Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098479.D
Acq On : 13 Sep 2017 5:08
Operator : SJ/JU
Sample : I5186-01 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 284-GRAB

Quant Time: Sep 13 05:42:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	216495	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	813973	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	306960	20.00	ng		-0.01
63) Phenanthrene-d10	11.17	188	484414	20.00	ng		-0.01
75) Chrysene-d12	13.81	240	380993	20.00	ng		0.00
86) Perylene-d12	15.21	264	274703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	446449	30.49	ng		-0.01
7) Phenol-d6	6.30	99	542391	29.17	ng		-0.02
23) Nitrobenzene-d5	7.23	82	307130	21.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	57943	28.28	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	516915	28.54	ng		-0.02
78) Terphenyl-d14	12.76	244	357534	20.26	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	40862	3.494	ng	#	79
25) Isophorone	7.23	82	298050	10.089	ng	#	67
49) Dimethylphthalate	9.42	163	56310	2.370	ng		98
50) 2,6-Dinitrotoluene	9.69	165	40629	8.324	ng	#	34
56) 2,4-Dinitrotoluene	9.69	165	40629	6.847	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.48	198	114	4.999	ng	#	1
70) Phenanthrene	11.20	178	54268	2.113	ng		98
74) Fluoranthene	12.39	202	161095	6.266	ng		99
77) Pyrene	12.61	202	189893	6.318	ng		99
80) Benzo(a)anthracene	13.80	228	90741	4.062	ng		97
82) Chrysene	13.83	228	83282	3.688	ng		97
85) Indeno(1,2,3-cd)pyrene	16.56	276	37179	2.347	ng		95
87) Benzo(b)fluoranthene	14.82	252	129347	7.489	ng	#	83
88) Benzo(k)fluoranthene	14.82	252	129347	8.022	ng	#	87
89) Benzo(a)pyrene	15.16	252	67731	4.402	ng	#	86
91) Benzo(g,h,i)perylene	16.96	276	43937	3.902	ng		98

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

Quantitation Report (Not Reviewed)

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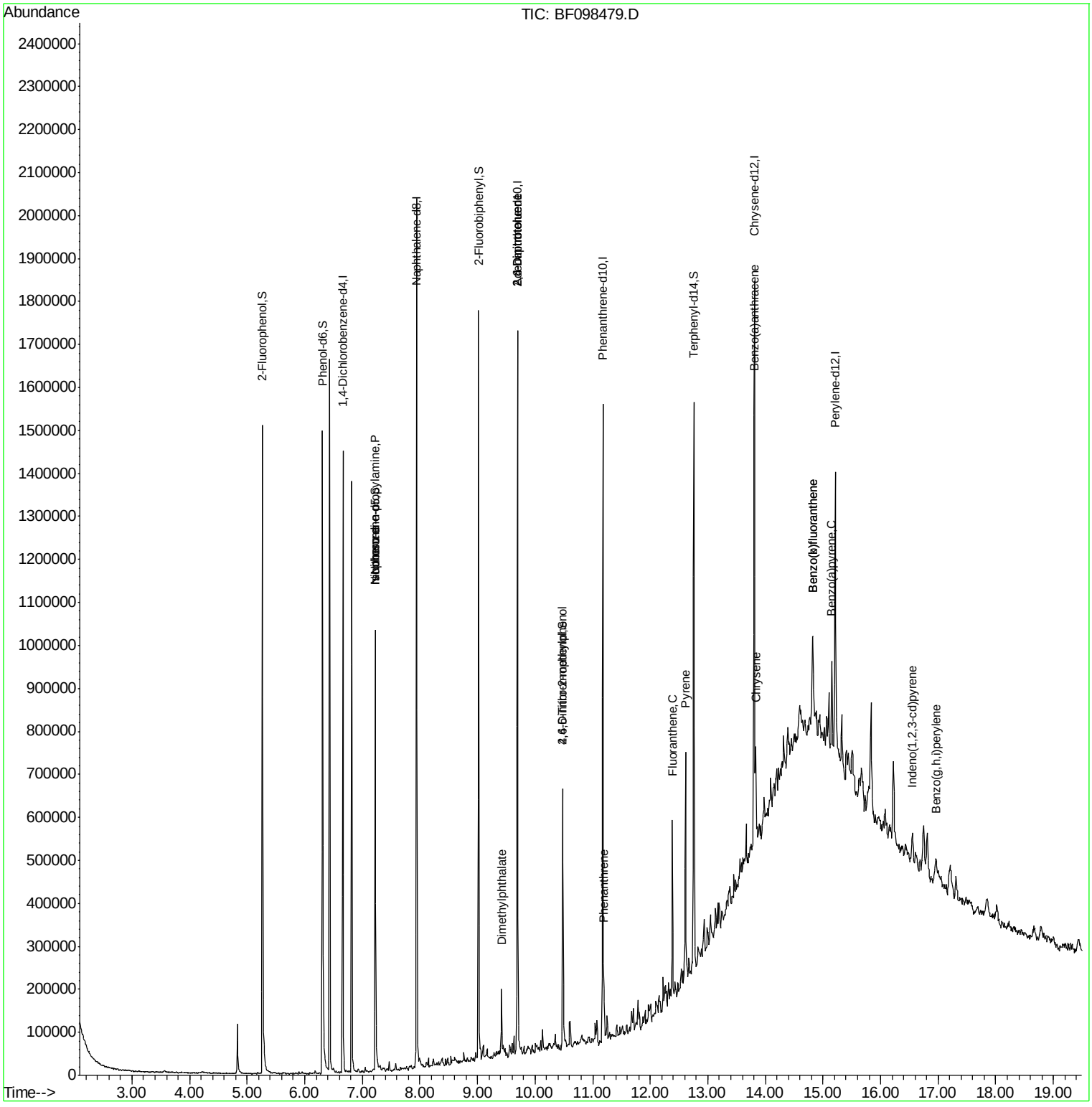
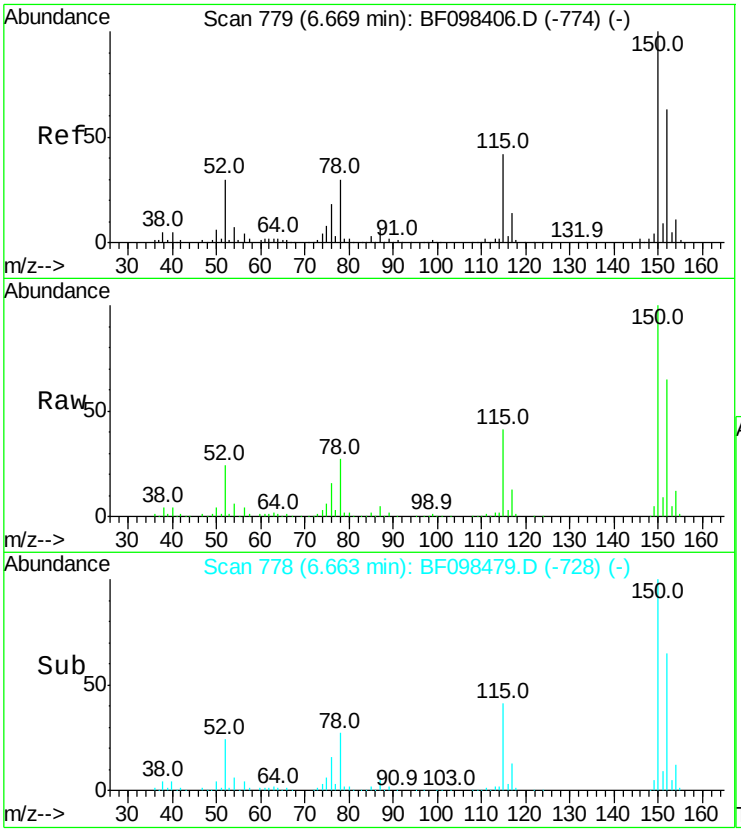


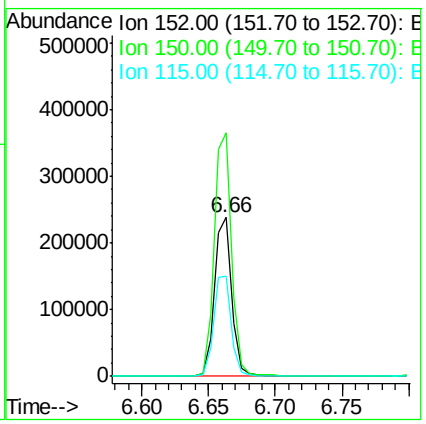


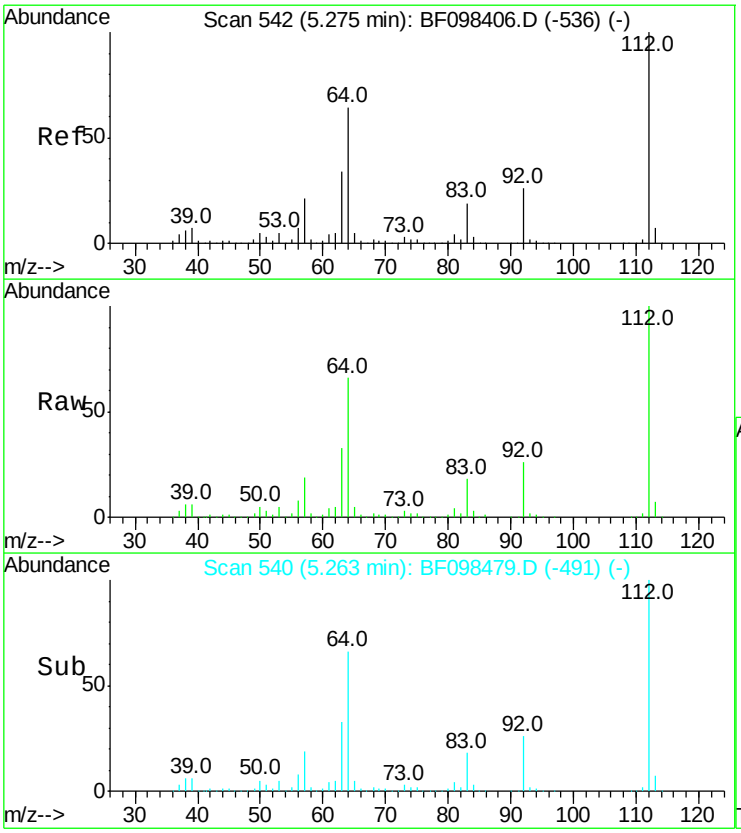
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:152 Resp: 216495

