Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097264.D
Acq On : 2 Aug 2017 9:46
Operator : SJ/JU
Sample : I4493-01 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 11:40:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 11:39:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	115866	20.00	ng		0.00
21) Naphthalene-d8	7.75	136	447308	20.00	ng		0.00
38) Acenaphthene-d10	9.49	164	154365	20.00	ng		0.00
63) Phenanthrene-d10	10.96	188	220759	20.00	ng		0.00
75) Chrysene-d12	13.59	240	211346	20.00	ng		0.00
86) Perylene-d12	14.93	264	160121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	150295	19.55	ng		0.00
7) Phenol-d6	6.13	99	207969	23.70	ng		-0.01
23) Nitrobenzene-d5	7.03	82	88845	11.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.28	330	20636	16.92	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	125405	13.79	ng		-0.01
78) Terphenyl-d14	12.54	244	64556	6.23	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.03	82	88854	5.950	ng	#	67
49) Dimethylphthalate	9.22	163	36853	3.144	ng		98
50) 2,6-Dinitrotoluene	9.49	165	19355	7.785	ng	#	33
56) 2,4-Dinitrotoluene	9.49	165	19355	6.772	ng	#	32

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

Quantitation Report (Not Reviewed)

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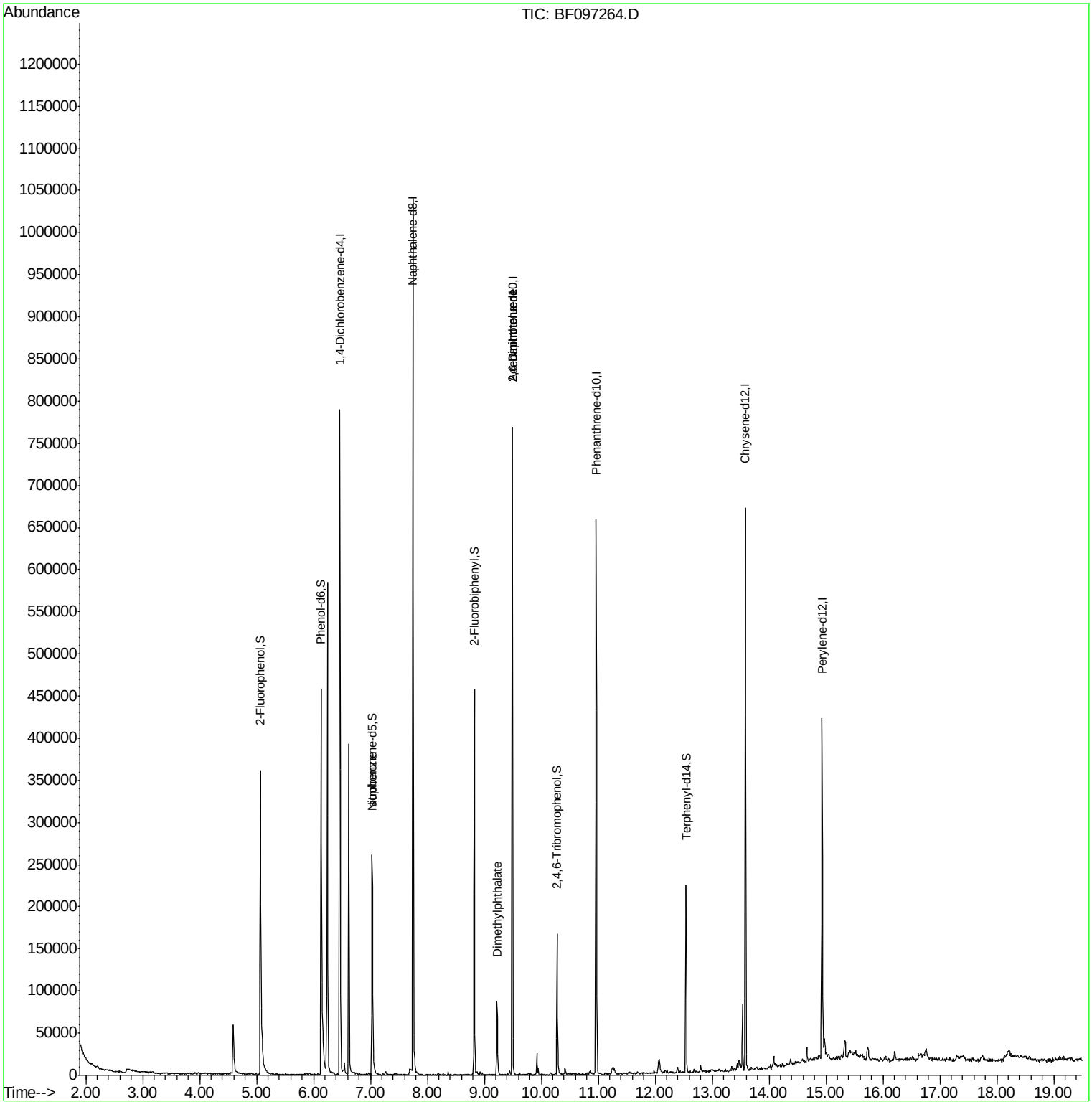
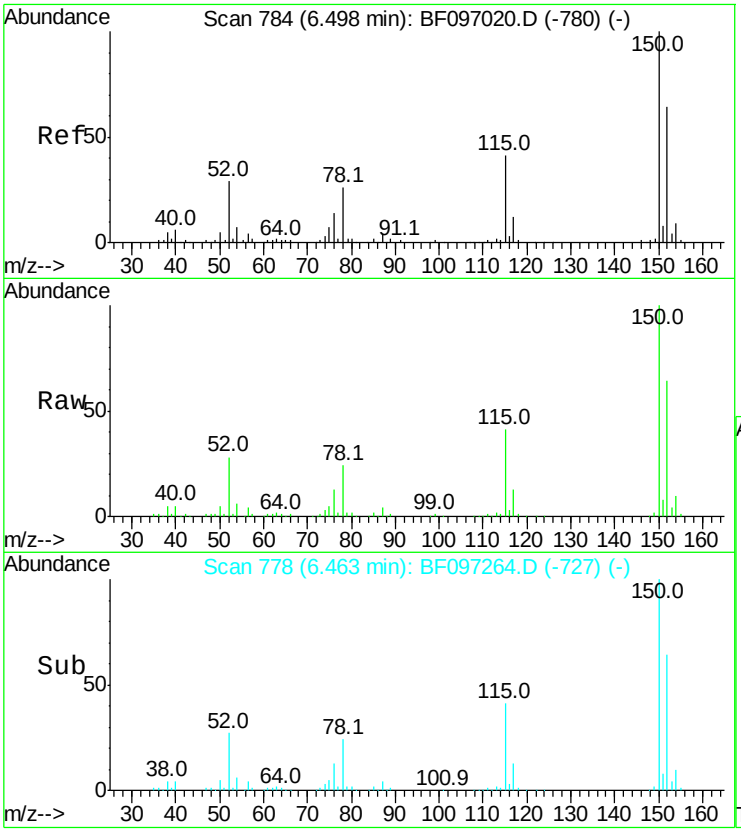


