Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Time: Apr 05 00:57:34 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	172746	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	695449	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	328245	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	600489	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	478730	20.00	ng	-0.03
86) Perylene-d12	16.23	264	315320	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	658157	64.35	ng	-0.02
7) Phenol-d6	5.47	99	538713	42.58	ng	-0.04
23) Nitrobenzene-d5	6.53	82	1083062	88.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	403437	155.54	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1928300	89.60	ng	-0.03
78) Terphenyl-d14	13.33	244	1666229	78.02	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.53	70	145831	17.93	ng	# 76
50) 2,6-Dinitrotoluene	9.52	165	42699	7.98	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	42700	6.36	ng	# 34

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

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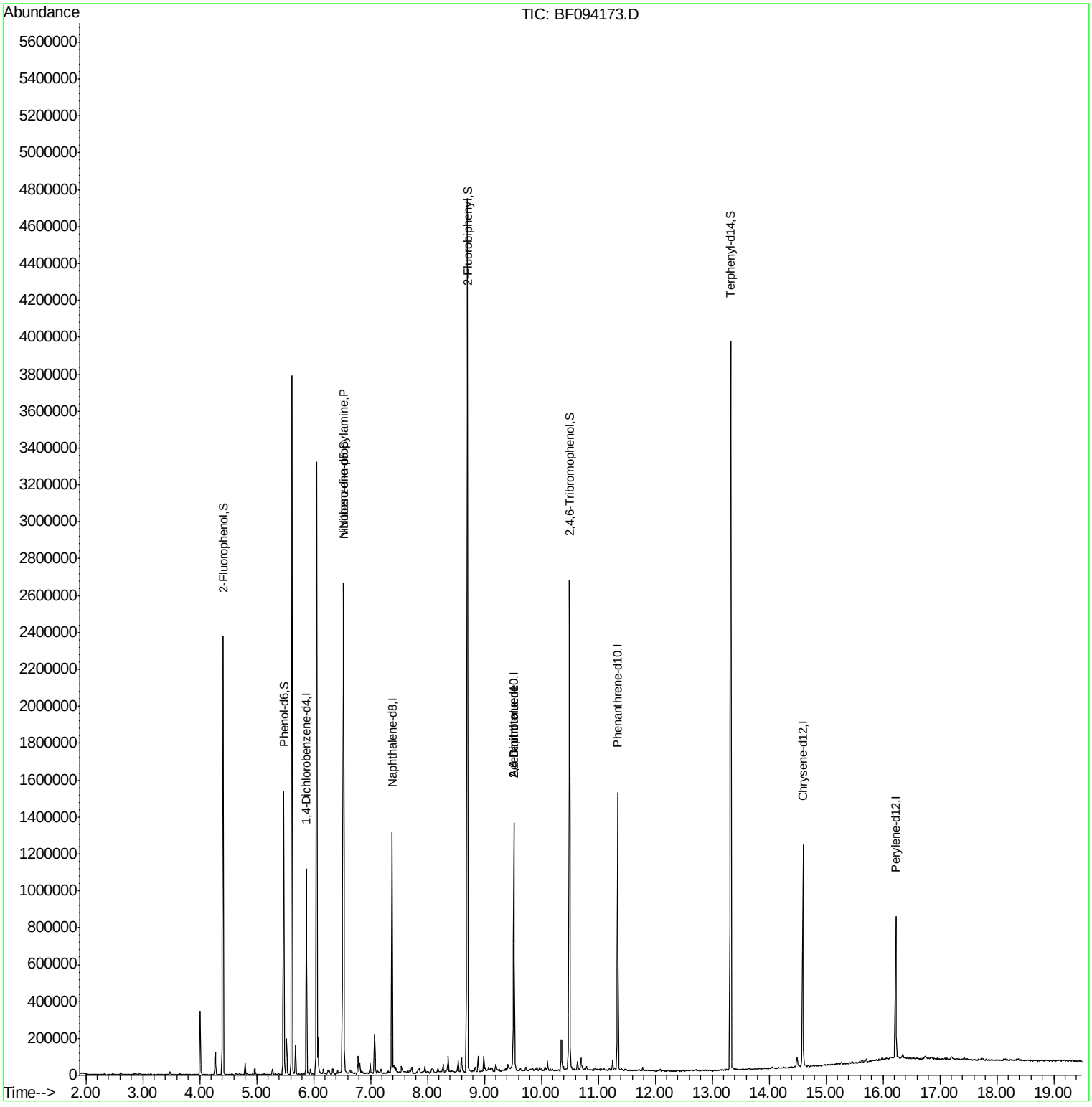
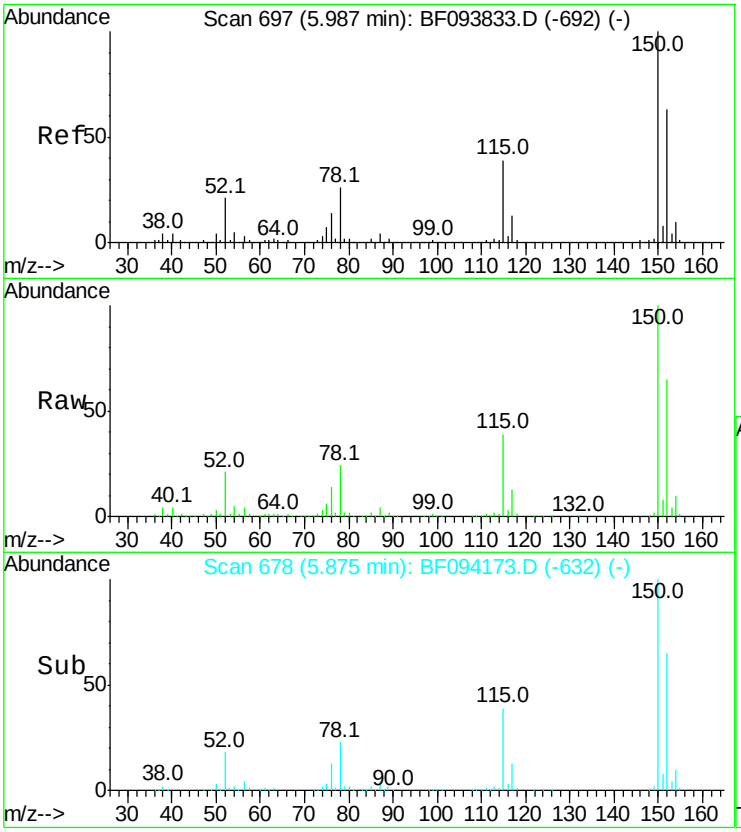


