Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094694.D
Acq On : 28 Apr 2017 20:04
Operator : SJ/MA
Sample : I2895-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 28 23:06:37 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	113195	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	429709	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	182691	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	278391	20.00	ng	0.00
75) Chrysene-d12	14.47	240	227220	20.00	ng	0.00
86) Perylene-d12	16.10	264	170423	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	984839	144.34	ng	0.03
7) Phenol-d6	5.41	99	1194223	148.47	ng	0.01
23) Nitrobenzene-d5	6.42	82	698732	100.41	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	199265	139.45	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1149099	92.54	ng	0.00
78) Terphenyl-d14	13.19	244	741082	87.18	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.42	70	92671	17.39	ng	# 77
49) Dimethylphthalate	9.08	163	111435	8.18	ng	99
56) 2,4-Dinitrotoluene	9.40	165	24003	6.40	ng	# 31

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

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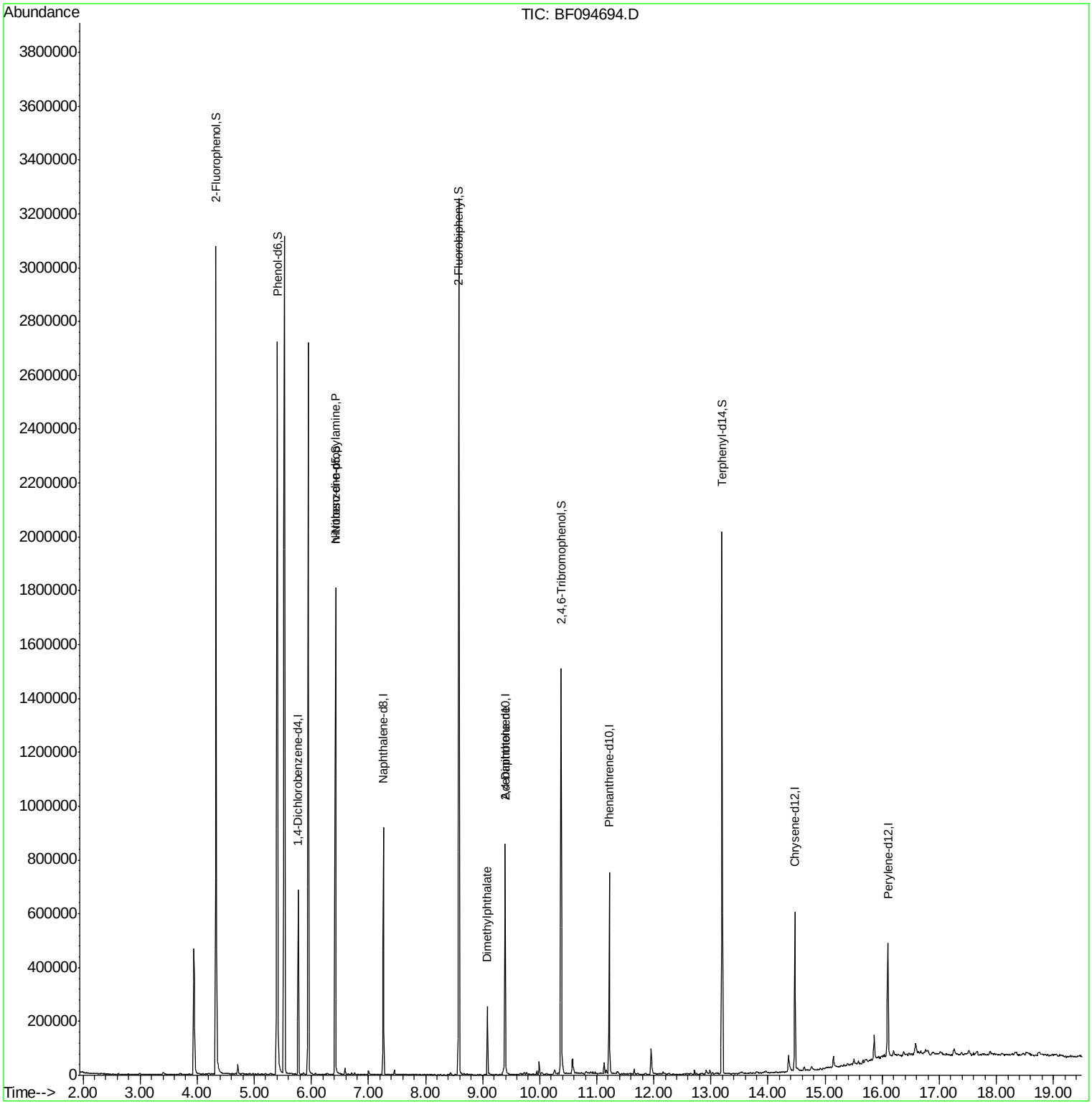
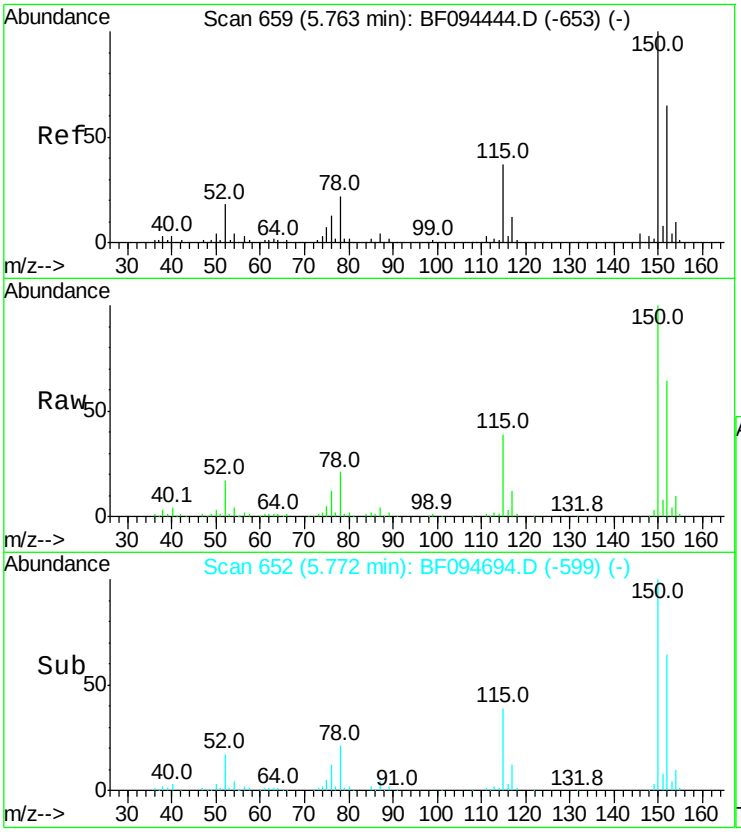