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	63.1	52.2	78.2

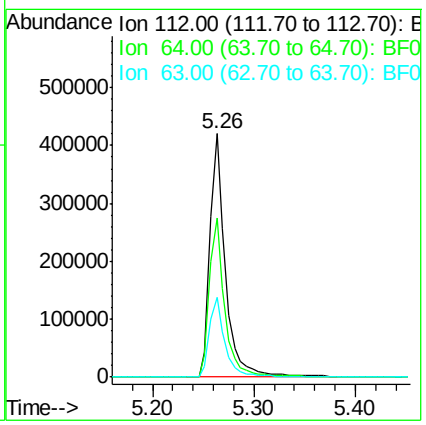


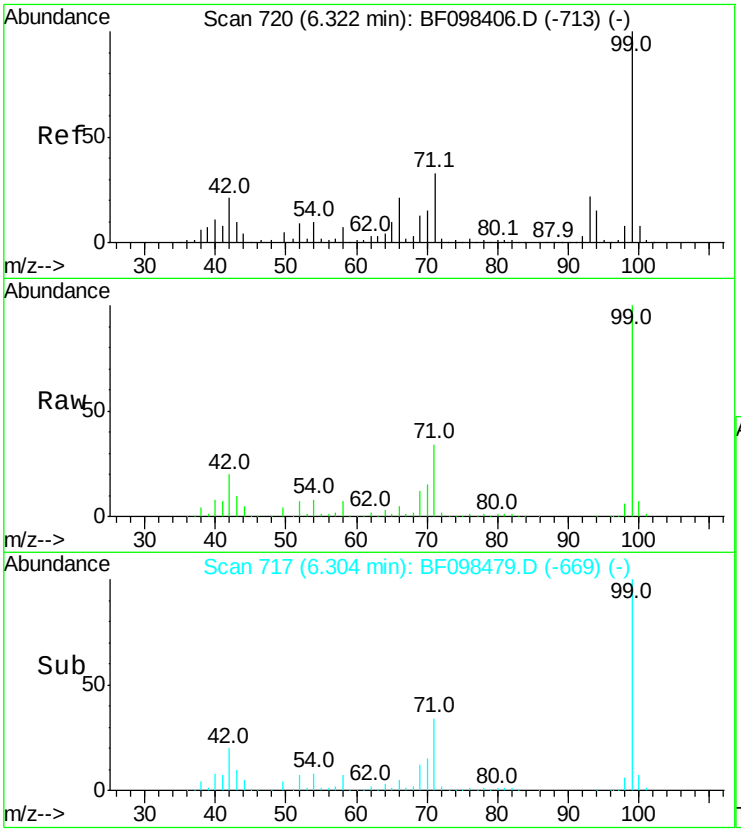


#5
2-Fluorophenol
Concen: 30.490 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:112 Resp: 446449

Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	32.6	23.4	35.0



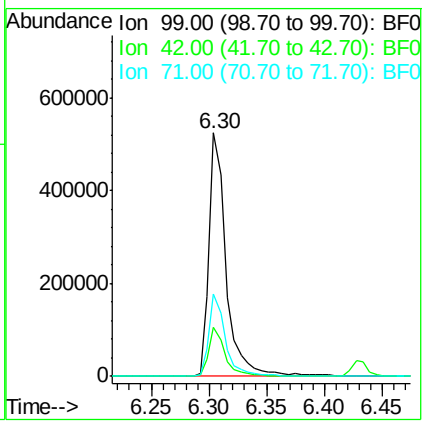


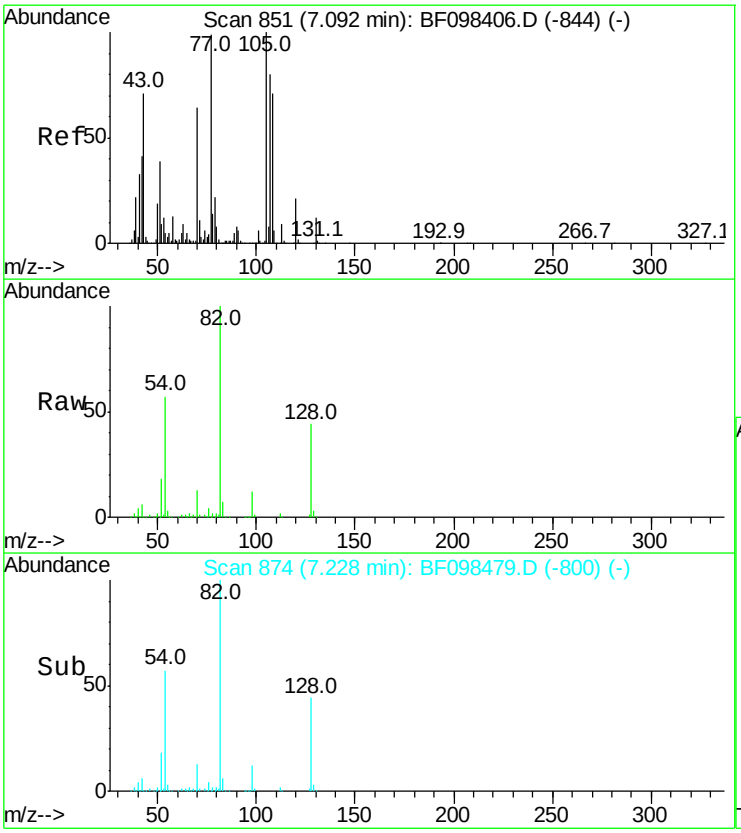
#7
Phenol-d6
Concen: 29.175 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion: 99 Resp: 542391

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.5	20.3
71	33.7	24.5	36.7

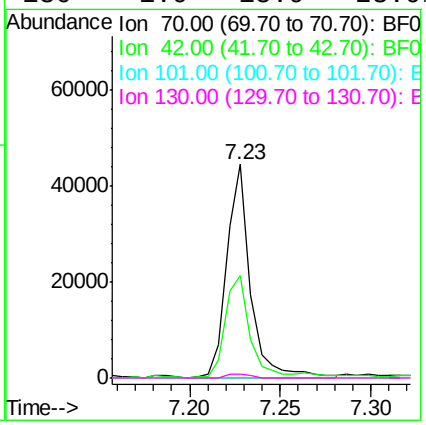


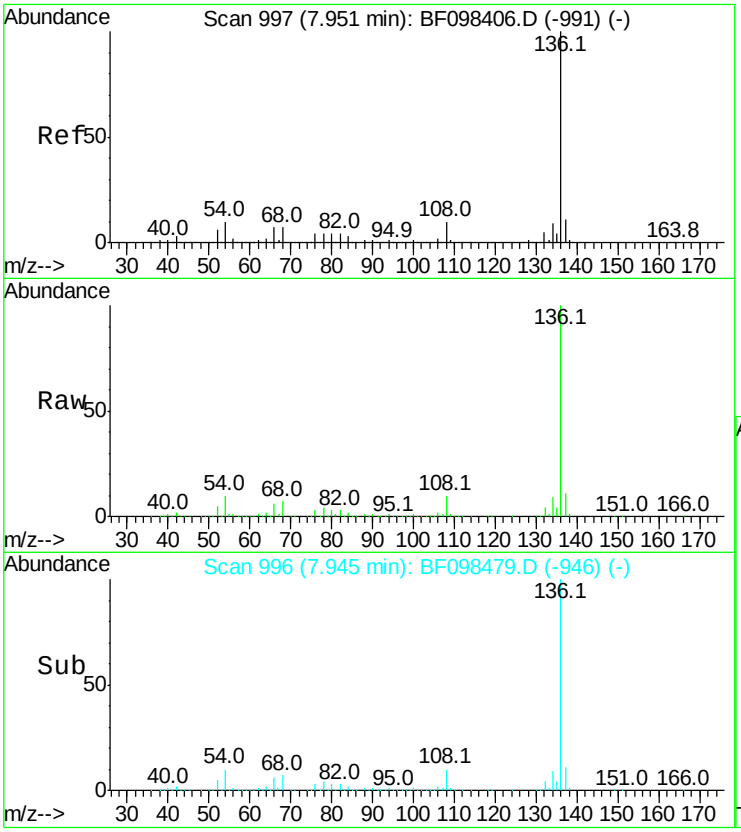


#19
n-Nitroso-di-n-propylamine
Concen: 3.494 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion: 70 Resp: 40862

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



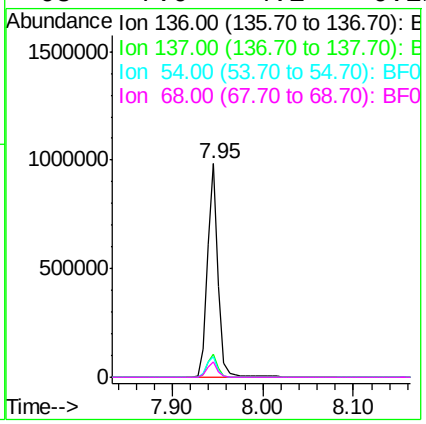


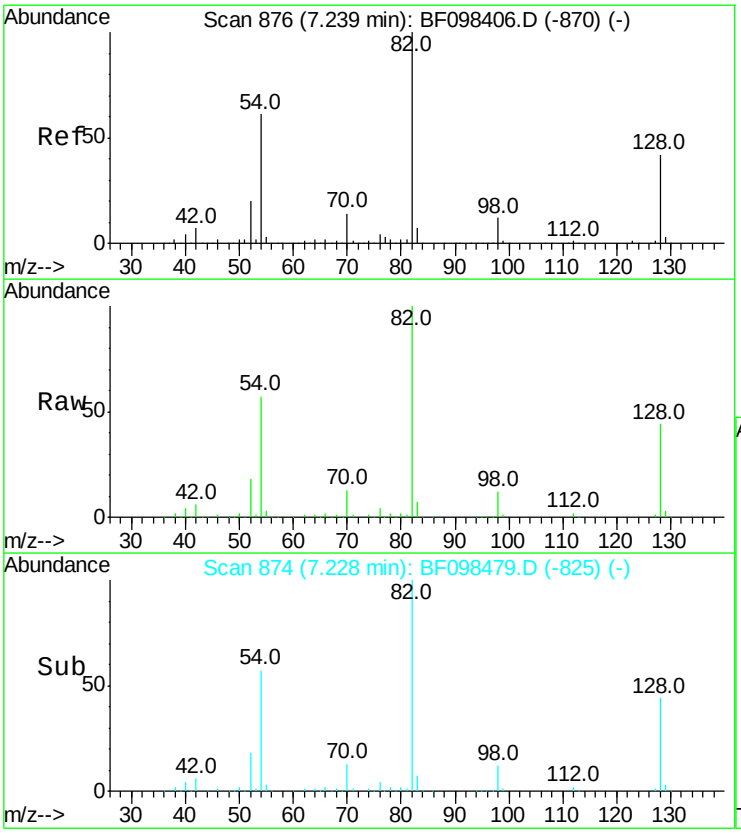
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:136 Resp: 813973