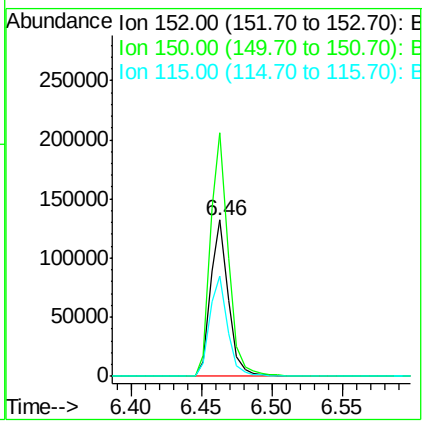


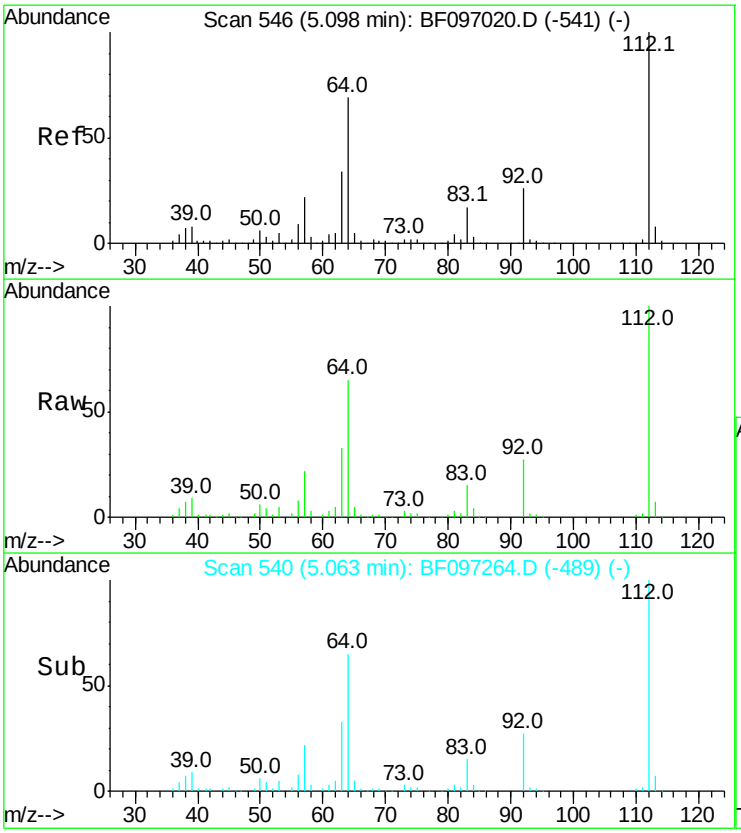
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115866

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	64.1	52.2	78.2

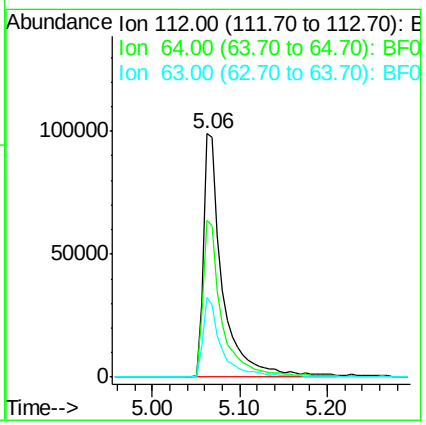


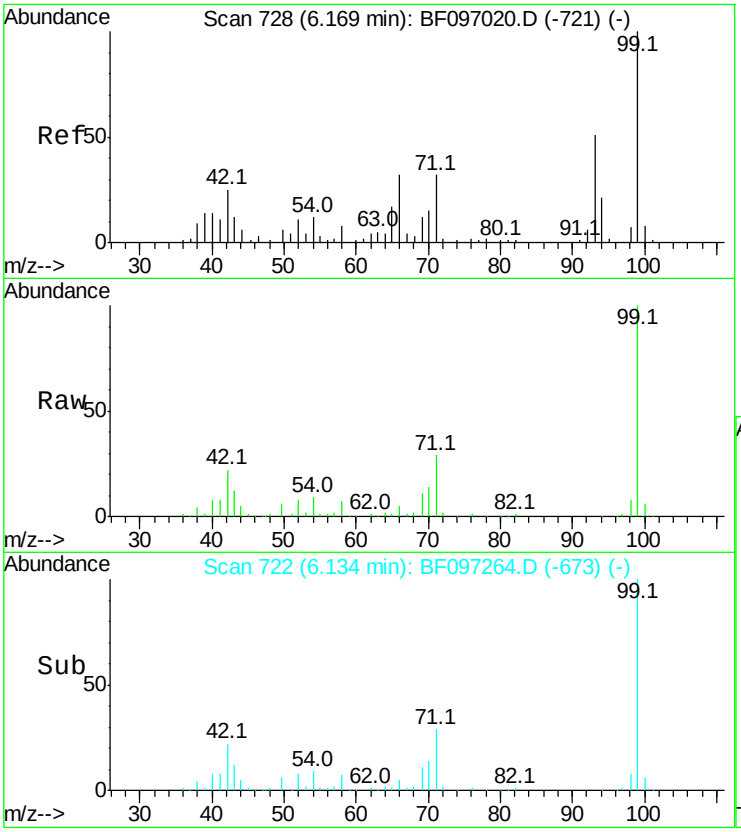


#5
2-Fluorophenol
Concen: 19.554 ng
RT: 5.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:112 Resp: 150295

Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.0	69.0
63	32.6	23.4	35.0



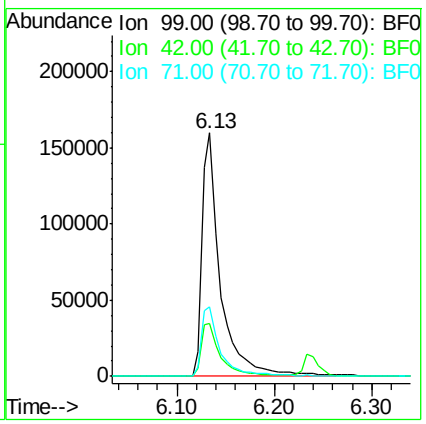


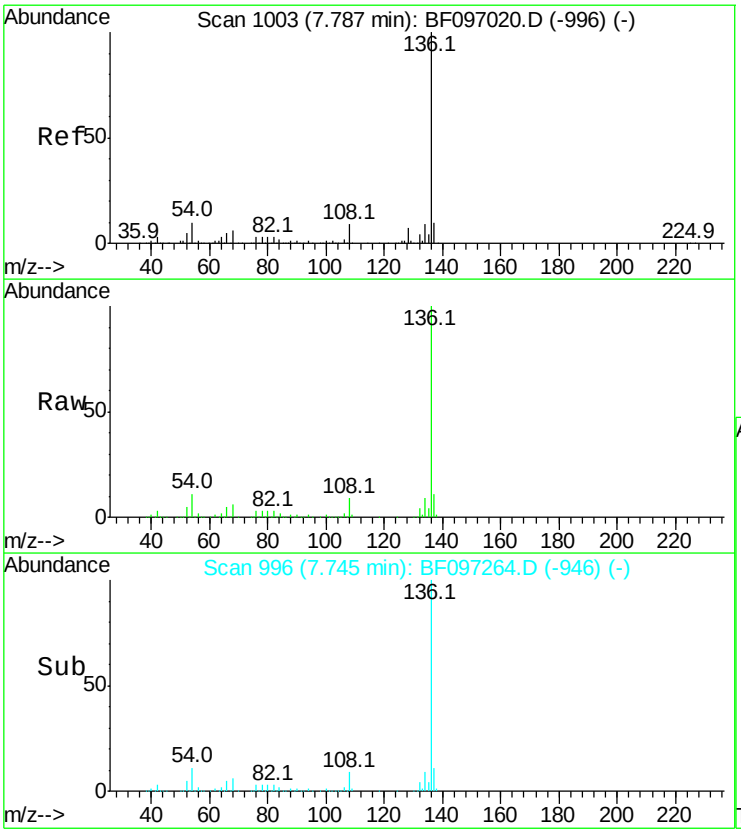
#7
Phenol-d6
Concen: 23.701 ng
RT: 6.13 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 207969

