Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094179.D
Acq On : 4 Apr 2017 20:49
Operator : SJ/MA
Sample : I2516-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Time: Apr 05 00:58:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	175015	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	708714	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	327907	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	588426	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	466368	20.00	ng	-0.03
86) Perylene-d12	16.23	264	310671	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	687742	66.37	ng	-0.02
7) Phenol-d6	5.48	99	548011	42.75	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1120055	90.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	400321	154.49	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1946310	90.53	ng	-0.03
78) Terphenyl-d14	13.33	244	1660852	79.82	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.53	70	149592	18.16	ng	# 77
50) 2,6-Dinitrotoluene	9.52	165	41374	7.74	ng	# 33
56) 2,4-Dinitrotoluene	9.52	165	41375	6.16	ng	# 33

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

Quantitation Report (Not Reviewed)

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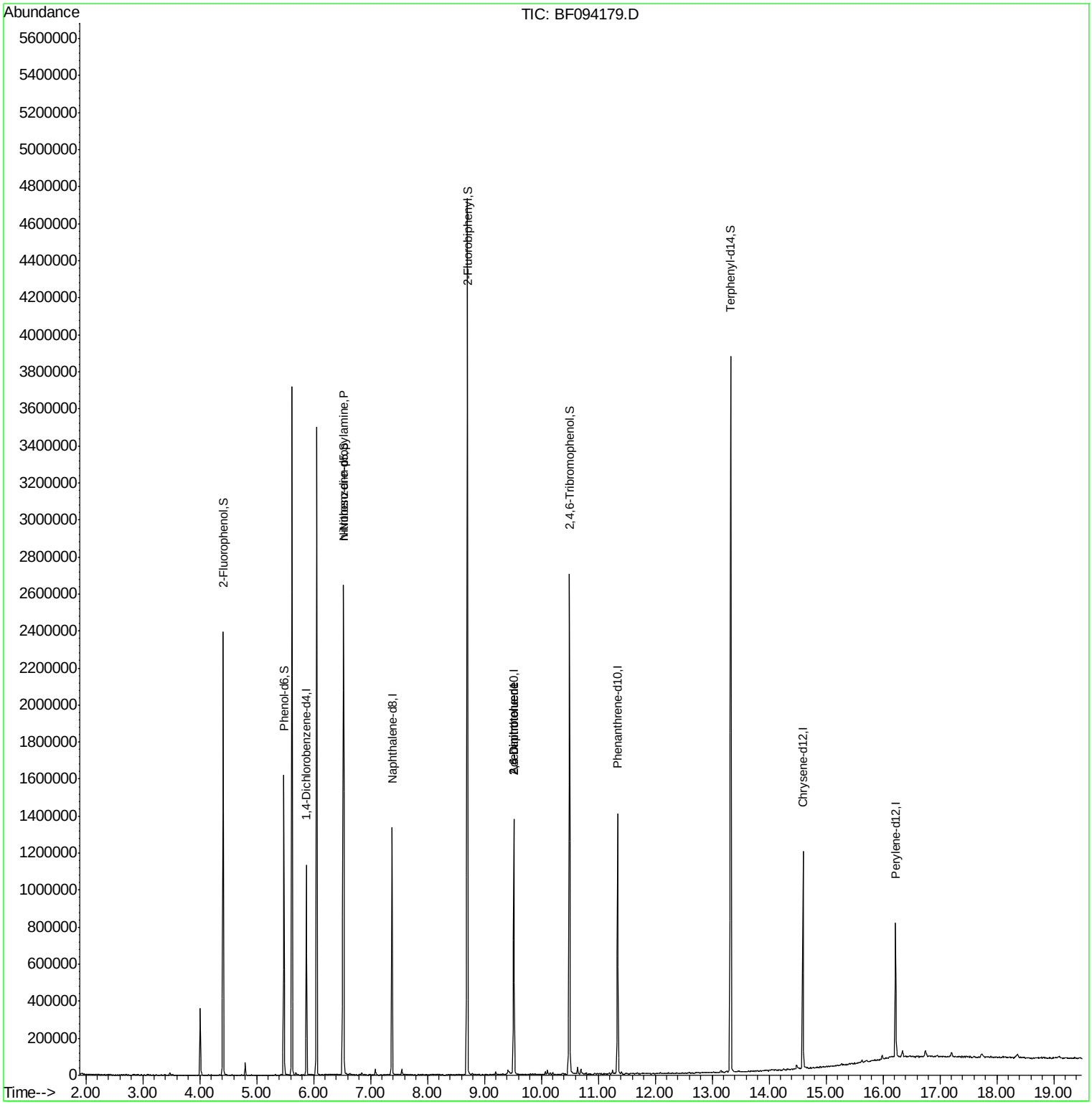
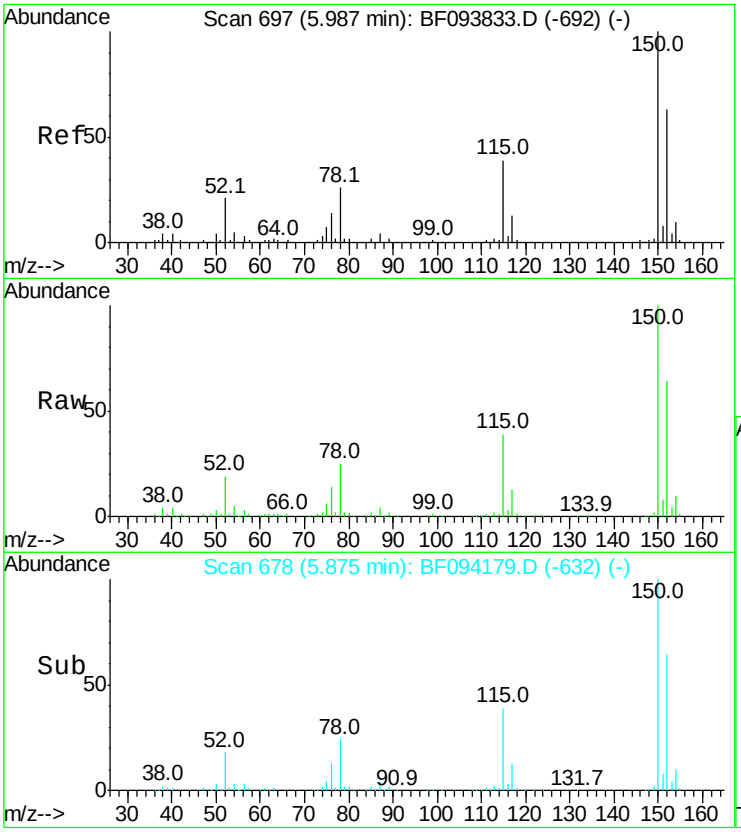


