Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094412.D
Acq On : 14 Apr 2017 1:13
Operator : SJ/MA
Sample : I2672-01 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 14 03:05:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	145256	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	555286	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	231309	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	358201	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	276642	20.00	ng	-0.06
86) Perylene-d12	16.12	264	217845	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	18270	2.12	ng	-0.04
7) Phenol-d6	5.41	99	23790	2.24	ng	-0.05
23) Nitrobenzene-d5	6.43	82	12671	1.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	2462	1.35	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	25124	1.66	ng	-0.05
78) Terphenyl-d14	13.22	244	16418	1.33	ng	-0.06
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.42	165	28238	7.49	ng	# 34
56) 2,4-Dinitrotoluene	9.42	165	28238	5.96	ng	# 33

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

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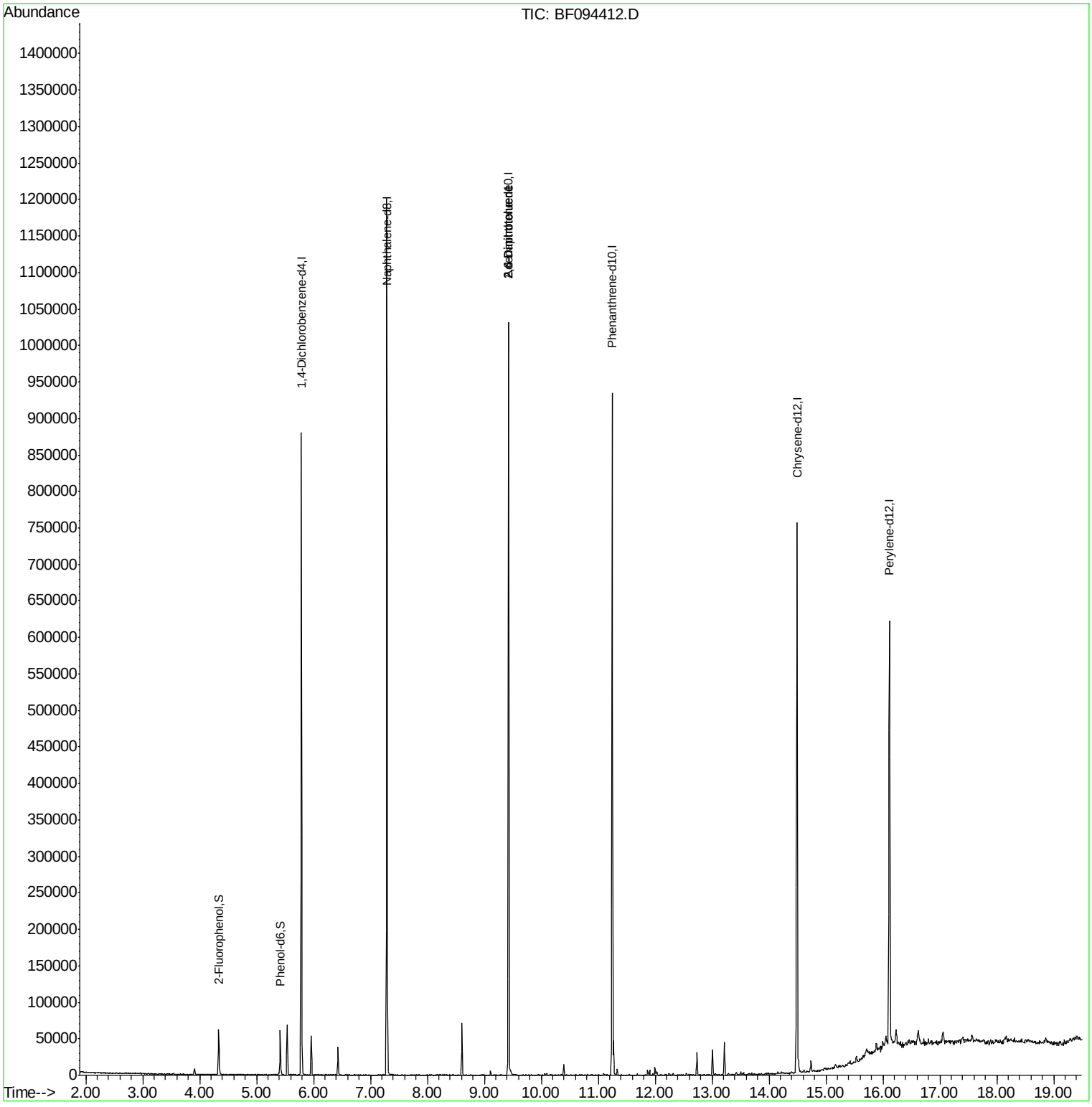
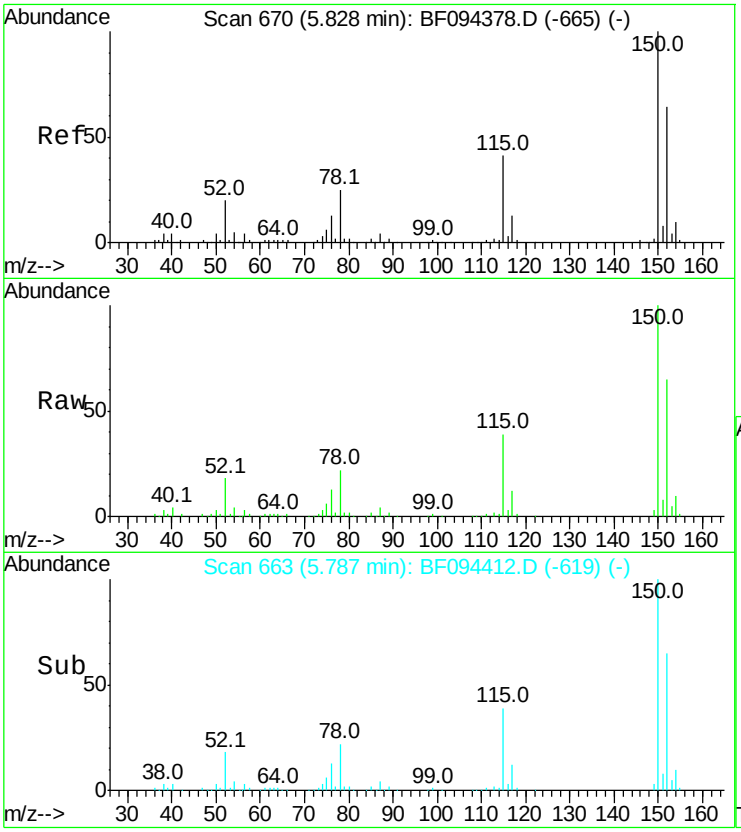


