Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097286.D
Acq On : 2 Aug 2017 21:11
Operator : SJ/JU
Sample : I4566-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 23:11:39 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	6.45	152	105777	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	431278	20.00	ng		-0.05
38) Acenaphthene-d10	9.47	164	215071	20.00	ng		-0.06
63) Phenanthrene-d10	10.95	188	331390	20.00	ng		-0.05
75) Chrysene-d12	13.57	240	217003	20.00	ng		-0.05
86) Perylene-d12	14.92	264	180360	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	326972	46.60	ng		-0.04
7) Phenol-d6	6.12	99	225644	28.17	ng		-0.05
23) Nitrobenzene-d5	7.02	82	624241	84.91	ng		-0.05
41) 2,4,6-Tribromophenol	10.27	330	138279	81.38	ng		-0.05
44) 2-Fluorobiphenyl	8.82	172	1051974	83.01	ng		-0.05
78) Terphenyl-d14	12.54	244	689227	64.76	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.13	94	32614	3.43	ng		93
19) n-Nitroso-di-n-propylamine	7.02	70	88318	16.75	ng	#	88
25) Isophorone	7.02	82	593071	41.19	ng	#	67
27) 2,4-Dimethylphenol	7.56	122	73024	10.69	ng	#	7
32) Benzoic acid	7.56	122	73024	14.31	ng		89
49) Dimethylphthalate	9.21	163	100488	6.15	ng		97
56) 2,4-Dinitrotoluene	9.47	165	27241	6.84	ng	#	34
66) 4-Bromophenyl-phenylether	10.26	248	8698	2.63	ng	#	1
69) Pentachlorophenol	10.78	266	14066	9.17	ng		95

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

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BNA_F
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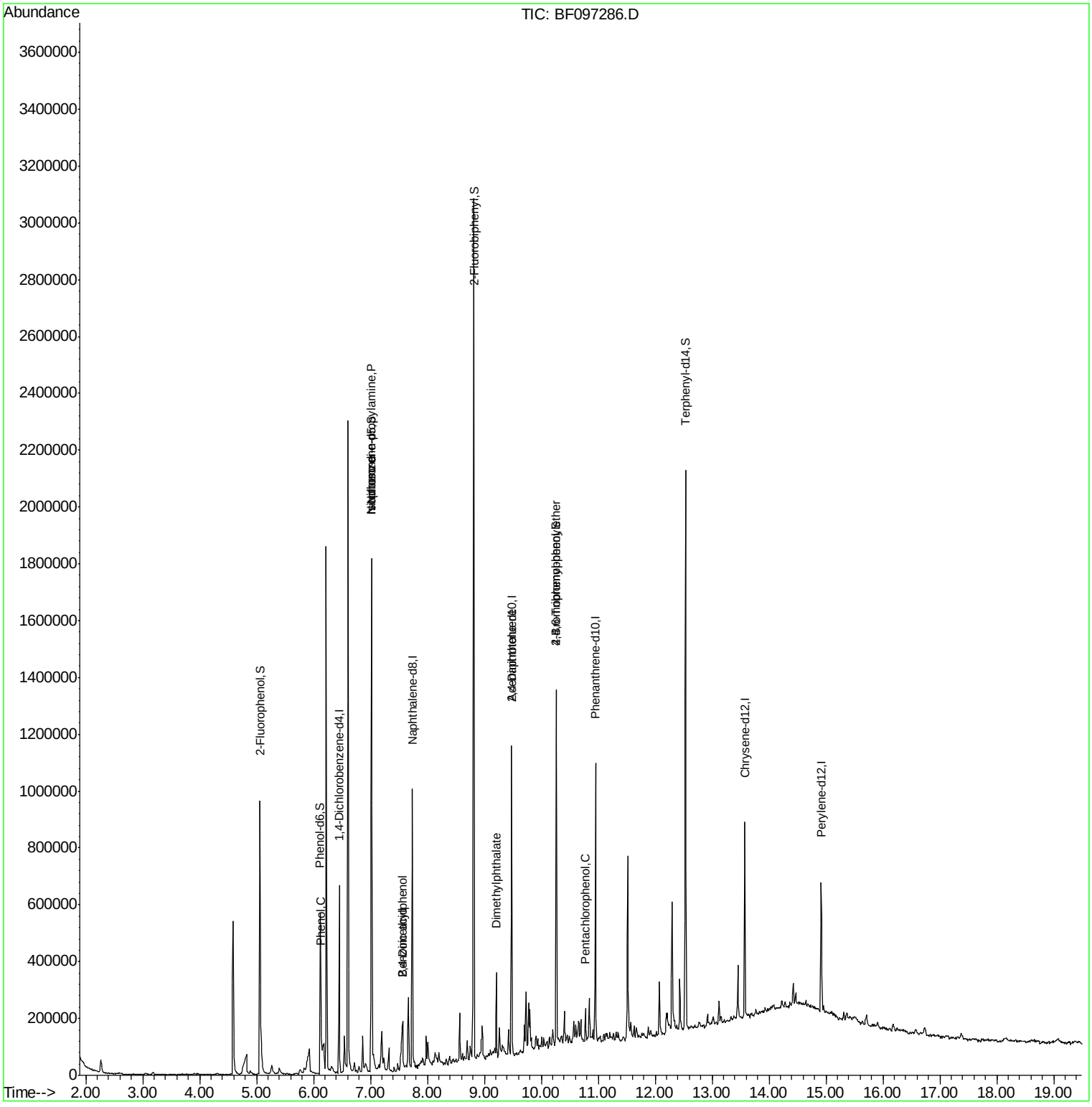
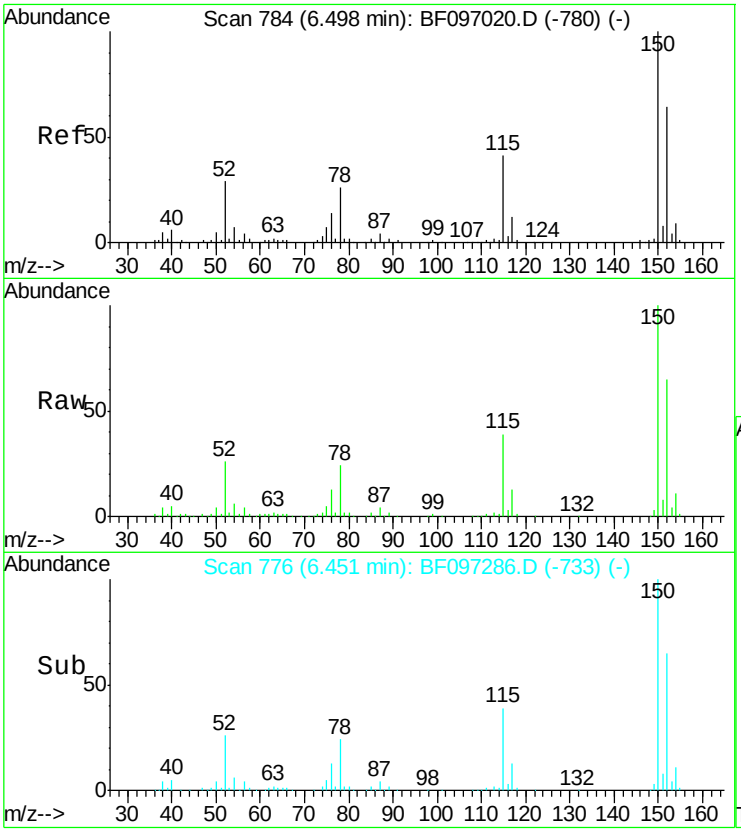


