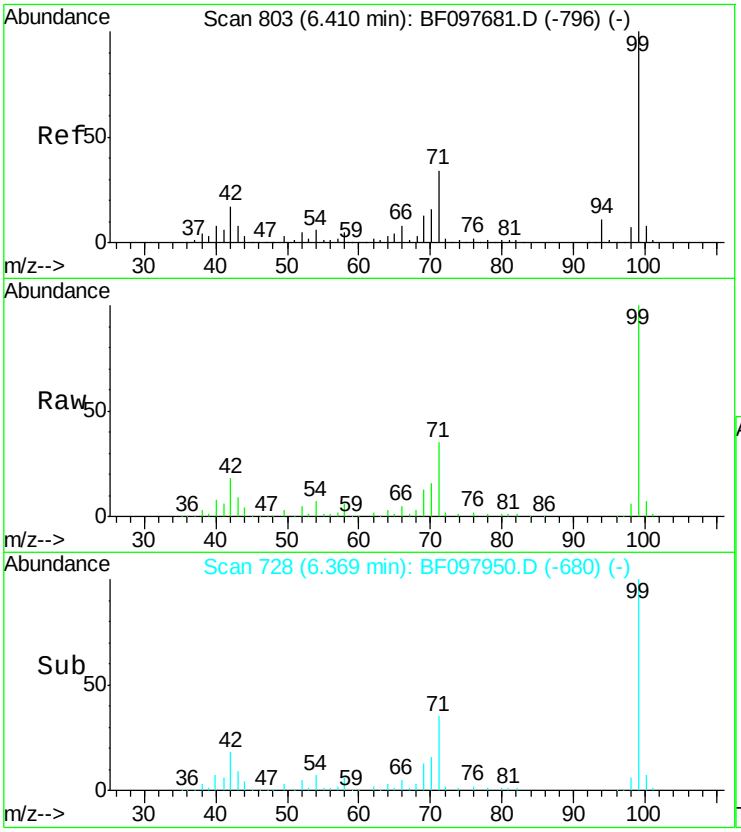


#5
2-Fluorophenol
Concen: 20.515 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:112 Resp: 139666

Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.0	69.0
63	33.0	23.4	35.0



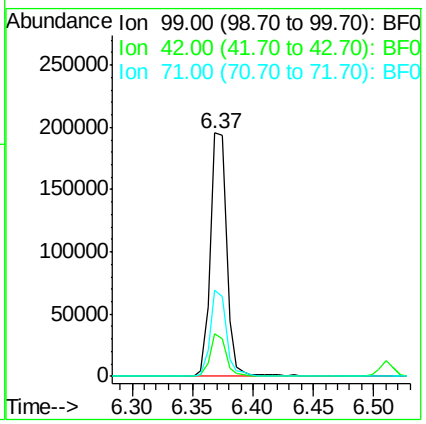


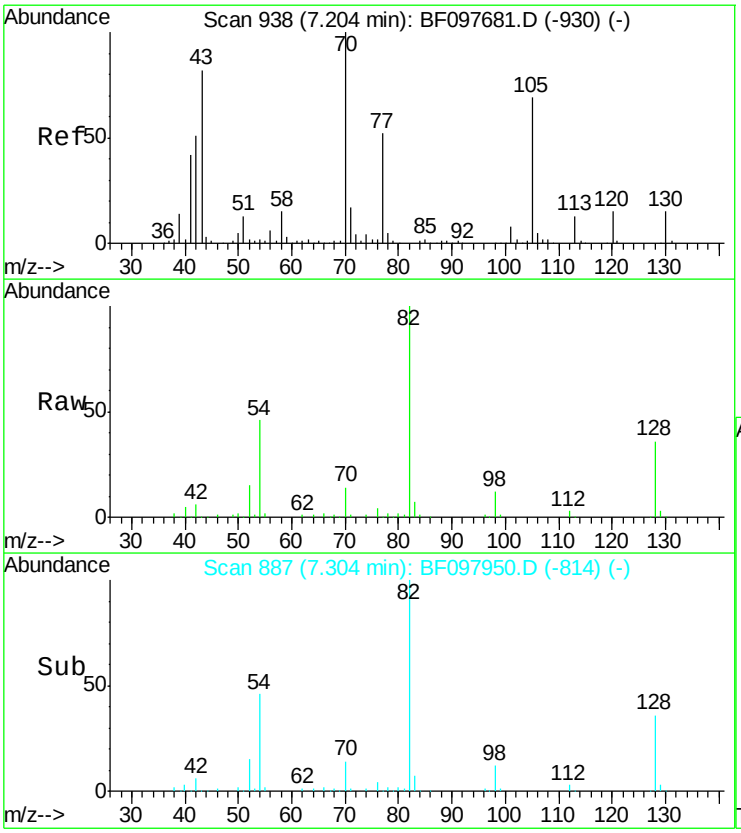
#7
Phenol-d6
Concen: 19.651 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion: 99 Resp: 181779

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	35.2	24.5	36.7

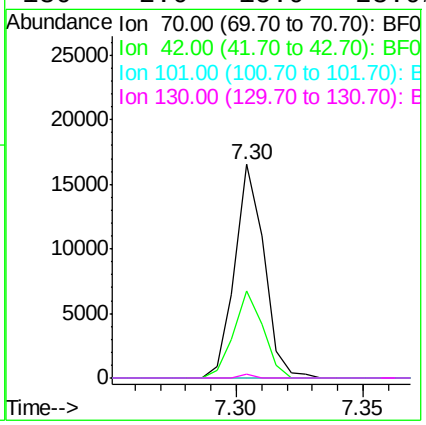


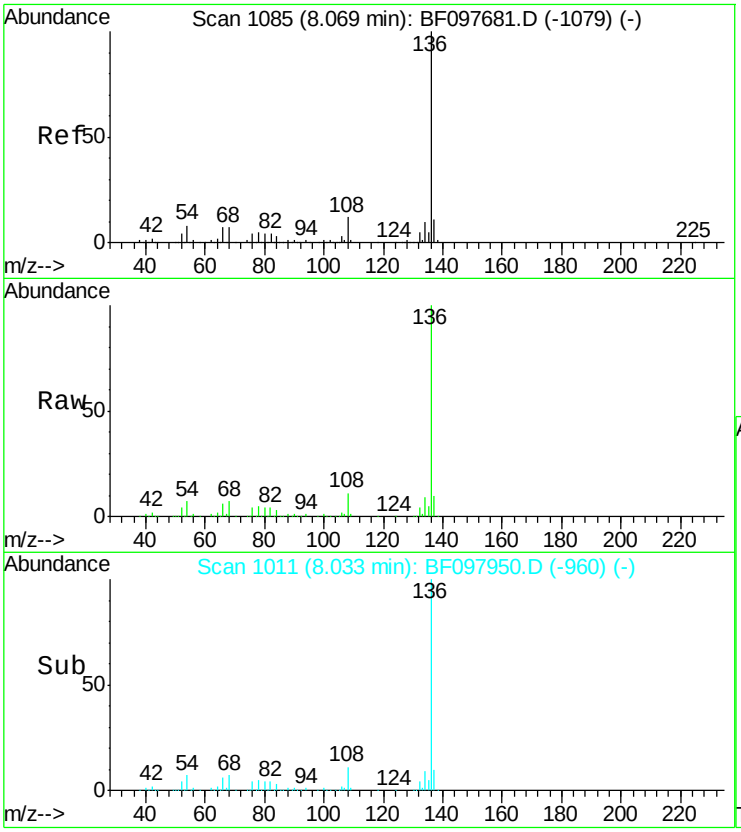


#19
n-Nitroso-di-n-propylamine
Concen: 2.099 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion: 70 Resp: 13290