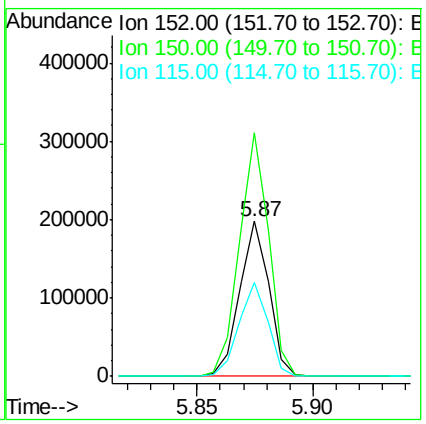


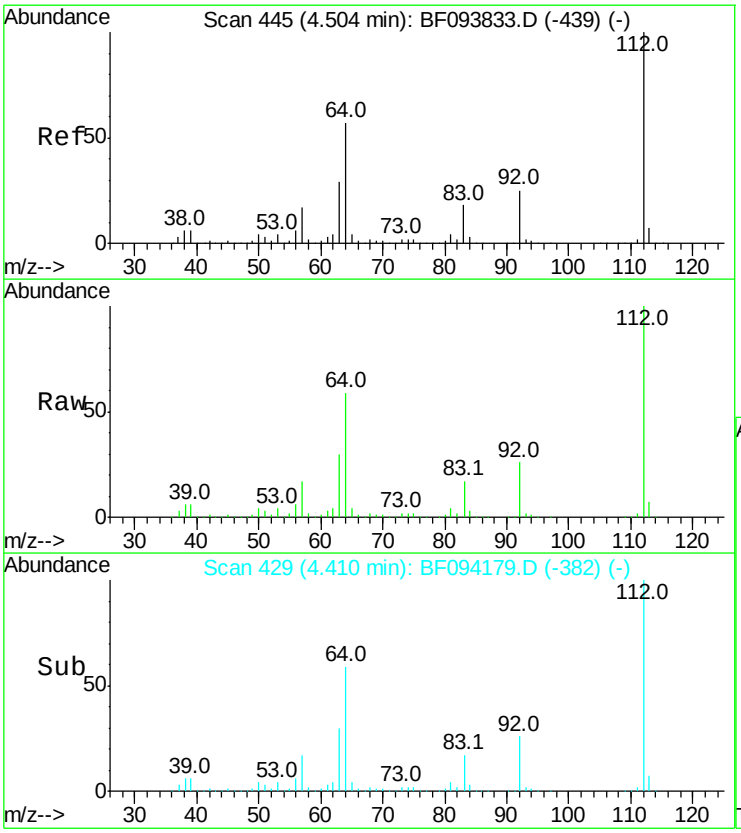
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 175015

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	60.6	52.2	78.2

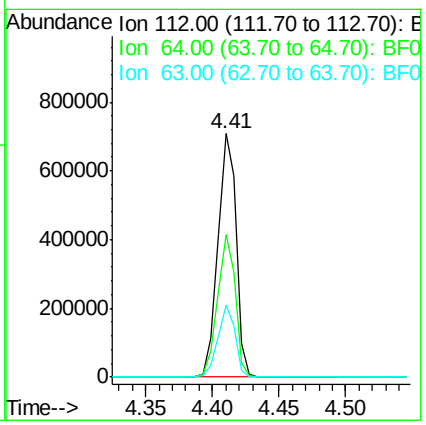


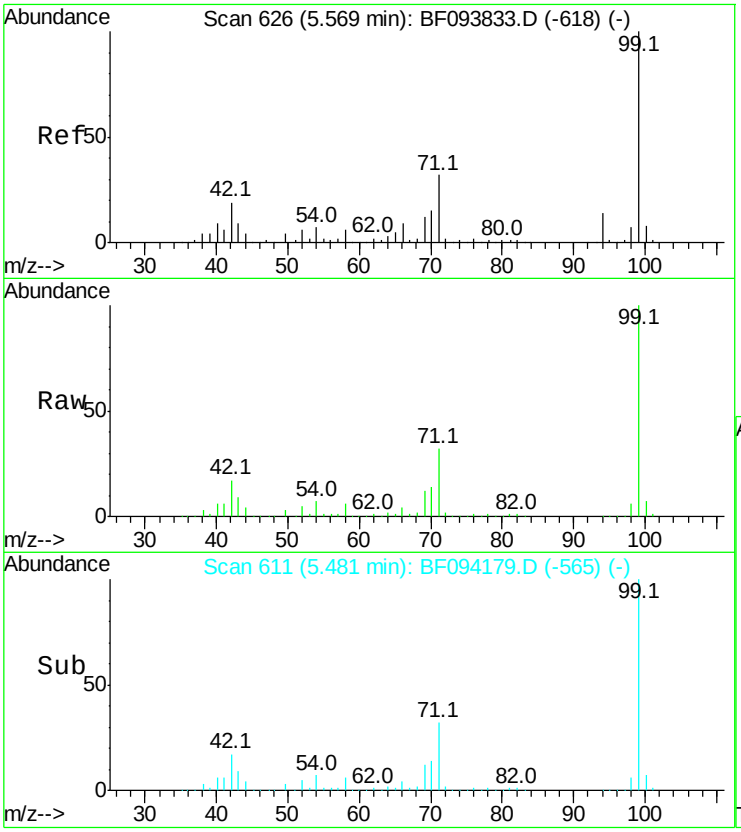


#5
2-Fluorophenol
Concen: 66.37 ng
RT: 4.41 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion:112 Resp: 687742

