Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097163.D
Acq On : 28 Jul 2017 19:35
Operator : SJ/JU
Sample : I4418-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TCM-ROW

Quant Time: Jul 28 22:42:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	128714	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	549269	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	214132	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	370407	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	223481	20.00	ng		-0.02
86) Perylene-d12	14.96	264	218500	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	466321	54.62	ng		-0.02
7) Phenol-d6	6.15	99	579719	59.47	ng		-0.02
23) Nitrobenzene-d5	7.05	82	308170	32.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	92612	54.74	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	463227	36.71	ng		-0.02
78) Terphenyl-d14	12.57	244	279552	25.50	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.05	70	40492	6.31	ng	#	88
25) Isophorone	7.05	82	302388	16.49	ng	#	67
49) Dimethylphthalate	9.25	163	103338	6.36	ng		97
56) 2,4-Dinitrotoluene	9.52	165	28011	7.07	ng	#	33
59) Diethylphthalate	9.95	149	31650	2.12	ng		99
70) Phenanthrene	11.01	178	234740	11.83	ng		98
71) Anthracene	11.06	178	55482	2.73	ng		98
74) Fluoranthene	12.19	202	351382	18.07	ng		97
77) Pyrene	12.42	202	283543	15.50	ng		98
80) Benzo(a)anthracene	13.60	228	151849	10.50	ng		97
82) Chrysene	13.64	228	152142	10.78	ng		97
85) Indeno(1,2,3-cd)pyrene	16.18	276	78155	6.46	ng		98
87) Benzo(b)fluoranthene	14.60	252	255511	19.45	ng	#	96
88) Benzo(k)fluoranthene	14.60	252	255511	20.41	ng		99
89) Benzo(a)pyrene	14.91	252	124530	10.36	ng		94
90) Dibenzo(a,h)anthracene	16.18	278	25029	2.54	ng	#	75
91) Benzo(g,h,i)perylene	16.54	276	69228	6.70	ng		95

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

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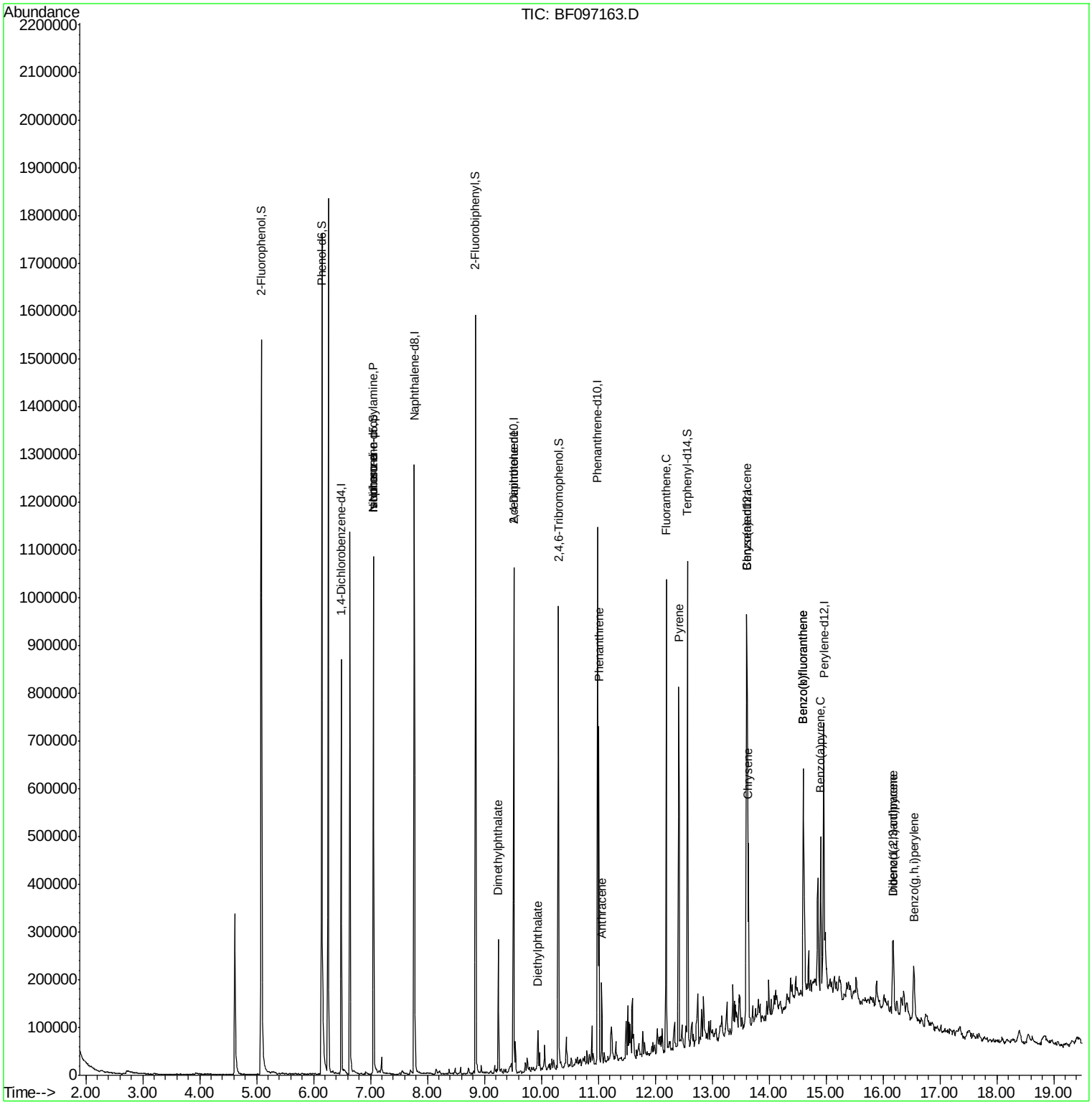
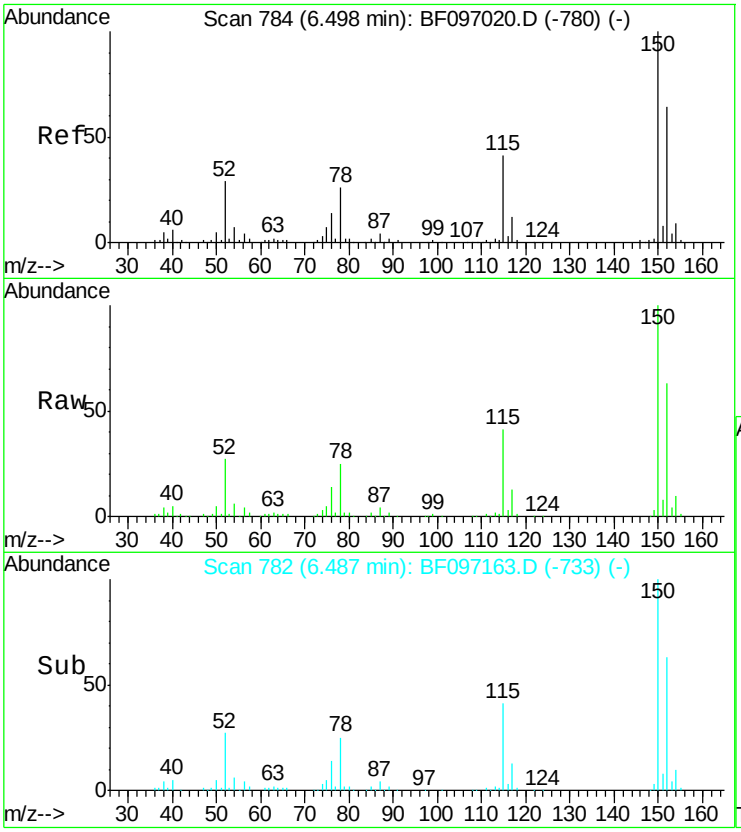


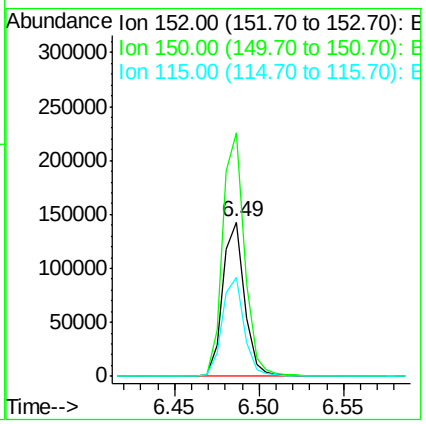


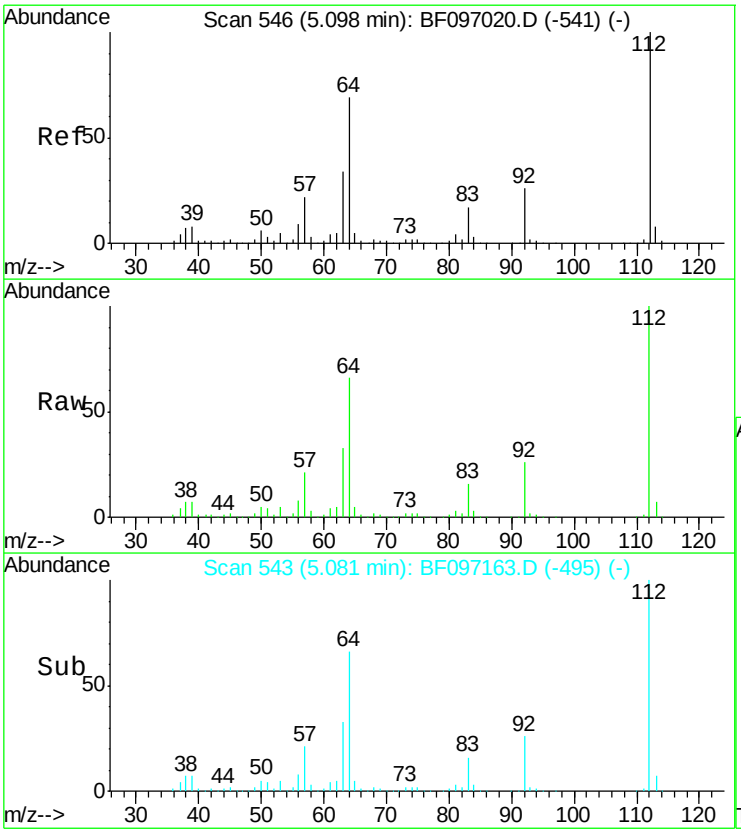
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:152 Resp: 128714