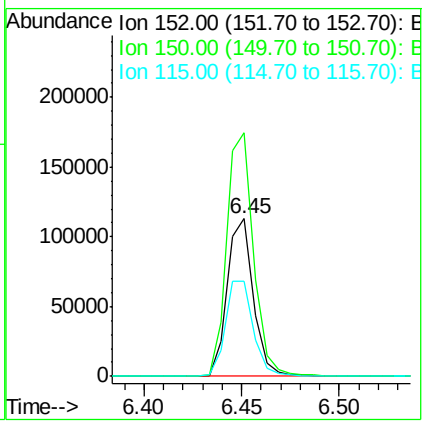


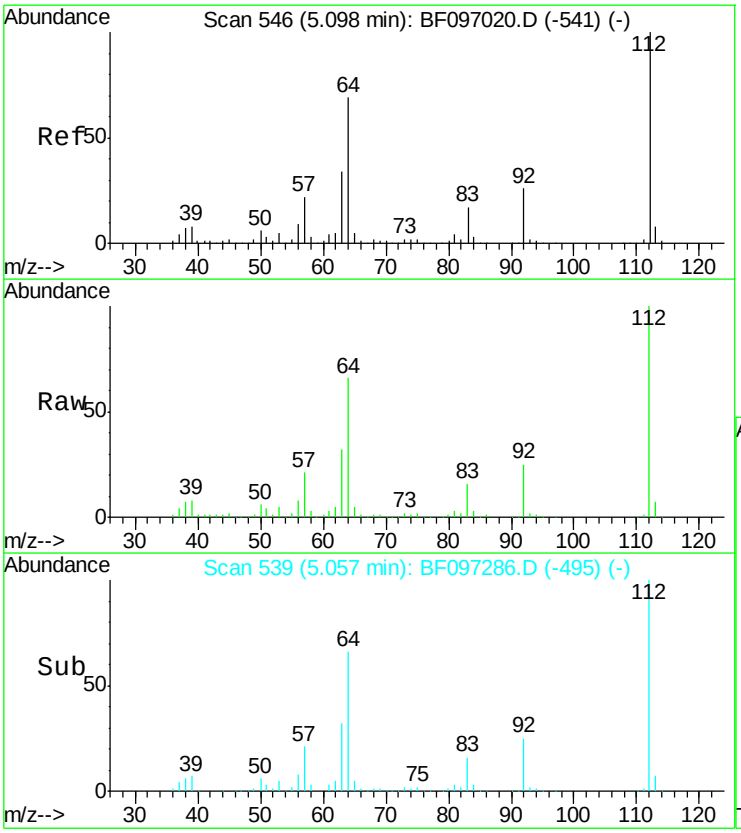
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105777

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	60.6	52.2	78.2

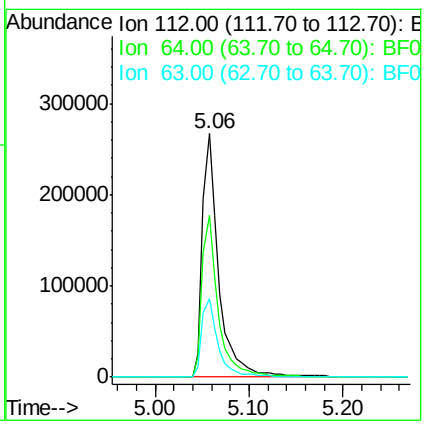


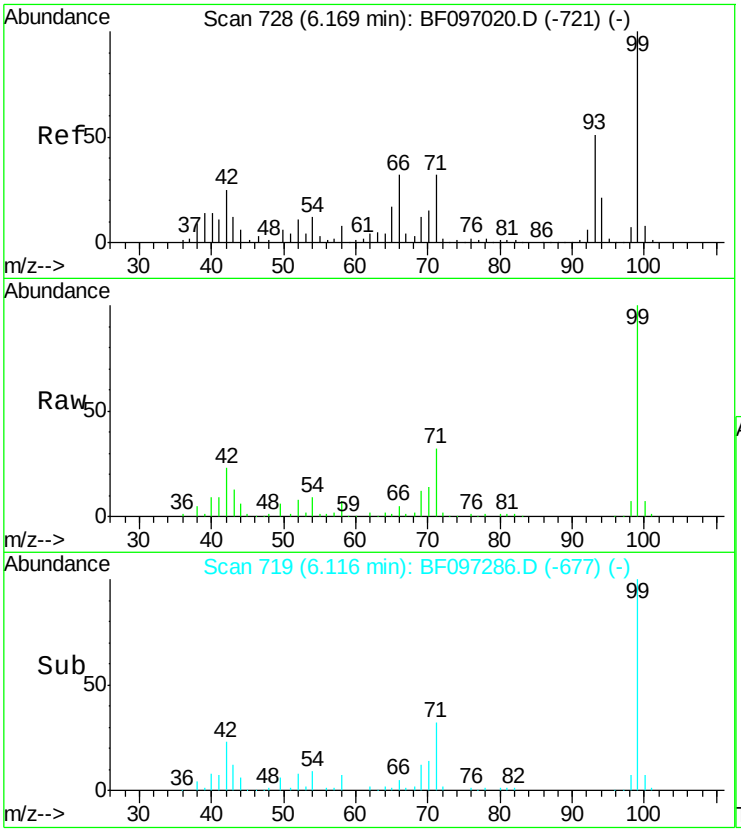


#5
2-Fluorophenol
Concen: 46.60 ng
RT: 5.06 min Scan# 539
Delta R.T. -0.04 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:112 Resp: 326972

Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.0	69.0
63	32.4	23.4	35.0



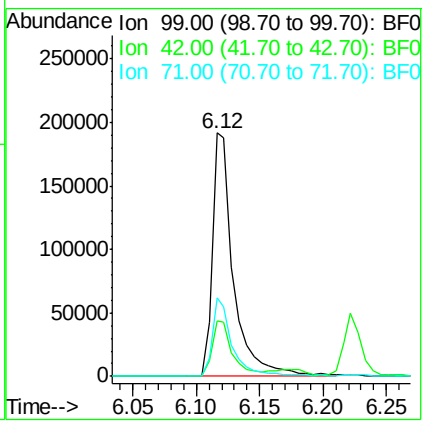


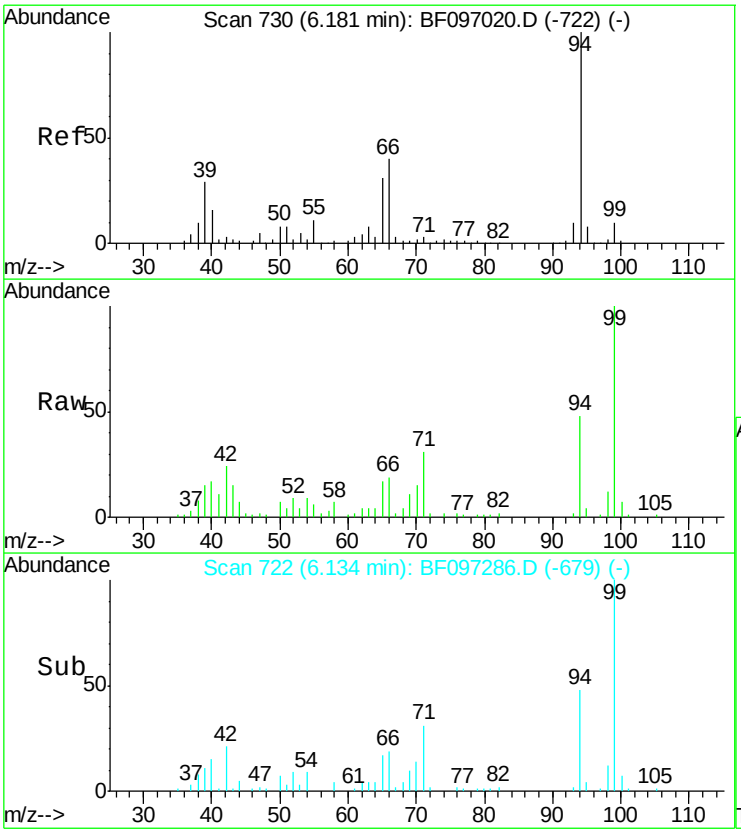
#7
Phenol-d6
Concen: 28.17 ng
RT: 6.12 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 225644