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.0	69.0
63	29.6	23.4	35.0



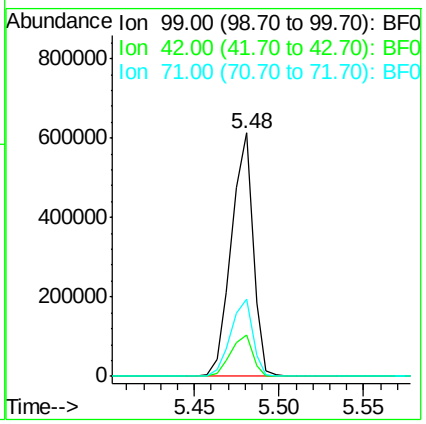


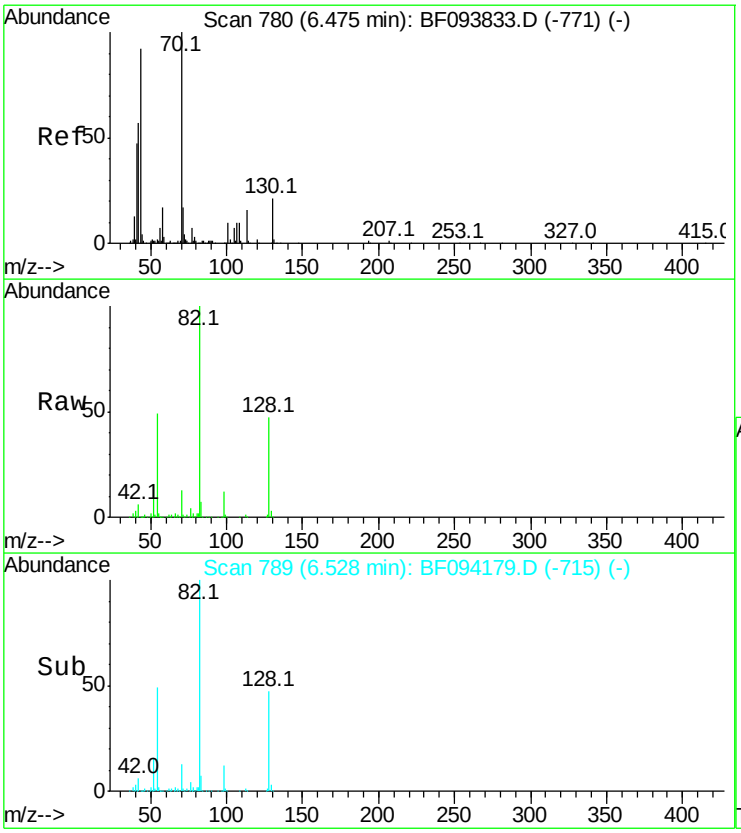
#7
Phenol-d6
Concen: 42.75 ng
RT: 5.48 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 548011

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	31.5	24.5	36.7

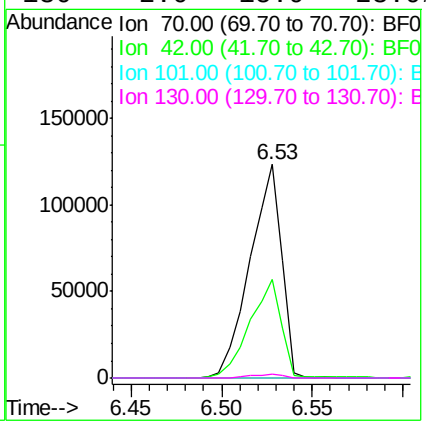


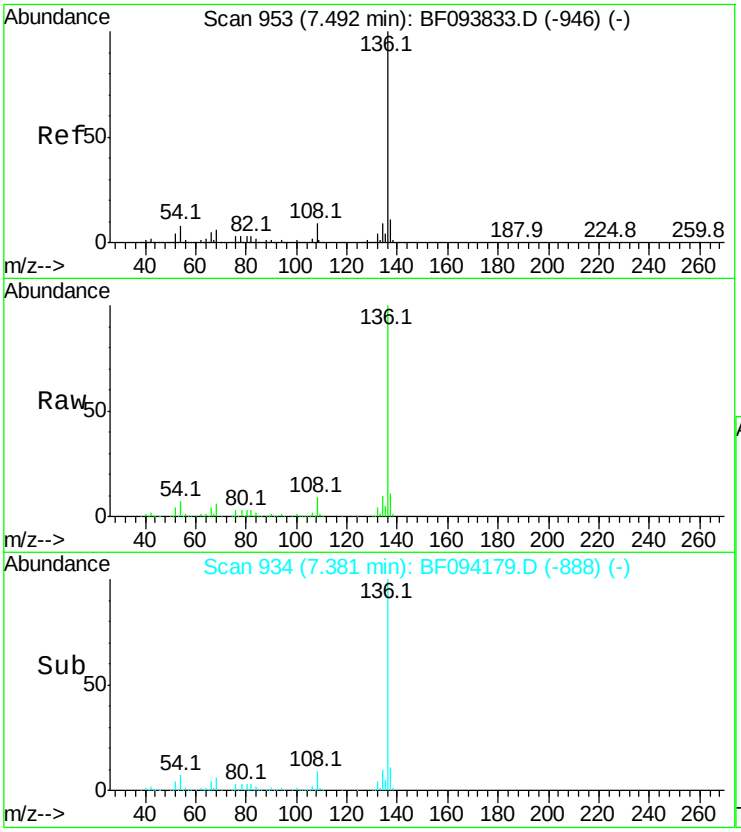


#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 6.53 min Scan# 789
Delta R.T. 0.14 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion: 70 Resp: 149592