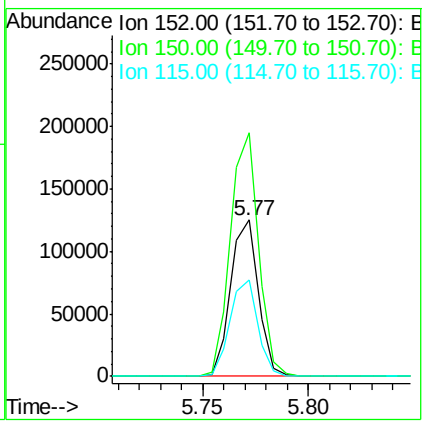


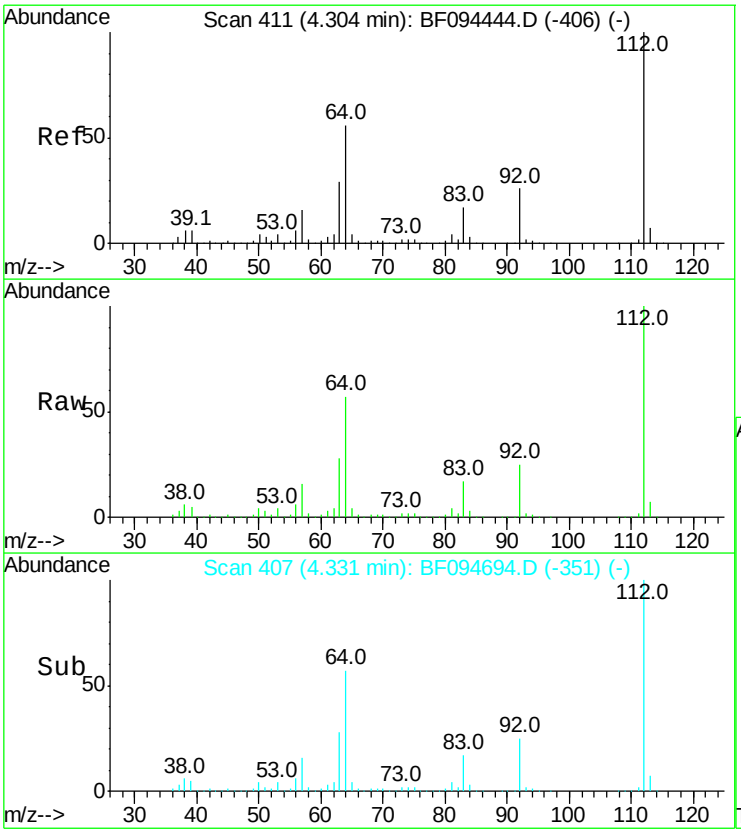
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113195

