Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094711.D
Acq On : 30 Apr 2017 13:43
Operator : SJ/MA
Sample : PB98571TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 01:18:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111464	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	444334	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	211926	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	397090	20.00	ng	0.00
75) Chrysene-d12	14.47	240	330228	20.00	ng	0.00
86) Perylene-d12	16.09	264	221449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	842046	125.33	ng	0.02
7) Phenol-d6	5.40	99	1025363	129.46	ng	0.00
23) Nitrobenzene-d5	6.42	82	609734	84.73	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	189909	114.57	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1193630	82.87	ng	0.00
78) Terphenyl-d14	13.19	244	1152444	93.28	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.42	70	81676	15.56	ng	# 74
50) 2,6-Dinitrotoluene	9.39	165	26959	7.60	ng	# 32
56) 2,4-Dinitrotoluene	9.39	165	26966	6.20	ng	# 32

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

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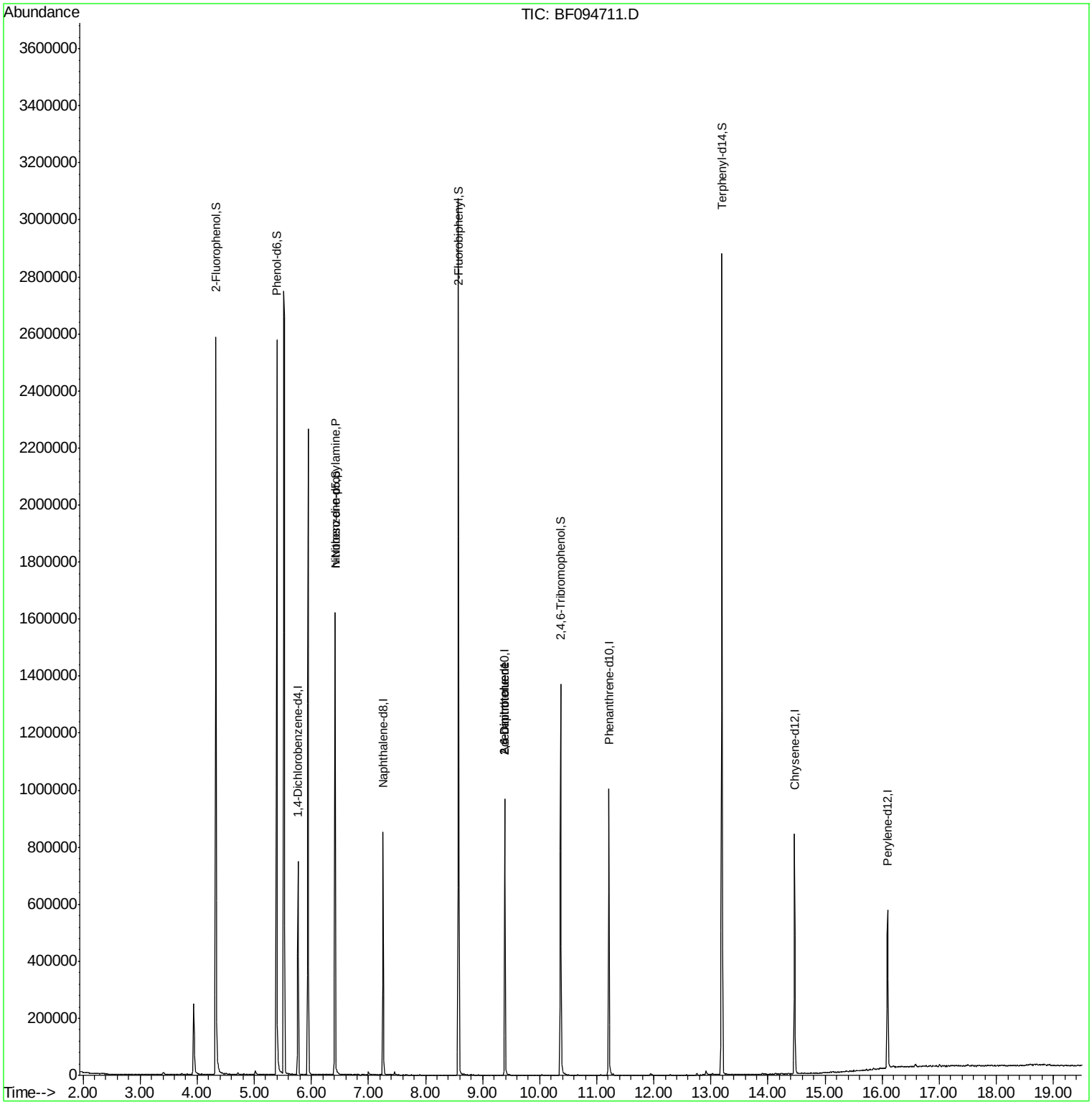
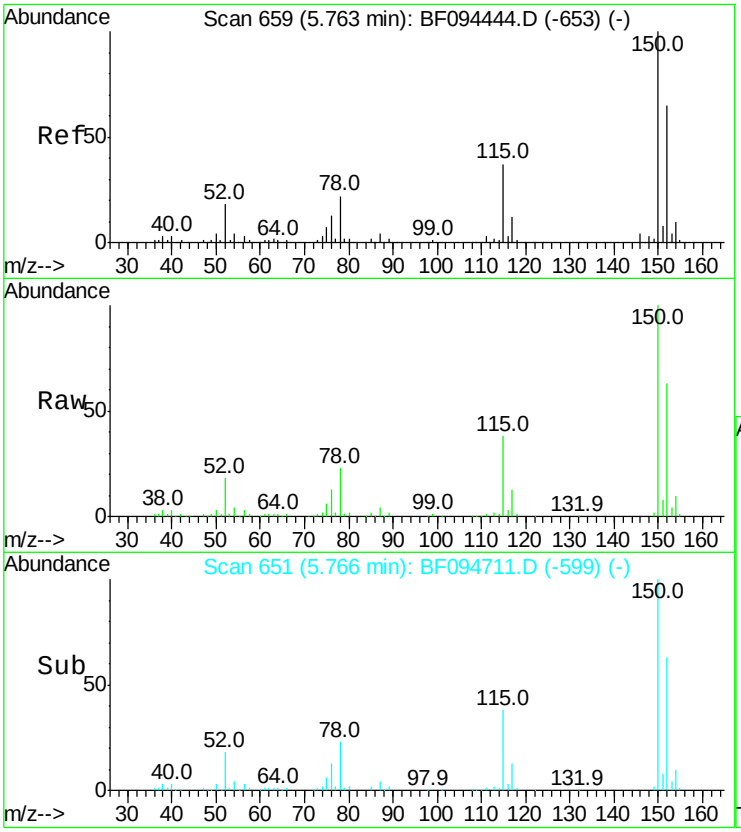


