Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097891.D
Acq On : 19 Aug 2017 21:00
Operator : SJ/JU
Sample : I4845-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-81617

Quant Time: Aug 21 02:43:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	150227	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	577563	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	228658	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	355446	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	271454	20.00	ng	-0.04
86) Perylene-d12	15.33	264	210286	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	91806	9.30	ng	-0.03
7) Phenol-d6	6.38	99	123861	9.23	ng	-0.03
23) Nitrobenzene-d5	7.32	82	74651	7.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	13555	6.83	ng	-0.04
44) 2-Fluorobiphenyl	9.12	172	125091	8.04	ng	-0.03
78) Terphenyl-d14	12.86	244	75015	5.76	ng	-0.04
Target Compounds						Qvalue
25) Isophorone	7.32	82	74503	3.37	ng	# 67
50) 2,6-Dinitrotoluene	9.79	165	28672	8.59	ng	# 35
56) 2,4-Dinitrotoluene	9.79	165	28672	6.85	ng	# 34

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

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Data File : BF097891.D
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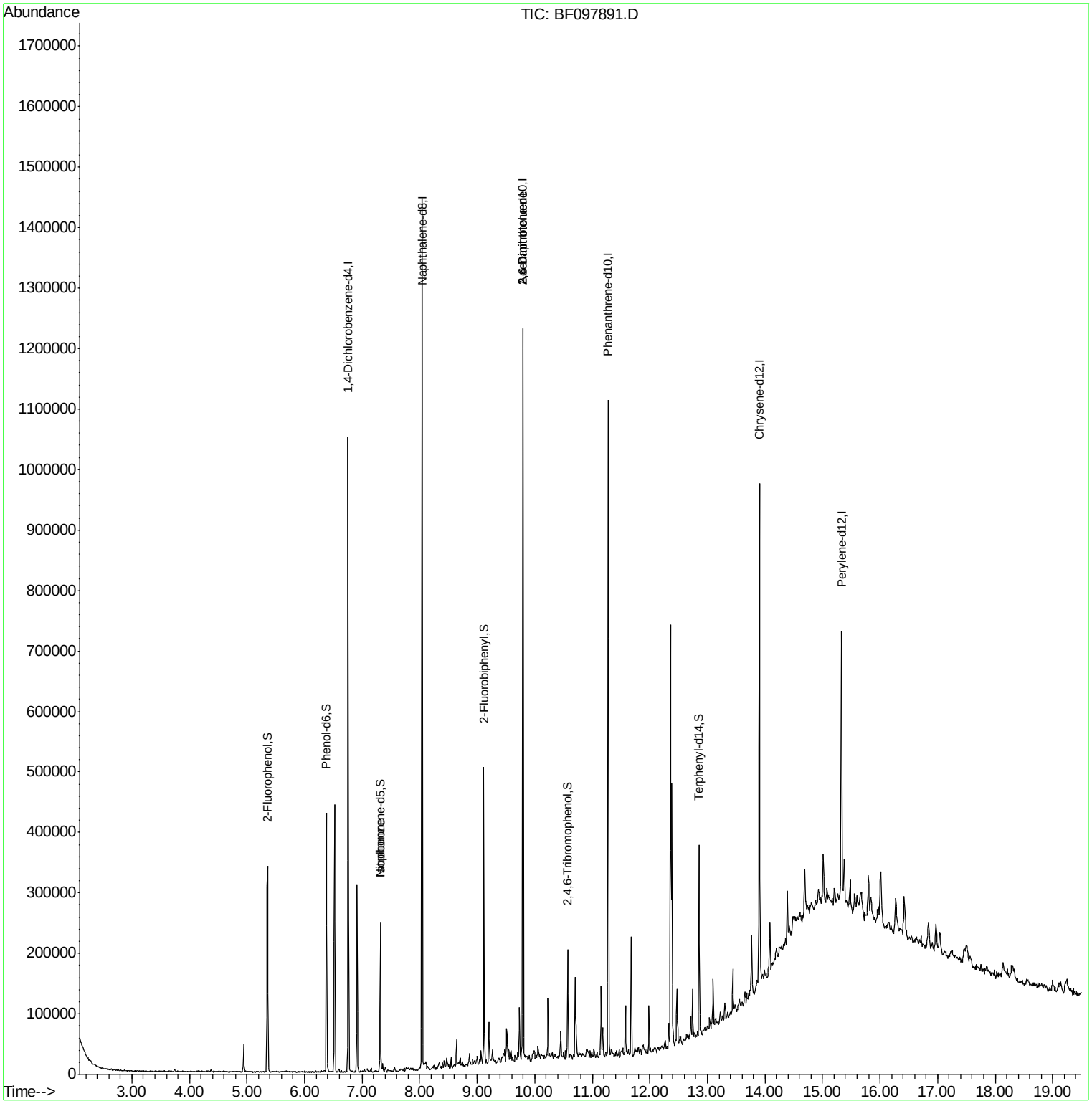
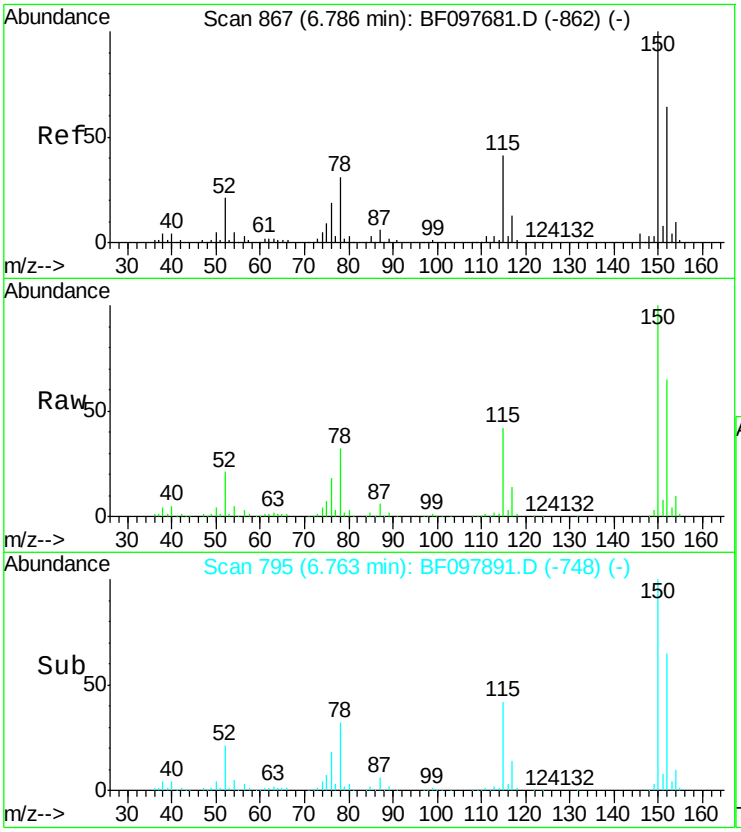