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	63.9	52.2	78.2

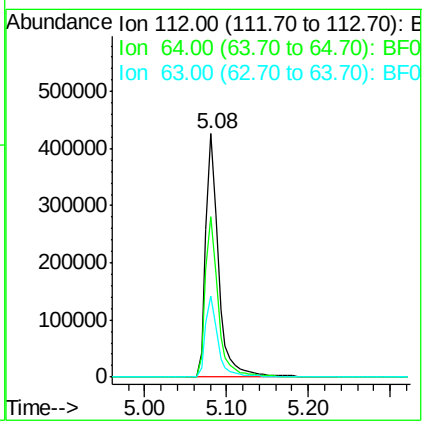


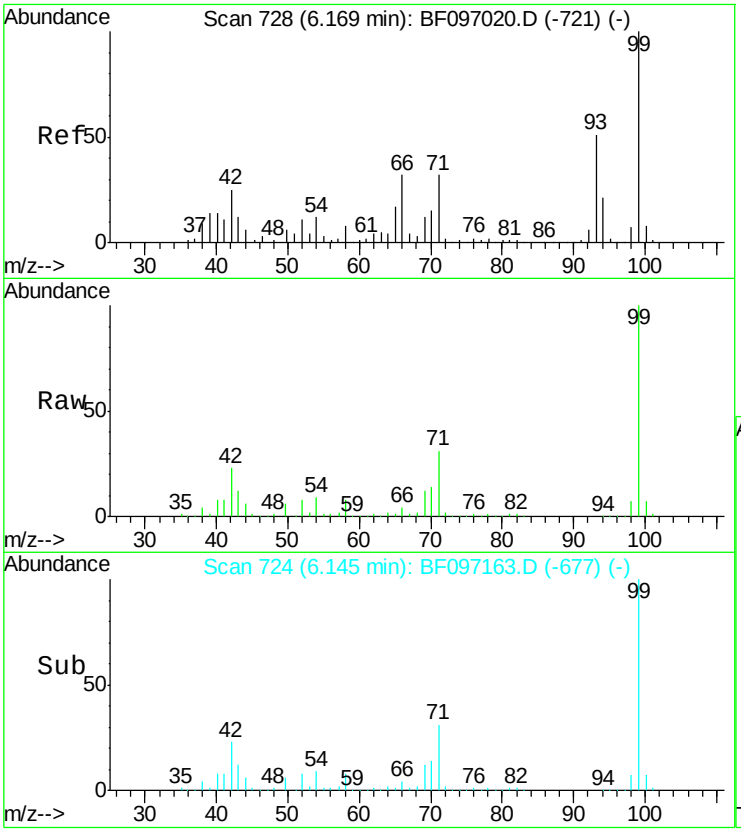


#5
2-Fluorophenol
Concen: 54.62 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:112 Resp: 466321

Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	33.4	23.4	35.0



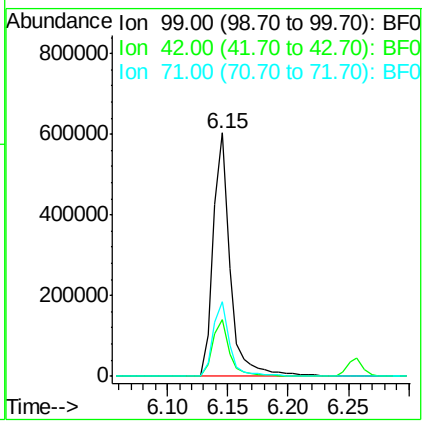


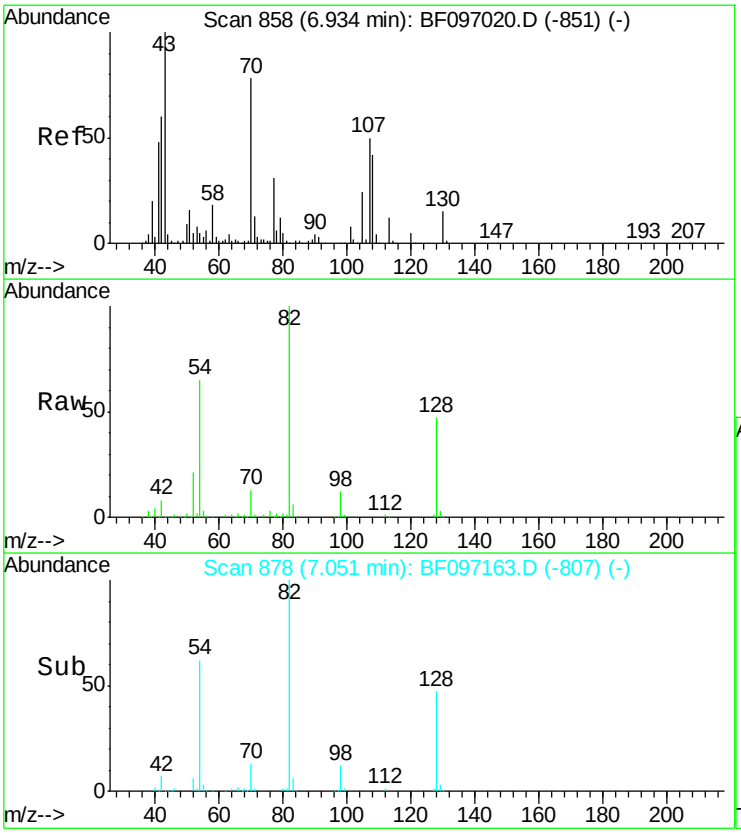
#7
Phenol-d6
Concen: 59.47 ng
RT: 6.15 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion: 99 Resp: 579719

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	30.6	24.5	36.7

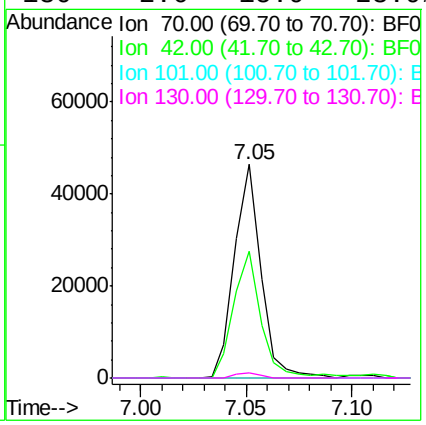


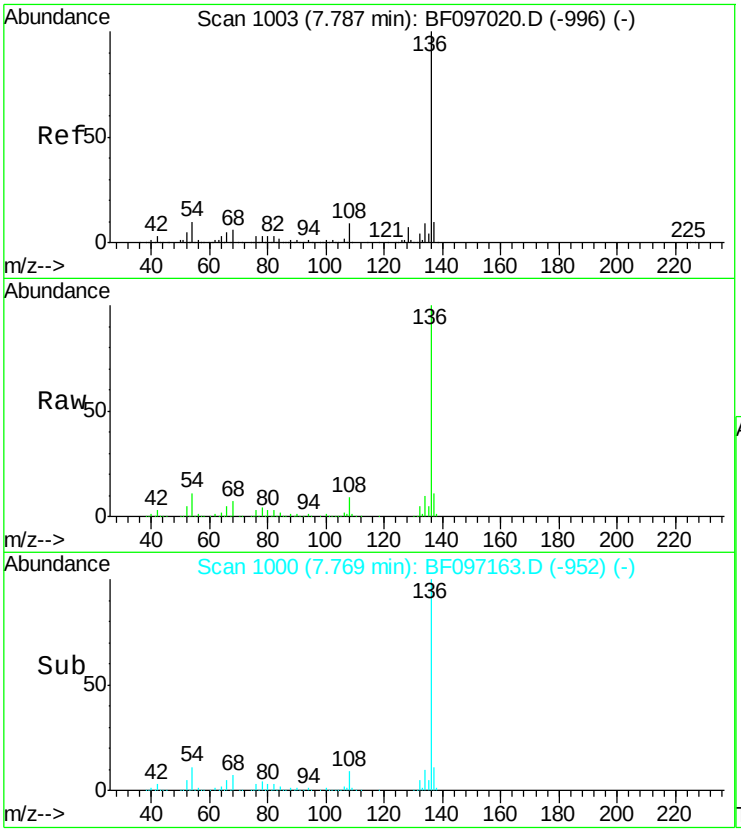


#19
n-Nitroso-di-n-propylamine
Concen: 6.31 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion: 70 Resp: 40492

Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



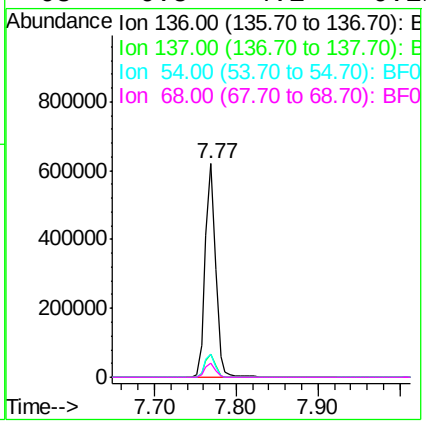


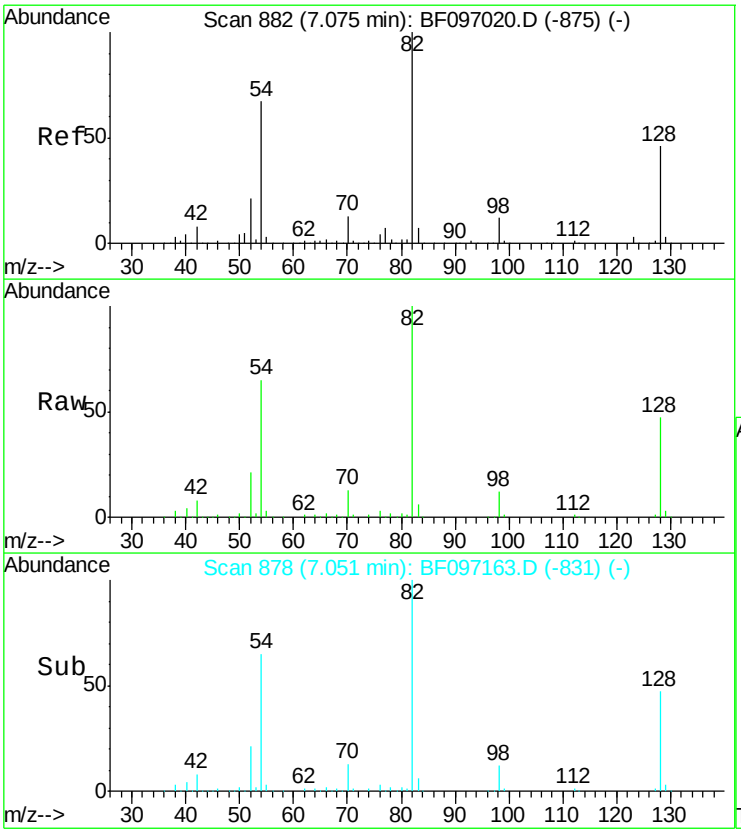
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:136 Resp: 549269

