Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097103.D
Acq On : 27 Jul 2017 4:10
Operator : SJ/JU
Sample : I4415-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 27 08:22:45 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	6.50	152	94004	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	355426	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	126031	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	201907	20.00	ng		0.00
75) Chrysene-d12	13.63	240	173256	20.00	ng		0.00
86) Perylene-d12	14.99	264	110310	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	663776	106.45	ng		0.00
7) Phenol-d6	6.16	99	723453	101.62	ng		-0.01
23) Nitrobenzene-d5	7.06	82	392625	64.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	110962	111.43	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	616744	83.05	ng		-0.01
78) Terphenyl-d14	12.59	244	417704	49.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.17	94	28497	3.375	ng		94
19) n-Nitroso-di-n-propylamine	7.06	70	53386	11.393	ng	#	89
25) Isophorone	7.06	82	386862	32.605	ng	#	67
49) Dimethylphthalate	9.26	163	83342	8.708	ng		100
56) 2,4-Dinitrotoluene	9.52	165	16554	7.094	ng	#	33
66) 4-Bromophenyl-phenylether	10.31	248	7053	3.500	ng	#	1
70) Phenanthrene	11.02	178	21902	2.025	ng		100
74) Fluoranthene	12.20	202	70134	6.618	ng		98
77) Pyrene	12.43	202	90439	6.376	ng		98
80) Benzo(a)anthracene	13.62	228	28584	2.550	ng	#	91
82) Chrysene	13.65	228	29219	2.669	ng	#	85
87) Benzo(b)fluoranthene	14.62	252	33888	5.111	ng	#	66
88) Benzo(k)fluoranthene	14.62	252	33888	5.363	ng	#	70
89) Benzo(a)pyrene	14.93	252	17710	2.918	ng	#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097103.D
Acq On : 27 Jul 2017 4:10
Operator : SJ/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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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
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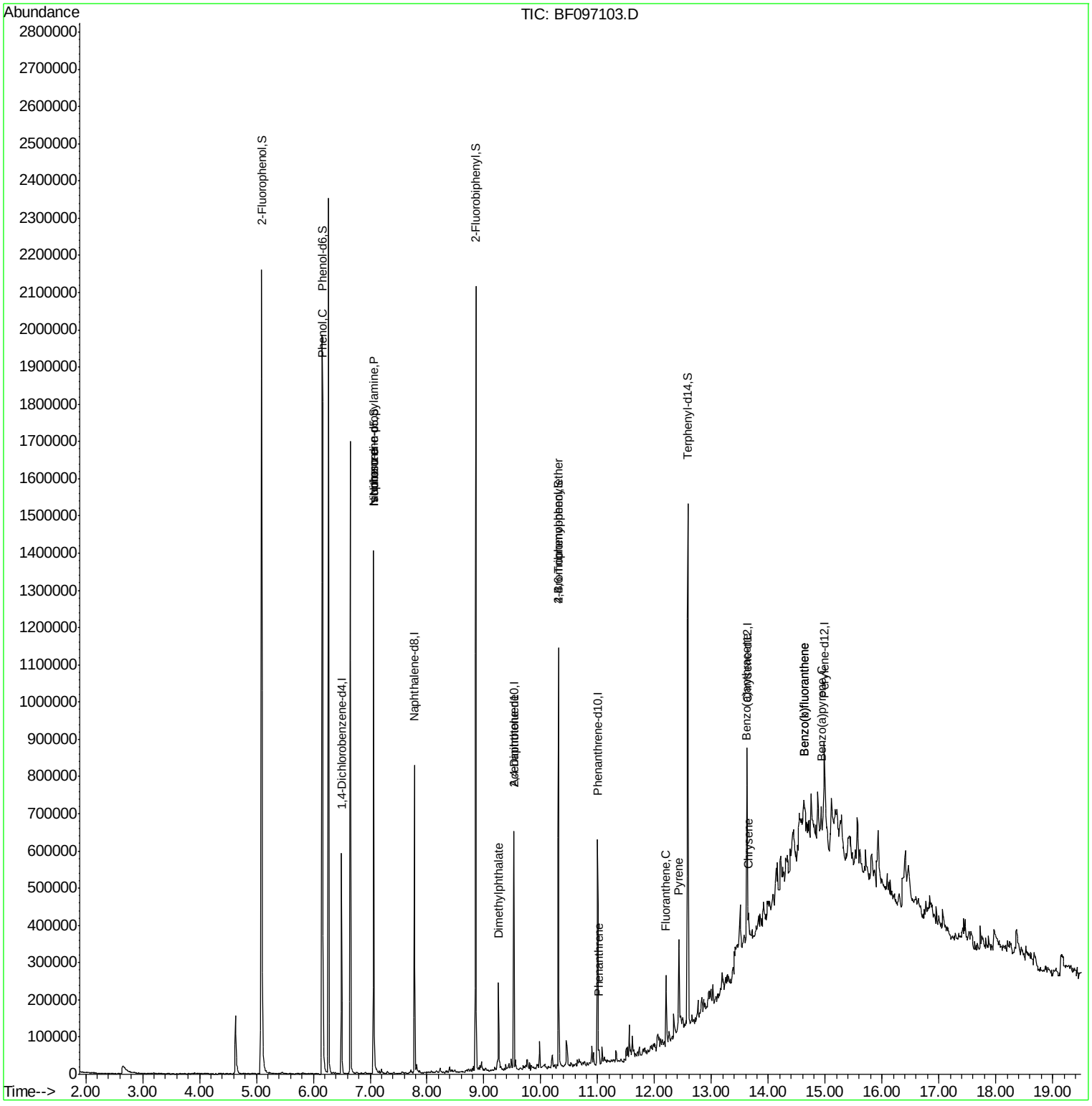
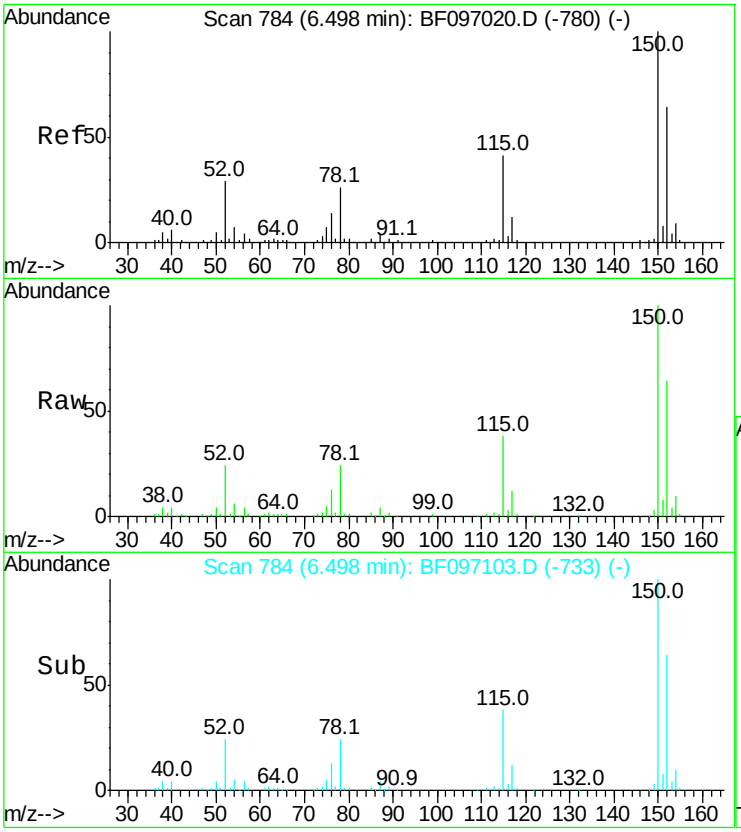


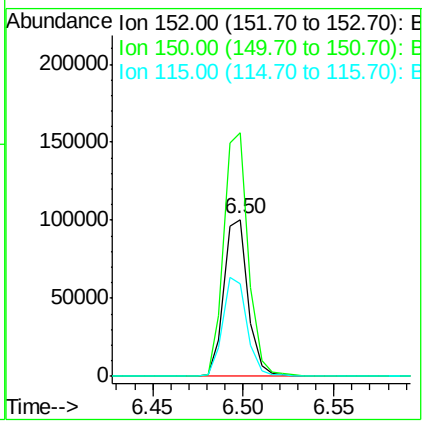


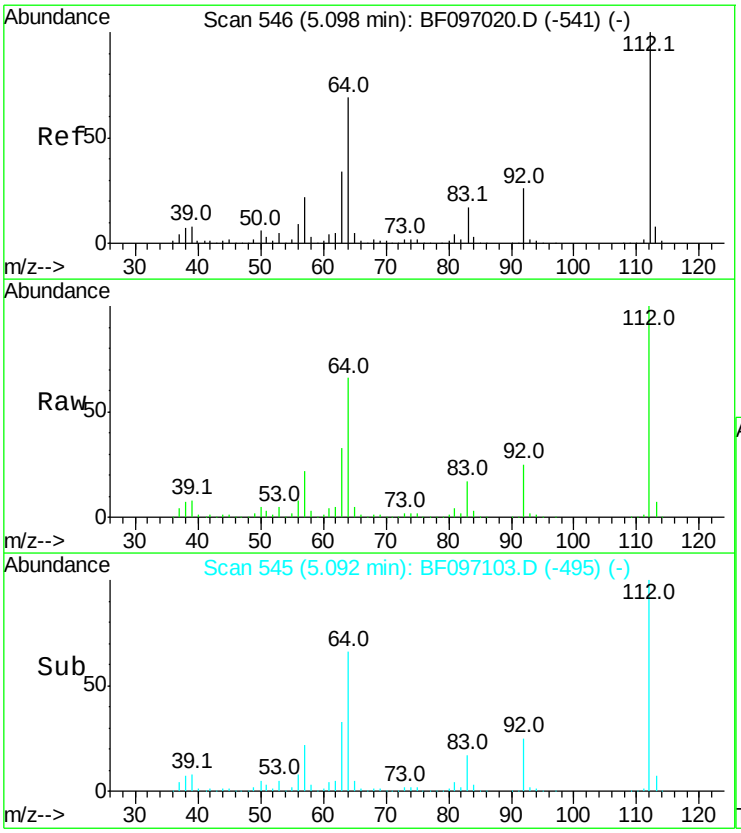
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94004