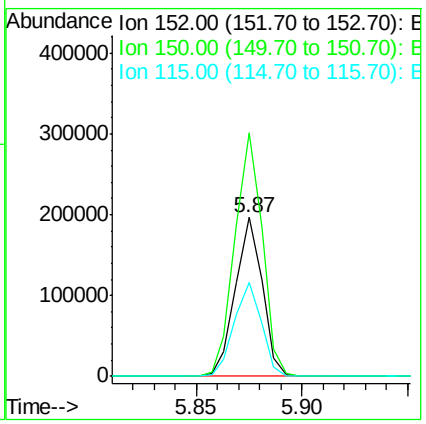


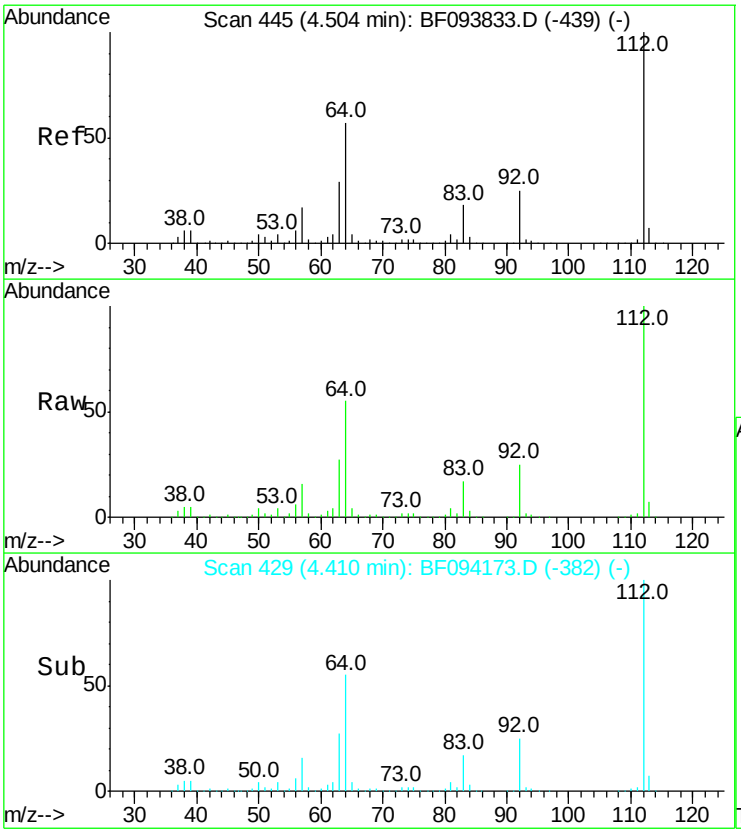
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 172746

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	59.2	52.2	78.2

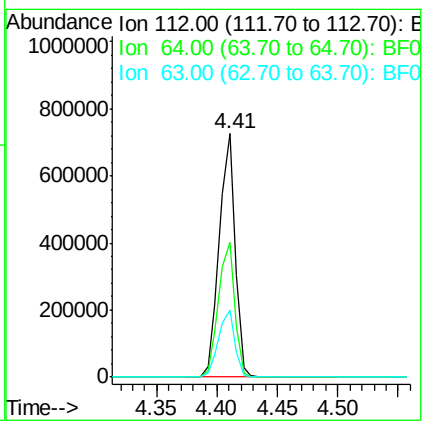


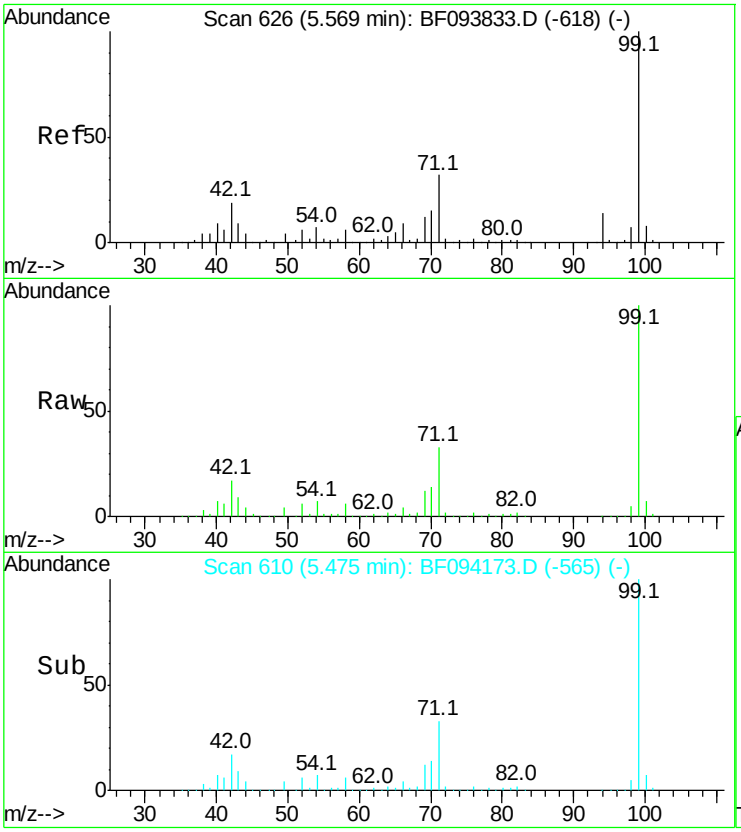


#5
2-Fluorophenol
Concen: 64.35 ng
RT: 4.41 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion:112 Resp: 658157