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.2	24.5	36.7

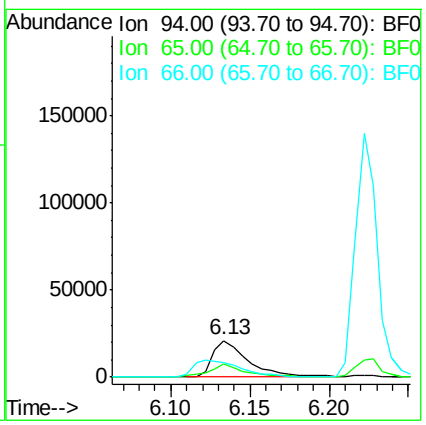


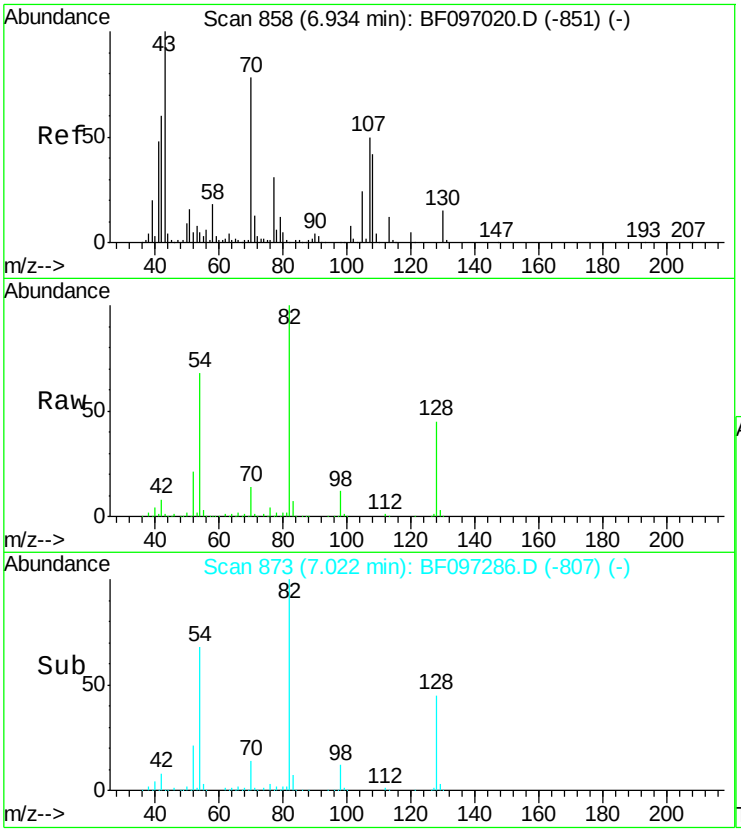


#10
Phenol
Concen: 3.43 ng
RT: 6.13 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion: 94 Resp: 32614

Ion	Ratio	Lower	Upper
94	100		
65	34.4	9.9	49.9
66	39.5	23.1	63.1



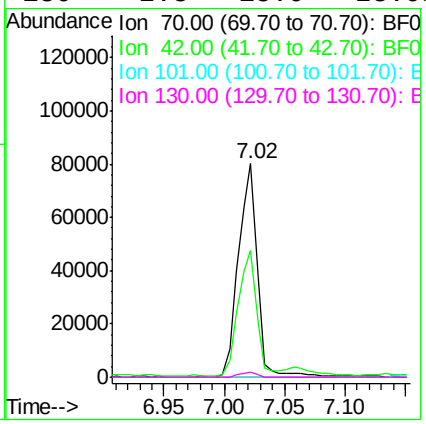


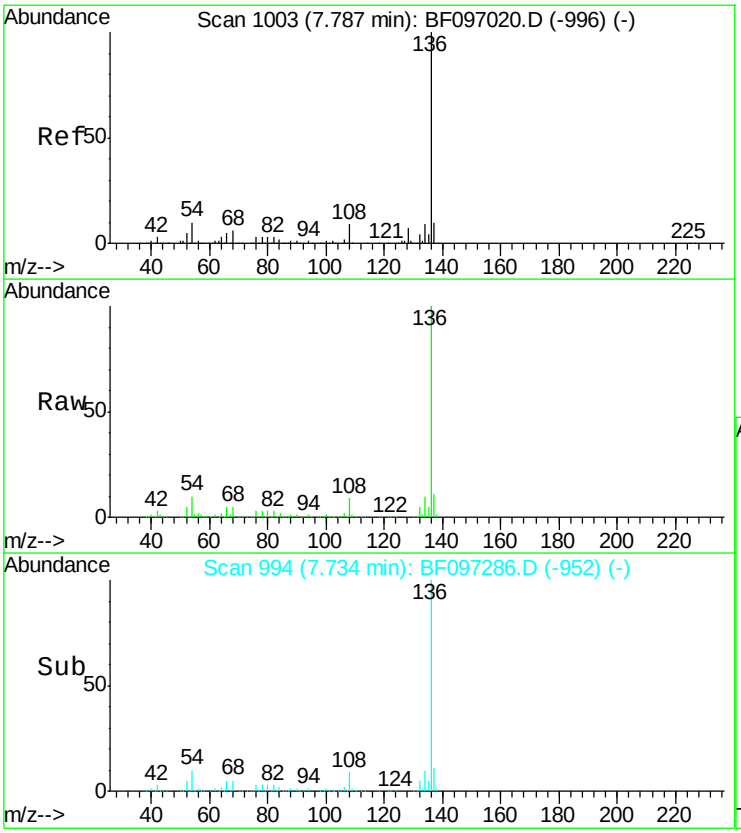
#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 88318

Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

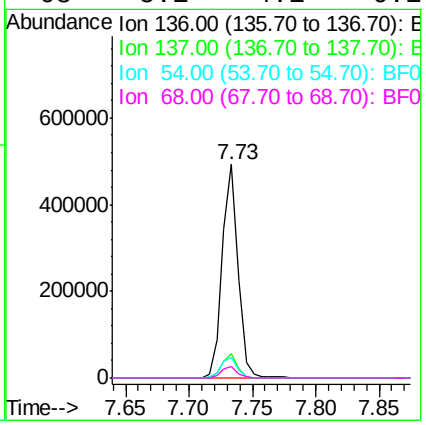


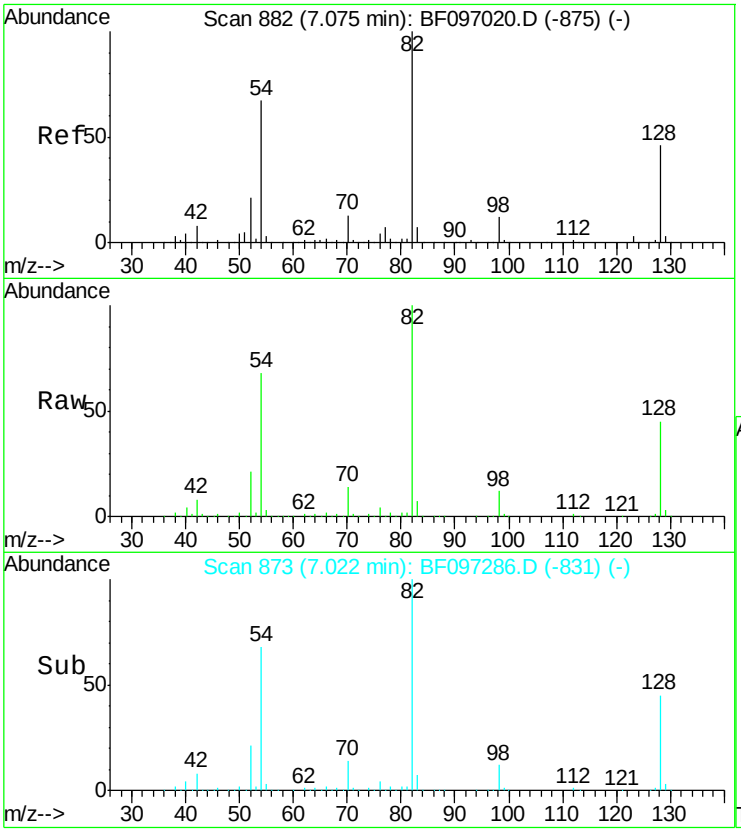


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:136 Resp: 431278

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.6	4.9	7.3#
68	5.1	4.1	6.1



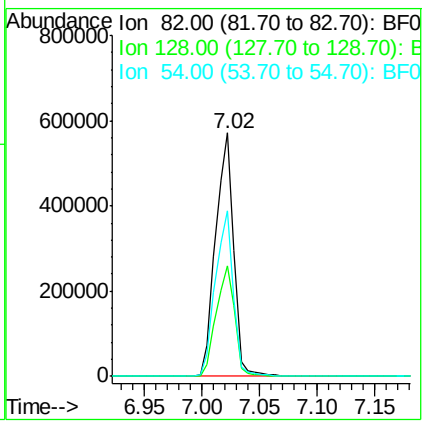


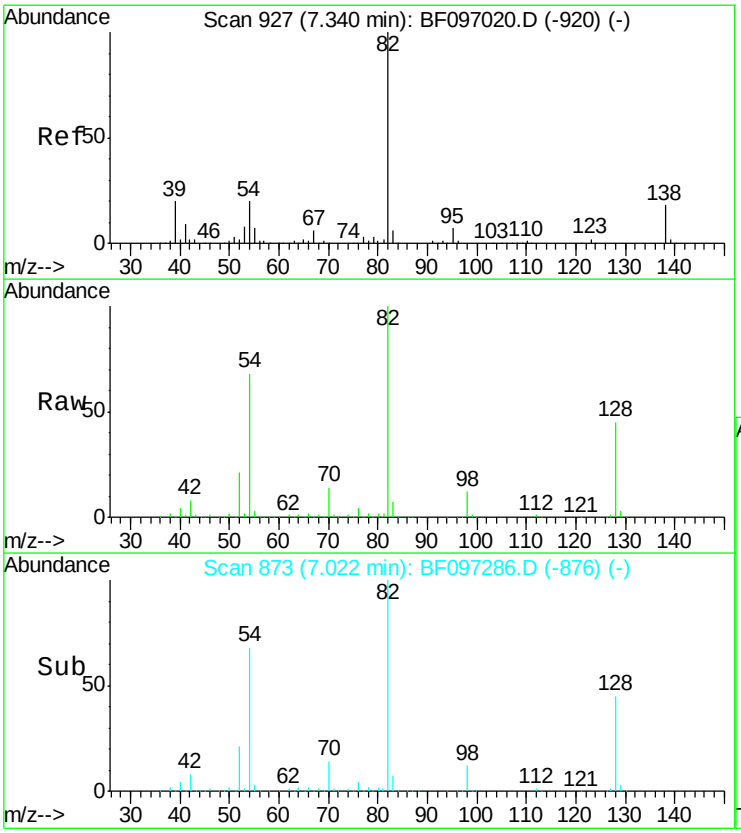
#23
Nitrobenzene-d5
Concen: 84.91 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 624241

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	67.8	42.2	63.2#

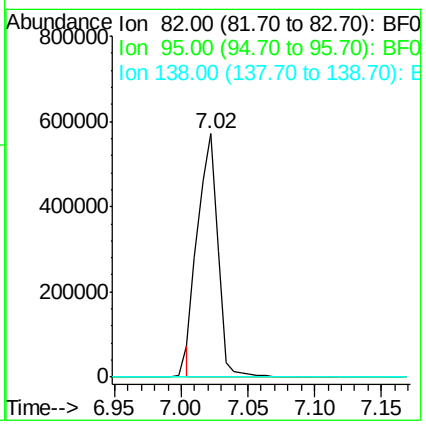


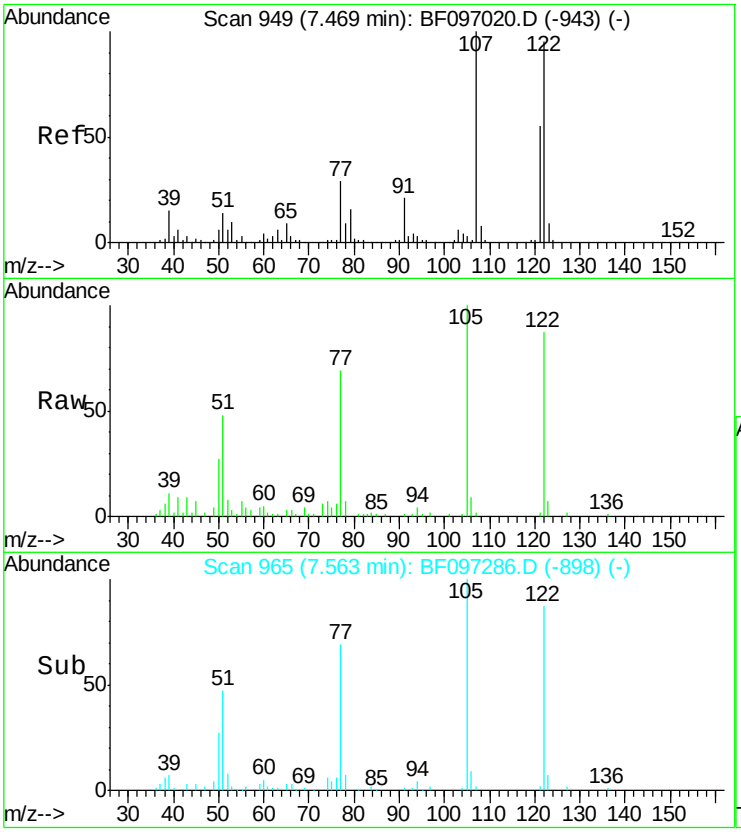


#25
Isophorone
Concen: 41.19 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion: 82 Resp: 593071

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



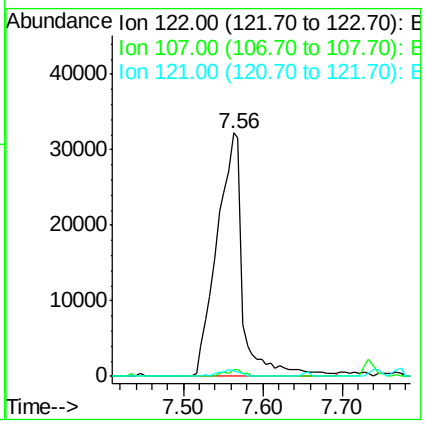


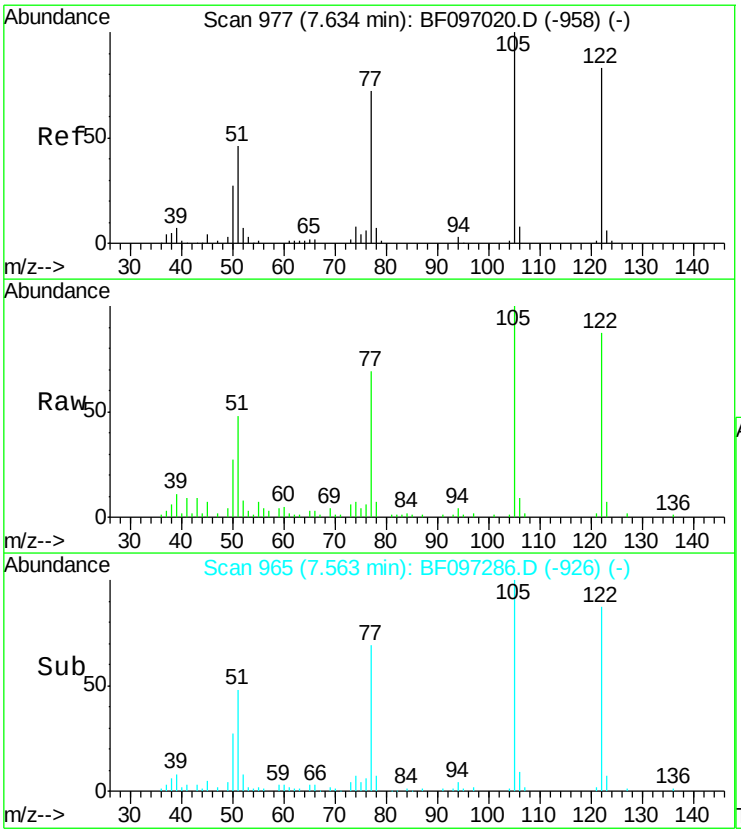
#27
2,4-Dimethylphenol
Concen: 10.69 ng
RT: 7.56 min Scan# 965
Delta R.T. 0.09 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 73024