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	59.2	52.2	78.2

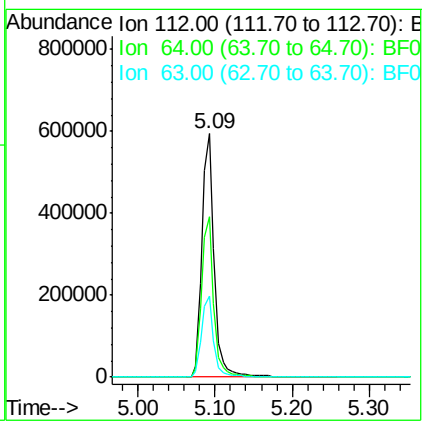


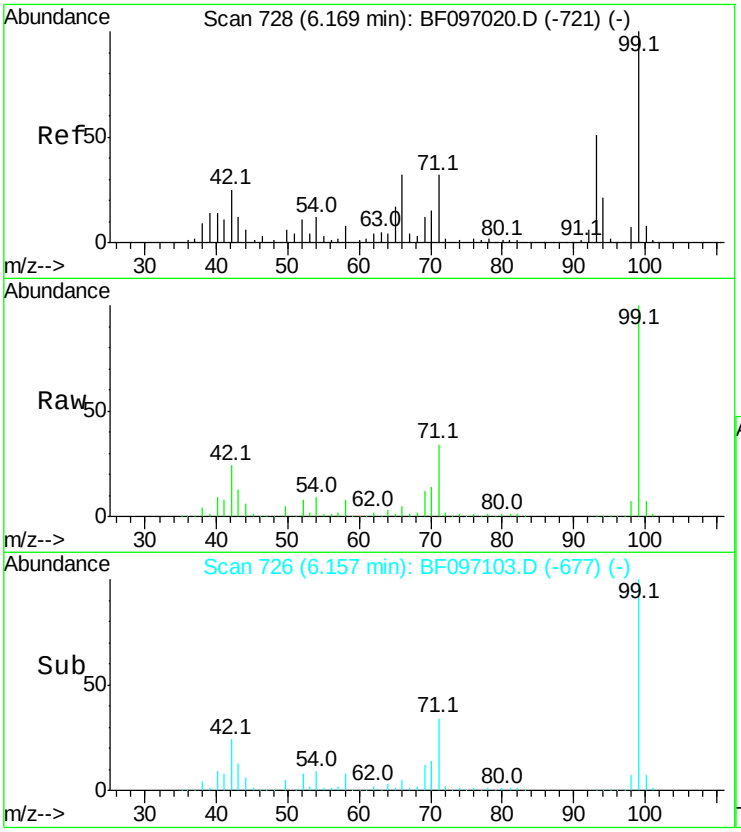


#5
2-Fluorophenol
Concen: 106.446 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:112 Resp: 663776

Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	33.3	23.4	35.0



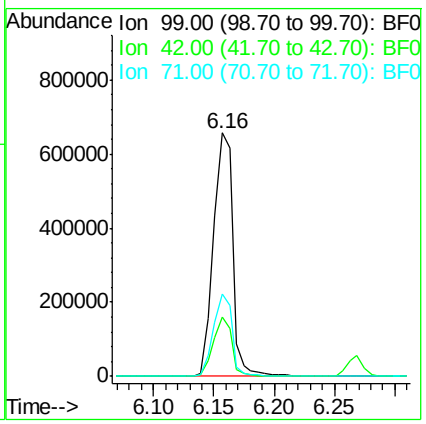


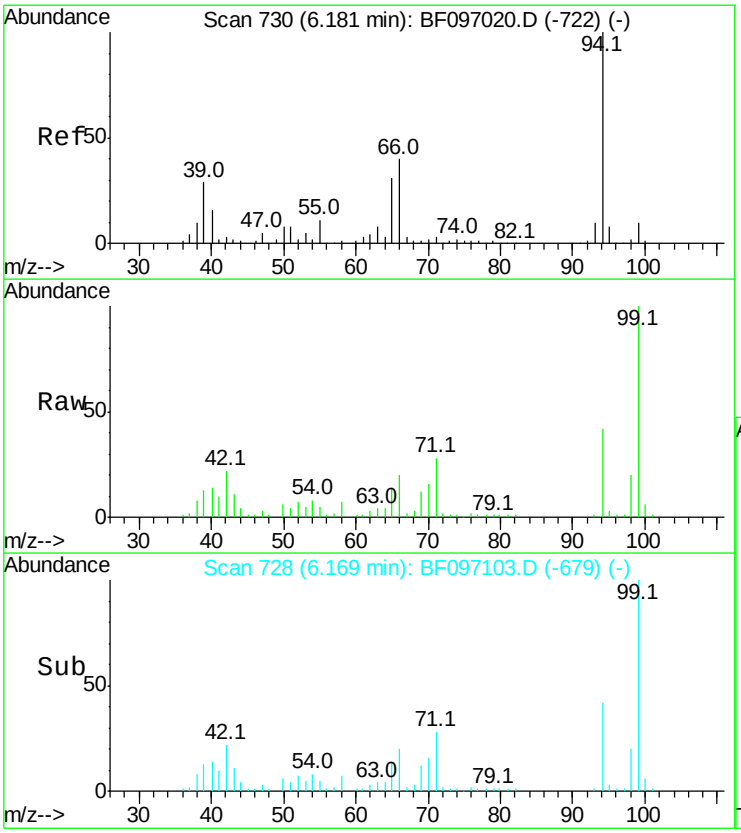
#7
Phenol-d6
Concen: 101.624 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 723453

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	34.1	24.5	36.7

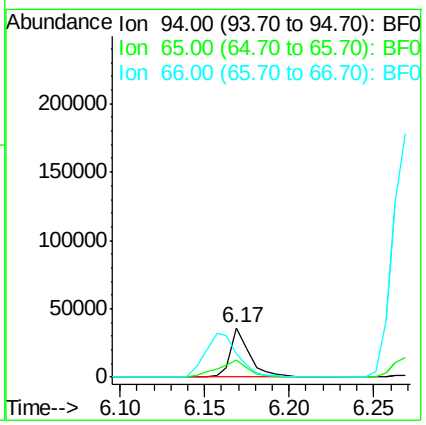


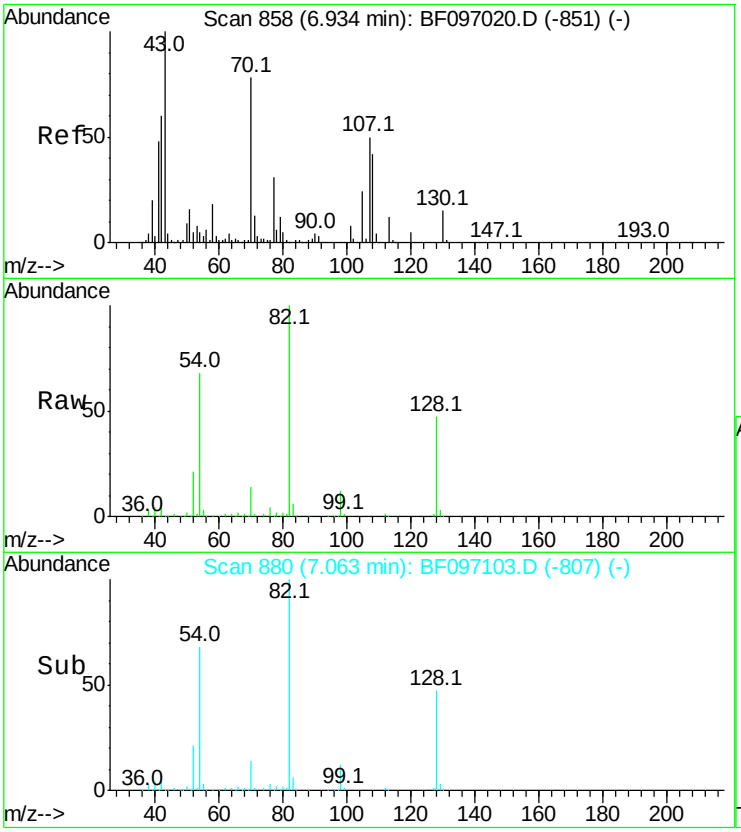


#10
Phenol
Concen: 3.375 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion: 94 Resp: 28497