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.4	23.4	35.0



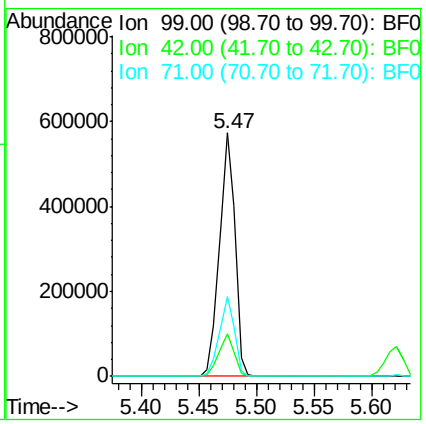


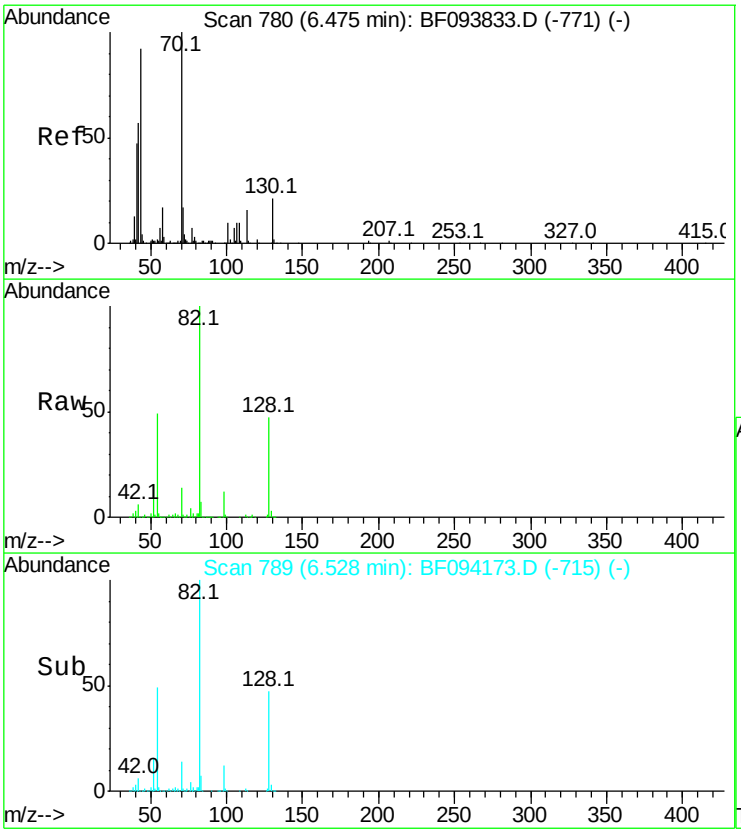
#7
Phenol-d6
Concen: 42.58 ng
RT: 5.47 min Scan# 610
Delta R.T. -0.04 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 538713

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	33.0	24.5	36.7

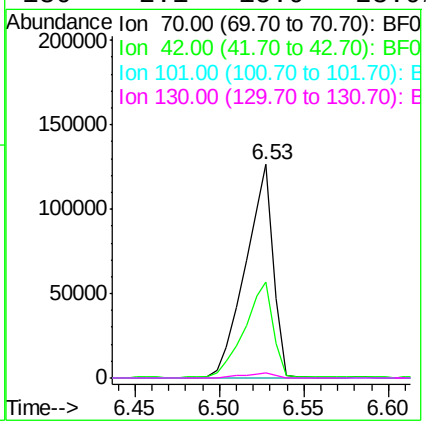


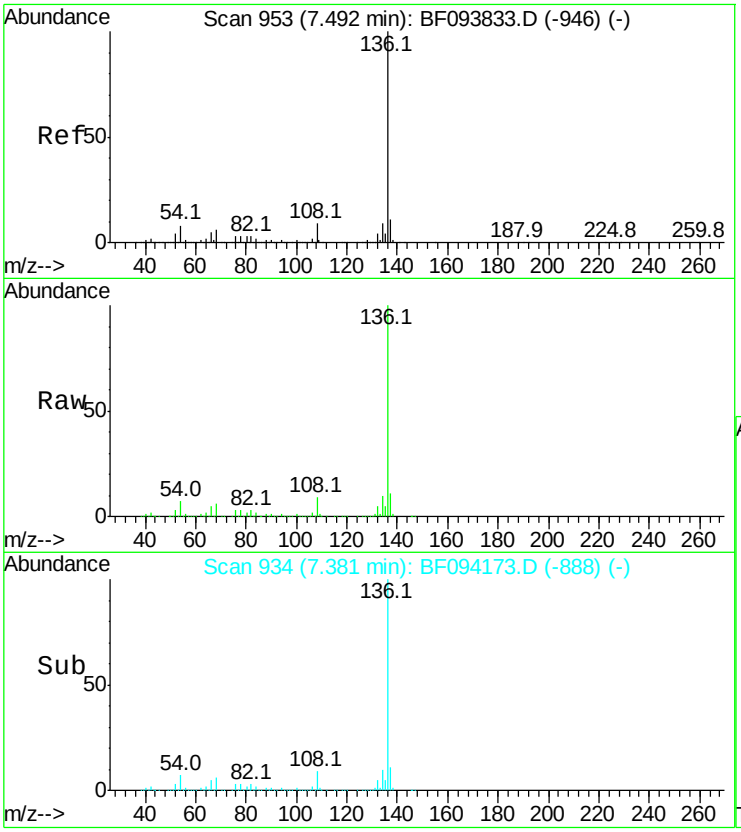


#19
n-Nitroso-di-n-propylamine
Concen: 17.93 ng
RT: 6.53 min Scan# 789
Delta R.T. 0.14 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion: 70 Resp: 145831

