Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097365.D
Acq On : 4 Aug 2017 19:39
Operator : SJ/JU
Sample : I4562-04RE 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-B

Quant Time: Aug 04 23:00:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	113346	20.00	ng		-0.06
21) Naphthalene-d8	7.72	136	491628	20.00	ng		-0.06
38) Acenaphthene-d10	9.46	164	205854	20.00	ng		-0.07
63) Phenanthrene-d10	10.93	188	281533	20.00	ng		-0.07
75) Chrysene-d12	13.55	240	204354	20.00	ng		-0.08
86) Perylene-d12	14.89	264	169182	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	177732	23.64	ng		-0.06
7) Phenol-d6	6.12	99	213768	24.90	ng		-0.05
23) Nitrobenzene-d5	7.01	82	116638	13.92	ng		-0.06
41) 2,4,6-Tribromophenol	10.25	330	27342	16.81	ng		-0.07
44) 2-Fluorobiphenyl	8.80	172	217679	17.95	ng		-0.07
78) Terphenyl-d14	12.51	244	124898	12.46	ng		-0.08
Target Compounds							Qvalue
32) Benzoic acid	7.54	122	11694	2.01	ng		95
50) 2,6-Dinitrotoluene	9.46	165	26450	7.98	ng	#	34
56) 2,4-Dinitrotoluene	9.46	165	26450	6.94	ng	#	34

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

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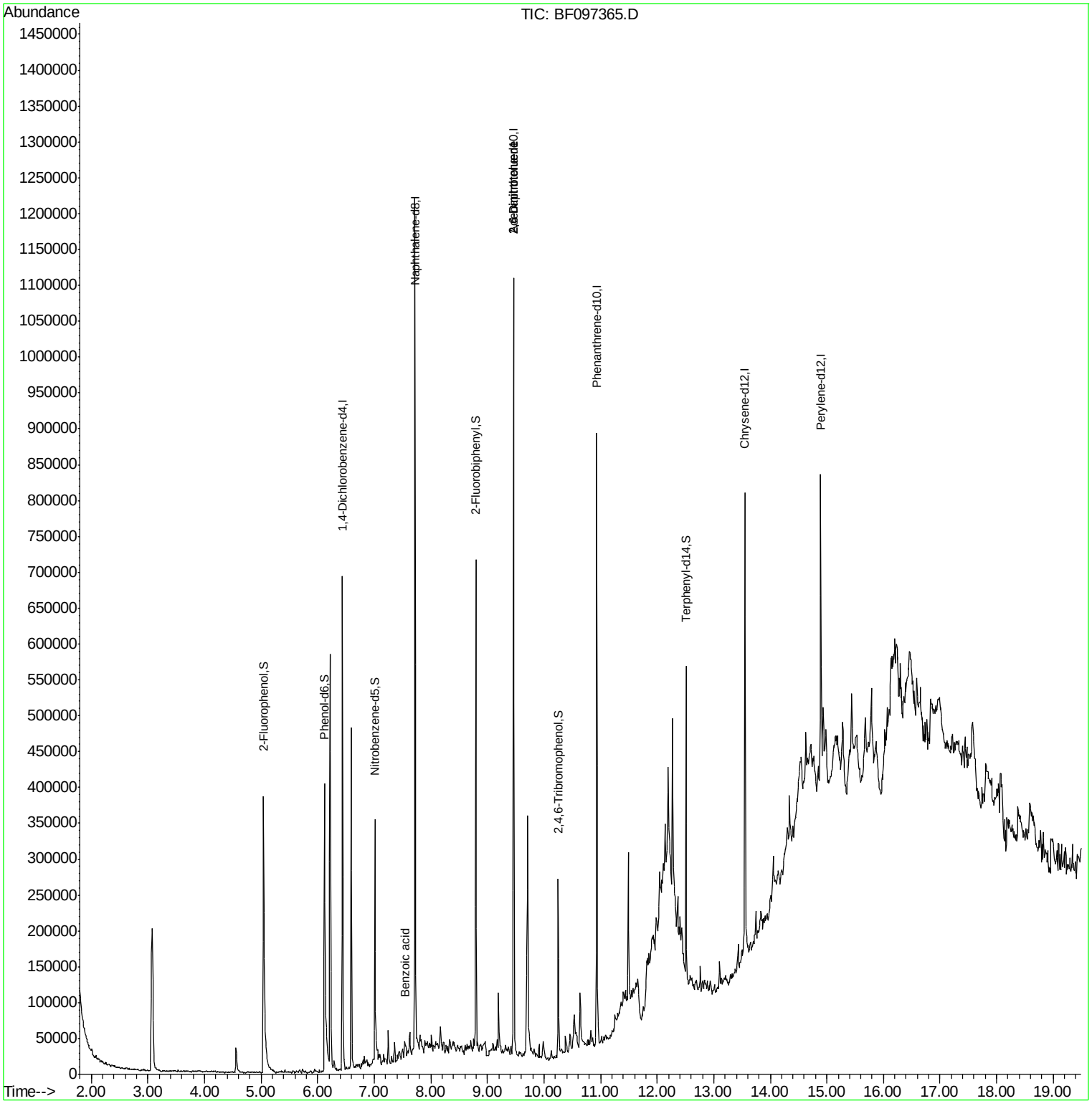
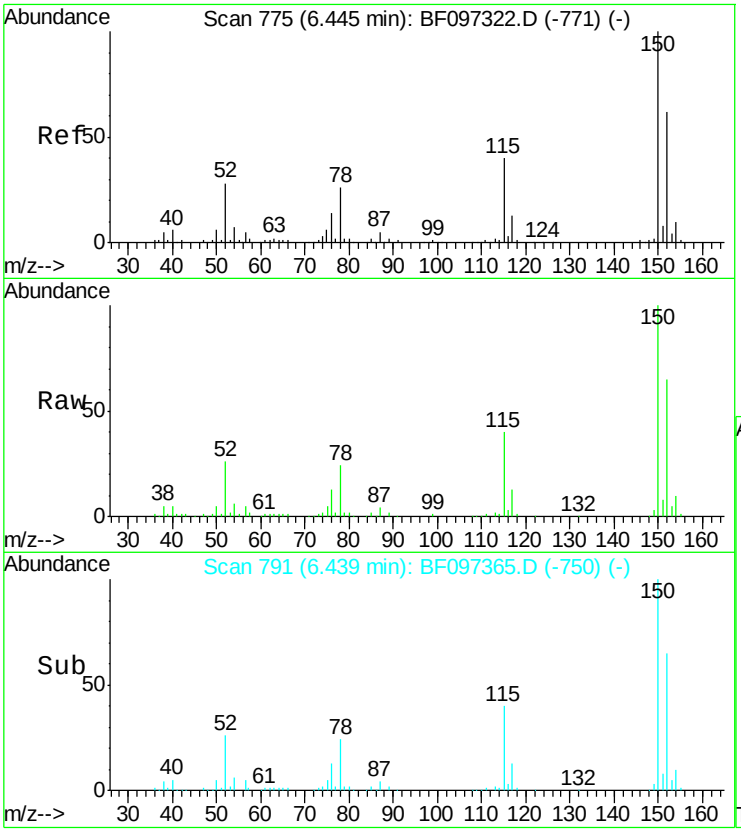