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.0	4.9	7.3#
68	6.5	4.1	6.1#

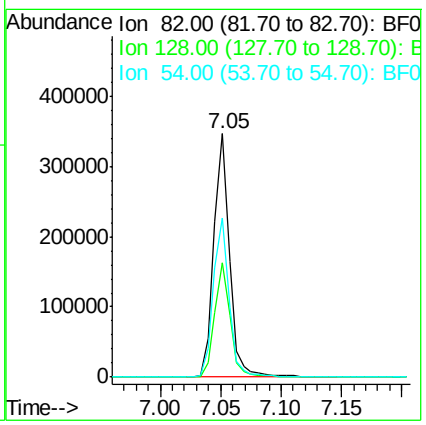


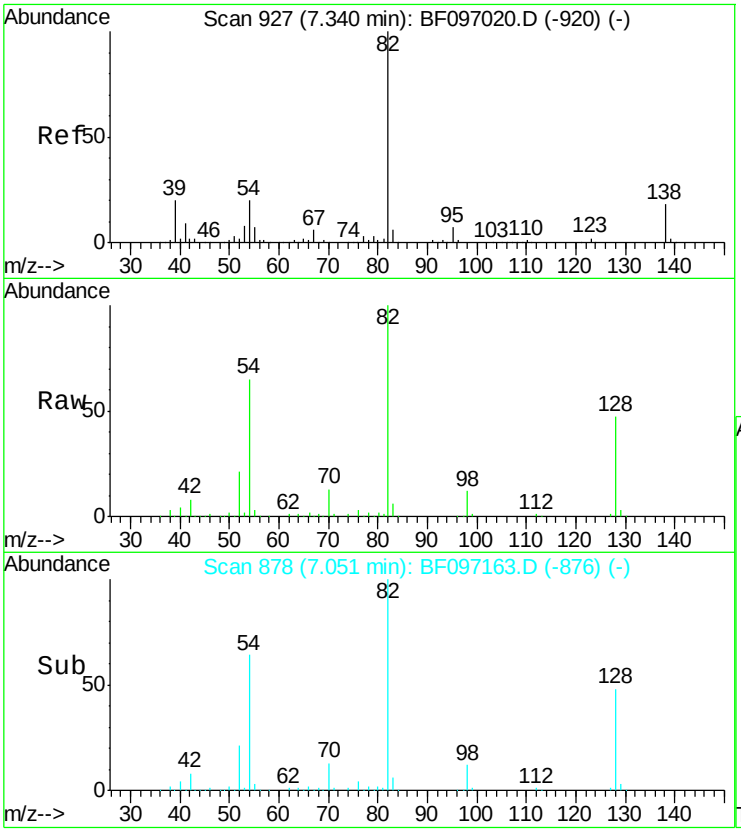


#23
Nitrobenzene-d5
Concen: 32.91 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion: 82 Resp: 308170

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	65.3	42.2	63.2#



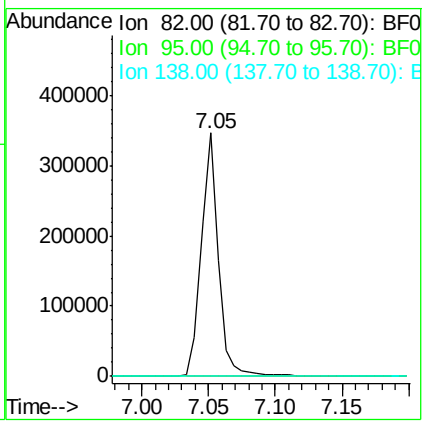


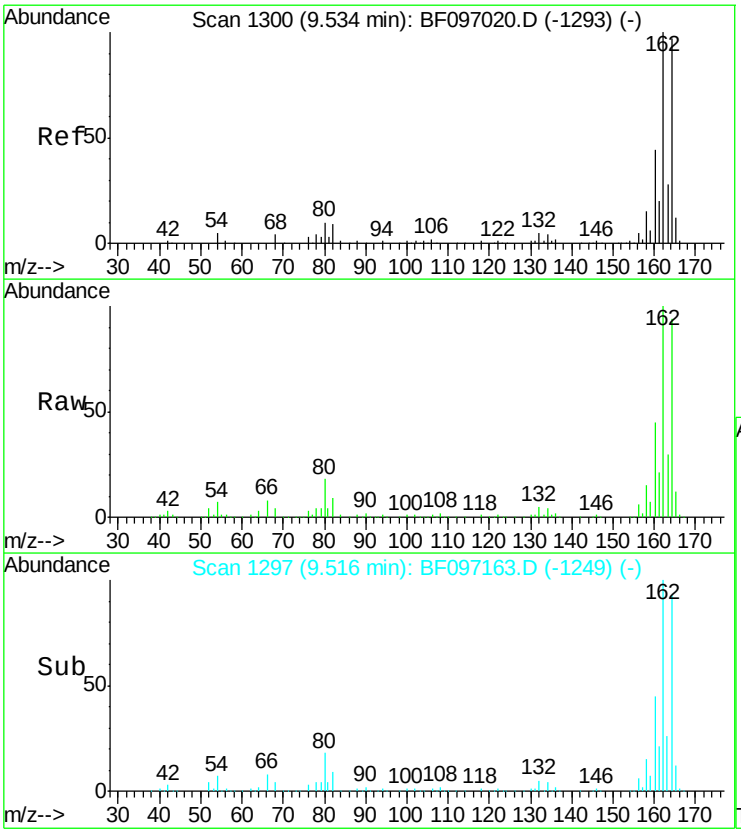
#25
Isophorone
Concen: 16.49 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion: 82 Resp: 302388

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

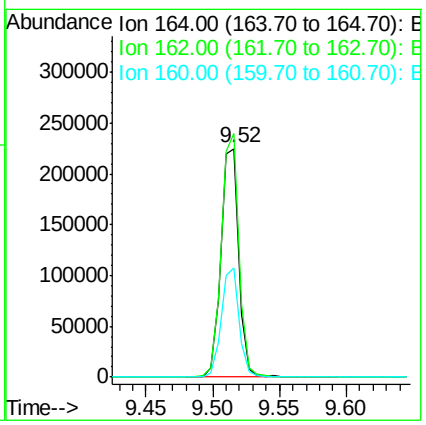


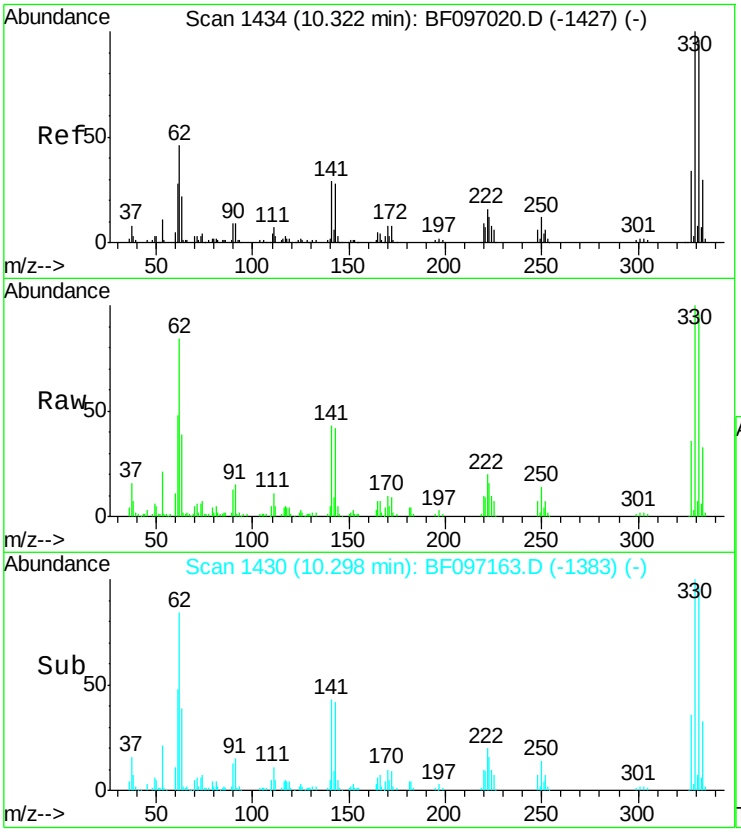


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:164 Resp: 214132

Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.6	123.8
160	47.6	36.2	54.2



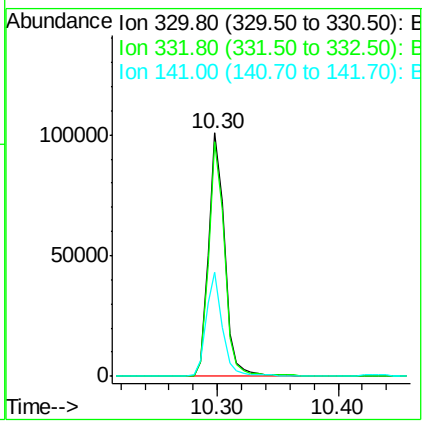


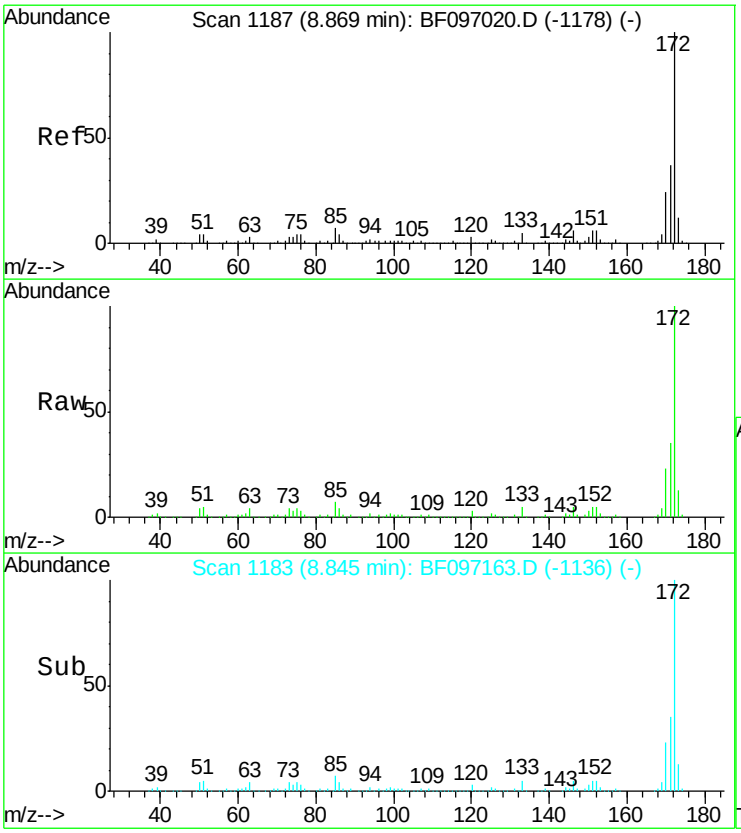
#41
2,4,6-Tribromophenol
Concen: 54.74 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:330 Resp: 92612