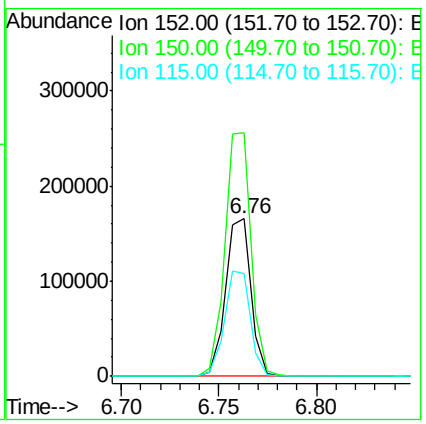


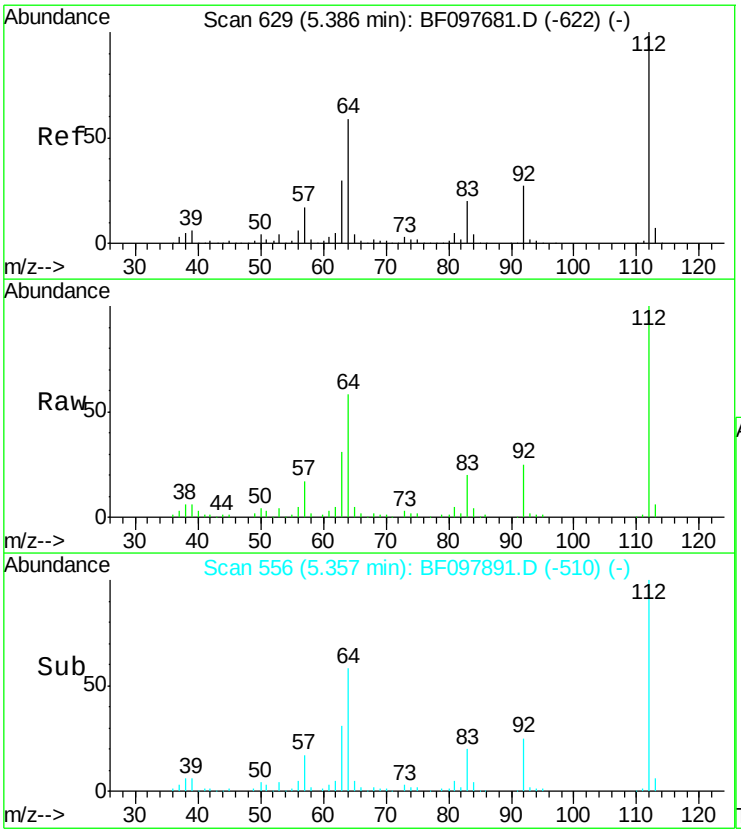
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion:152 Resp: 150227