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.7	4.9	7.3#
68	7.0	4.1	6.1#

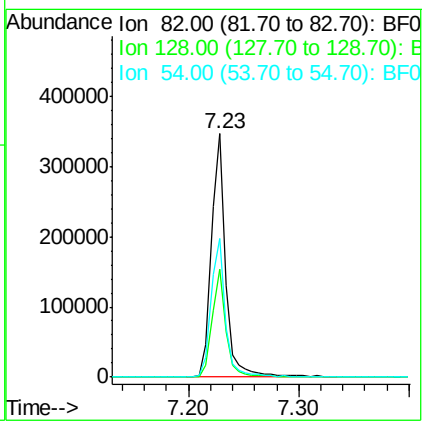


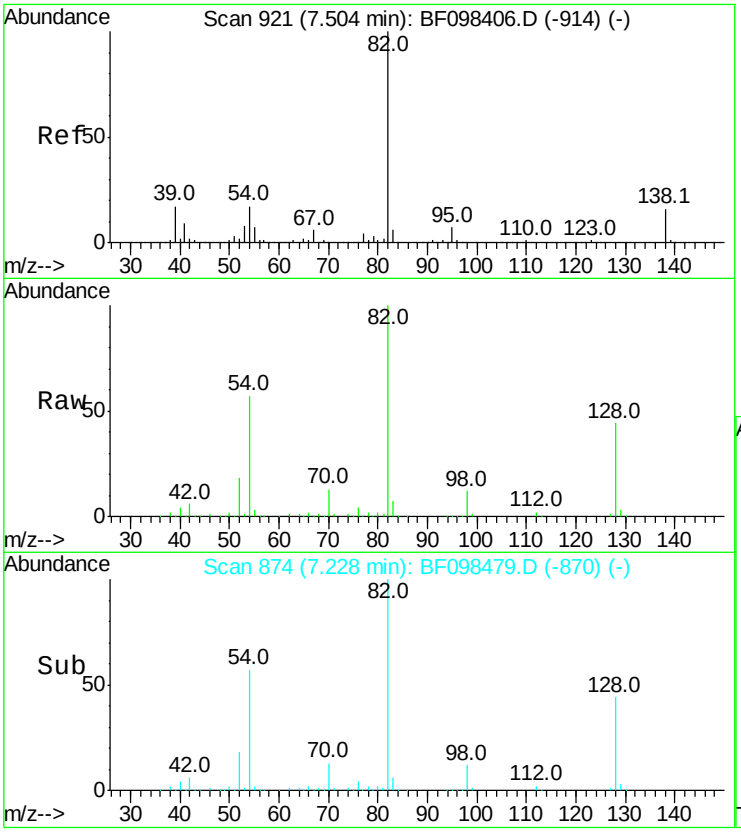


#23
Nitrobenzene-d5
Concen: 21.036 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion: 82 Resp: 307130

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	57.1	42.2	63.2



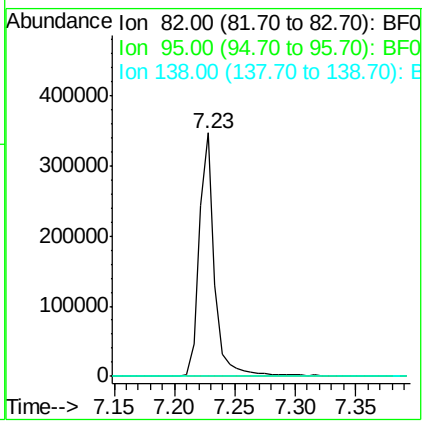


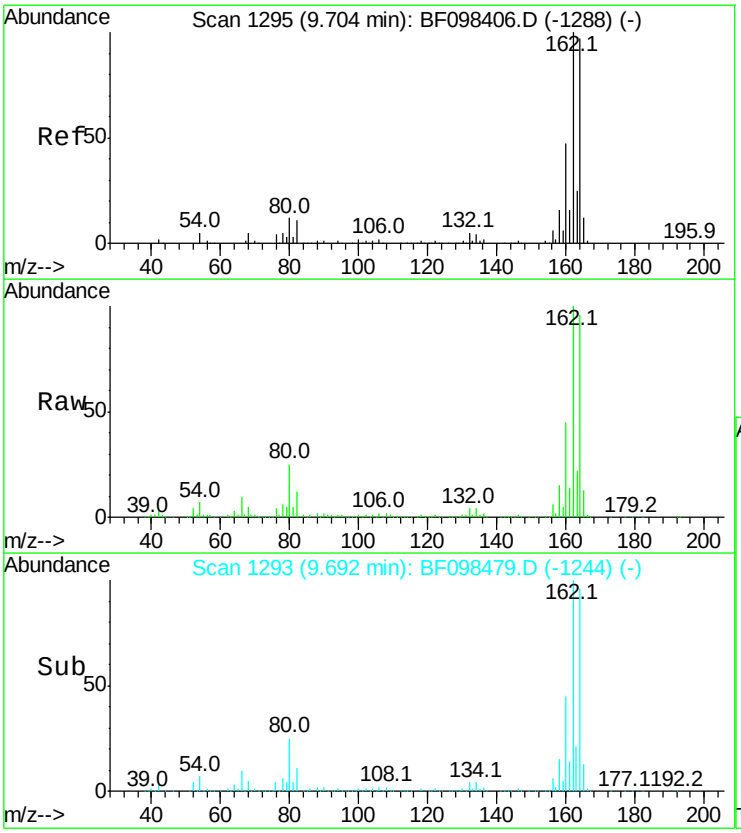
#25
Isophorone
Concen: 10.089 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion: 82 Resp: 298050