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	61.4	52.2	78.2

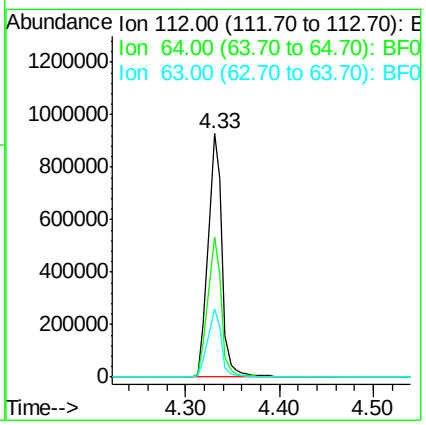


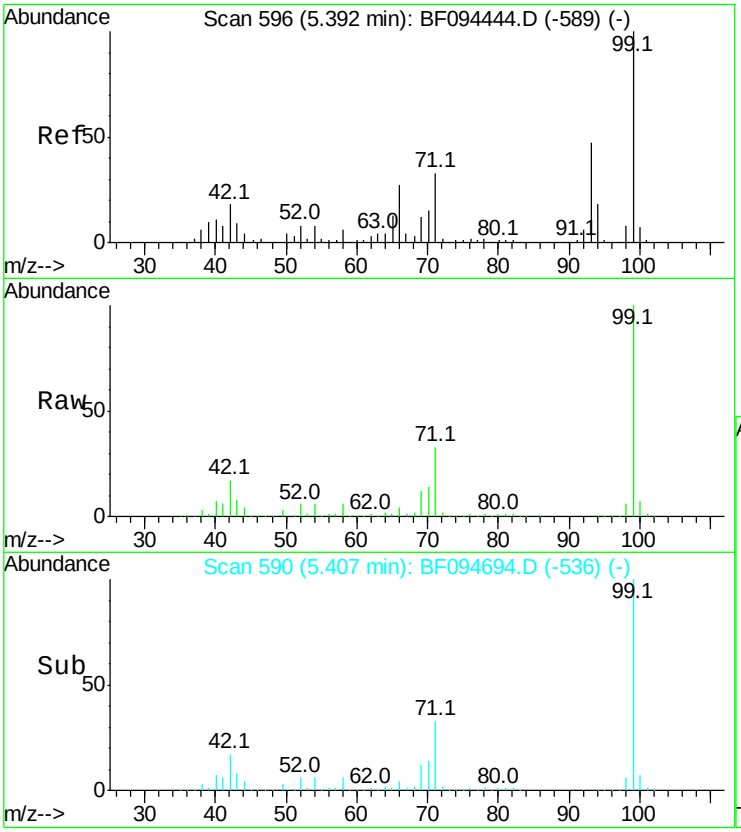


#5
2-Fluorophenol
Concen: 144.34 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion:112 Resp: 984839

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.0	69.0
63	28.1	23.4	35.0



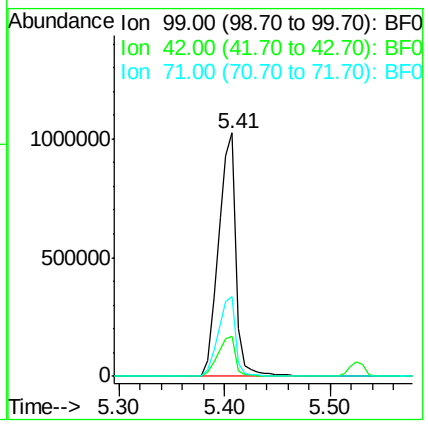


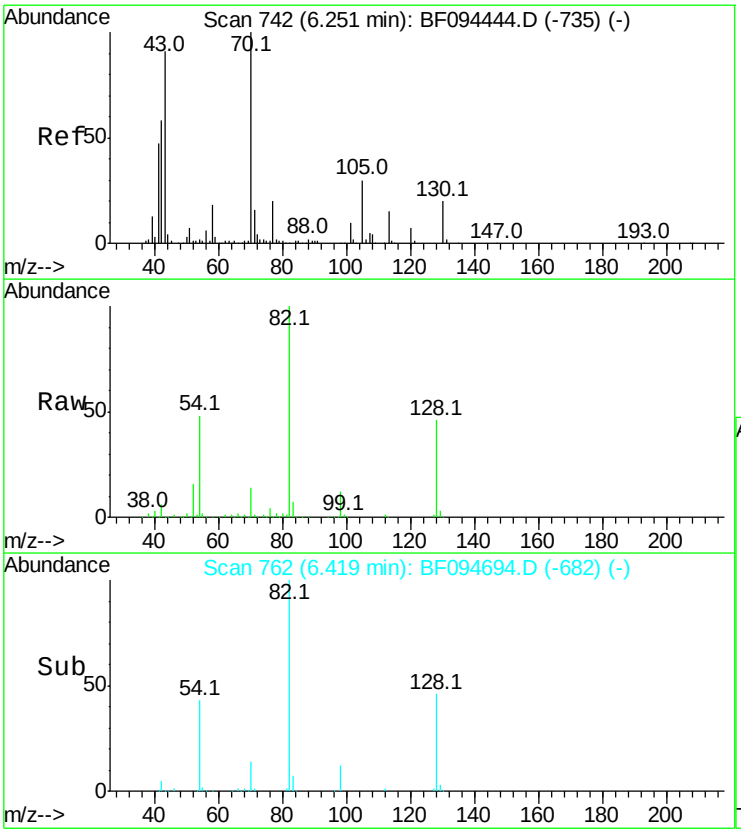
#7
Phenol-d6
Concen: 148.47 ng
RT: 5.41 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1194223

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	32.8	24.5	36.7

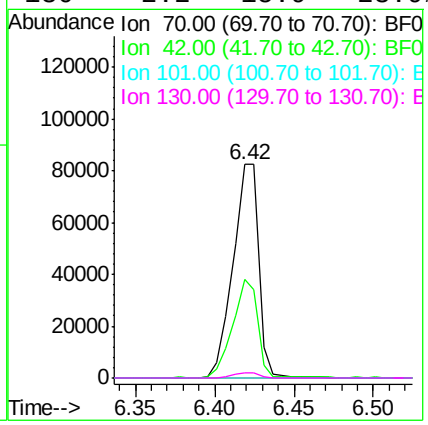


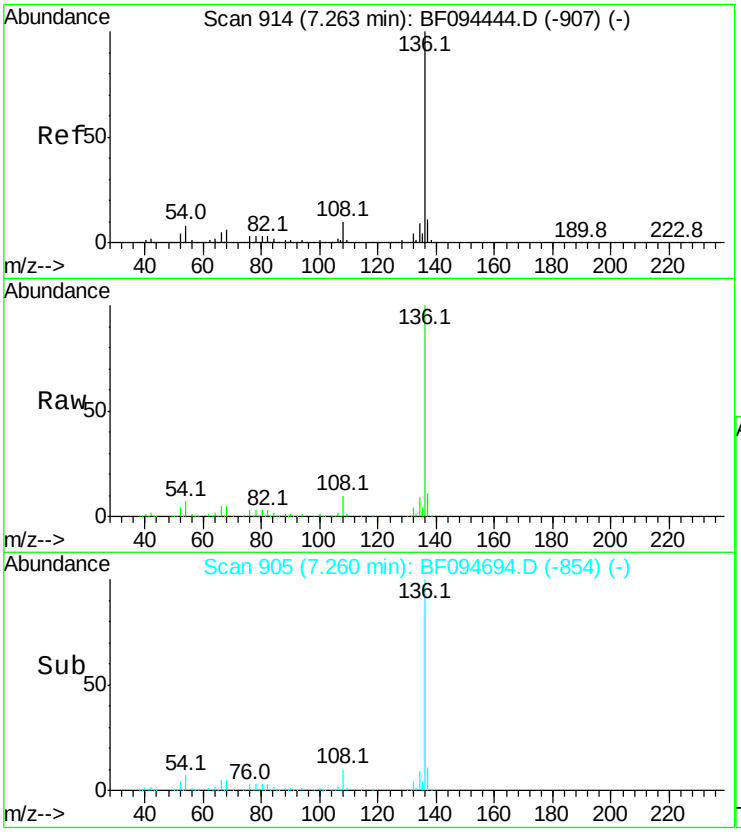


#19
n-Nitroso-di-n-propylamine
Concen: 17.39 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion: 70 Resp: 92671