Ion	Ratio	Lower	Upper
94	100		
65	33.9	9.9	49.9
66	46.8	23.1	63.1



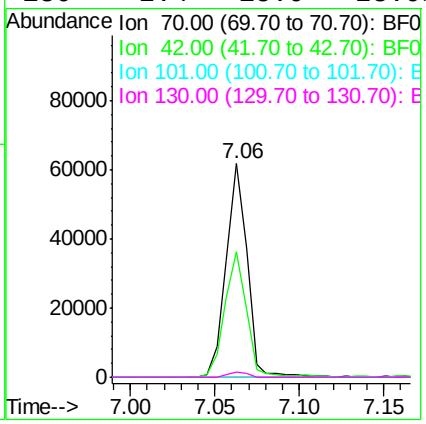


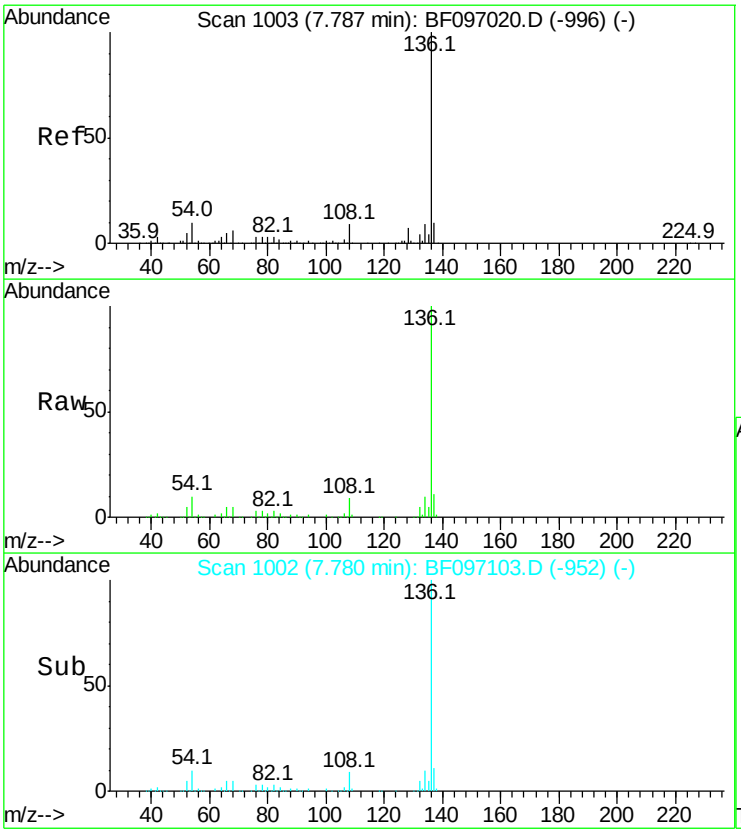
#19
n-Nitroso-di-n-propylamine
Concen: 11.393 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 53386

Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

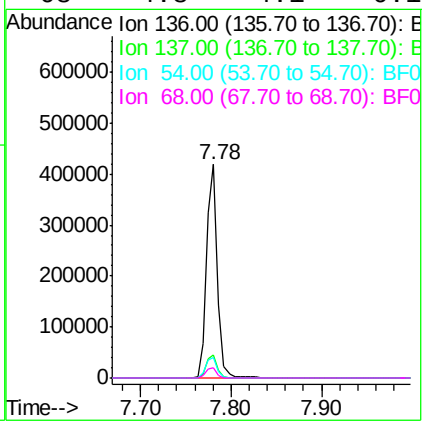


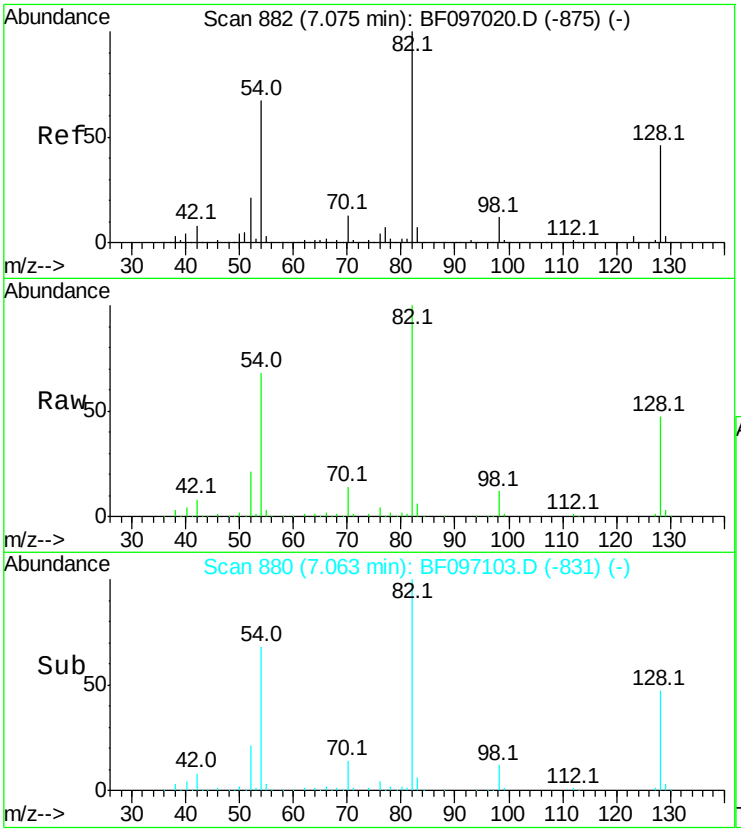


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:136 Resp: 355426

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.5	4.9	7.3#
68	4.8	4.1	6.1



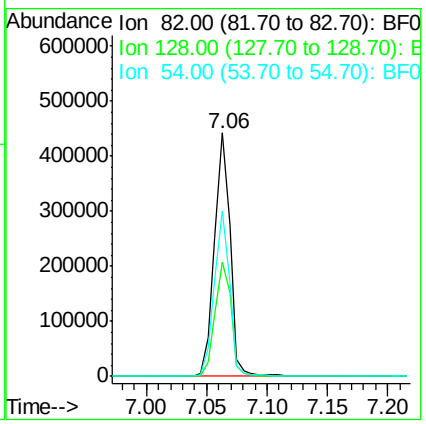


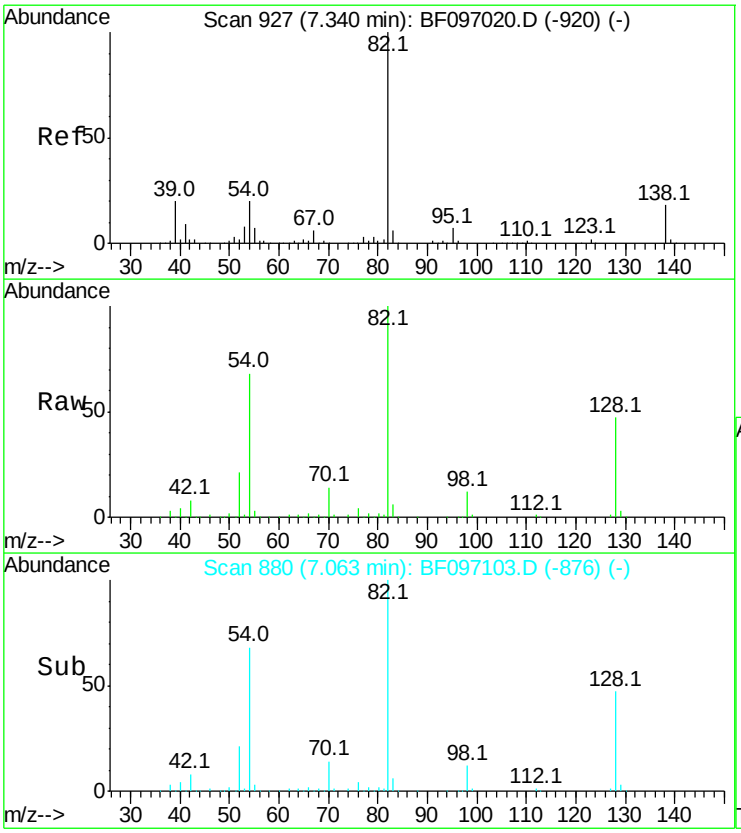
#23
Nitrobenzene-d5
Concen: 64.804 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 392625

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	68.0	42.2	63.2#

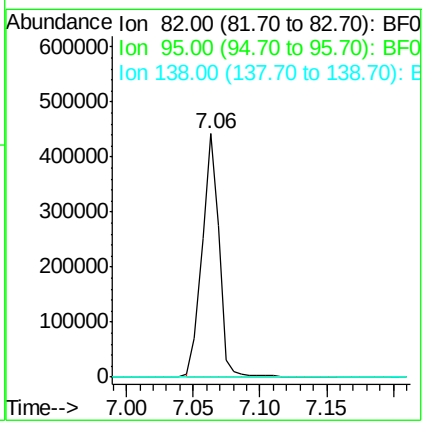


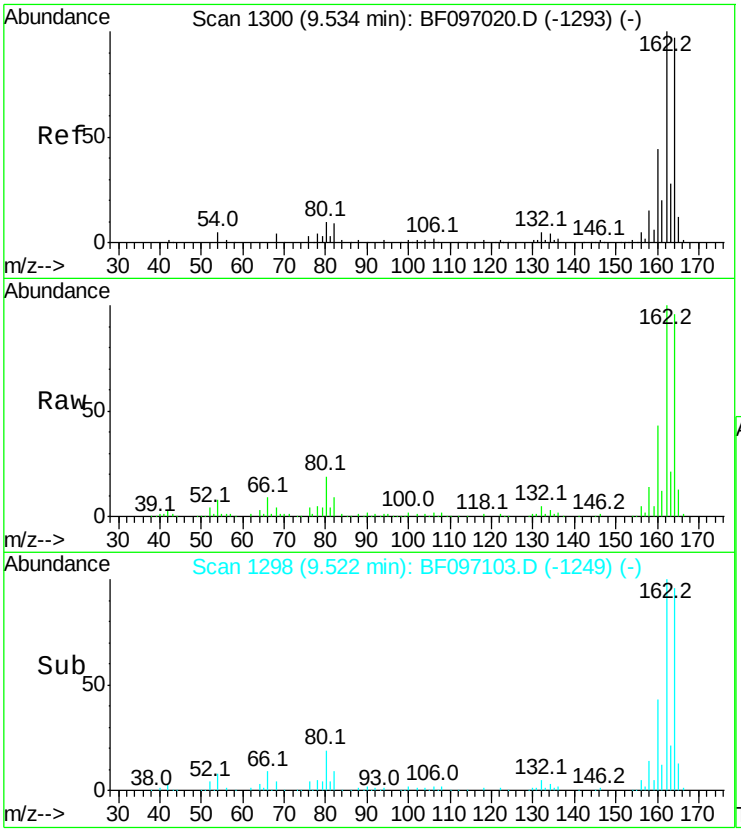


#25
Isophorone
Concen: 32.605 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion: 82 Resp: 386862