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



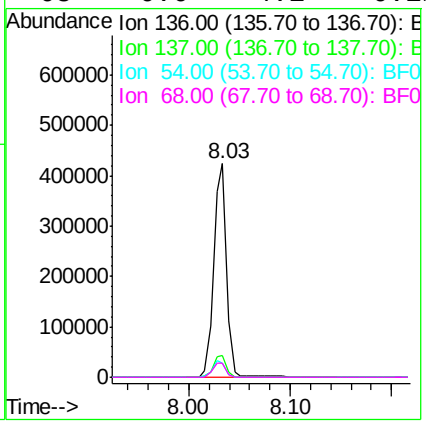


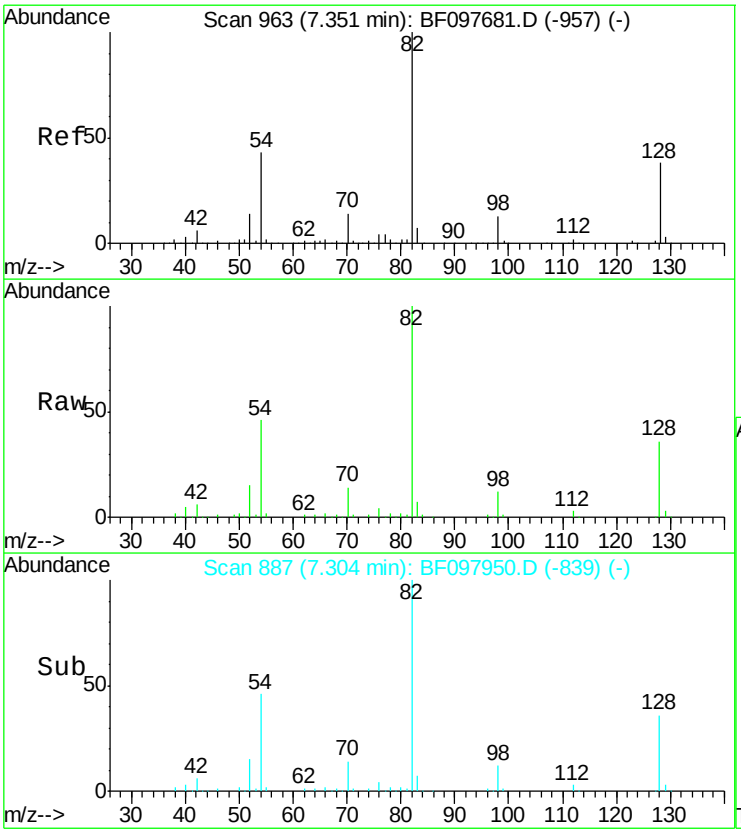
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:136 Resp: 370256

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.8	4.9	7.3
68	6.6	4.1	6.1#

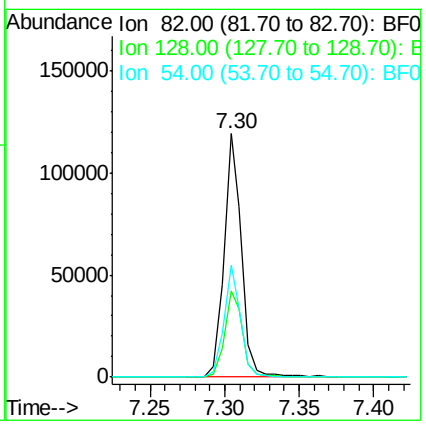


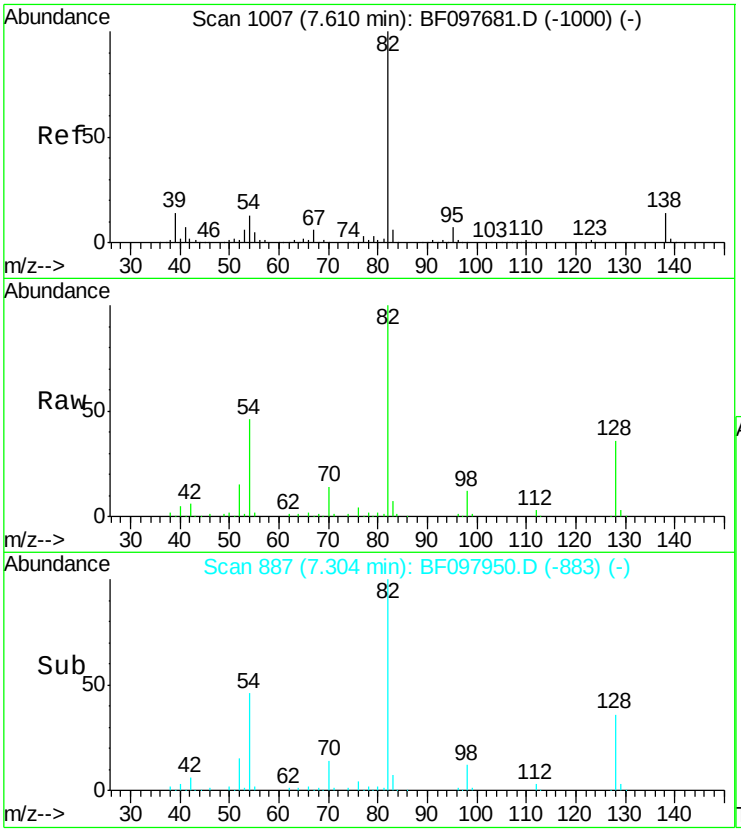


#23
Nitrobenzene-d5
Concen: 14.488 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion: 82 Resp: 98748

Ion	Ratio	Lower	Upper
82	100		
128	35.6	34.0	51.0
54	45.8	42.2	63.2



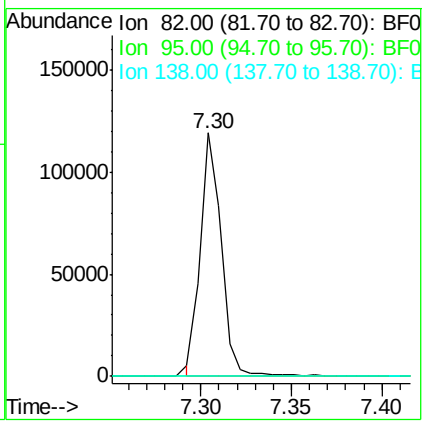


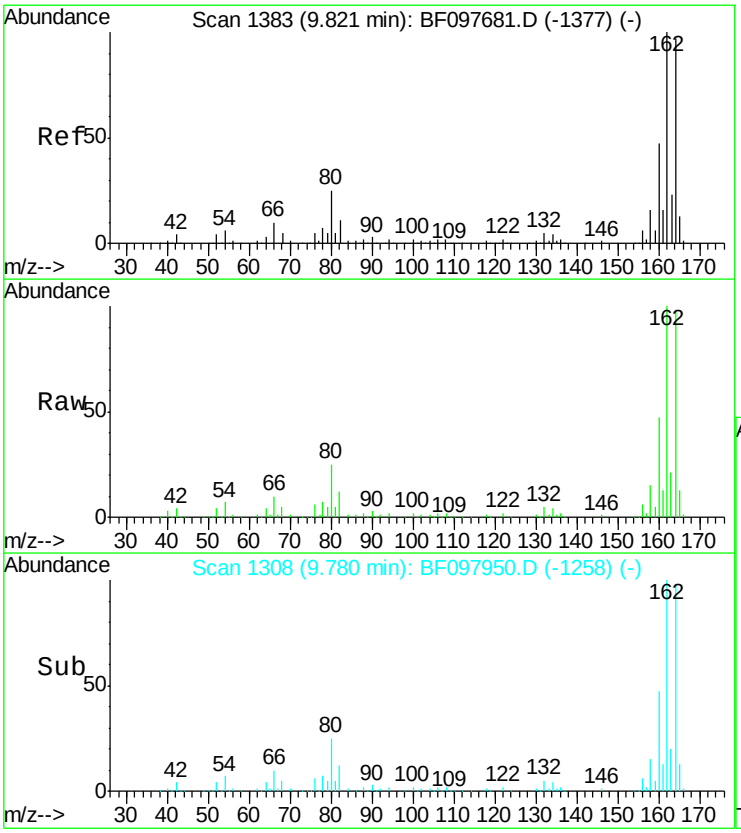
#25
Isophorone
Concen: 6.720 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion: 82 Resp: 95234

