Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097341.D
Acq On : 4 Aug 2017 2:40
Operator : SJ/JU
Sample : I4562-04 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Aug 04 03:46:52 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	6.45	152	98588	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	418038	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	149012	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	227047	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	166997	20.00	ng	-0.06
86) Perylene-d12	14.91	264	106808	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	159836	24.44	ng	-0.05
7) Phenol-d6	6.12	99	198323	26.56	ng	-0.05
23) Nitrobenzene-d5	7.02	82	90354	12.68	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	22955	19.50	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	176297	20.08	ng	-0.06
78) Terphenyl-d14	12.52	244	113432	13.85	ng	-0.06
Target Compounds						Qvalue
25) Isophorone	7.02	82	90246	6.467	ng	# 67
50) 2,6-Dinitrotoluene	9.47	165	19769	8.237	ng	# 34
56) 2,4-Dinitrotoluene	9.47	165	19769	7.165	ng	# 33

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

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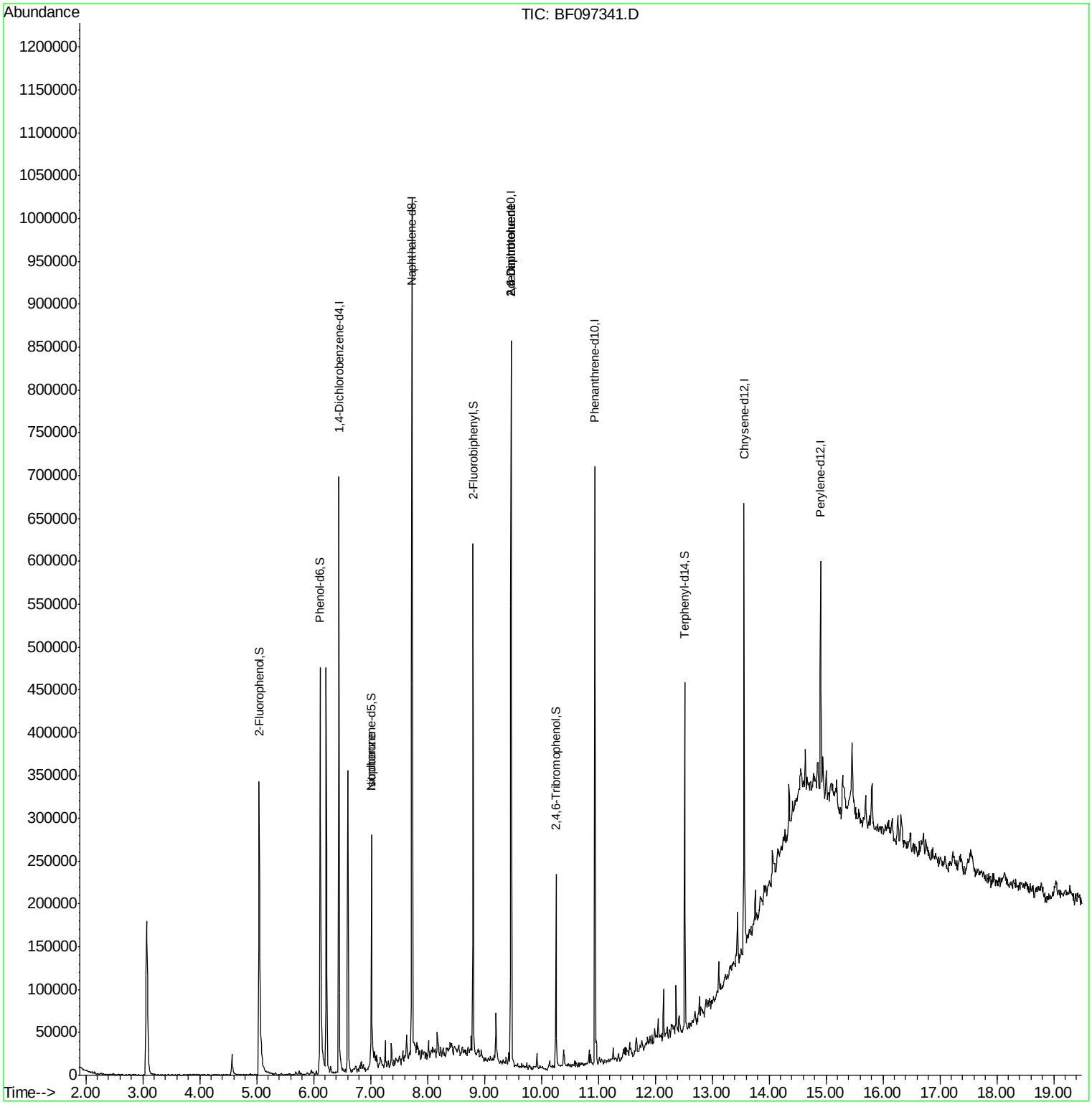
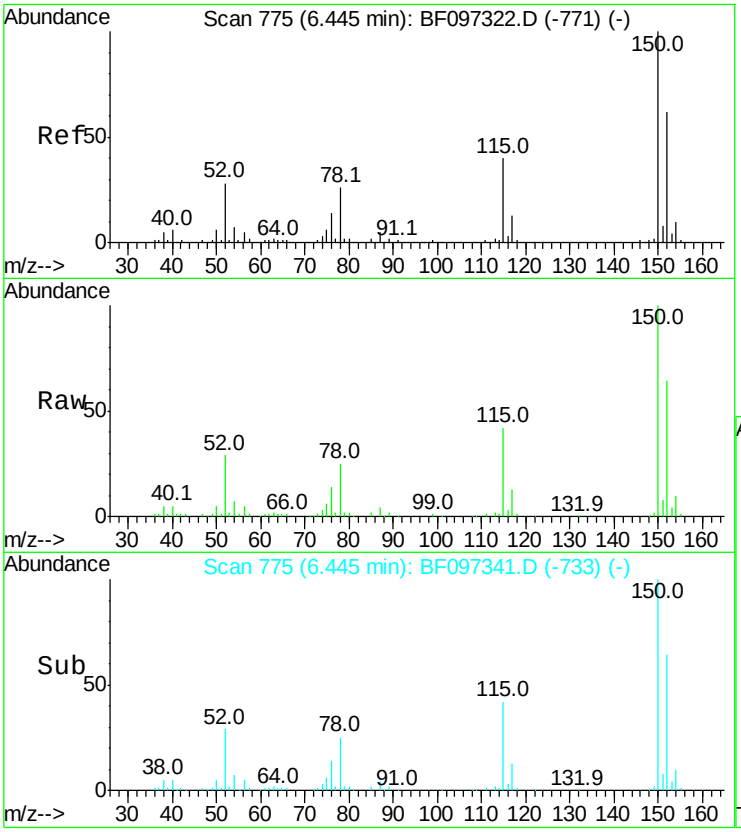
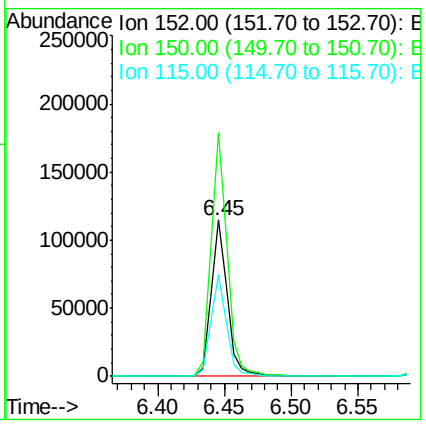