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#

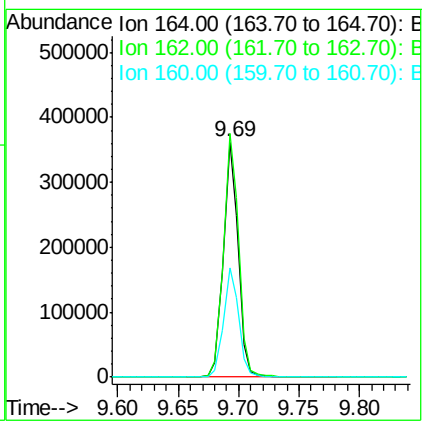


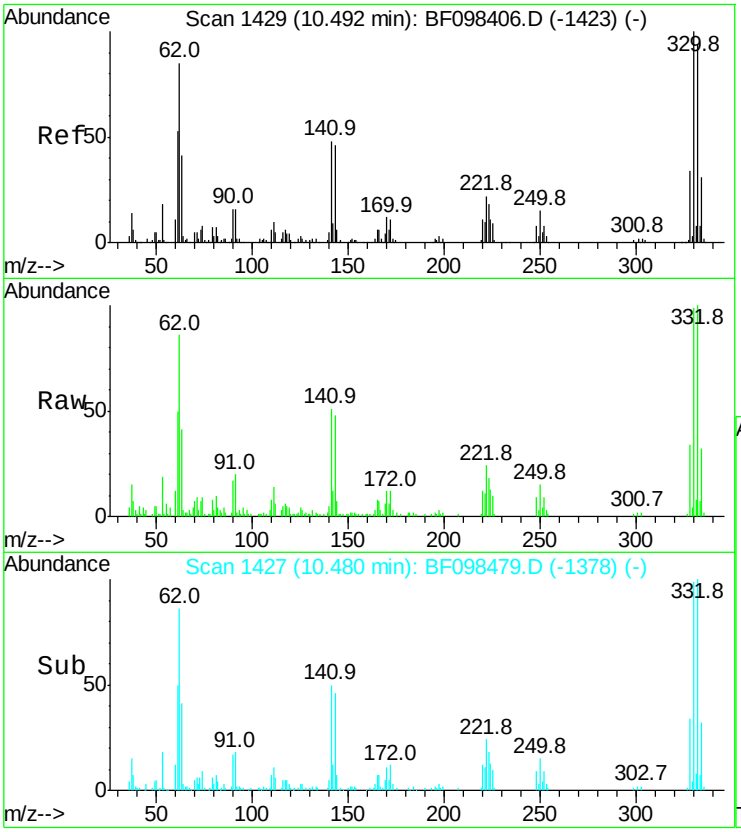


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:164 Resp: 306960

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.4	36.2	54.2



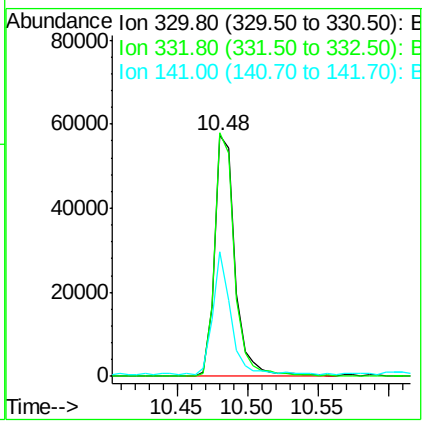


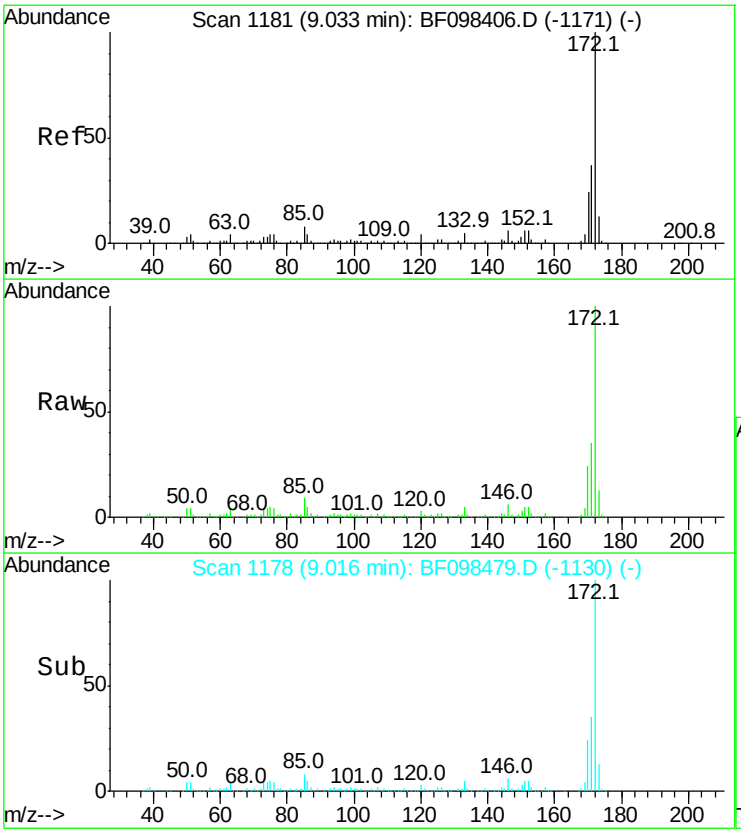
#41
2,4,6-Tribromophenol
Concen: 28.283 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:330 Resp: 57943

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	44.5	31.4	47.2

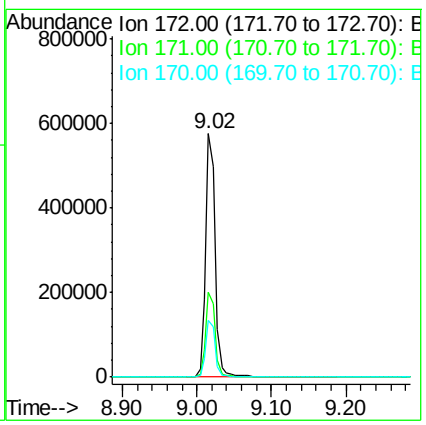


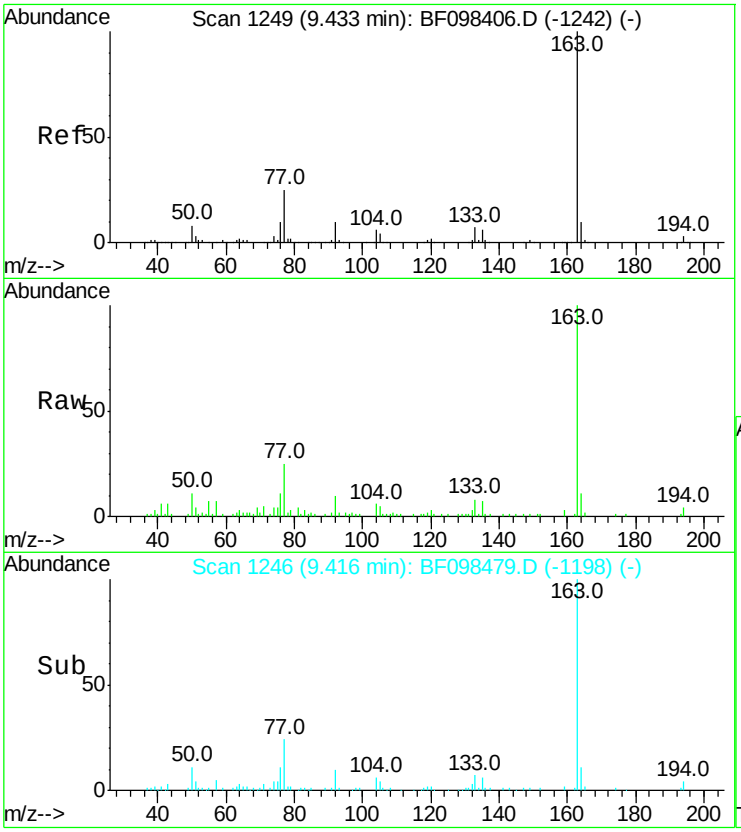


#44
2-Fluorobiphenyl
Concen: 28.542 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:172 Resp: 516915

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.5	19.8	29.8



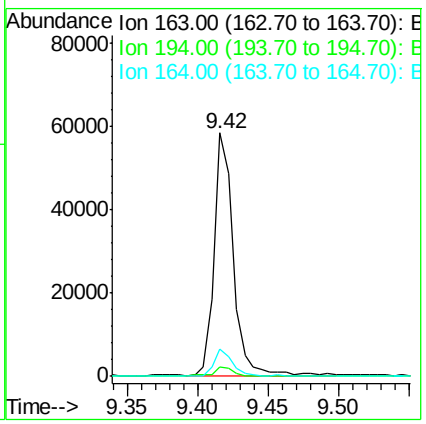


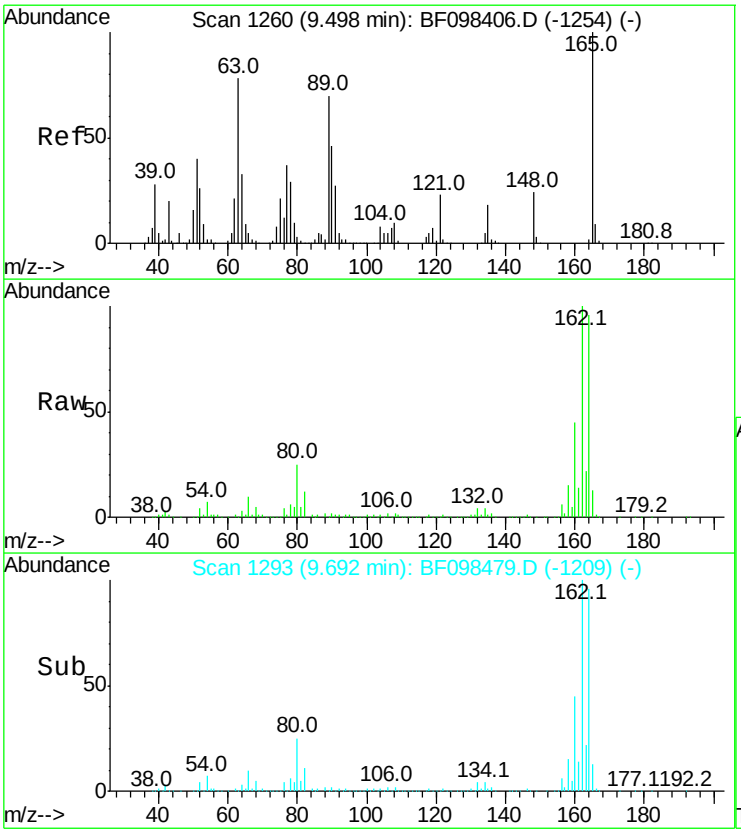
#49
Dimethylphthalate
Concen: 2.370 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:163 Resp: 56310