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



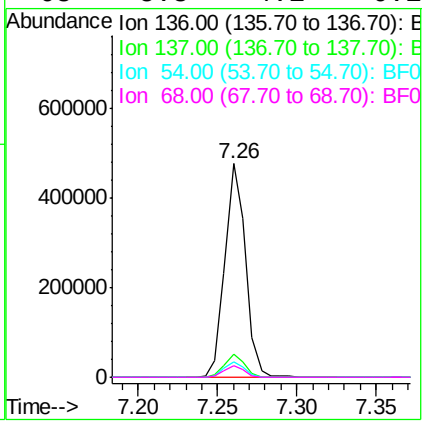


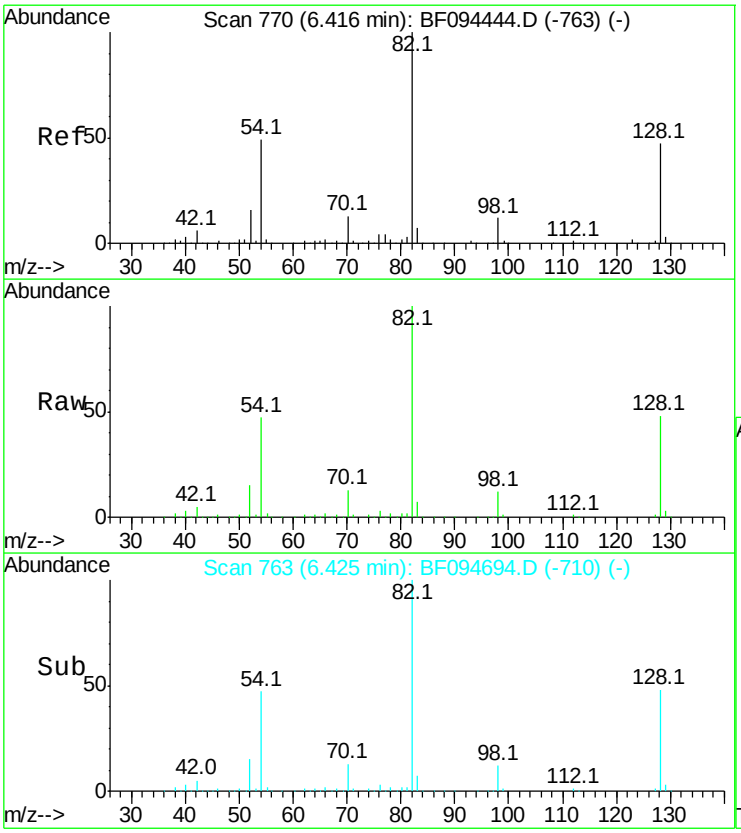
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 429709

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.2	4.9	7.3
68	5.3	4.1	6.1

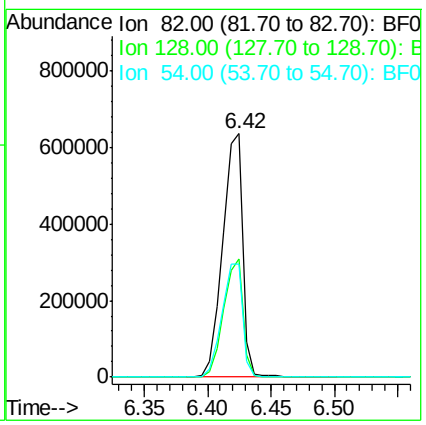


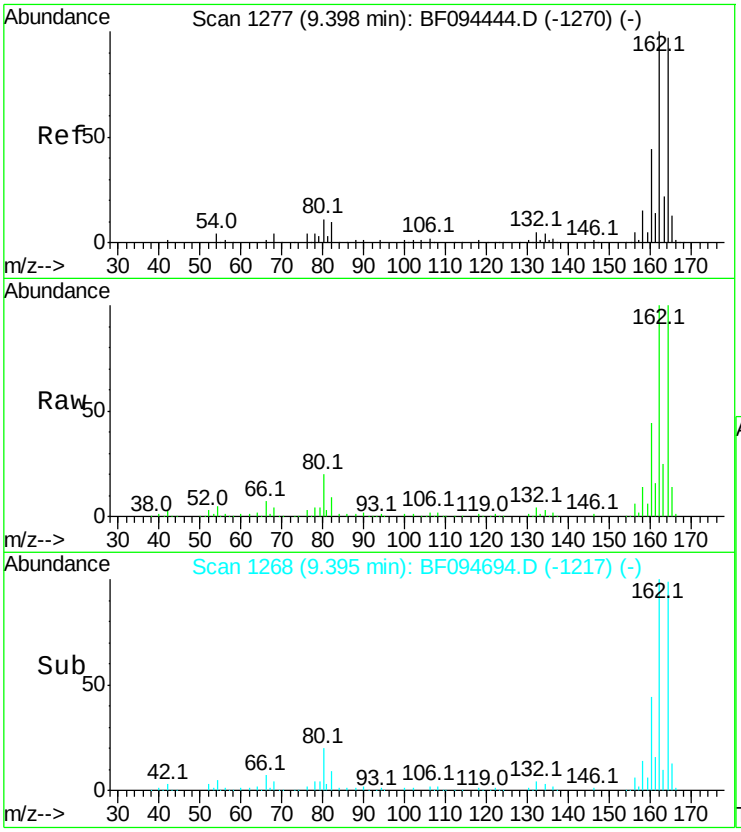


#23
Nitrobenzene-d5
Concen: 100.41 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion: 82 Resp: 698732