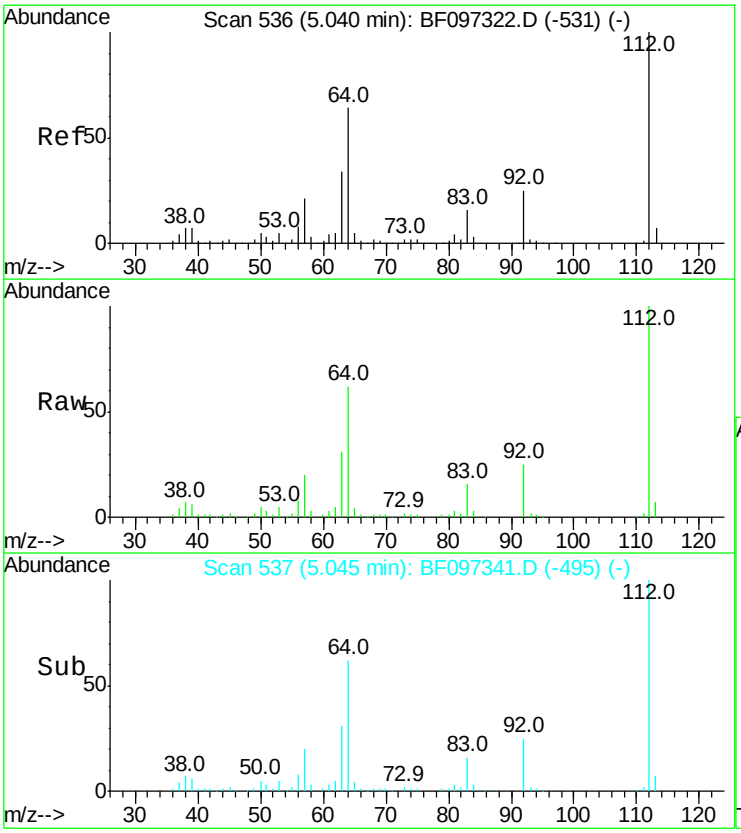
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:152 Resp: 98588

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	64.7	52.2	78.2



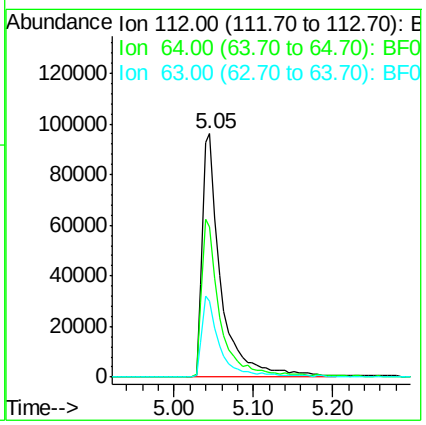
Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

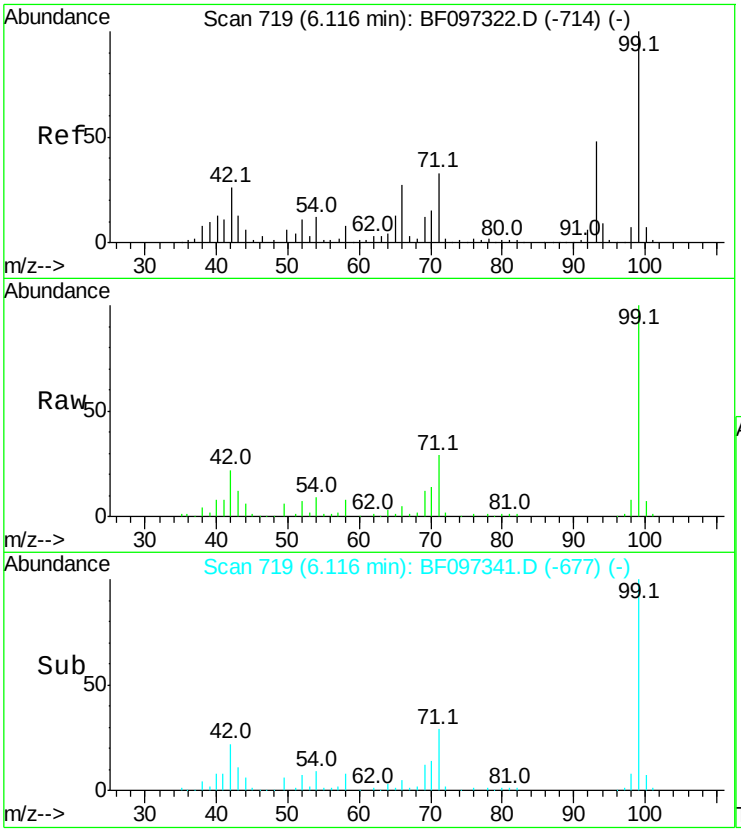


#5
2-Fluorophenol
Concen: 24.440 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:112 Resp: 159836

Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.0	69.0
63	31.1	23.4	35.0



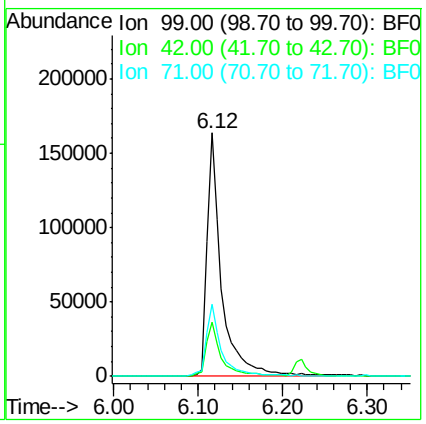


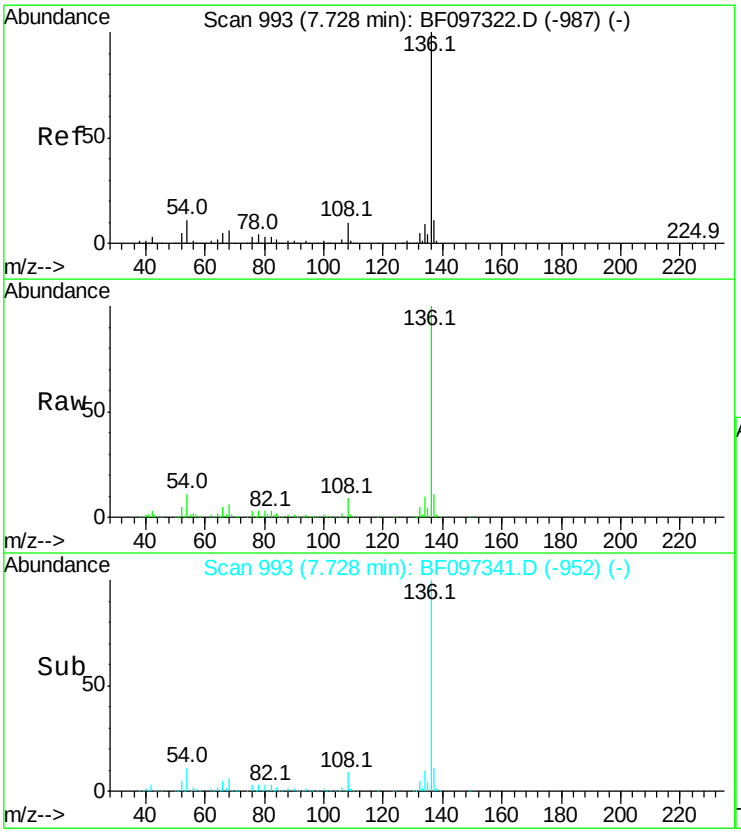
#7
Phenol-d6
Concen: 26.563 ng
RT: 6.12 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