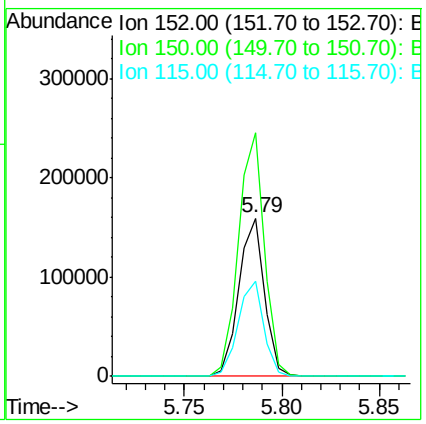


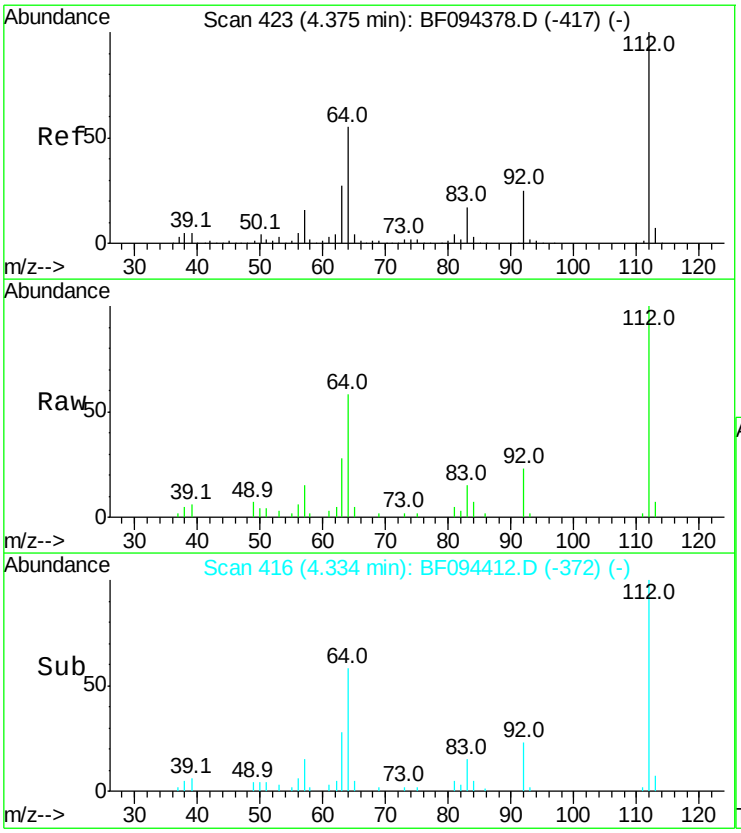
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145256