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



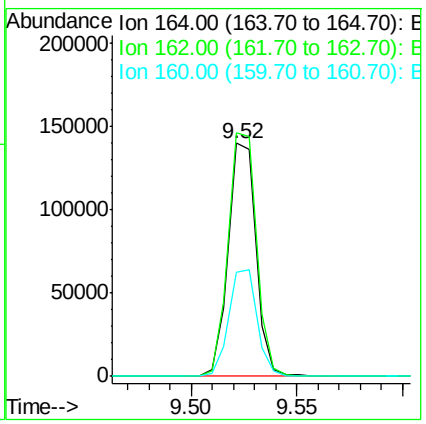


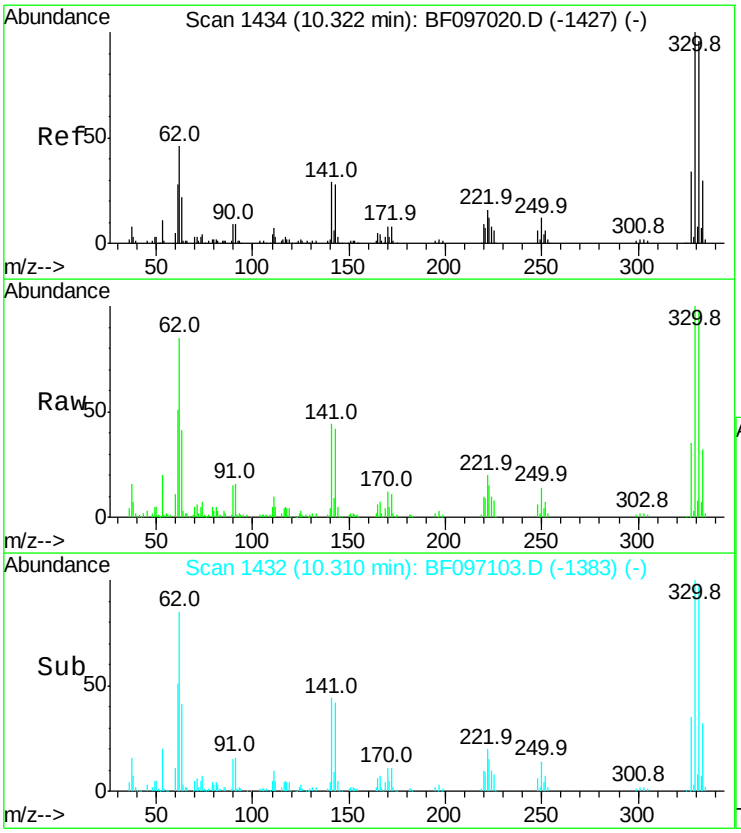
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 126031

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	44.6	36.2	54.2

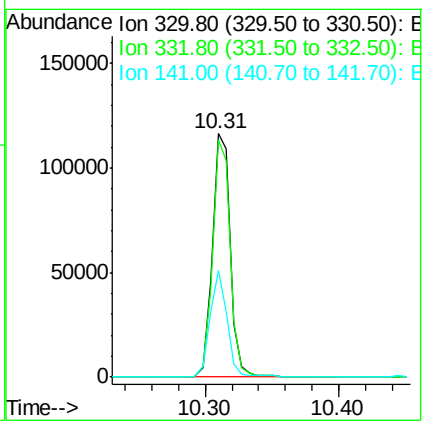


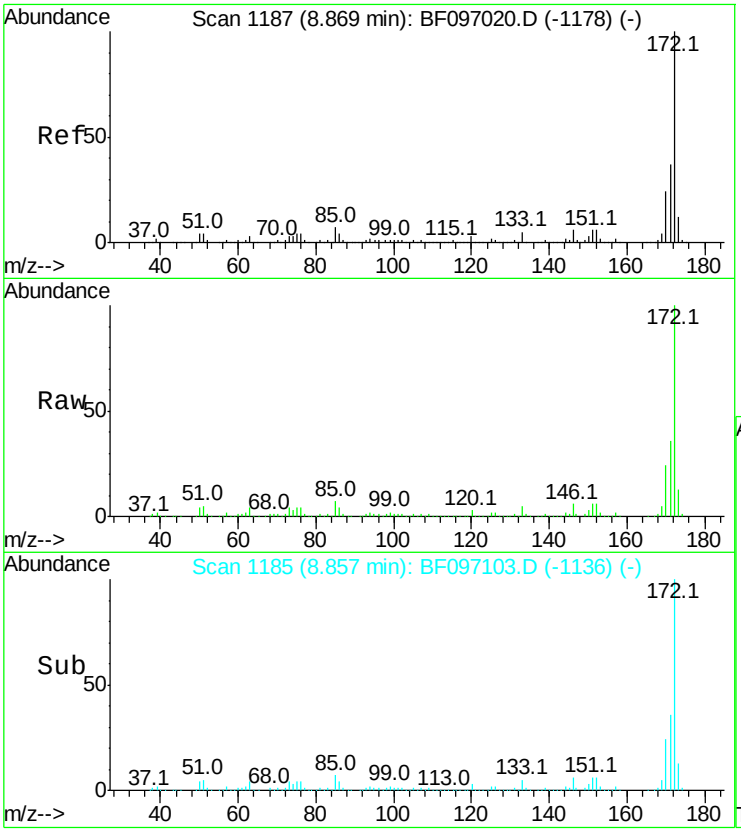


#41
2,4,6-Tribromophenol
Concen: 111.434 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:330 Resp: 110962

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	41.9	31.4	47.2



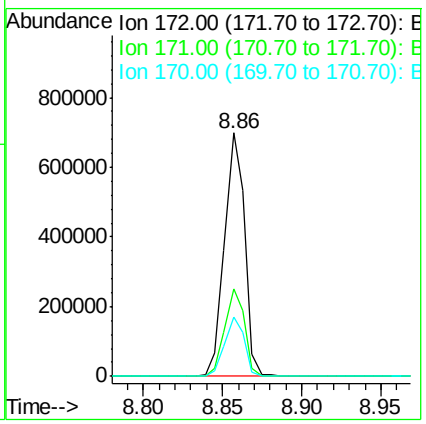


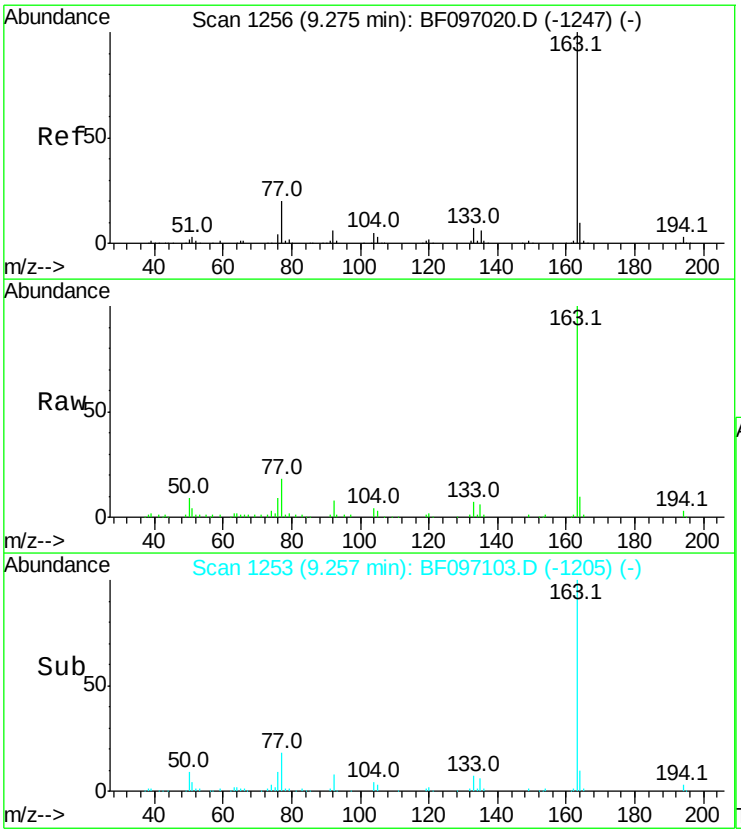
#44
2-Fluorobiphenyl
Concen: 83.049 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 616744