Ion	Ratio	Lower	Upper
70	100		
42	45.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



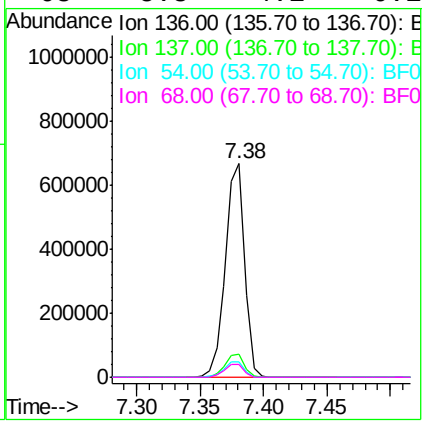


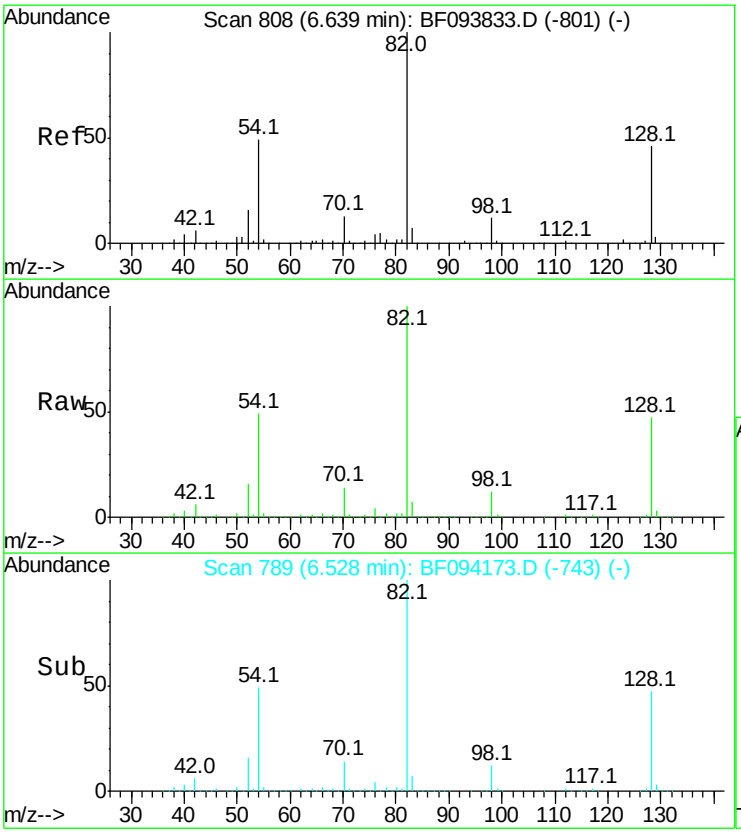
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:136 Resp: 695449

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.0	4.9	7.3
68	5.8	4.1	6.1

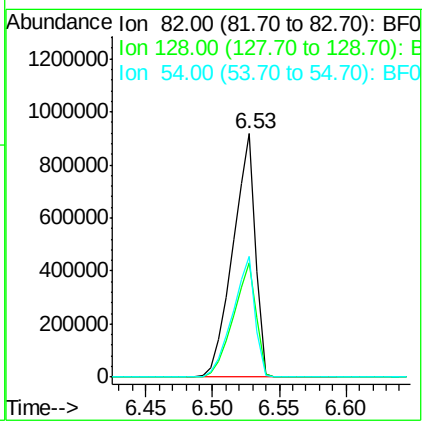


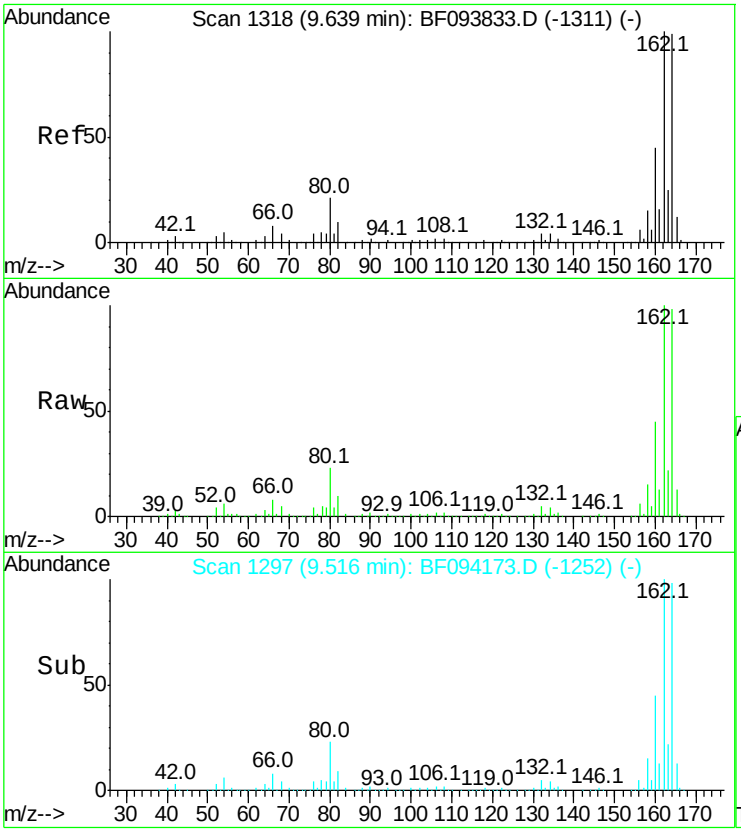


#23
Nitrobenzene-d5
Concen: 88.88 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion: 82 Resp: 1083062

