Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098287.D
Acq On : 6 Sep 2017 22:02
Operator : SJ/JU
Sample : I5093-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-090117-C

Quant Time: Sep 07 03:40:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99211	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	382286	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	152513	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	242273	20.00	ng		0.00
75) Chrysene-d12	13.84	240	223533	20.00	ng		-0.02
86) Perylene-d12	15.26	264	163209	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	649999	99.66	ng		0.00
7) Phenol-d6	6.35	99	872361	98.44	ng		0.00
23) Nitrobenzene-d5	7.26	82	523714	74.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	124316	93.94	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	757939	73.01	ng		-0.01
78) Terphenyl-d14	12.80	244	520439	48.55	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	68855	11.35	ng	#	69
25) Isophorone	7.26	82	517803	35.39	ng	#	67
49) Dimethylphthalate	9.45	163	32612	2.93	ng		99
50) 2,6-Dinitrotoluene	9.73	165	18790	8.44	ng	#	34
56) 2,4-Dinitrotoluene	9.73	165	18790	6.73	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.52	198	315	8.55	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	7839	3.12	ng	#	1
70) Phenanthrene	11.23	178	40118	3.11	ng		96
74) Fluoranthene	12.42	202	93146	6.91	ng		99
77) Pyrene	12.65	202	103098	5.64	ng		98
80) Benzo(a)anthracene	13.84	228	54266	4.05	ng		95
82) Chrysene	13.87	228	50522	3.79	ng		97
87) Benzo(b)fluoranthene	14.86	252	67778	6.59	ng	#	91
88) Benzo(k)fluoranthene	14.86	252	67778	7.01	ng		96
89) Benzo(a)pyrene	15.20	252	34478	3.79	ng		94
91) Benzo(g,h,i)perylene	17.02	276	19554	2.53	ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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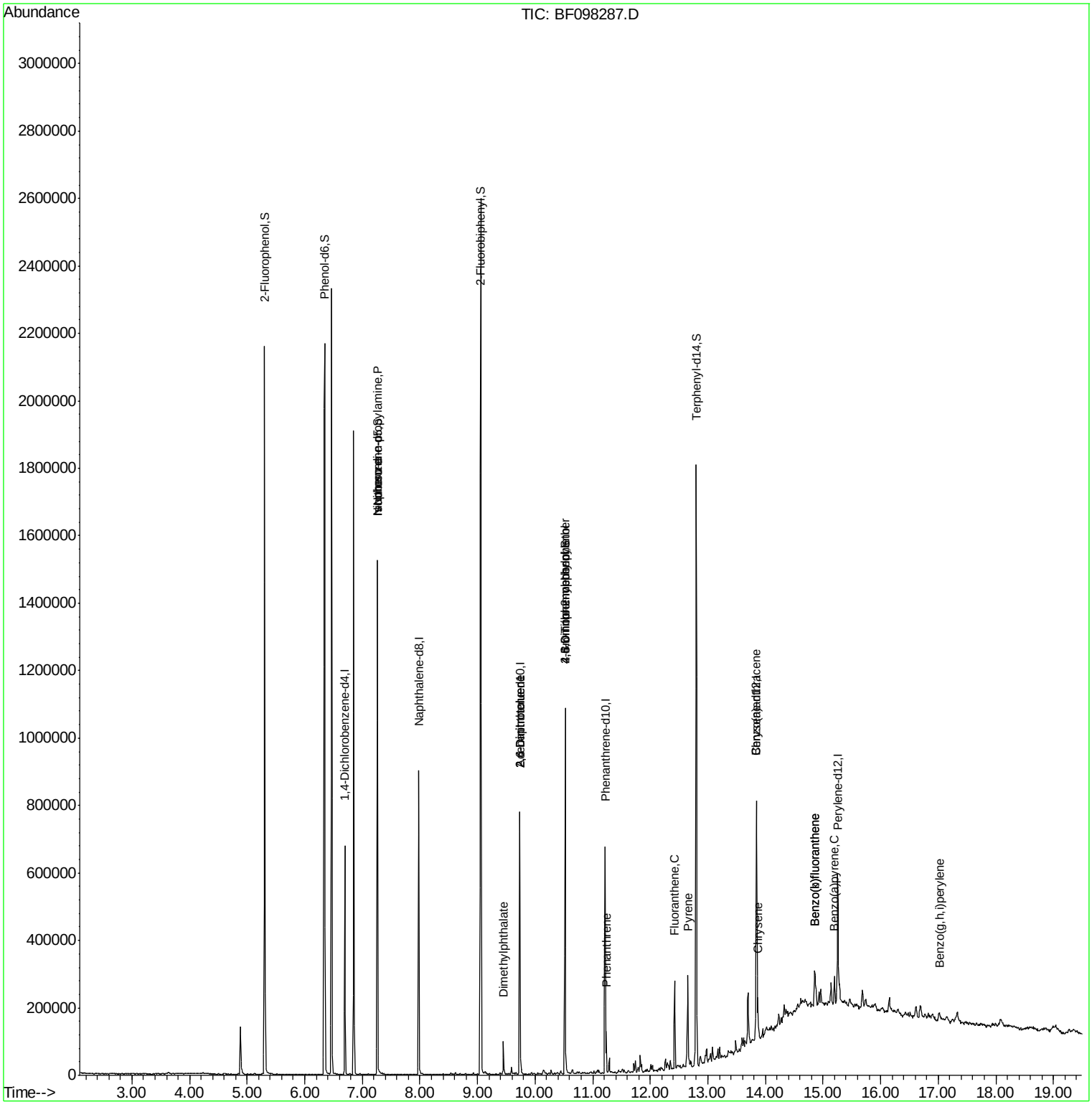
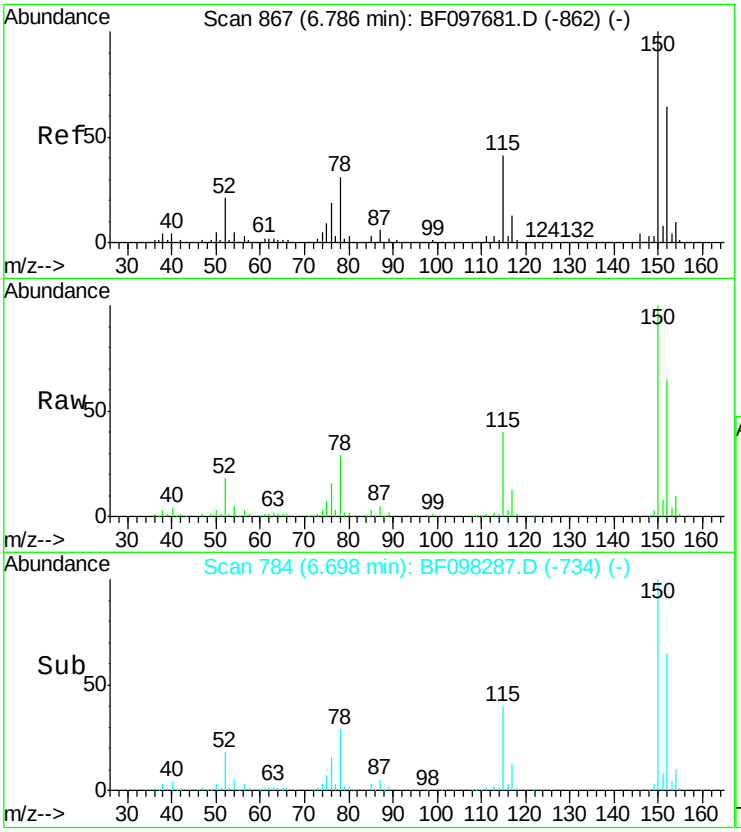


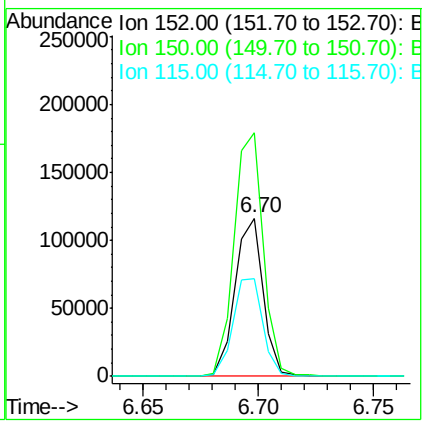


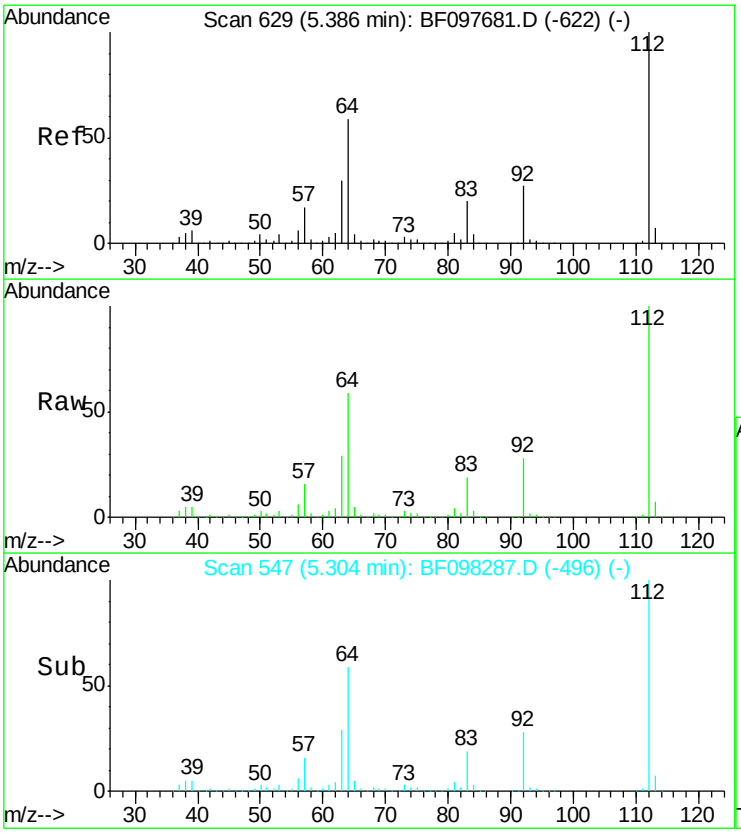
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:152 Resp: 99211