Ion	Ratio	Lower	Upper
122	100		
107	2.6	89.2	133.8#
121	2.5	45.2	67.8#

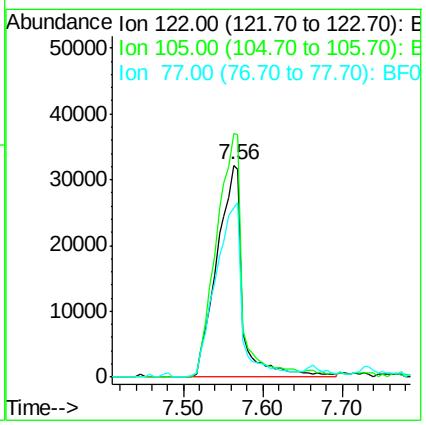


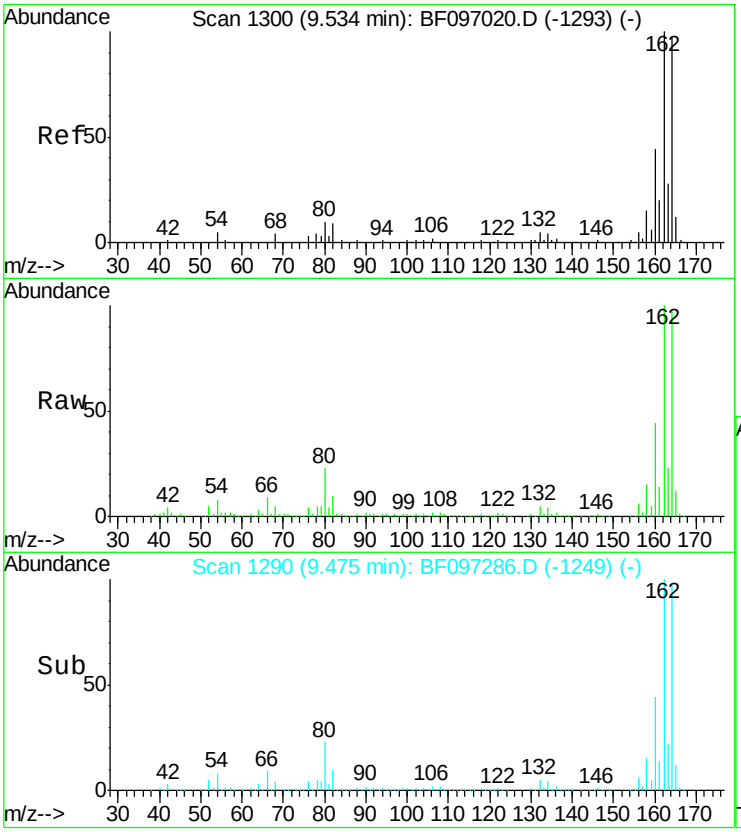


#32
Benzoic acid
Concen: 14.31 ng
RT: 7.56 min Scan# 965
Delta R.T. -0.07 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:122 Resp: 73024

Ion	Ratio	Lower	Upper
122	100		
105	114.7	103.3	143.3
77	79.7	73.7	113.7



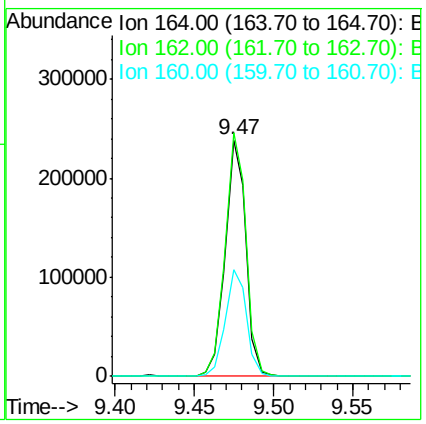


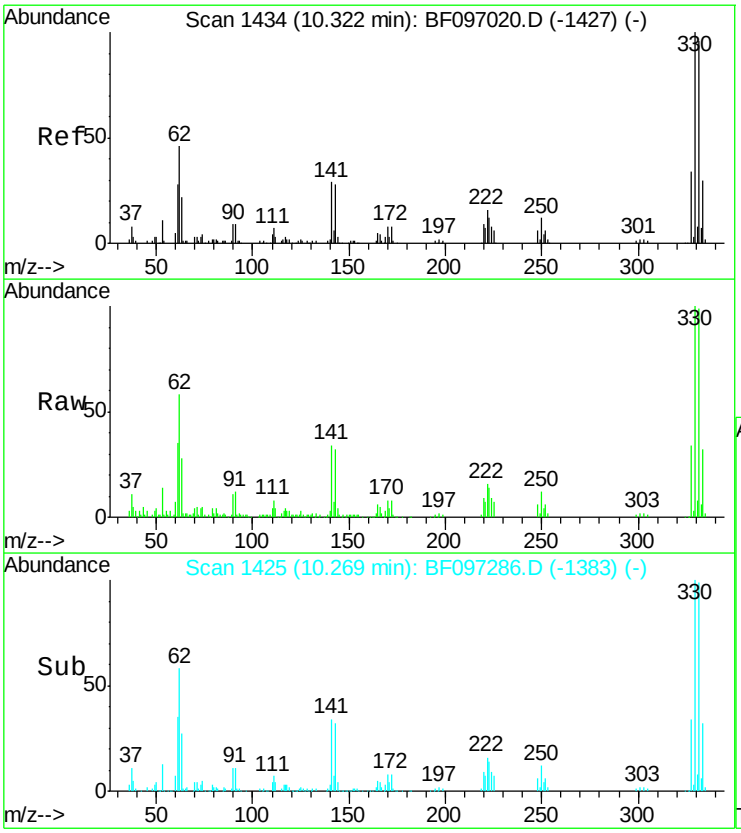
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 215071