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

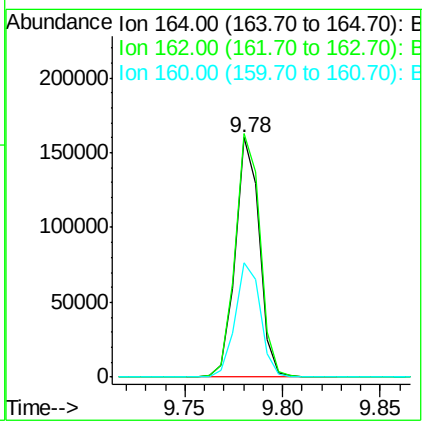


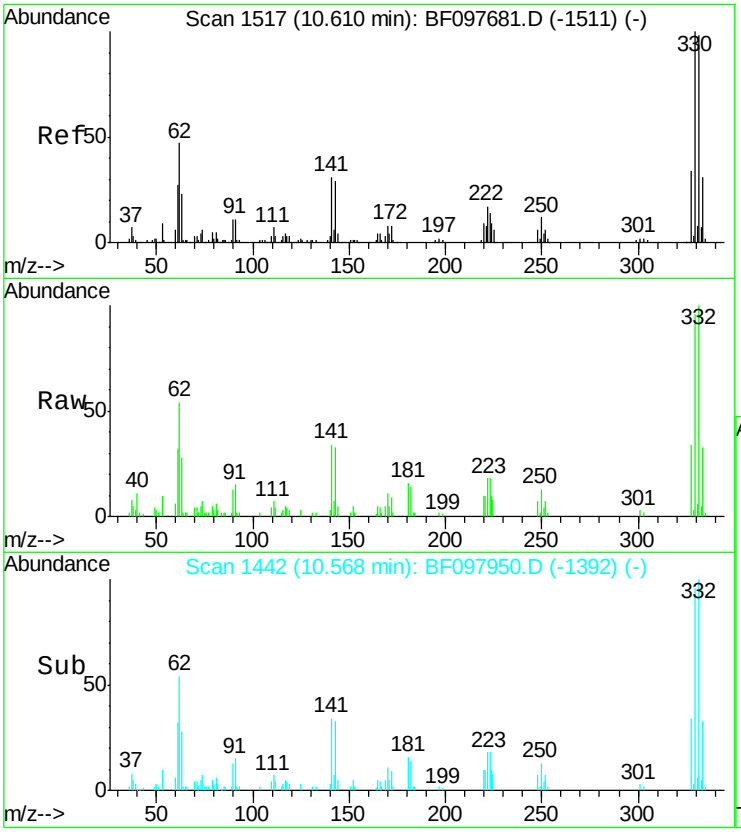


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:164 Resp: 136979

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	47.7	36.2	54.2



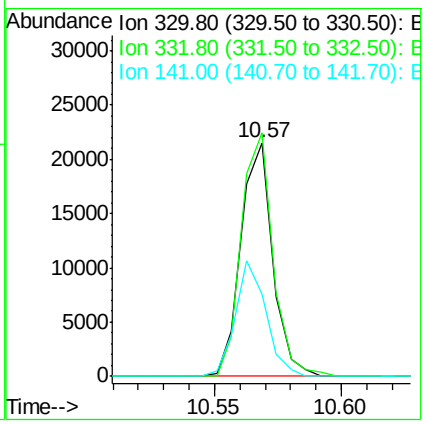


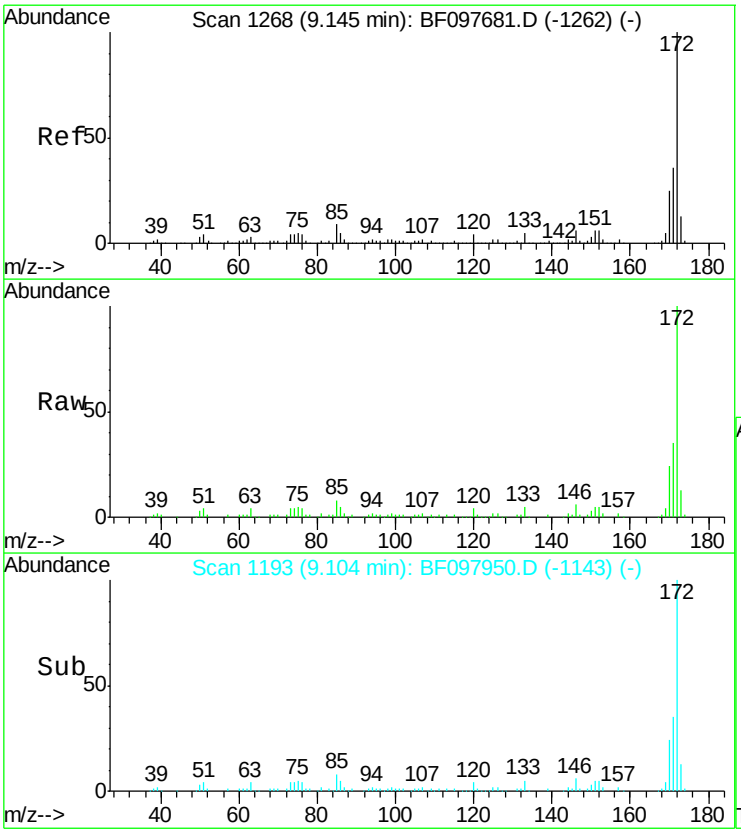
#41
2,4,6-Tribromophenol
Concen: 15.887 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:330 Resp: 18882

Ion	Ratio	Lower	Upper
330	100		
332	102.9	76.6	115.0
141	47.1	31.4	47.2

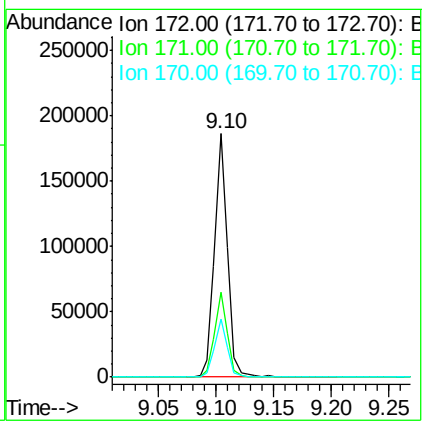


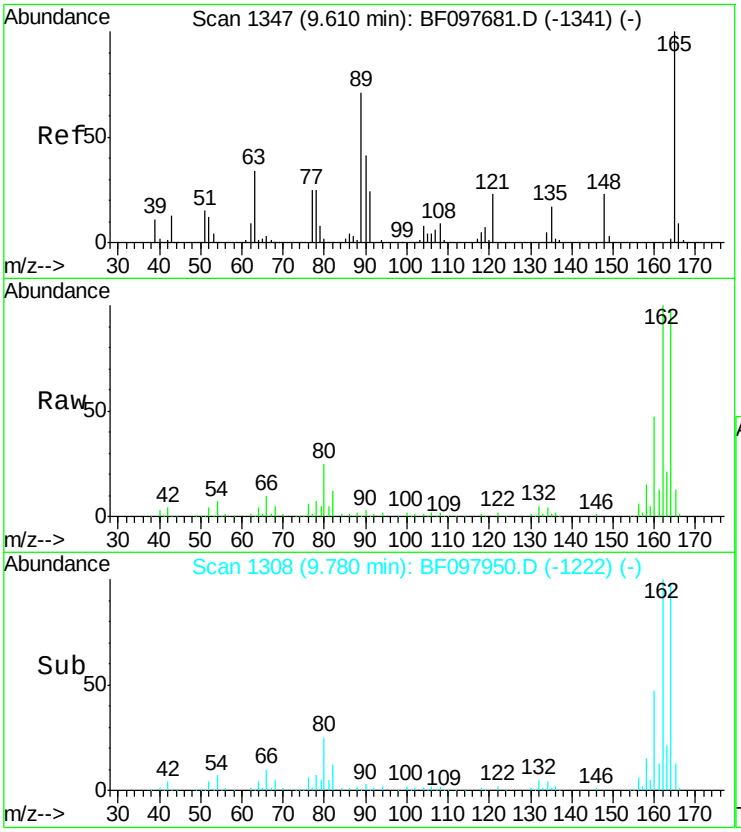


#44
2-Fluorobiphenyl
Concen: 15.604 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:172 Resp: 145484