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	61.9	52.2	78.2

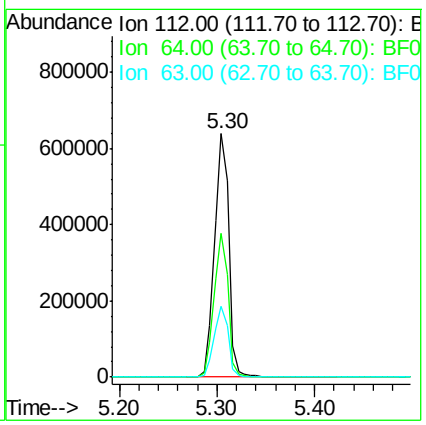


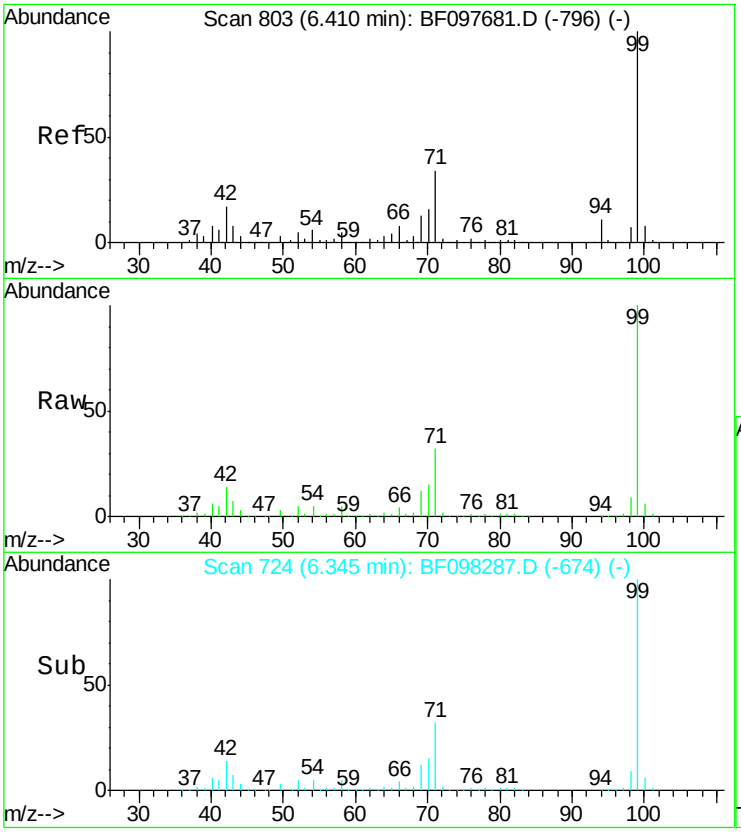


#5
2-Fluorophenol
Concen: 99.66 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:112 Resp: 649999

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	29.3	23.4	35.0



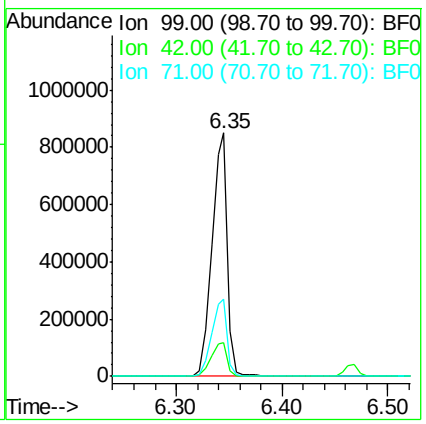


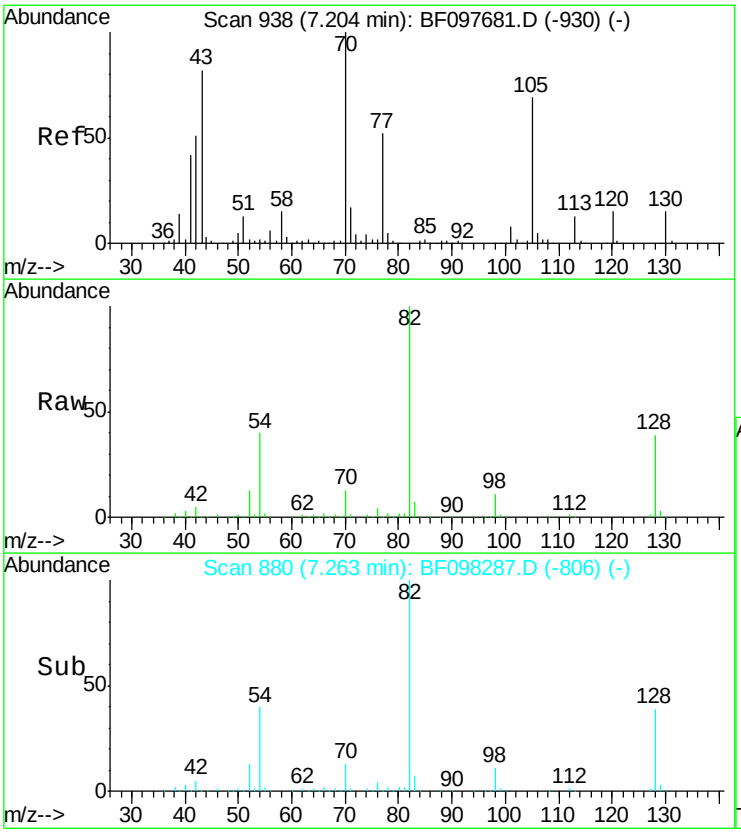
#7
Phenol-d6
Concen: 98.44 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion: 99 Resp: 872361

Ion	Ratio	Lower	Upper
99	100		
42	13.7	13.5	20.3
71	31.6	24.5	36.7

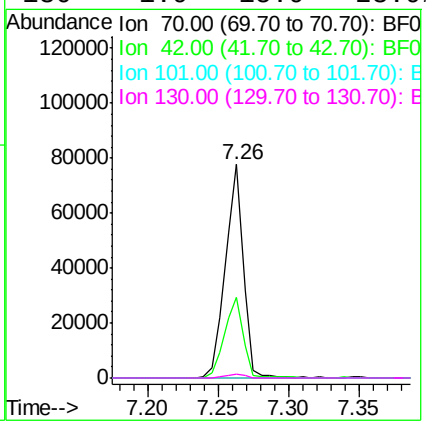


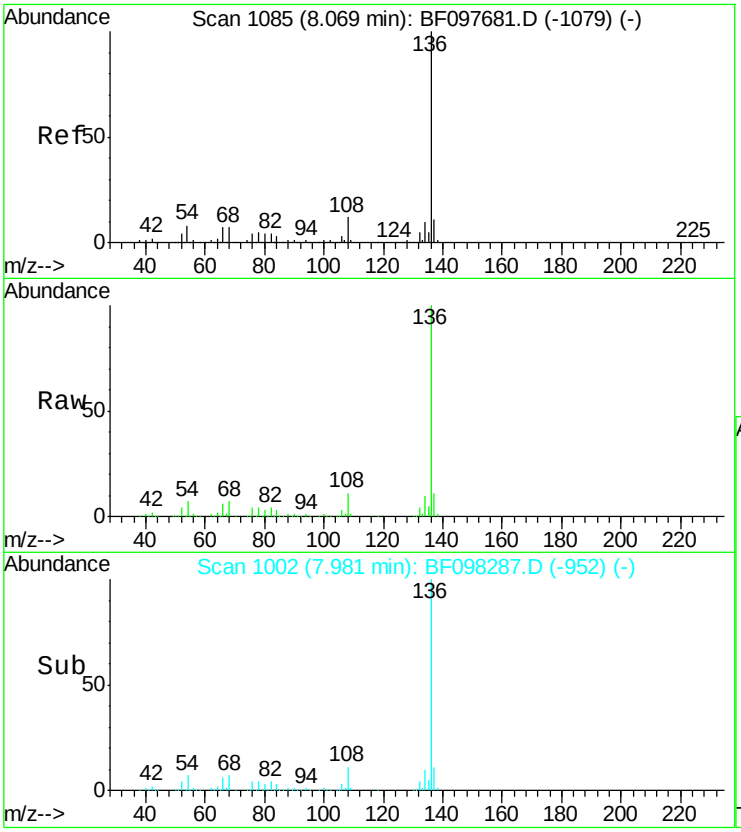


#19
n-Nitroso-di-n-propylamine
Concen: 11.35 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion: 70 Resp: 68855

Ion	Ratio	Lower	Upper
70	100		
42	37.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



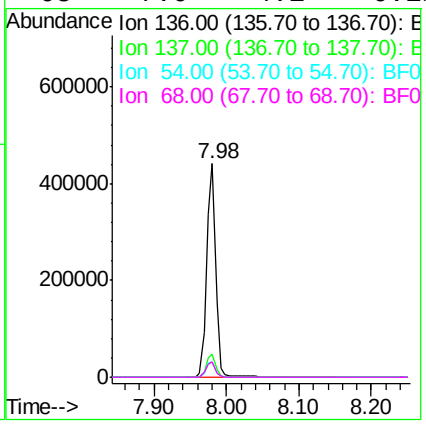


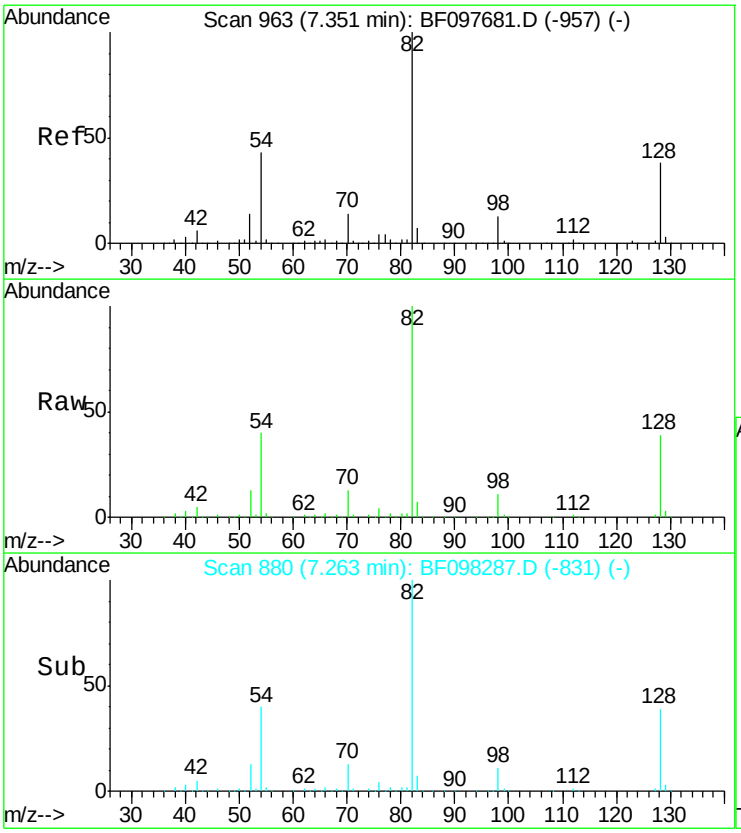
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:136 Resp: 382286