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	46.6	42.2	63.2



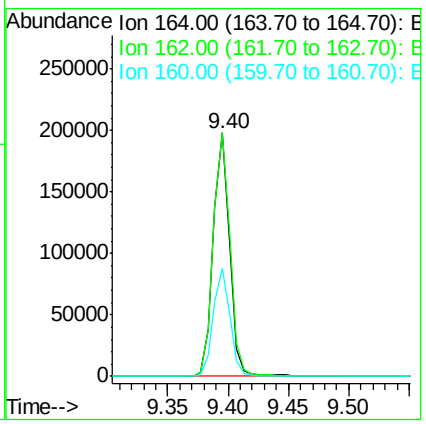


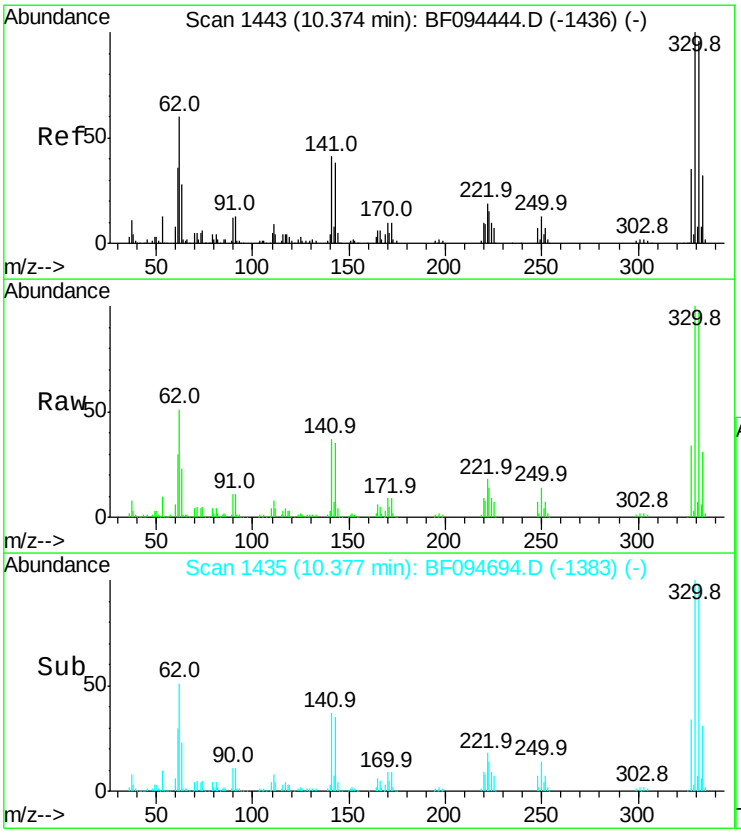
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 182691

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	123.8
160	44.4	36.2	54.2

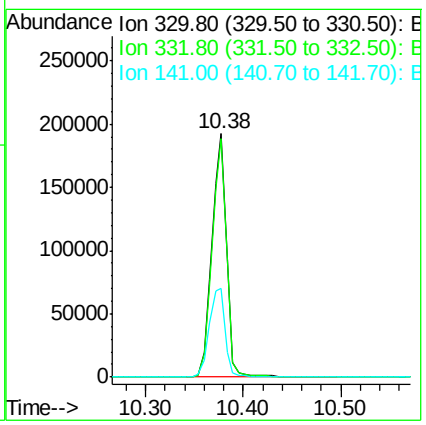


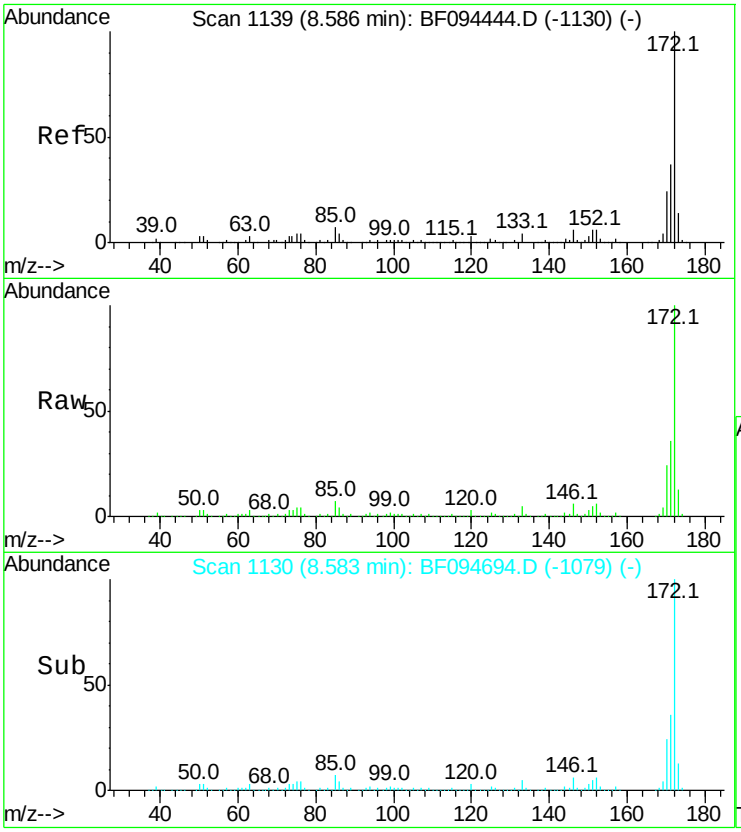


#41
2,4,6-Tribromophenol
Concen: 139.45 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion:330 Resp: 199265

