Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097148.D
Acq On : 28 Jul 2017 12:20
Operator : SJ/JU
Sample : I4397-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2A-14.5-15.0-072117

Quant Time: Jul 28 13:21:19 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	119583	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	495629	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	220760	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	324645	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	208936	20.00	ng		-0.02
86) Perylene-d12	14.96	264	218629	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	650937	82.06	ng		-0.01
7) Phenol-d6	6.15	99	775677	85.65	ng		-0.02
23) Nitrobenzene-d5	7.06	82	446697	52.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	143392	82.21	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	778223	59.83	ng		-0.02
78) Terphenyl-d14	12.57	244	474090	46.26	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.16	94	29317	2.729	ng		94
19) n-Nitroso-di-n-propylamine	7.06	70	59854	10.041	ng	#	88
25) Isophorone	7.06	82	441483	26.683	ng	#	67
49) Dimethylphthalate	9.25	163	149171	8.898	ng		100
56) 2,4-Dinitrotoluene	9.52	165	27515	6.732	ng	#	33
66) 4-Bromophenyl-phenylether	10.30	248	9313	2.875	ng	#	1
70) Phenanthrene	11.01	178	34913	2.007	ng		96
74) Fluoranthene	12.19	202	46230	2.713	ng		99
77) Pyrene	12.42	202	34923	2.042	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097148.D
Acq On : 28 Jul 2017 12:20
Operator : SJ/JU
Sample : I4397-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Quant Time: Jul 28 13:21:19 2017
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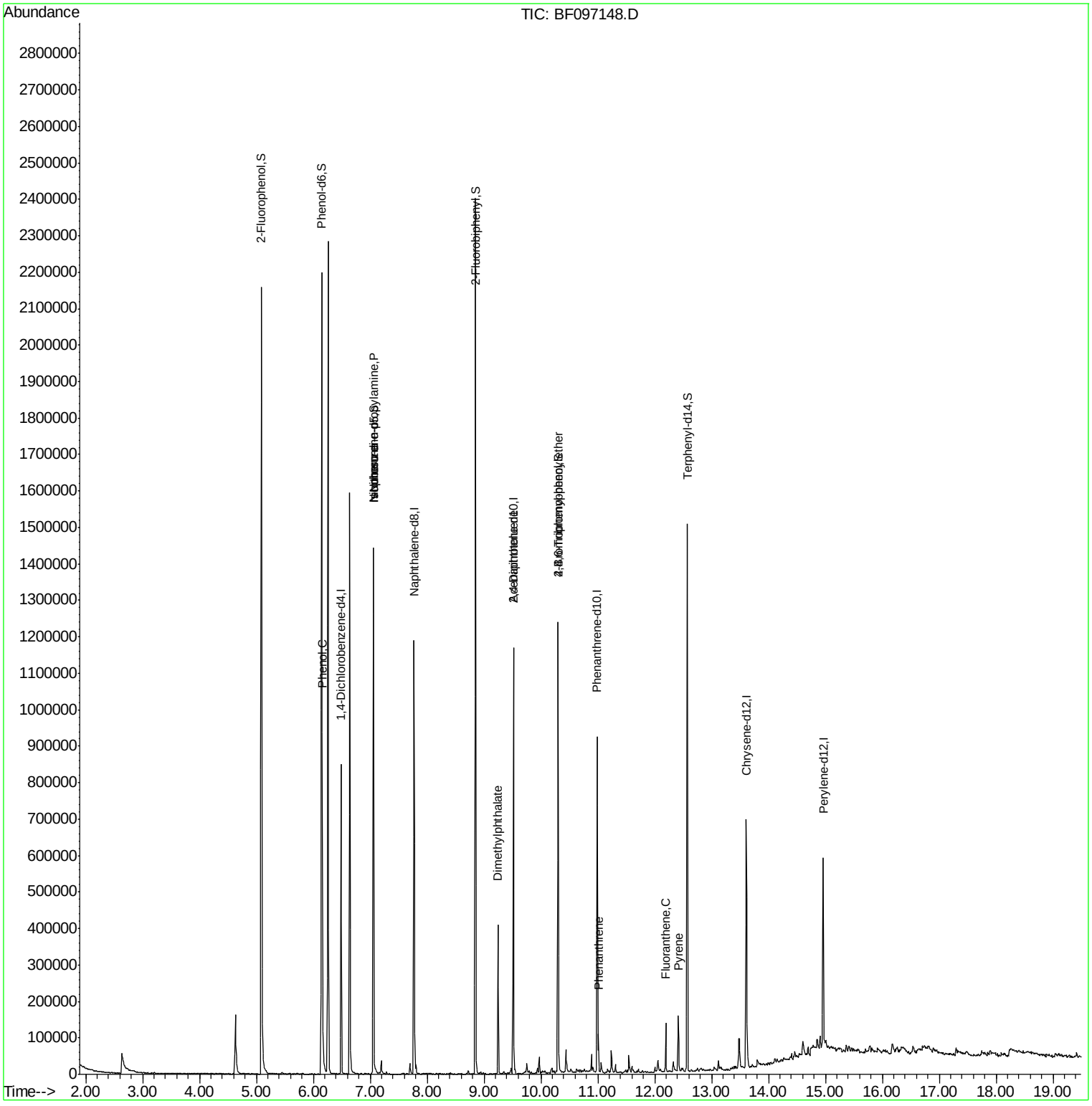
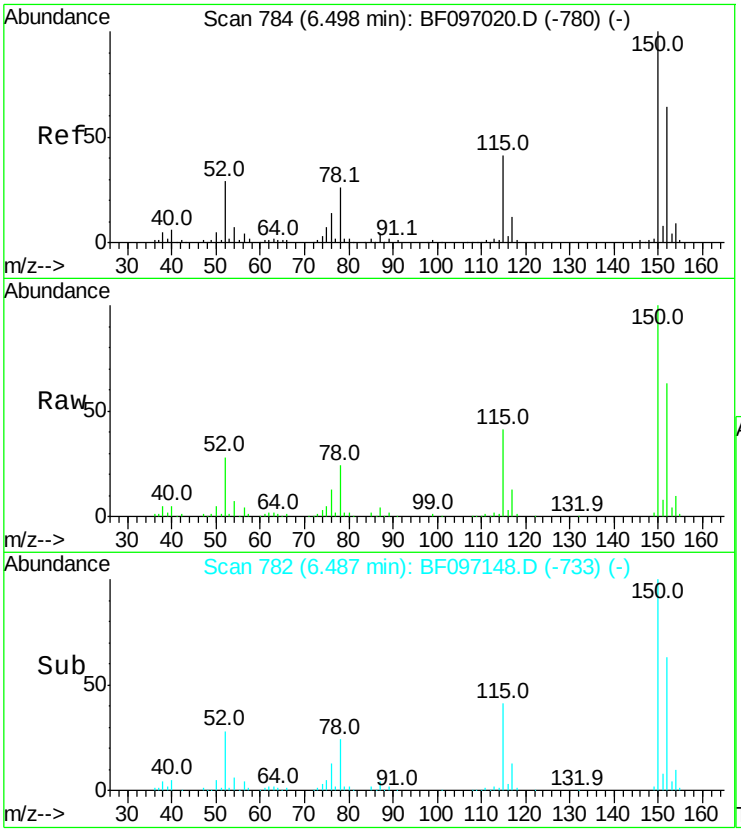