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	59.9	52.2	78.2

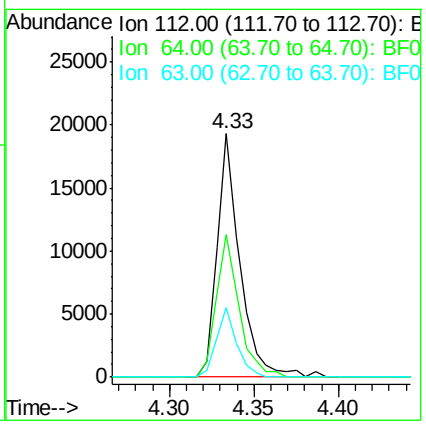


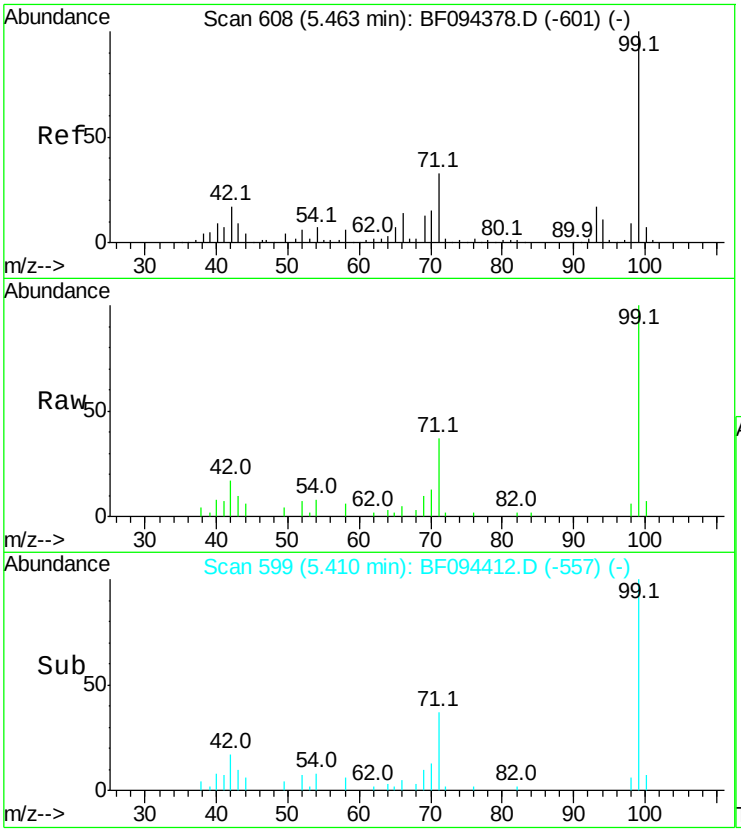


#5
2-Fluorophenol
Concen: 2.12 ng
RT: 4.33 min Scan# 416
Delta R.T. -0.04 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:112 Resp: 18270

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	28.3	23.4	35.0



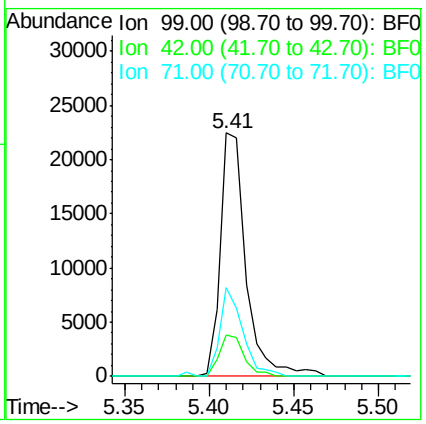


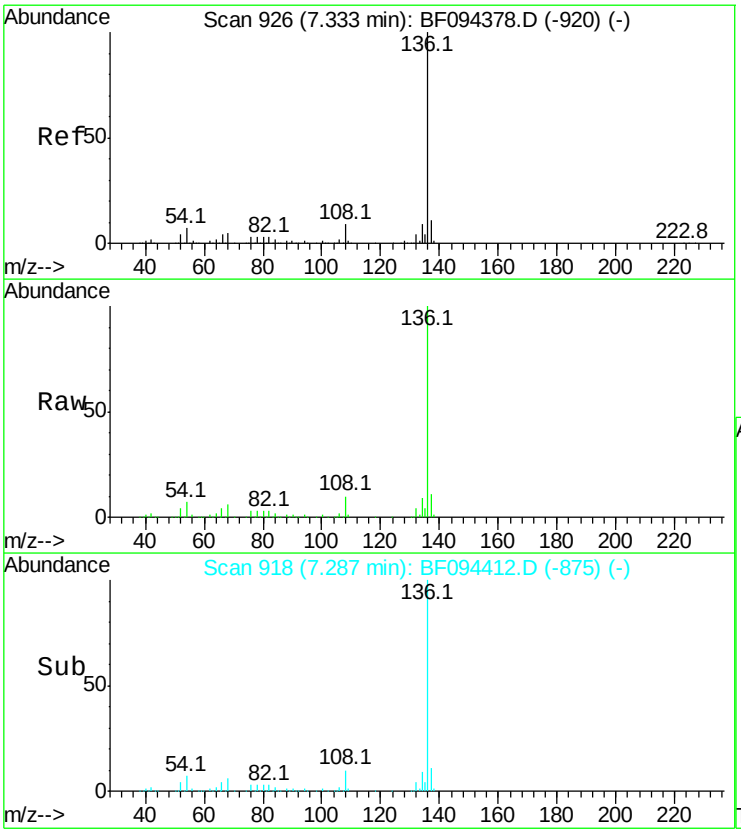
#7
Phenol-d6
Concen: 2.24 ng
RT: 5.41 min Scan# 599
Delta R.T. -0.05 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 23790