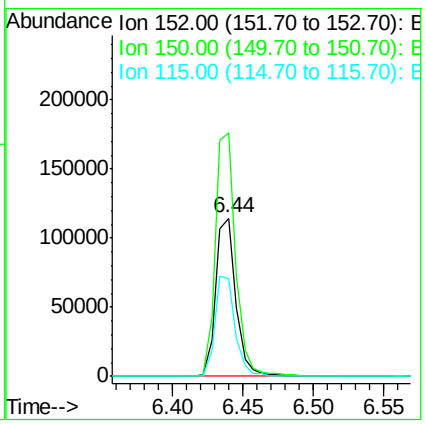


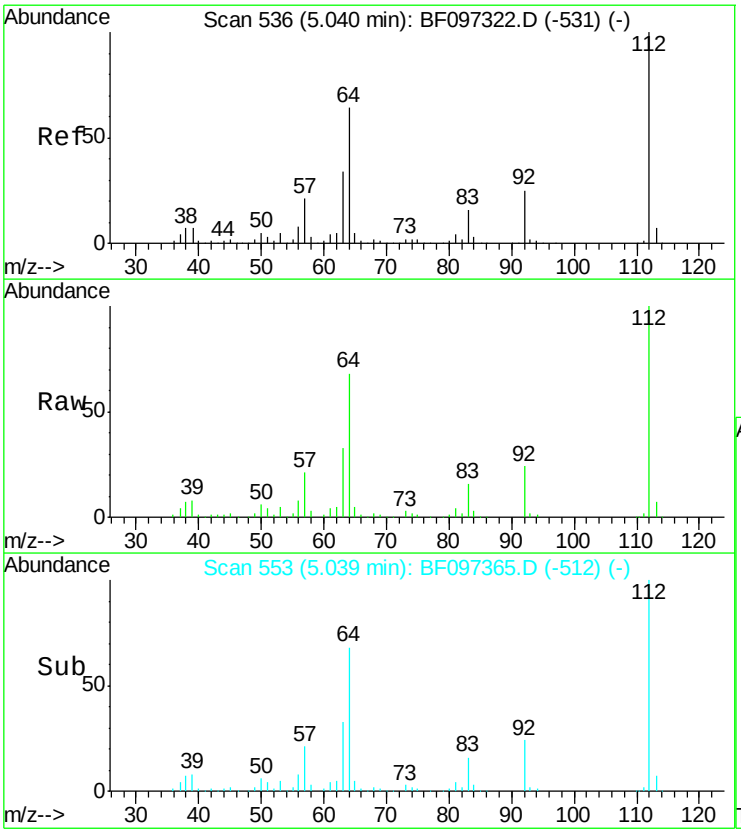
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion:152 Resp: 113346