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

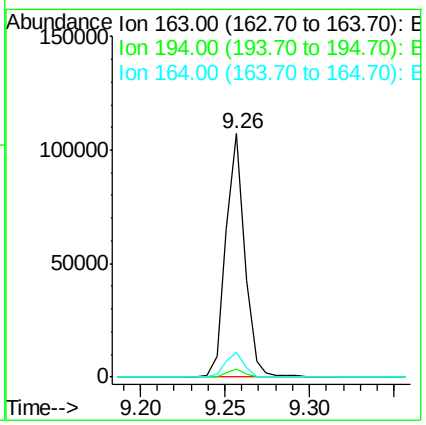


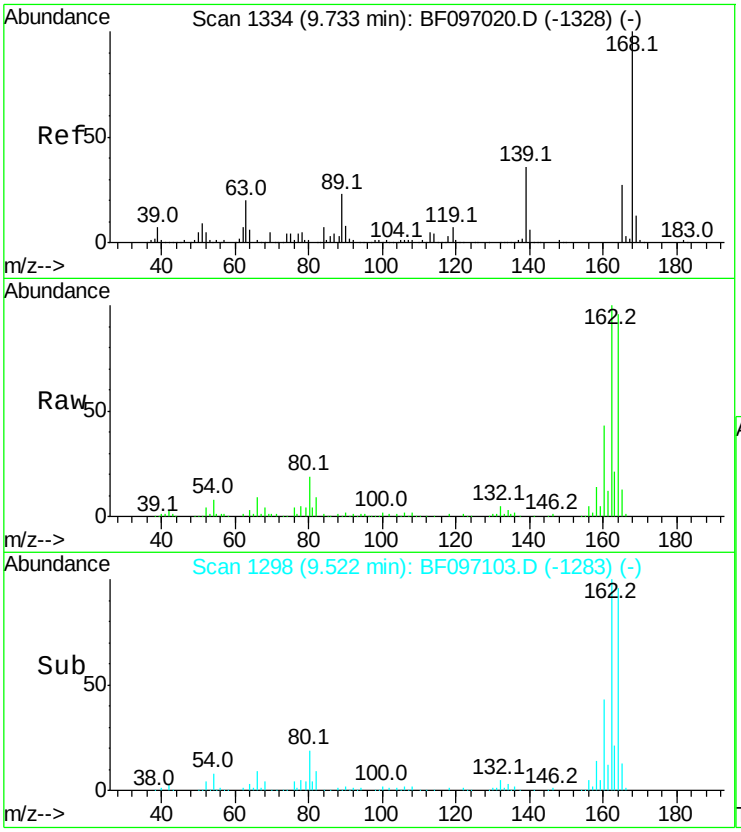


#49
Dimethylphthalate
Concen: 8.708 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:163 Resp: 83342

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.4	12.6



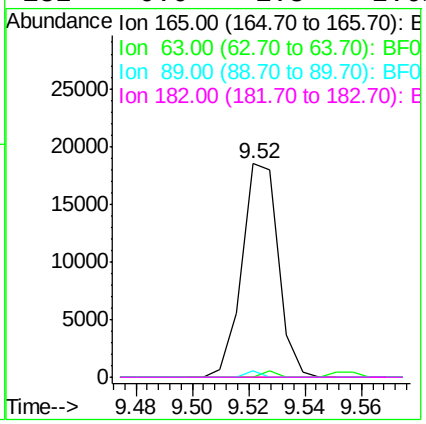


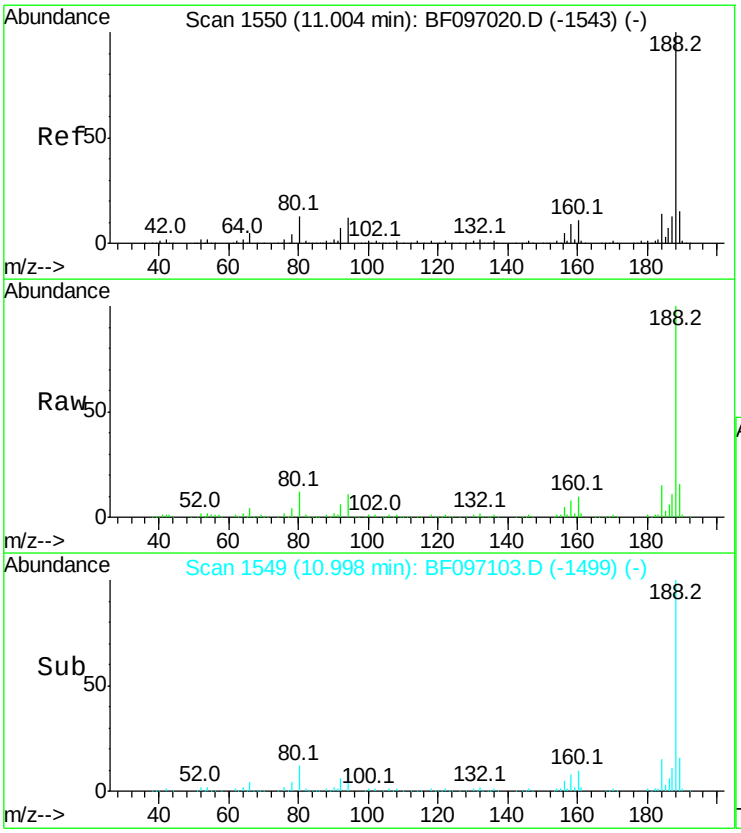
#56
2,4-Dinitrotoluene
Concen: 7.094 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16554

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	2.7	46.4	69.6#
182	0.0	1.8	2.6#

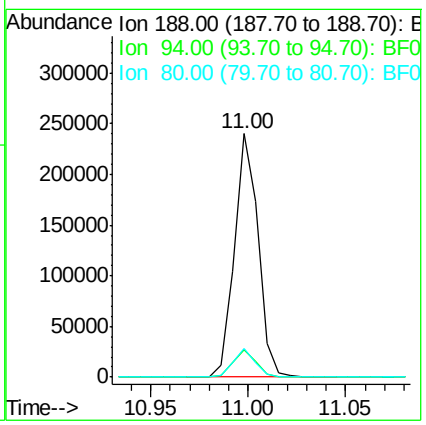


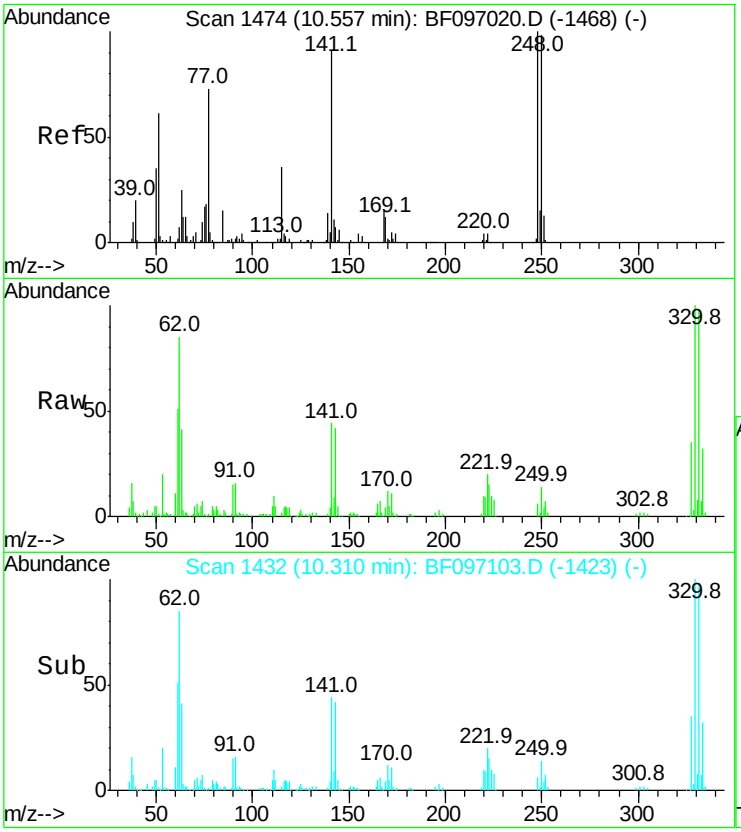


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:188 Resp: 201907

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.5	10.2	15.2



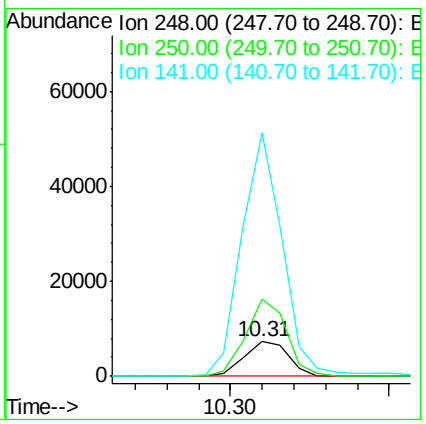


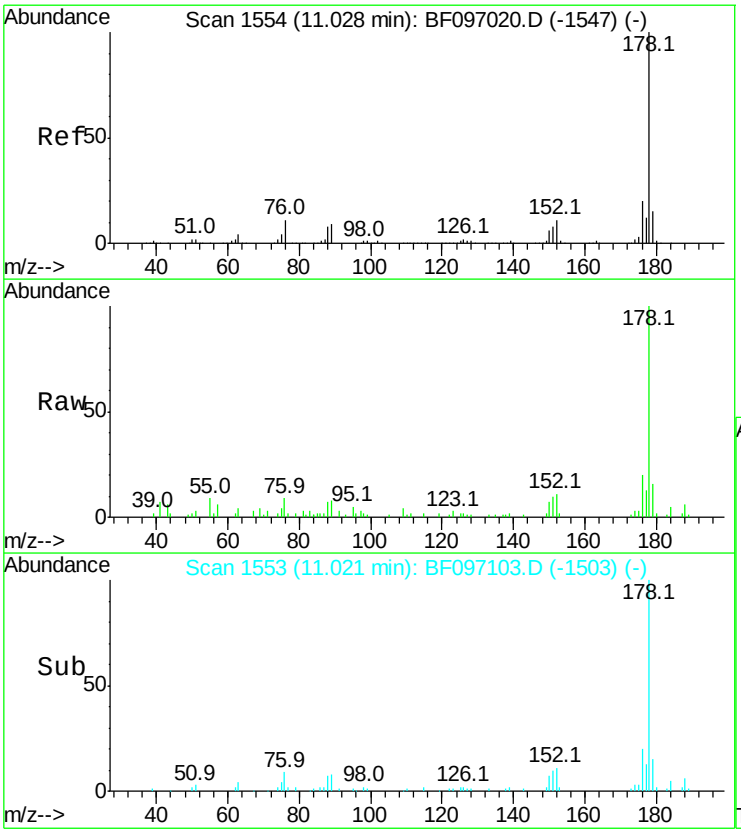
#66
4-Bromophenyl-phenylether
Concen: 3.500 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7053