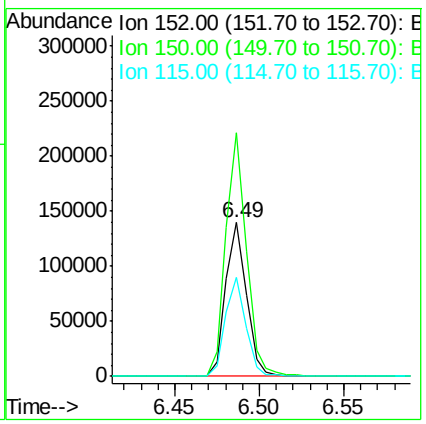


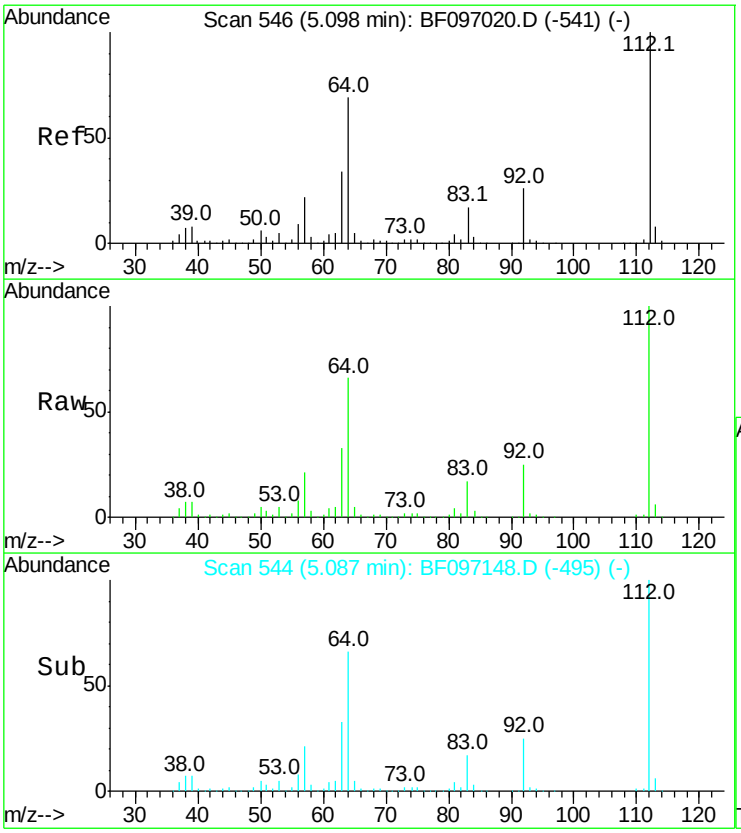
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:152 Resp: 119583

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	64.1	52.2	78.2

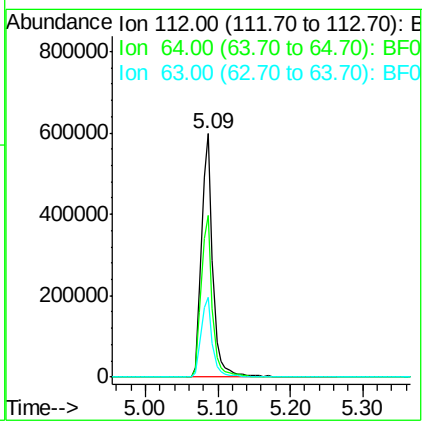


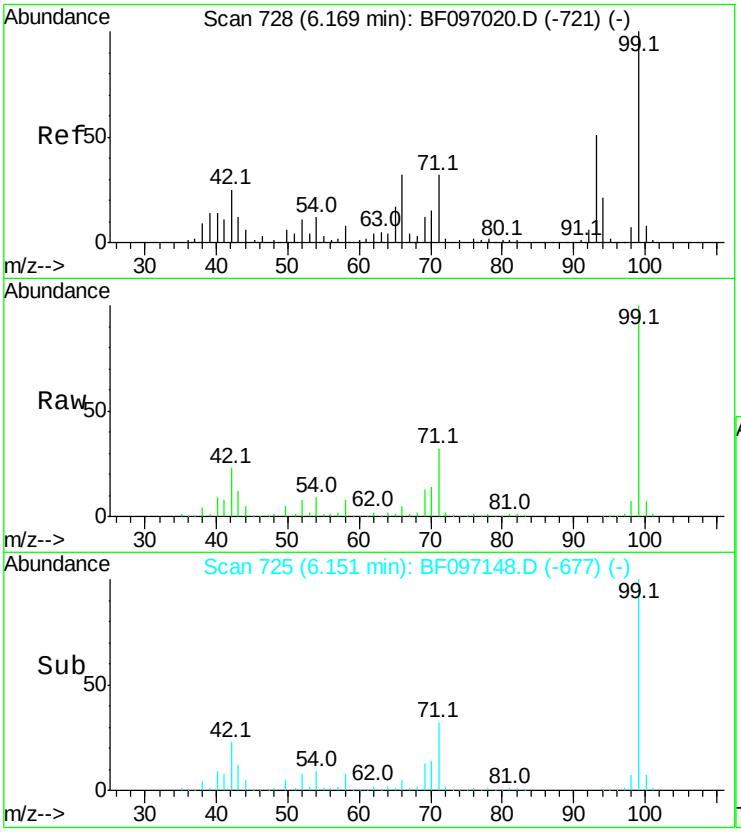


#5
2-Fluorophenol
Concen: 82.058 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:112 Resp: 650937

Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.0	23.4	35.0



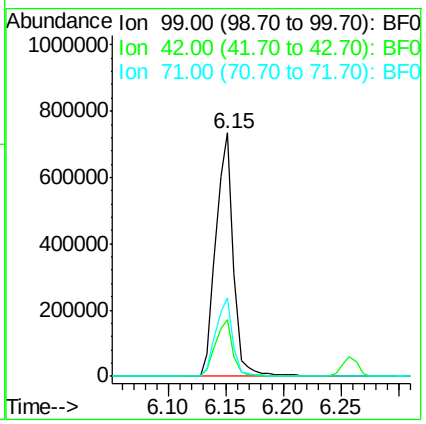


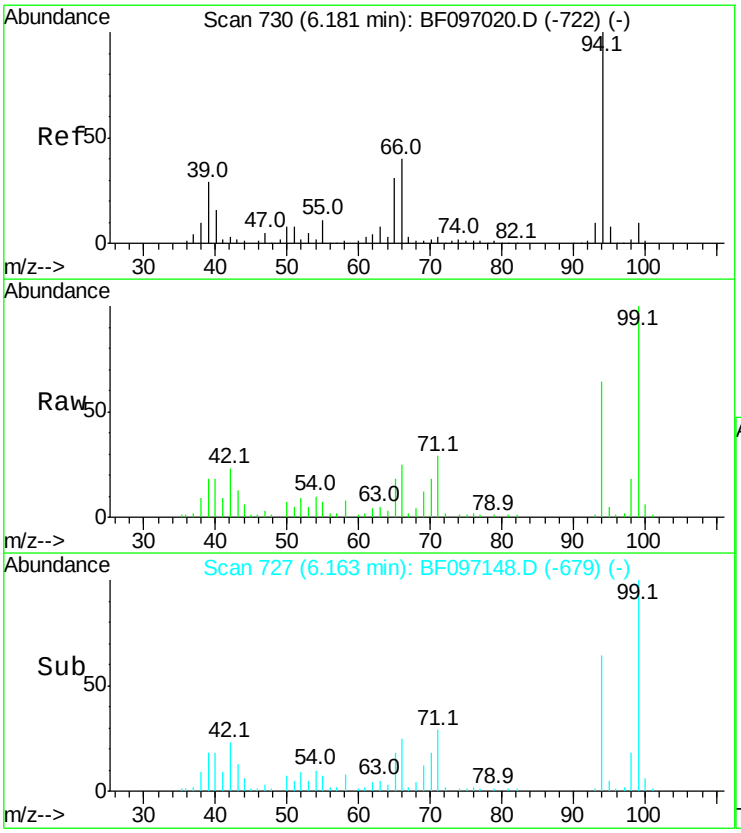
#7
Phenol-d6
Concen: 85.653 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion: 99 Resp: 775677