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



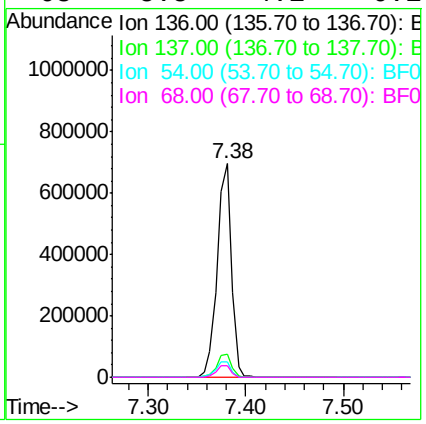


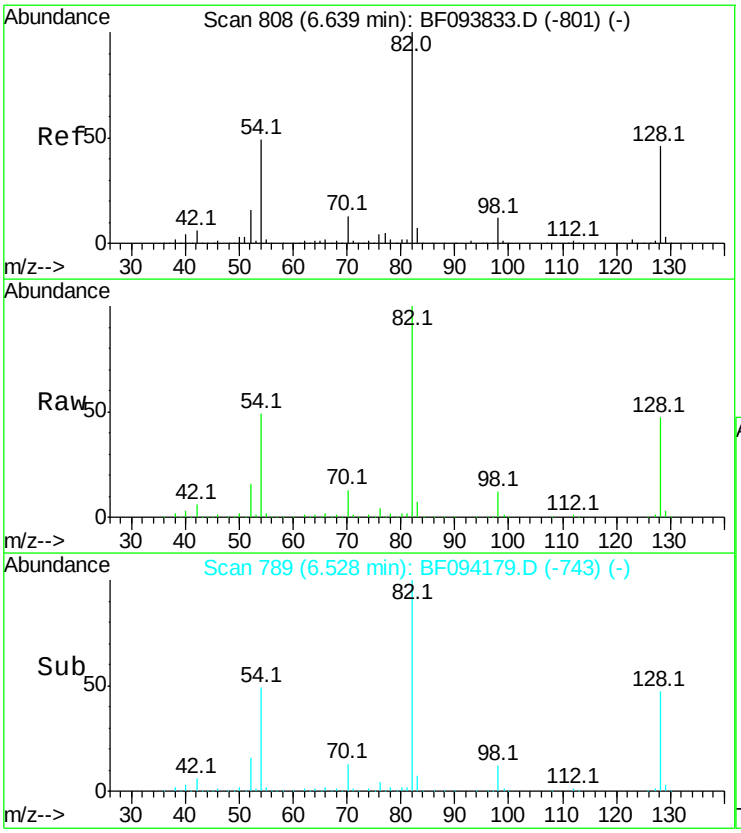
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:136 Resp: 708714

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1

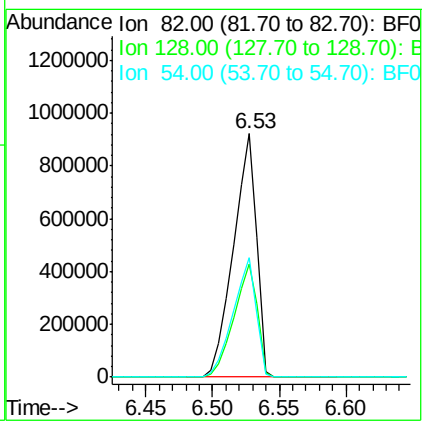


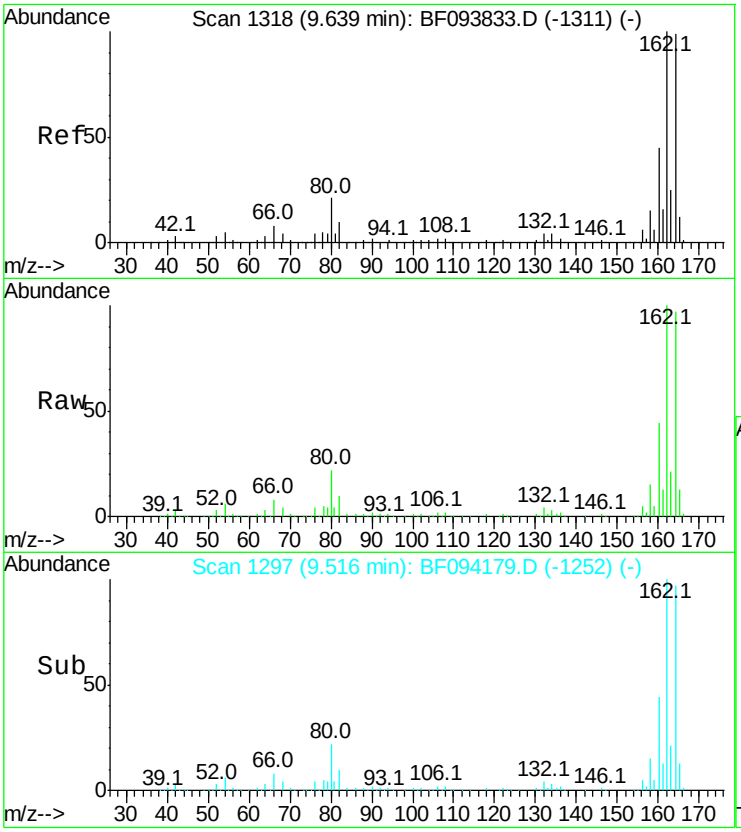


#23
Nitrobenzene-d5
Concen: 90.19 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion: 82 Resp: 1120055