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	11.1	8.4	12.6

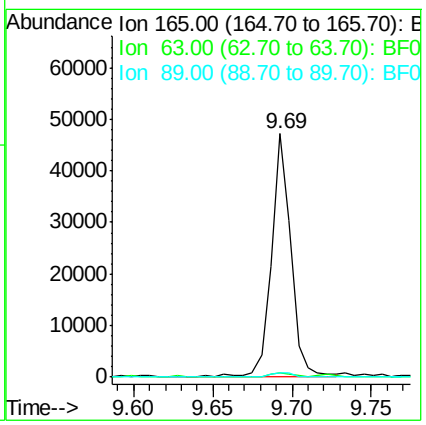


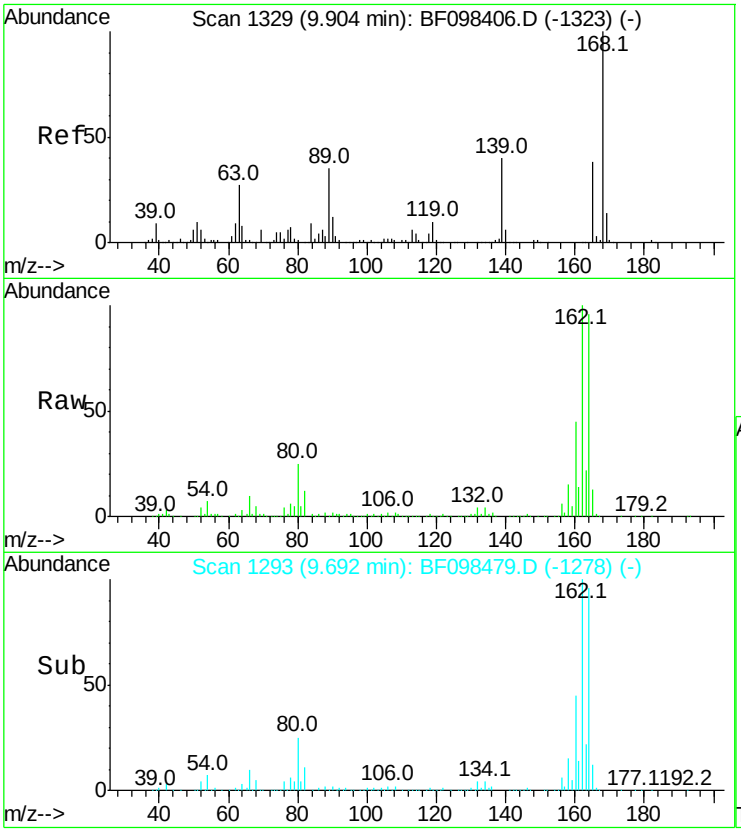


#50
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:165 Resp: 40629

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.6	37.1	55.7#



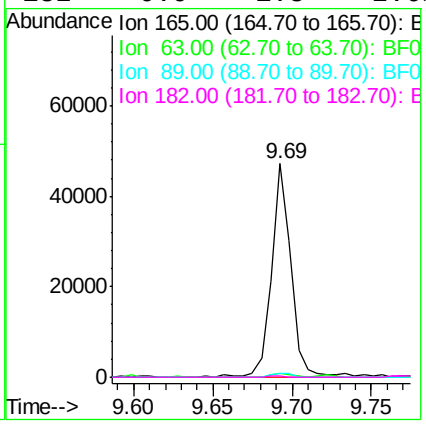


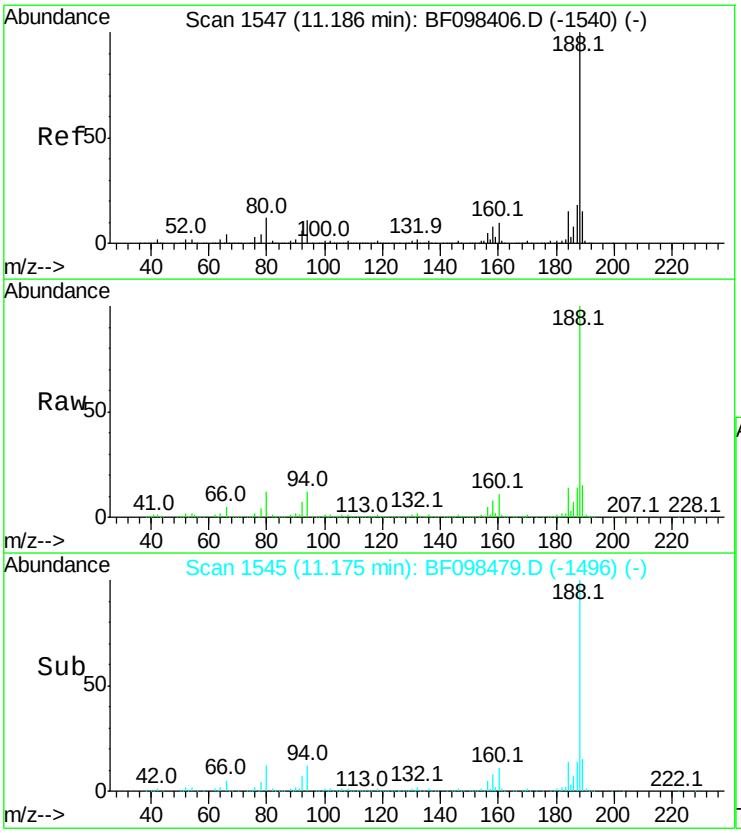
#56
2,4-Dinitrotoluene
Concen: 6.847 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.21 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:165 Resp: 40629

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.6	46.4	69.6#
182	0.9	1.8	2.6#

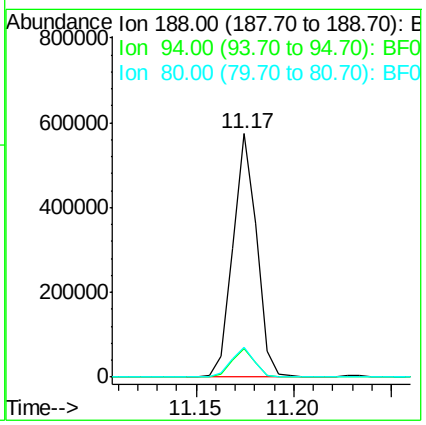


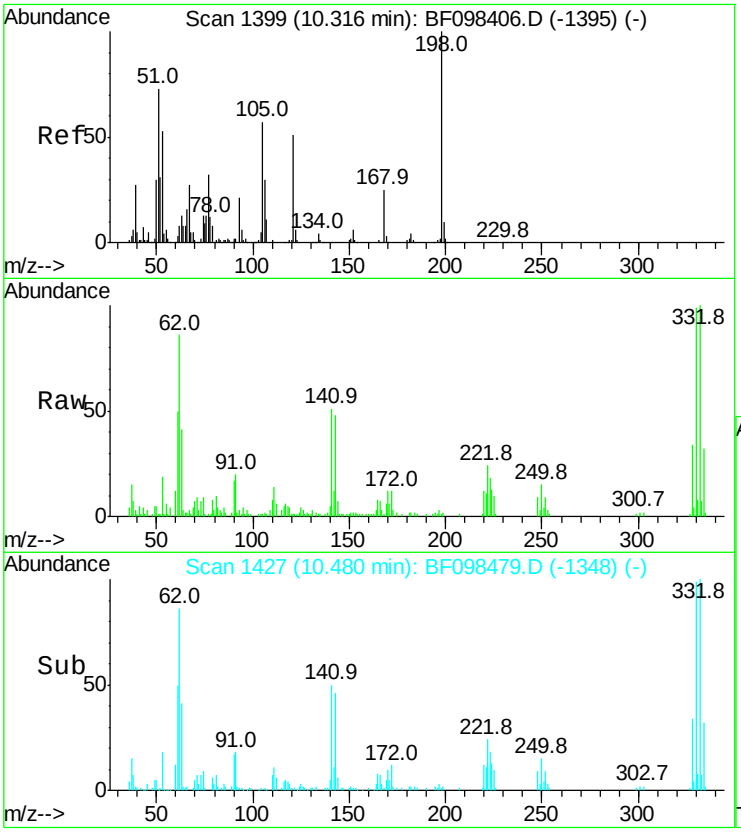


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:188 Resp: 484414

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.3	10.2	15.2



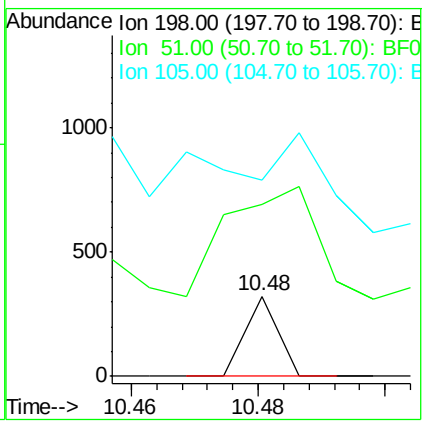


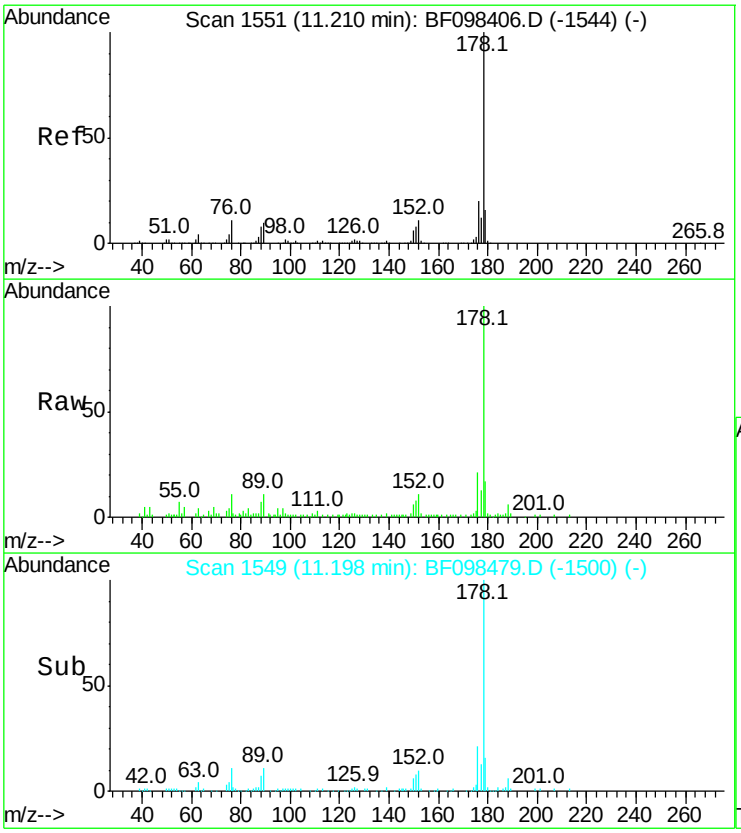
#64
4,6-Dinitro-2-methylphenol
Concen: 4.999 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.17 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:198 Resp: 114

Ion	Ratio	Lower	Upper
198	100		
51	213.6	53.2	93.2#
105	244.3	45.8	85.8#

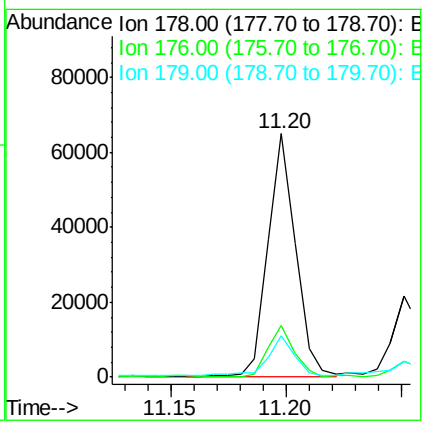


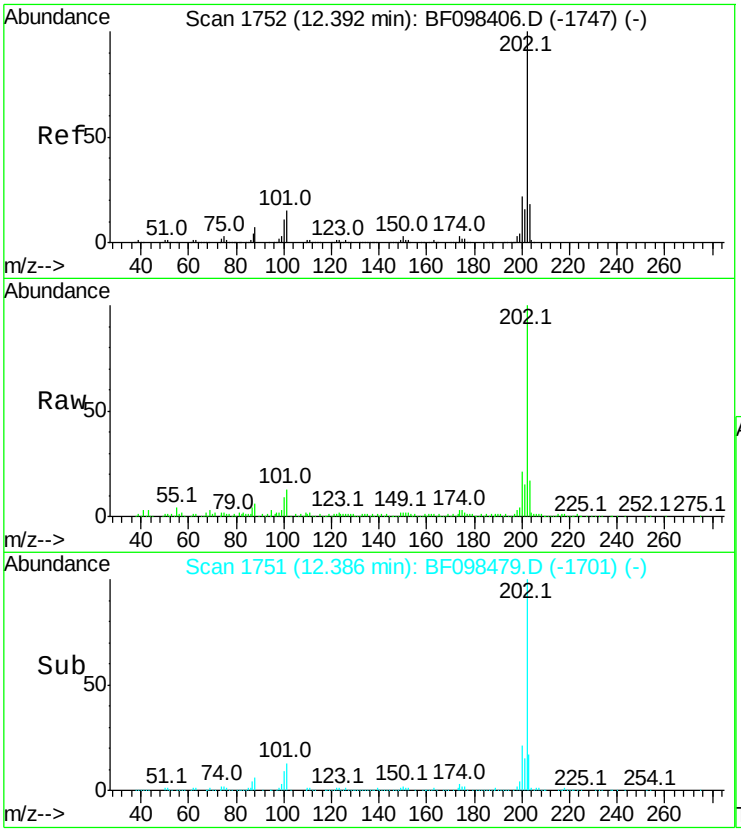


#70
Phenanthrene
Concen: 2.113 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:178 Resp: 54268