Ion	Ratio	Lower	Upper
248	100		
250	221.2	76.8	115.2#
141	702.6	68.6	103.0#

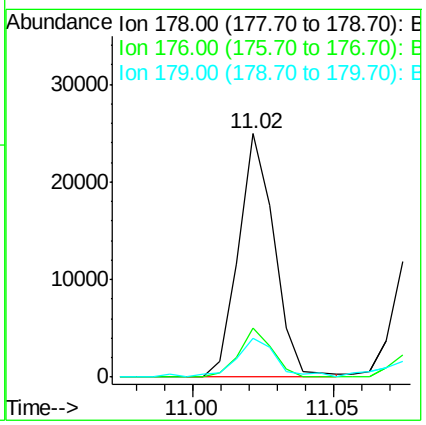


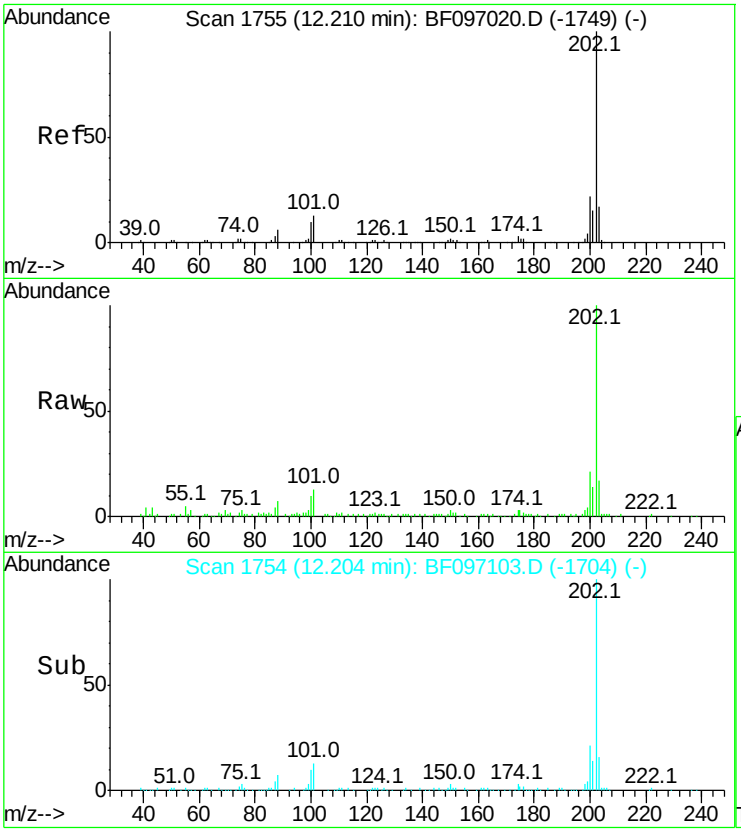


#70
Phenanthrene
Concen: 2.025 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:178 Resp: 21902

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.8	12.6	19.0



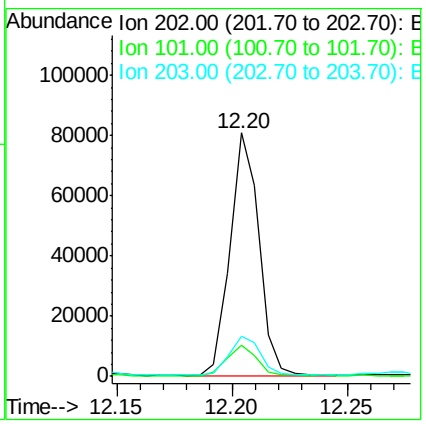


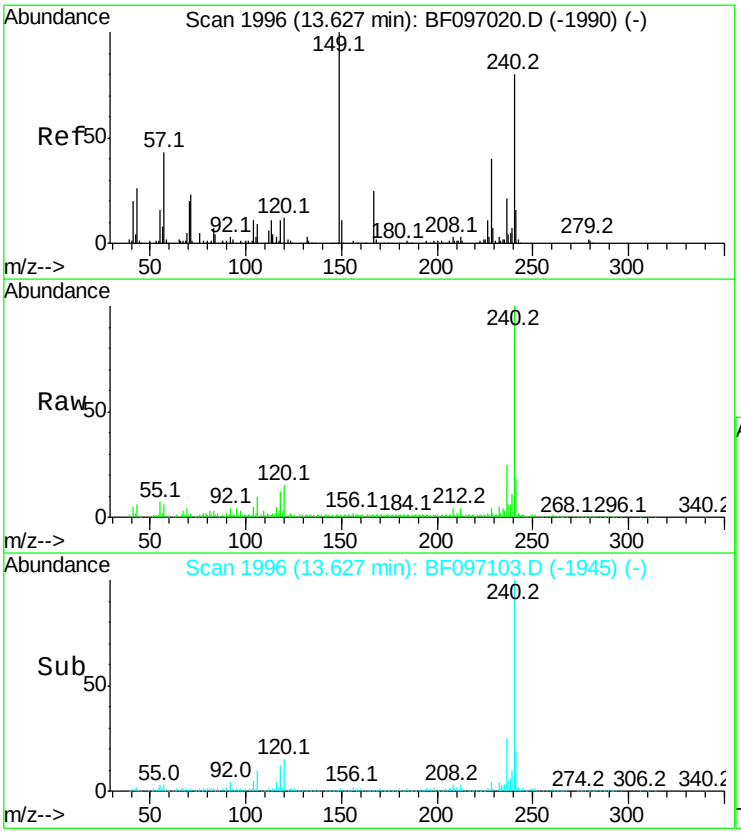
#74
Fluoranthene
Concen: 6.618 ng
RT: 12.20 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 70134

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	16.7	0.0	38.1

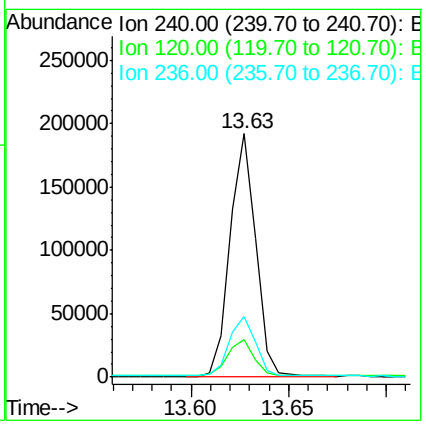


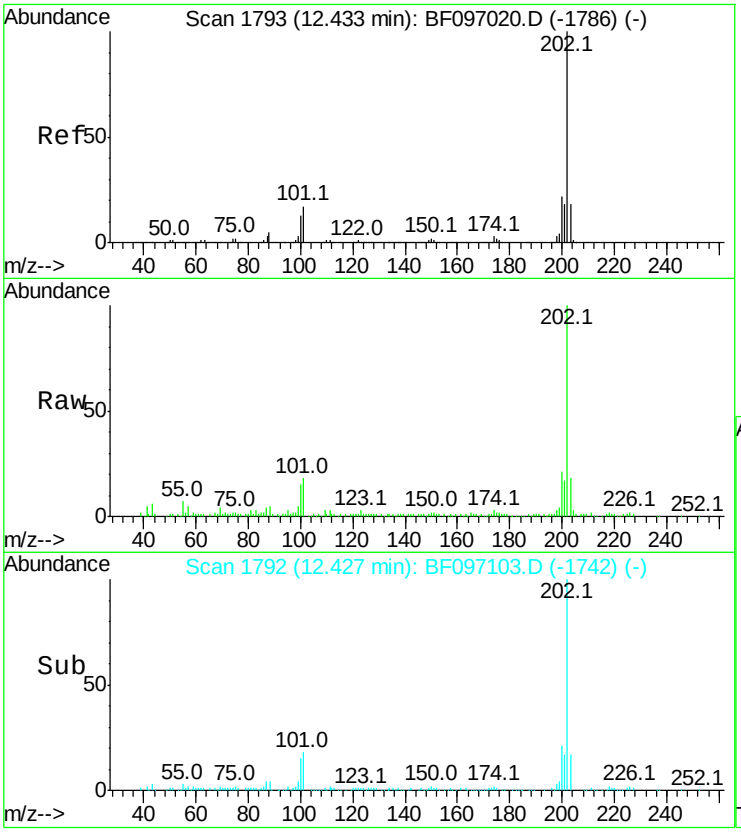


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.63 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:240 Resp: 173256