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	61.6	52.2	78.2

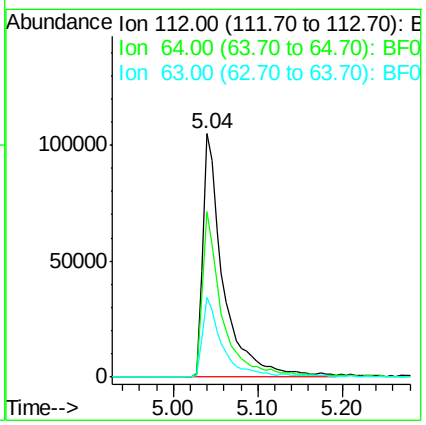


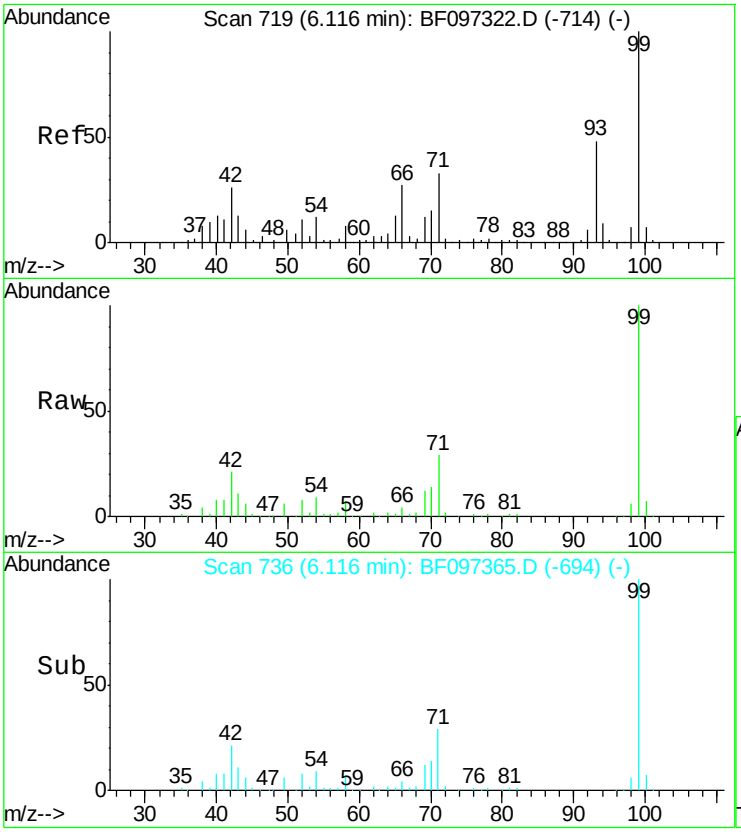


#5
2-Fluorophenol
Concen: 23.64 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:112 Resp: 177732

Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.0	69.0
63	32.9	23.4	35.0



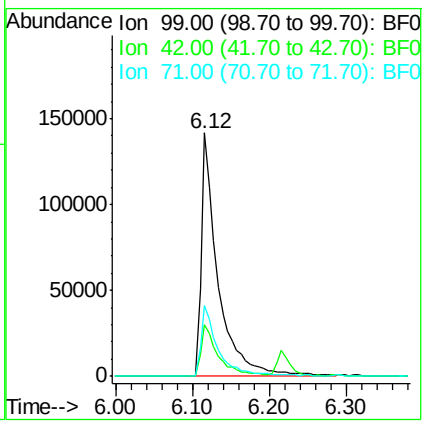


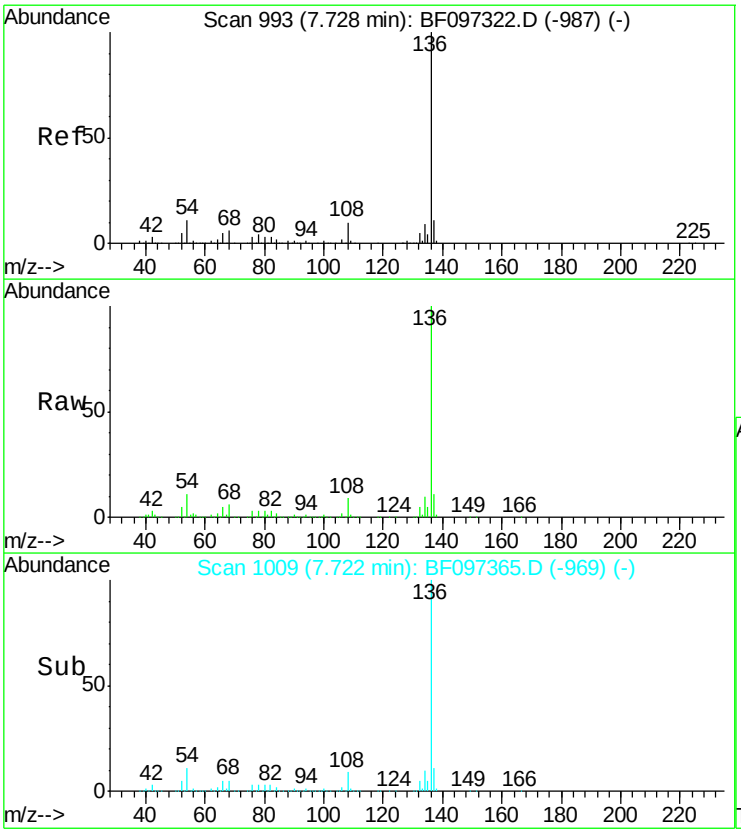
#7
Phenol-d6
Concen: 24.90 ng
RT: 6.12 min Scan# 736
Delta R.T. -0.05 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion: 99 Resp: 213768