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	49.4	42.2	63.2



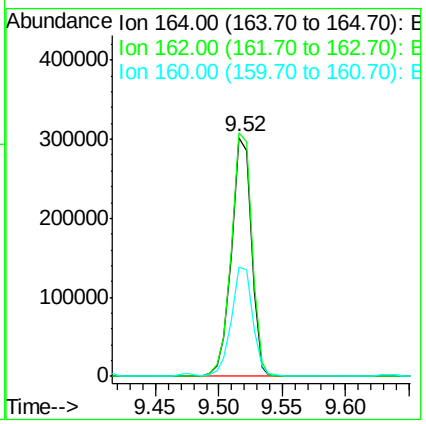


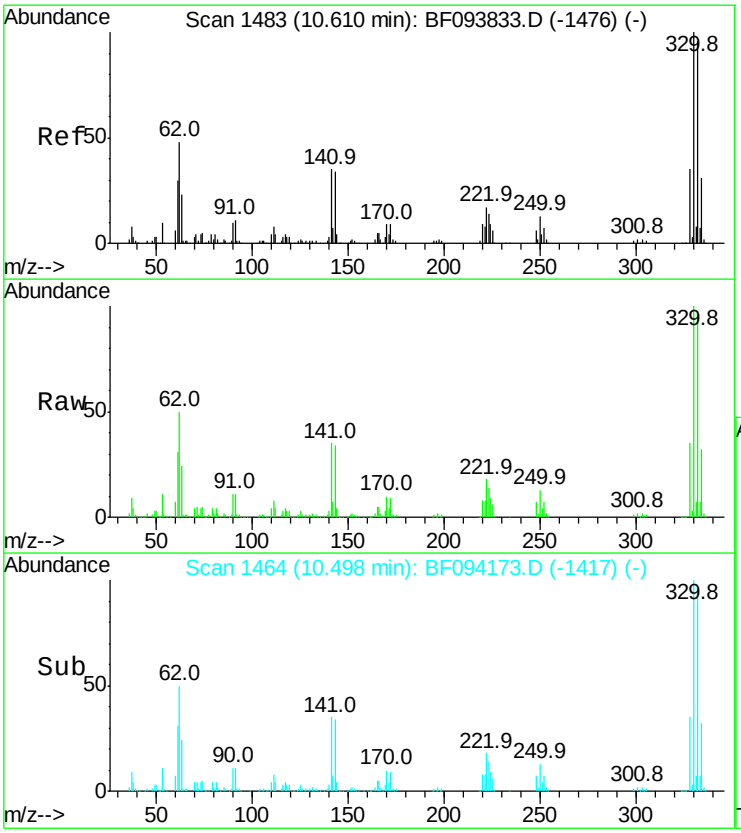
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.04 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:164 Resp: 328245

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	45.7	36.2	54.2

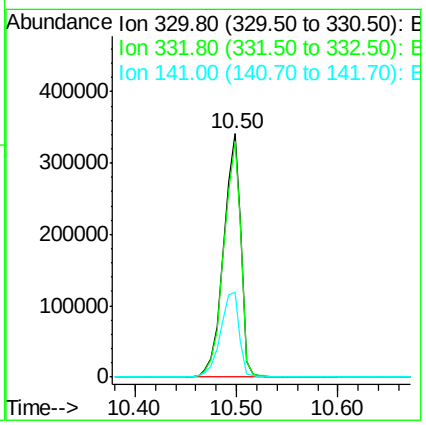


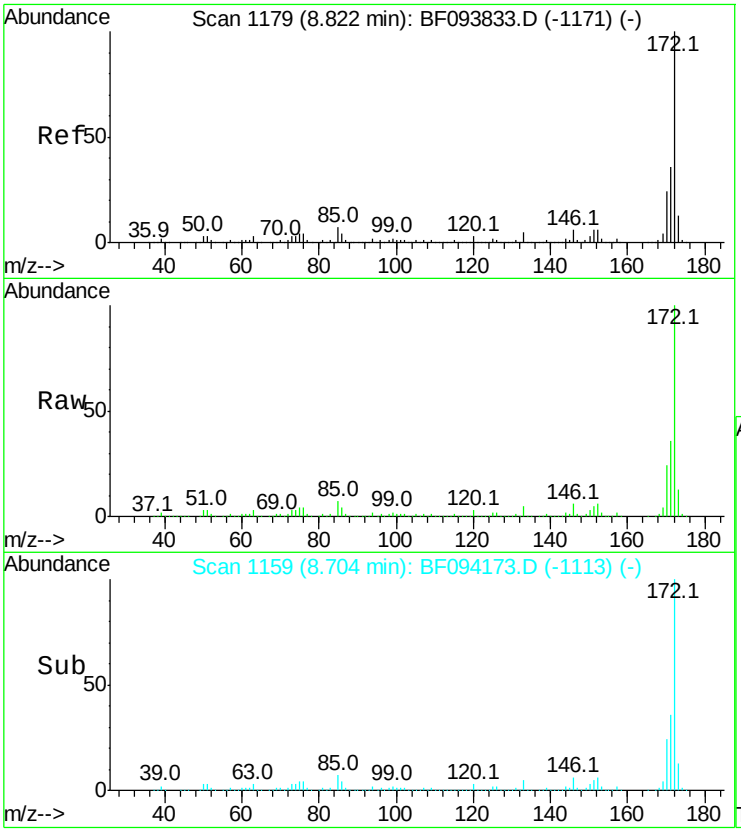


#41
2,4,6-Tribromophenol
Concen: 155.54 ng
RT: 10.50 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion:330 Resp: 403437