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	24.1	19.8	29.8



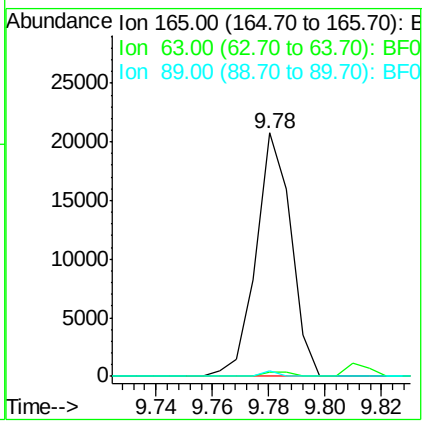


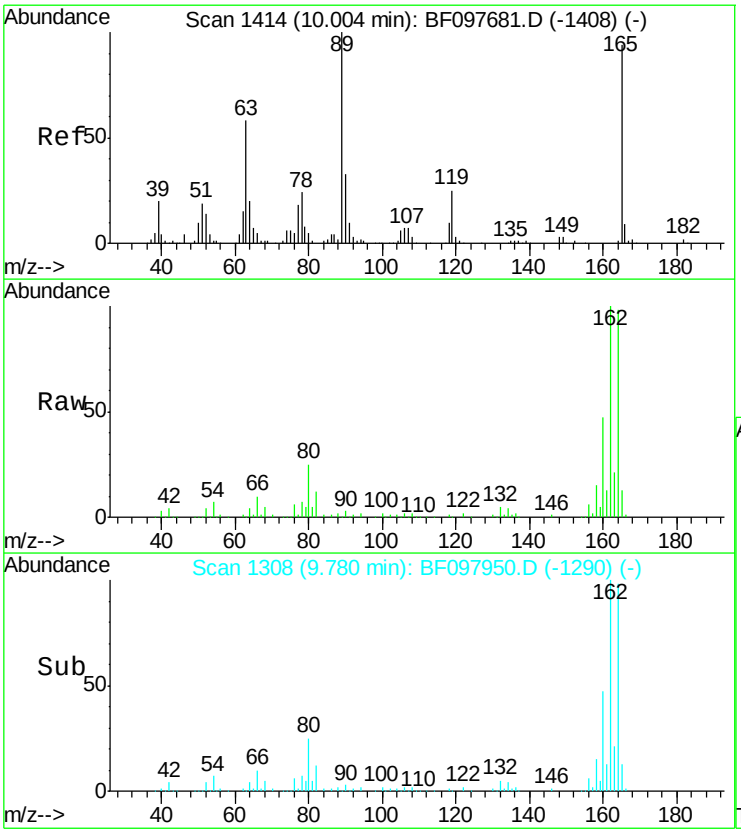
#50
2,6-Dinitrotoluene
Concen: 8.893 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.21 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:165 Resp: 17773

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	2.2	37.1	55.7#

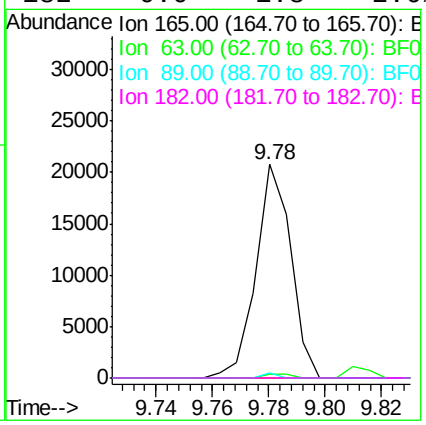


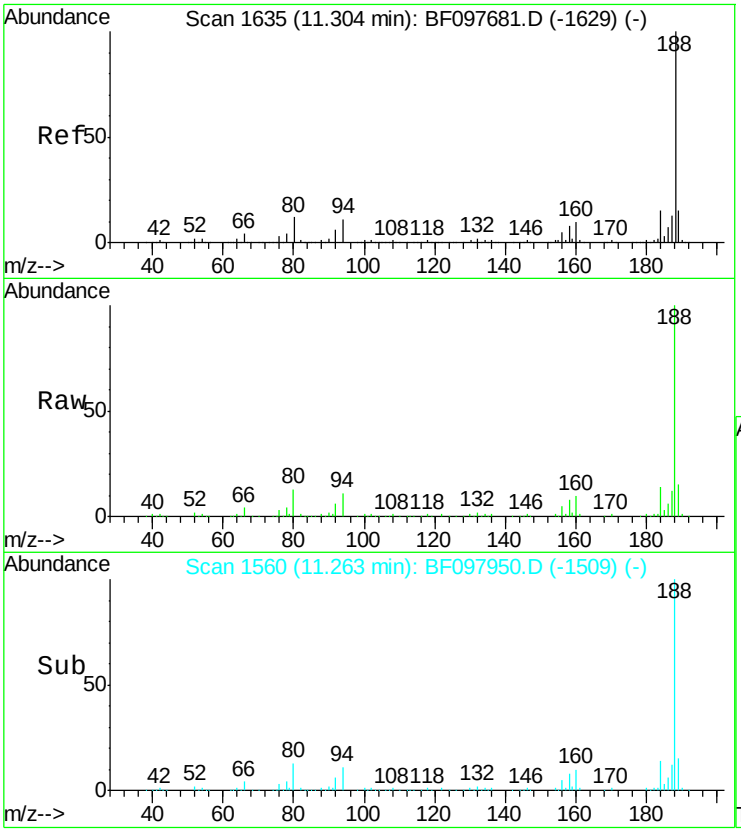


#56
2,4-Dinitrotoluene
Concen: 7.086 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:165 Resp: 17773

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



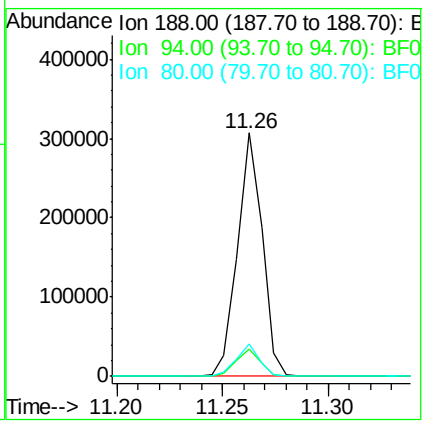


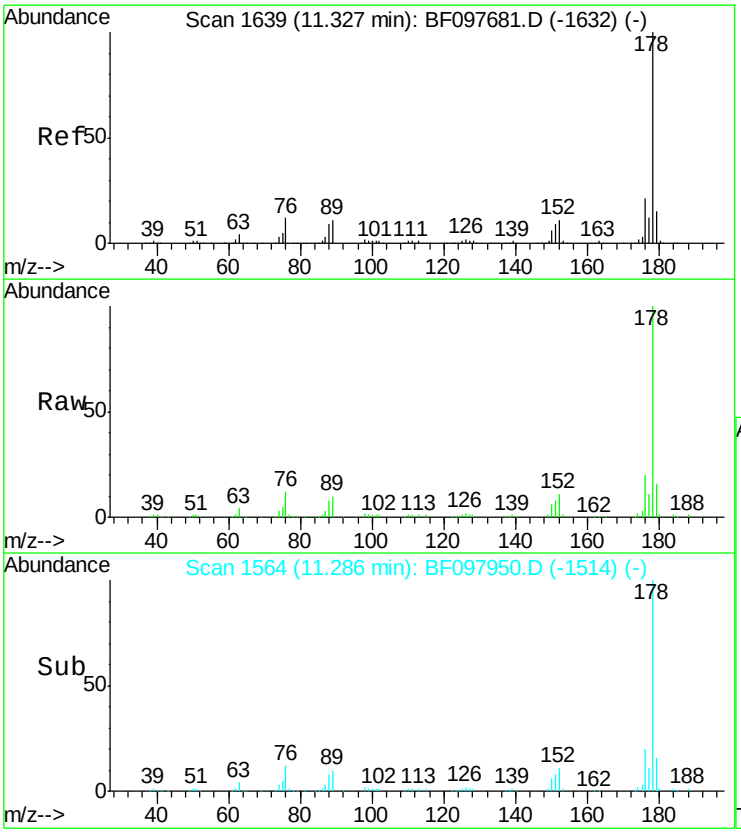
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:188 Resp: 248969

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	13.1	10.2	15.2

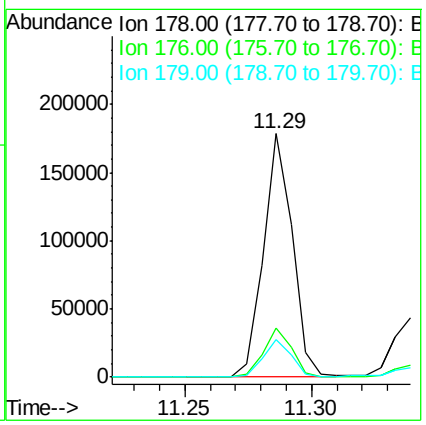


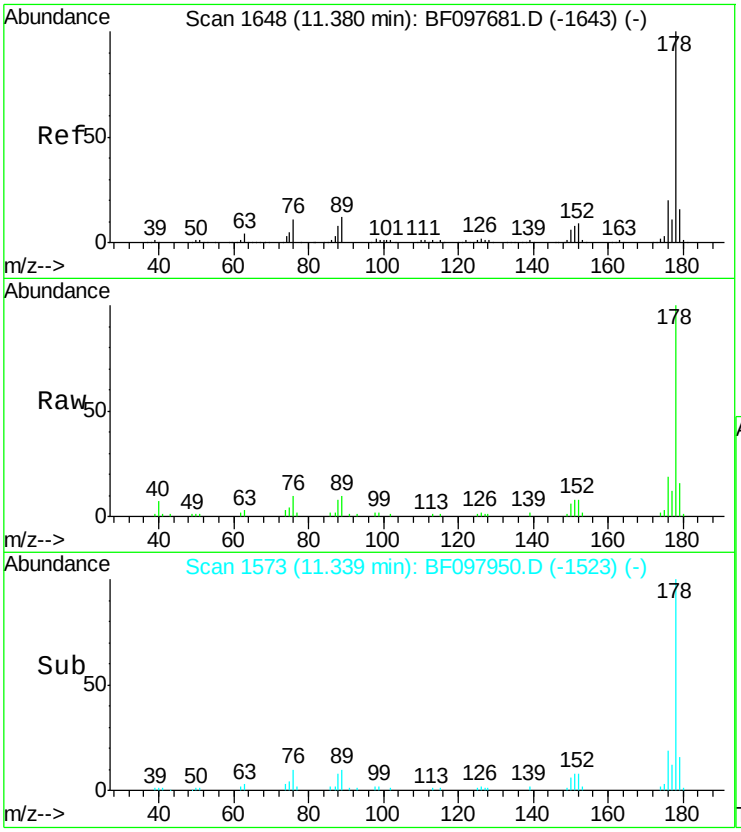


#70
Phenanthrene
Concen: 10.757 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:178 Resp: 142709