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

Tgt Ion: 99 Resp: 198323

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	29.4	24.5	36.7

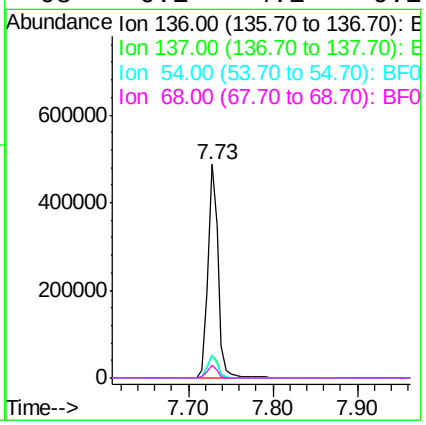


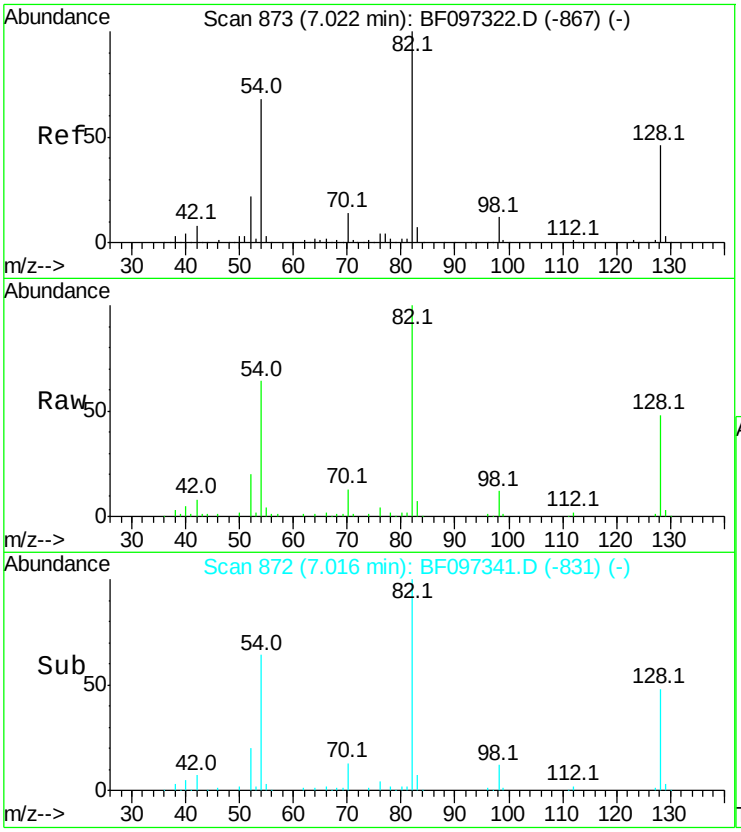


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:136 Resp: 418038

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.9	4.9	7.3#
68	6.1	4.1	6.1



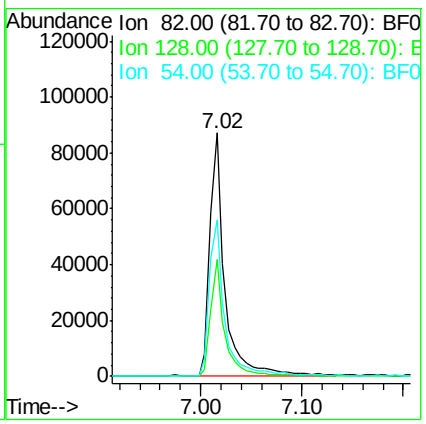


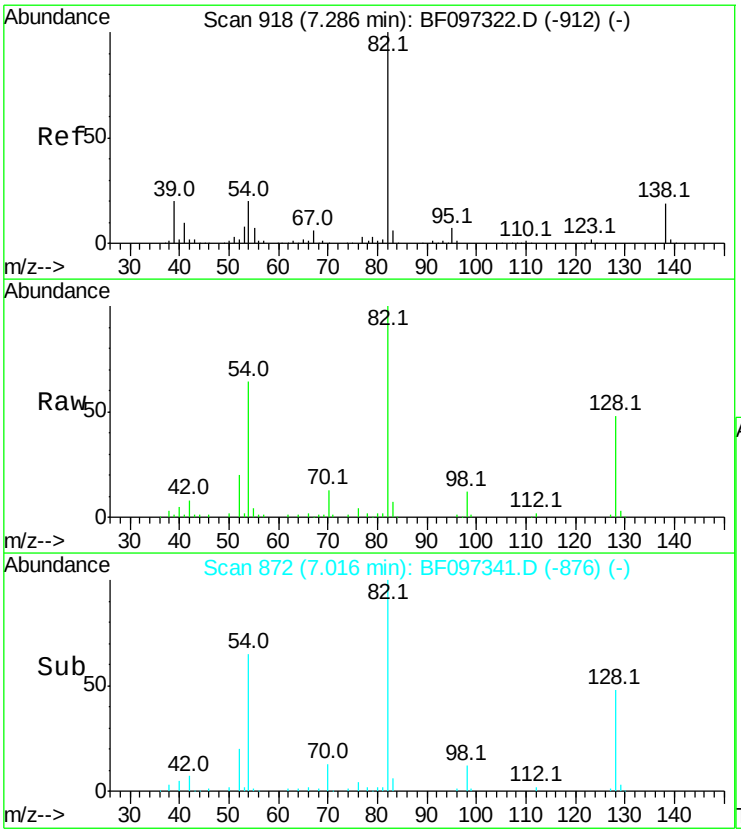
#23
Nitrobenzene-d5
Concen: 12.680 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

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

Tgt Ion: 82 Resp: 90354

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	64.4	42.2	63.2#

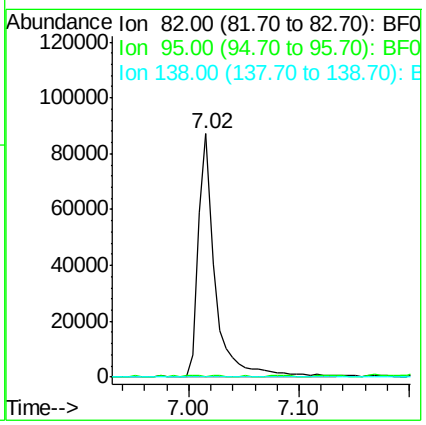


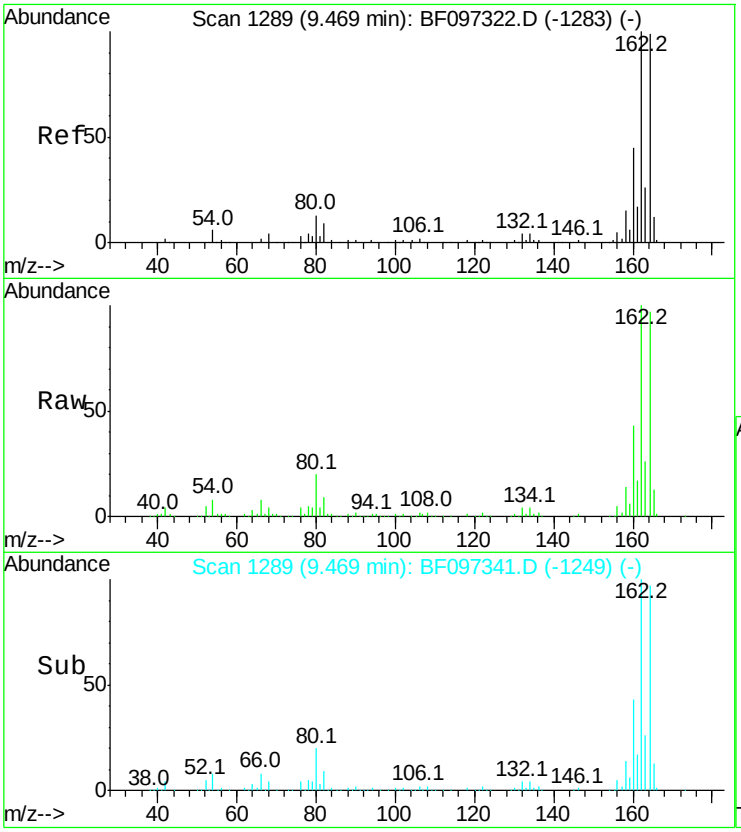


#25
Isophorone
Concen: 6.467 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.32 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion: 82 Resp: 90246