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	36.7	24.5	36.7

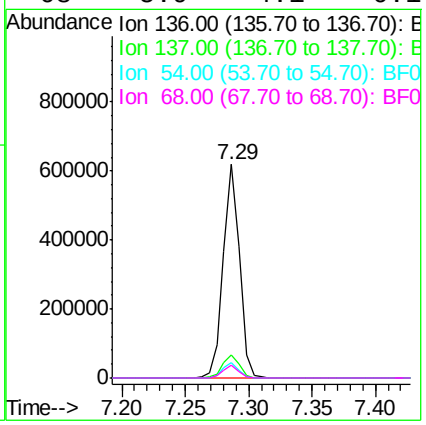


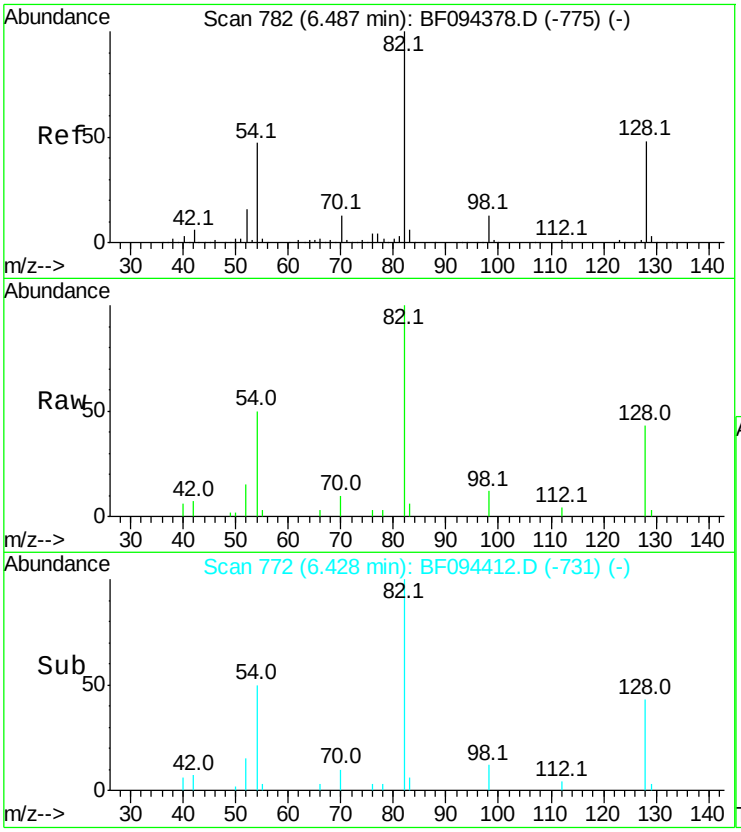


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.29 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:136 Resp: 555286