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.6	12.6	19.0



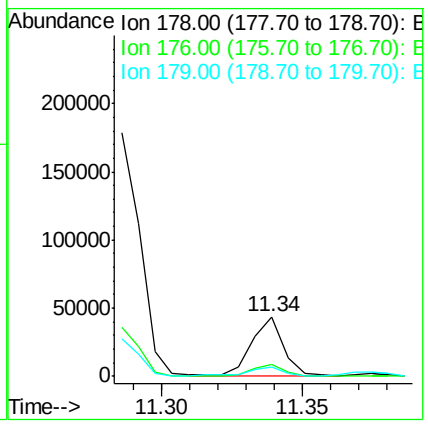


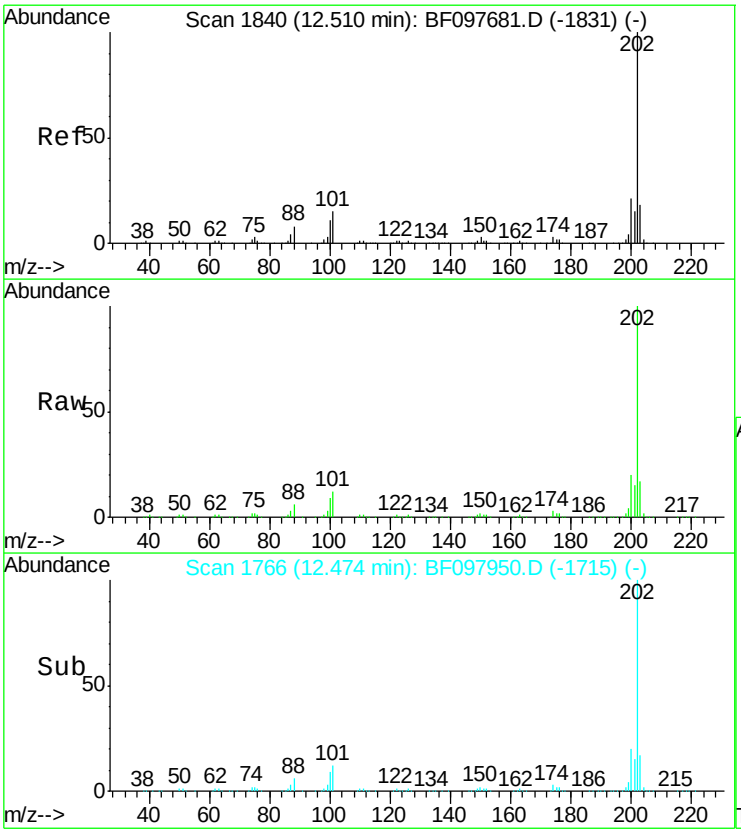
#71
Anthracene
Concen: 2.469 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:178 Resp: 33224

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.2	12.7	19.1

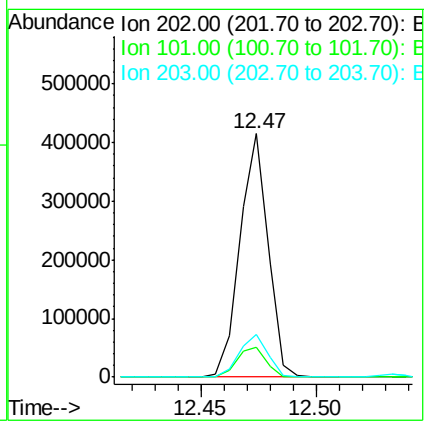


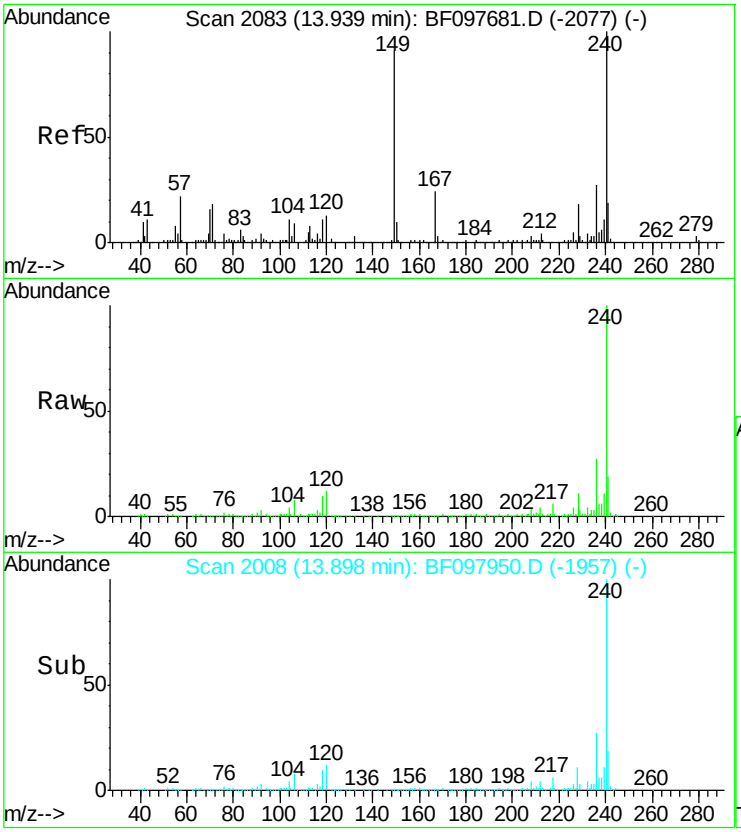


#74
Fluoranthene
Concen: 25.494 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:202 Resp: 353032

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.4	0.0	38.1



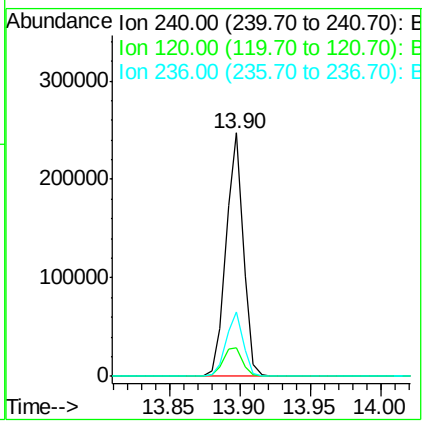


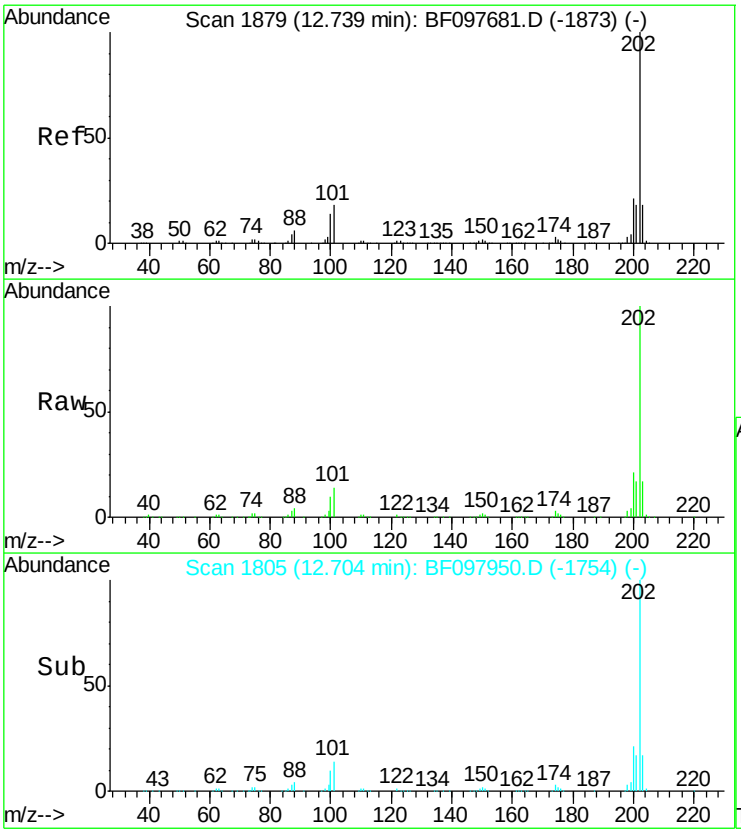
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:240 Resp: 210812