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	43.0	31.4	47.2

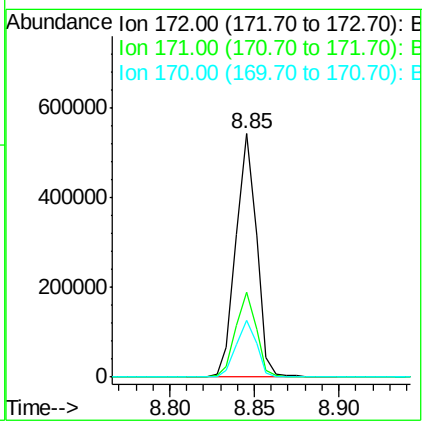


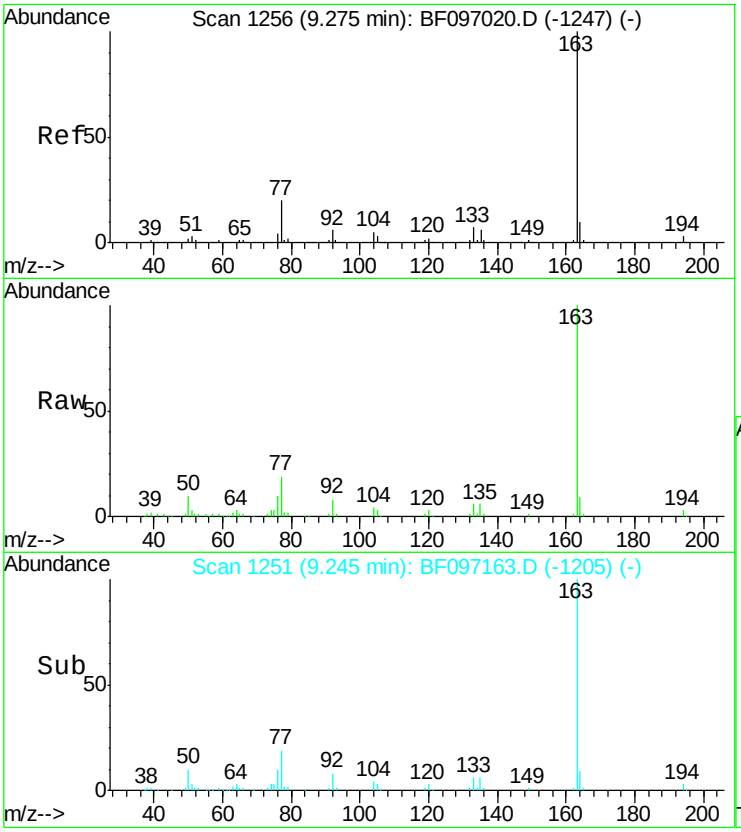


#44
2-Fluorobiphenyl
Concen: 36.71 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:172 Resp: 463227

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.3	19.8	29.8



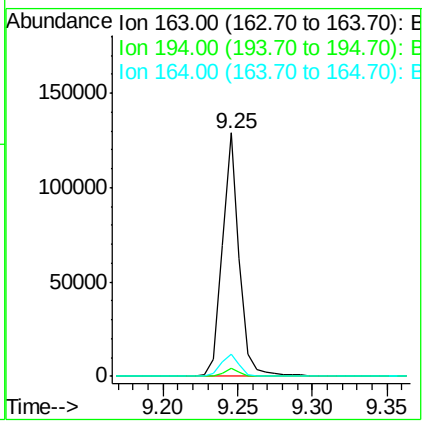


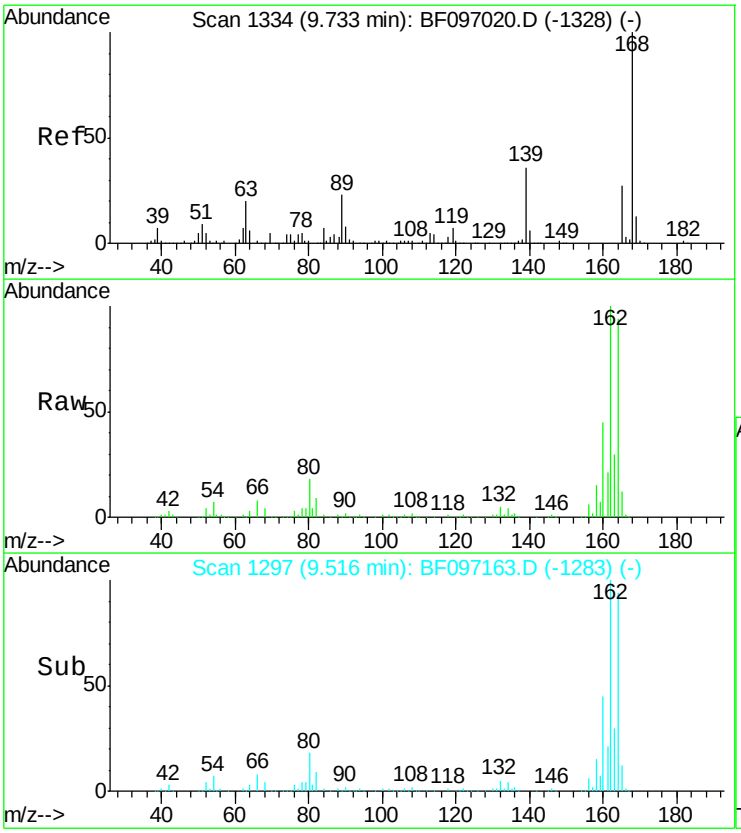
#49
Dimethylphthalate
Concen: 6.36 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:163 Resp: 103338

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.3	8.4	12.6

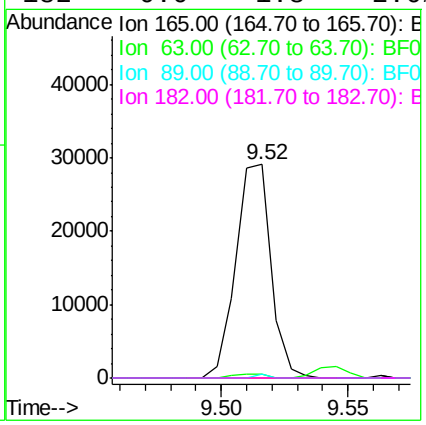


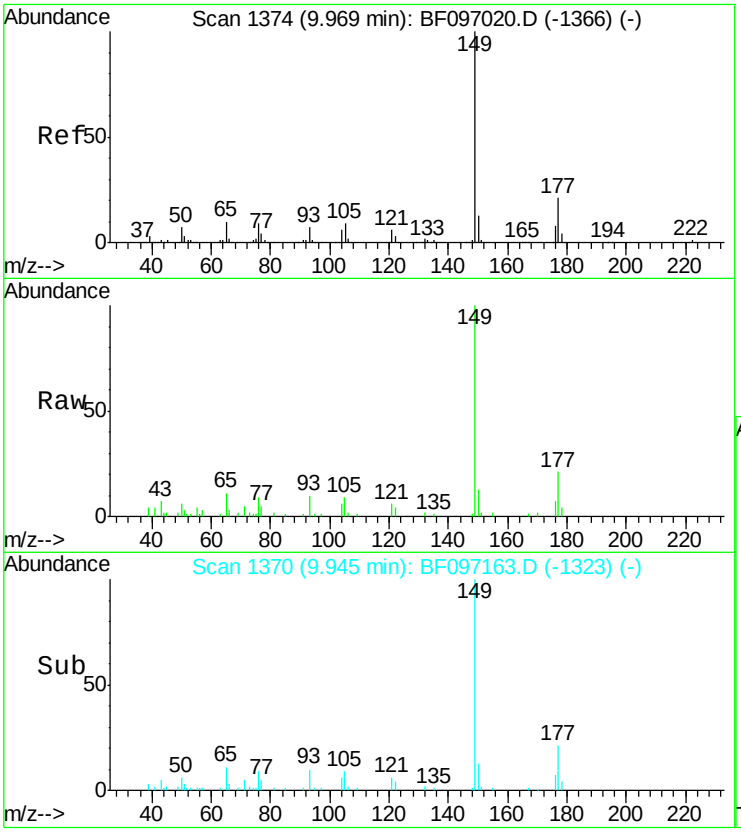


#56
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:165 Resp: 28011

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



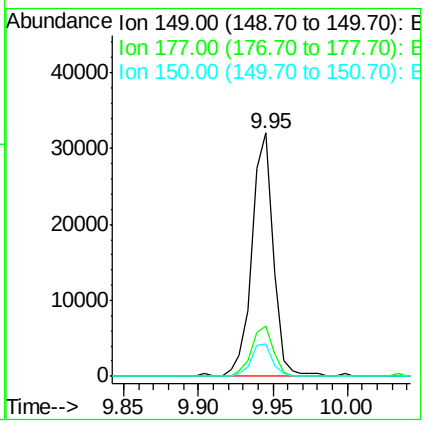


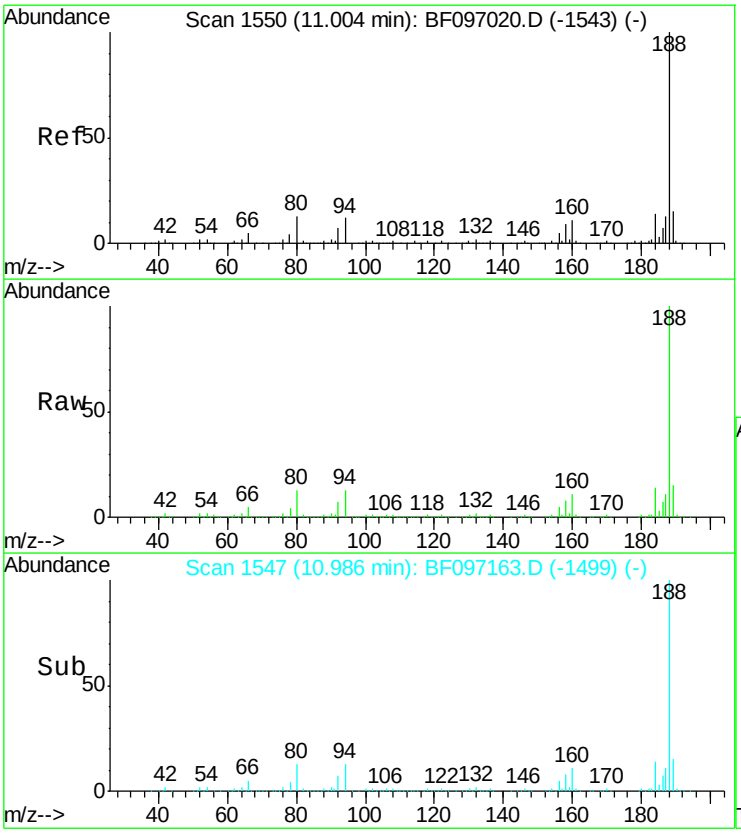
#59
Diethylphthalate
Concen: 2.12 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:149 Resp: 31650