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	28.7	24.5	36.7

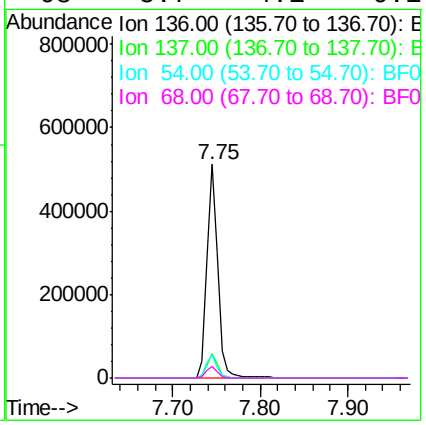


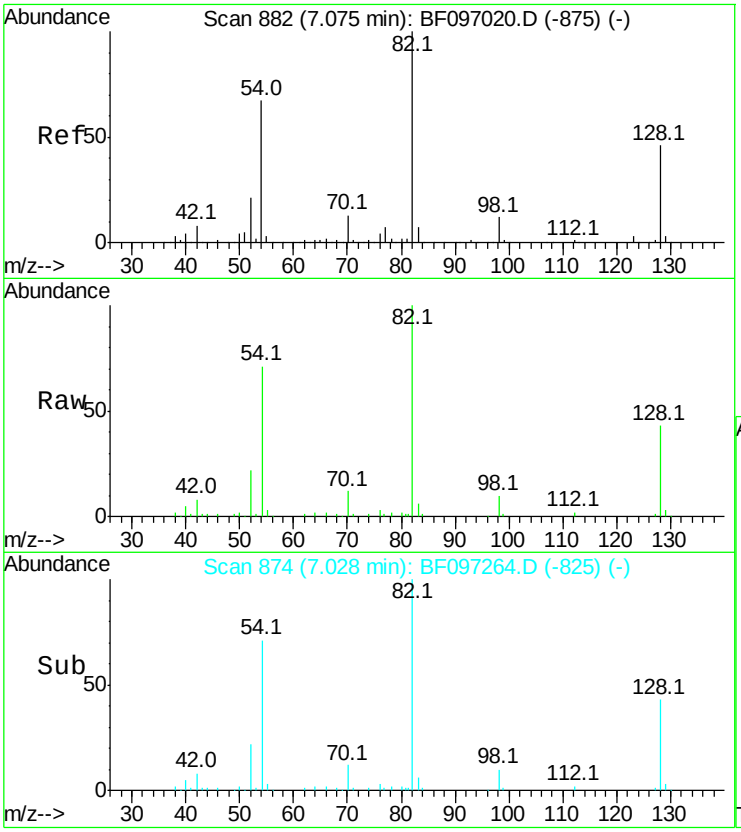


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:136 Resp: 447308

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.9	4.9	7.3#
68	5.7	4.1	6.1



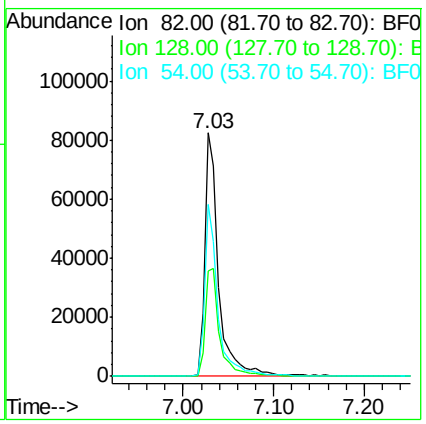


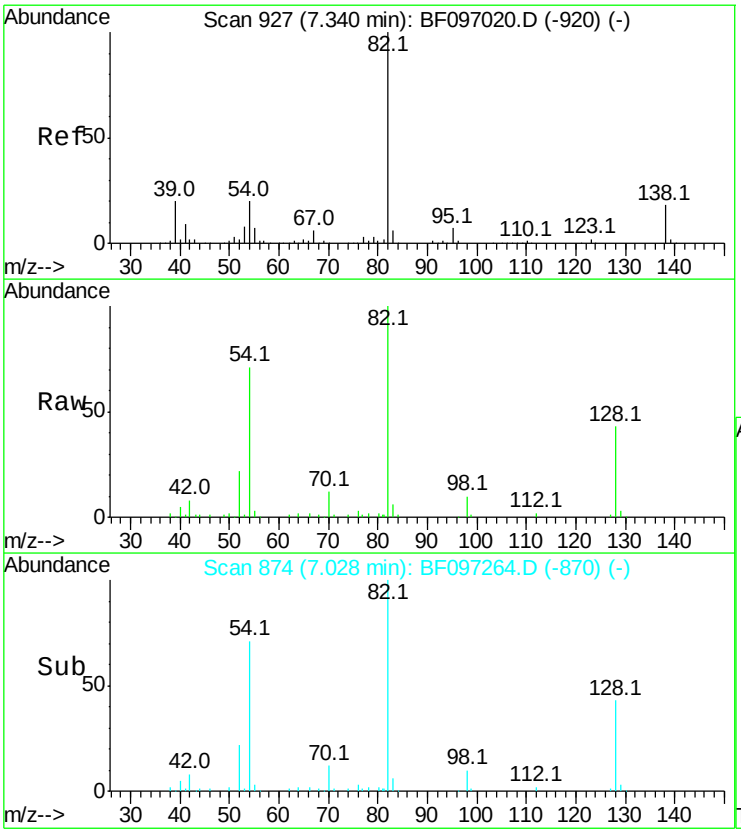
#23
Nitrobenzene-d5
Concen: 11.652 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 88845

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	70.8	42.2	63.2#

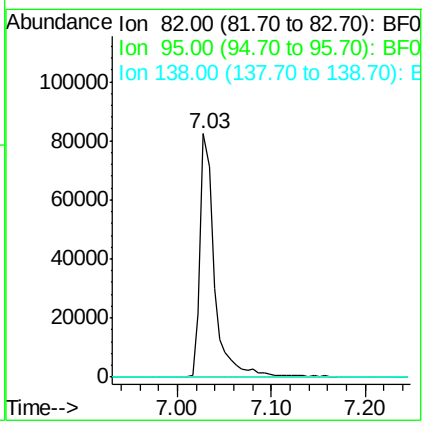


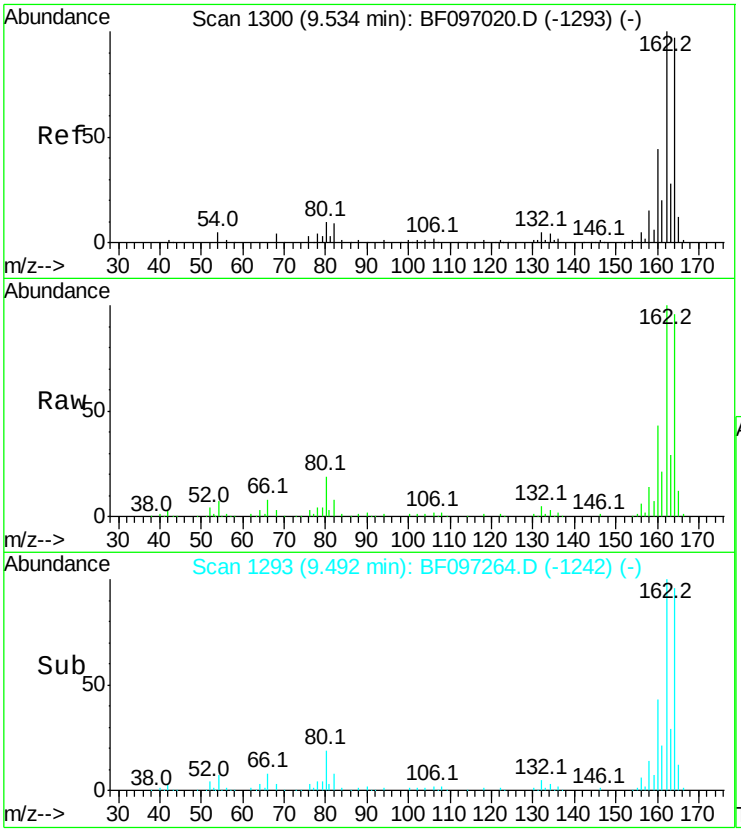


#25
Isophorone
Concen: 5.950 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion: 82 Resp: 88854