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	64.9	52.2	78.2

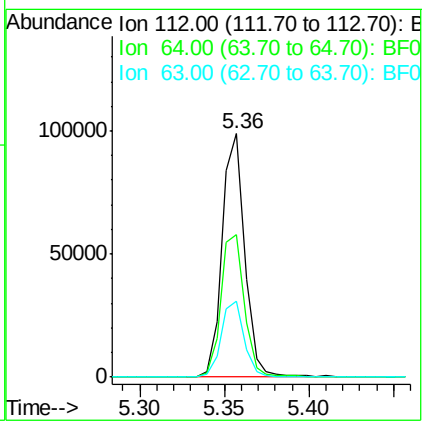


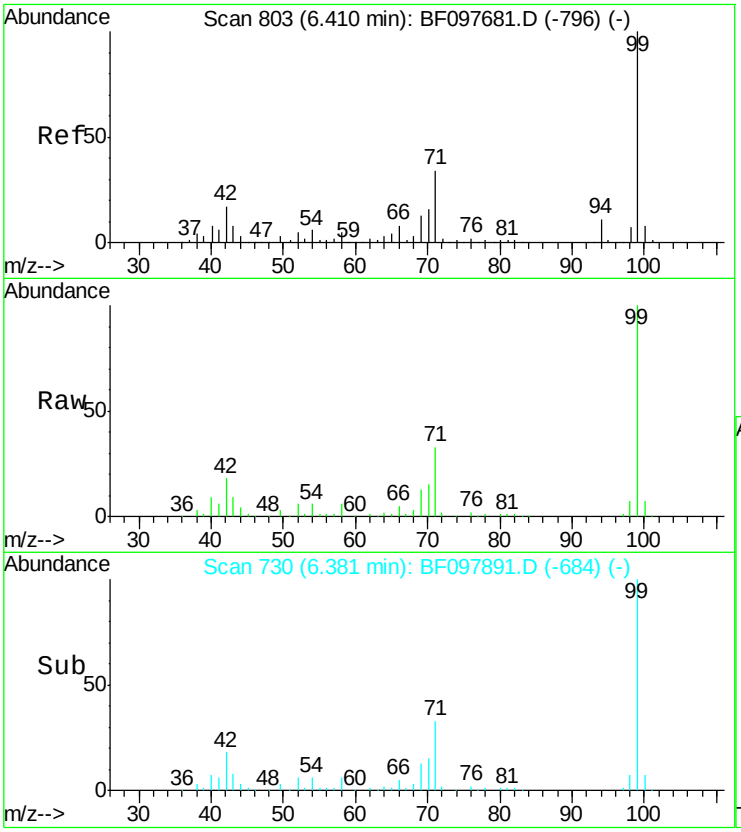


#5
2-Fluorophenol
Concen: 9.30 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion:112 Resp: 91806

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.0	69.0
63	31.0	23.4	35.0



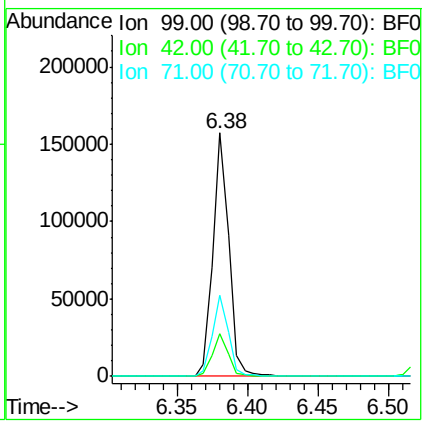


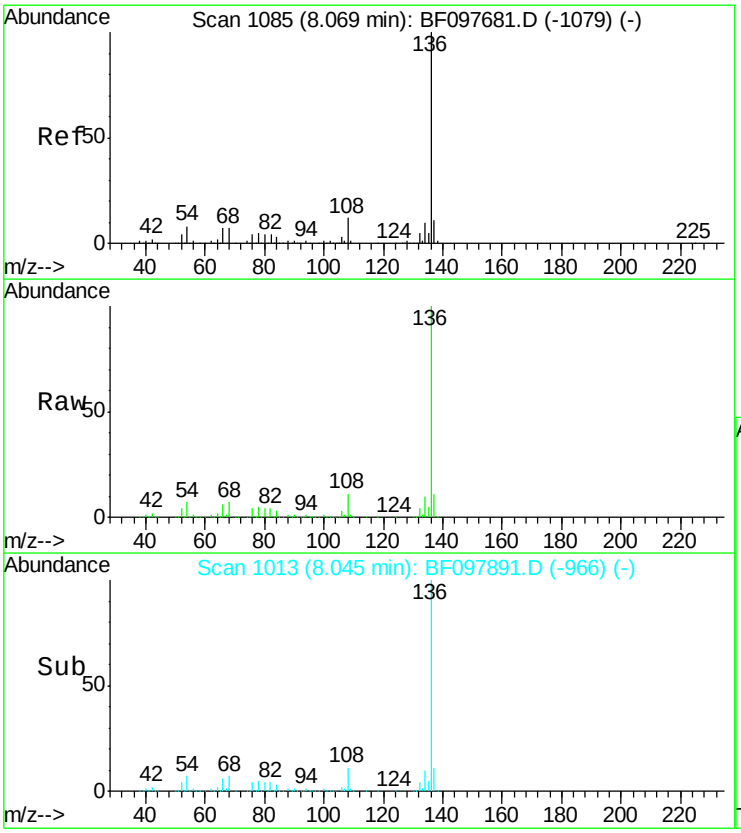
#7
Phenol-d6
Concen: 9.23 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion: 99 Resp: 123861