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.2	4.9	7.3
68	7.0	4.1	6.1#

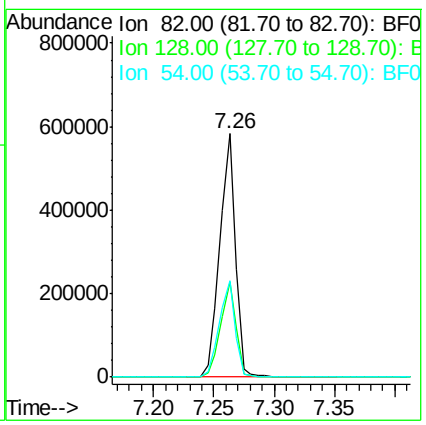


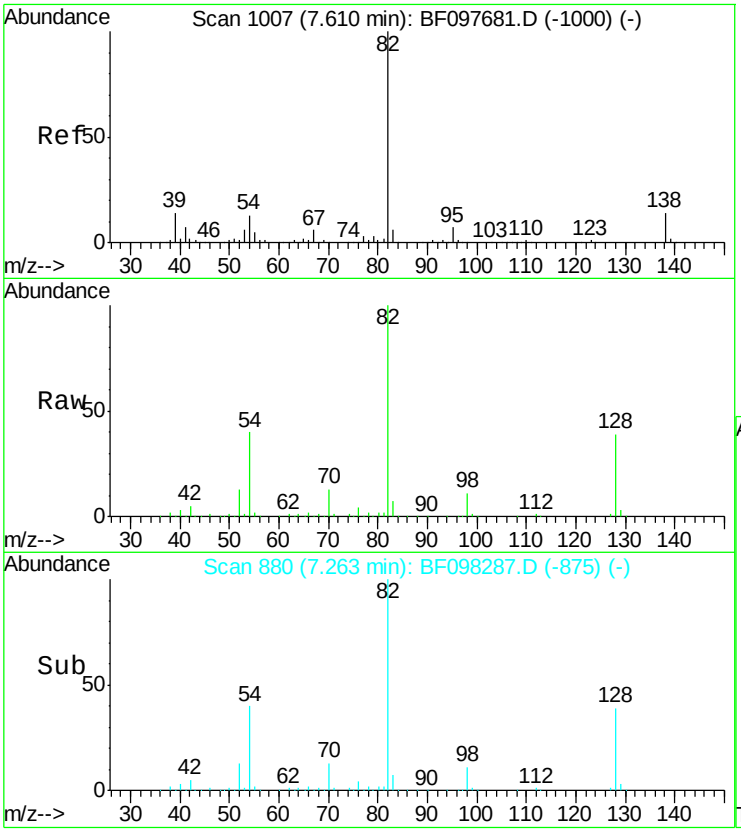


#23
Nitrobenzene-d5
Concen: 74.42 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion: 82 Resp: 523714

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.0	51.0
54	39.7	42.2	63.2#



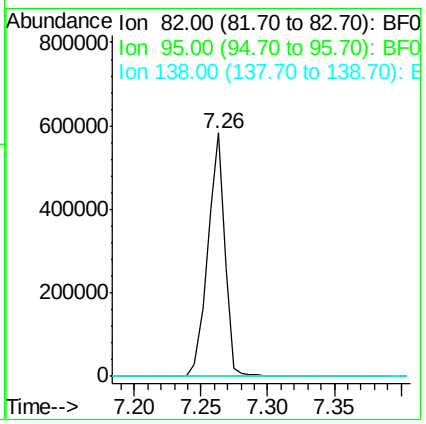


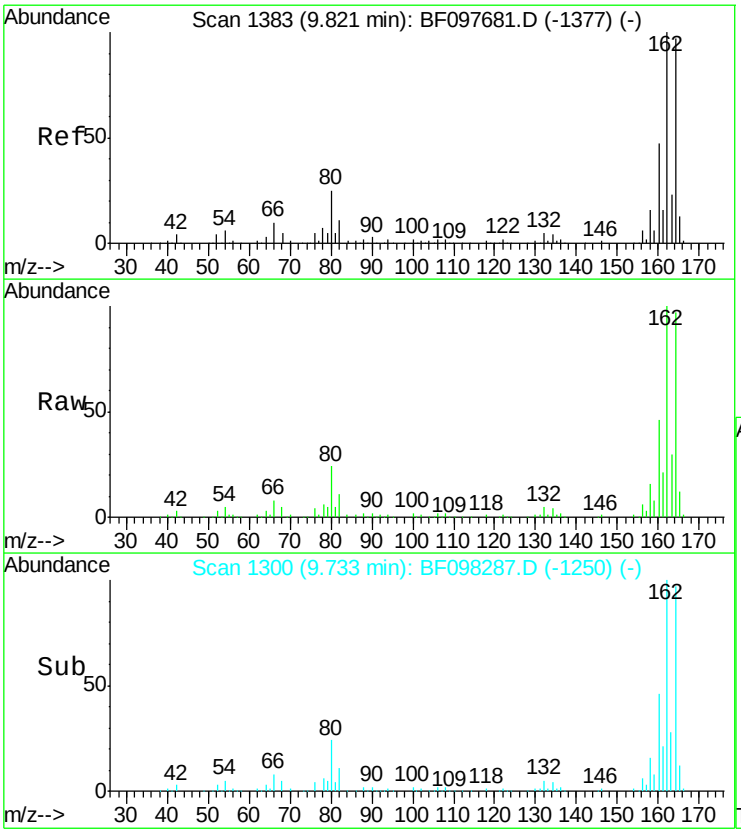
#25
Isophorone
Concen: 35.39 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion: 82 Resp: 517803