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



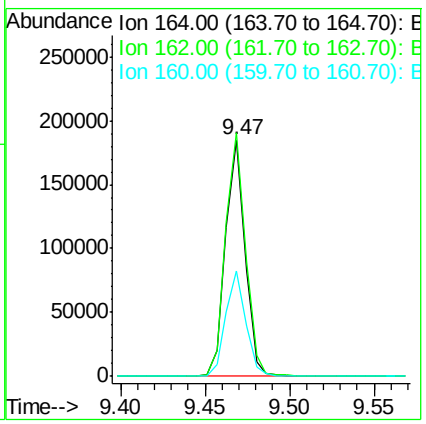


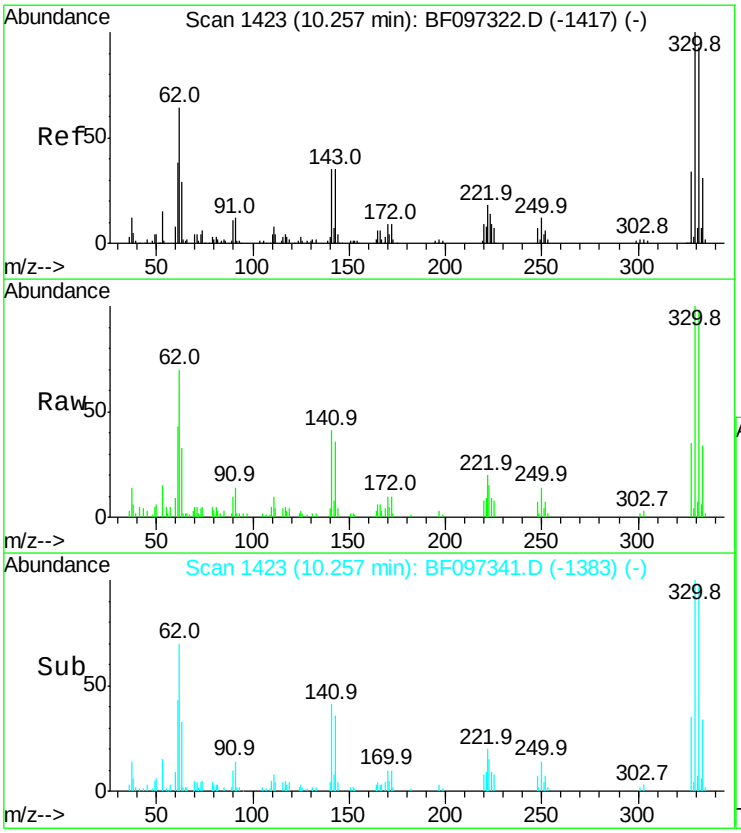
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

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

Tgt Ion:164 Resp: 149012

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.9	36.2	54.2

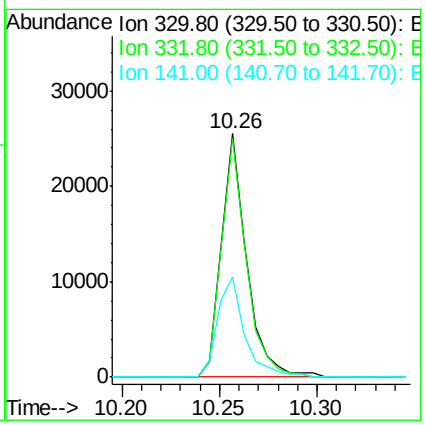


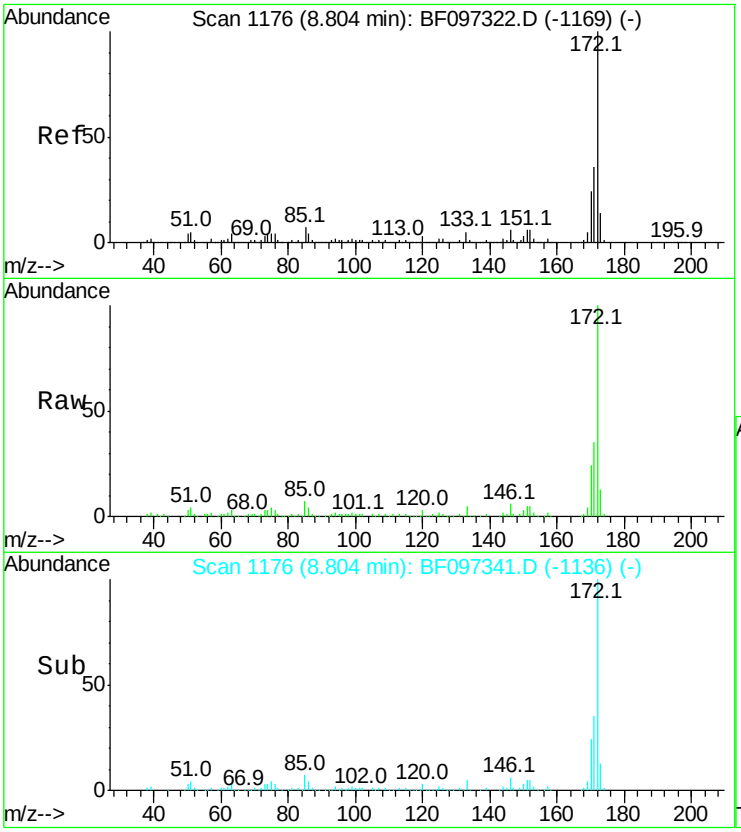


#41
2,4,6-Tribromophenol
Concen: 19.497 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:330 Resp: 22955