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	13.4	10.2	15.2

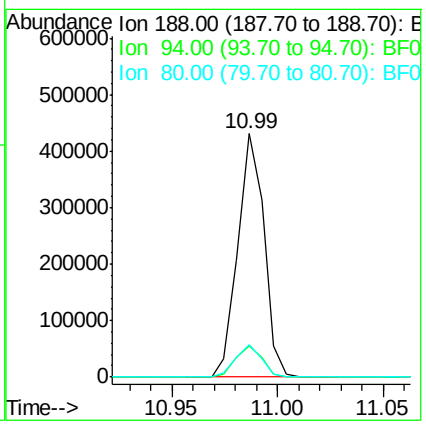


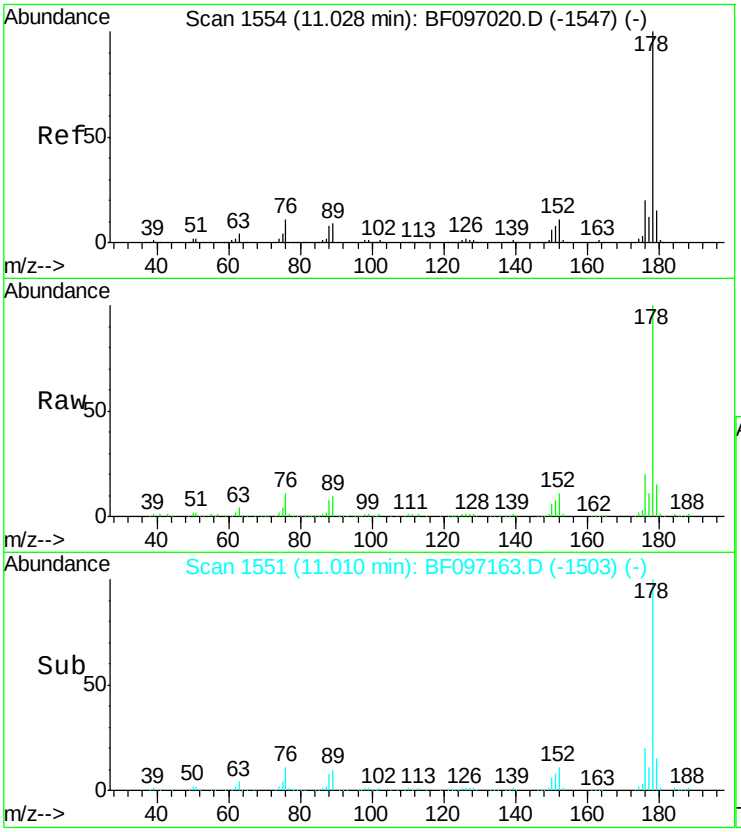


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:188 Resp: 370407

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.4	10.2	15.2



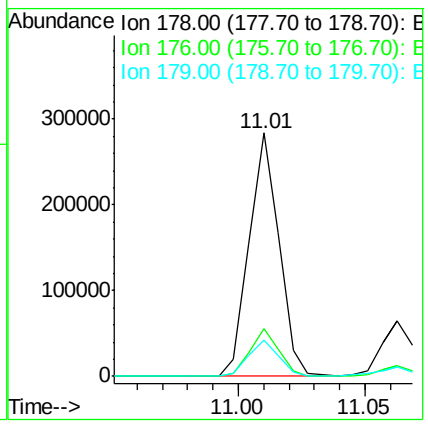


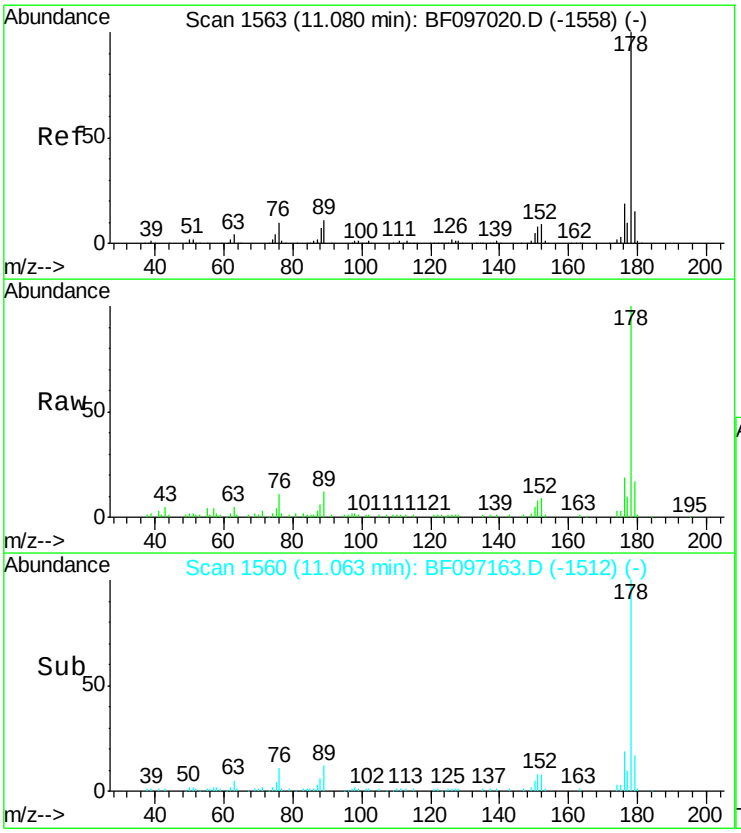
#70
Phenanthrene
Concen: 11.83 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:178 Resp: 234740

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.1	12.6	19.0

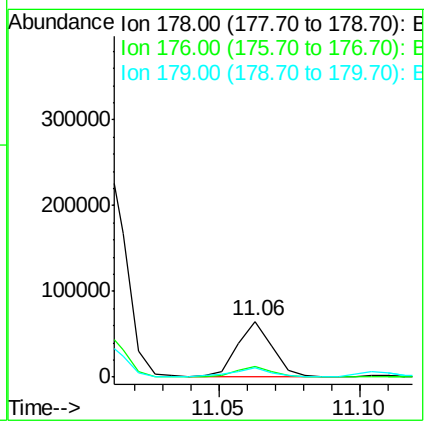


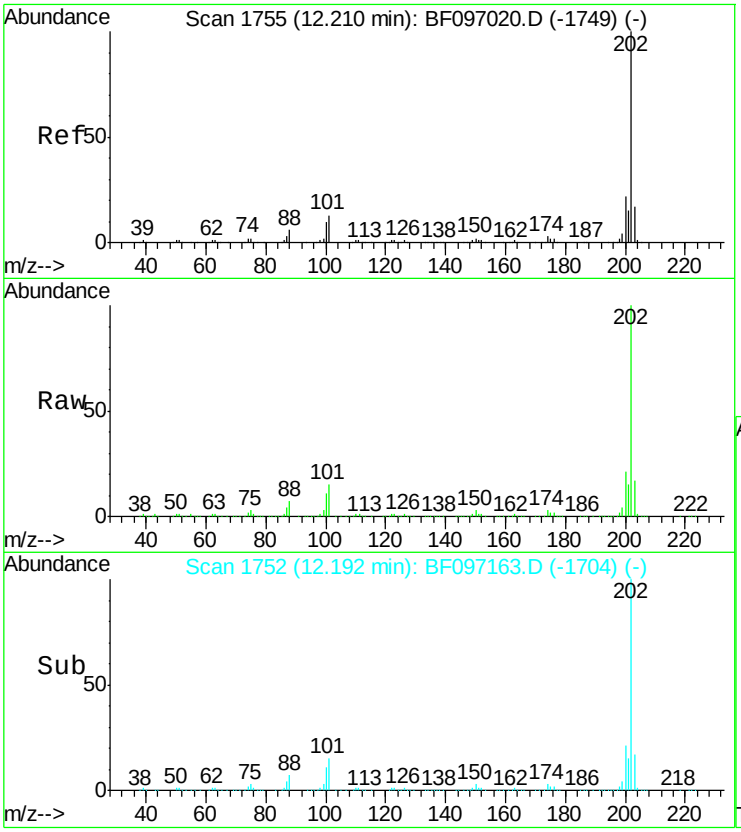


#71
Anthracene
Concen: 2.73 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:178 Resp: 55482