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.8	8.8#
236	26.6	20.5	30.7

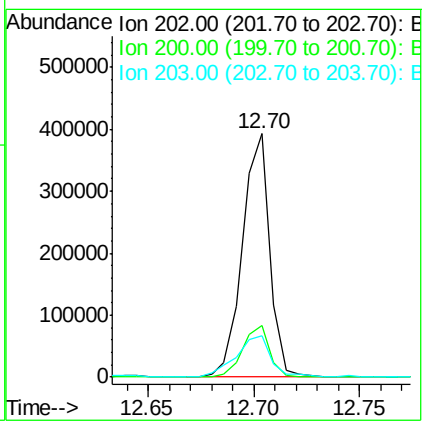


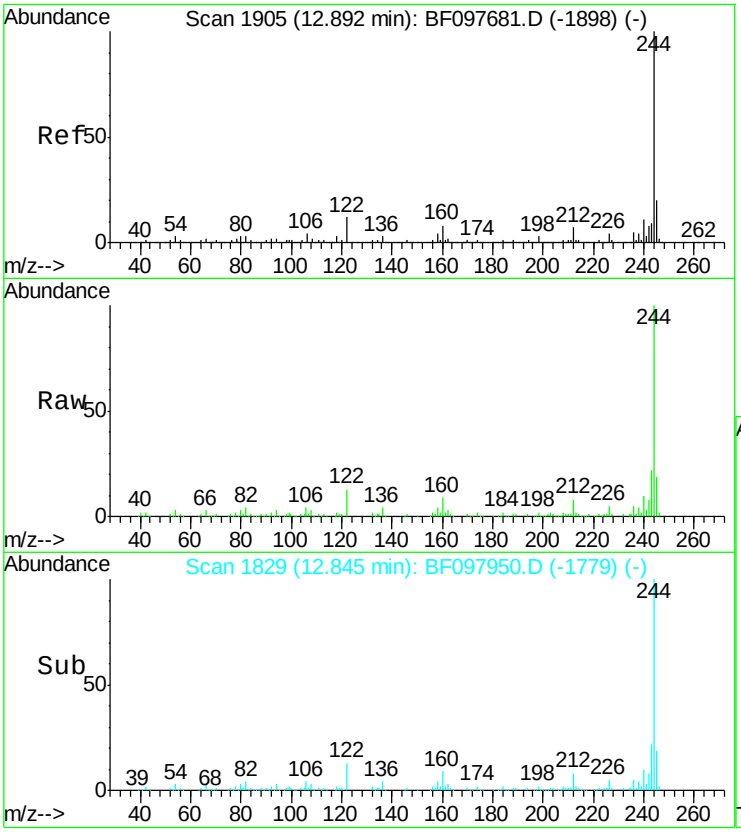


#77
Pyrene
Concen: 20.465 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:202 Resp: 352851

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.2	14.4	21.6



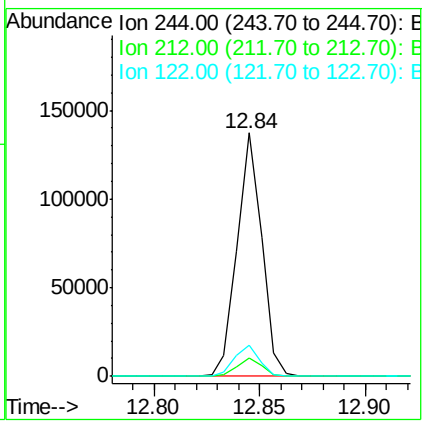


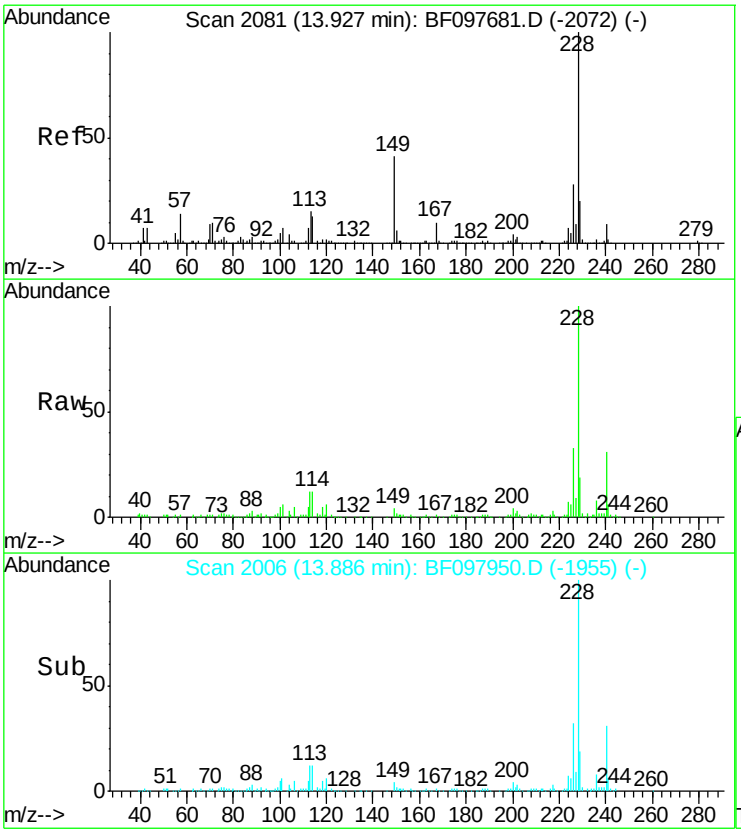
#78
Terphenyl-d14
Concen: 10.947 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:244 Resp: 110668

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.8	10.3	15.5

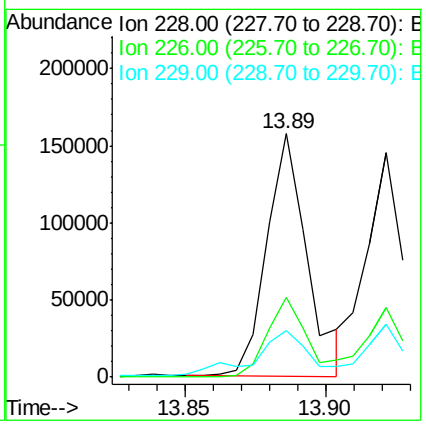


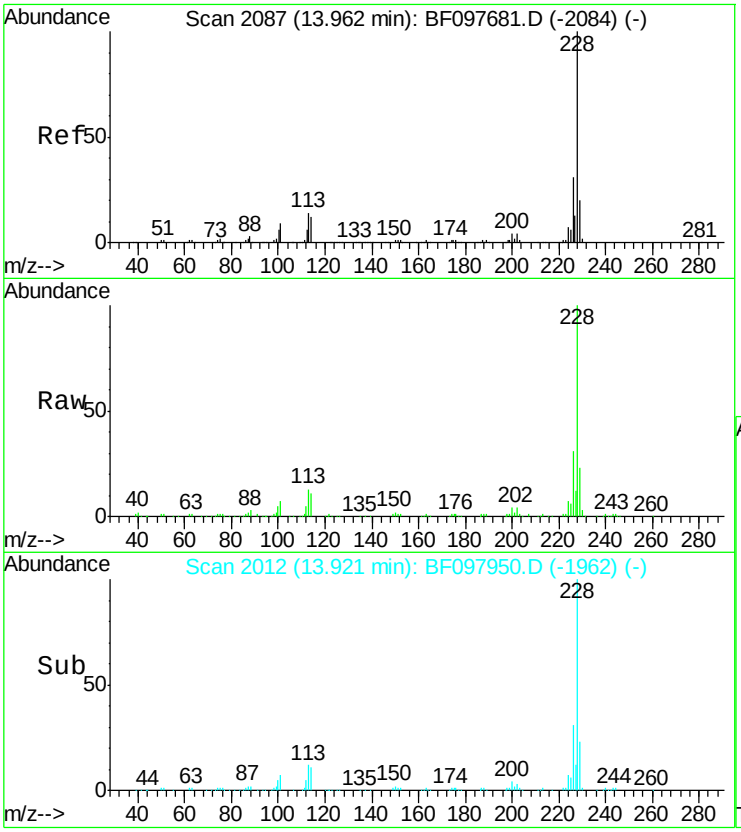


#80
Benzo(a)anthracene
Concen: 12.328 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:228 Resp: 155759