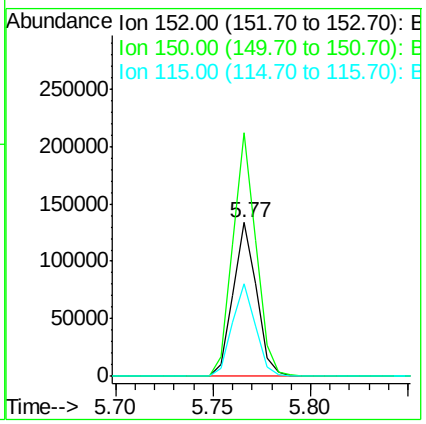


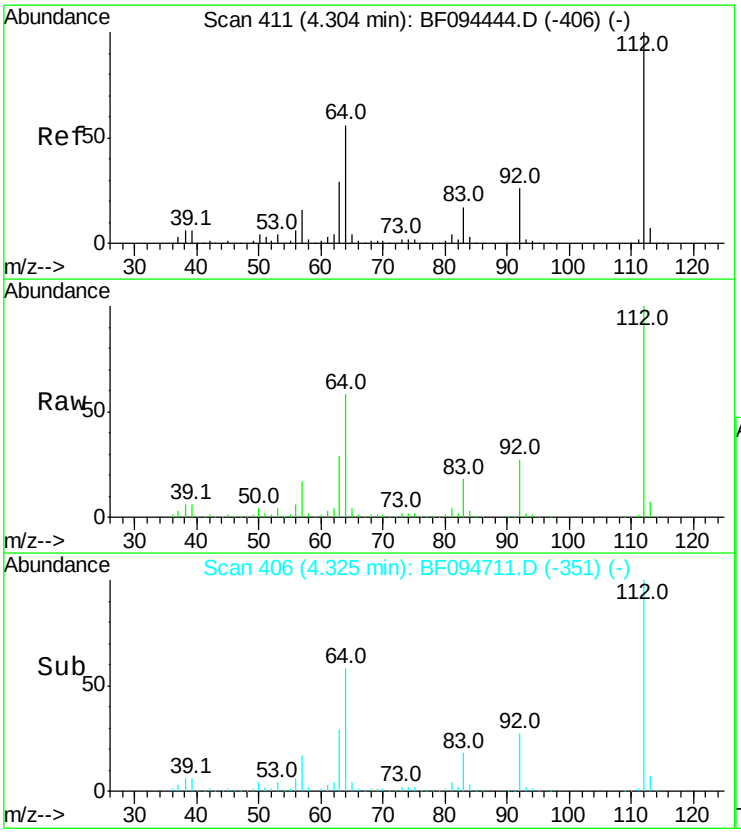
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111464