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	17.1	12.7	19.1



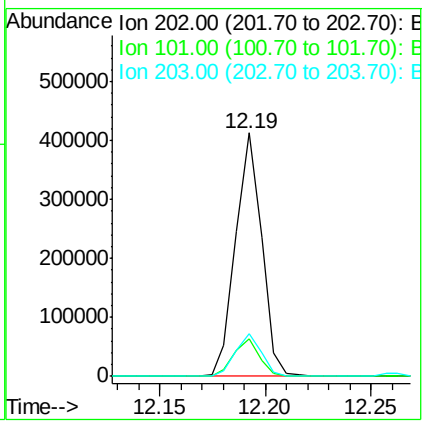


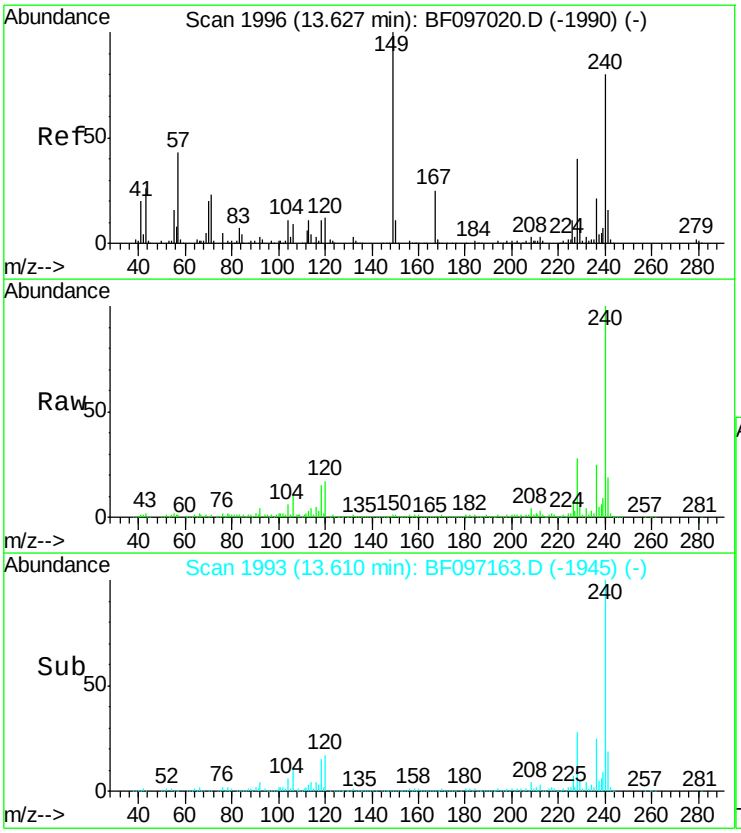
#74
Fluoranthene
Concen: 18.07 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:202 Resp: 351382

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.2
203	17.4	0.0	38.1

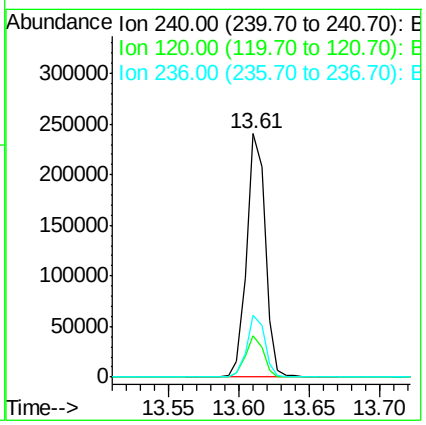


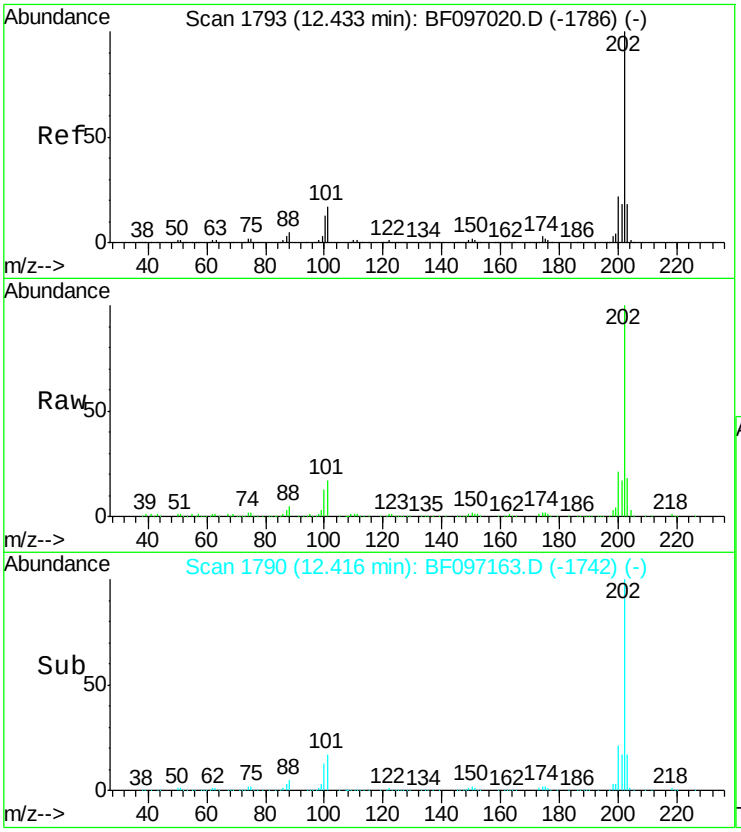


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:240 Resp: 223481

Ion	Ratio	Lower	Upper
240	100		
120	17.2	5.8	8.8#
236	25.4	20.5	30.7



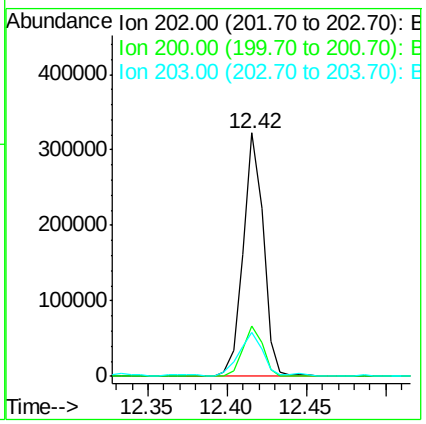


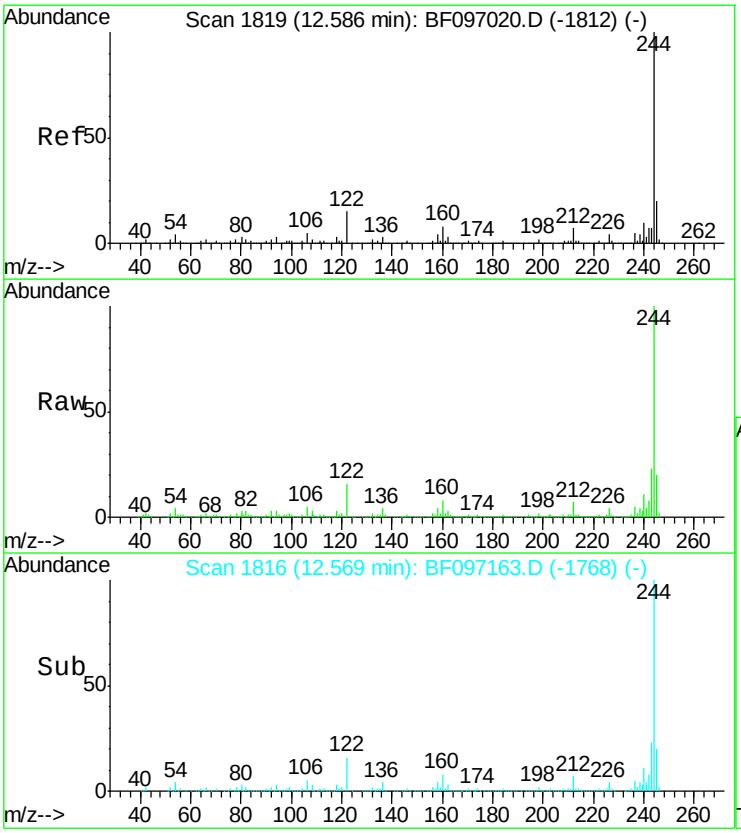
#77
Pyrene
Concen: 15.50 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:202 Resp: 283543

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.8	14.4	21.6

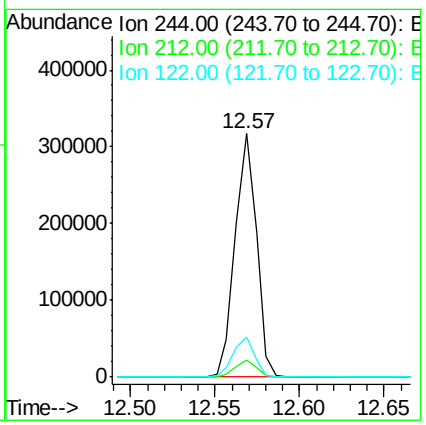


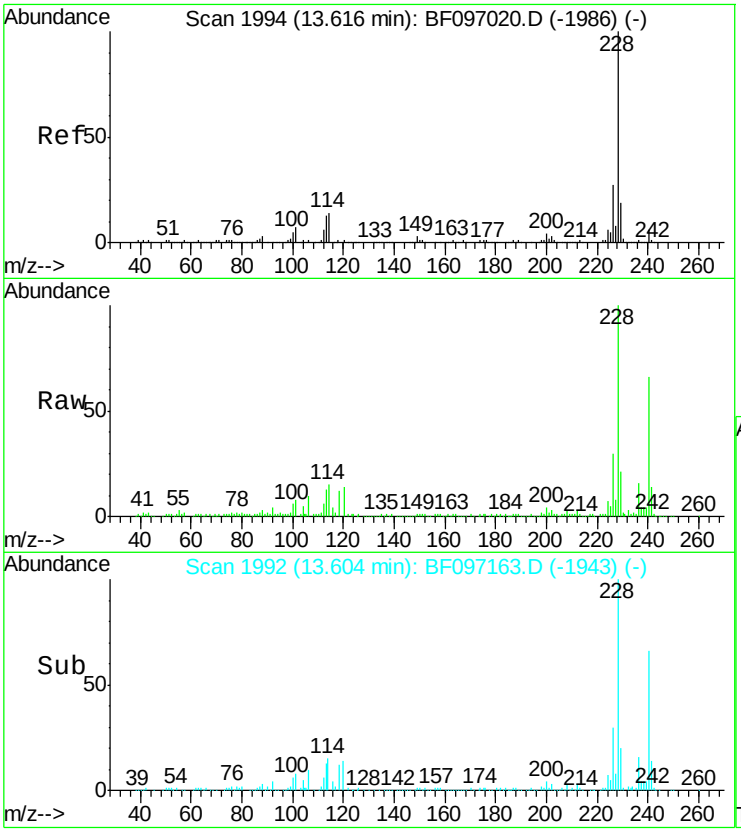


#78
Terphenyl-d14
Concen: 25.50 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:244 Resp: 279552