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



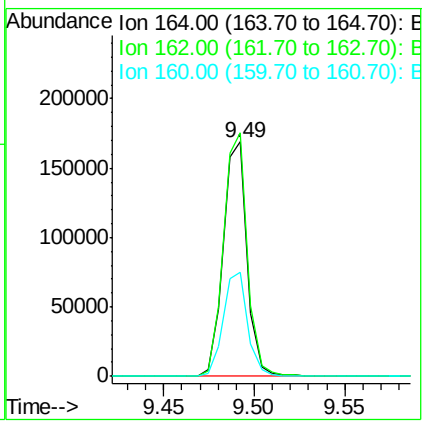


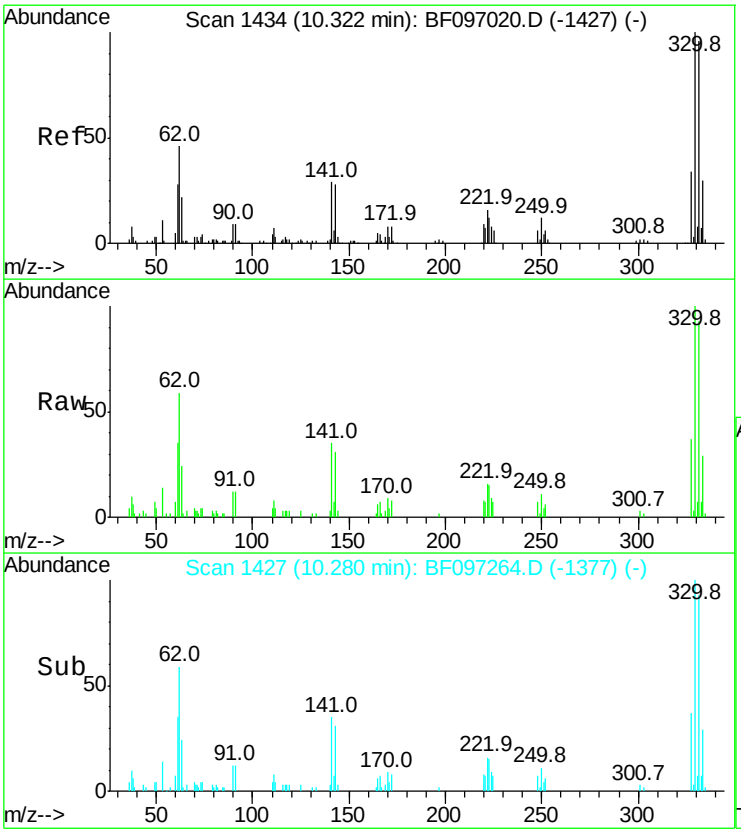
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 154365

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	44.6	36.2	54.2

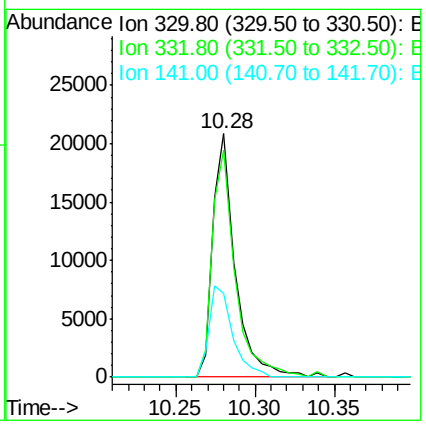


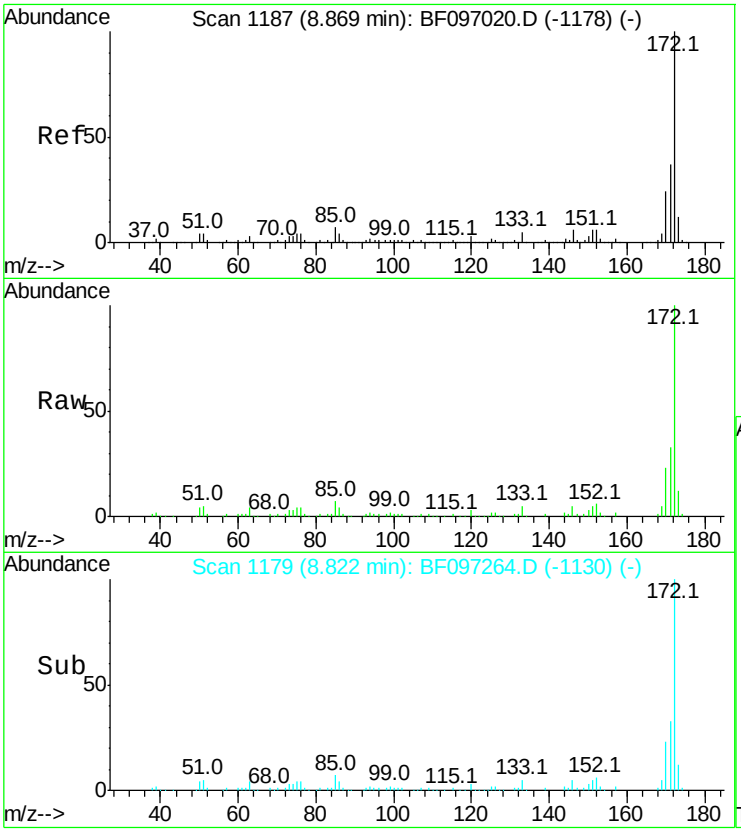


#41
2,4,6-Tribromophenol
Concen: 16.920 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:330 Resp: 20636