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	44.3	31.4	47.2



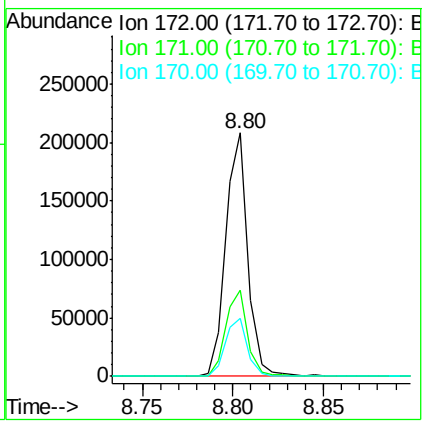


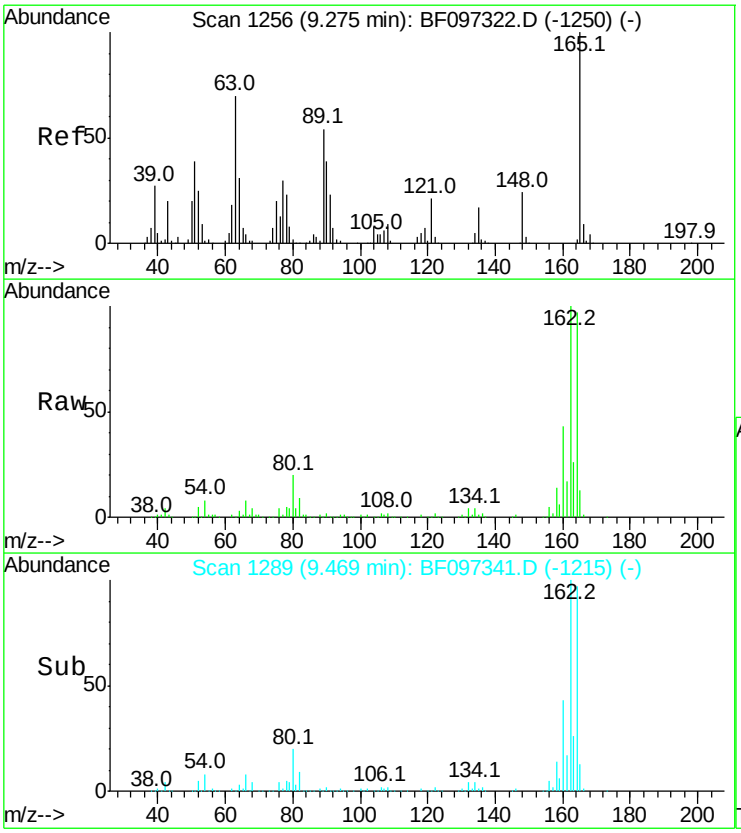
#44
2-Fluorobiphenyl
Concen: 20.078 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

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

Tgt Ion:172 Resp: 176297

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.8	19.8	29.8

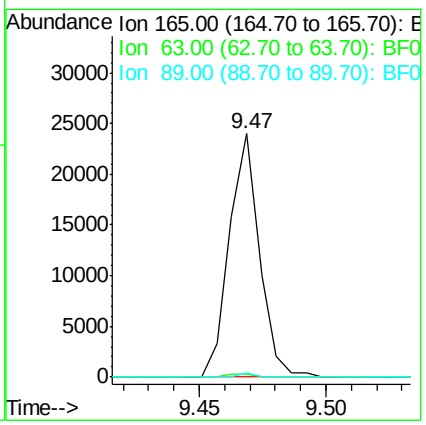


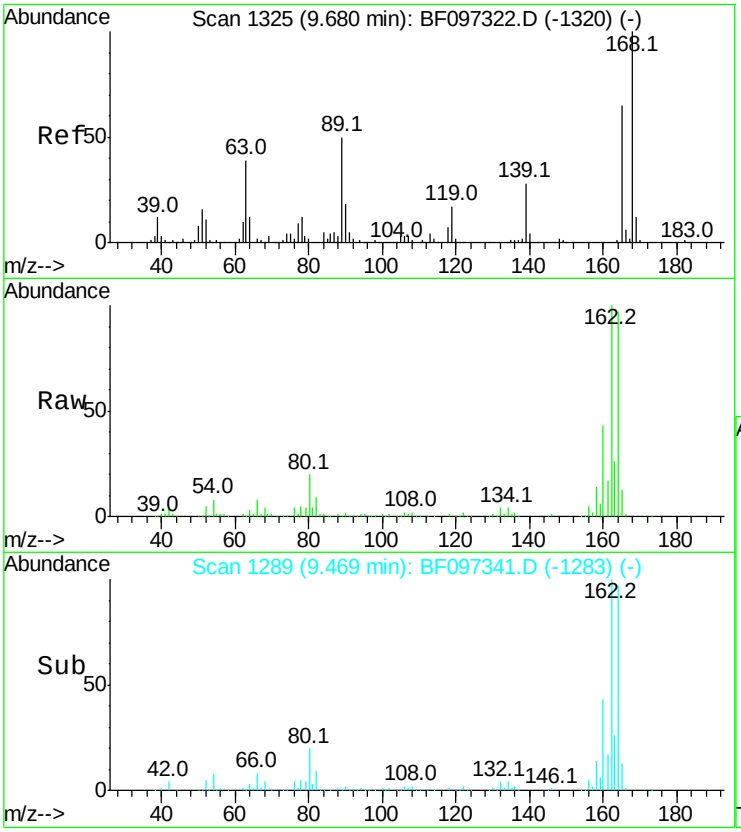


#50
2,6-Dinitrotoluene
Concen: 8.237 ng
RT: 9.47 min Scan# 1289
Delta R.T. 0.14 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:165 Resp: 19769