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	33.4	24.5	36.7

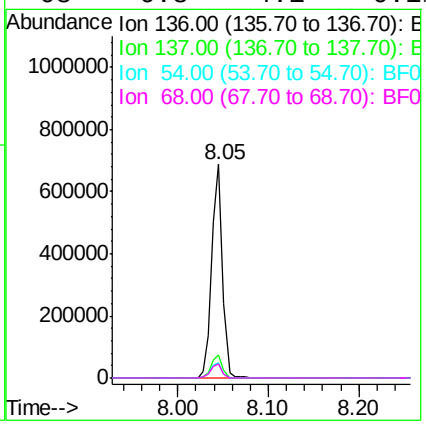


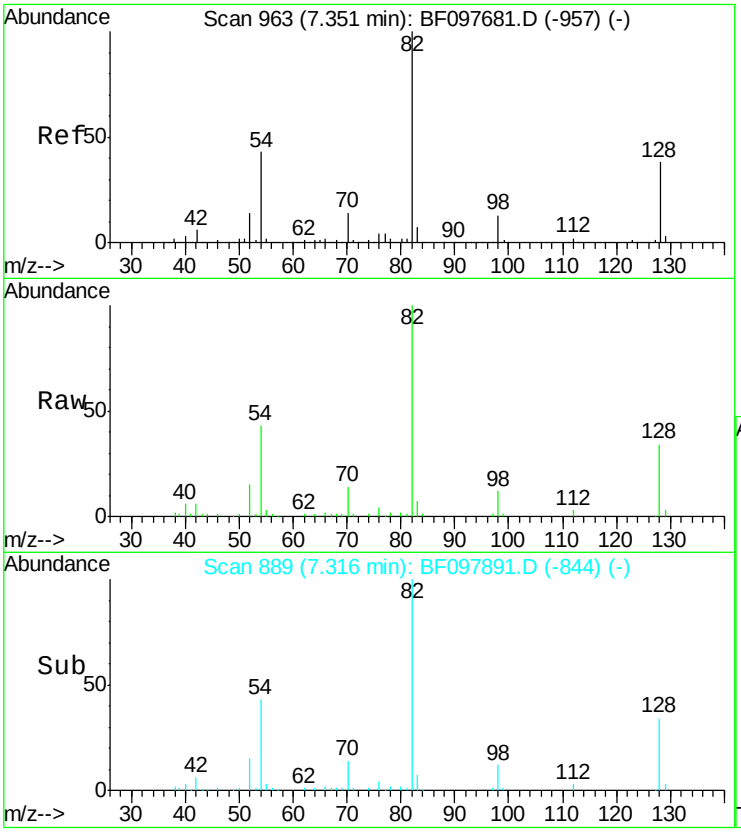


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion:136 Resp: 577563

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.4	4.9	7.3#
68	6.8	4.1	6.1#



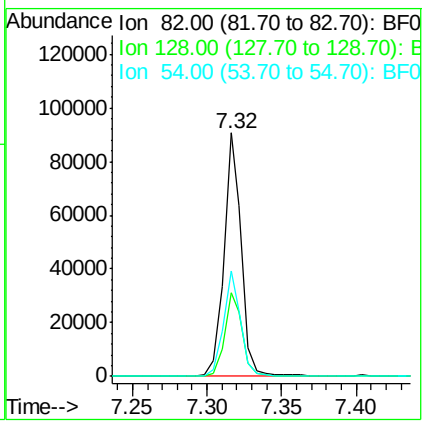


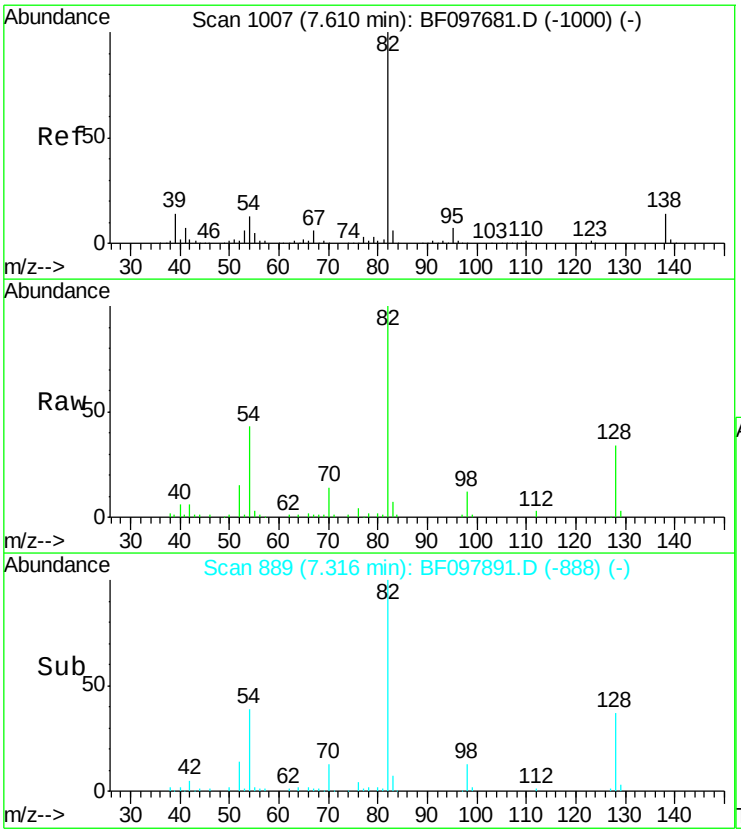
#23
Nitrobenzene-d5
Concen: 7.02 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion: 82 Resp: 74651

Ion	Ratio	Lower	Upper
82	100		
128	34.3	34.0	51.0
54	43.2	42.2	63.2

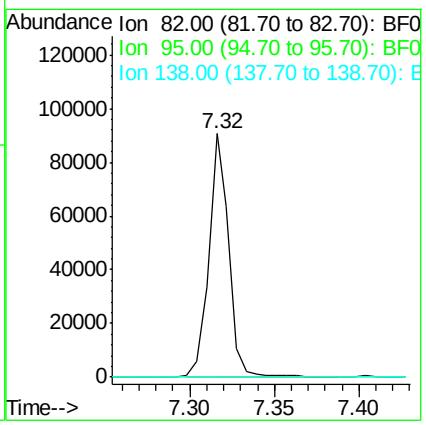


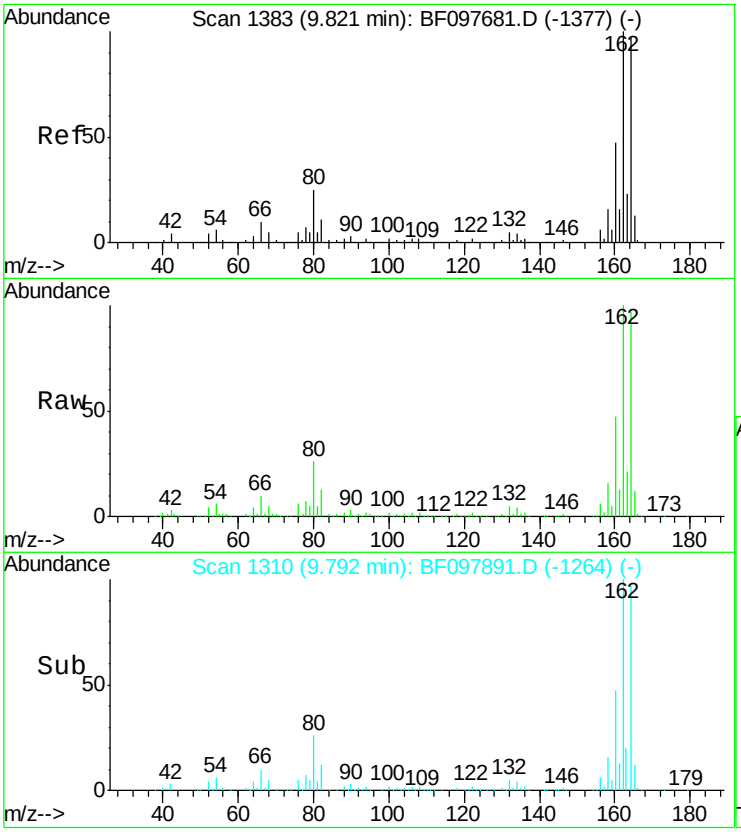


#25
Isophorone
Concen: 3.37 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.29 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion: 82 Resp: 74503