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	32.4	24.5	36.7

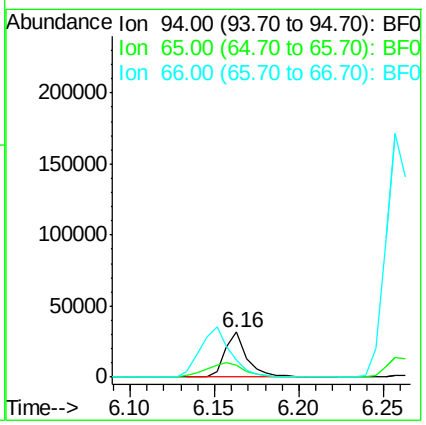


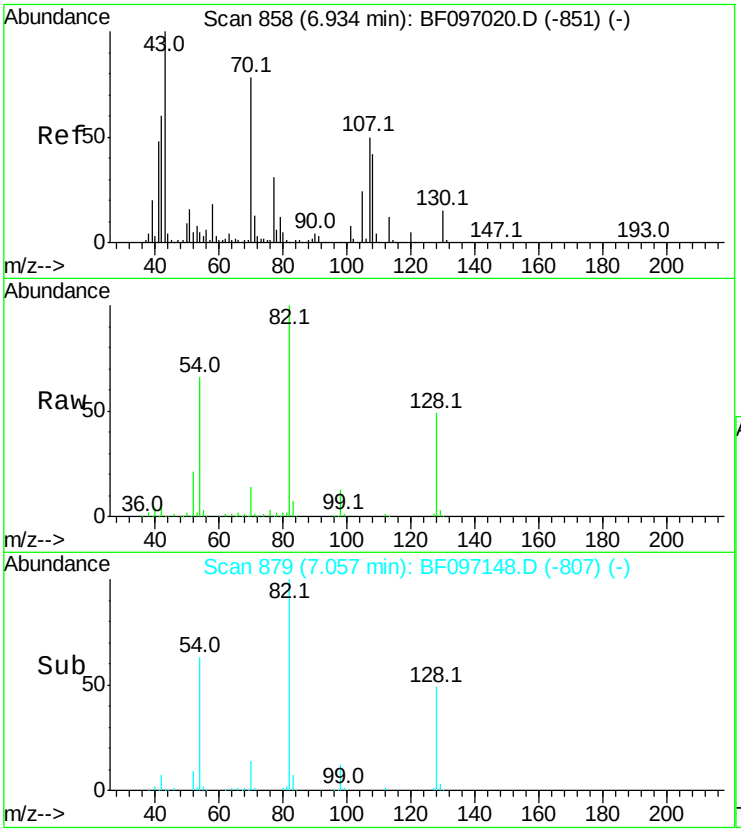


#10
Phenol
Concen: 2.729 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion: 94 Resp: 29317

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	38.8	23.1	63.1



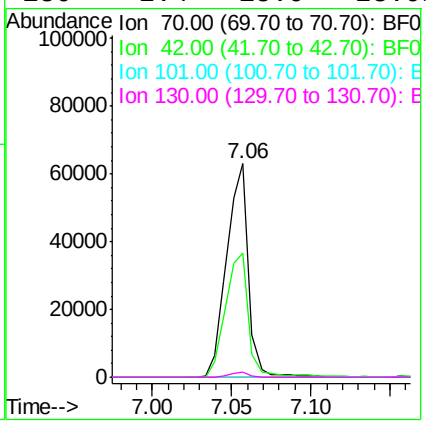


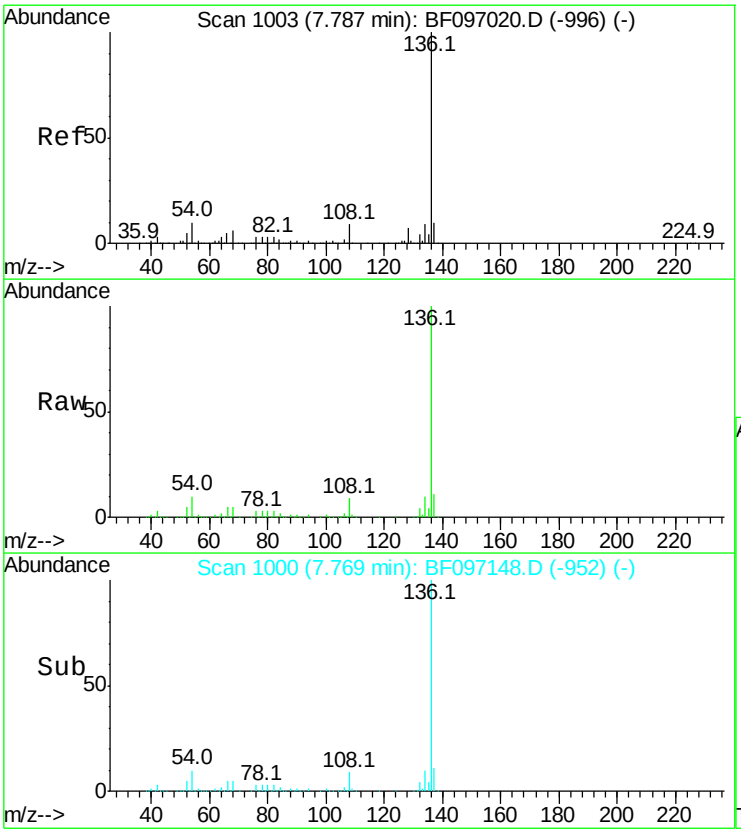
#19
n-Nitroso-di-n-propylamine
Concen: 10.041 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion: 70 Resp: 59854

Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

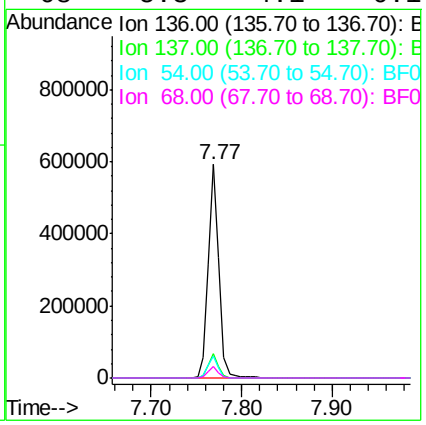


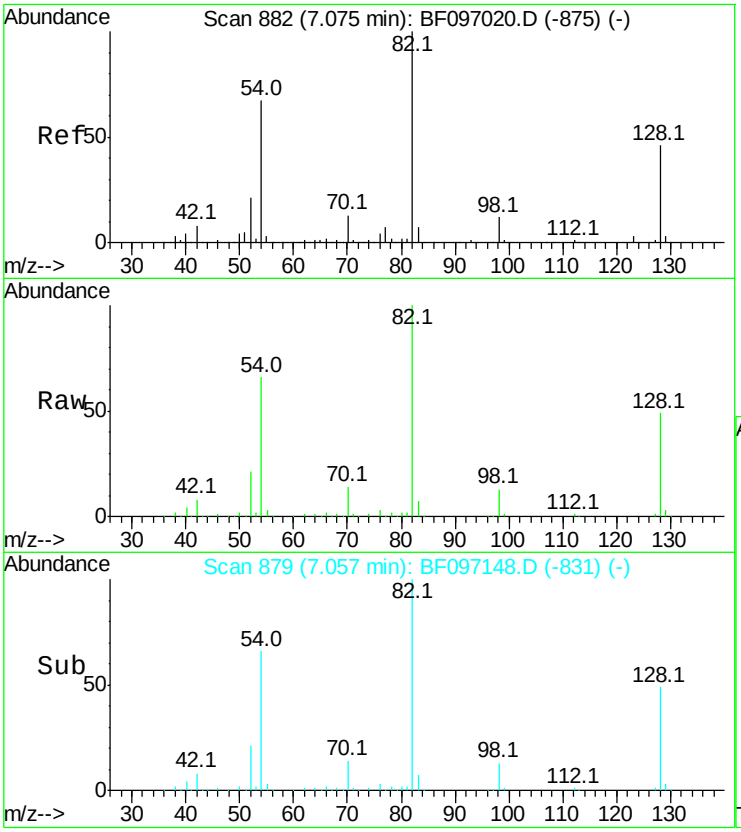


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:136 Resp: 495629

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.5	4.9	7.3#
68	5.3	4.1	6.1



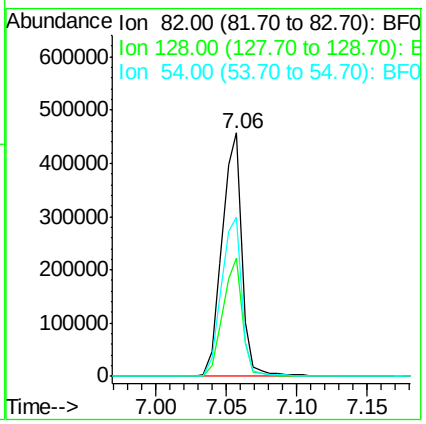


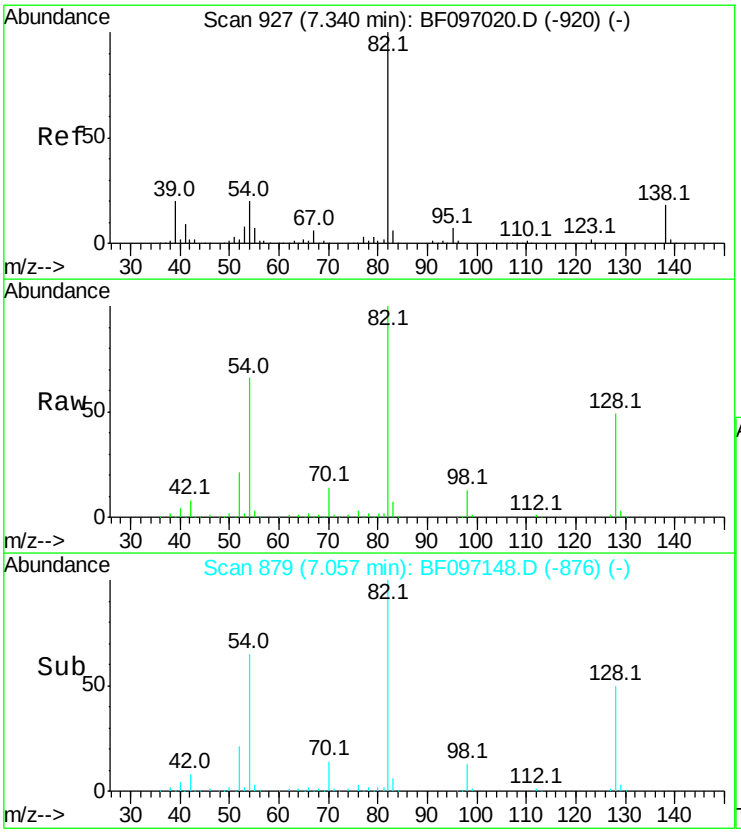
#23
Nitrobenzene-d5
Concen: 52.872 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion: 82 Resp: 446697

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	65.6	42.2	63.2#

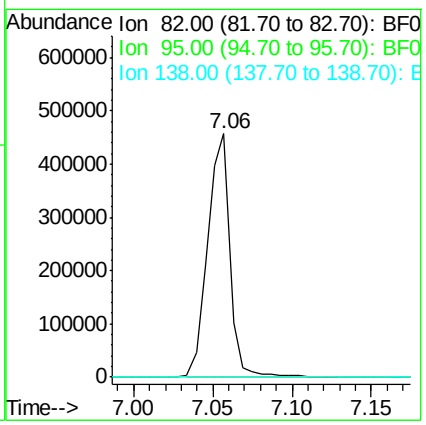


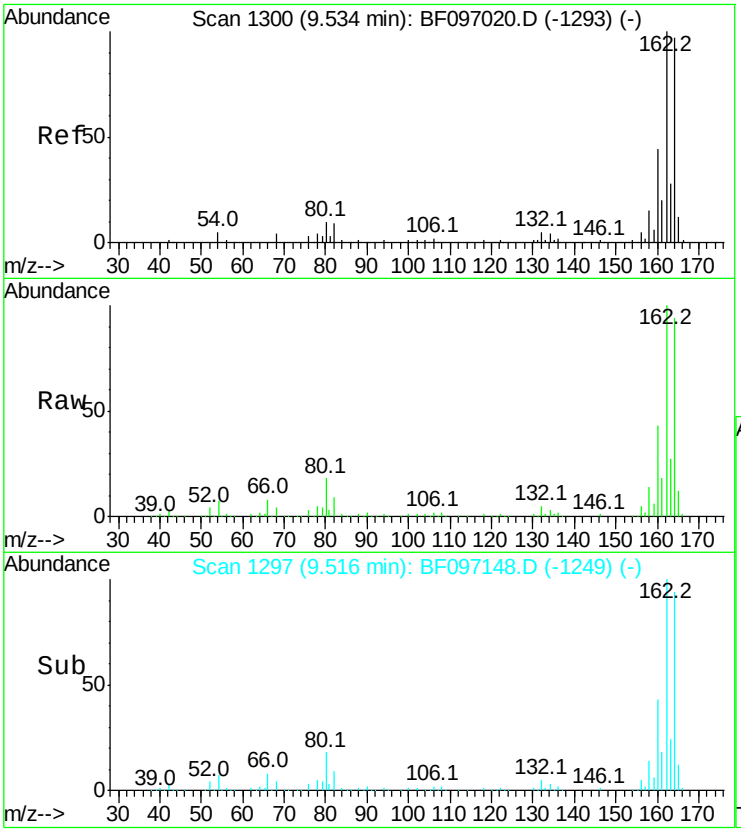


#25
Isophorone
Concen: 26.683 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion: 82 Resp: 441483

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



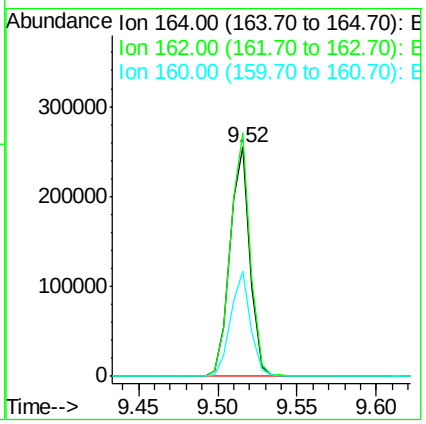


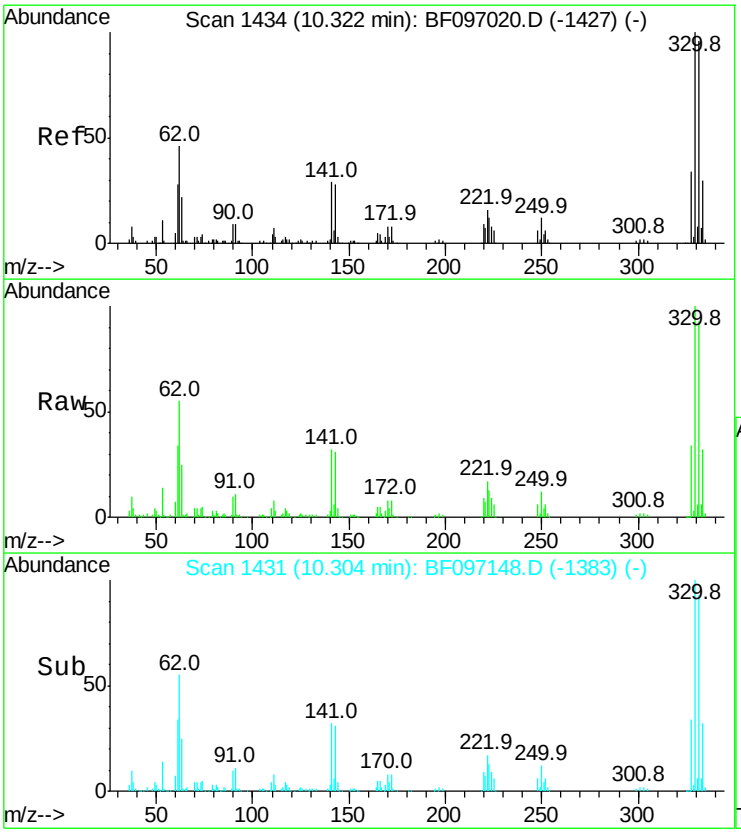
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:164 Resp: 220760