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.0	20.5	30.7



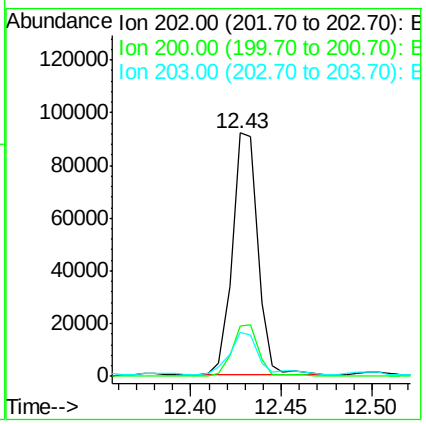


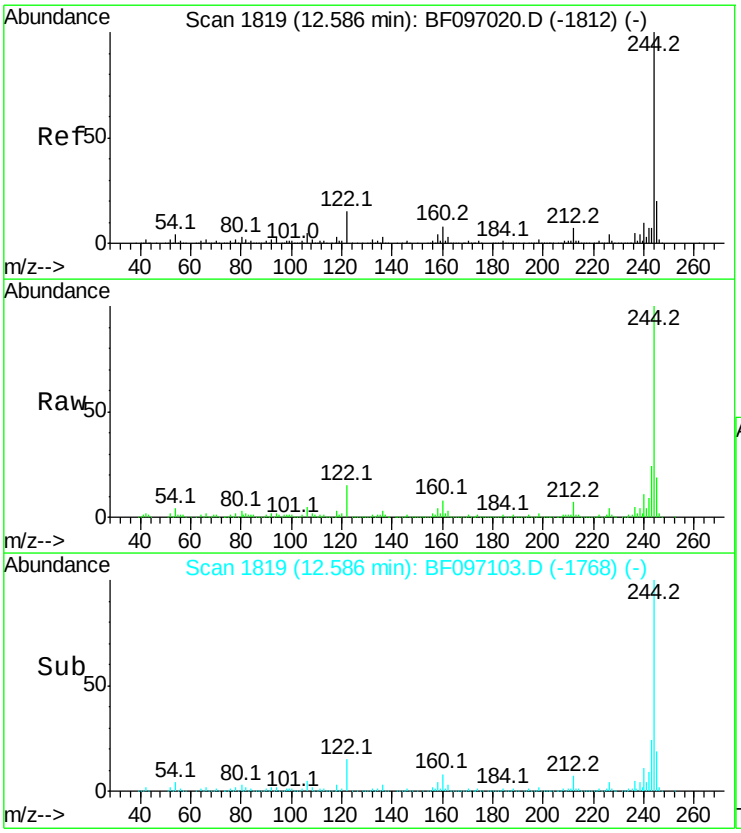
#77
Pyrene
Concen: 6.376 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 90439

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.0	14.4	21.6

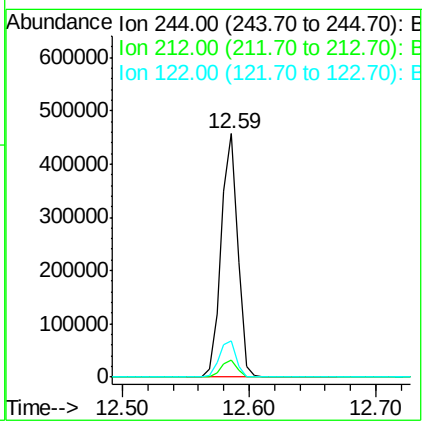


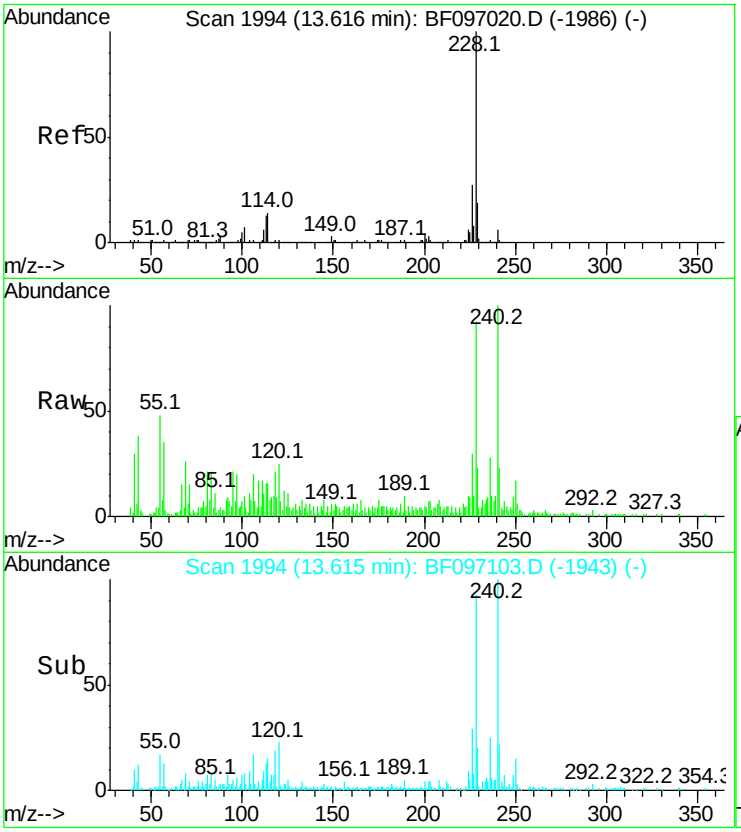


#78
Terphenyl-d14
Concen: 49.155 ng
RT: 12.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:244 Resp: 417704

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5



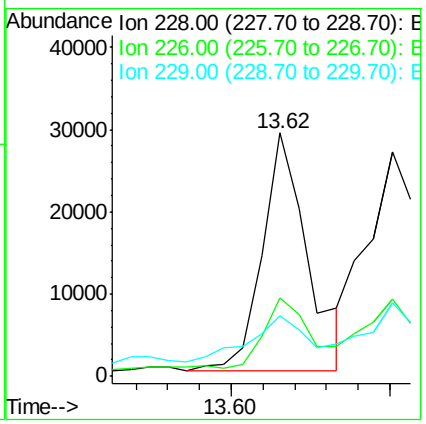


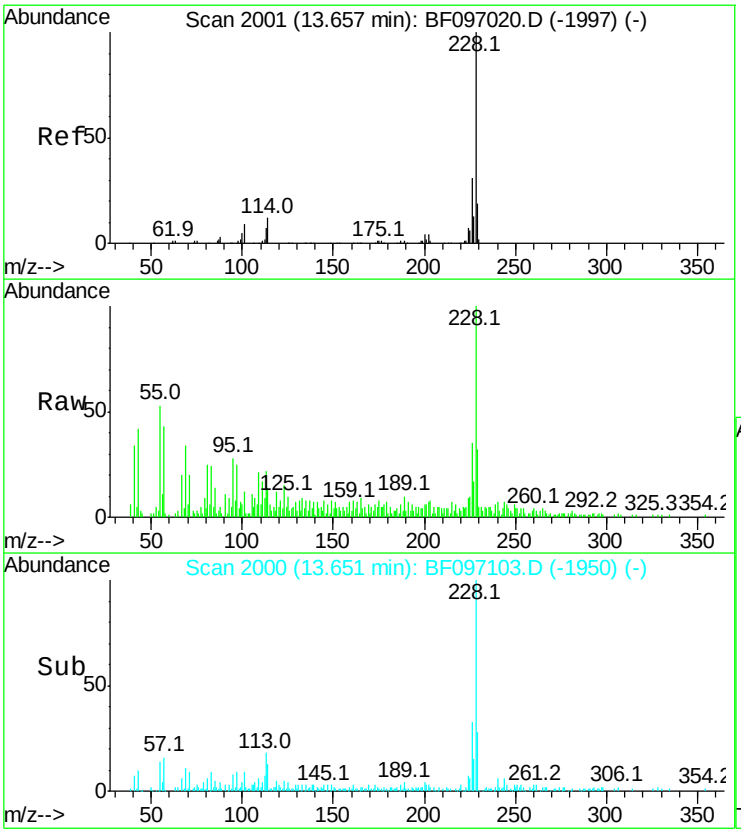
#80
Benzo(a)anthracene
Concen: 2.550 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 28584

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	24.8	16.3	24.5#

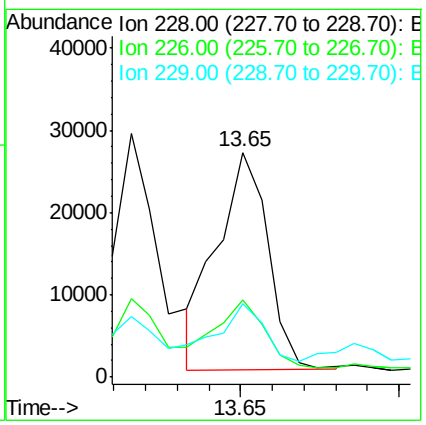


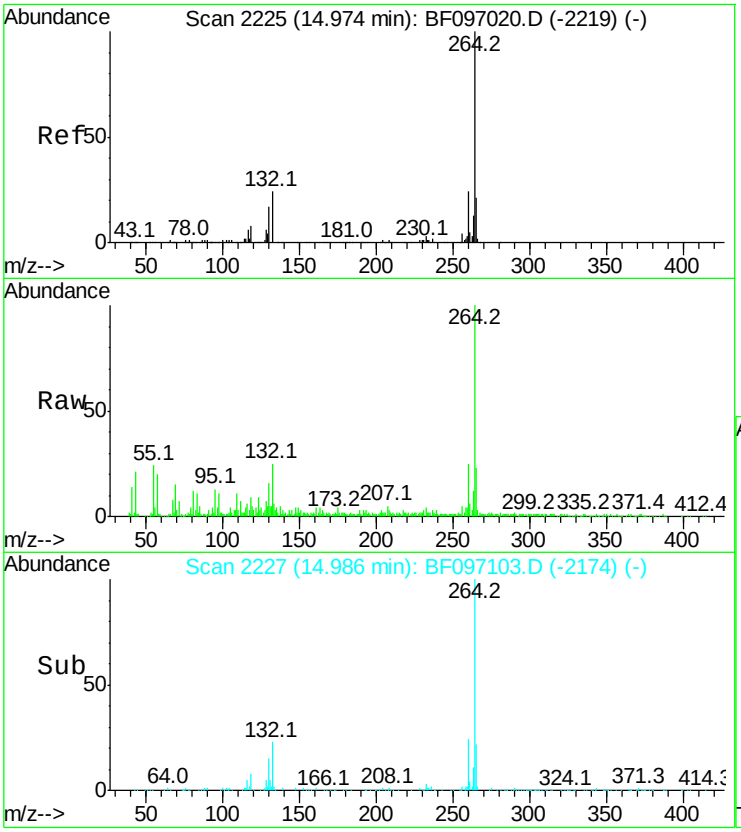


#82
Chrysene
Concen: 2.669 ng
RT: 13.65 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:228 Resp: 29219