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.2	36.2	54.2

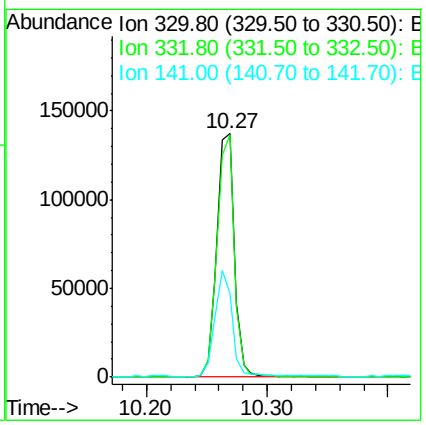


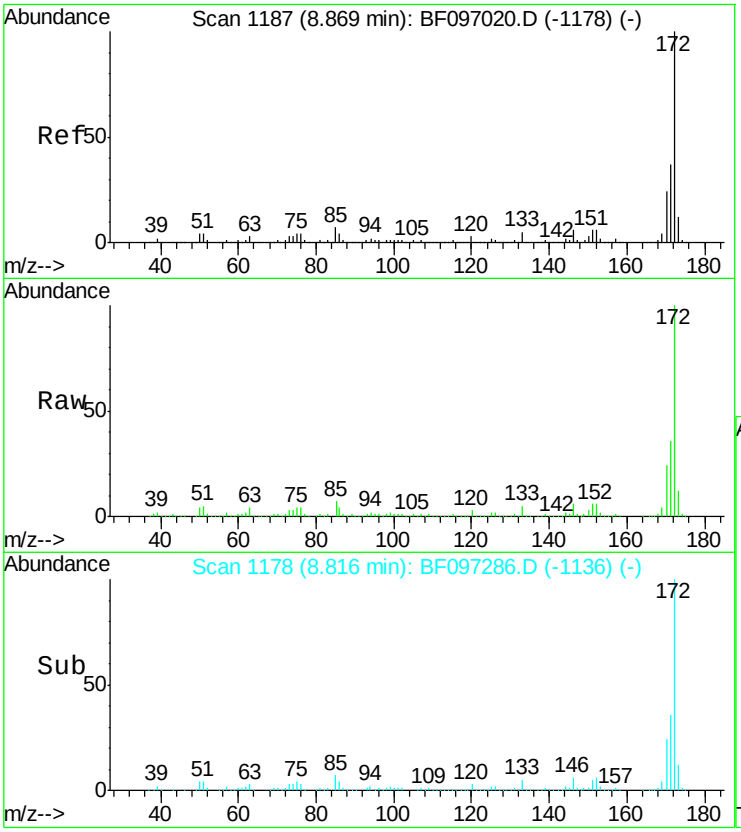


#41
2,4,6-Tribromophenol
Concen: 81.38 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:330 Resp: 138279

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	41.7	31.4	47.2



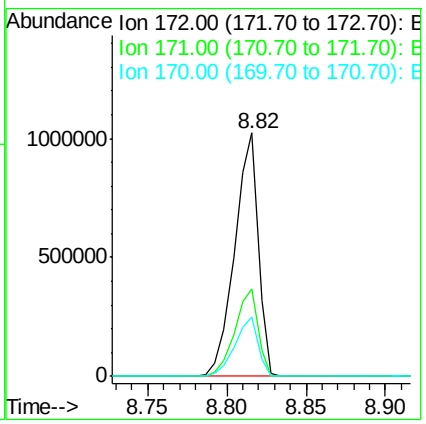


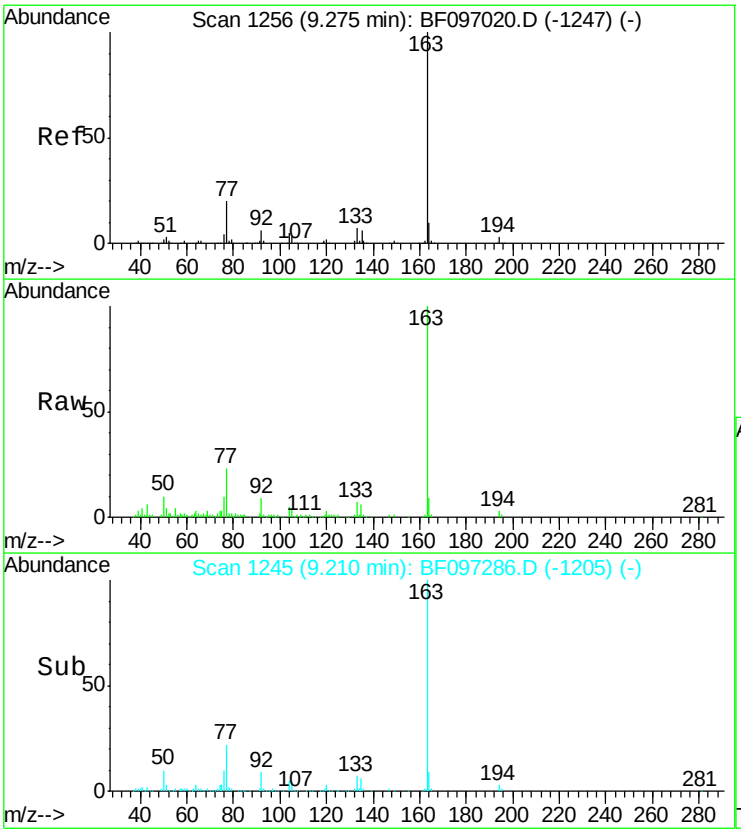
#44
2-Fluorobiphenyl
Concen: 83.01 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1051974

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8

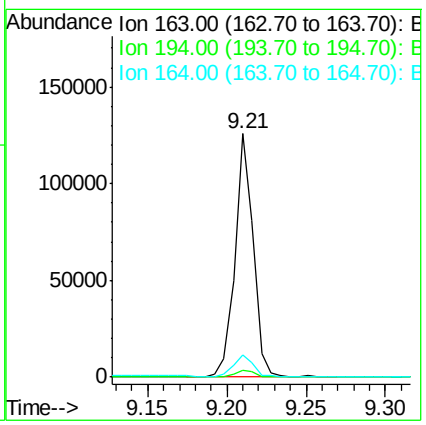


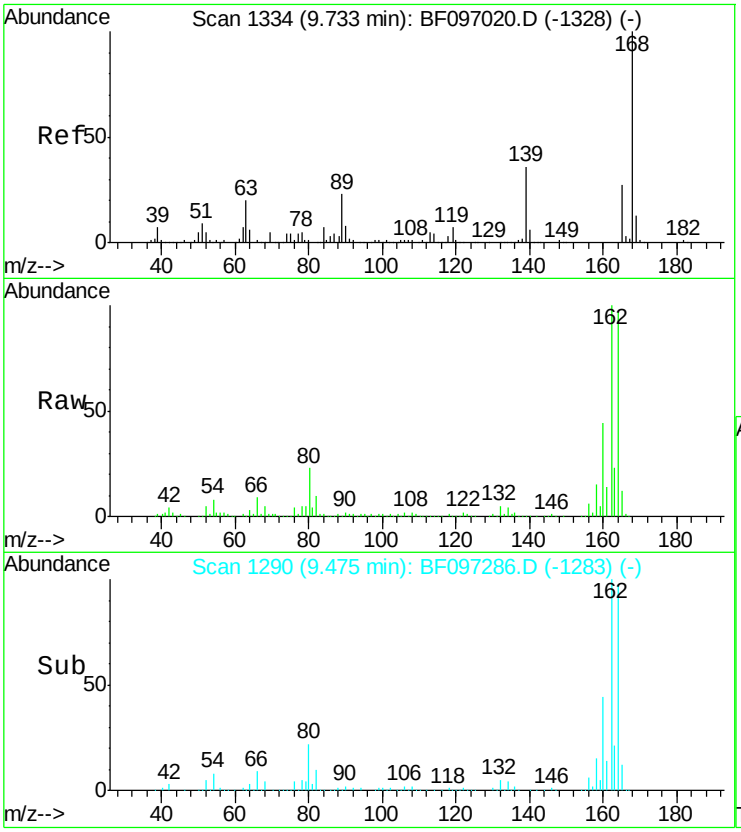


#49
Dimethylphthalate
Concen: 6.15 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:163 Resp: 100488