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	29.0	24.5	36.7

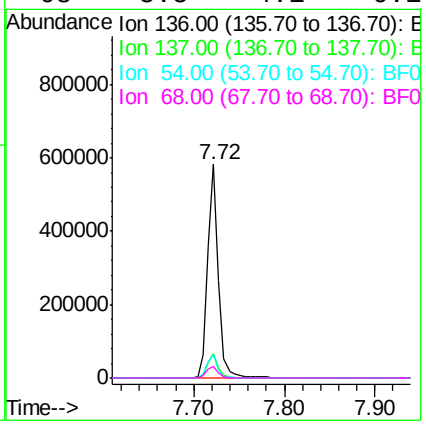


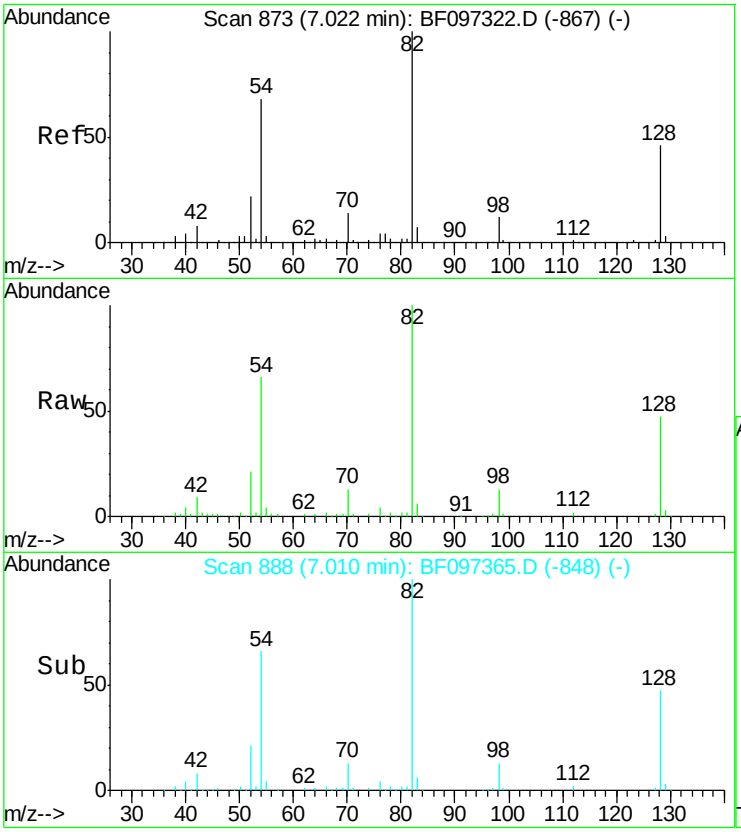


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:136 Resp: 491628

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.7	4.9	7.3#
68	5.5	4.1	6.1



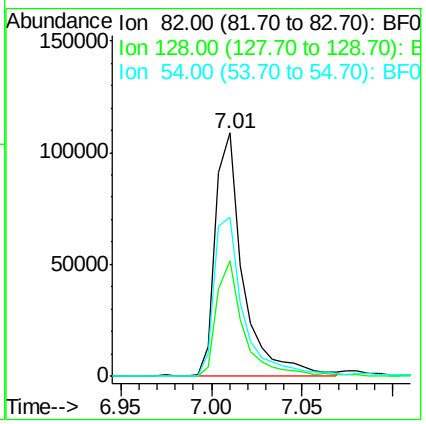


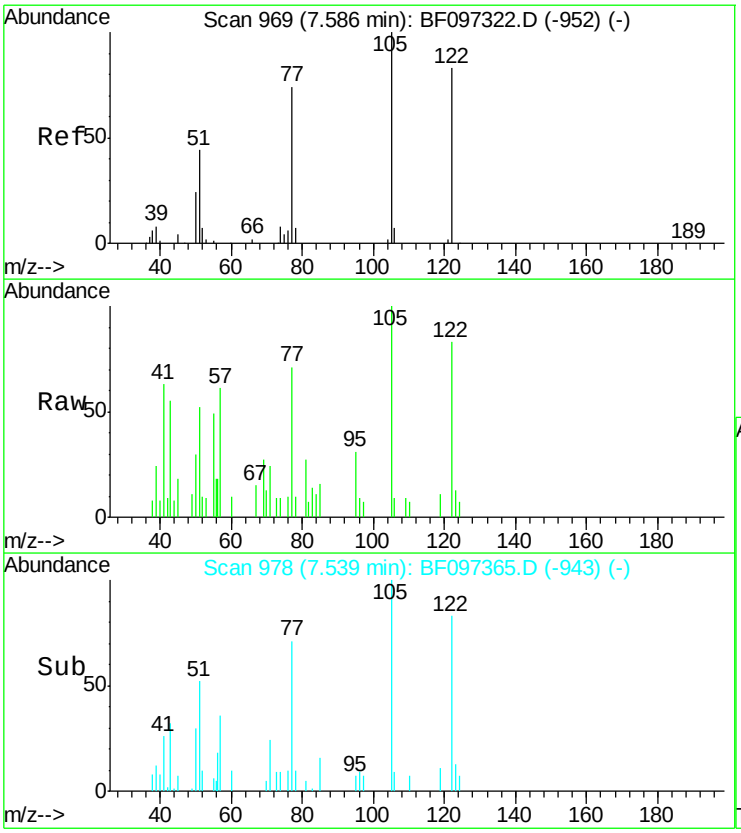
#23
Nitrobenzene-d5
Concen: 13.92 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion: 82 Resp: 116638

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	65.6	42.2	63.2#

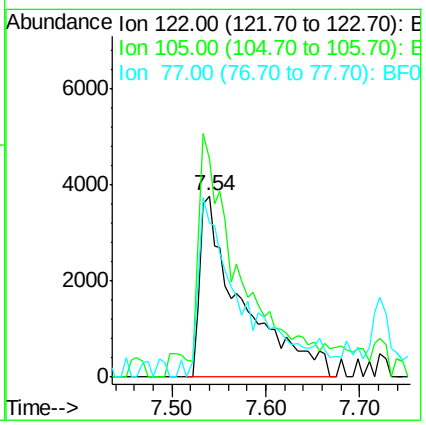


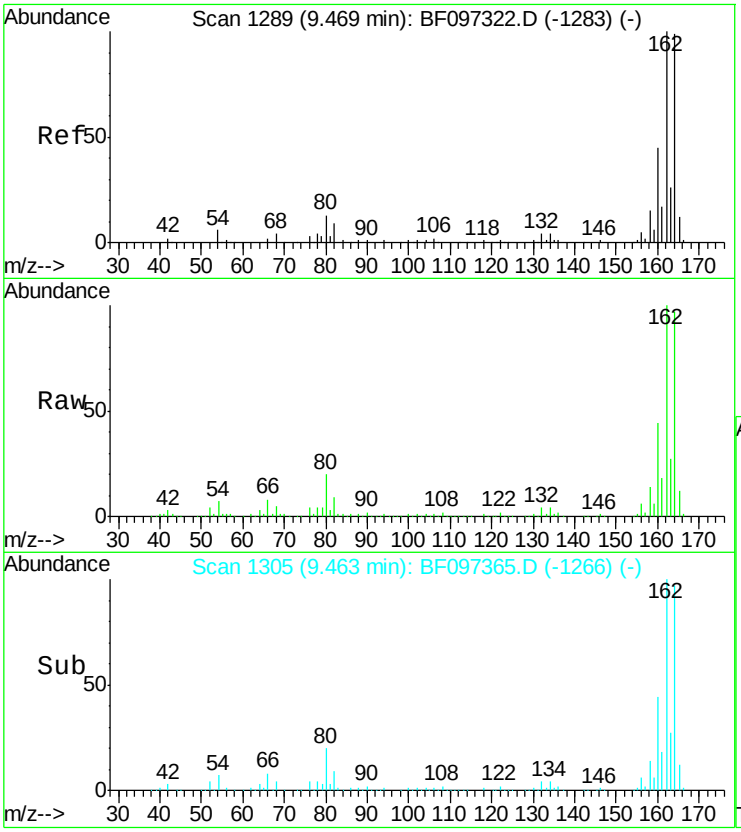


#32
Benzoic acid
Concen: 2.01 ng
RT: 7.54 min Scan# 978
Delta R.T. -0.09 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:122 Resp: 11694