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	60.4	52.2	78.2

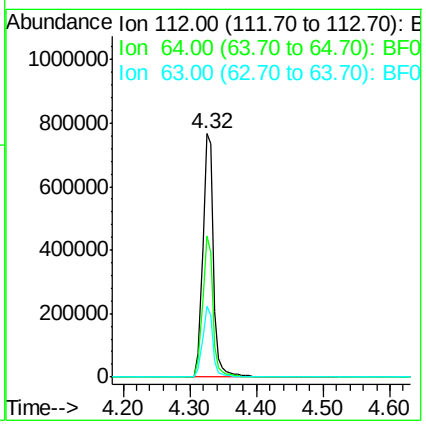


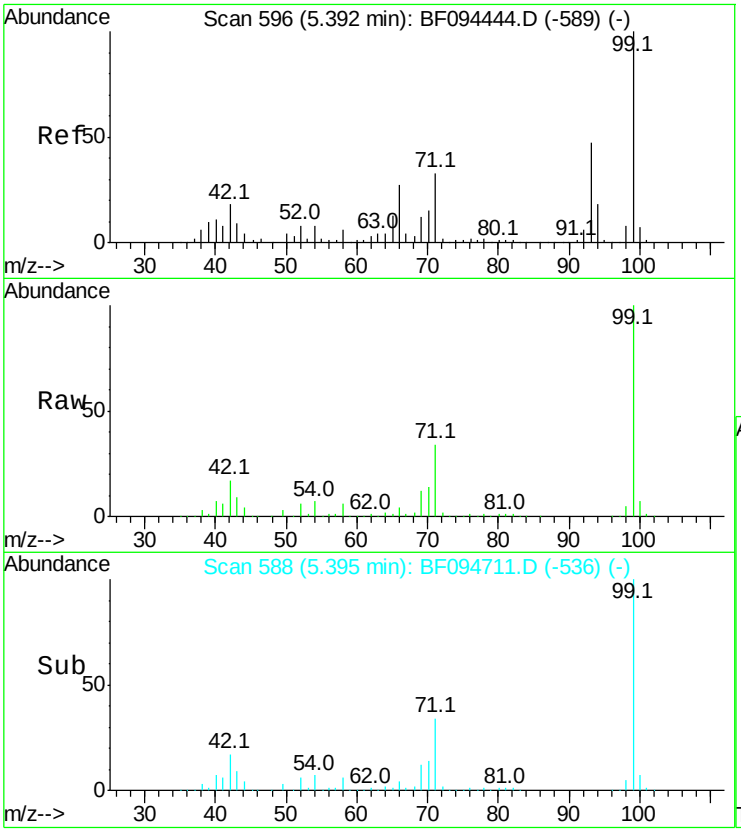


#5
2-Fluorophenol
Concen: 125.33 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion:112 Resp: 842046

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.0	69.0
63	29.1	23.4	35.0



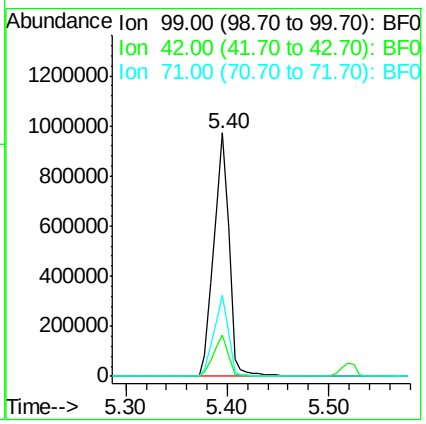


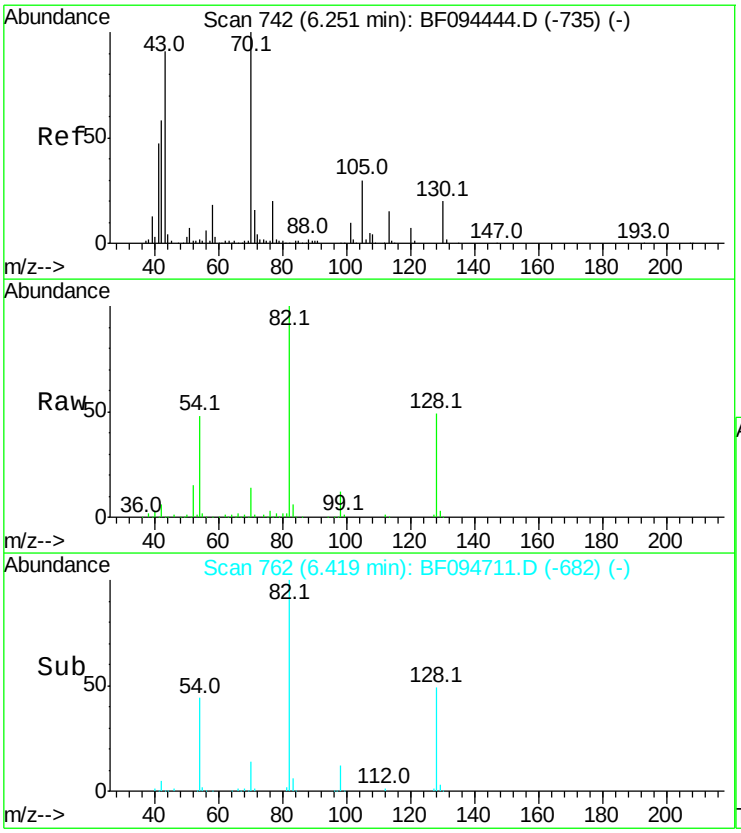
#7
Phenol-d6
Concen: 129.46 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1025363

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	33.5	24.5	36.7

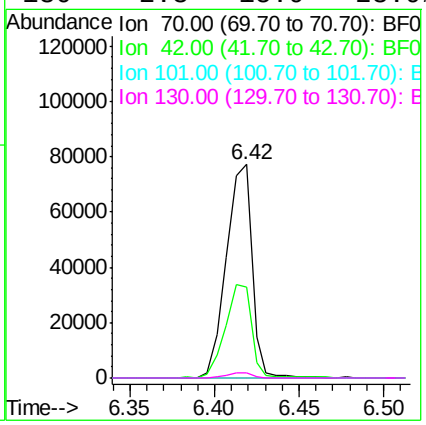


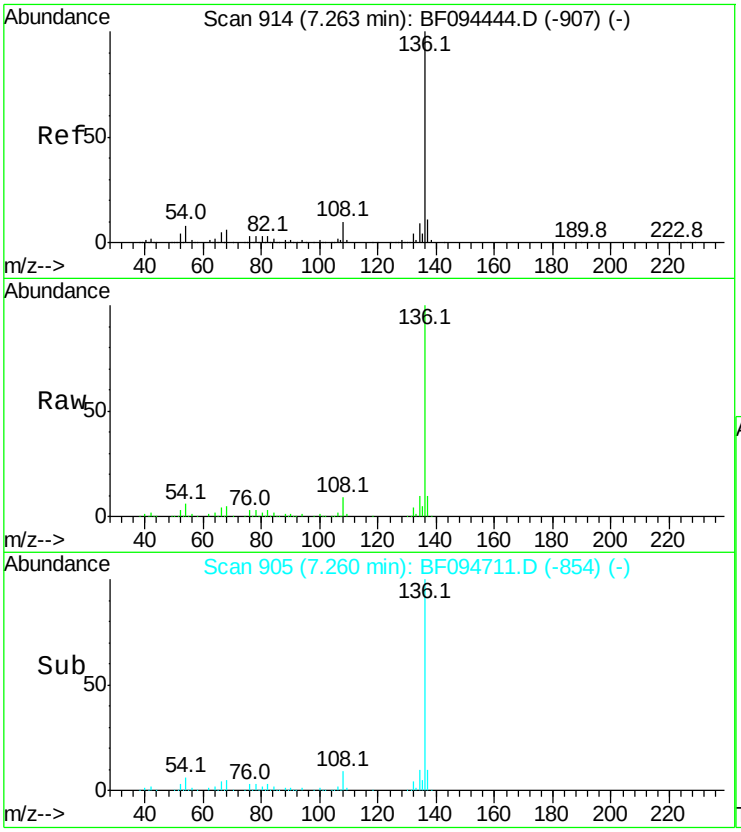


#19
n-Nitroso-di-n-propylamine
Concen: 15.56 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion: 70 Resp: 81676