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.3	8.4	12.6



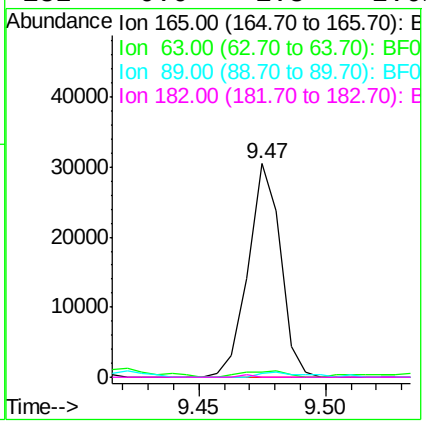


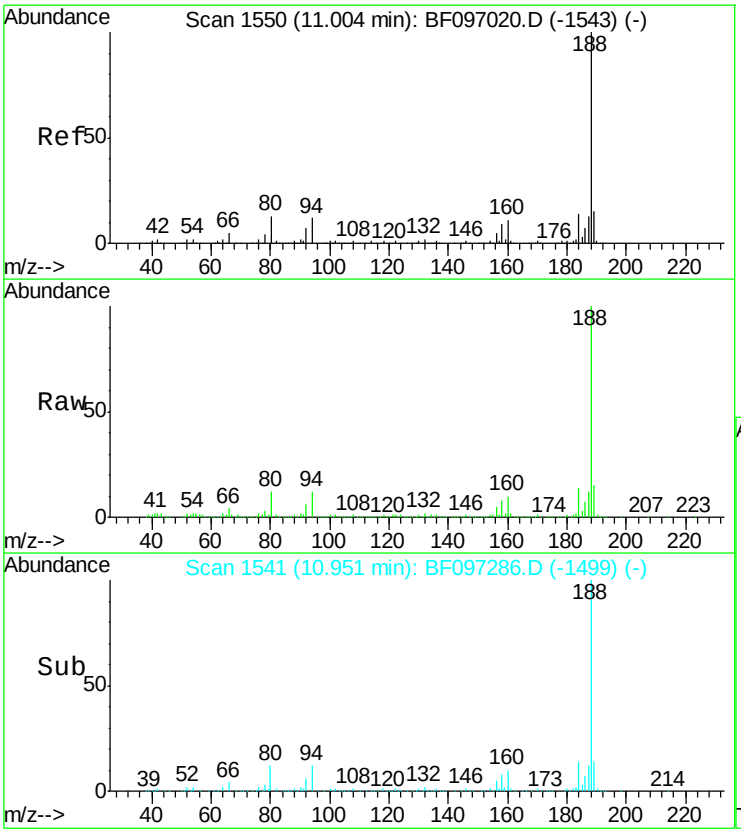
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.26 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27241

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

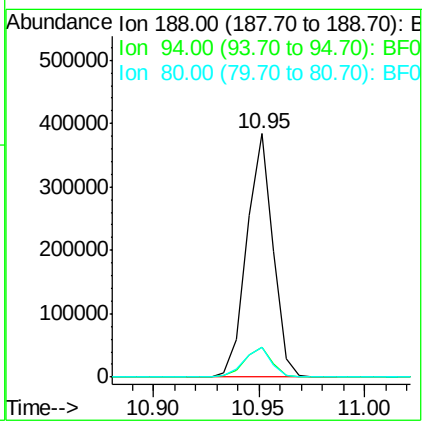


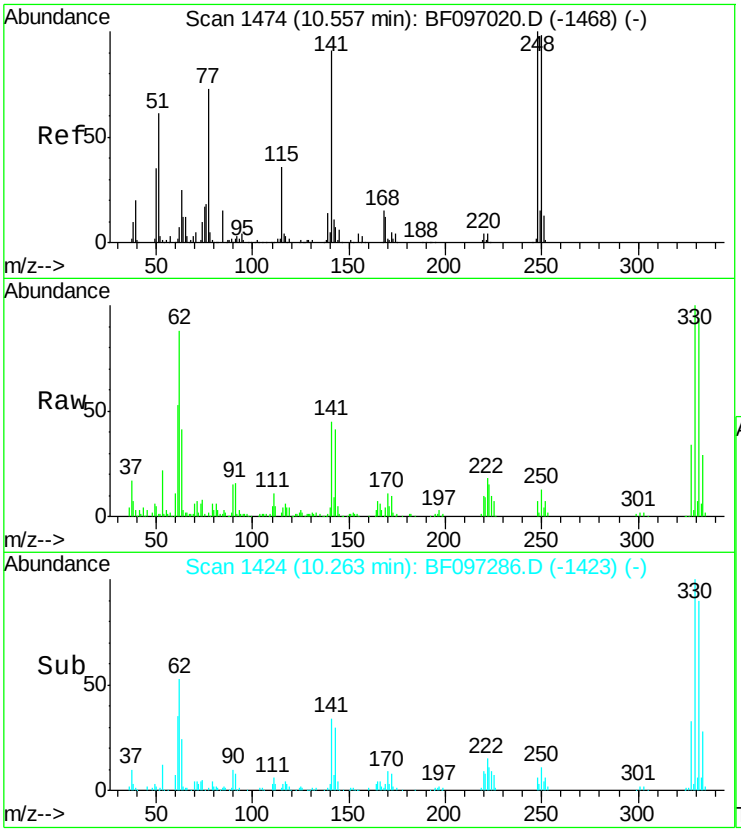


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:188 Resp: 331390

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.1	10.2	15.2



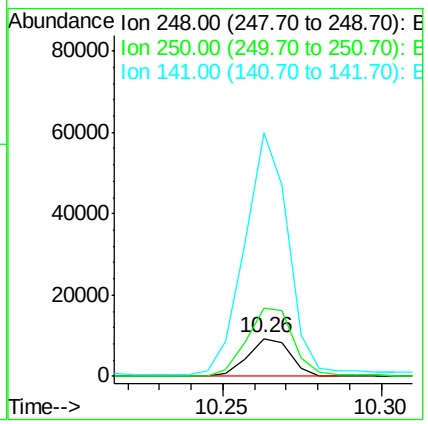


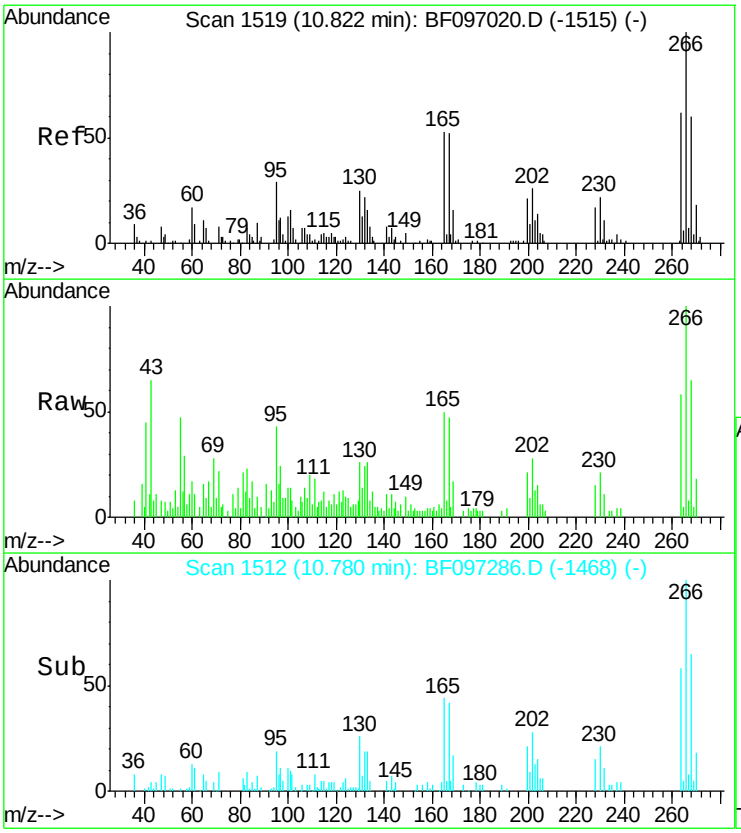
#66
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.29 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8698