Ion	Ratio	Lower	Upper
122	100		
105	120.4	103.3	143.3
77	85.2	73.7	113.7



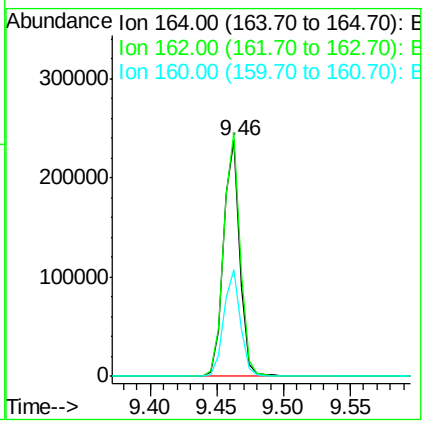


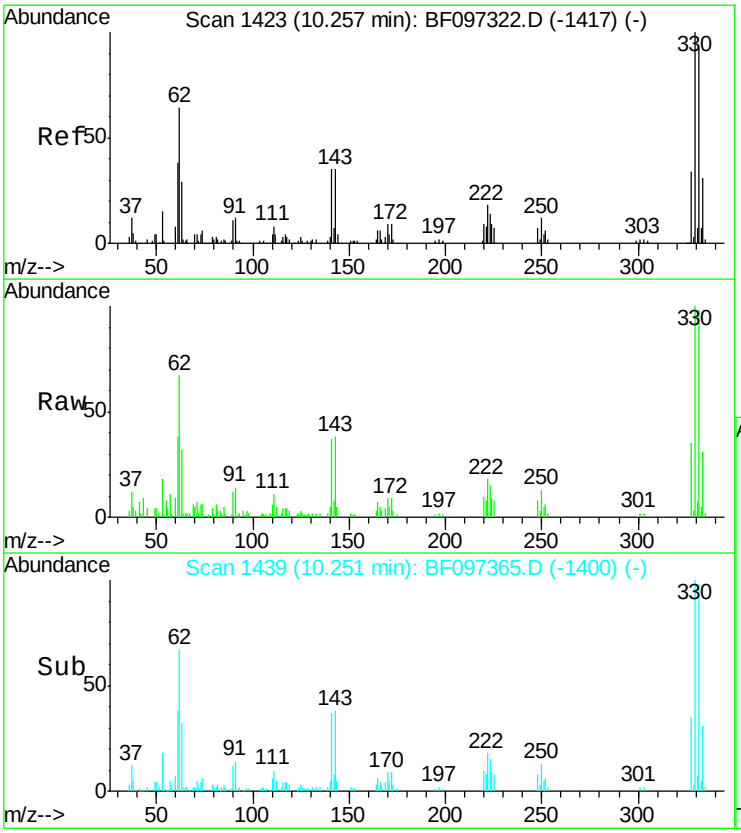
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion:164 Resp: 205854

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	45.1	36.2	54.2

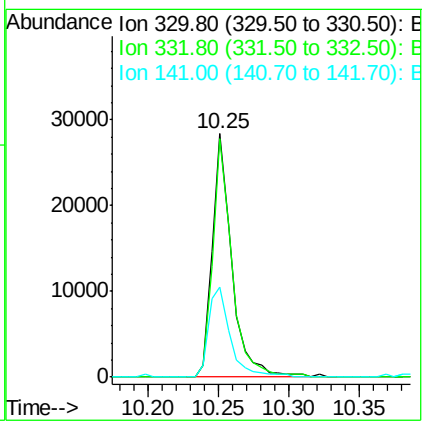


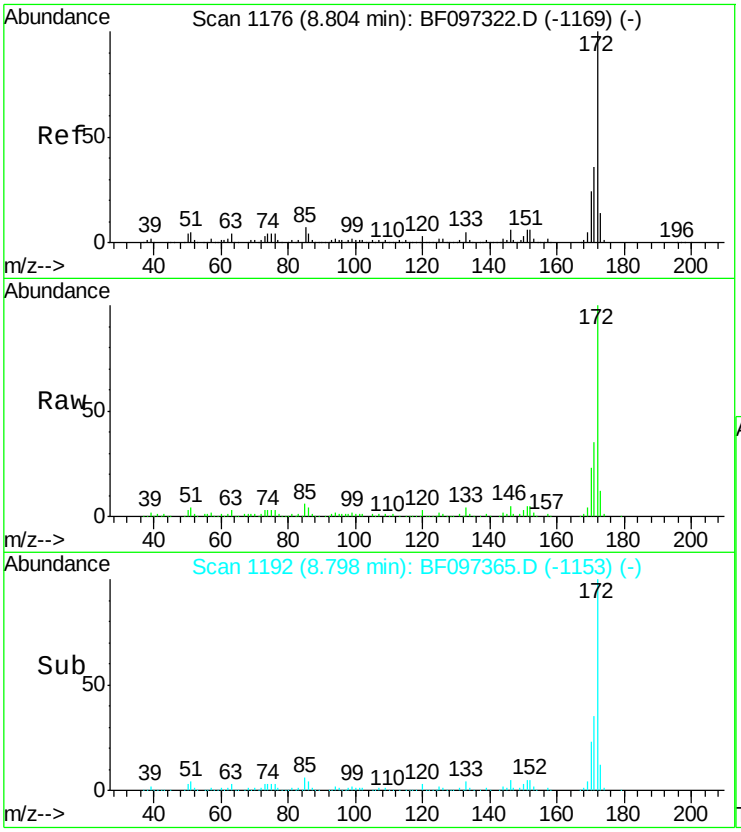


#41
2,4,6-Tribromophenol
Concen: 16.81 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:330 Resp: 27342