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.9	37.3
229	32.4	15.8	23.6#



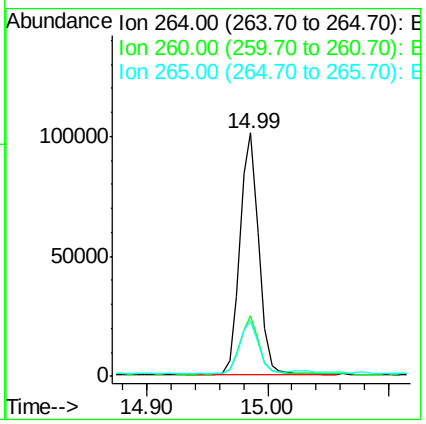


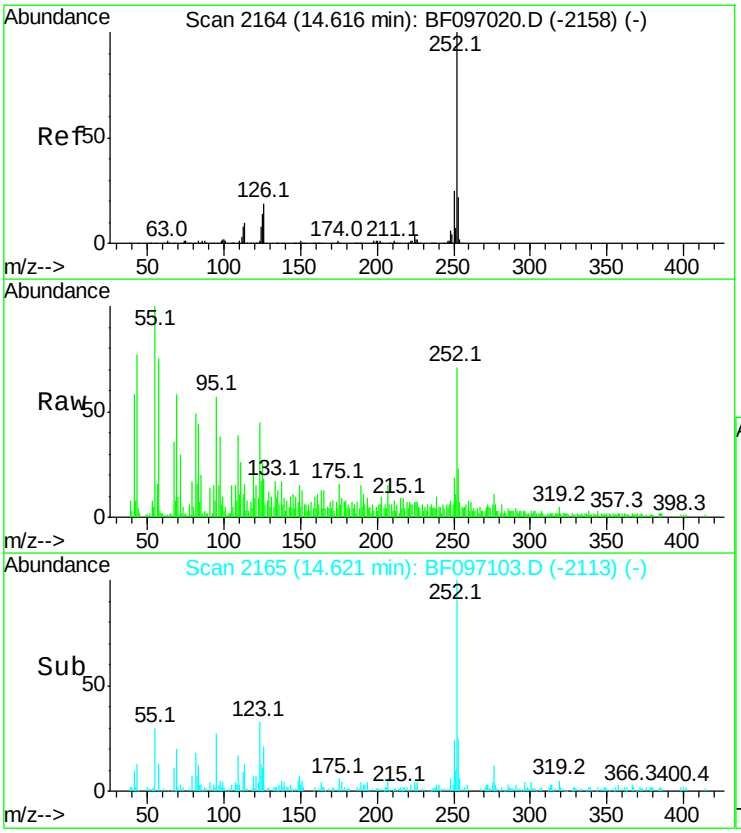
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.99 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 110310

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.2	25.8

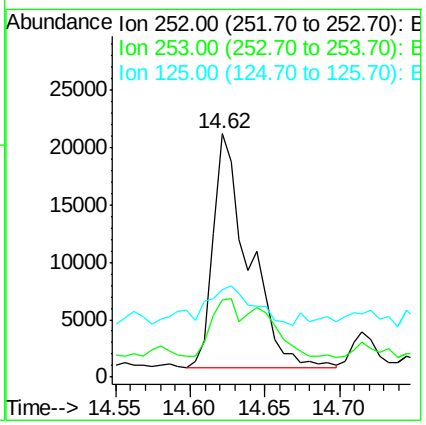


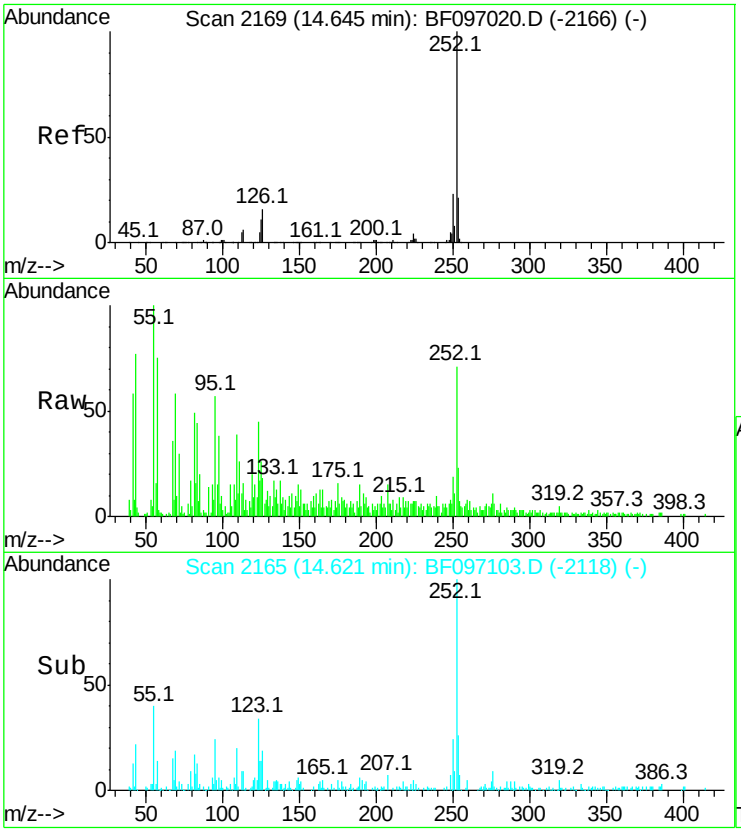


#87
Benzo(b)fluoranthene
Concen: 5.111 ng
RT: 14.62 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:252 Resp: 33888

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.1	27.1#
125	35.9	9.8	14.8#



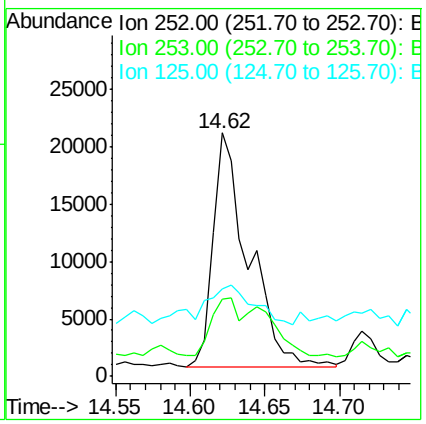


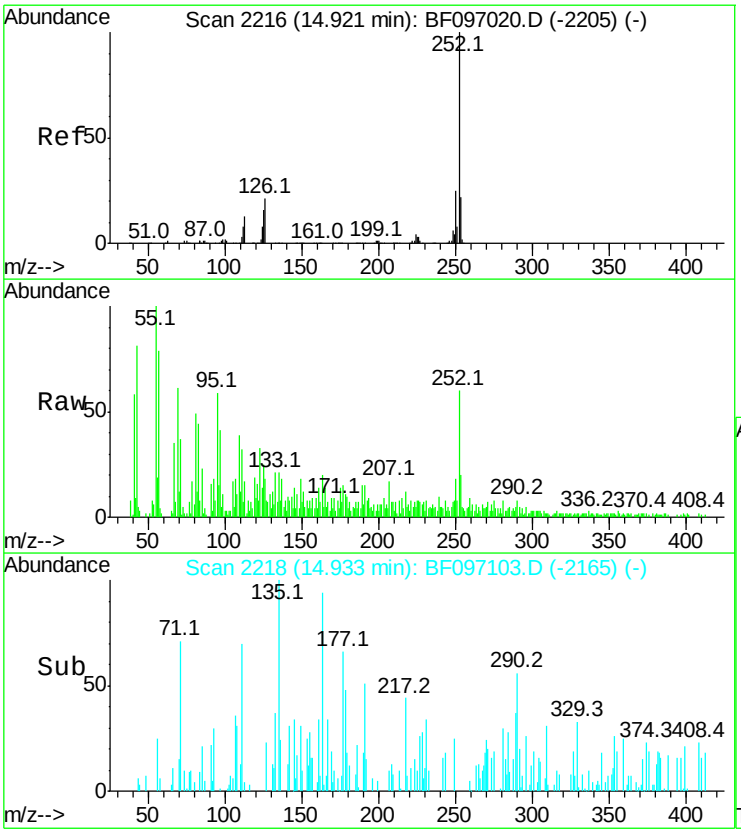
#88
Benzo(k)fluoranthene
Concen: 5.363 ng
RT: 14.62 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33888

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.4	27.6#
125	35.9	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.918 ng
RT: 14.93 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF097103.D
Acq: 27 Jul 2017 4:10

Tgt Ion:252 Resp: 17710

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.5	26.3#
125	41.5	11.0	16.4#