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	37.1	55.7#



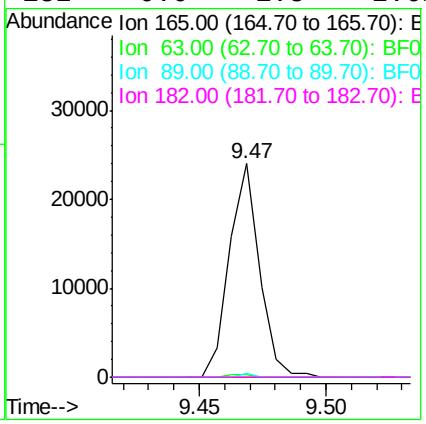


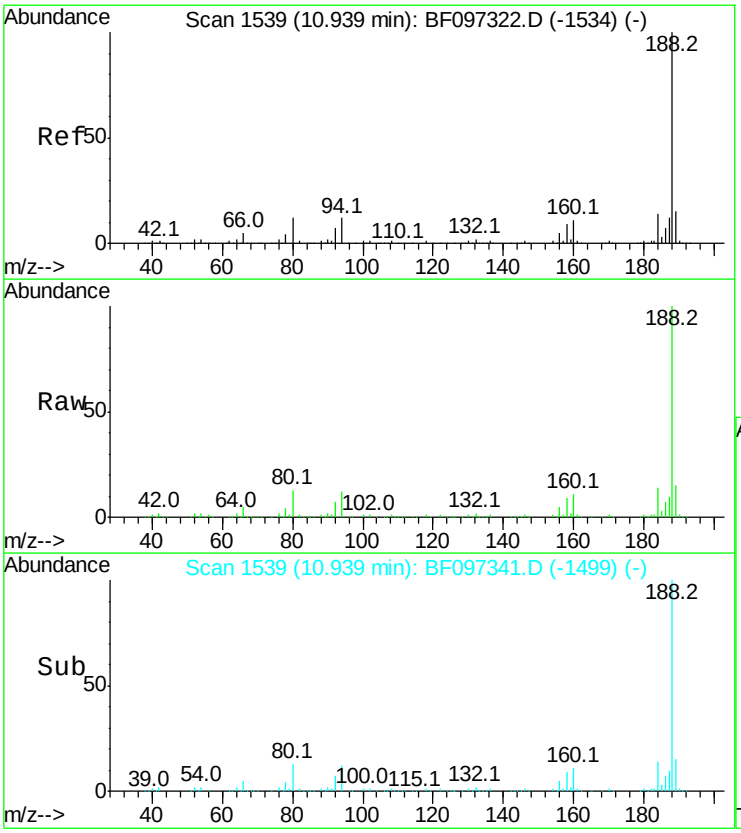
#56
2,4-Dinitrotoluene
Concen: 7.165 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.26 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