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.3	4.9	7.3
68	5.9	4.1	6.1



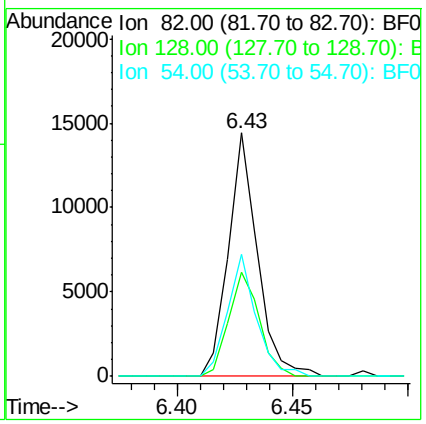


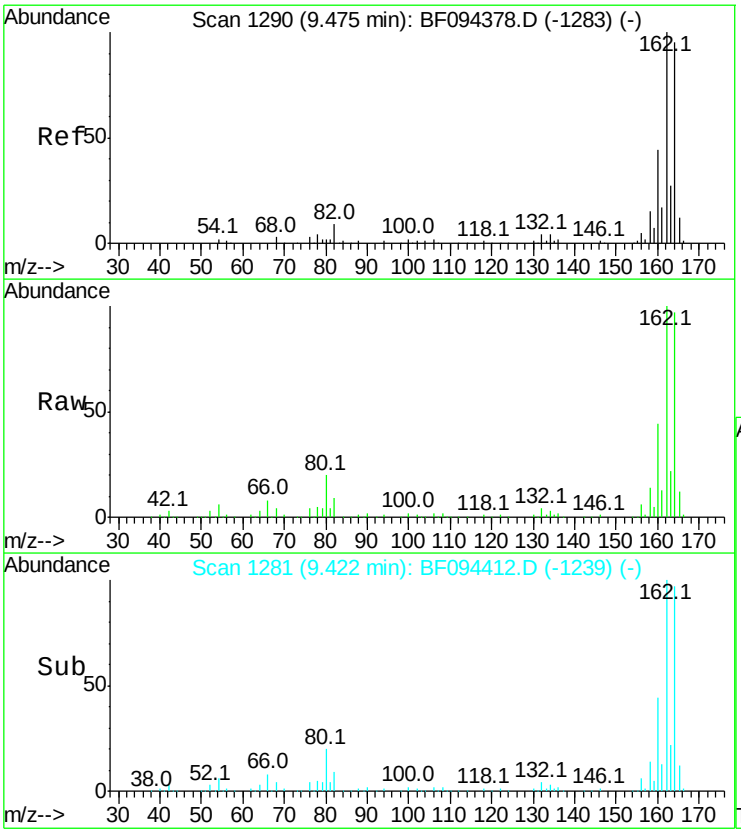
#23
Nitrobenzene-d5
Concen: 1.30 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.06 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 12671