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	19.4	16.3	24.5



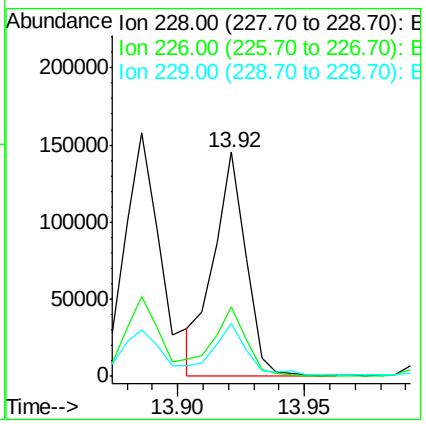


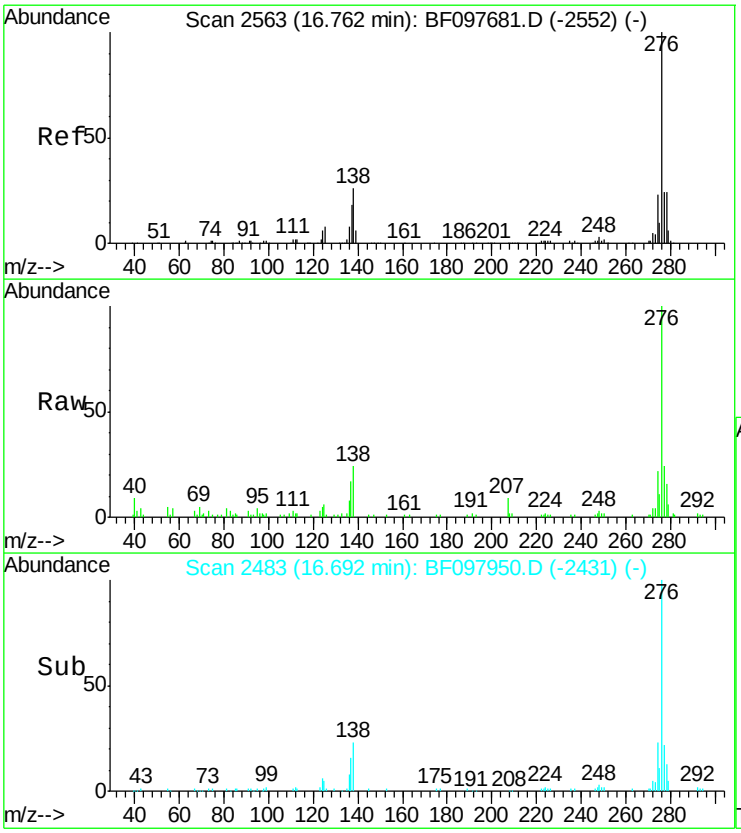
#82
Chrysene
Concen: 10.214 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:228 Resp: 128376

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	23.4	15.8	23.6

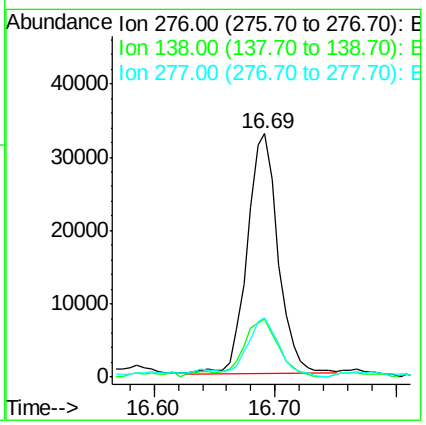


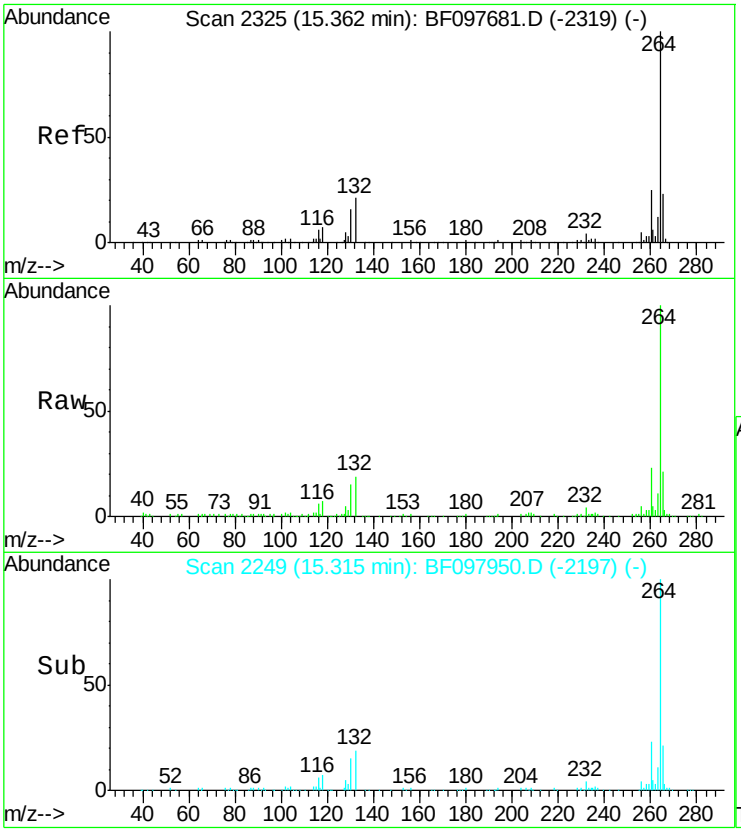


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.333 ng
RT: 16.69 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:276 Resp: 58554

Ion	Ratio	Lower	Upper
276	100		
138	26.9	27.8	41.6#
277	25.4	20.2	30.4



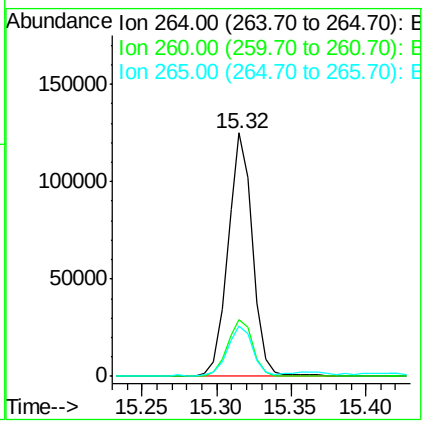


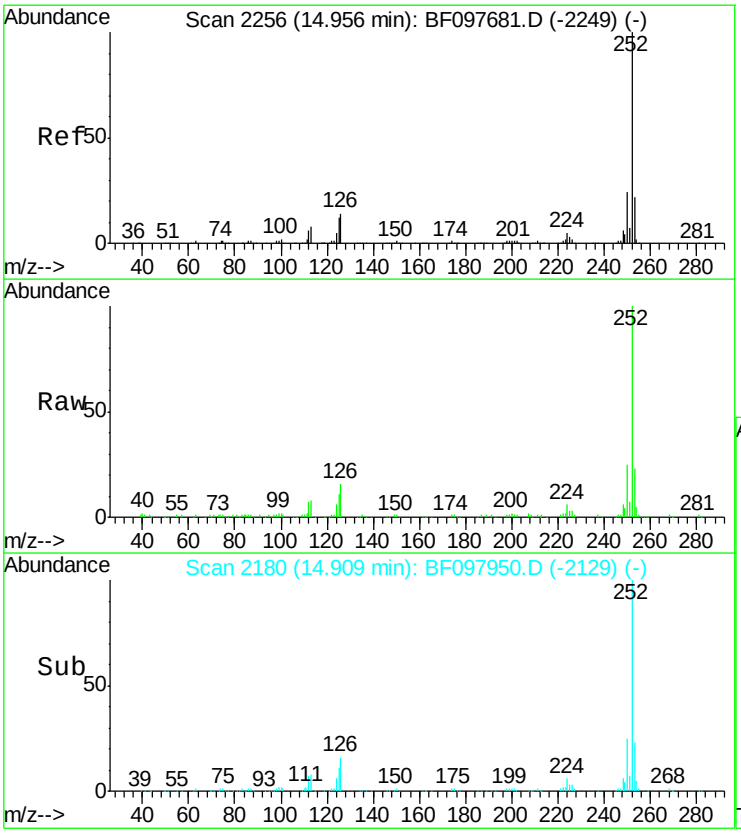
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:264 Resp: 144646