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



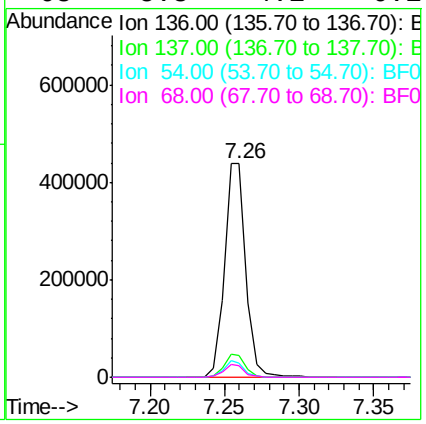


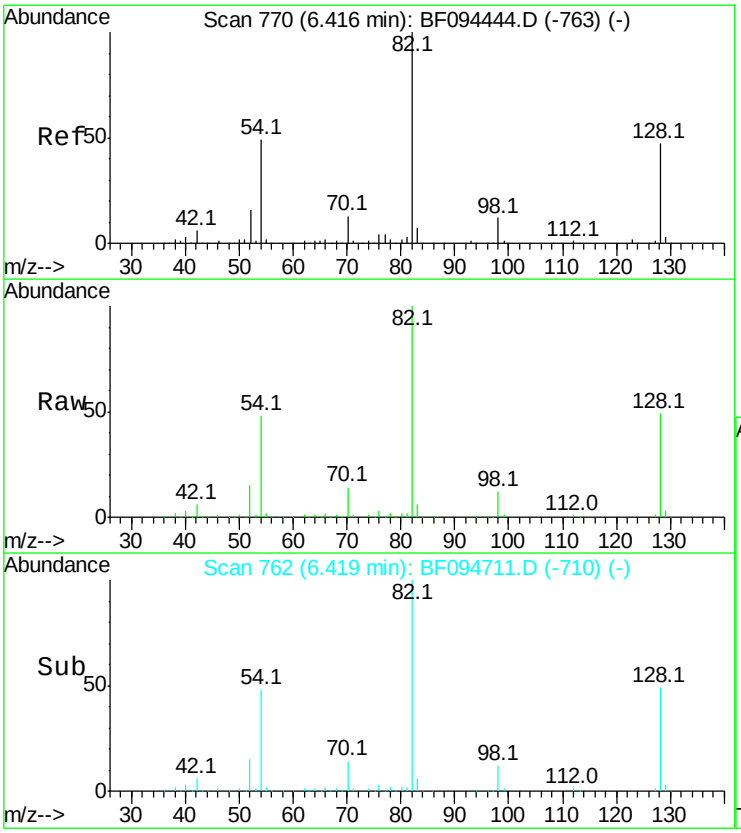
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 444334