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.6	31.4	47.2



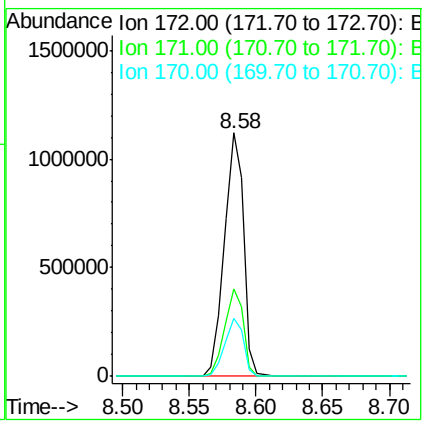


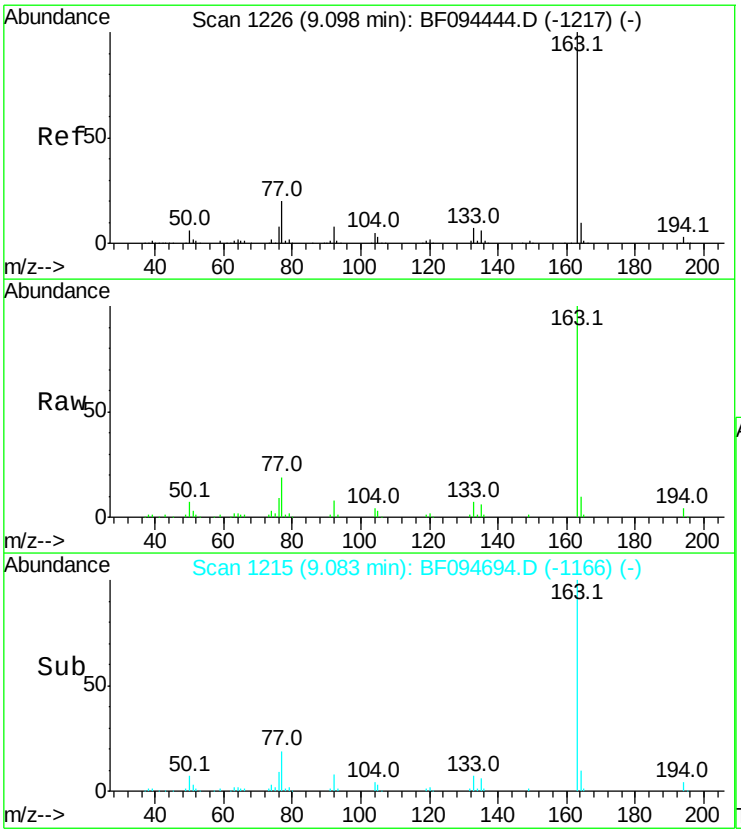
#44
2-Fluorobiphenyl
Concen: 92.54 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1149099

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8

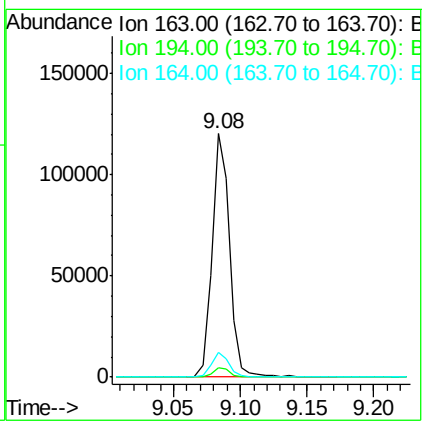


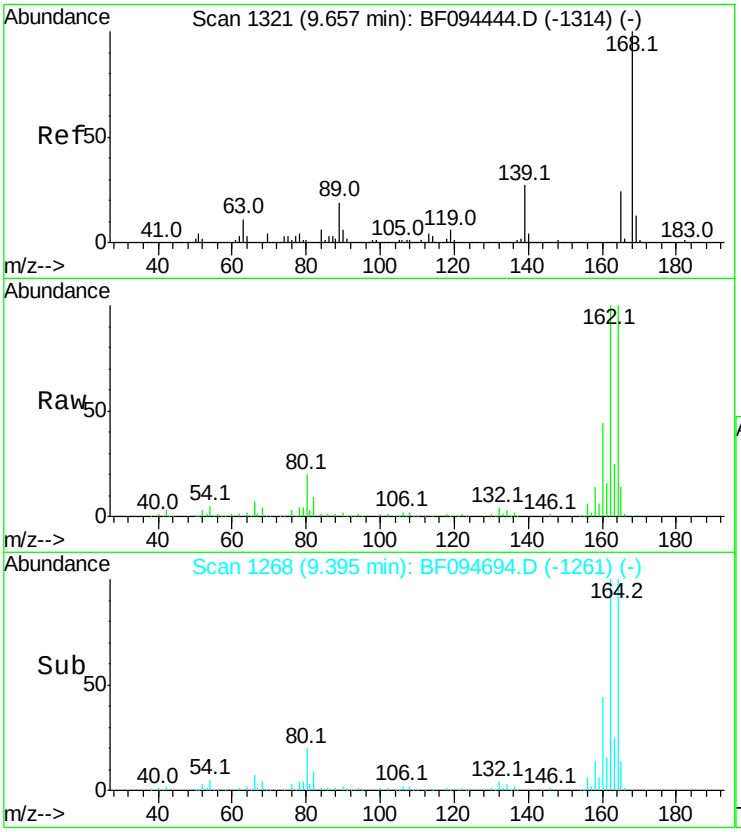


#49
Dimethylphthalate
Concen: 8.18 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion:163 Resp: 111435