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	37.8	31.4	47.2



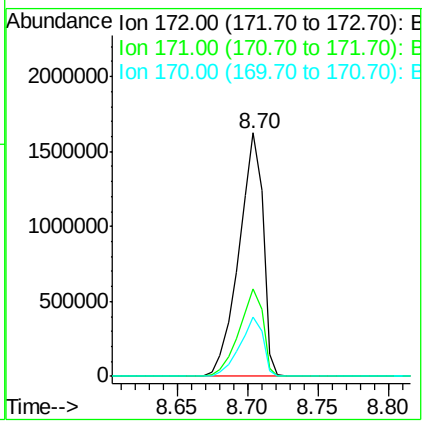


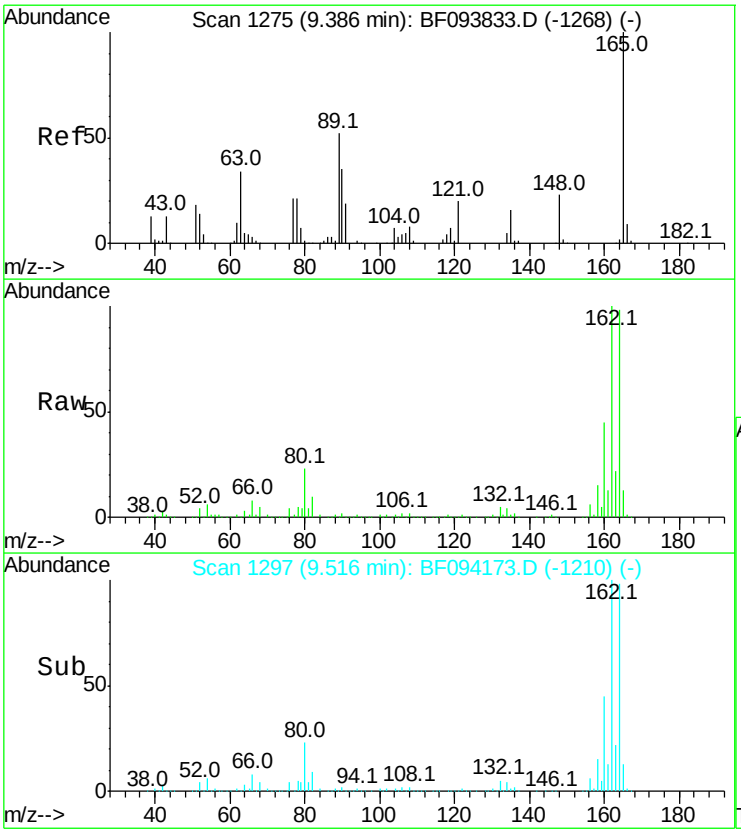
#44
2-Fluorobiphenyl
Concen: 89.60 ng
RT: 8.70 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:172 Resp: 1928300

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	19.8	29.8

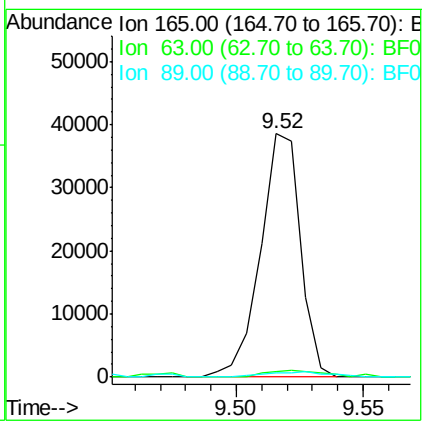


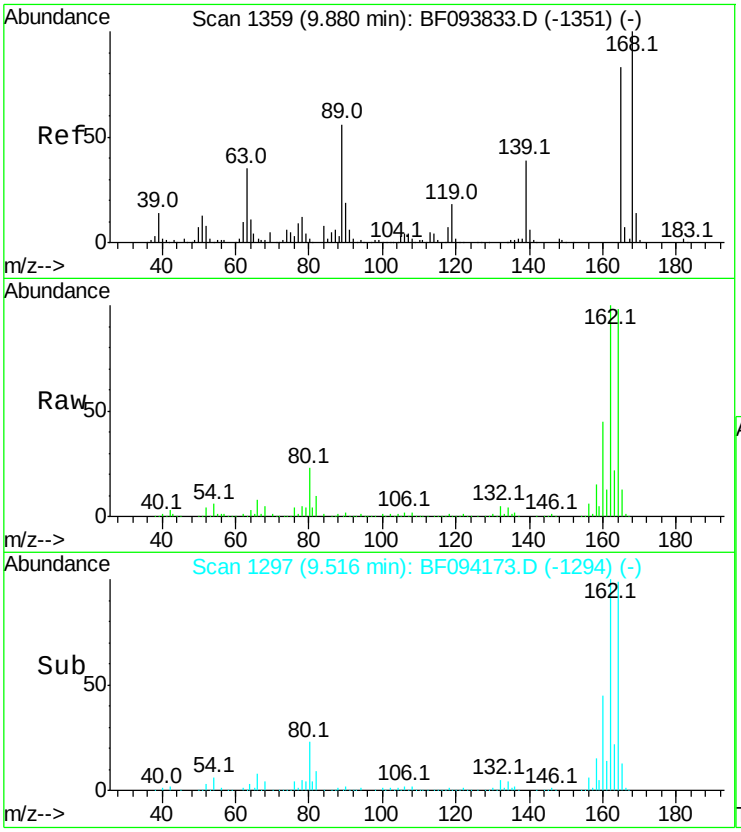


#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.21 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion:165 Resp: 42699