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.3	4.9	7.3
68	5.3	4.1	6.1

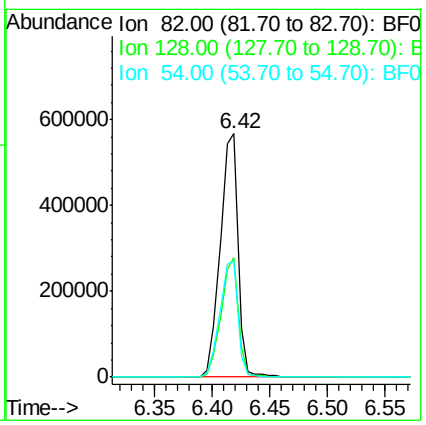


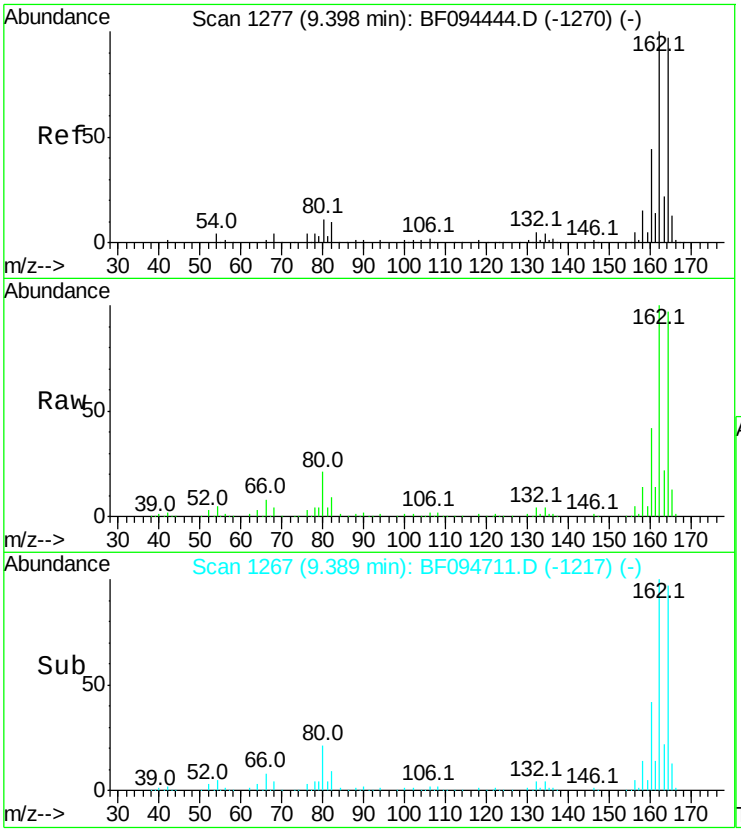


#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion: 82 Resp: 609734

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	47.5	42.2	63.2



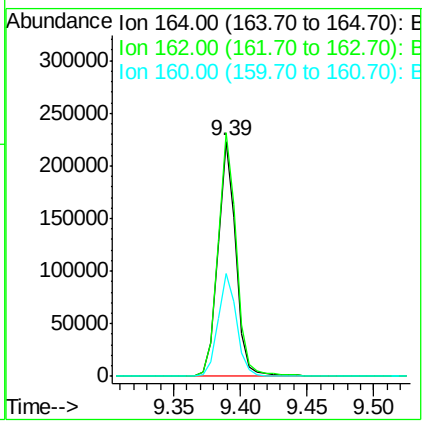


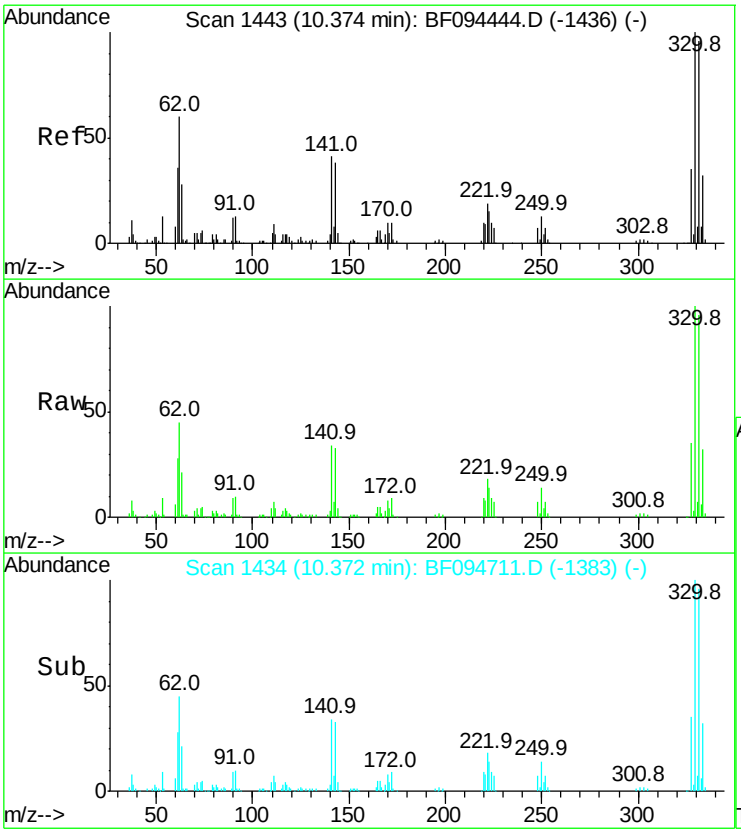
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 211926

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	43.8	36.2	54.2

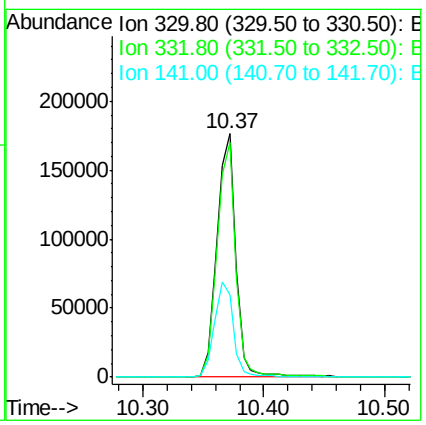


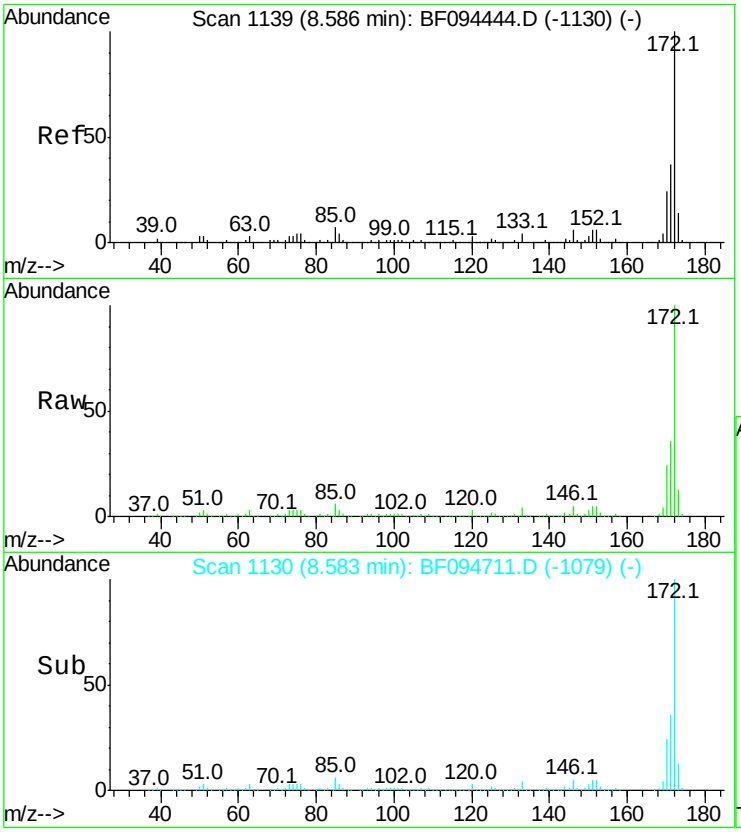


#41
2,4,6-Tribromophenol
Concen: 114.57 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion:330 Resp: 189909