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

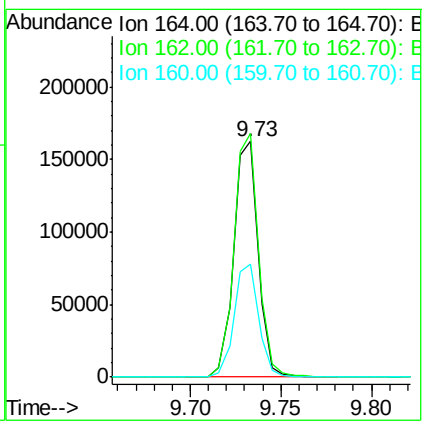


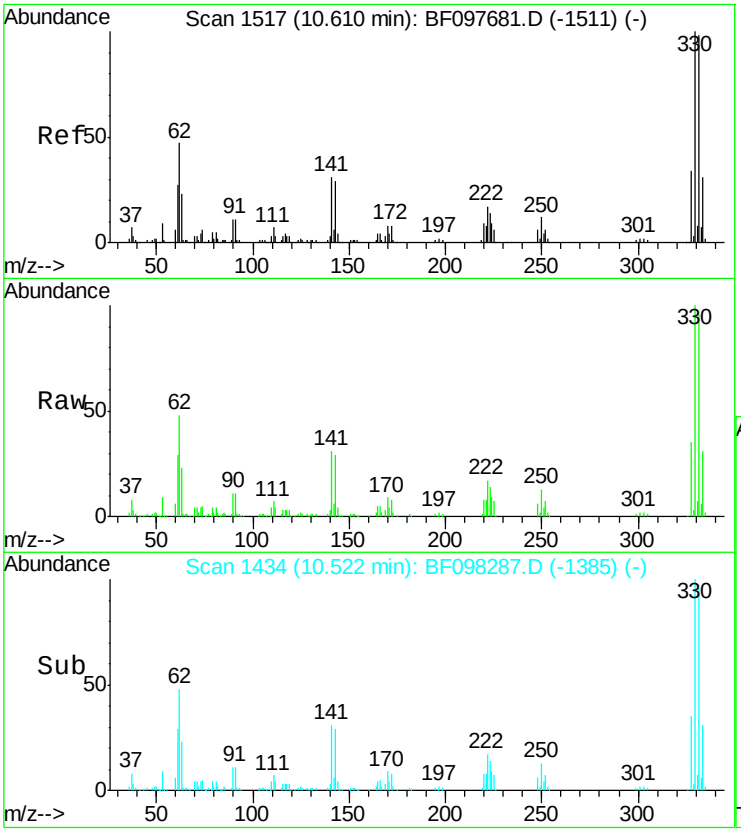


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:164 Resp: 152513

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	47.9	36.2	54.2



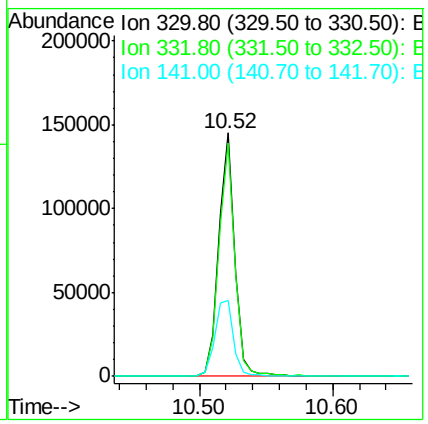


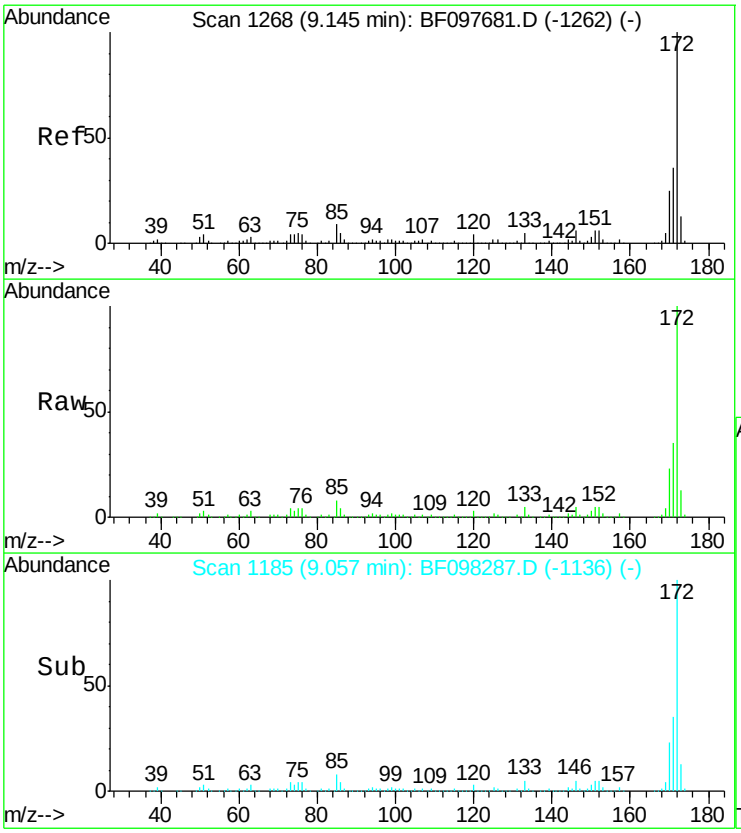
#41
2,4,6-Tribromophenol
Concen: 93.94 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:330 Resp: 124316

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	36.7	31.4	47.2

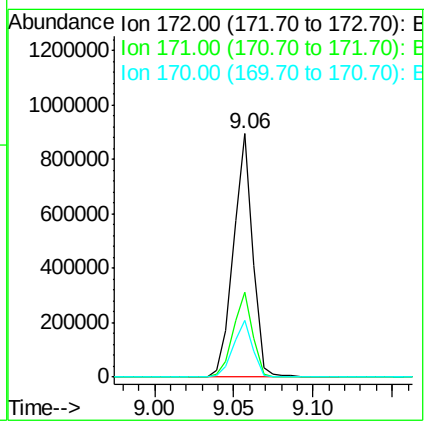


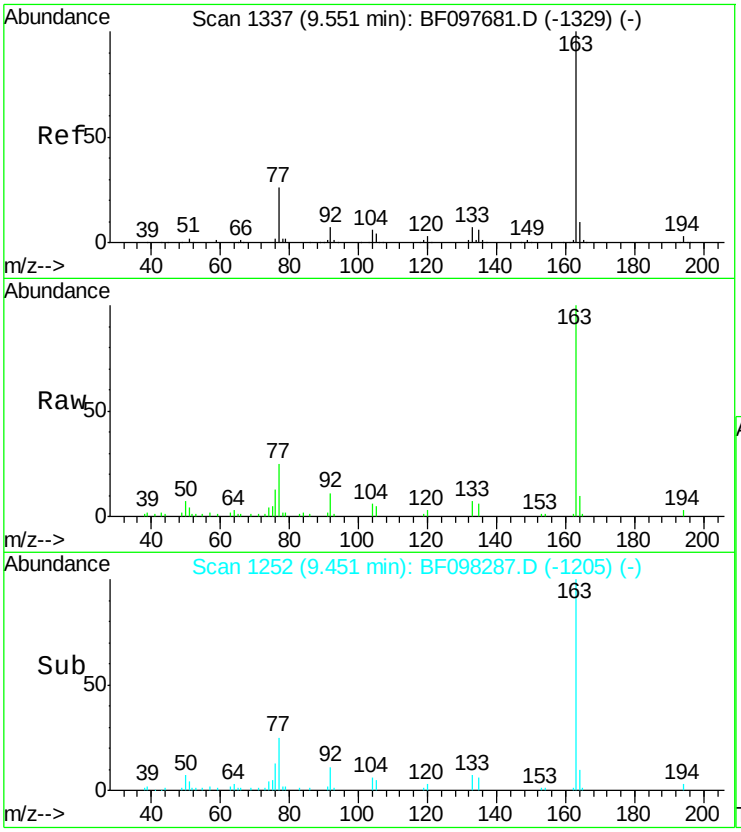


#44
2-Fluorobiphenyl
Concen: 73.01 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:172 Resp: 757939

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.5	19.8	29.8



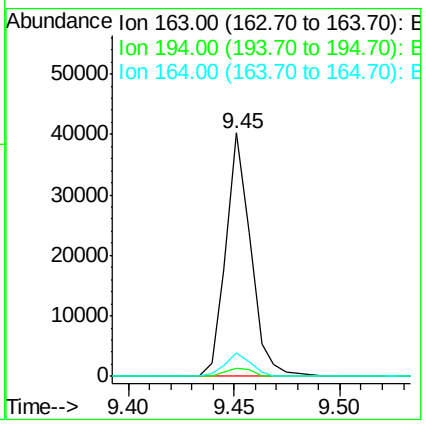


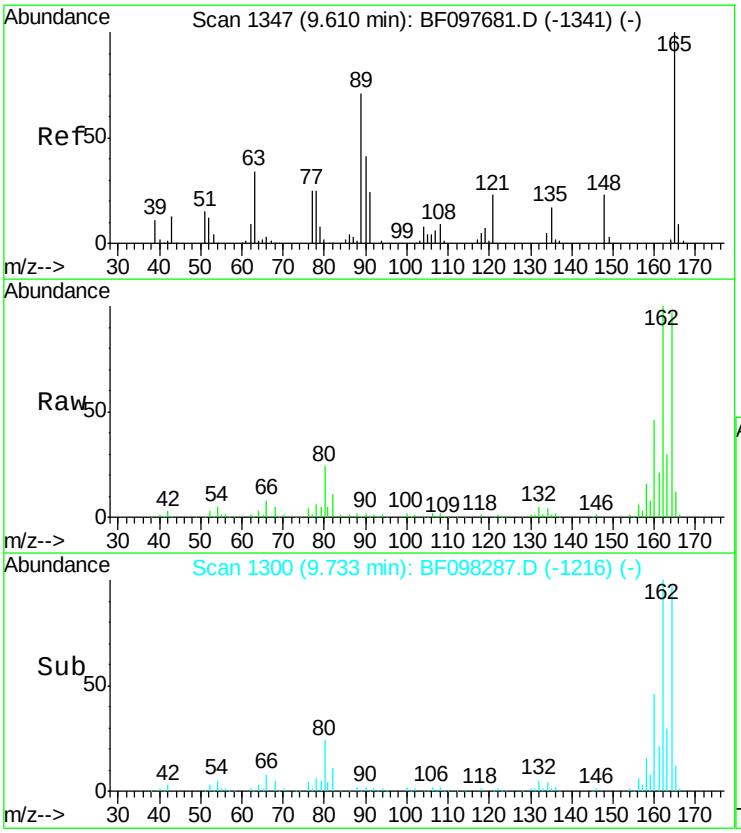
#49
Dimethylphthalate
Concen: 2.93 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:163 Resp: 32612