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	48.9	42.2	63.2



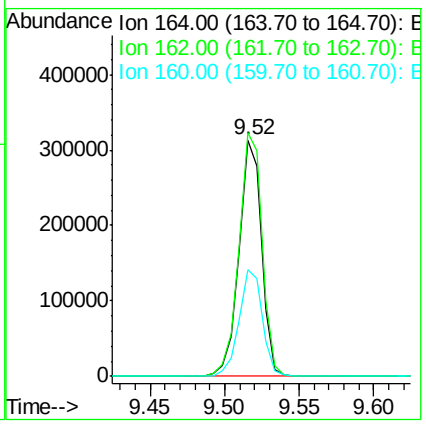


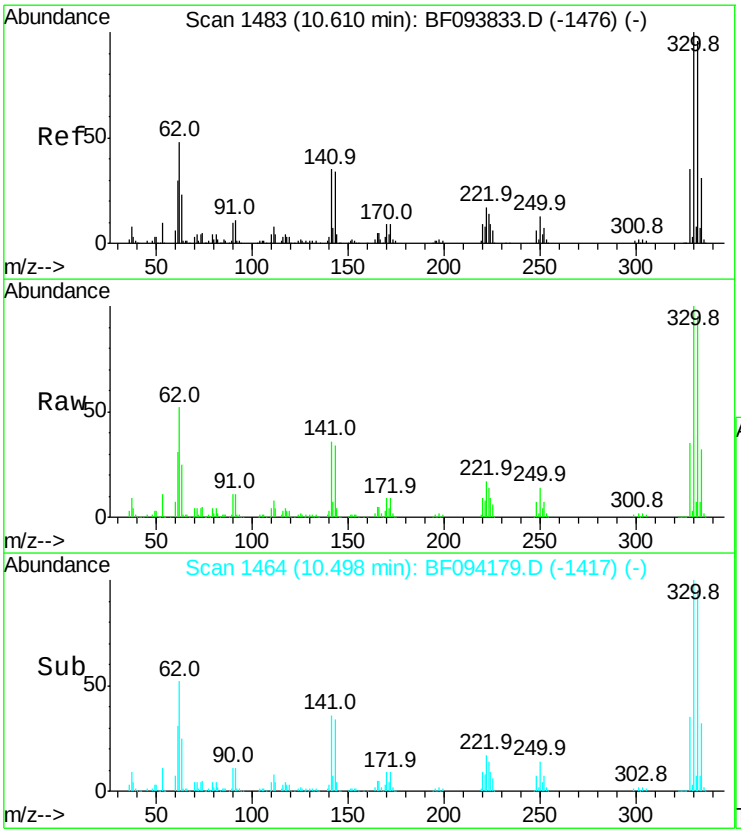
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.04 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:164 Resp: 327907

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.9	36.2	54.2

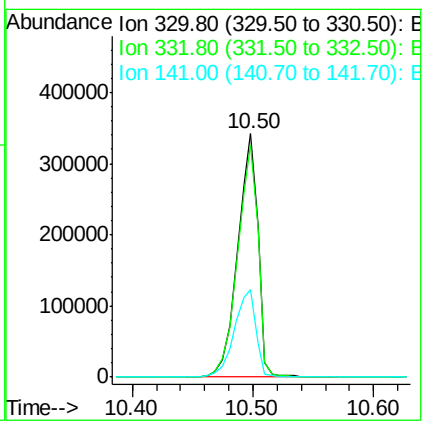


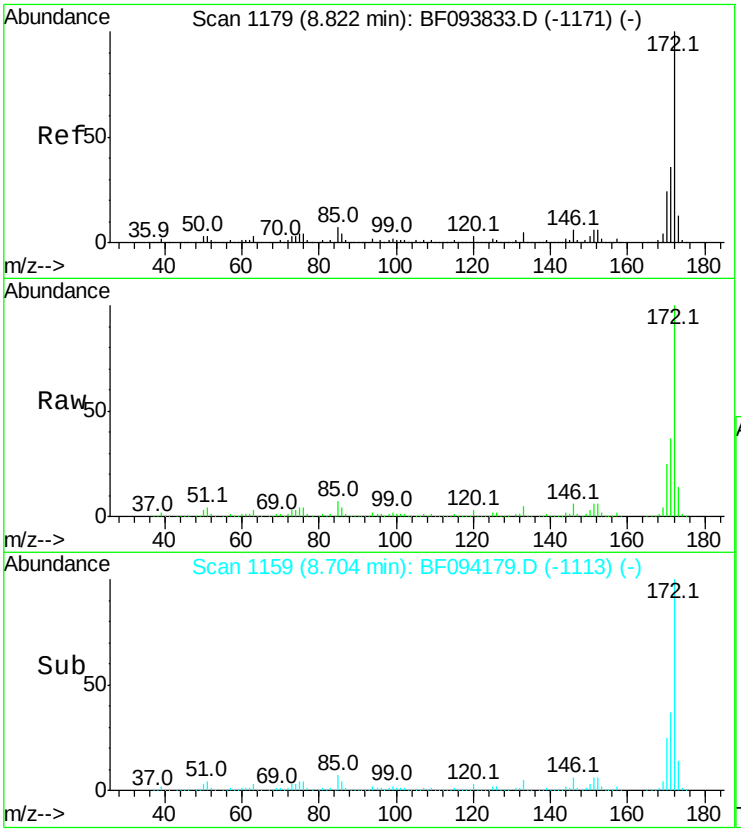


#41
2,4,6-Tribromophenol
Concen: 154.49 ng
RT: 10.50 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion:330 Resp: 400321