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.9	37.1	55.7#



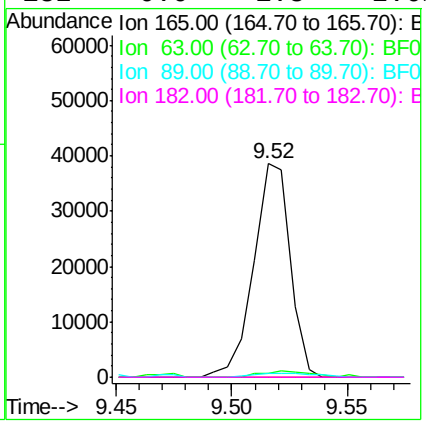


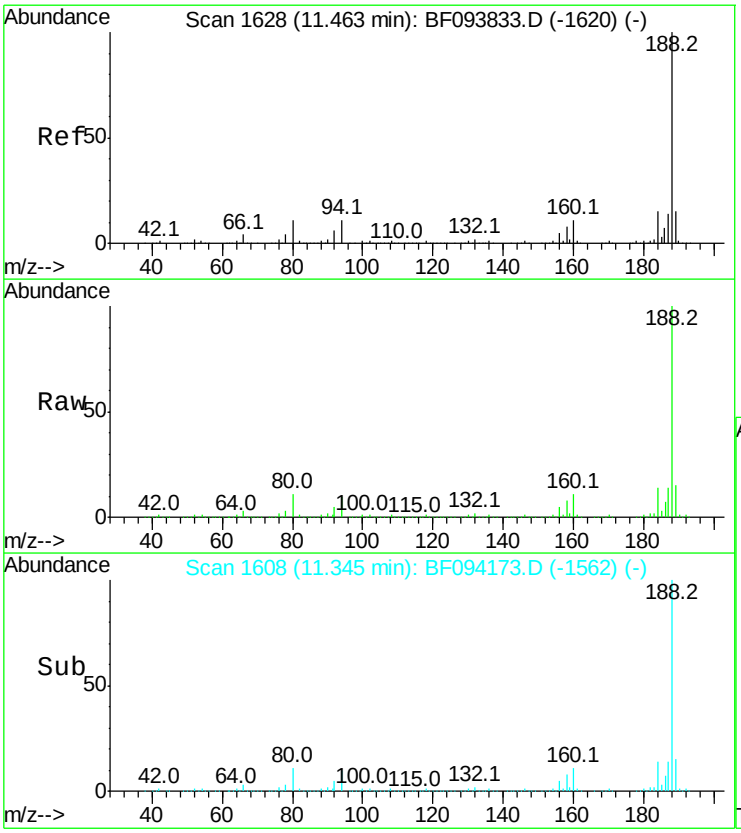
#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.28 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:165 Resp: 42700