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



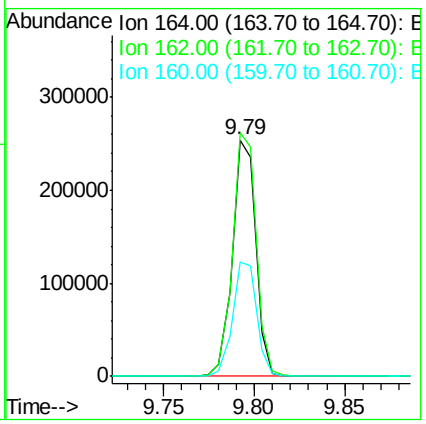


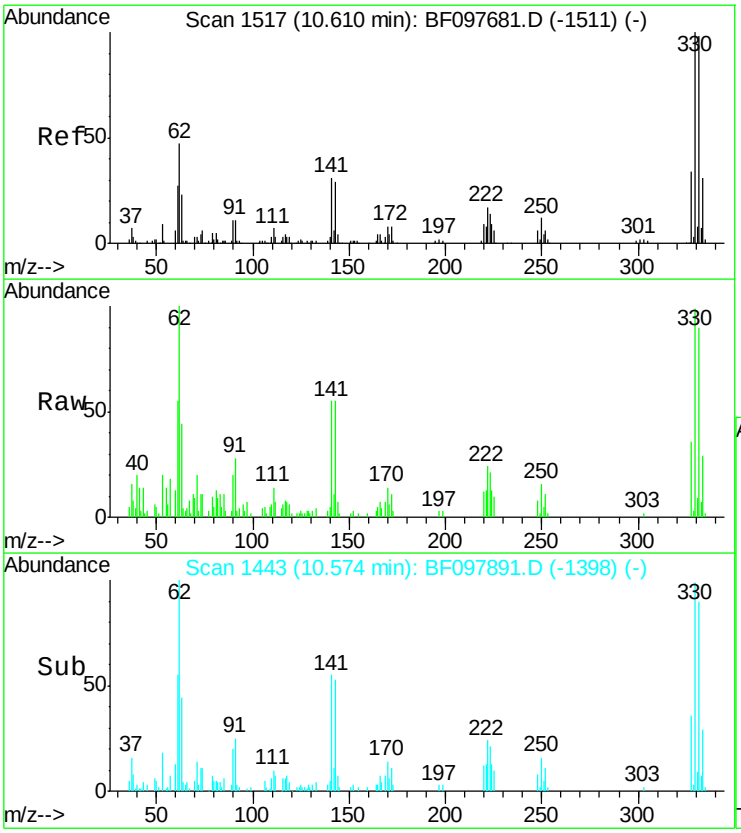
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion:164 Resp: 228658

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	48.2	36.2	54.2

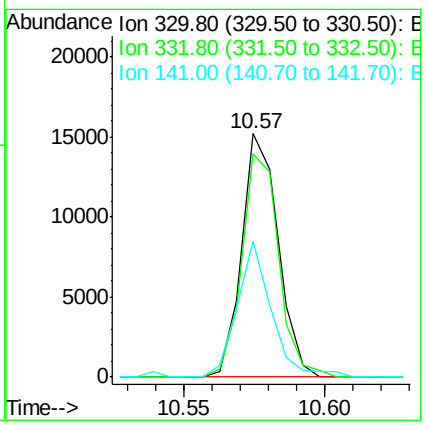


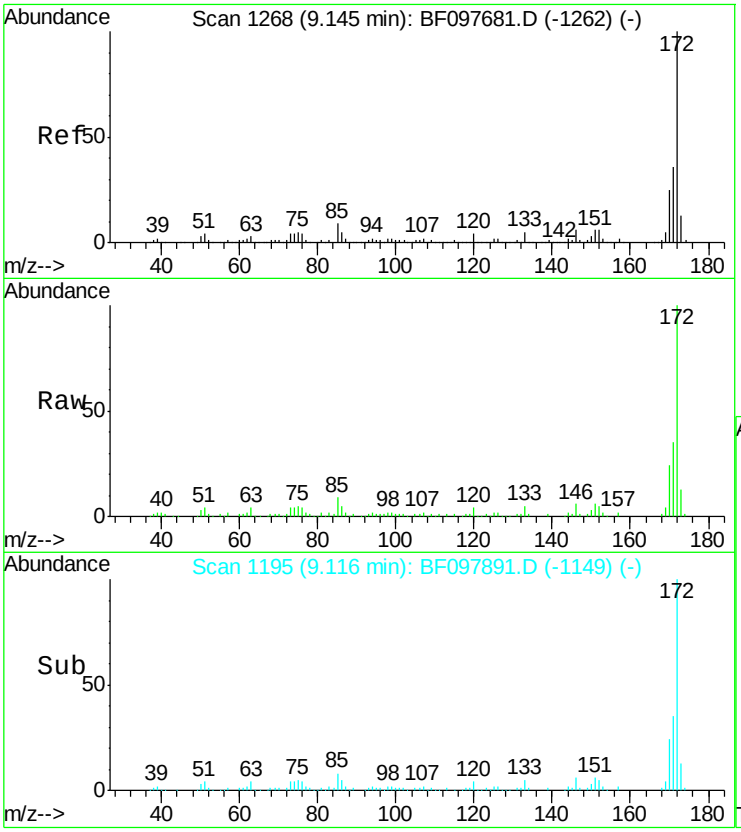


#41
2,4,6-Tribromophenol
Concen: 6.83 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.04 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion:330 Resp: 13555