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	16.5	10.3	15.5#



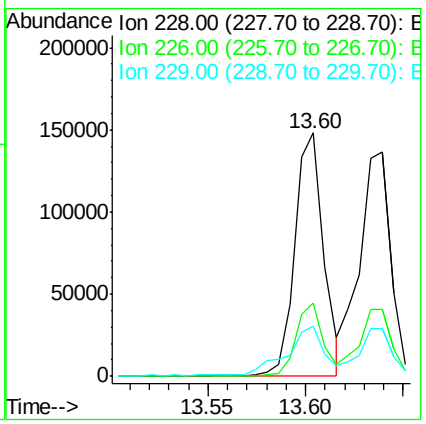


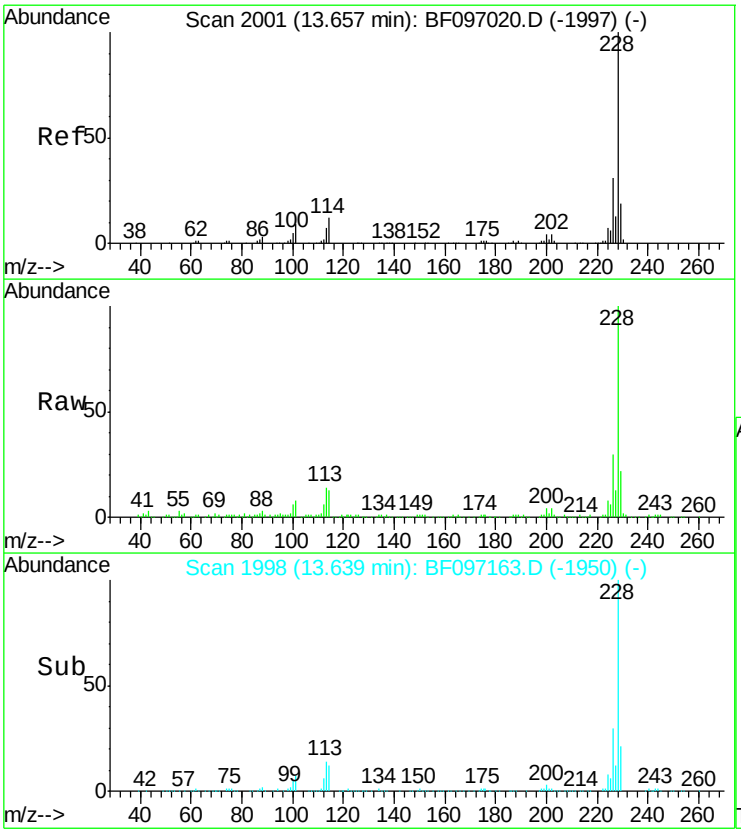
#80
Benzo(a)anthracene
Concen: 10.50 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:228 Resp: 151849

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.9	16.3	24.5

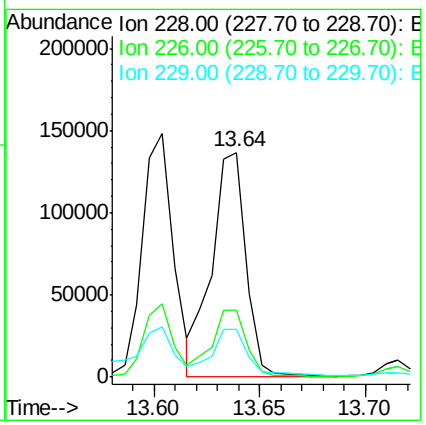


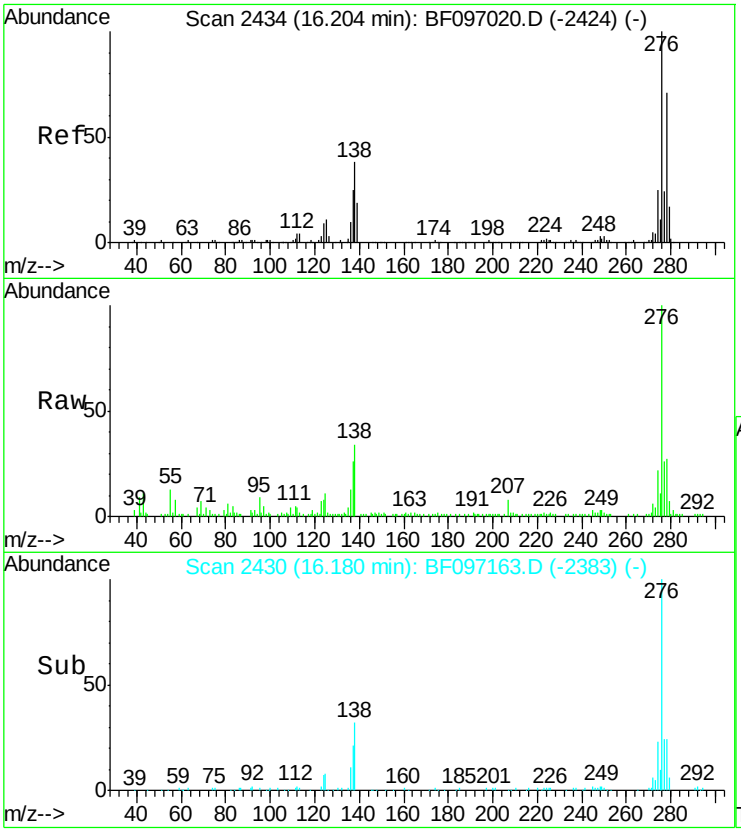


#82
Chrysene
Concen: 10.78 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:228 Resp: 152142

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.5	15.8	23.6



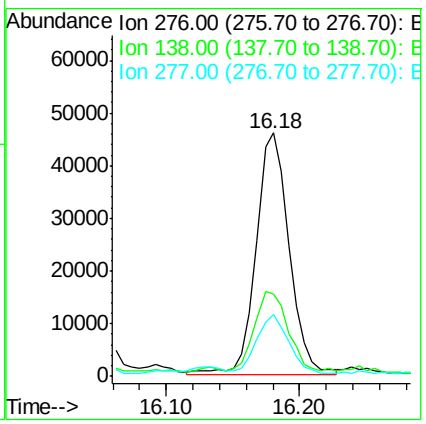


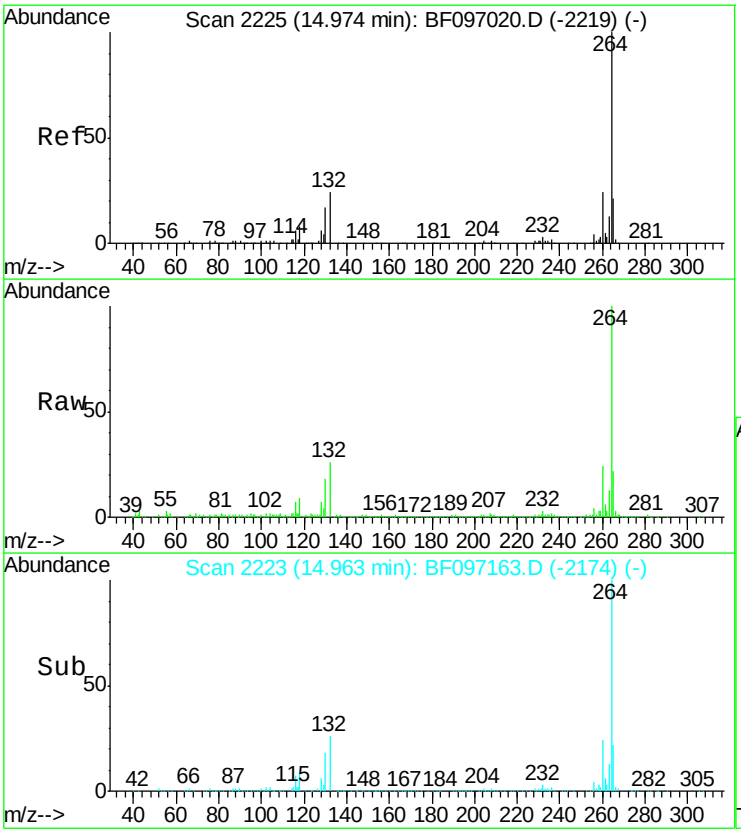
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.46 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:276 Resp: 78155