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

Tgt Ion:165 Resp: 19769

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

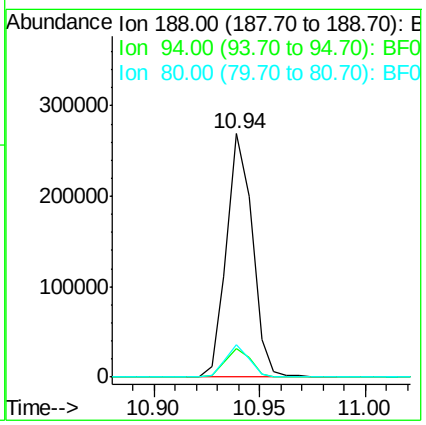


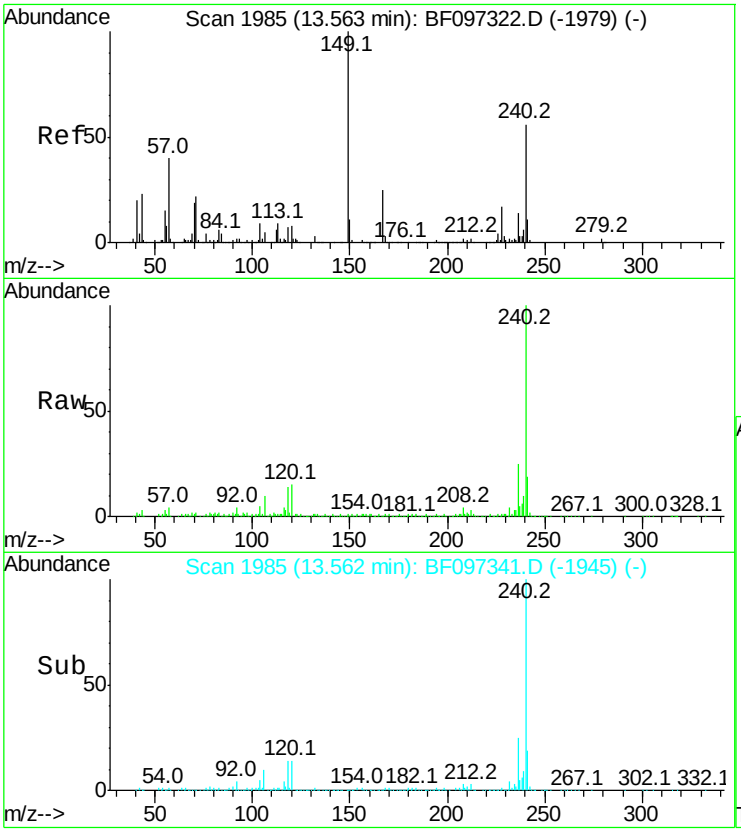


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:188 Resp: 227047

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	13.2	10.2	15.2



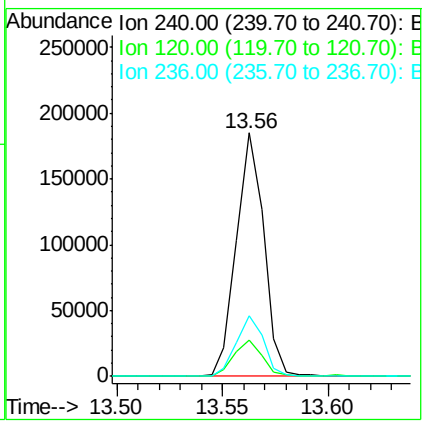


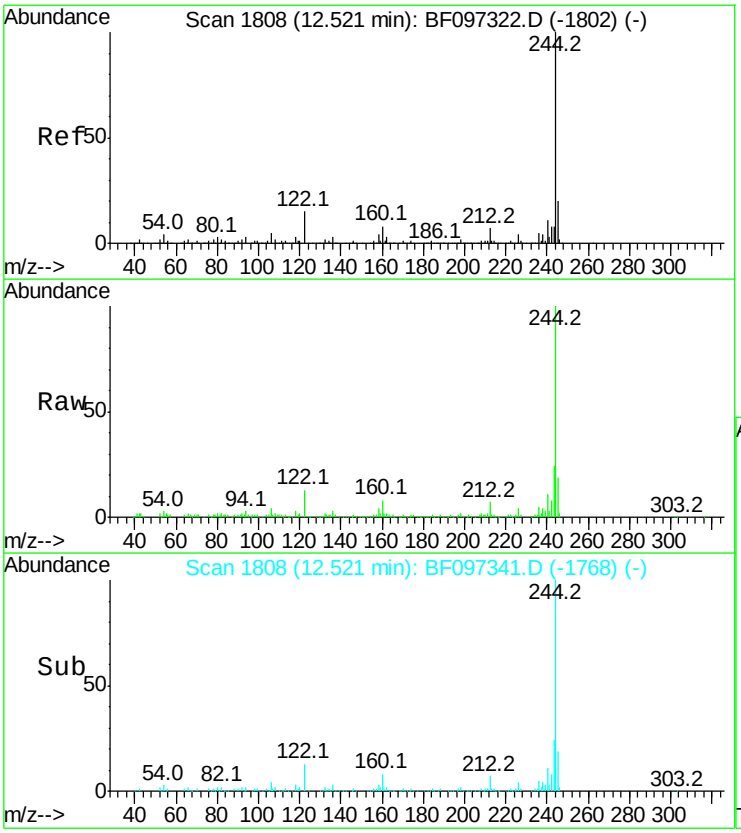
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

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

Tgt Ion:240 Resp: 166997

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.1	20.5	30.7

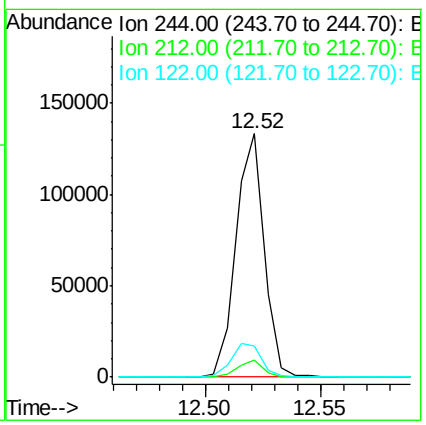


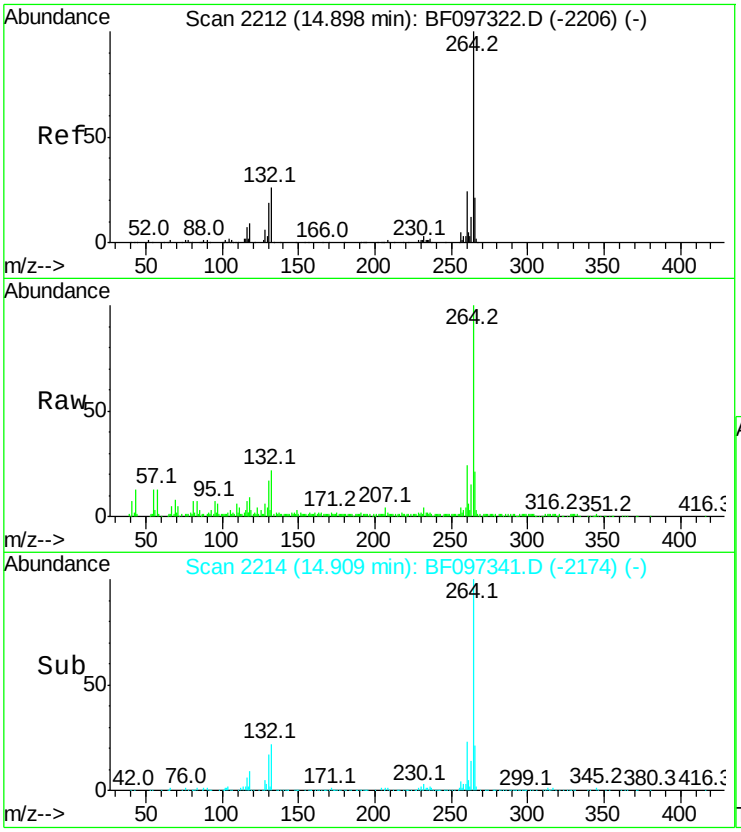


#78
Terphenyl-d14
Concen: 13.849 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:244 Resp: 113432

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.5	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

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

Tgt Ion:264 Resp: 106808

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.2	25.8