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	46.0	36.2	54.2

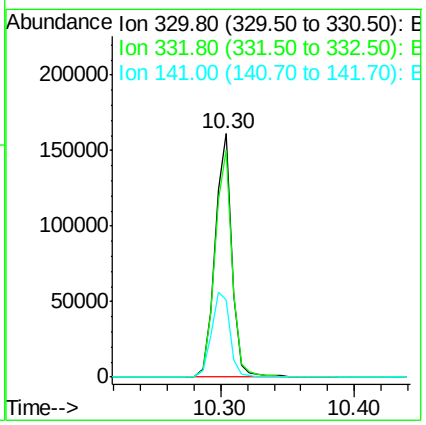


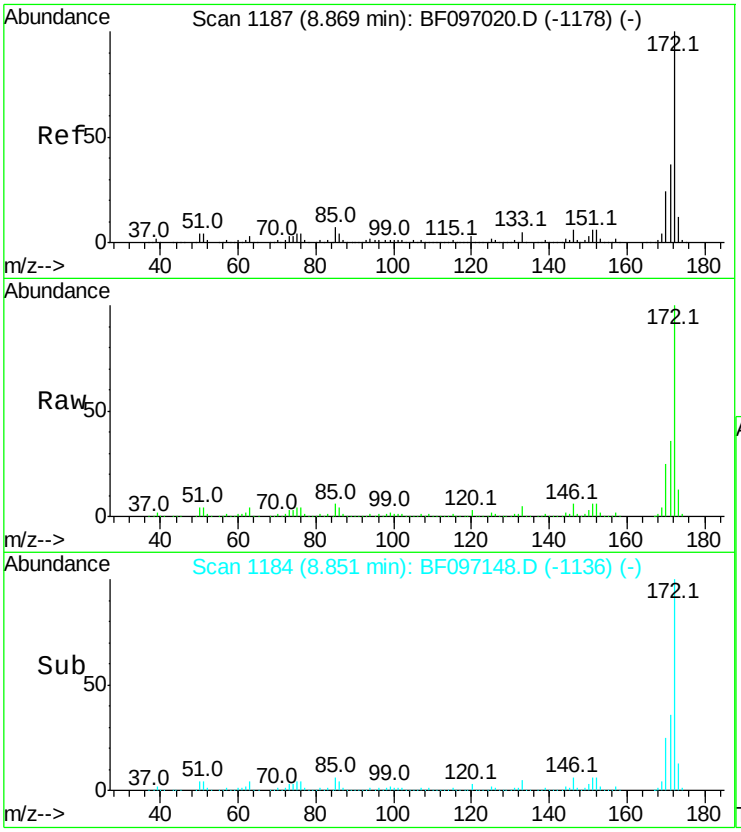


#41
2,4,6-Tribromophenol
Concen: 82.210 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:330 Resp: 143392

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.2	31.4	47.2



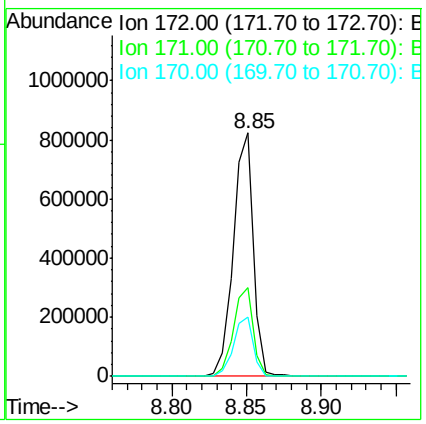


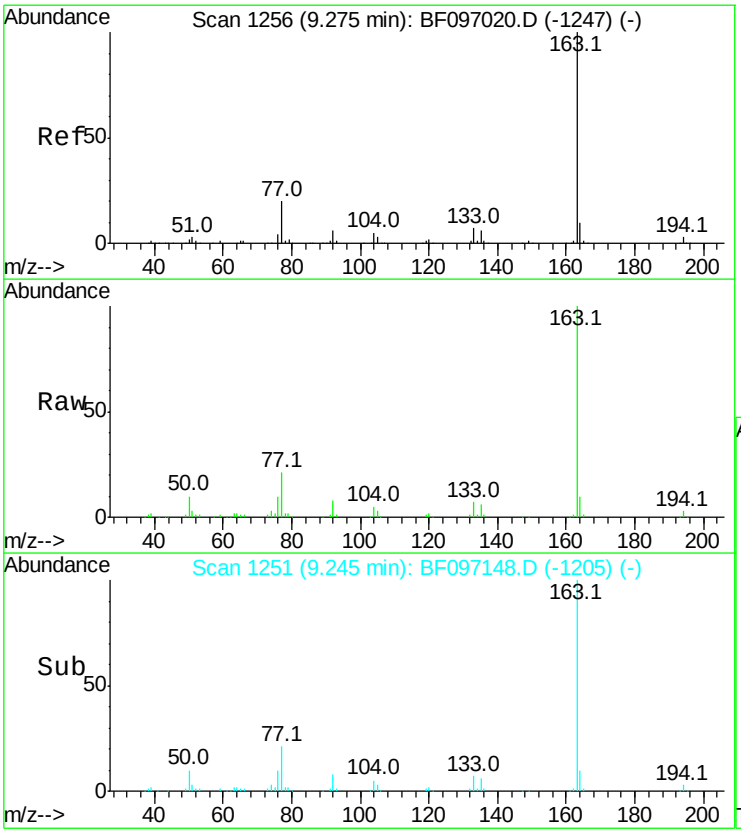
#44
2-Fluorobiphenyl
Concen: 59.826 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:172 Resp: 778223