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	53.0	31.4	47.2#



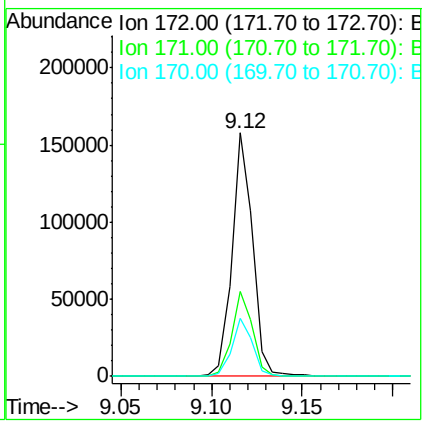


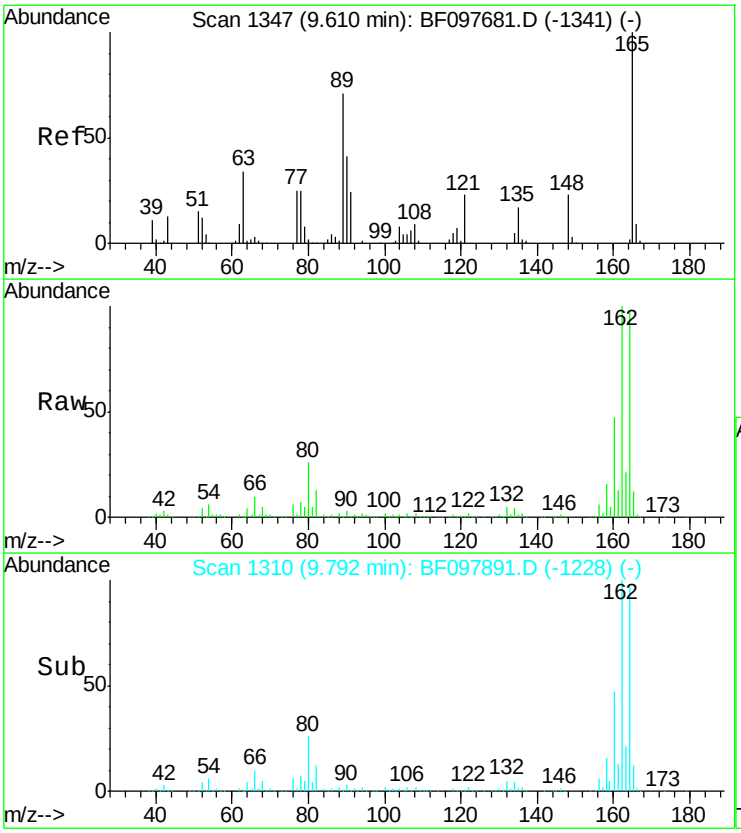
#44
2-Fluorobiphenyl
Concen: 8.04 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion:172 Resp: 125091

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.9	19.8	29.8

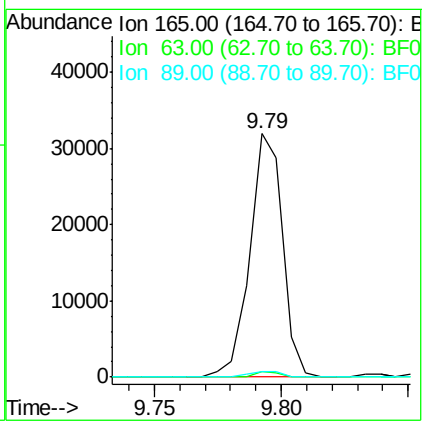


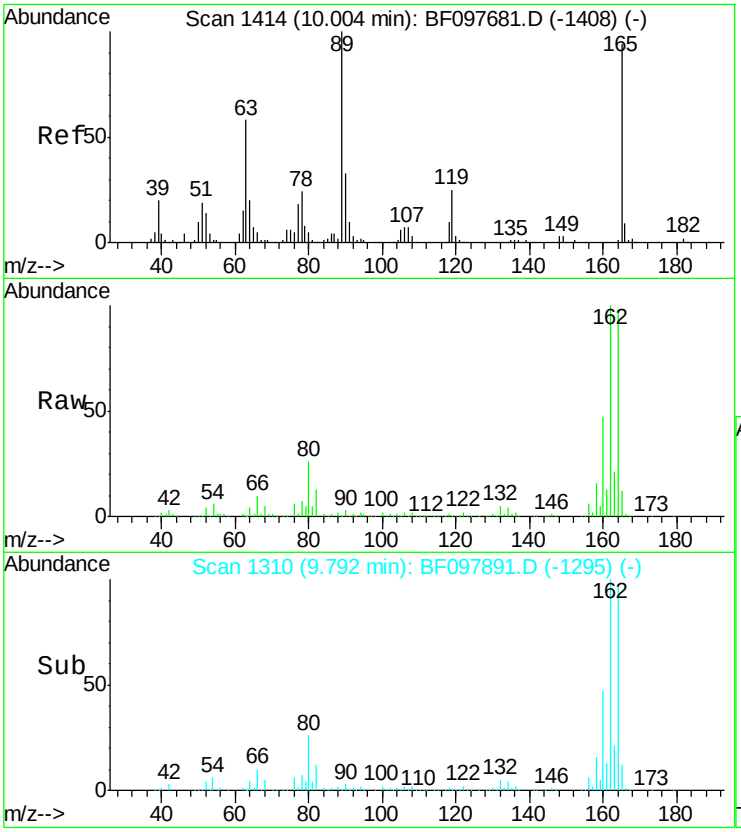


#50
2,6-Dinitrotoluene
Concen: 8.59 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.18 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion:165 Resp: 28672

Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.3	51.5#
89	2.0	37.1	55.7#



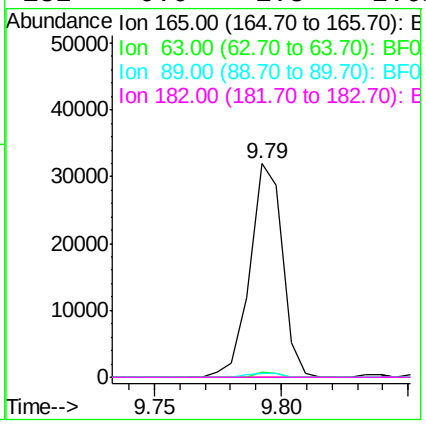


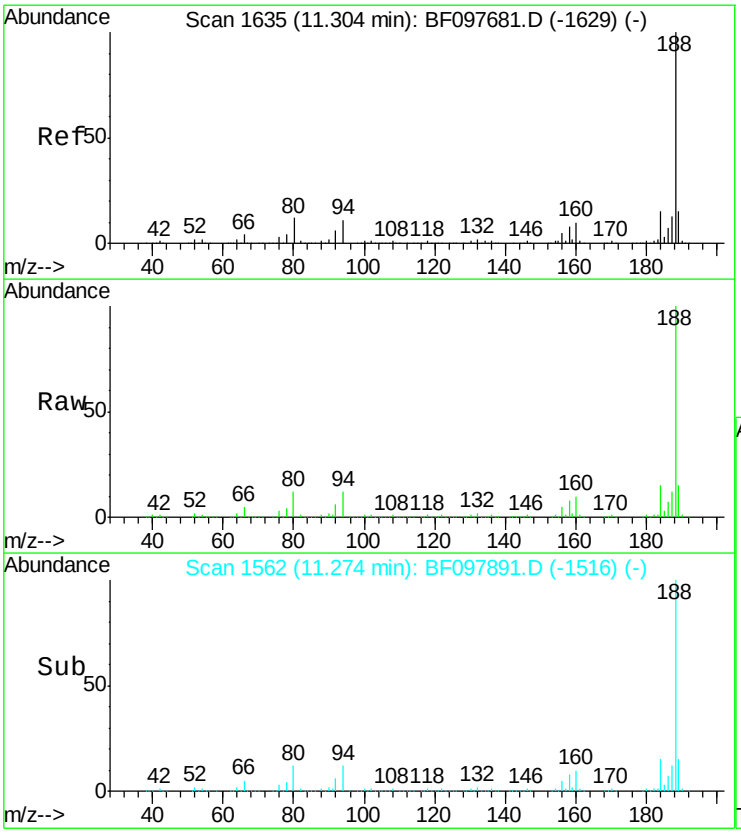
#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion:165 Resp: 28672

Ion	Ratio	Lower	Upper
165	100		
63	2.3	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