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	8.4	12.6



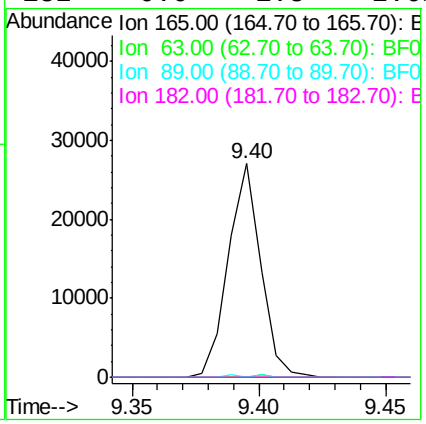


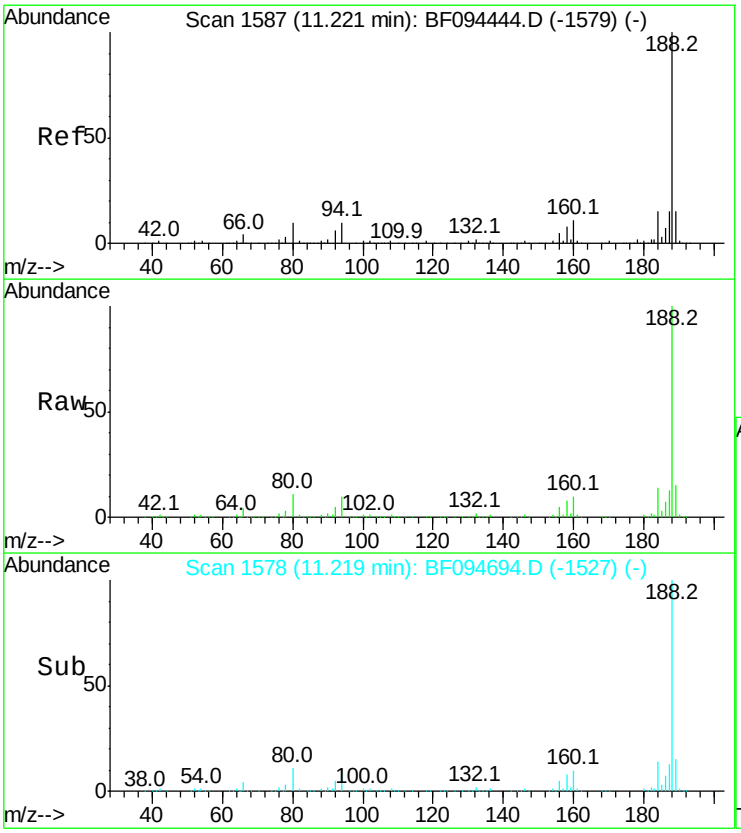
#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.26 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24003