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.3	31.4	47.2



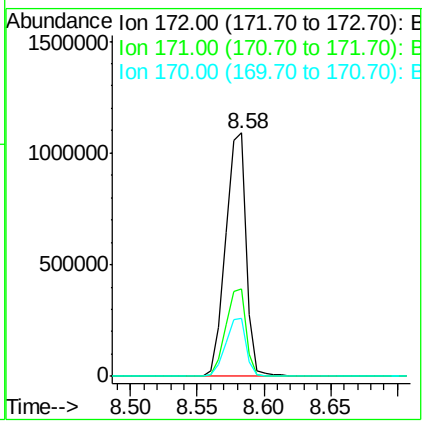


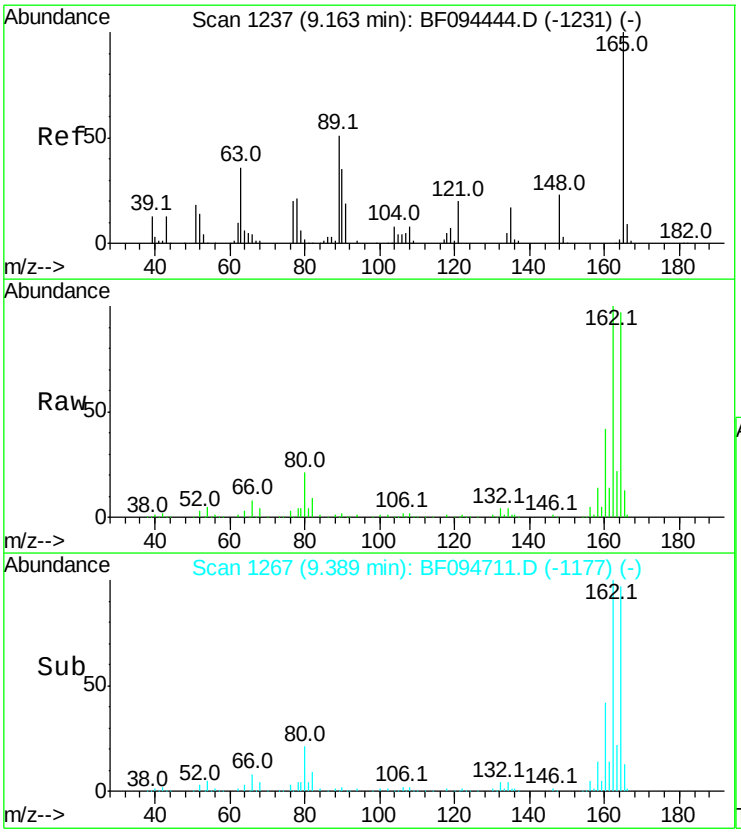
#44
2-Fluorobiphenyl
Concen: 82.87 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1193630

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.8	29.8

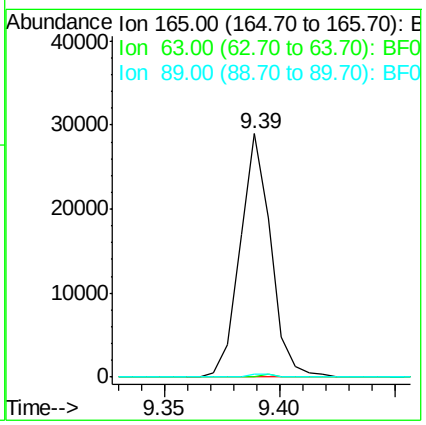


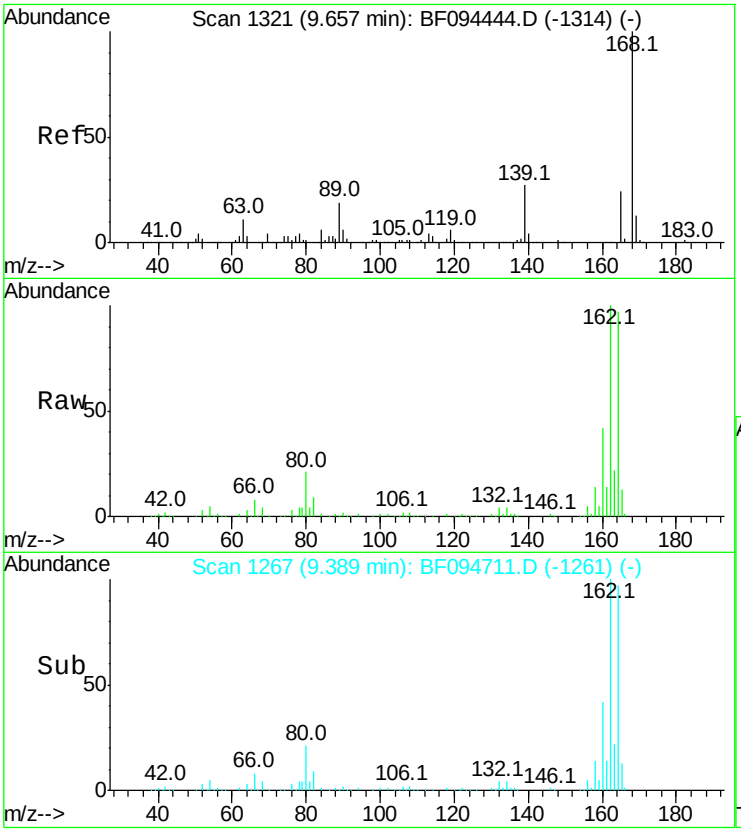


#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.39 min Scan# 1267
Delta R.T. 0.23 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion:165 Resp: 26959