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	38.3	31.4	47.2



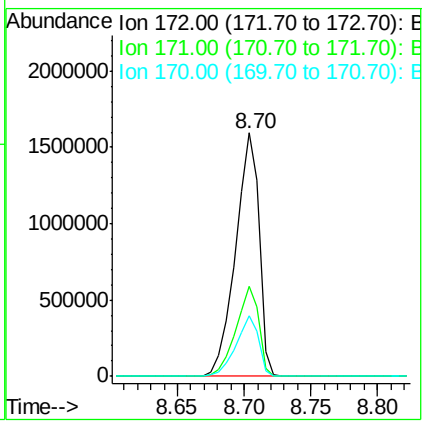


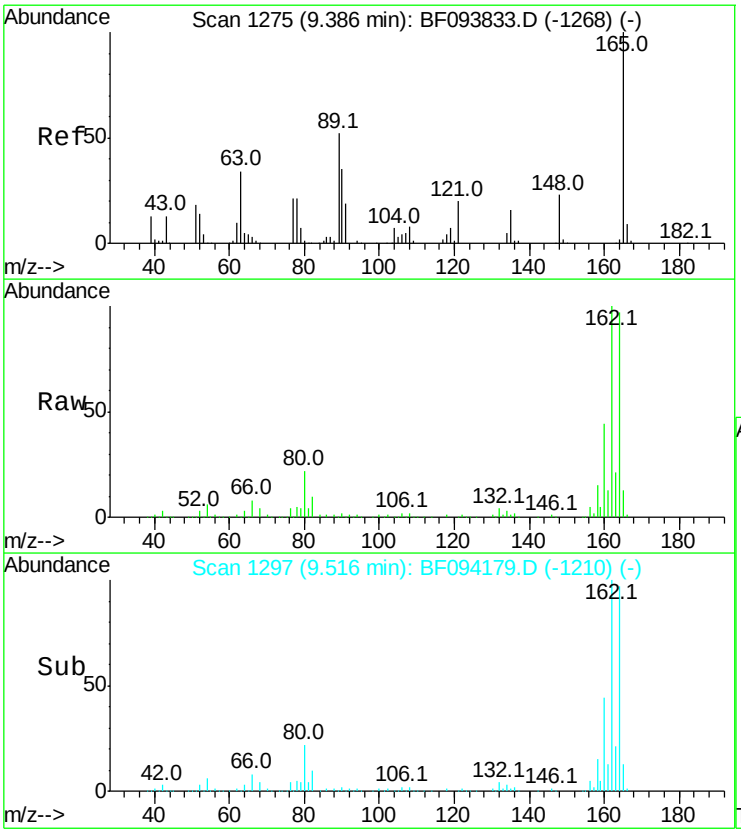
#44
2-Fluorobiphenyl
Concen: 90.53 ng
RT: 8.70 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:172 Resp: 1946310

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.9	19.8	29.8

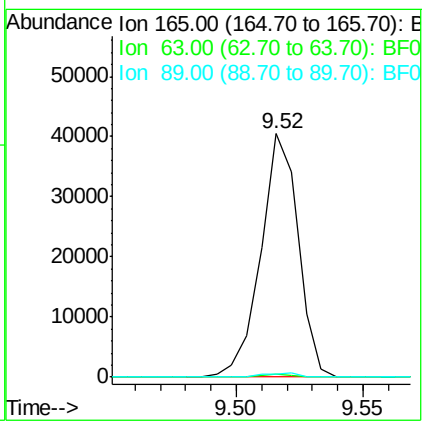


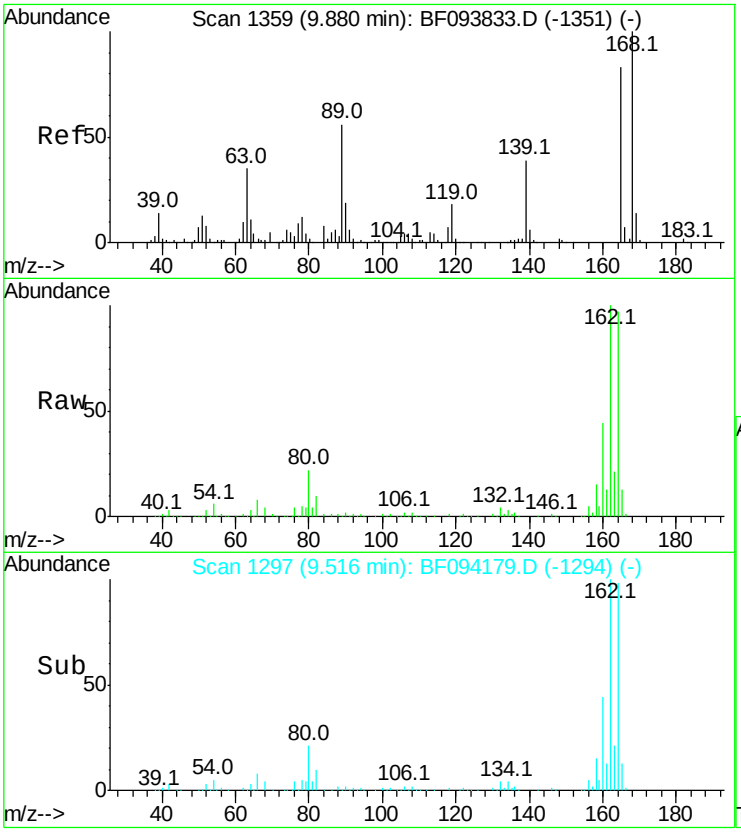


#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.21 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion:165 Resp: 41374