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

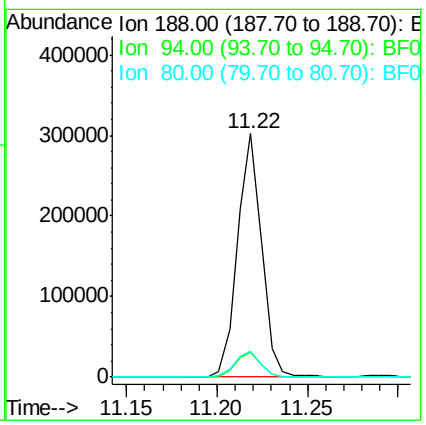


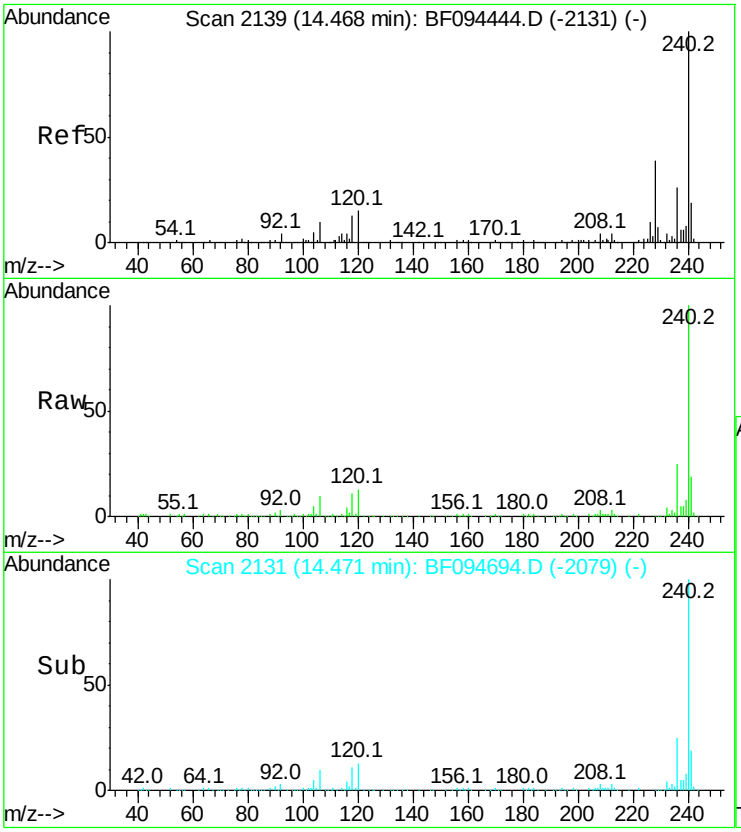


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion:188 Resp: 278391

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.6	10.2	15.2



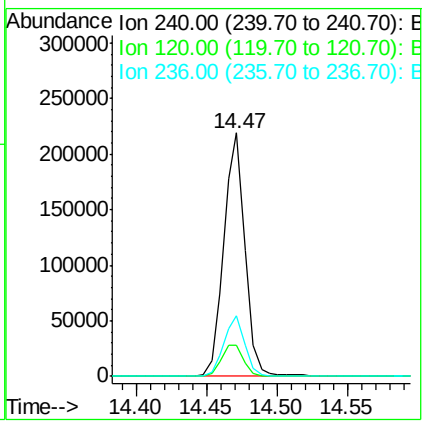


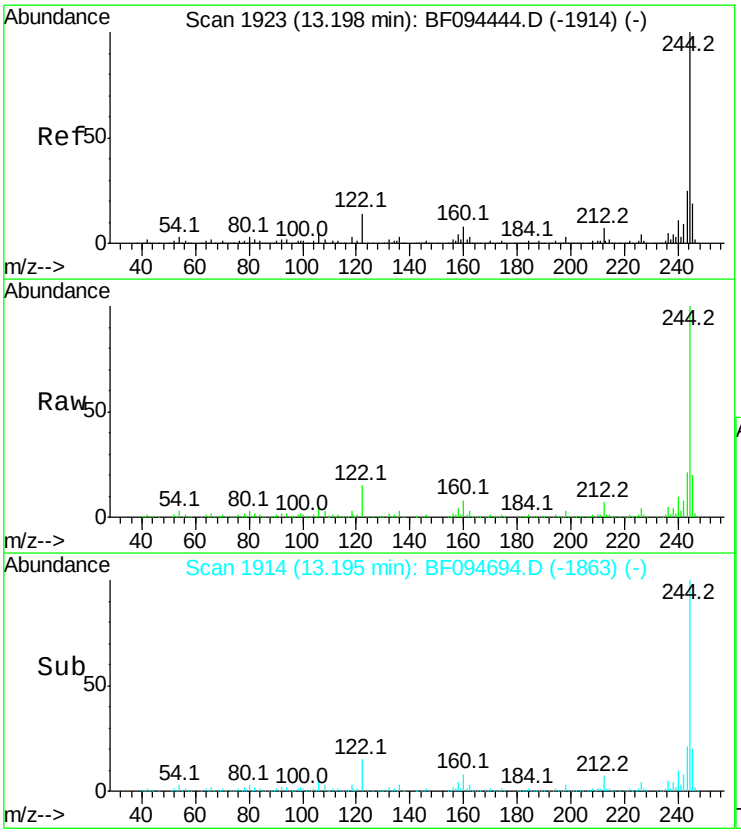
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 227220

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	24.6	20.5	30.7

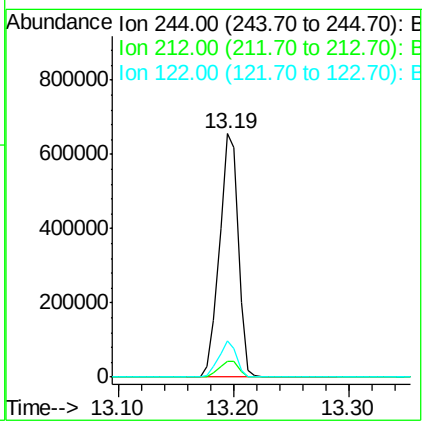


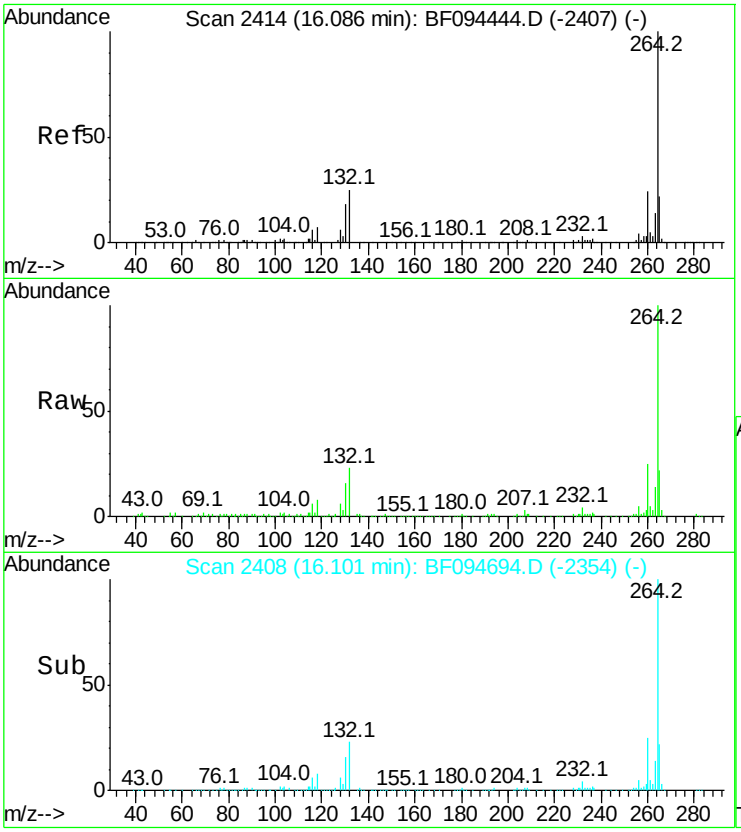


#78
Terphenyl-d14
Concen: 87.18 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion:244 Resp: 741082

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.7	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 170423

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.2	25.8