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.6	31.4	47.2



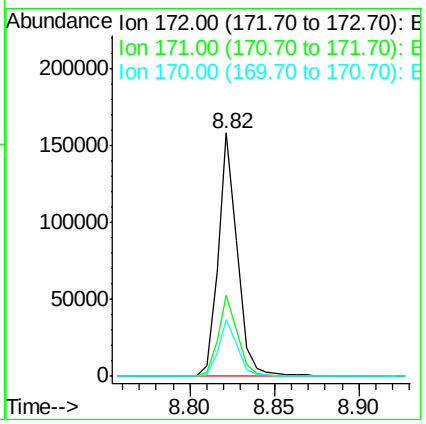


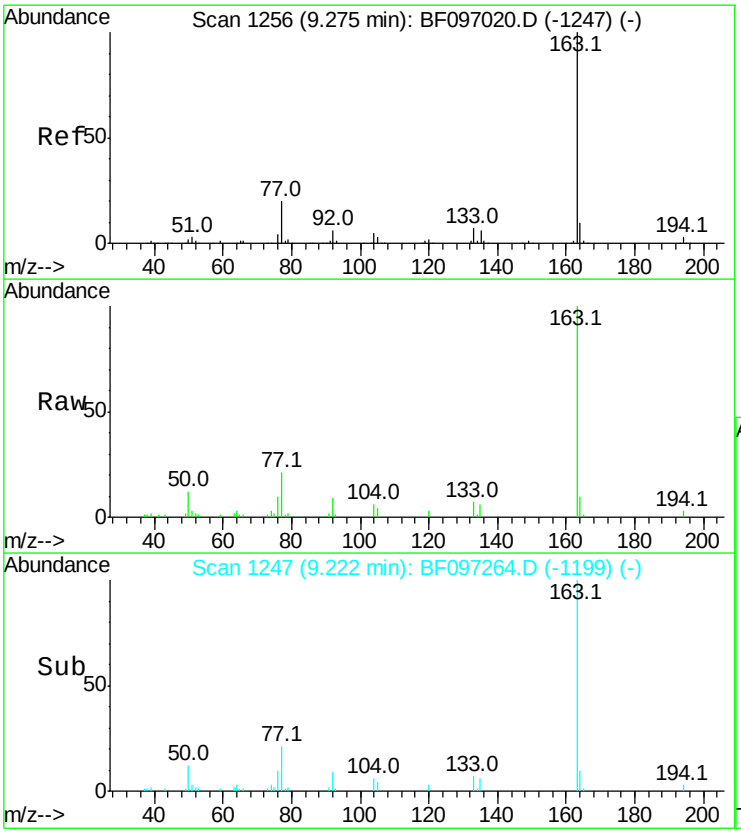
#44
2-Fluorobiphenyl
Concen: 13.787 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 125405

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	23.2	19.8	29.8

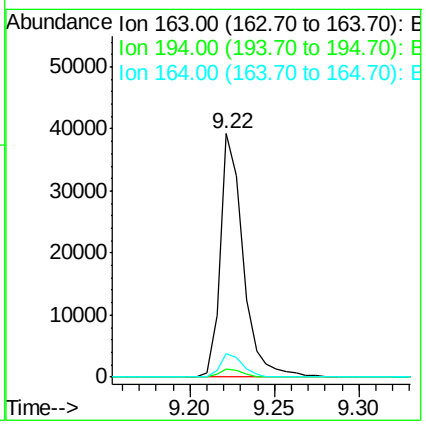


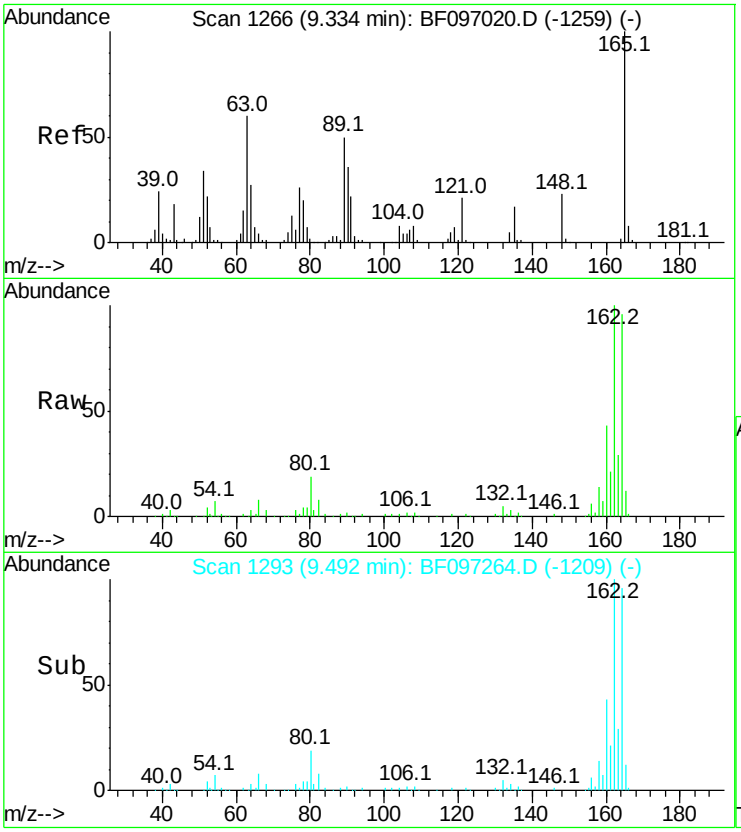


#49
Dimethylphthalate
Concen: 3.144 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:163 Resp: 36853