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

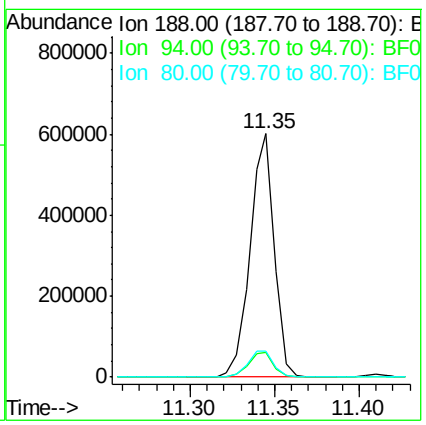


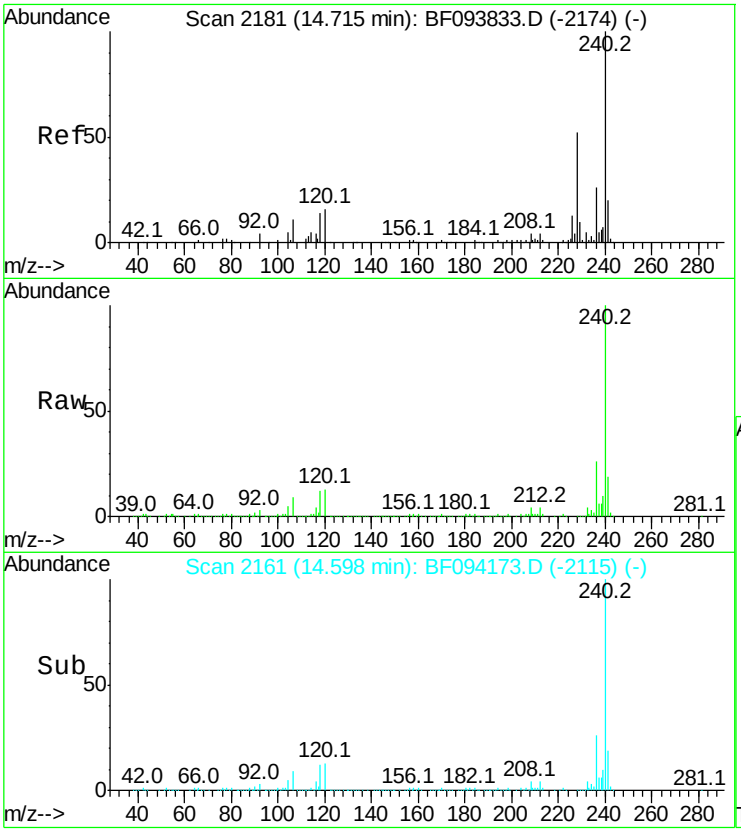


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion:188 Resp: 600489

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.8	10.2	15.2



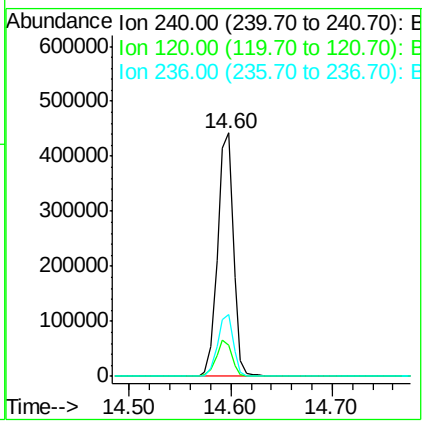


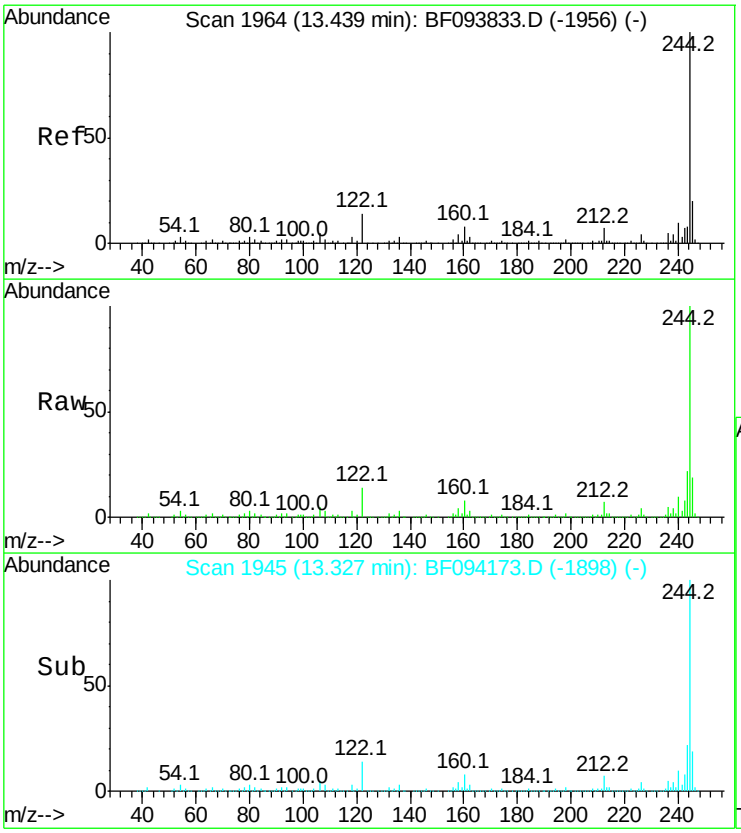
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:240 Resp: 478730

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	25.5	20.5	30.7

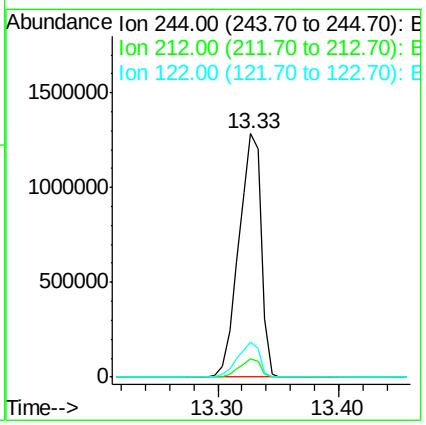


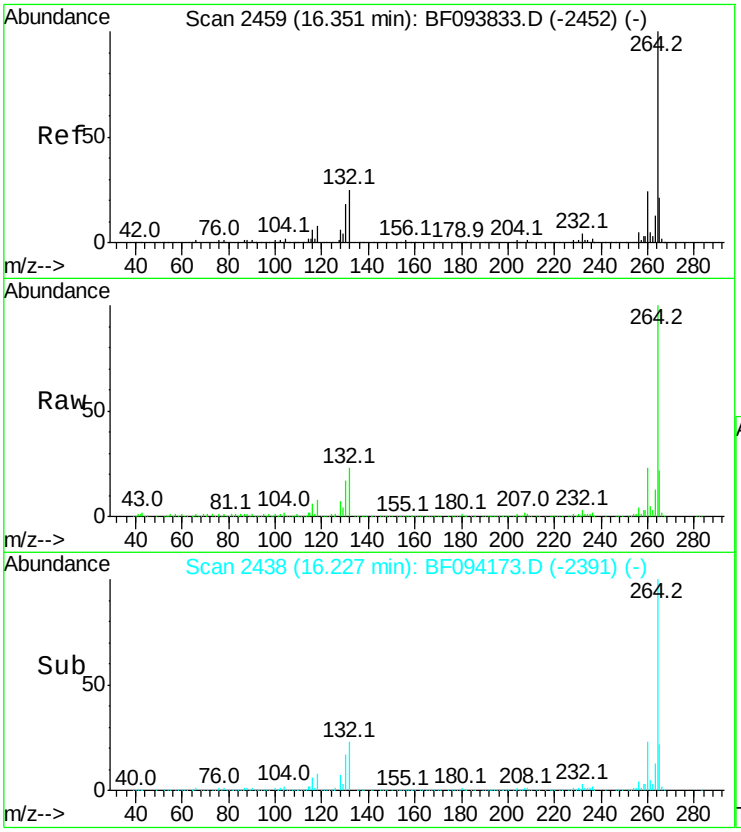


#78
Terphenyl-d14
Concen: 78.02 ng
RT: 13.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion:244 Resp: 1666229

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.1	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: BF094173.D
Acq: 4 Apr 2017 18:03

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:264 Resp: 315320

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.5	17.2	25.8