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	37.1	55.7#



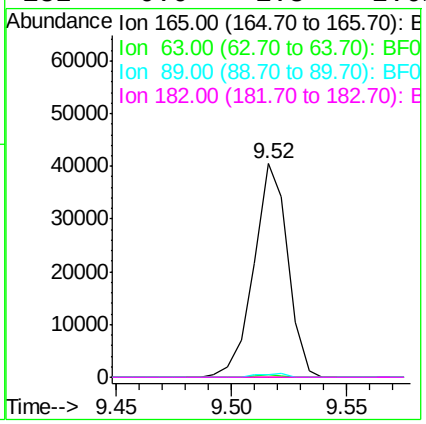


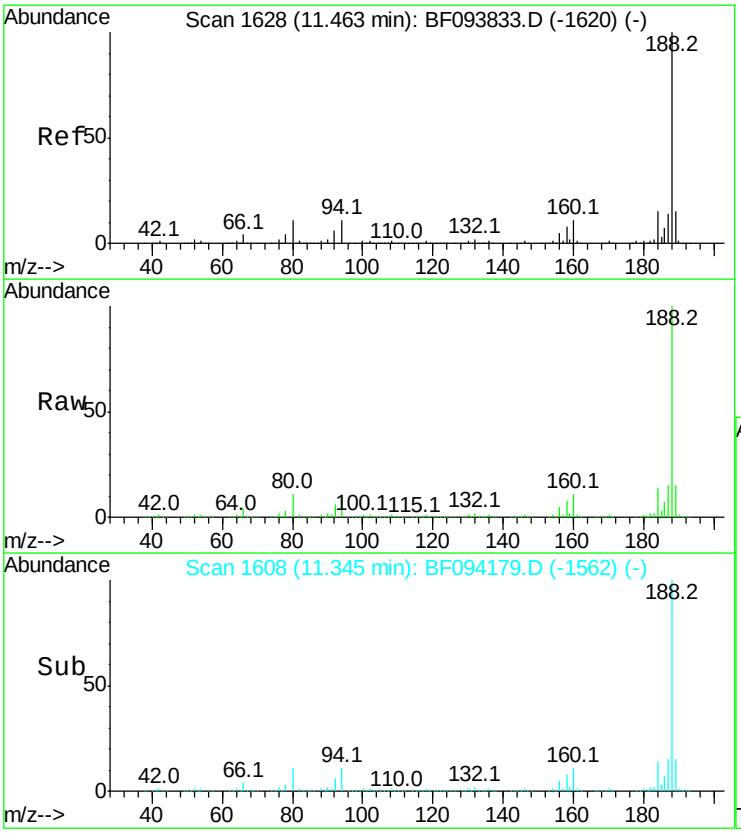
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.28 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:165 Resp: 41375