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	16.8	12.6	19.0



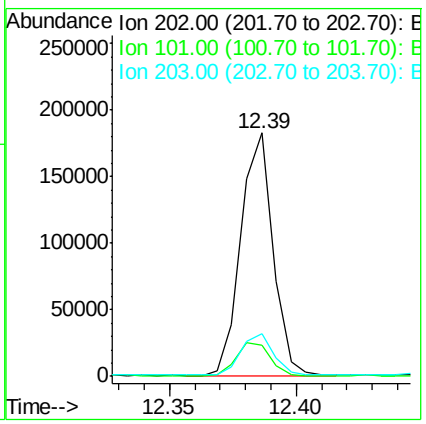


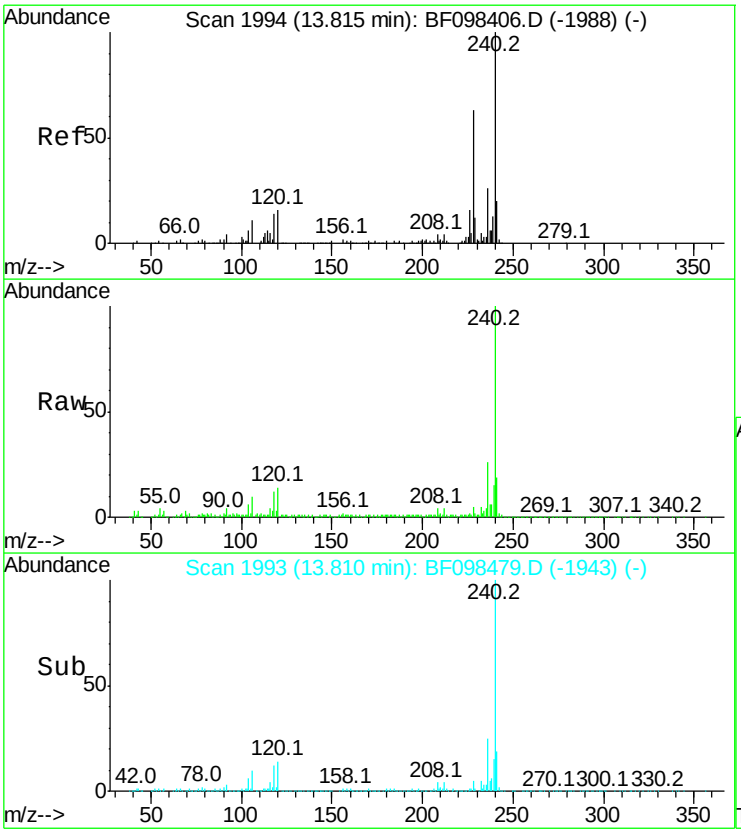
#74
Fluoranthene
Concen: 6.266 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:202 Resp: 161095

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.4	0.0	38.1

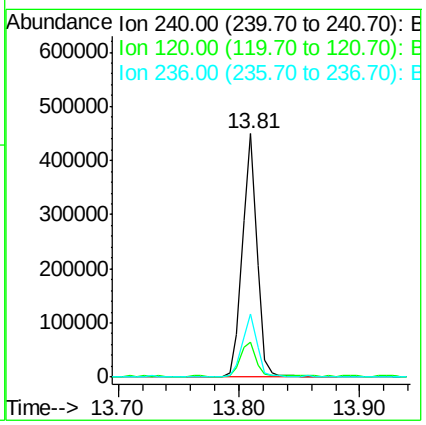


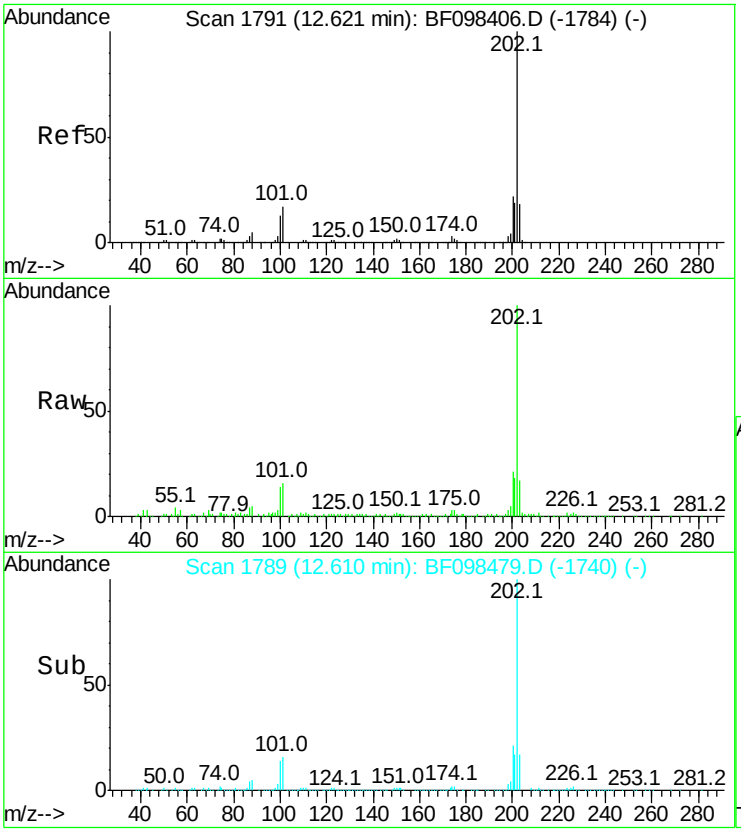


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:240 Resp: 380993

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.7	20.5	30.7



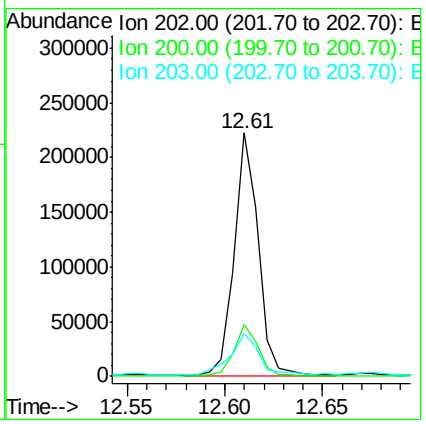


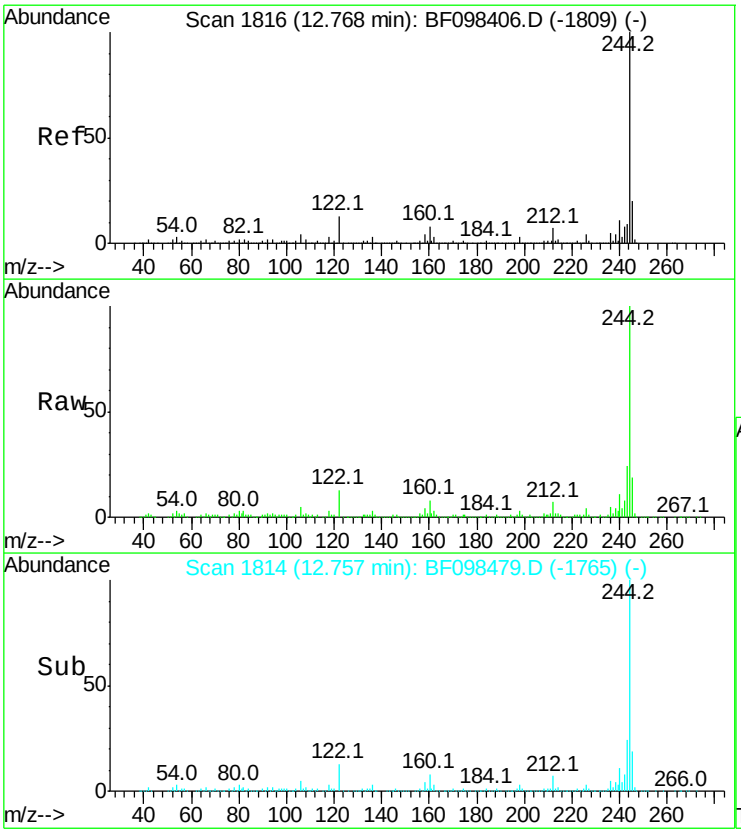
#77
Pyrene
Concen: 6.318 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:202 Resp: 189893

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.4	14.4	21.6

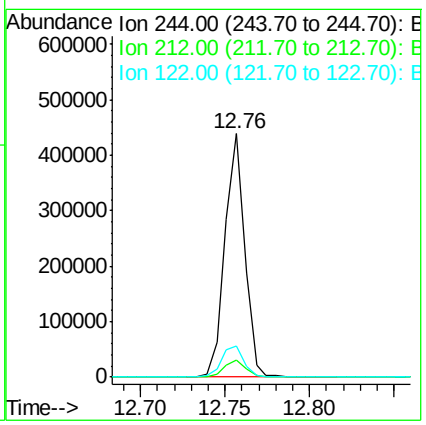


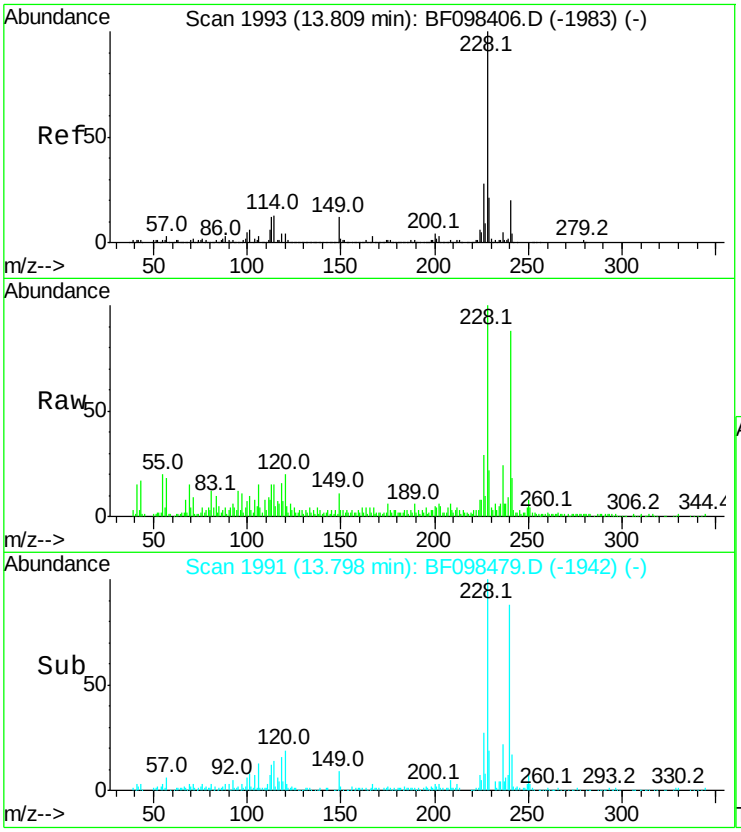


#78
Terphenyl-d14
Concen: 20.256 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:244 Resp: 357534