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6



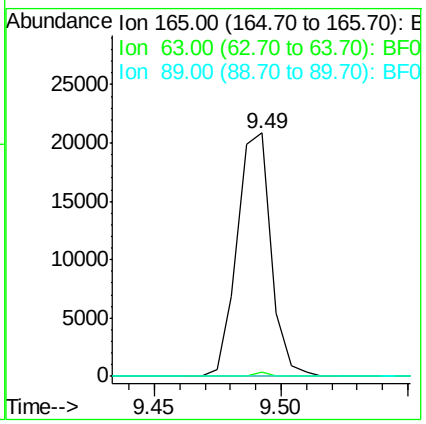


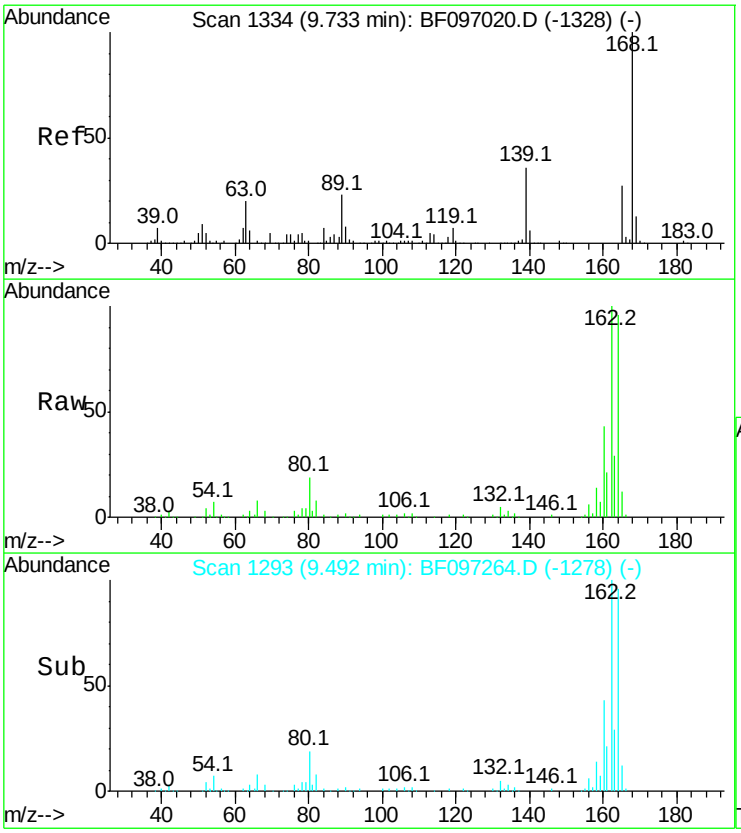
#50
2,6-Dinitrotoluene
Concen: 7.785 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19355

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	0.0	37.1	55.7#

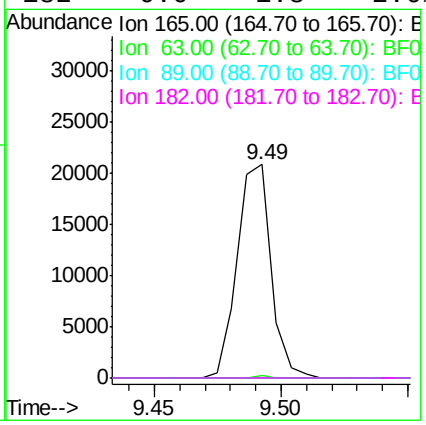


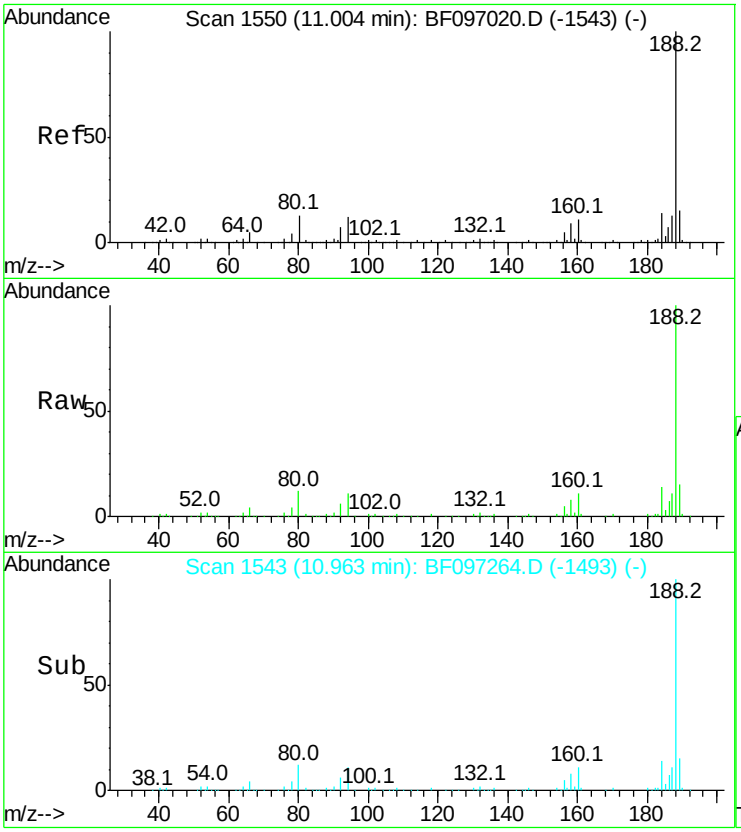


#56
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.21 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:165 Resp: 19355

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



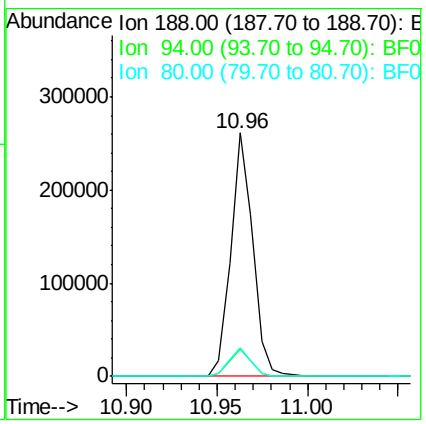


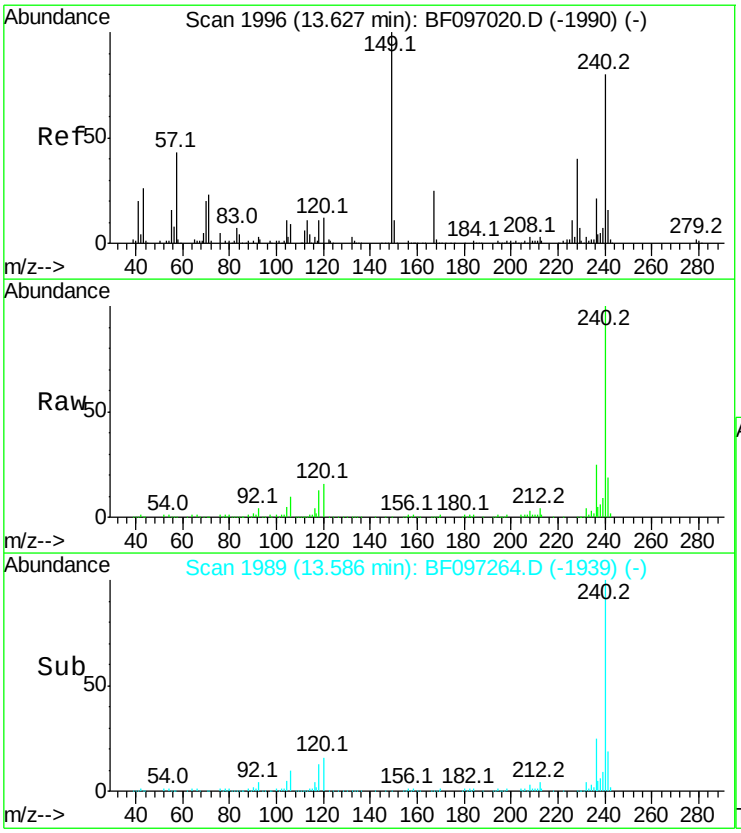
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 220759