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

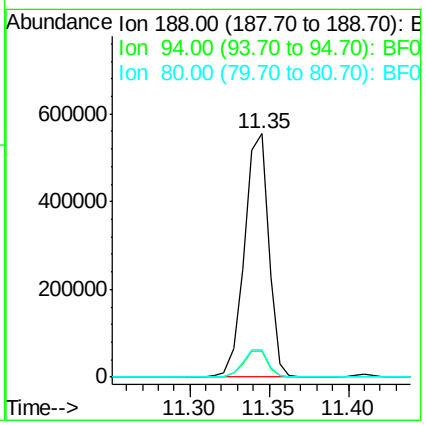


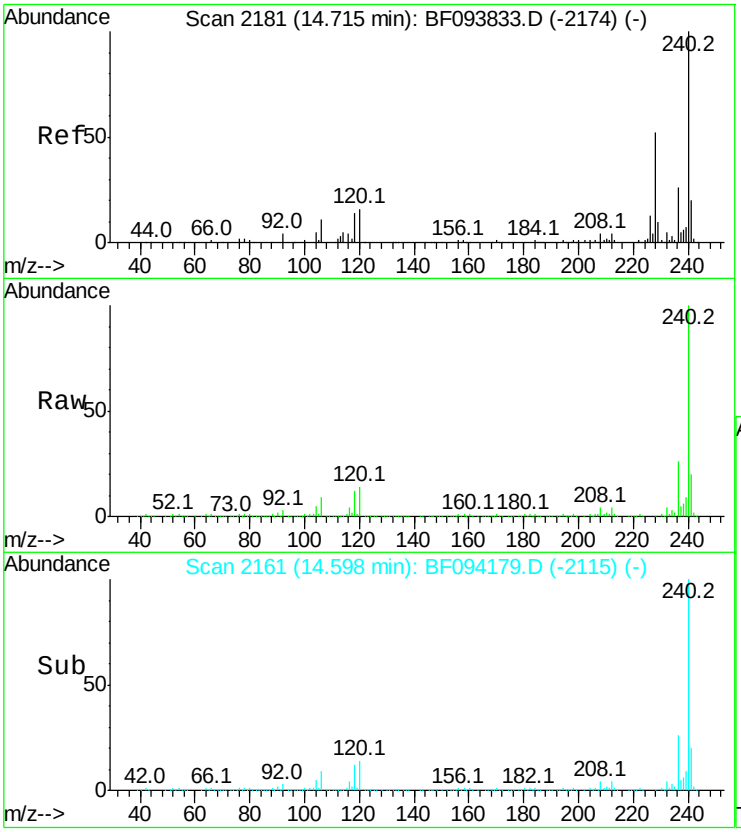


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion:188 Resp: 588426

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.3	10.2	15.2



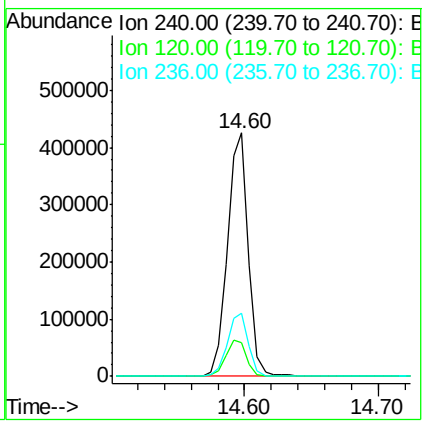


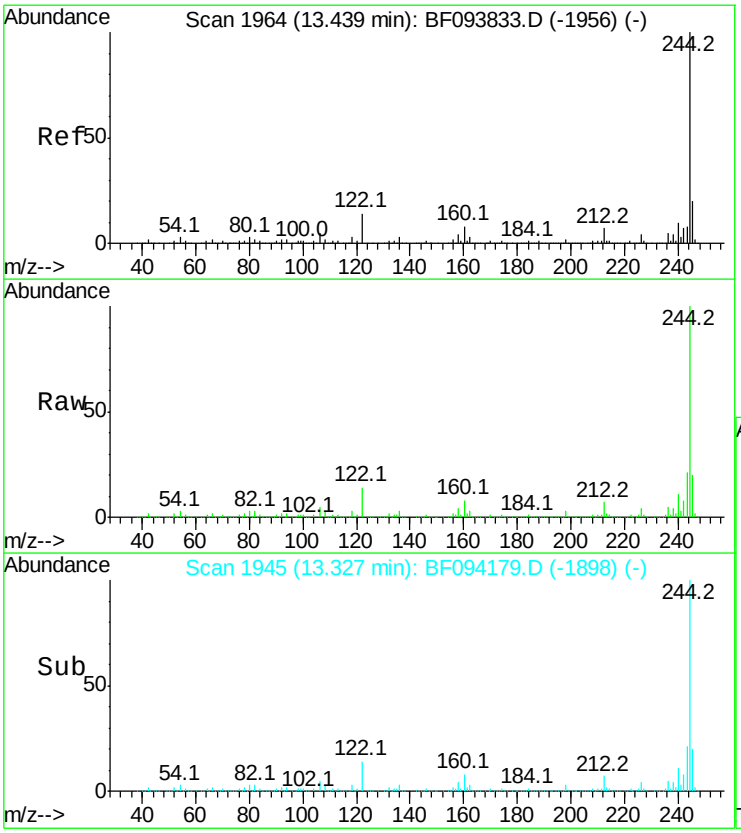
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:240 Resp: 466368

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.8	20.5	30.7

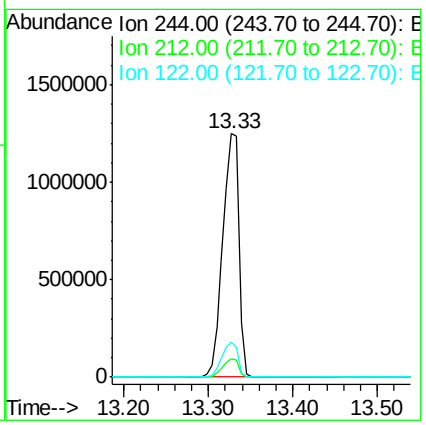


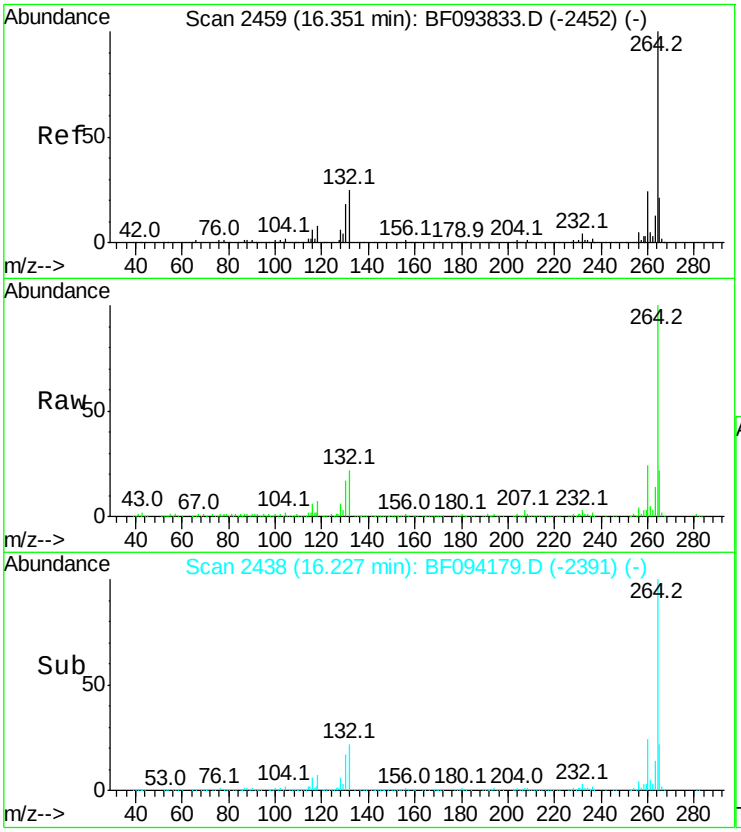


#78
Terphenyl-d14
Concen: 79.82 ng
RT: 13.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion:244 Resp: 1660852

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	10.3	15.5

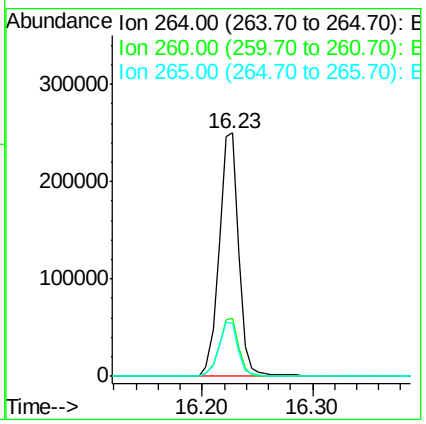




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BF094179.D
Acq: 4 Apr 2017 20:49

Tgt Ion:264 Resp: 310671

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
MW-9