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.1	37.1	55.7#



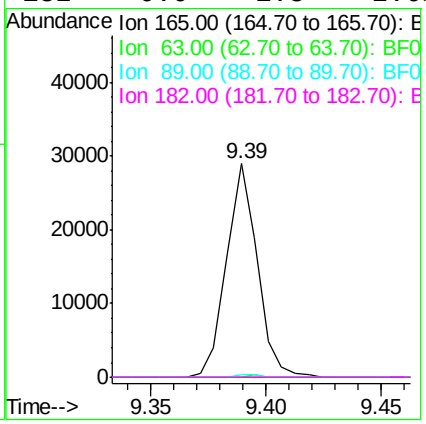


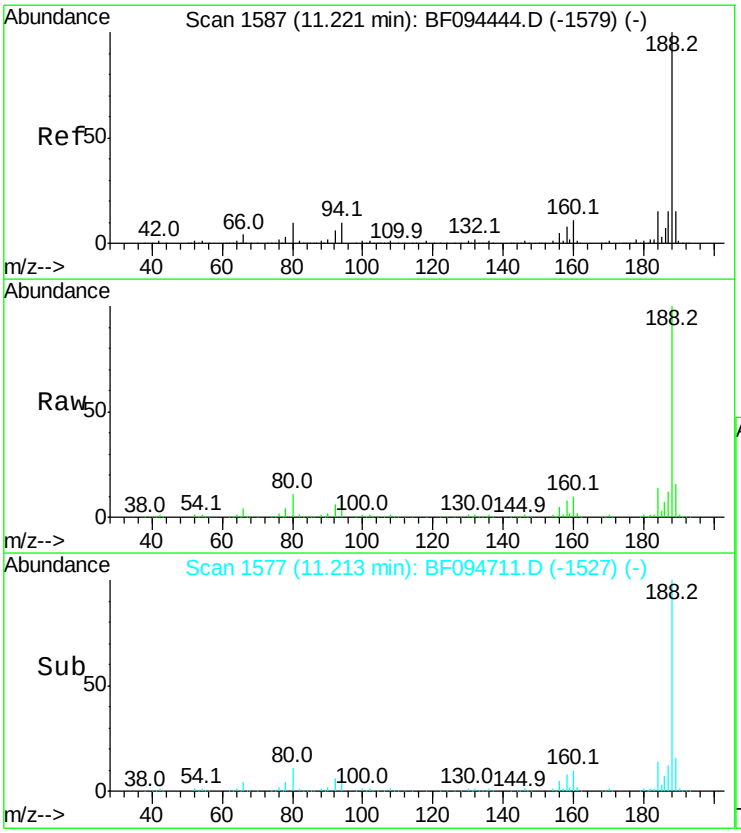
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26966