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8

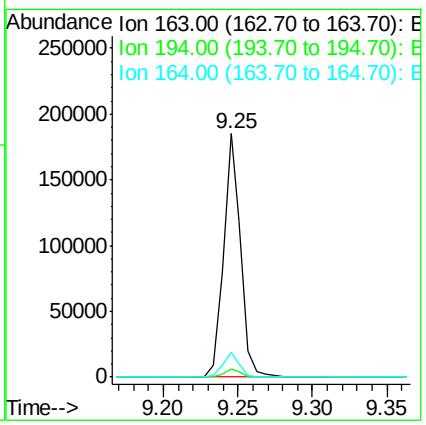


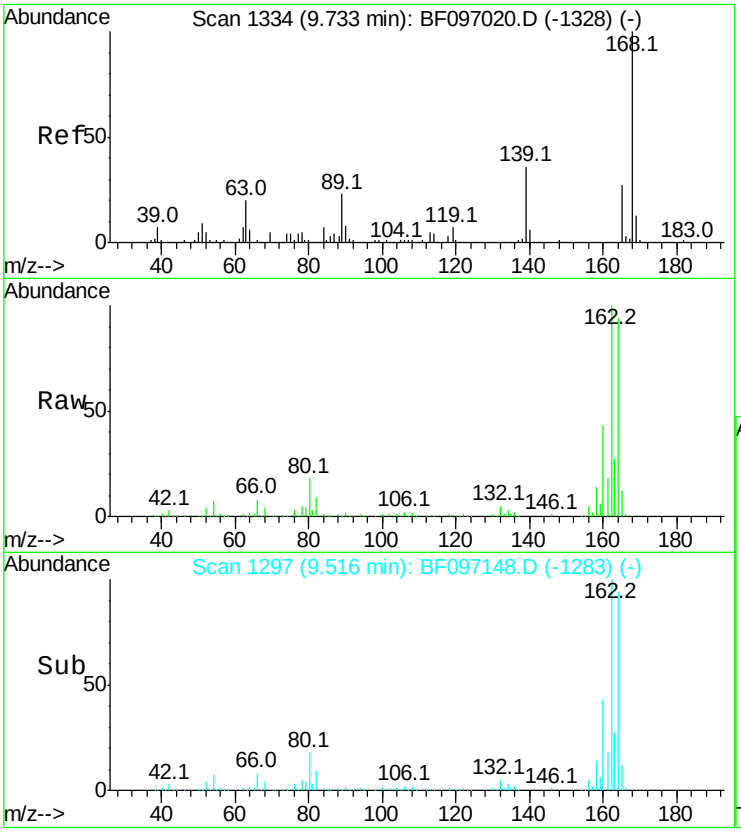


#49
Dimethylphthalate
Concen: 8.898 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:163 Resp: 149171

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6



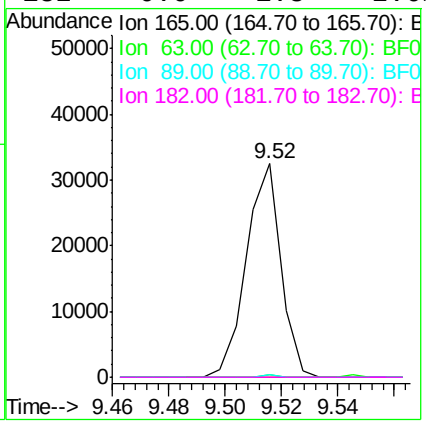


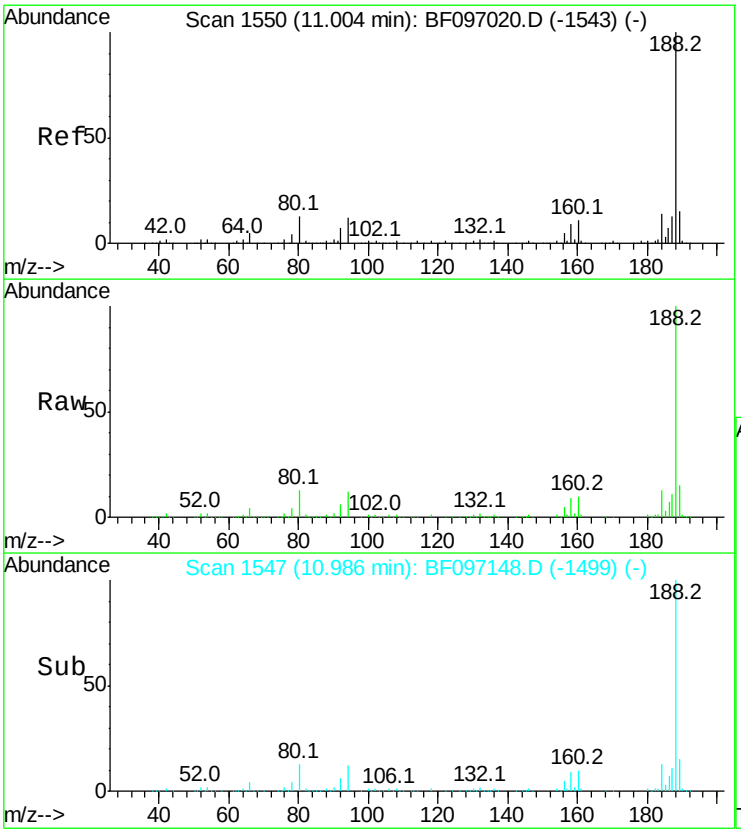
#56
2,4-Dinitrotoluene
Concen: 6.732 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:165 Resp: 27515