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6

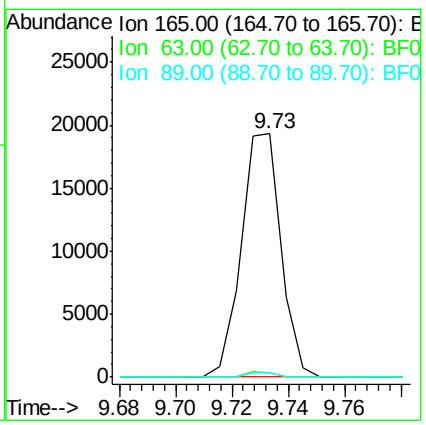


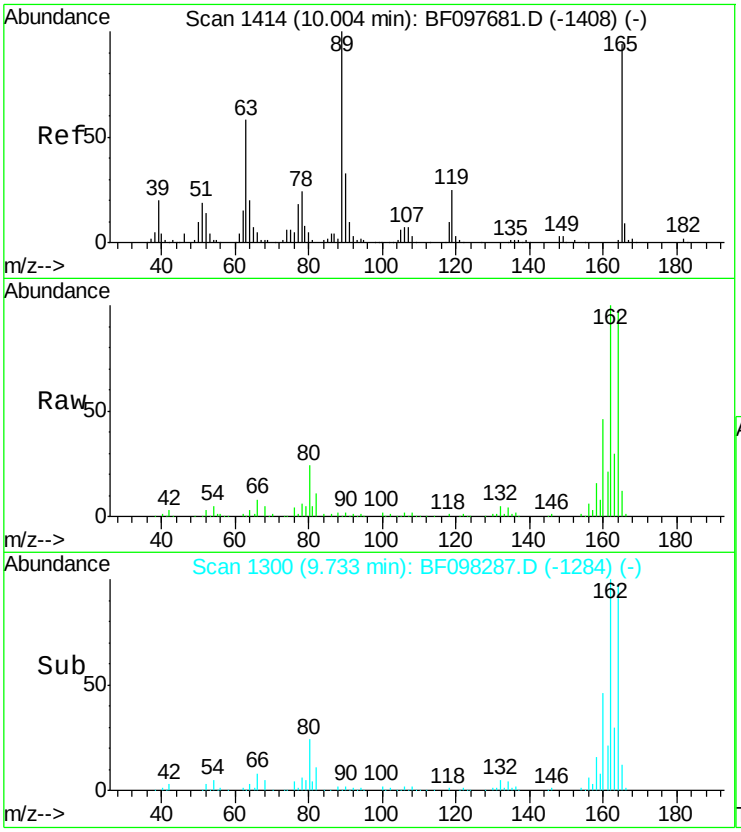


#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:165 Resp: 18790

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	2.0	37.1	55.7#



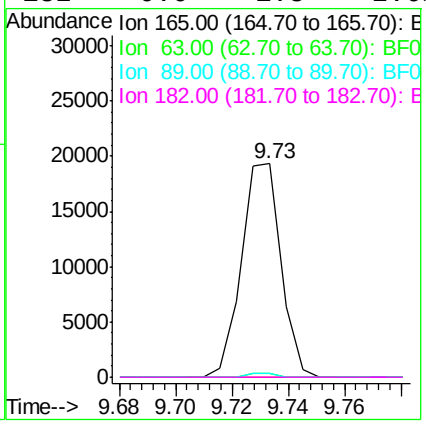


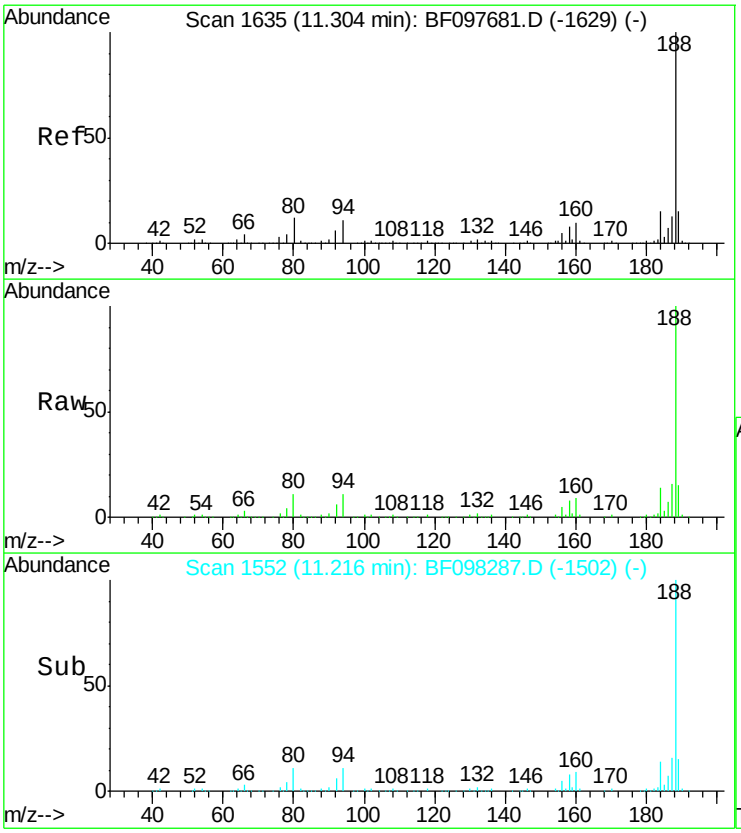
#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:165 Resp: 18790

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

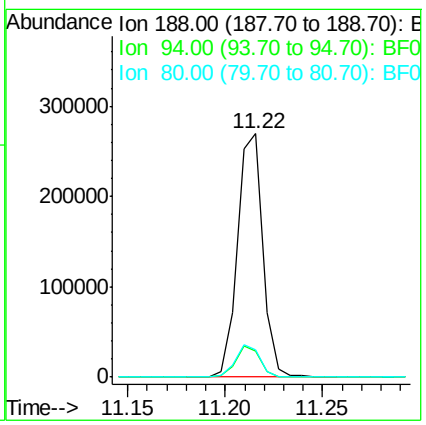


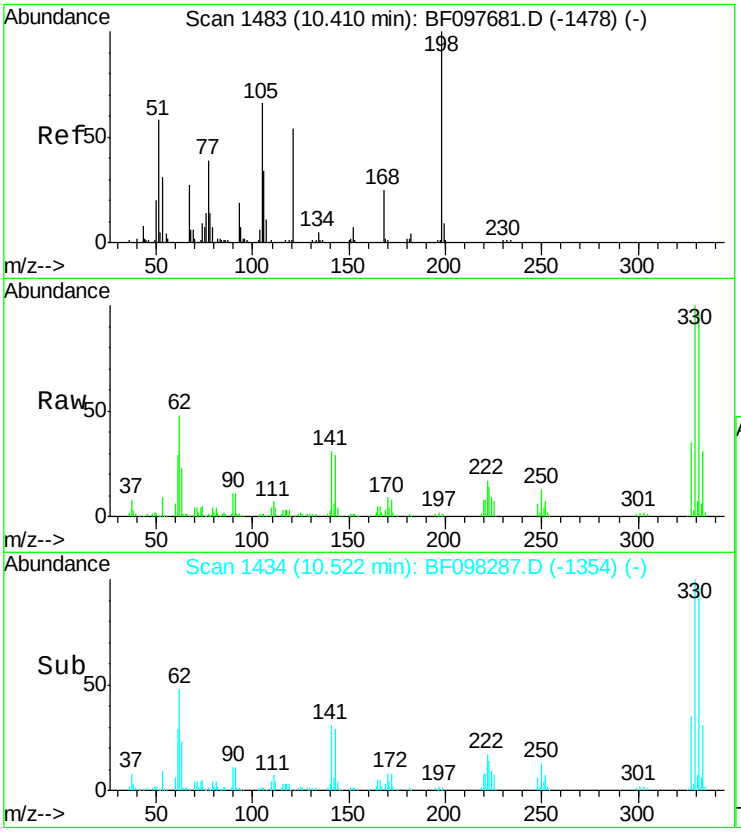


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:188 Resp: 242273

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.2	10.2	15.2



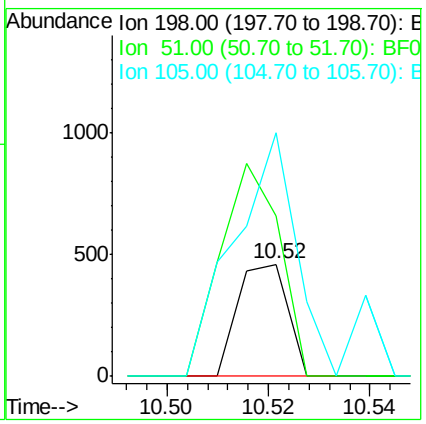


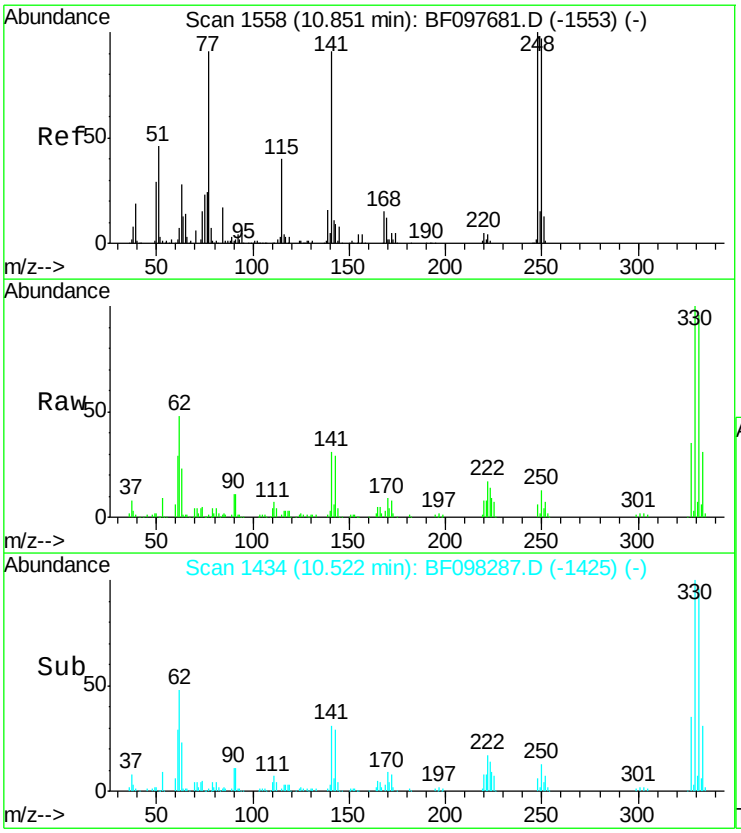
#64
4,6-Dinitro-2-methylphenol
Concen: 8.55 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.17 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:198 Resp: 315