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

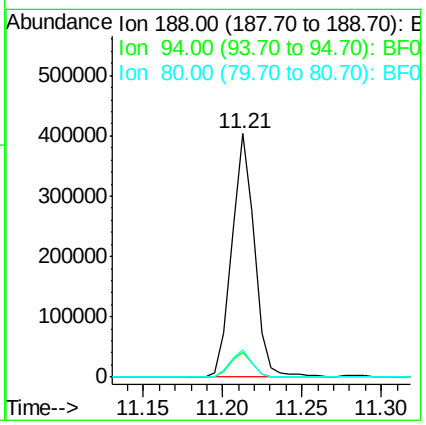


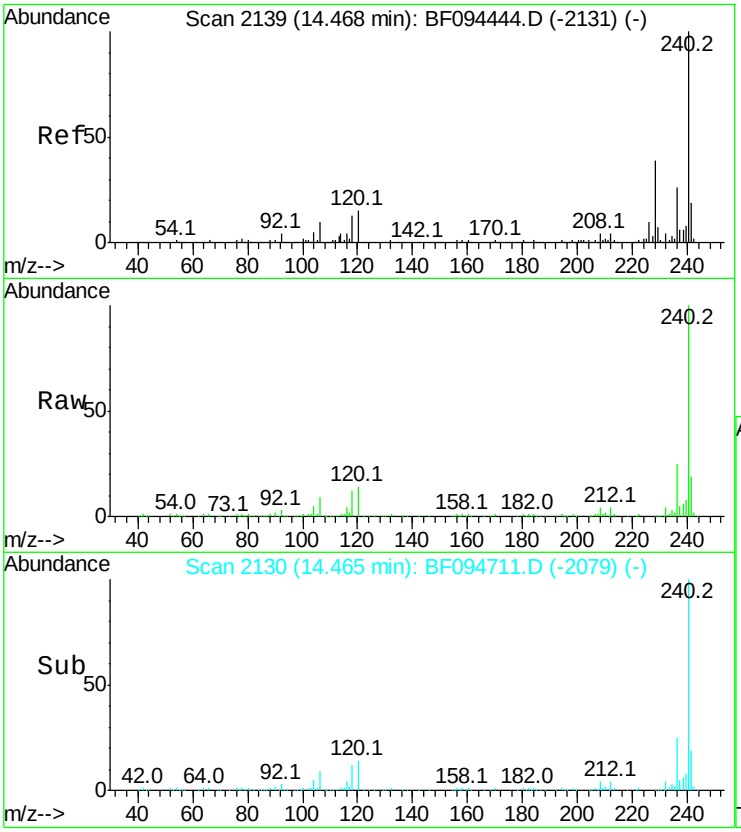


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion:188 Resp: 397090

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.4	10.2	15.2



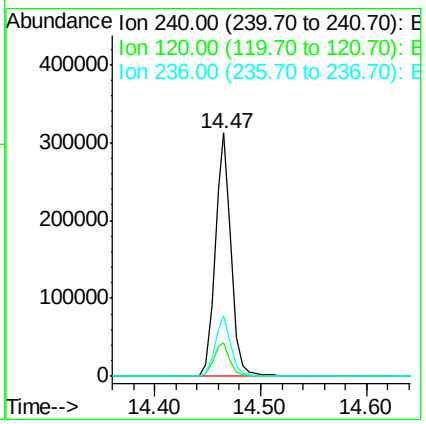


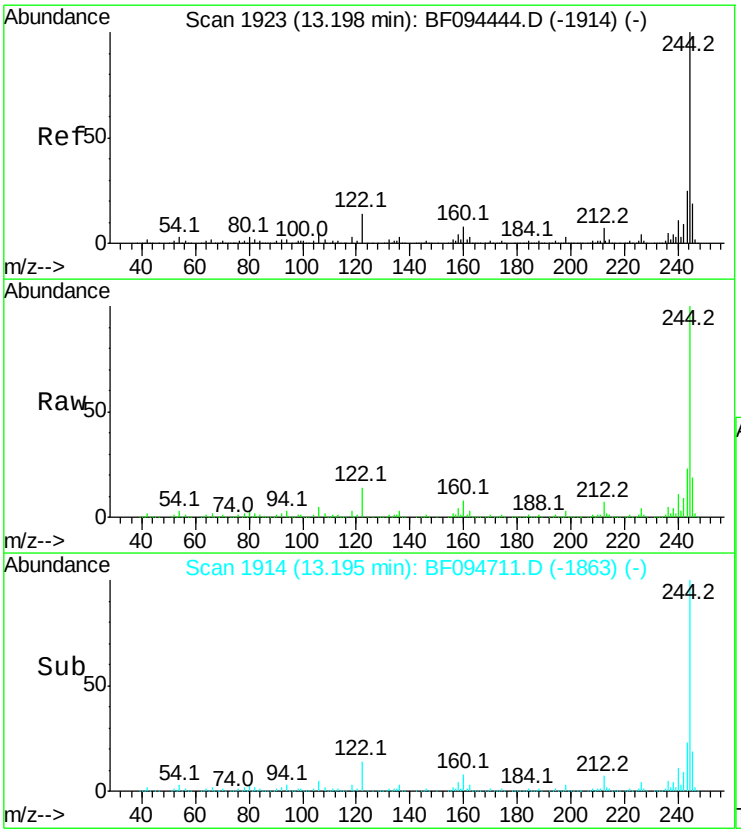
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 330228

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.1	20.5	30.7

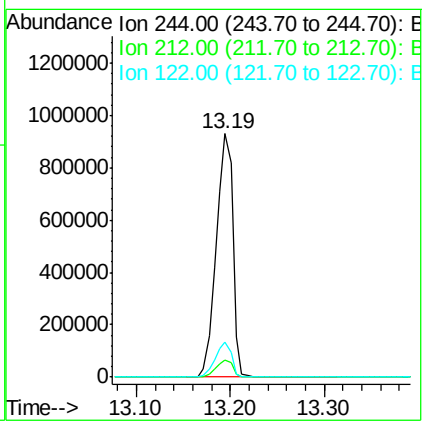


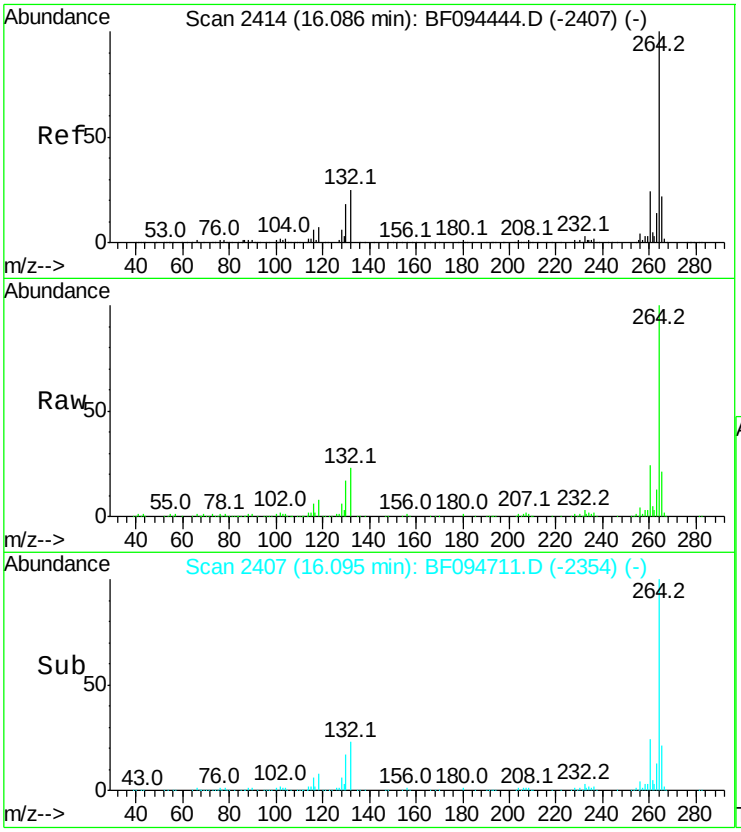


#78
Terphenyl-d14
Concen: 93.28 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Tgt Ion:244 Resp: 1152444

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094711.D
Acq: 30 Apr 2017 13:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 221449

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.2	25.8