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.7	17.2	25.8

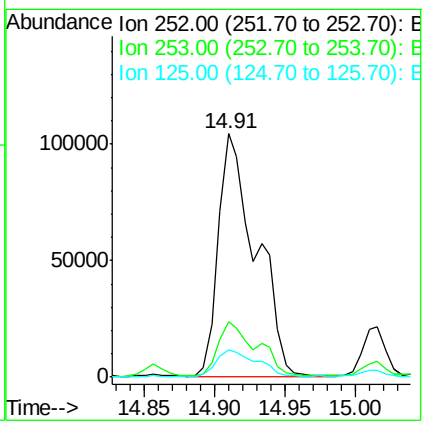


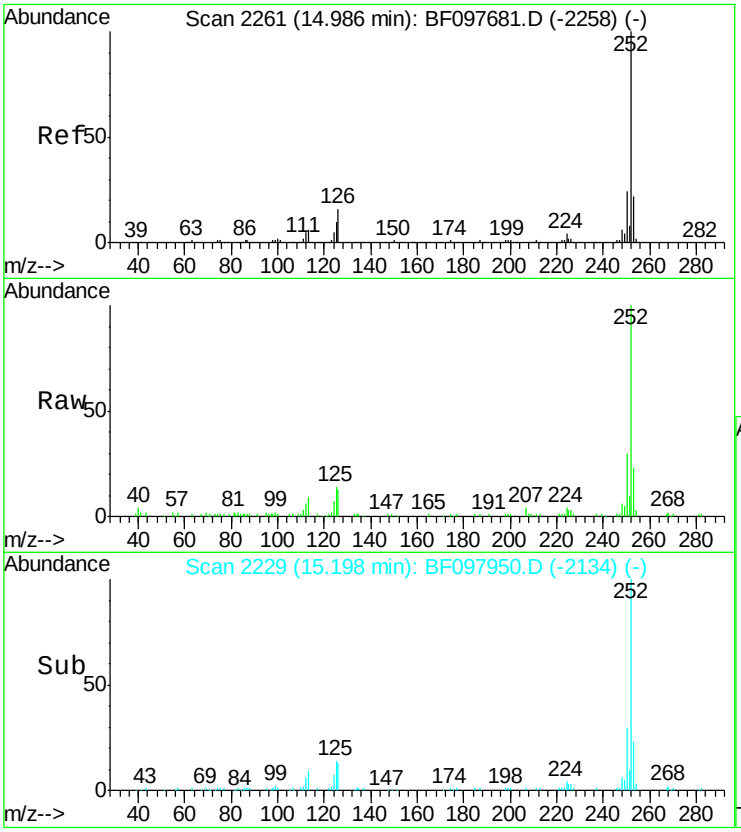


#87
Benzo(b)fluoranthene
Concen: 21.268 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:252 Resp: 193908

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.4	9.8	14.8



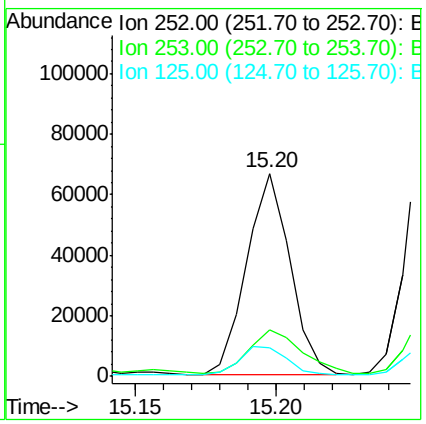


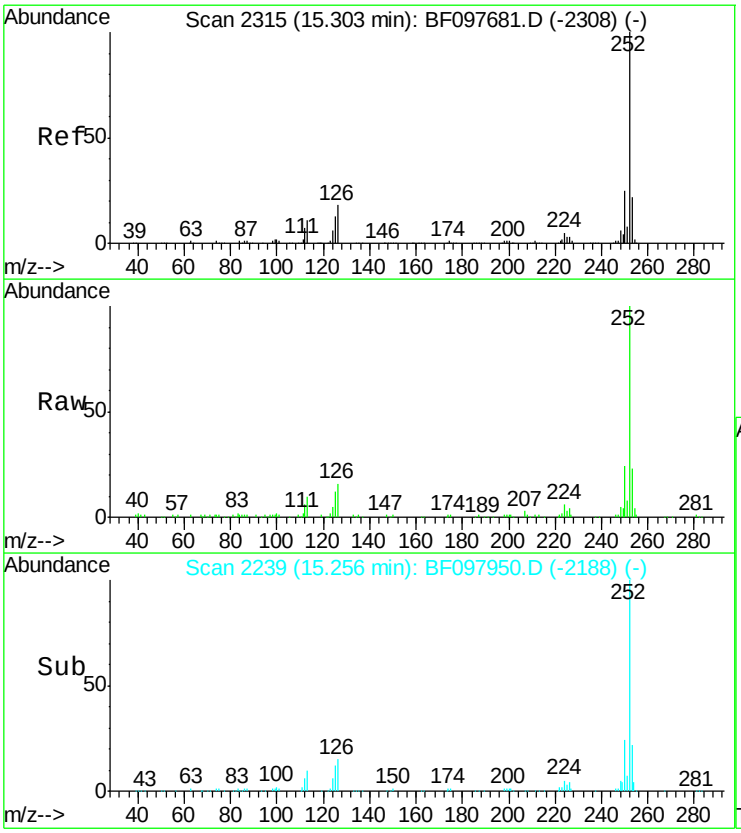
#88
Benzo(k)fluoranthene
Concen: 8.262 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.26 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:252 Resp: 70775

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.2	13.1	19.7

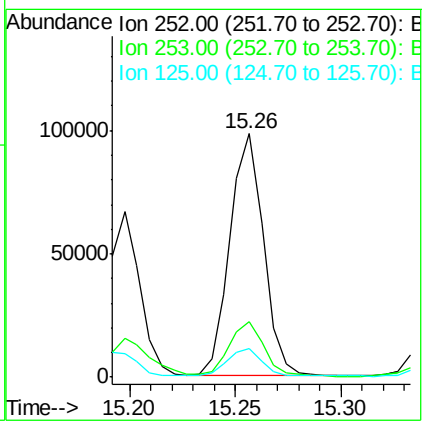


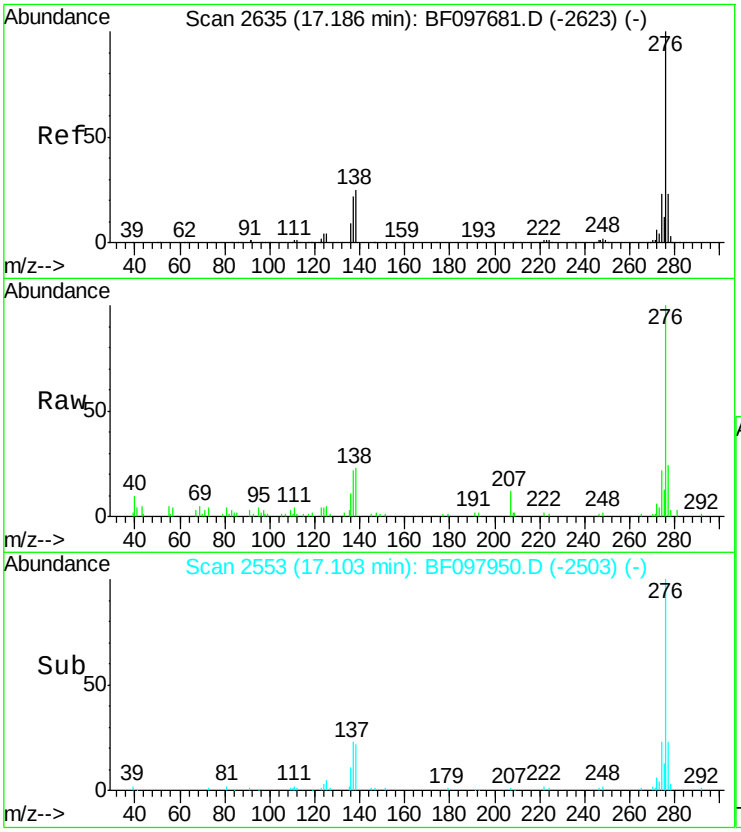


#89
Benzo(a)pyrene
Concen: 13.440 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Tgt Ion:252 Resp: 108484

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 8.625 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BF097950.D
Acq: 22 Aug 2017 12:41

Instrument :
BNA_F
ClientSampleId :
SB-31-COMPDL

Tgt Ion:276 Resp: 59136

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	22.7	25.4	38.0#