Ion	Ratio	Lower	Upper
198	100		
51	143.0	53.2	93.2#
105	217.4	45.8	85.8#

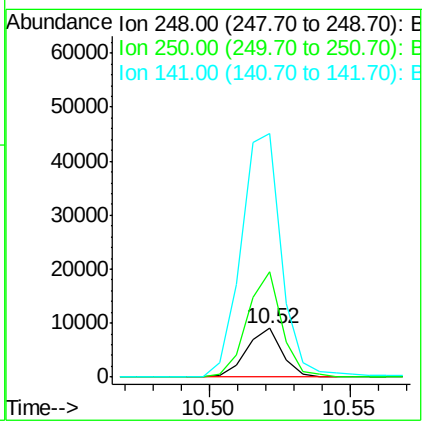


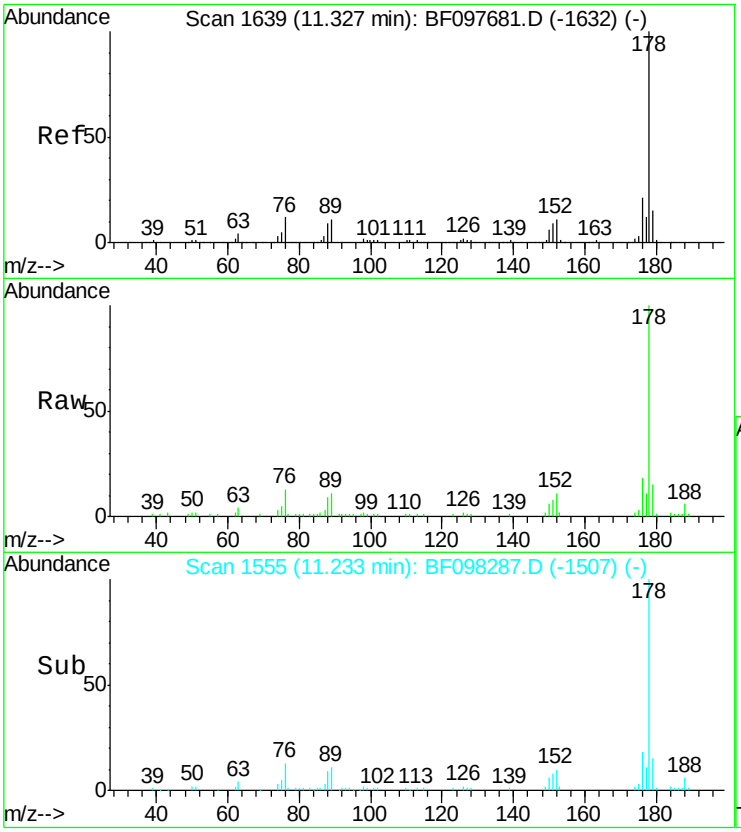


#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:248 Resp: 7839

Ion	Ratio	Lower	Upper
248	100		
250	217.1	76.8	115.2#
141	502.2	68.6	103.0#



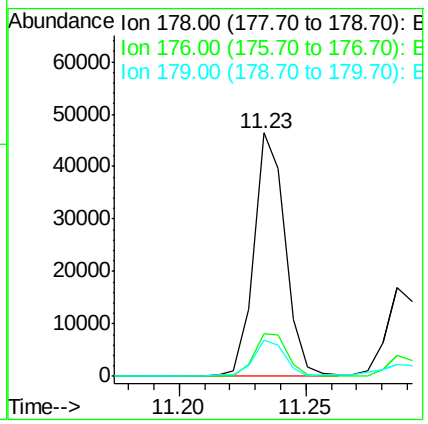


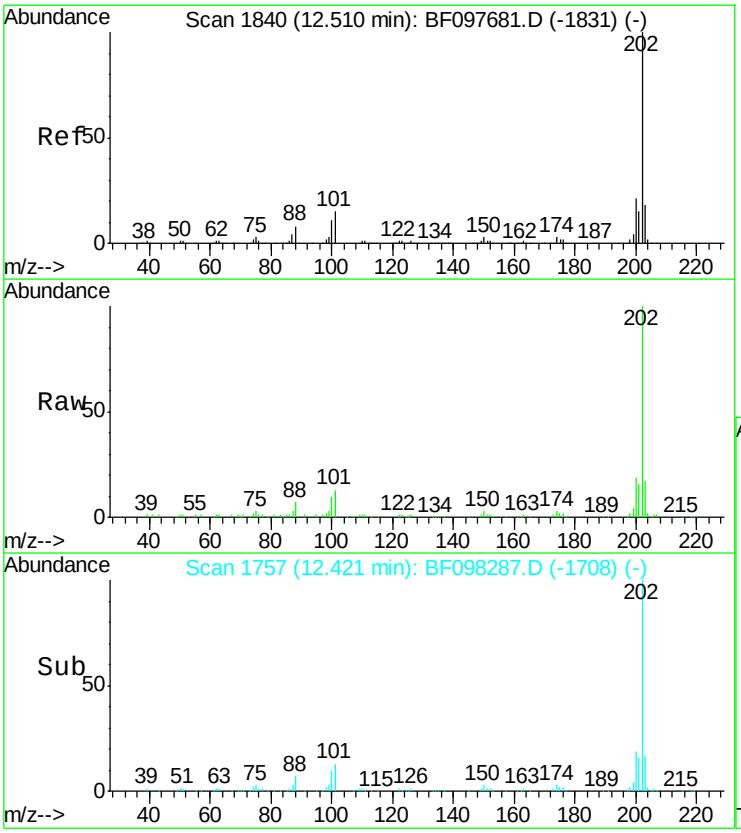
#70
Phenanthrene
Concen: 3.11 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:178 Resp: 40118

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	14.9	12.6	19.0

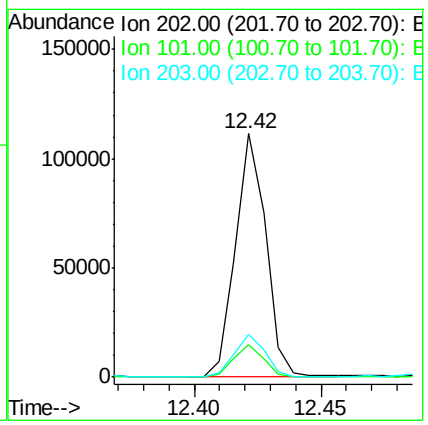


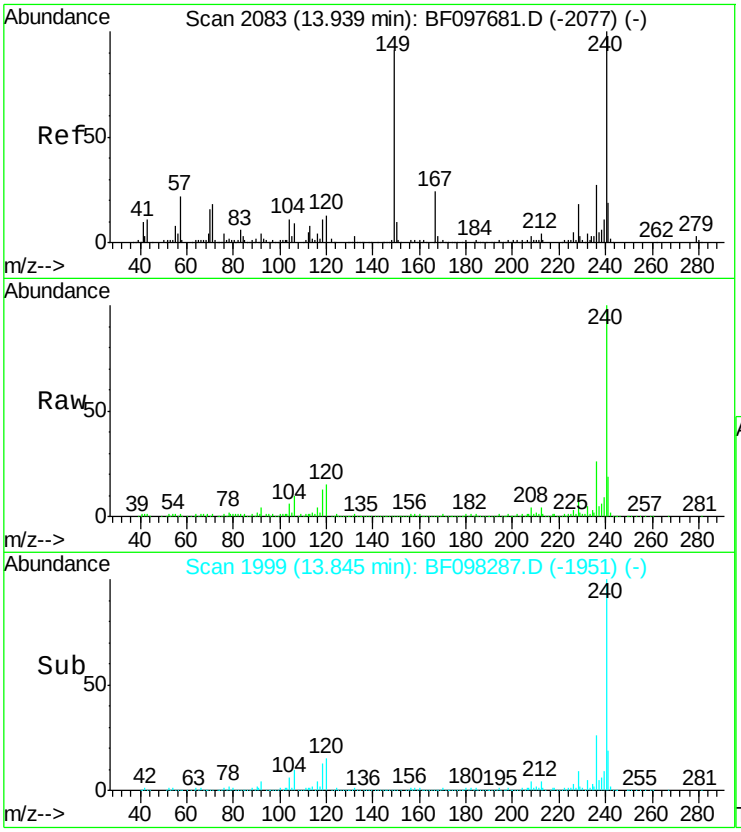


#74
Fluoranthene
Concen: 6.91 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:202 Resp: 93146

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.3	0.0	38.1



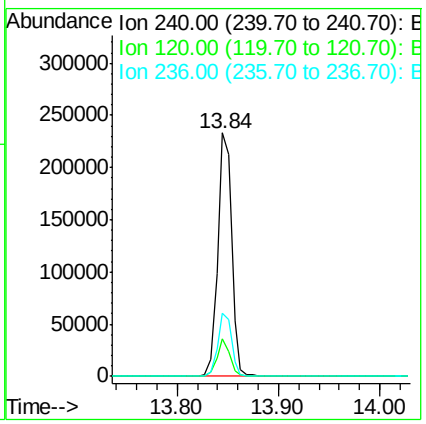


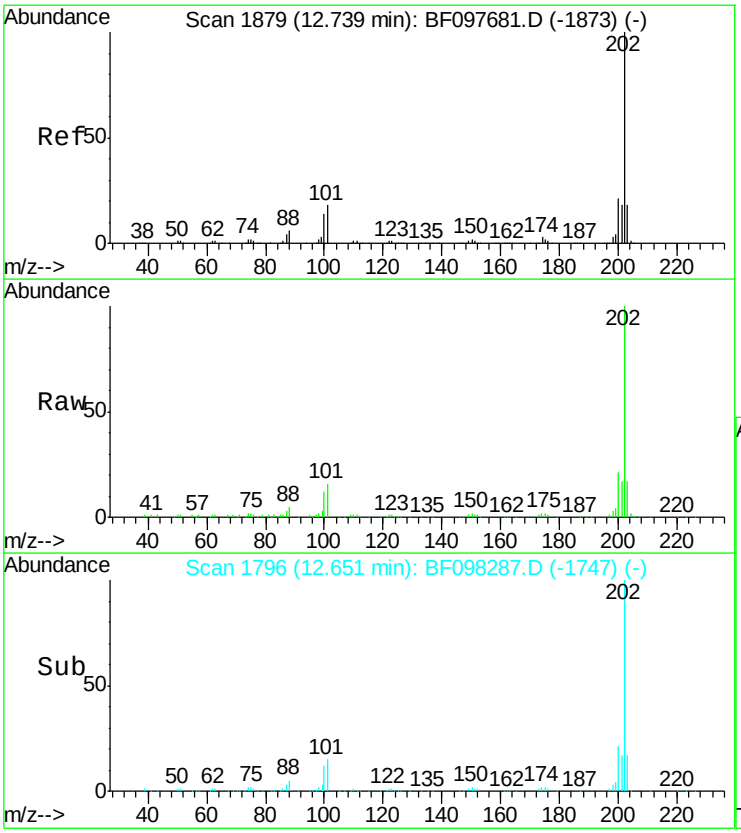
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:240 Resp: 223533

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.0	20.5	30.7

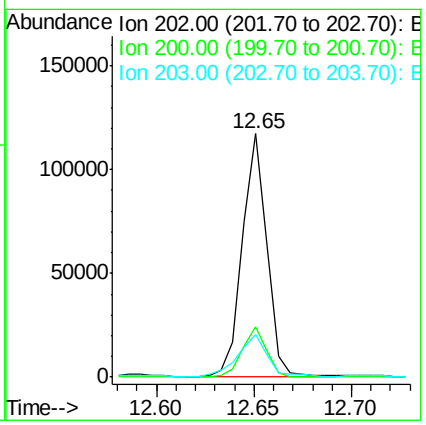


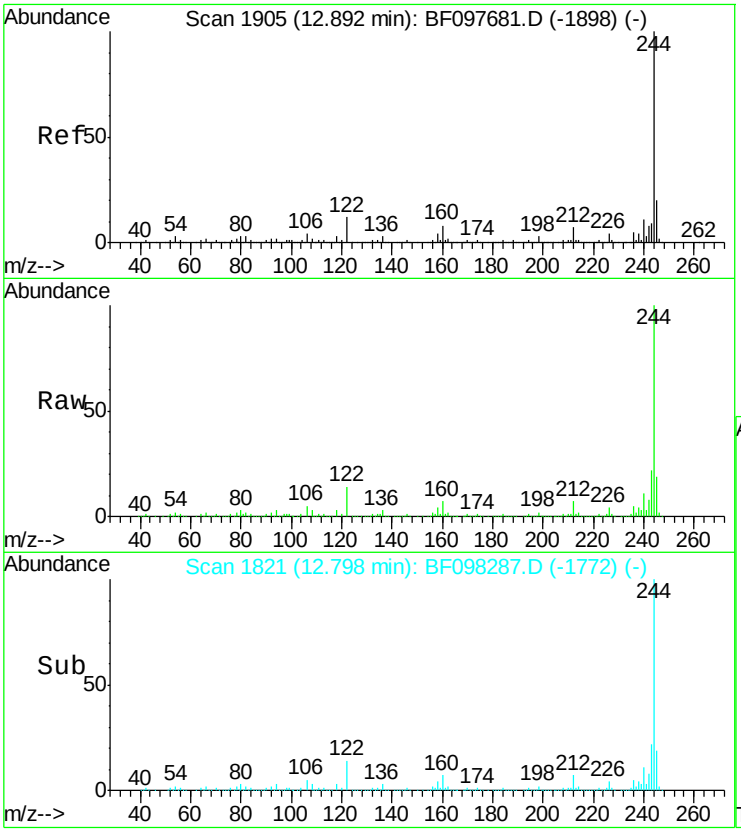


#77
Pyrene
Concen: 5.64 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:202 Resp: 103098