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.6	10.3	15.5



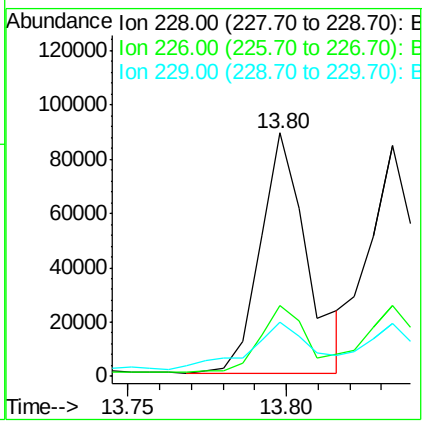


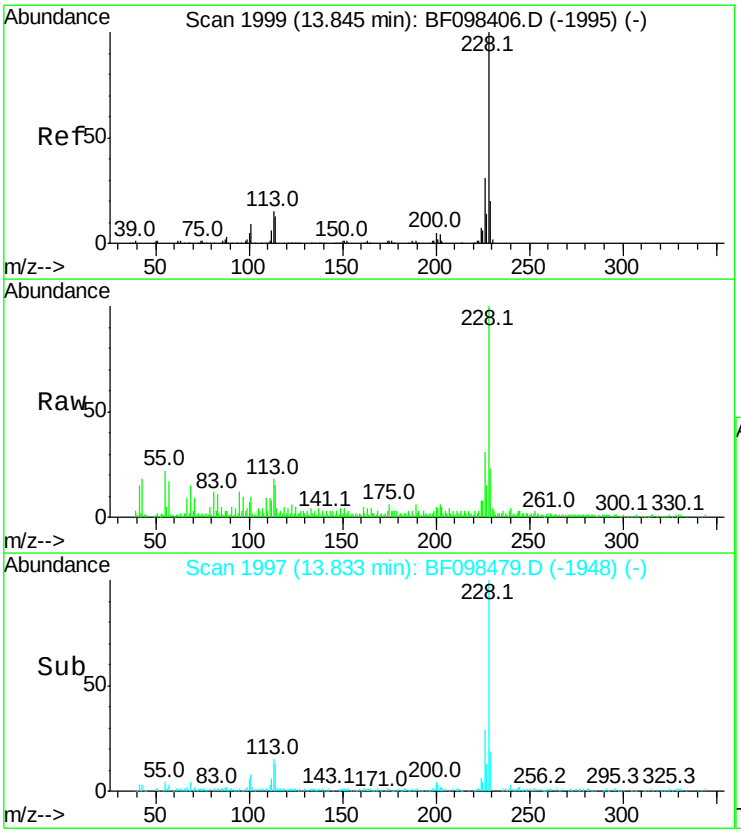
#80
Benzo(a)anthracene
Concen: 4.062 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:228 Resp: 90741

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.0	16.3	24.5

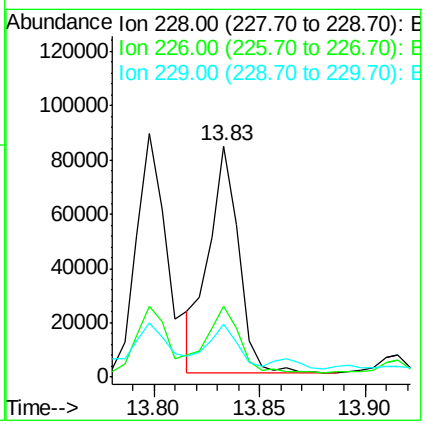


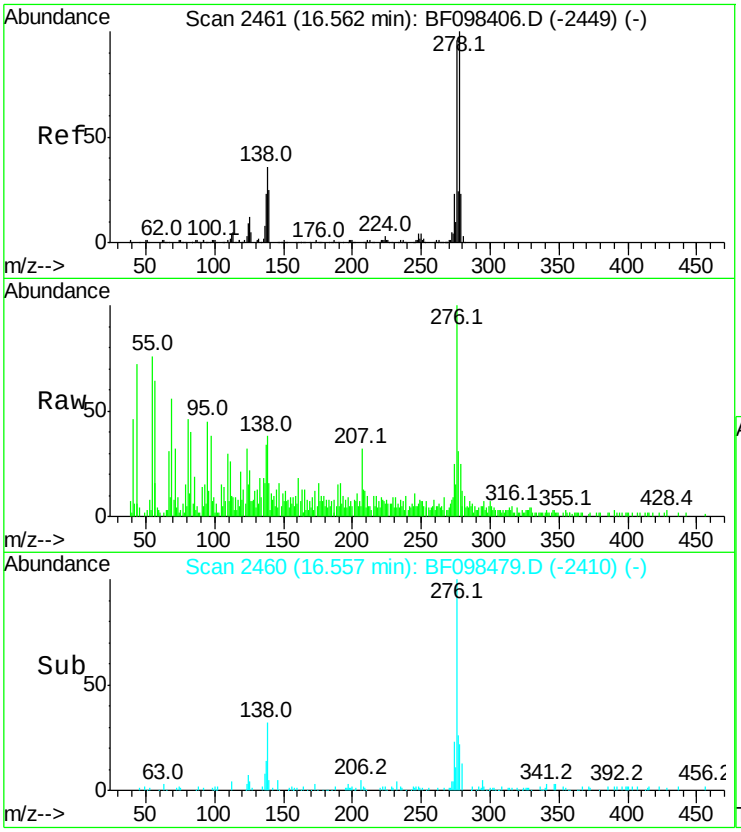


#82
Chrysene
Concen: 3.688 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:228 Resp: 83282

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.7	15.8	23.6



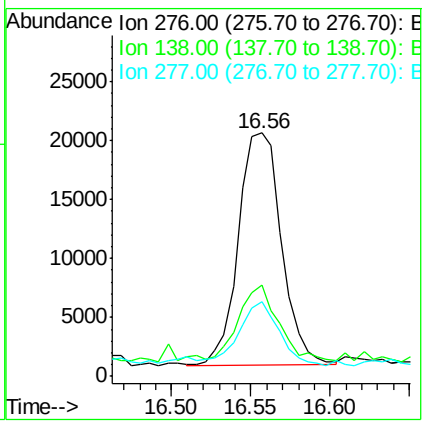


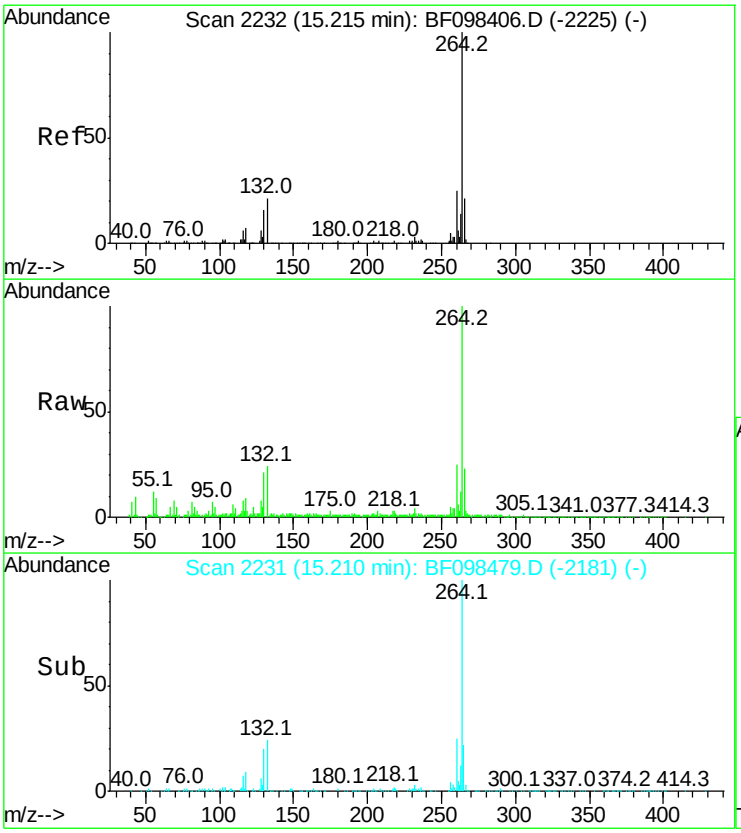
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.347 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:276 Resp: 37179