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#

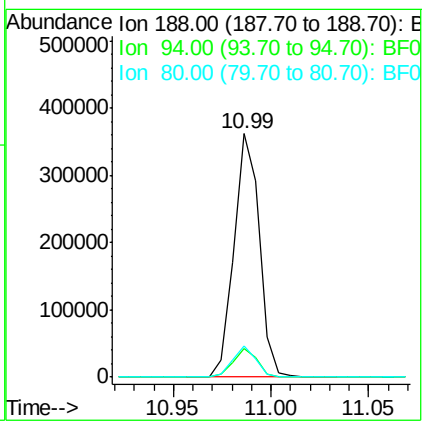


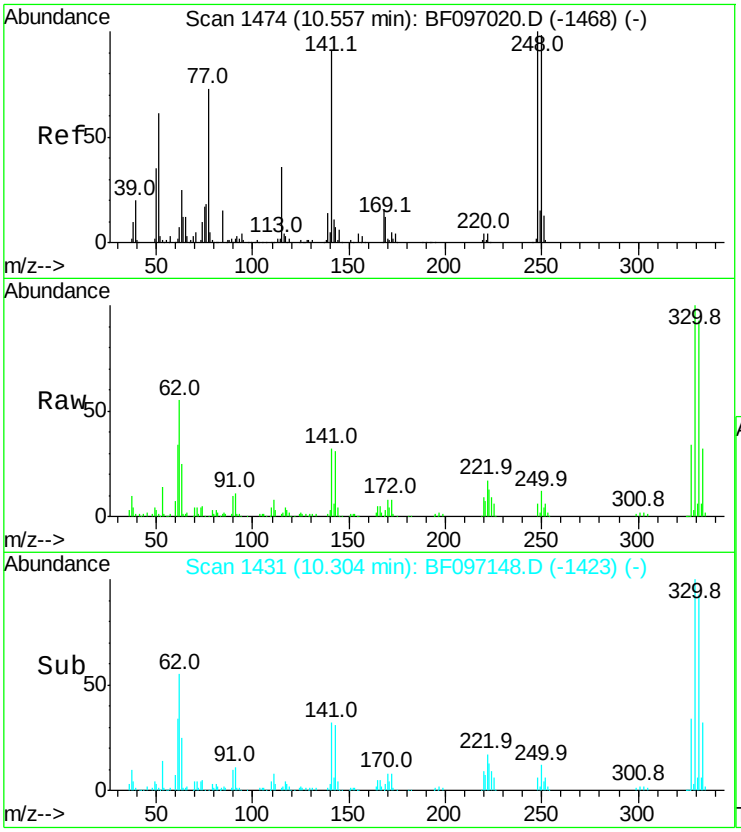


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:188 Resp: 324645

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.5	10.2	15.2



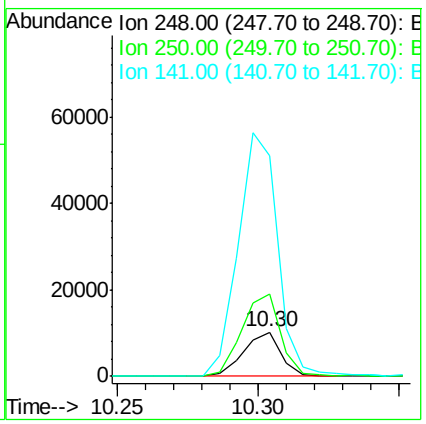


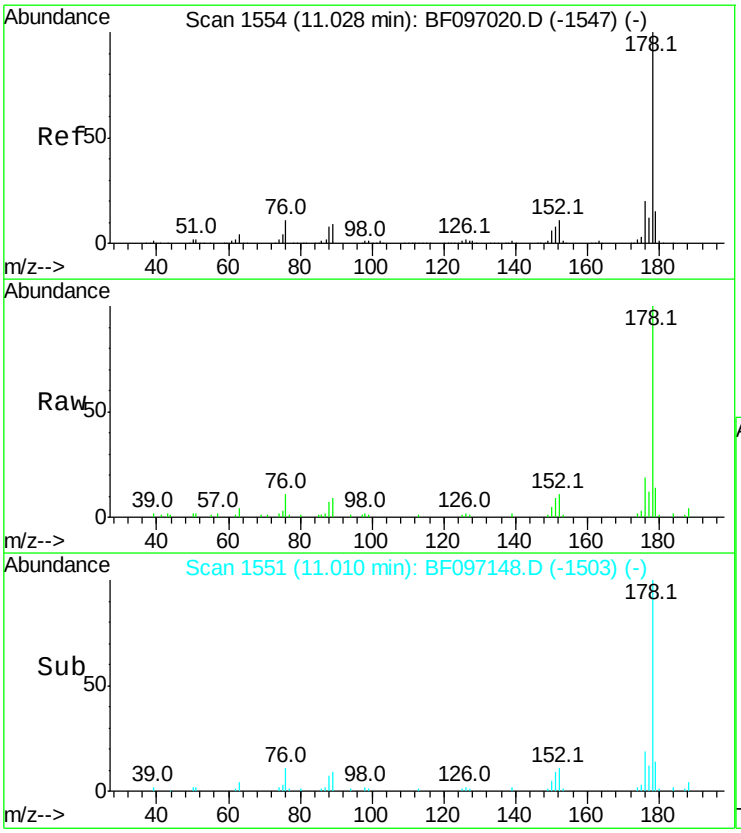
#66
4-Bromophenyl-phenylether
Concen: 2.875 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:248 Resp: 9313

Ion	Ratio	Lower	Upper
248	100		
250	186.1	76.8	115.2#
141	495.7	68.6	103.0#

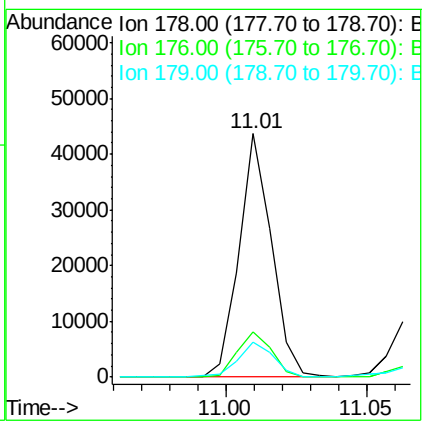


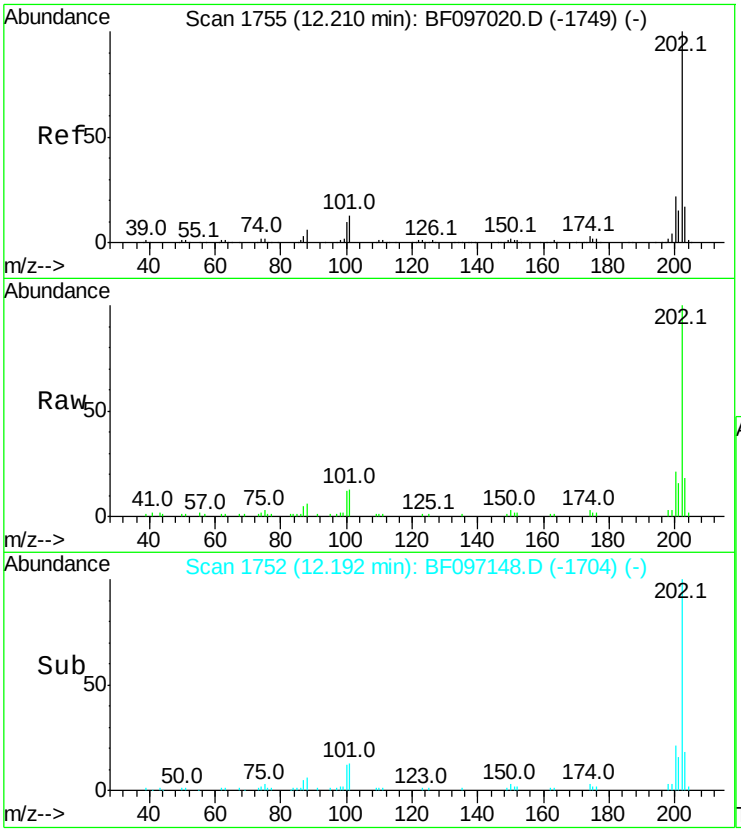


#70
Phenanthrene
Concen: 2.007 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:178 Resp: 34913

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.3	12.6	19.0



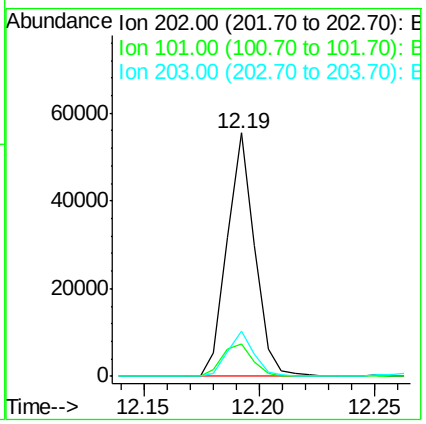


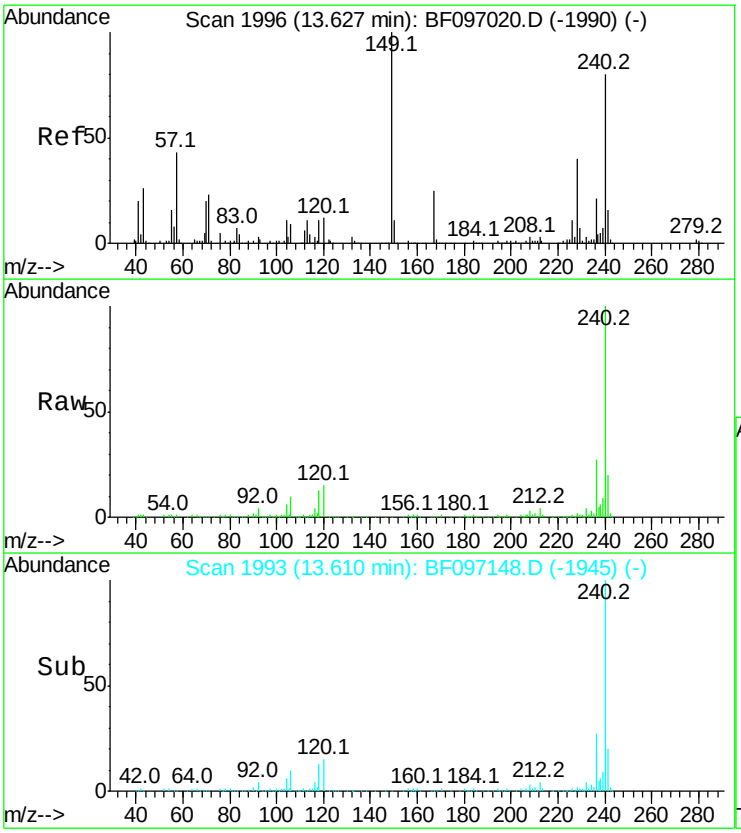
#74
Fluoranthene
Concen: 2.713 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:202 Resp: 46230