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	41.0	31.4	47.2



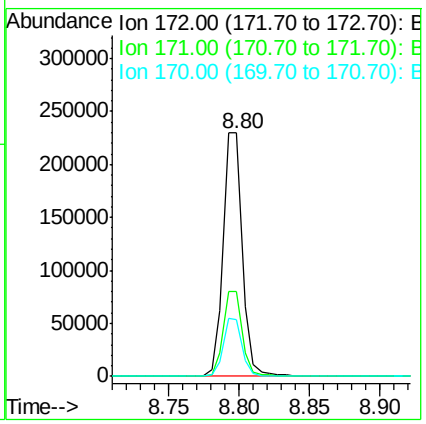


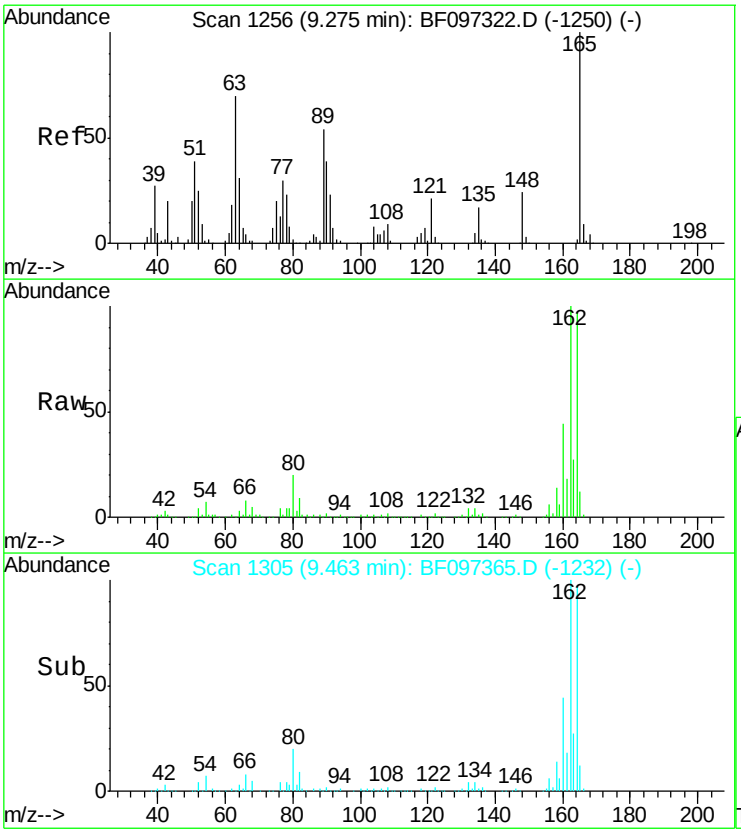
#44
2-Fluorobiphenyl
Concen: 17.95 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion:172 Resp: 217679

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.2	19.8	29.8

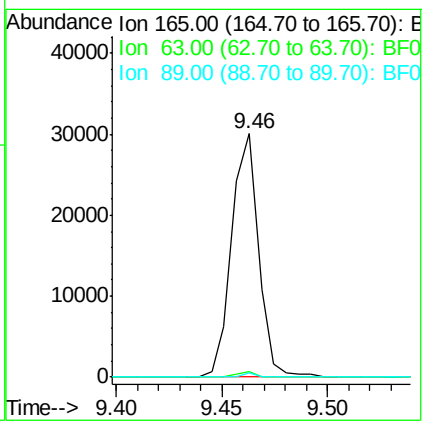


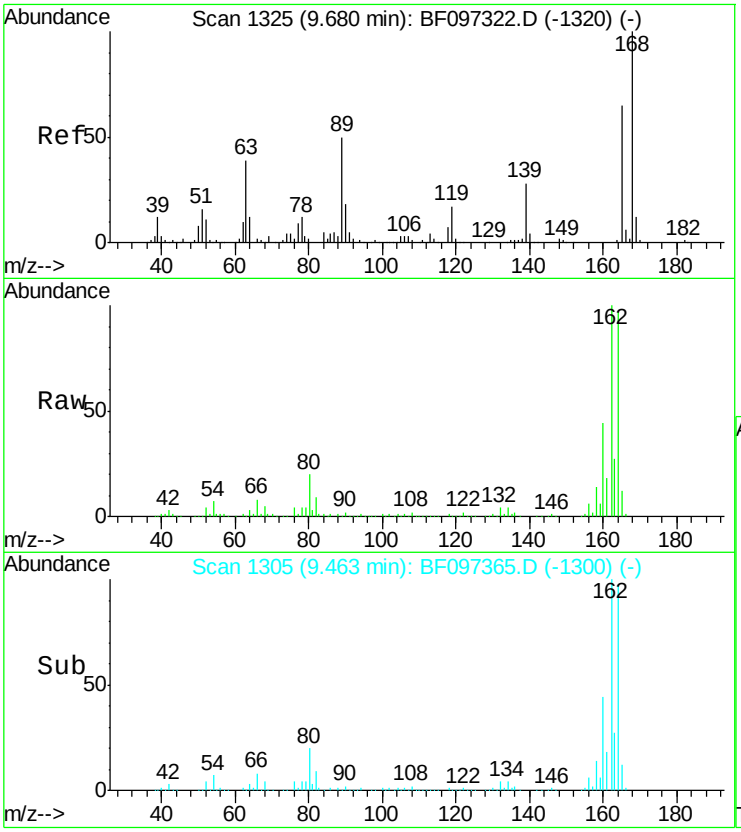


#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.46 min Scan# 1305
Delta R.T. 0.13 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:165 Resp: 26450