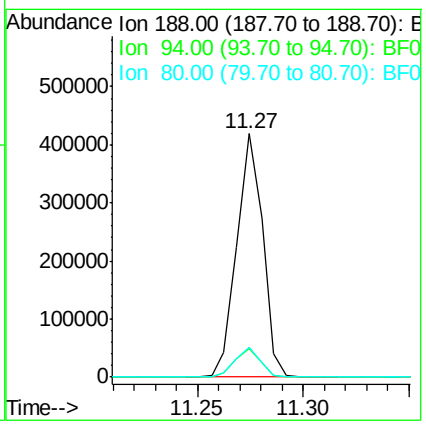


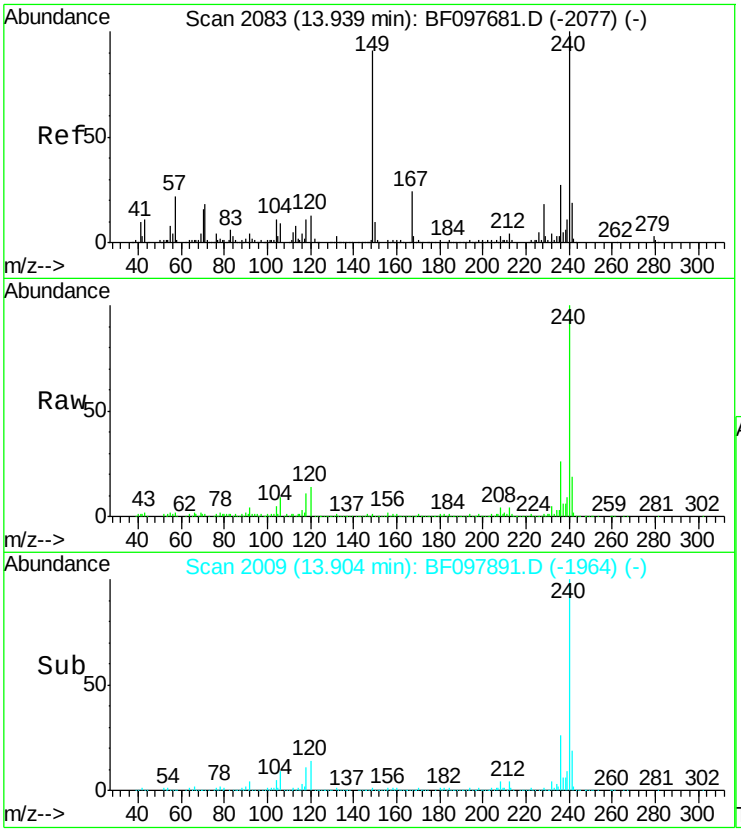


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion:188 Resp: 355446

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.3	10.2	15.2



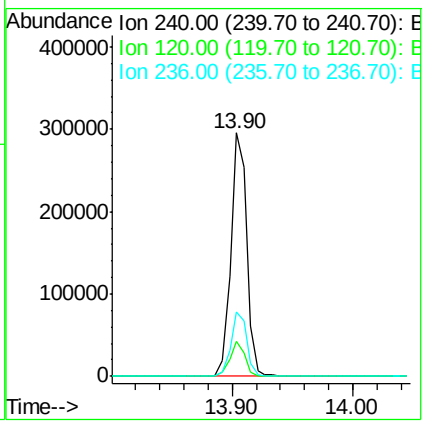


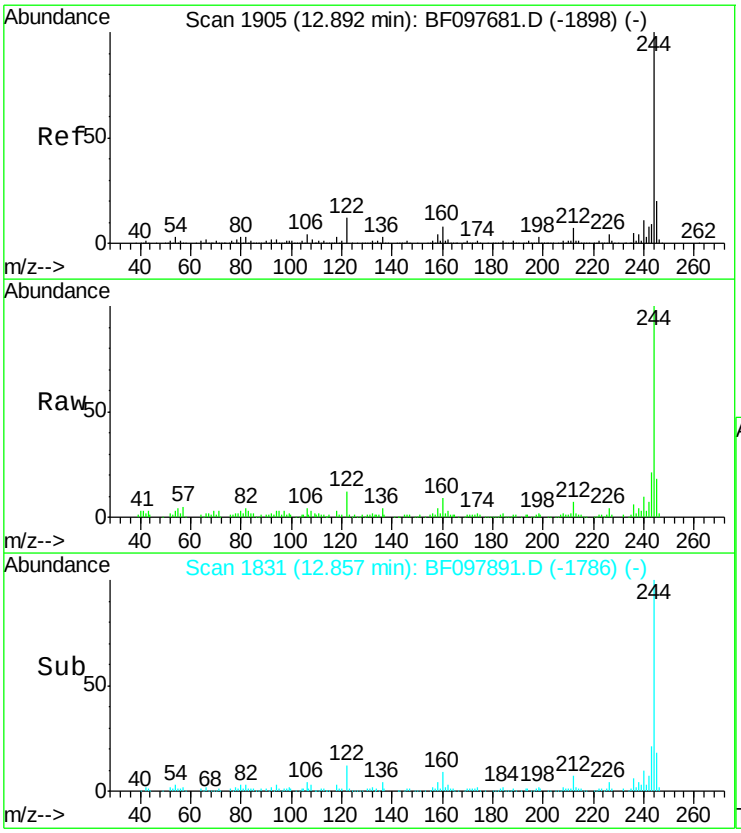
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion:240 Resp: 271454

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	26.4	20.5	30.7

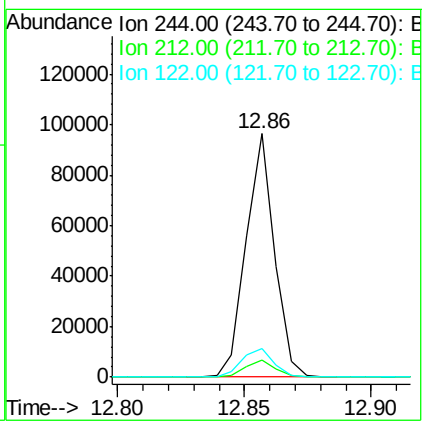


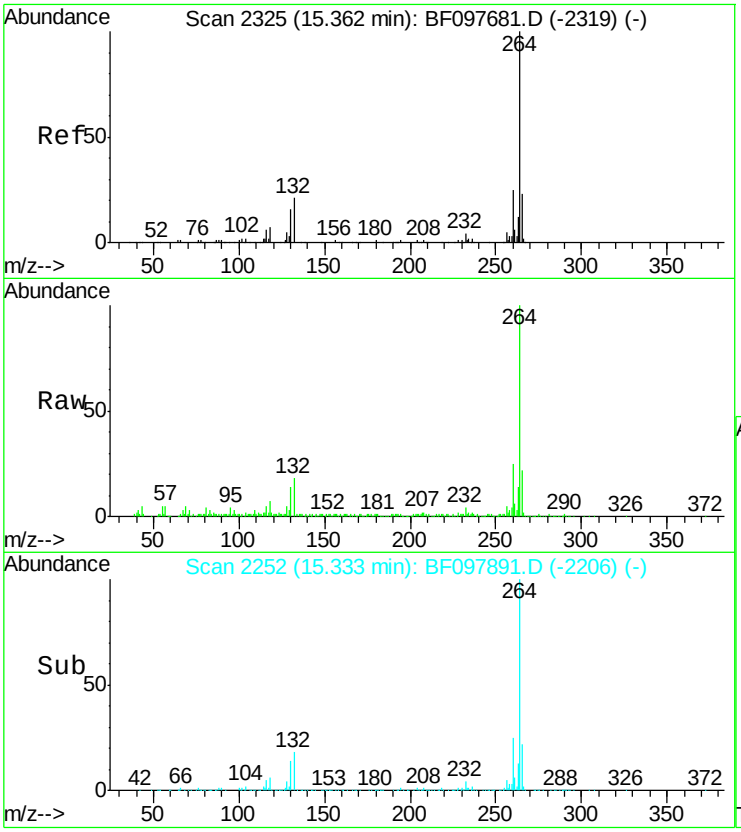


#78
Terphenyl-d14
Concen: 5.76 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion:244 Resp: 75015

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.8	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
OK-03-81617

Tgt Ion:264 Resp: 210286

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.8	17.2	25.8