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	18.4	0.0	38.1

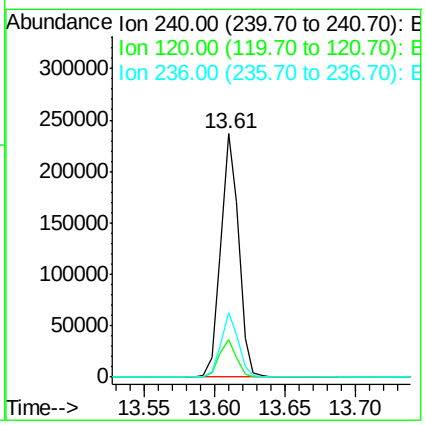


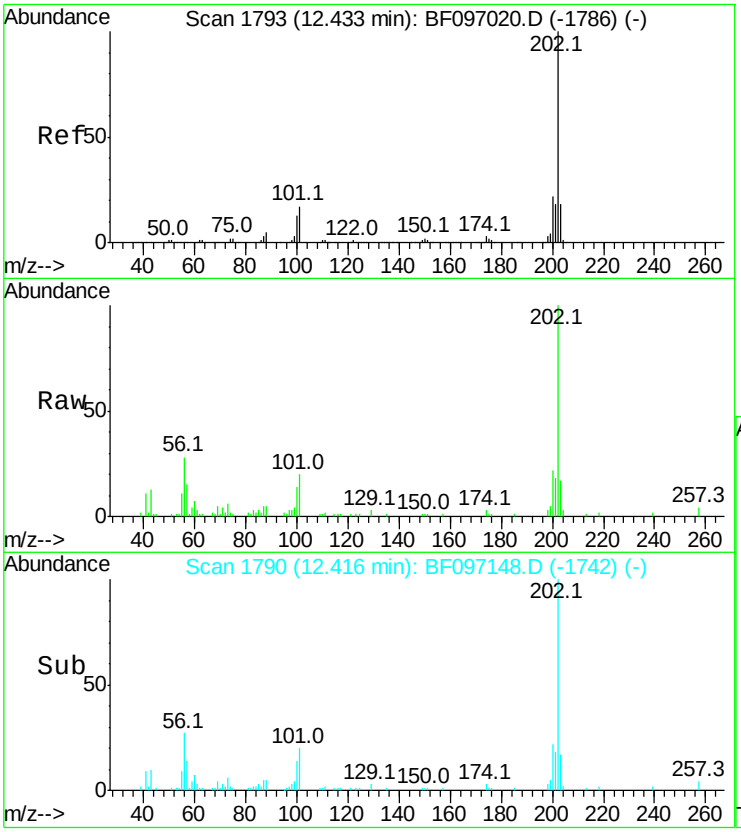


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:240 Resp: 208936

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.6	20.5	30.7



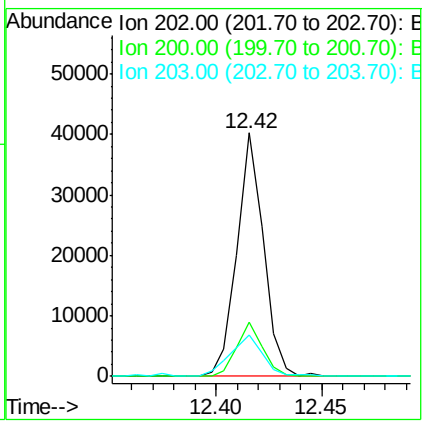


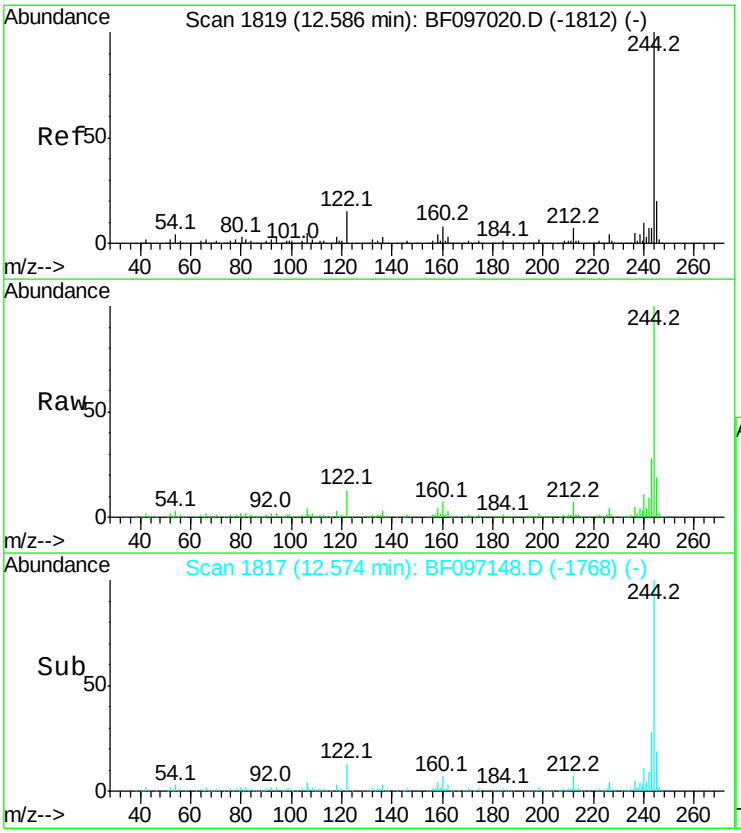
#77
Pyrene
Concen: 2.042 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:202 Resp: 34923

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	17.1	14.4	21.6

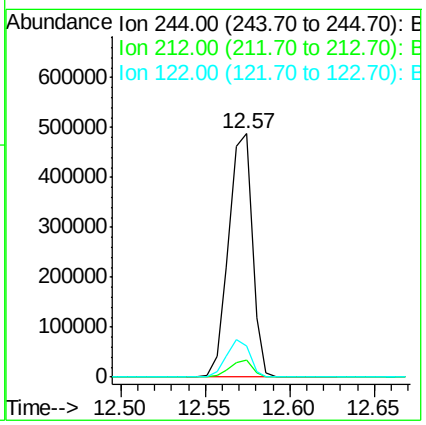


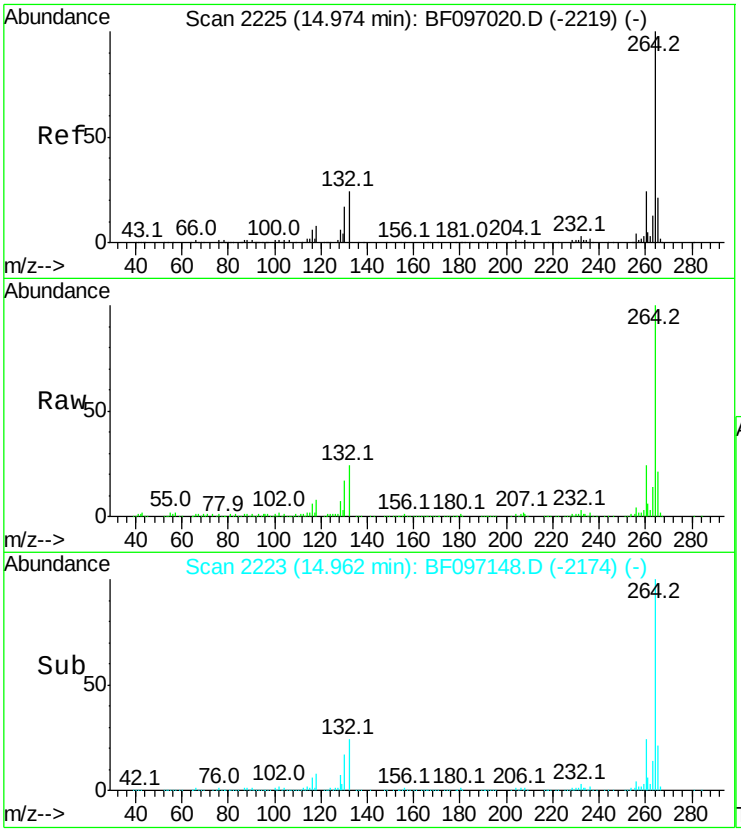


#78
Terphenyl-d14
Concen: 46.263 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:244 Resp: 474090

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.6	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tgt Ion:264 Resp: 218629

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8