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.8	10.2	15.2

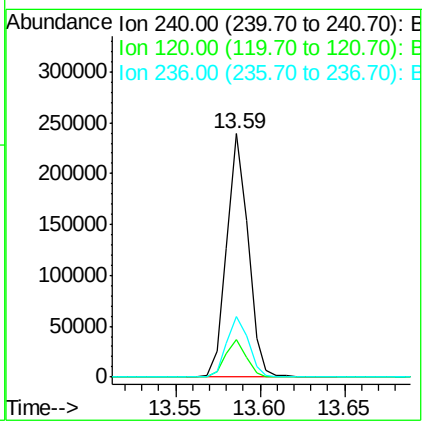


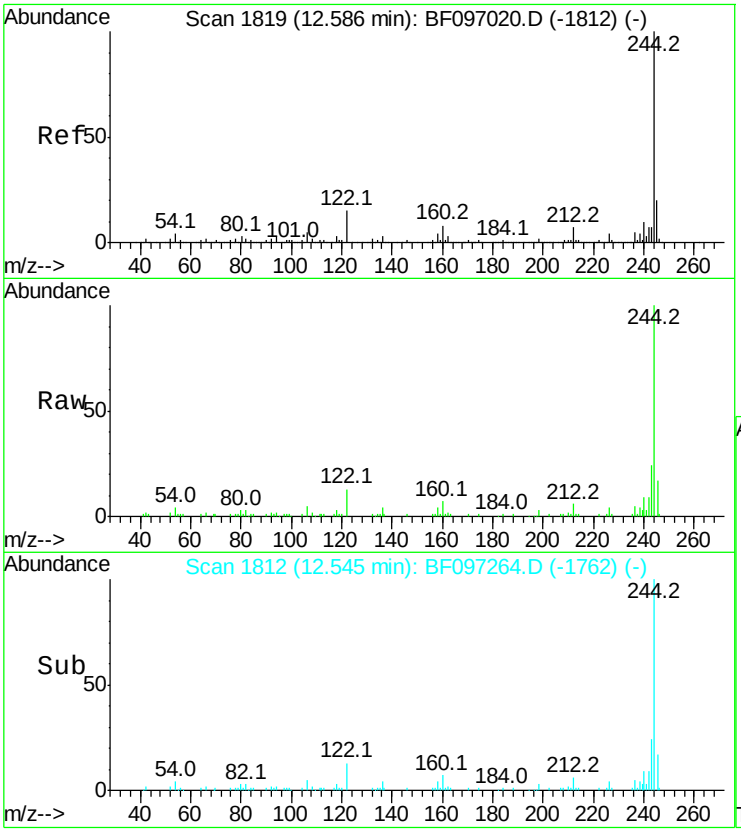


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:240 Resp: 211346

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.8	20.5	30.7



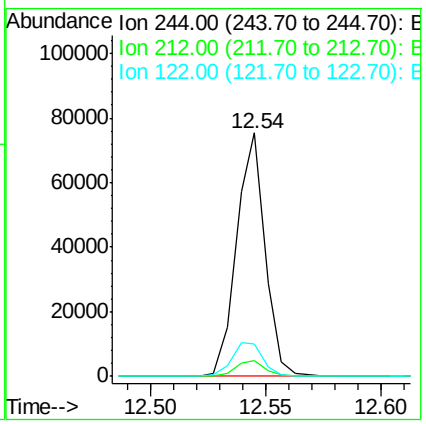


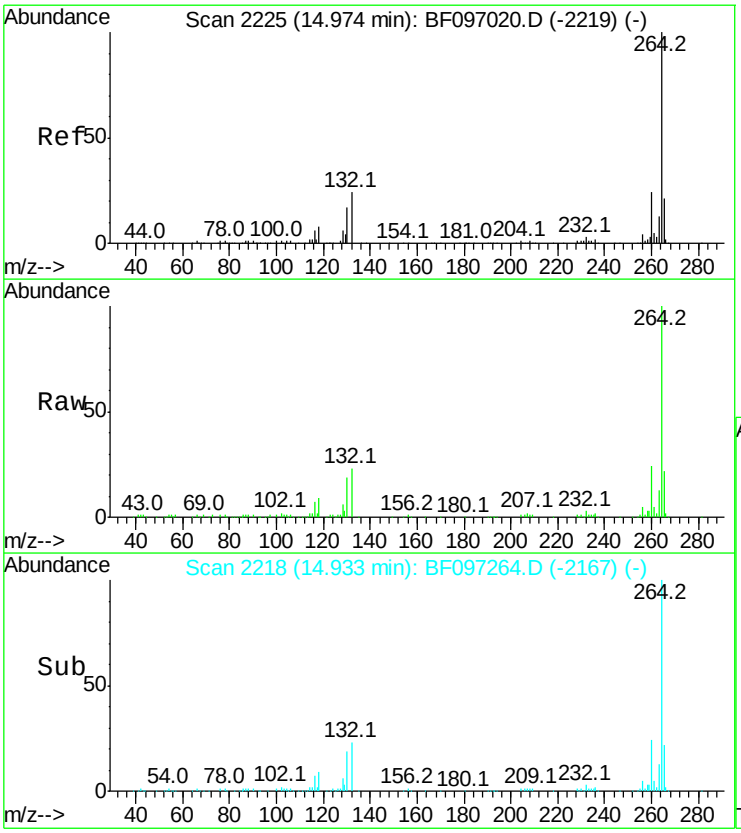
#78
Terphenyl-d14
Concen: 6.228 ng
RT: 12.54 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 64556

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.5	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.93 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:264 Resp: 160121

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.2	25.8