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.5	14.4	21.6



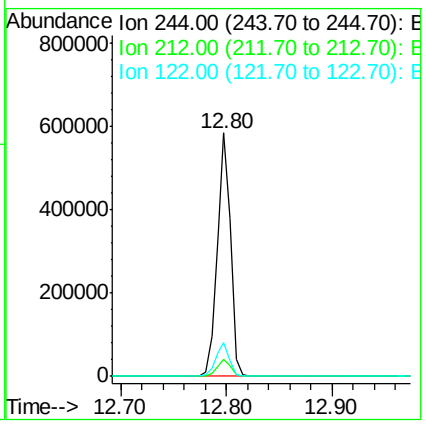


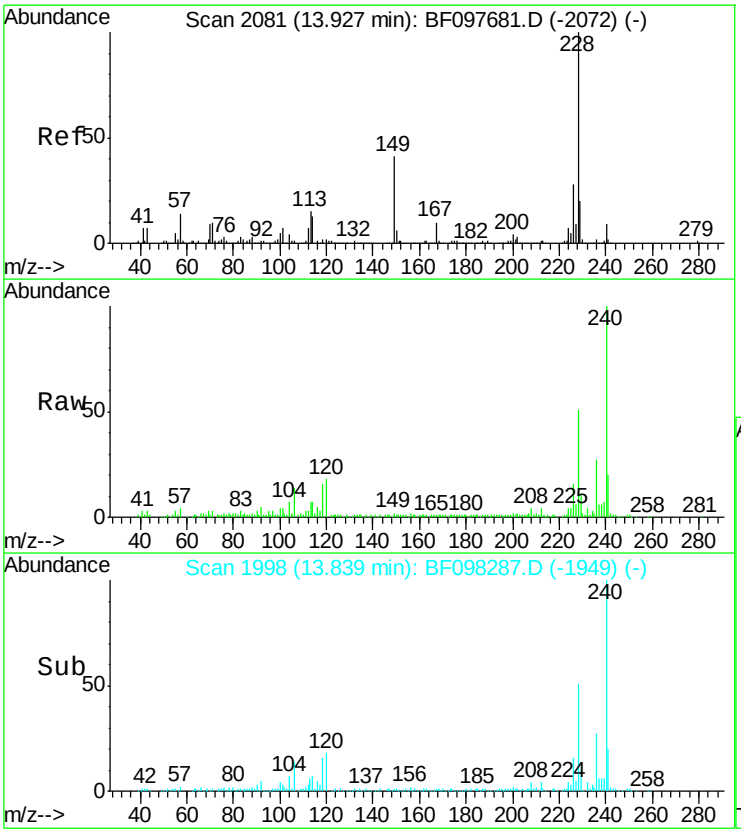
#78
Terphenyl-d14
Concen: 48.55 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:244 Resp: 520439

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5

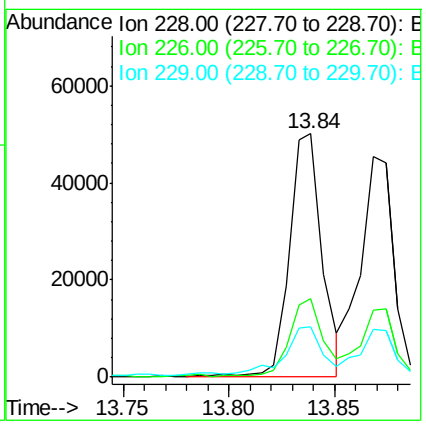


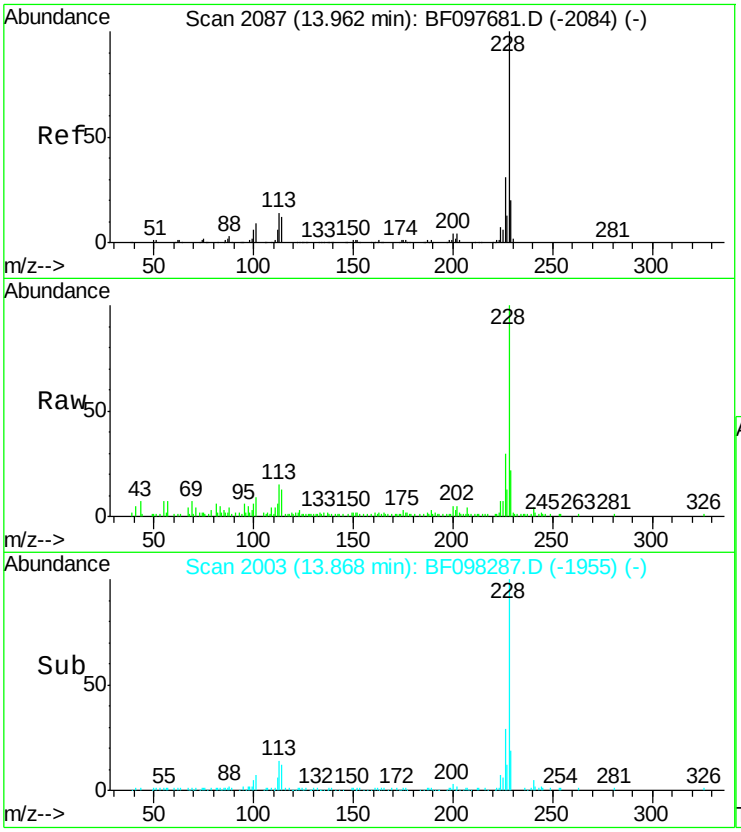


#80
Benzo(a)anthracene
Concen: 4.05 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:228 Resp: 54266

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	20.8	16.3	24.5



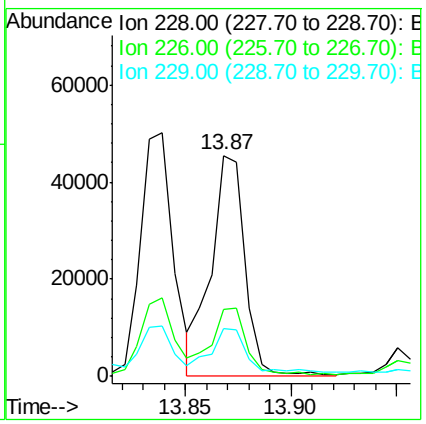


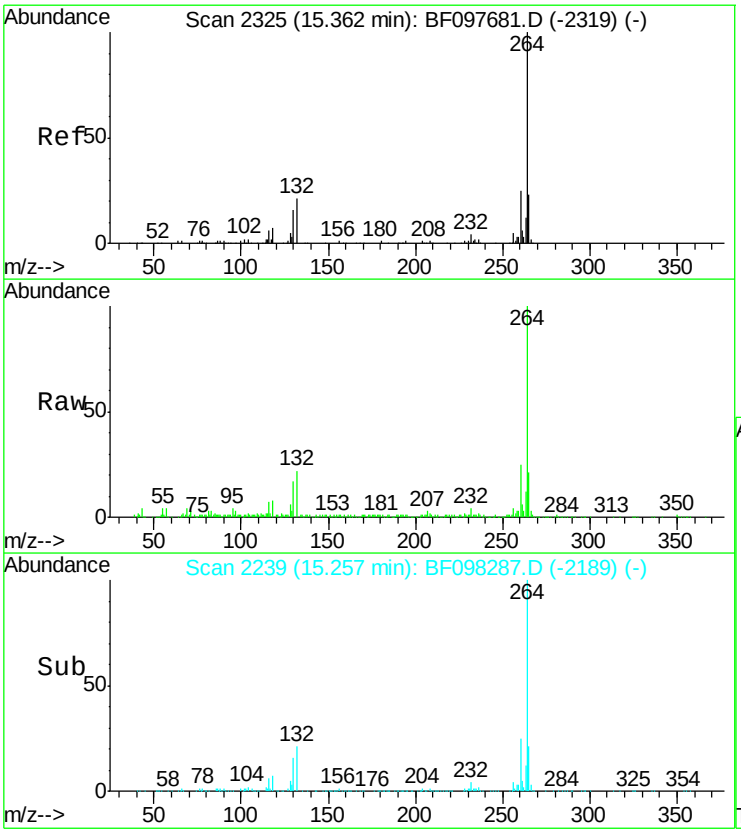
#82
Chrysene
Concen: 3.79 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:228 Resp: 50522