Ion	Ratio	Lower	Upper
248	100		
250	181.0	76.8	115.2#
141	639.9	68.6	103.0#

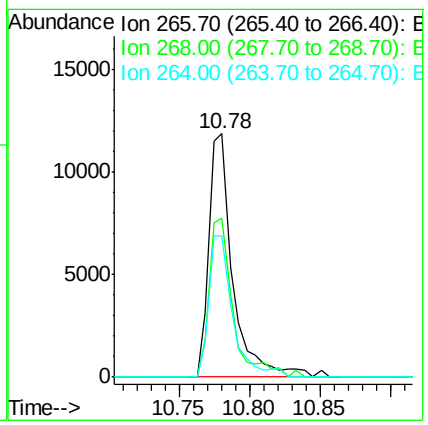


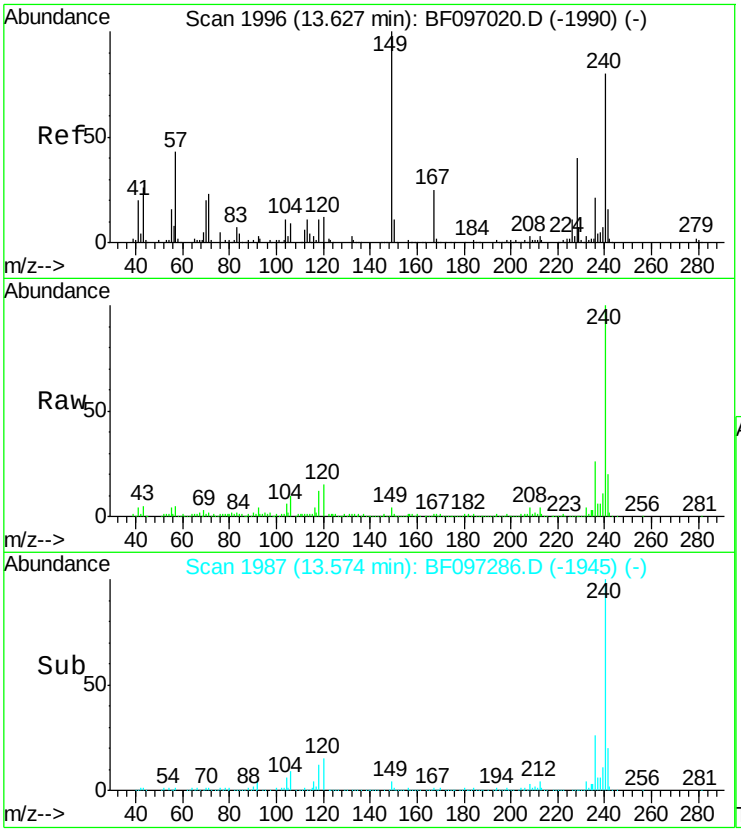


#69
Pentachlorophenol
Concen: 9.17 ng
RT: 10.78 min Scan# 1512
Delta R.T. -0.04 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:266 Resp: 14066

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	58.2	51.7	77.5



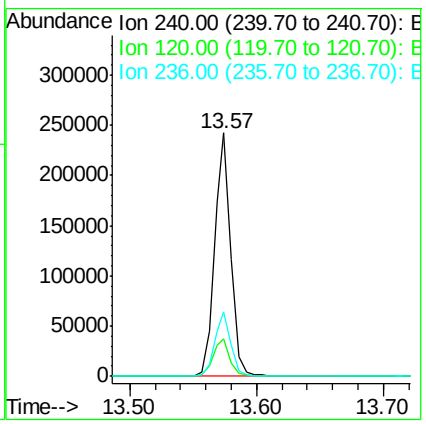


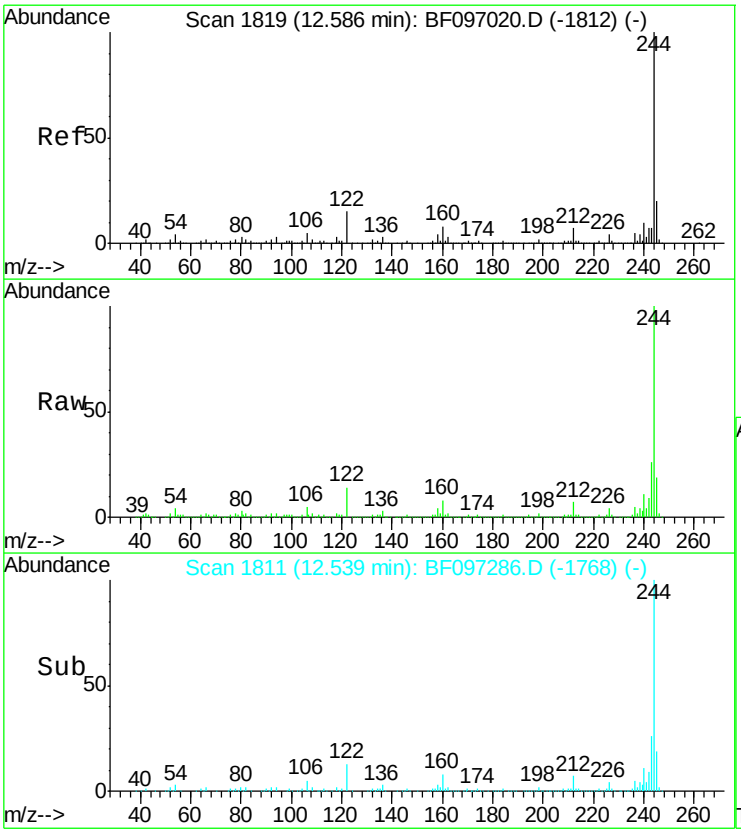
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 217003

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	26.4	20.5	30.7

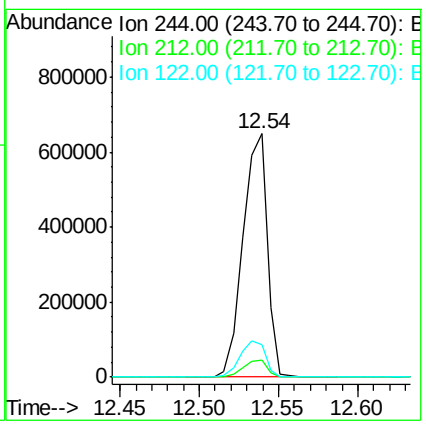


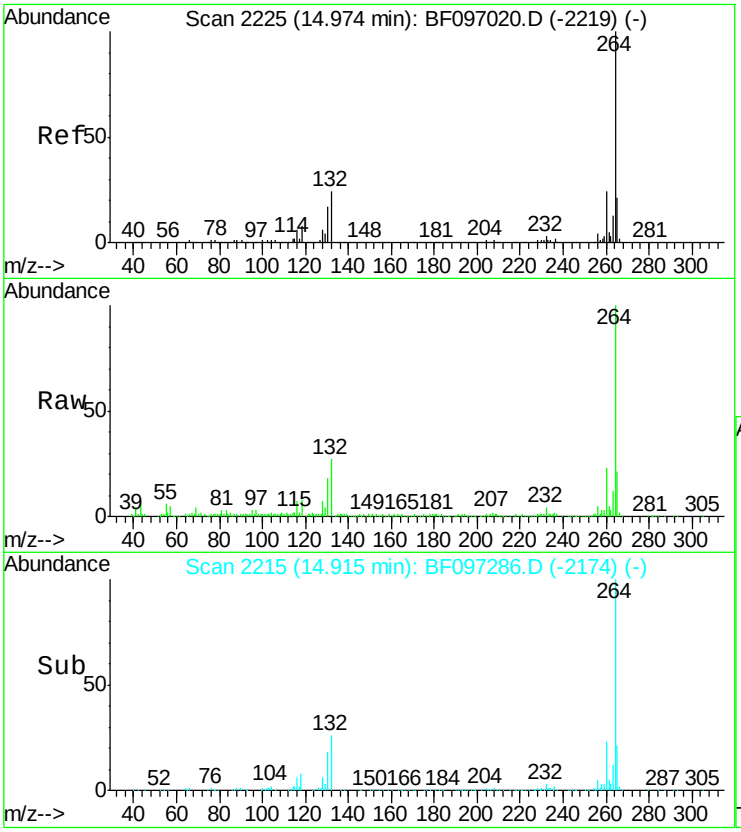


#78
Terphenyl-d14
Concen: 64.76 ng
RT: 12.54 min Scan# 1811
Delta R.T. -0.05 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Tgt Ion:244 Resp: 689227

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.6	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097286.D
Acq: 2 Aug 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 180360

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.3	17.2	25.8