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.6	37.1	55.7#



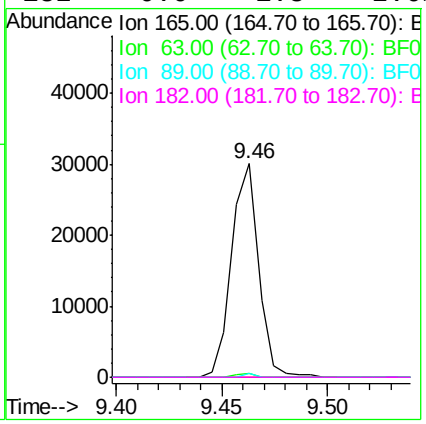


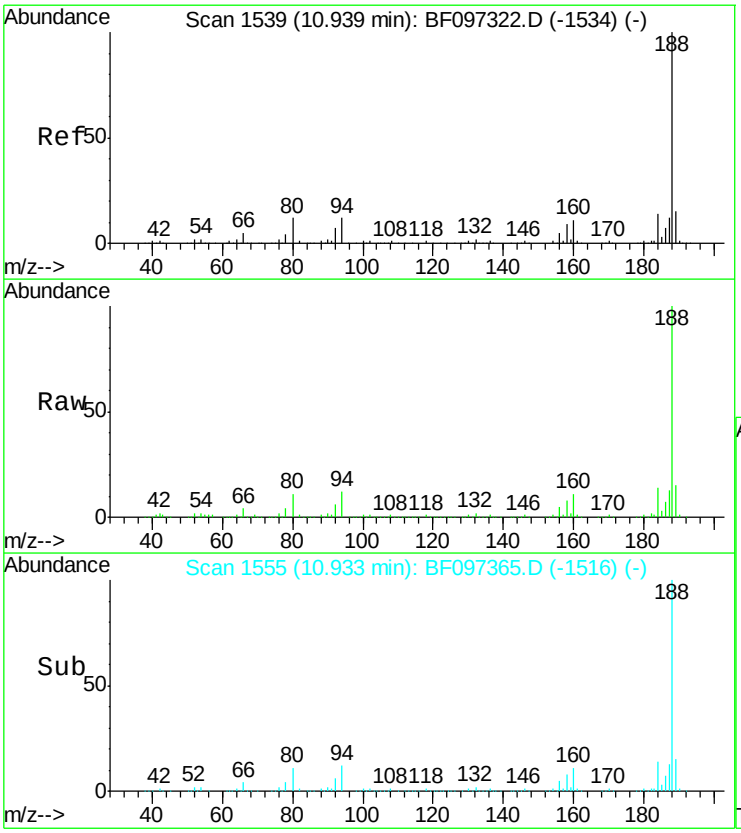
#56
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.27 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion:165 Resp: 26450