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.8	15.8	23.6

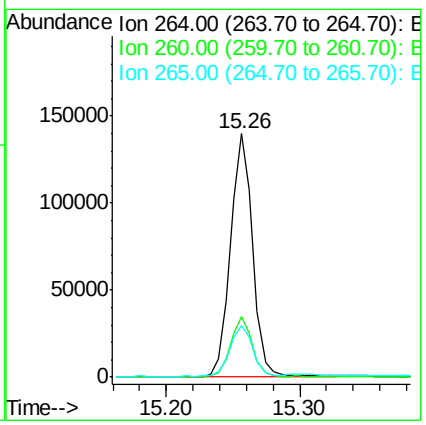


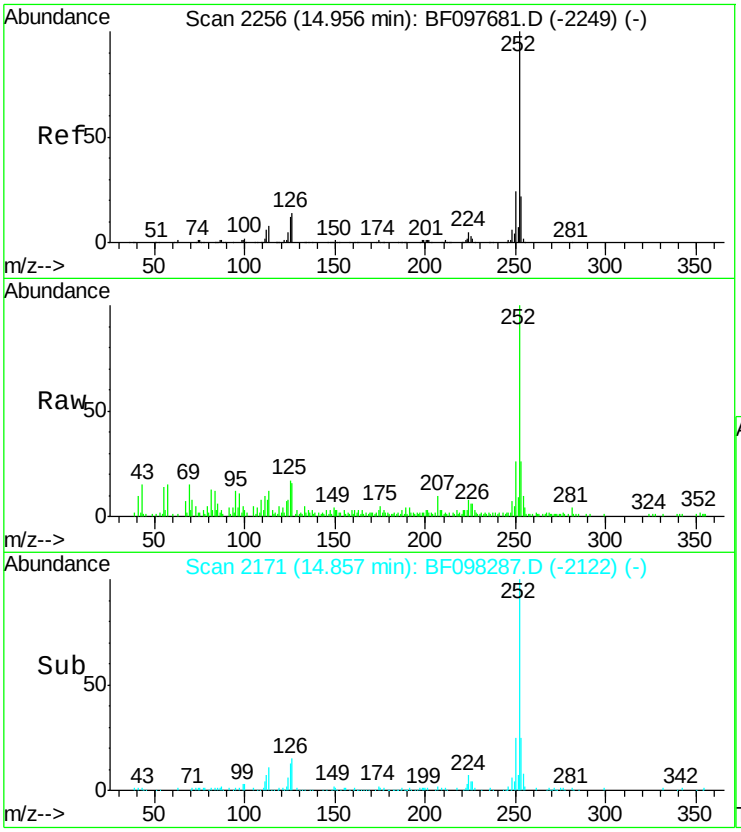


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:264 Resp: 163209

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.4	17.2	25.8



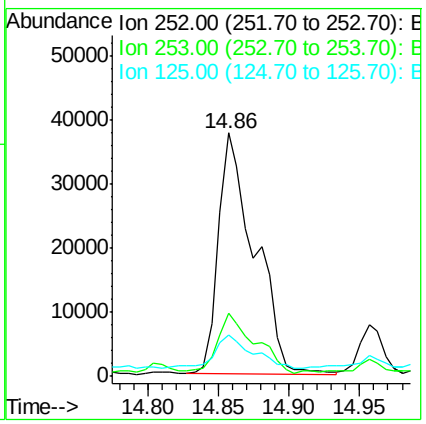


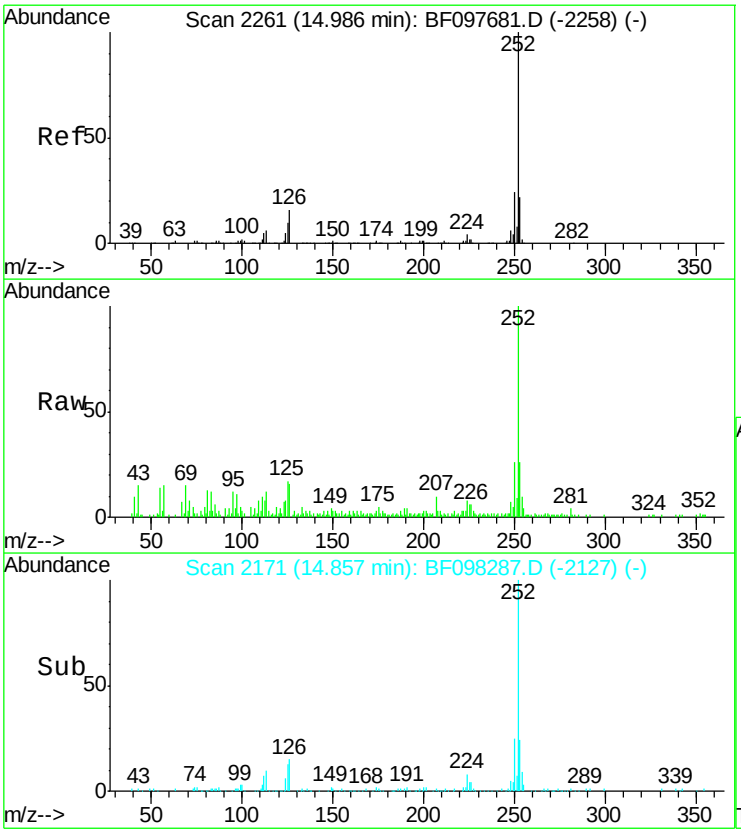
#87
Benzo(b)fluoranthene
Concen: 6.59 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:252 Resp: 67778

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	17.0	9.8	14.8#

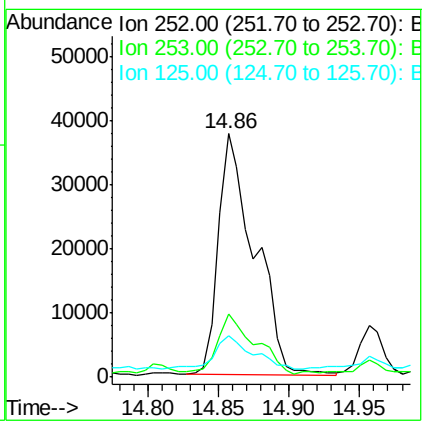


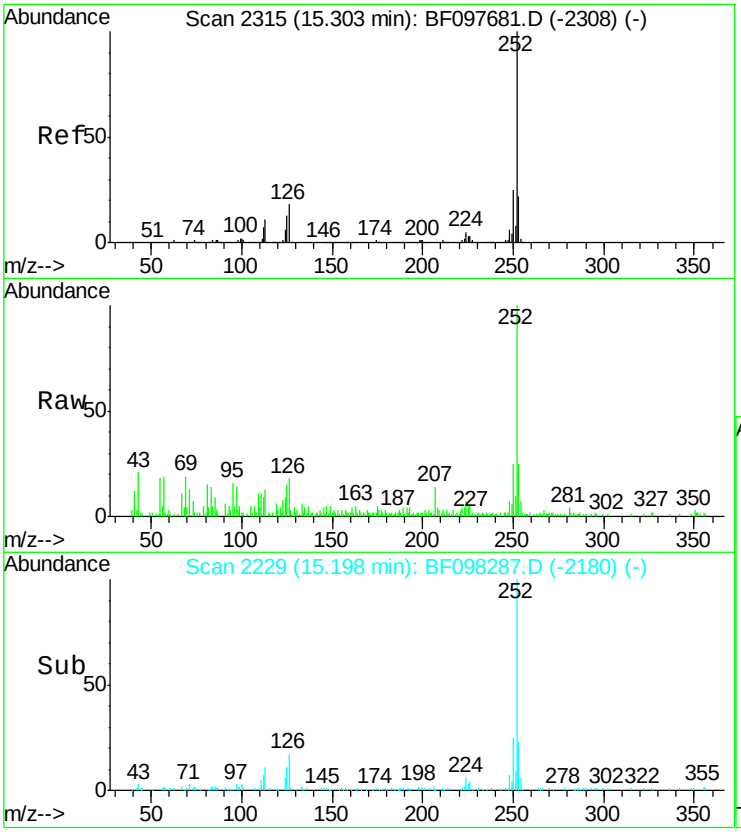


#88
Benzo(k)fluoranthene
Concen: 7.01 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:252 Resp: 67778

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	17.0	13.1	19.7



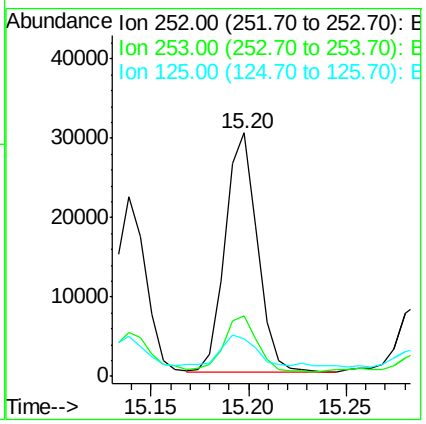


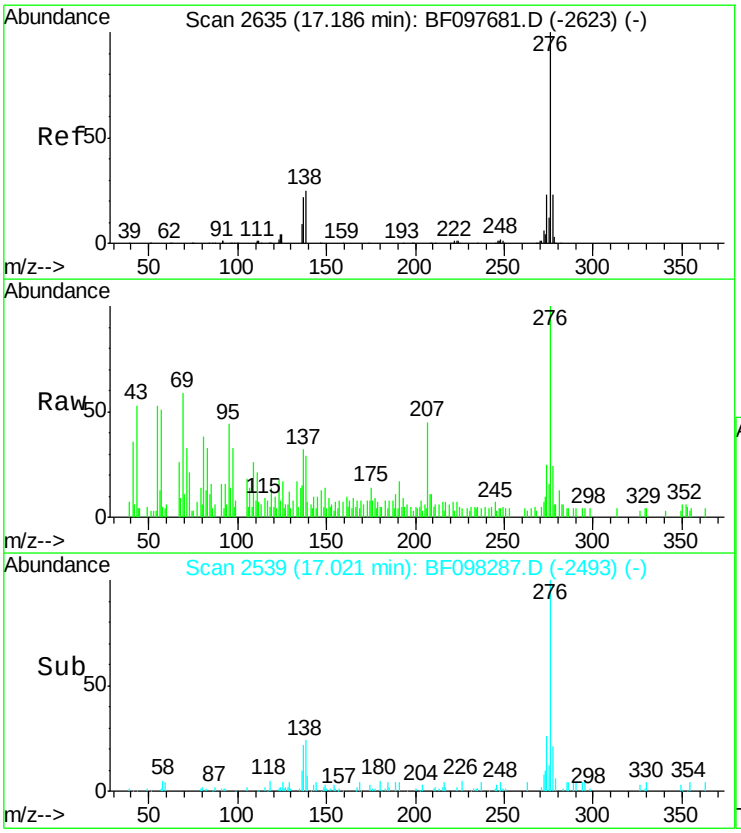
#89
Benzo(a)pyrene
Concen: 3.79 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Tgt Ion:252 Resp: 34478

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	15.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.53 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF098287.D
Acq: 6 Sep 2017 22:02

Tgt Ion:276 Resp: 19554

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	29.4	25.4	38.0