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	23.8	20.2	30.4

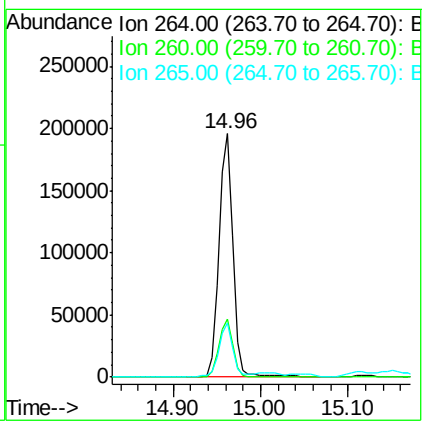


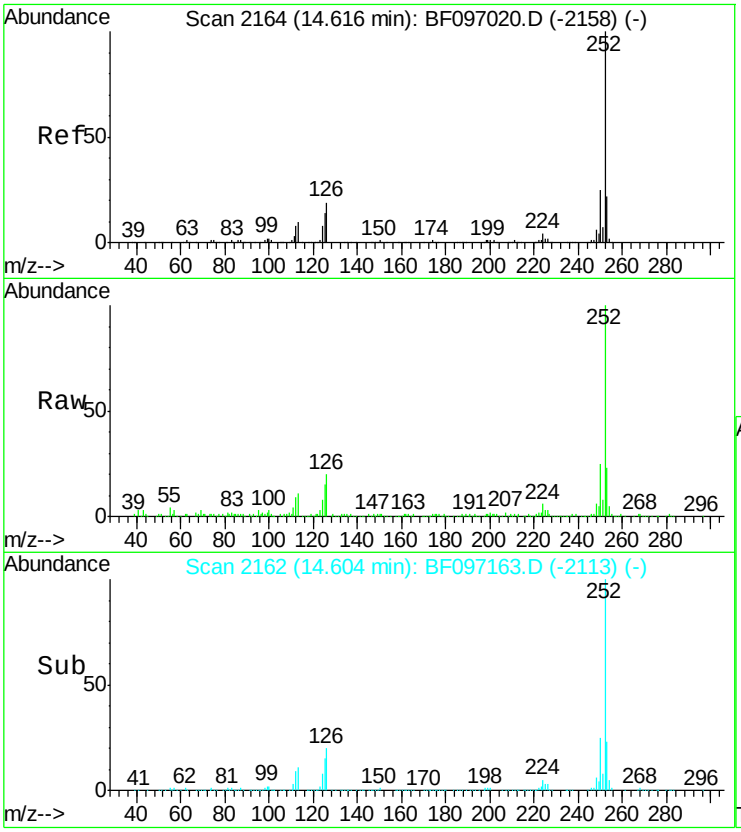


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:264 Resp: 218500

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	17.2	25.8



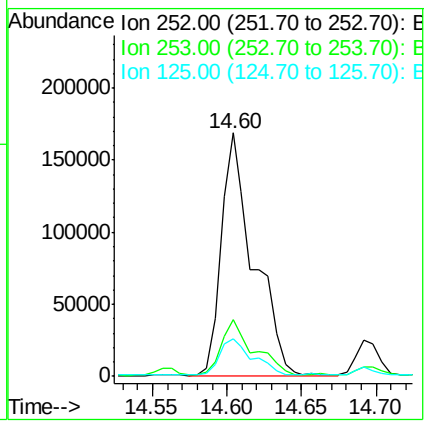


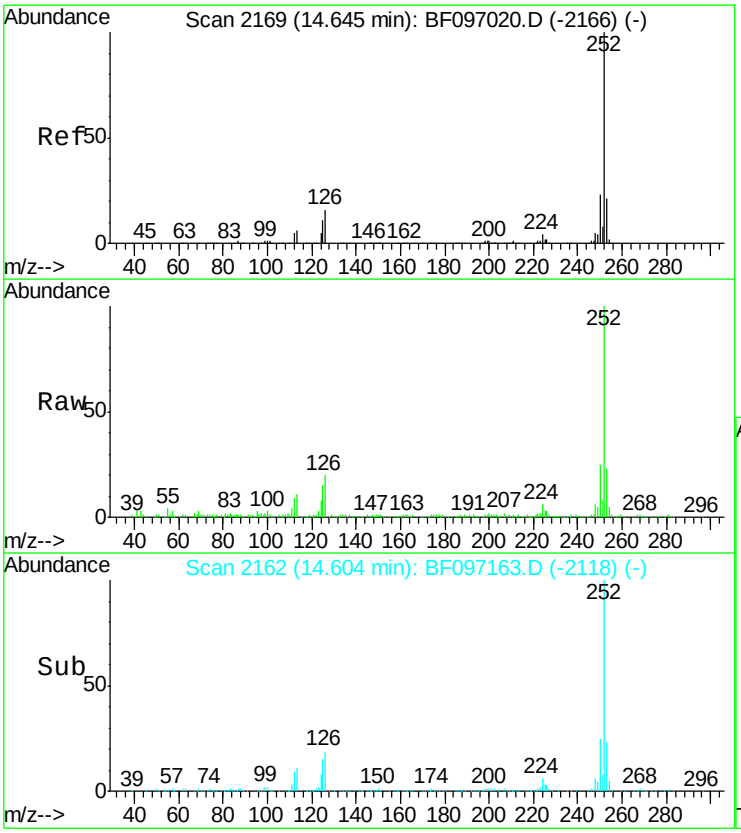
#87
Benzo(b)fluoranthene
Concen: 19.45 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:252 Resp: 255511

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	15.4	9.8	14.8#

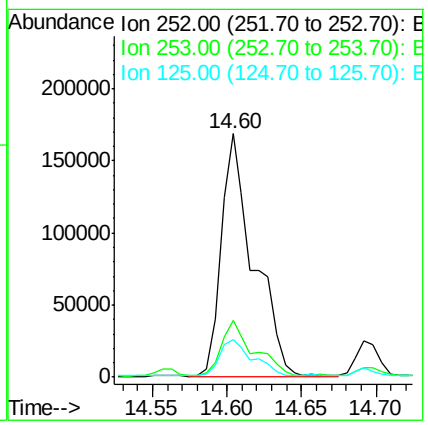


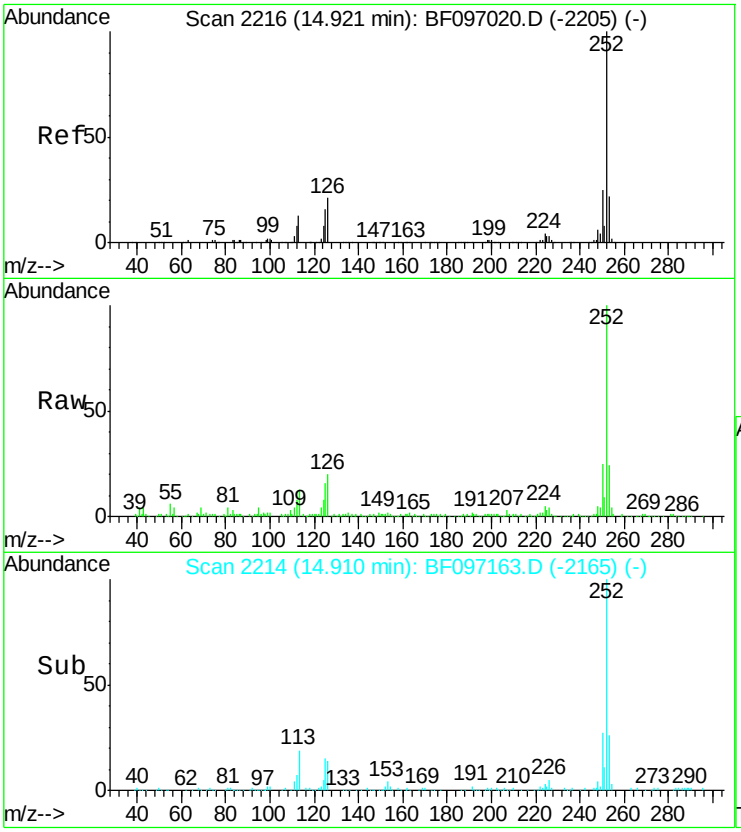


#88
Benzo(k)fluoranthene
Concen: 20.41 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:252 Resp: 255511

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	15.4	13.1	19.7



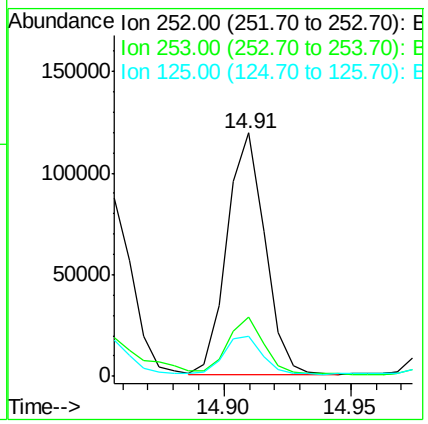


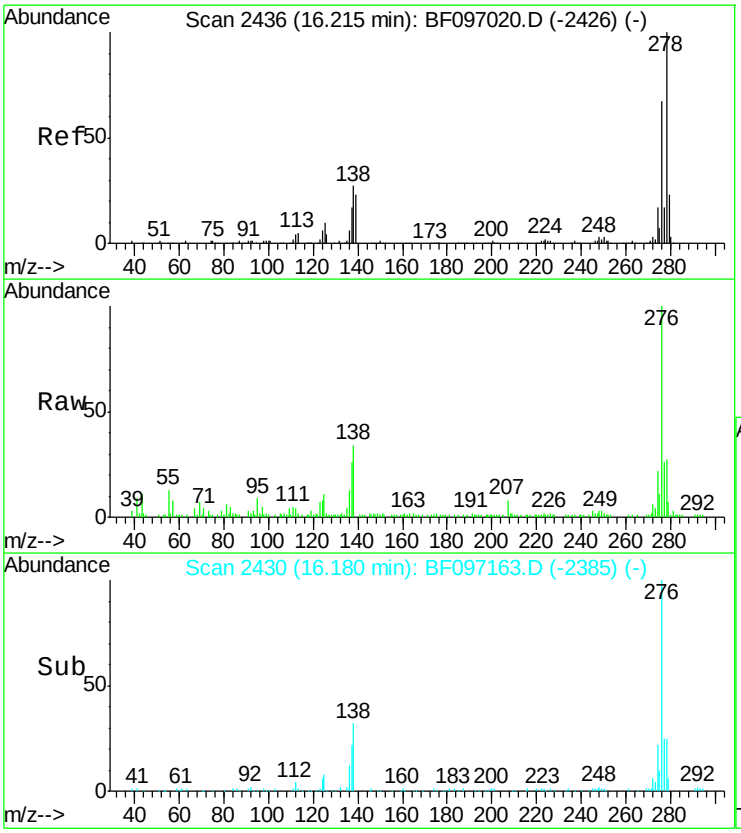
#89
Benzo(a)pyrene
Concen: 10.36 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:252 Resp: 124530

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	16.4	11.0	16.4

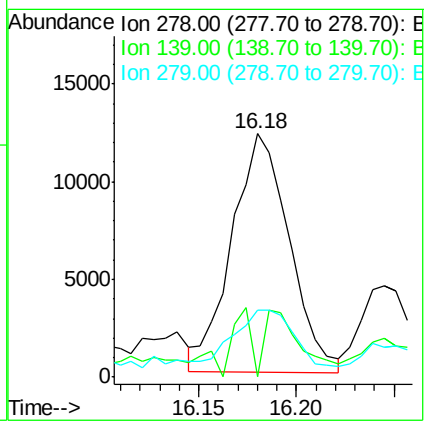


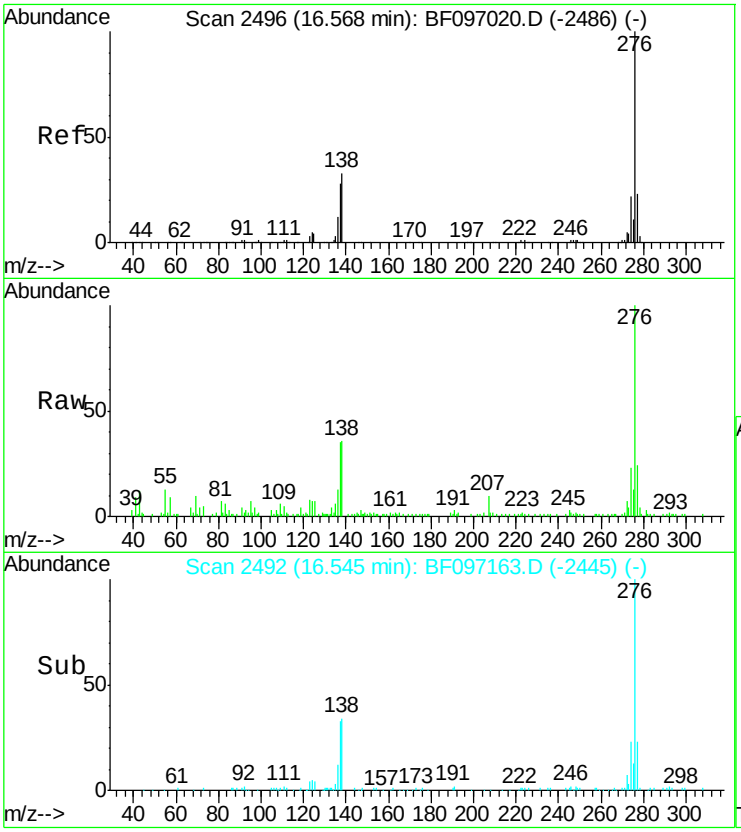


#90
Dibenzo(a,h)anthracene
Concen: 2.54 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.04 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion:278 Resp: 25029

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	27.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 6.70 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tgt Ion:276 Resp: 69228

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	36.1	25.4	38.0