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

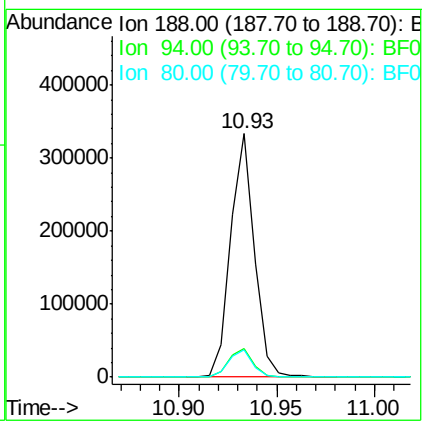


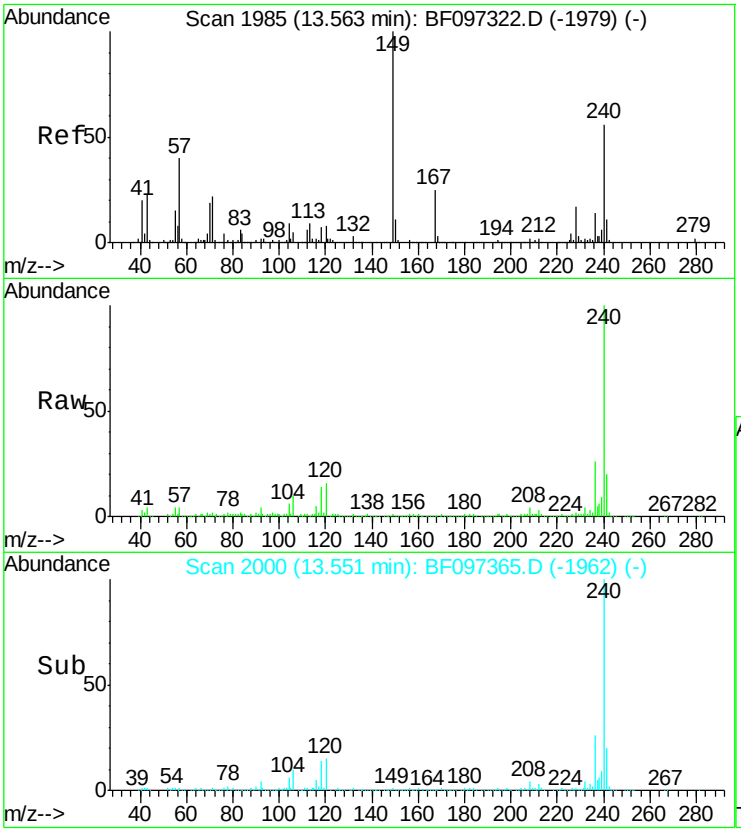


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:188 Resp: 281533

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.1	10.2	15.2



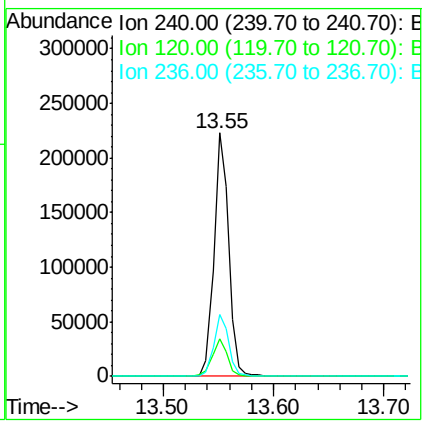


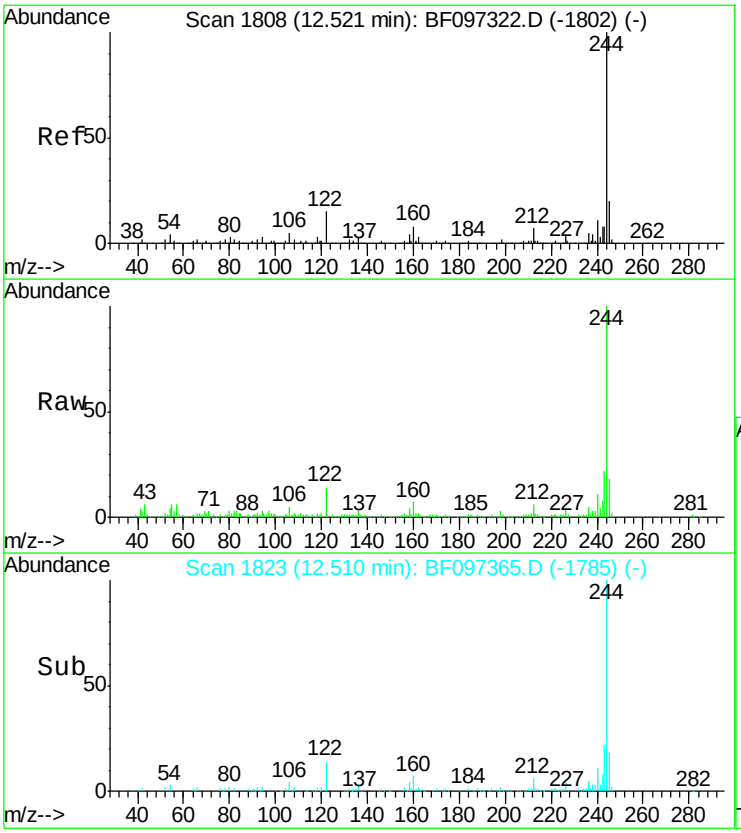
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.08 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion:240 Resp: 204354

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.6	20.5	30.7

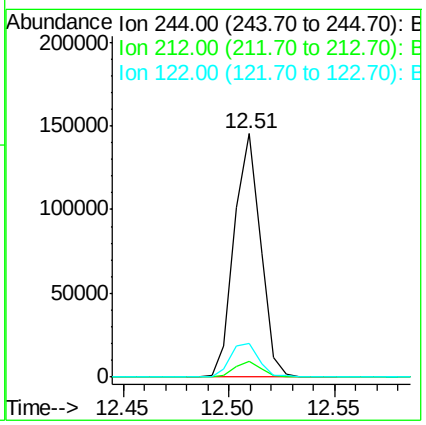


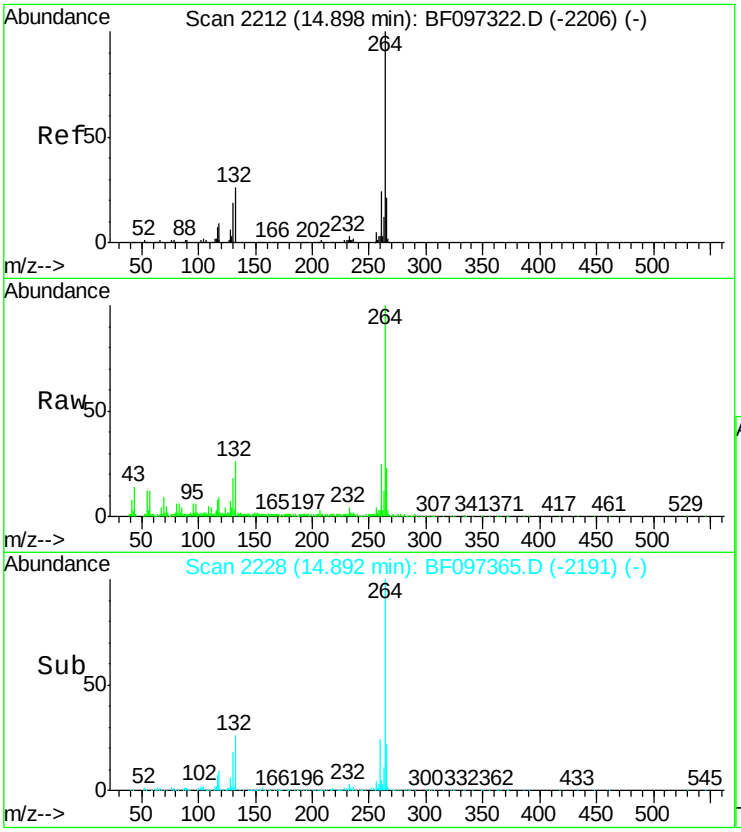


#78
Terphenyl-d14
Concen: 12.46 ng
RT: 12.51 min Scan# 1823
Delta R.T. -0.08 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:244 Resp: 124898

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.8	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tgt Ion:264 Resp: 169182

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.5	17.2	25.8