Ion	Ratio	Lower	Upper
276	100		
138	29.9	27.8	41.6
277	25.8	20.2	30.4

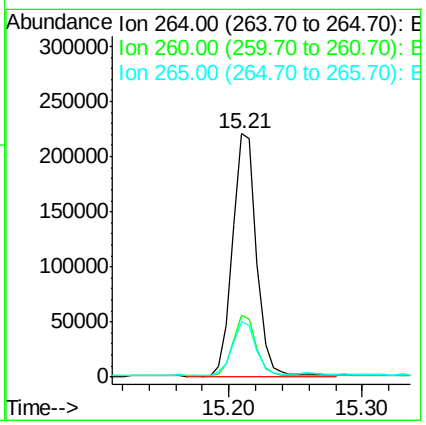


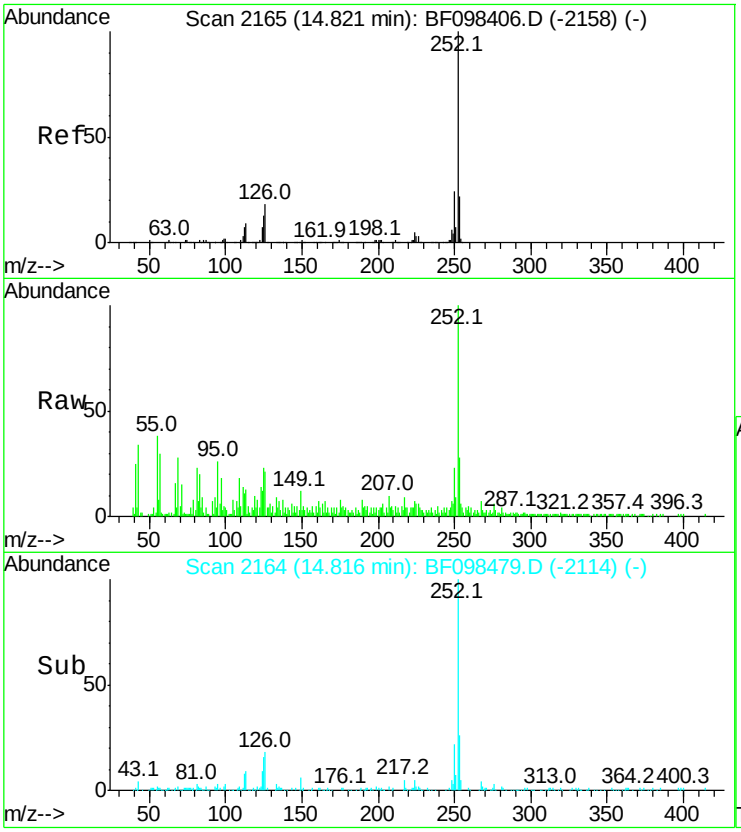


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:264 Resp: 274703

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	23.0	17.2	25.8



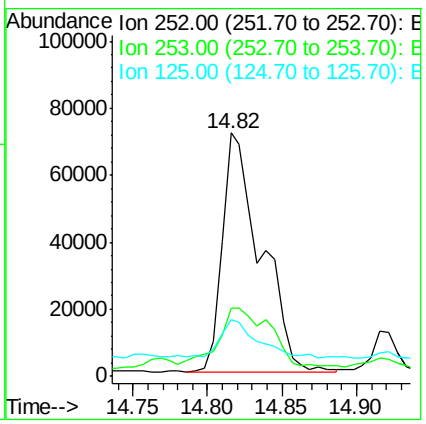


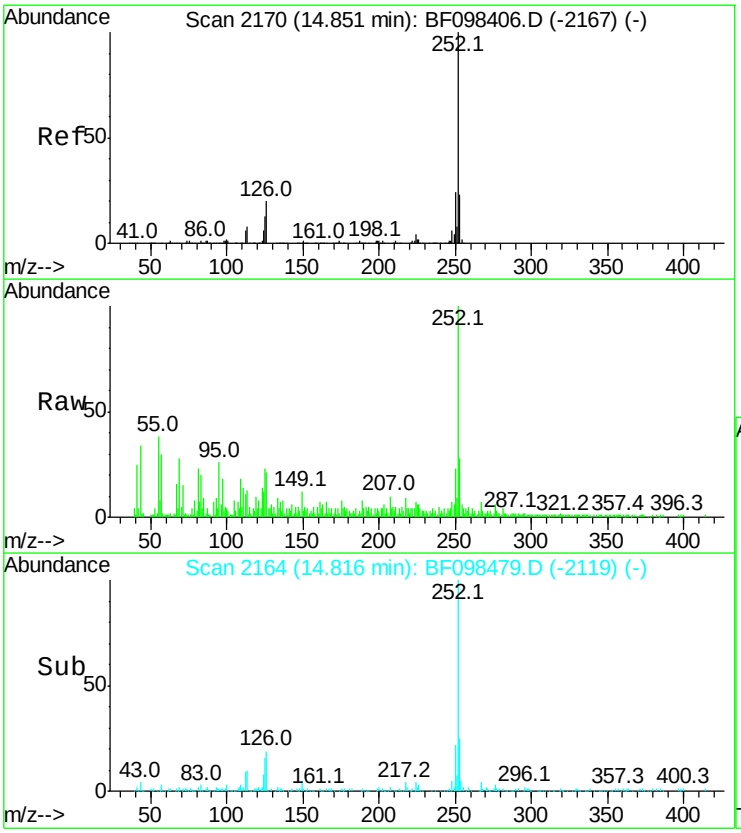
#87
Benzo(b)fluoranthene
Concen: 7.489 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:252 Resp: 129347

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	23.3	9.8	14.8#

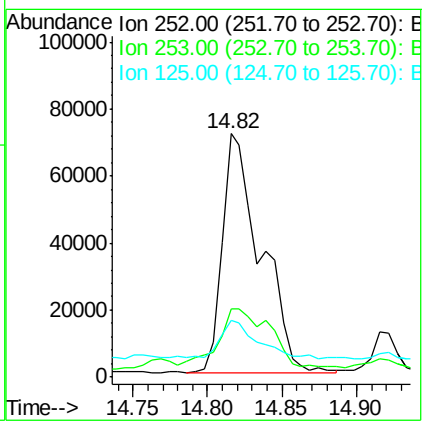


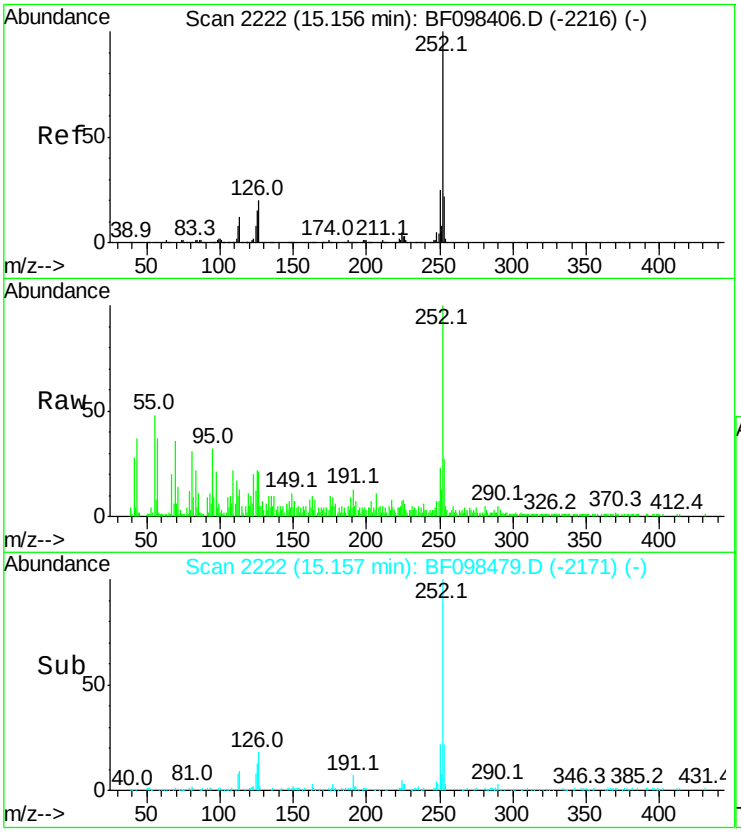


#88
Benzo(k)fluoranthene
Concen: 8.022 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:252 Resp: 129347

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.4	27.6#
125	23.3	13.1	19.7#



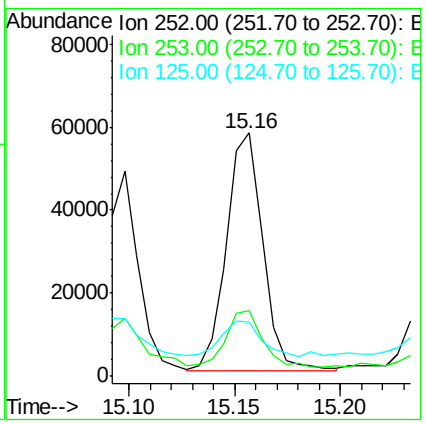


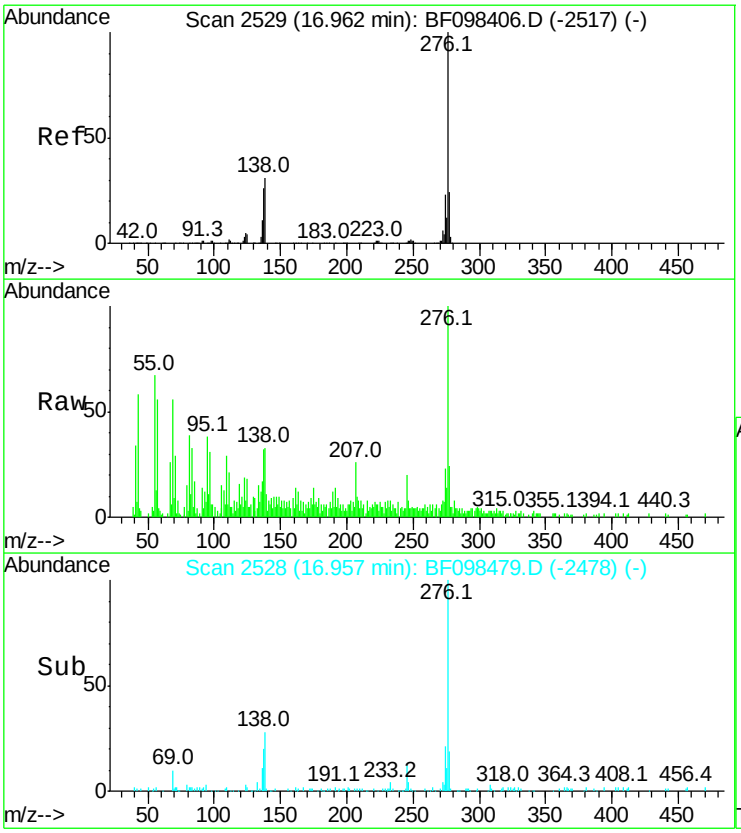
#89
Benzo(a)pyrene
Concen: 4.402 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Instrument :
BNA_F
ClientSampleId :
284-GRAB

Tgt Ion:252 Resp: 67731

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	22.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.902 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF098479.D
Acq: 13 Sep 2017 5:08

Tgt Ion:276 Resp: 43937

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	32.7	25.4	38.0