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	49.9	42.2	63.2

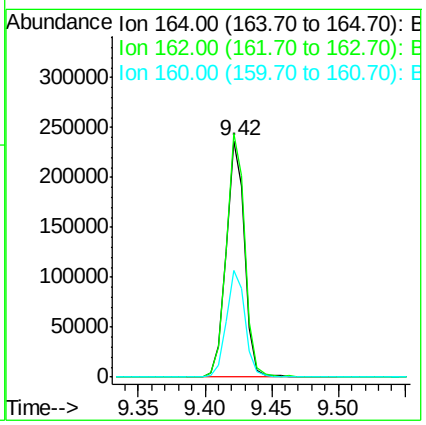


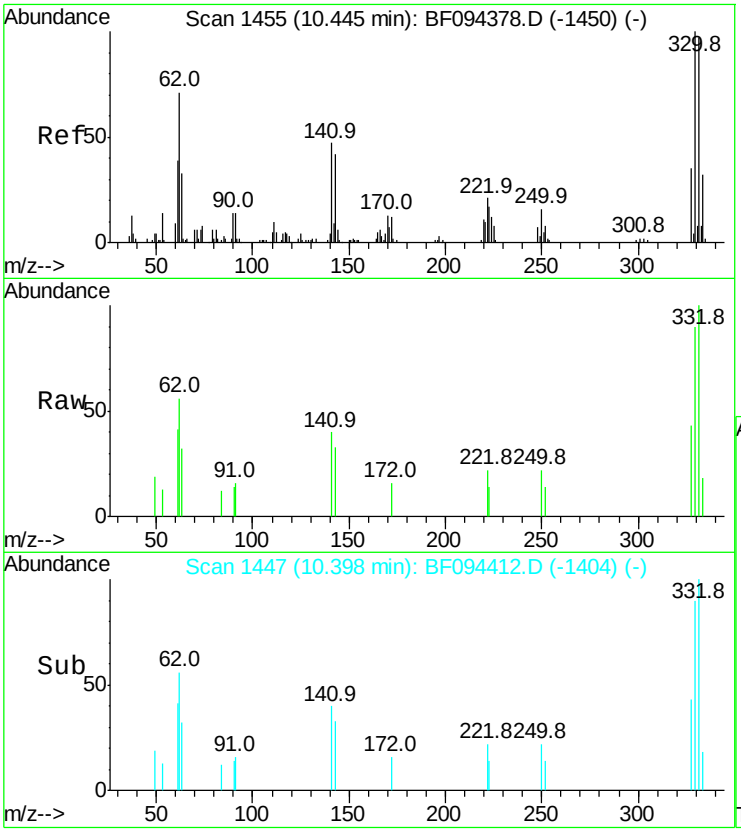


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:164 Resp: 231309

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.0	36.2	54.2



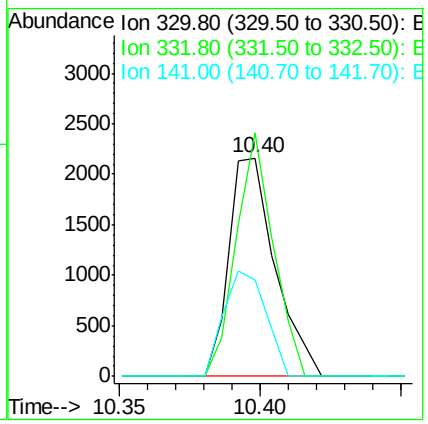


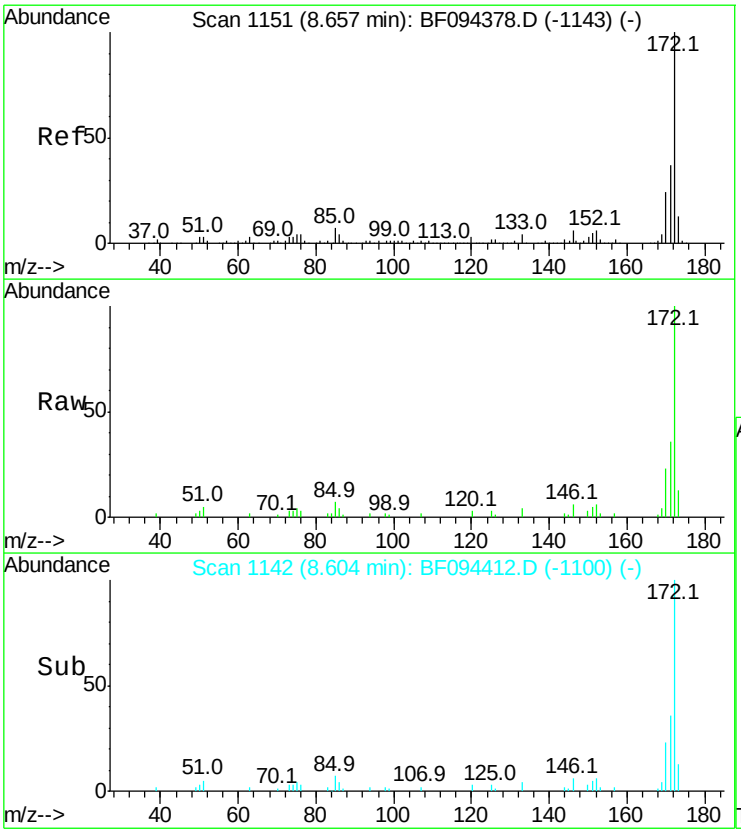
#41
2,4,6-Tribromophenol
Concen: 1.35 ng
RT: 10.40 min Scan# 1447
Delta R.T. -0.05 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 2462

Ion	Ratio	Lower	Upper
330	100		
332	89.2	76.6	115.0
141	43.6	31.4	47.2

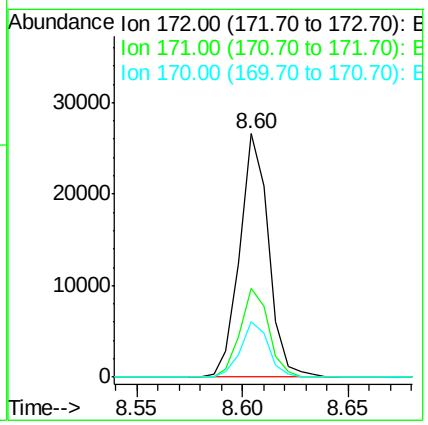


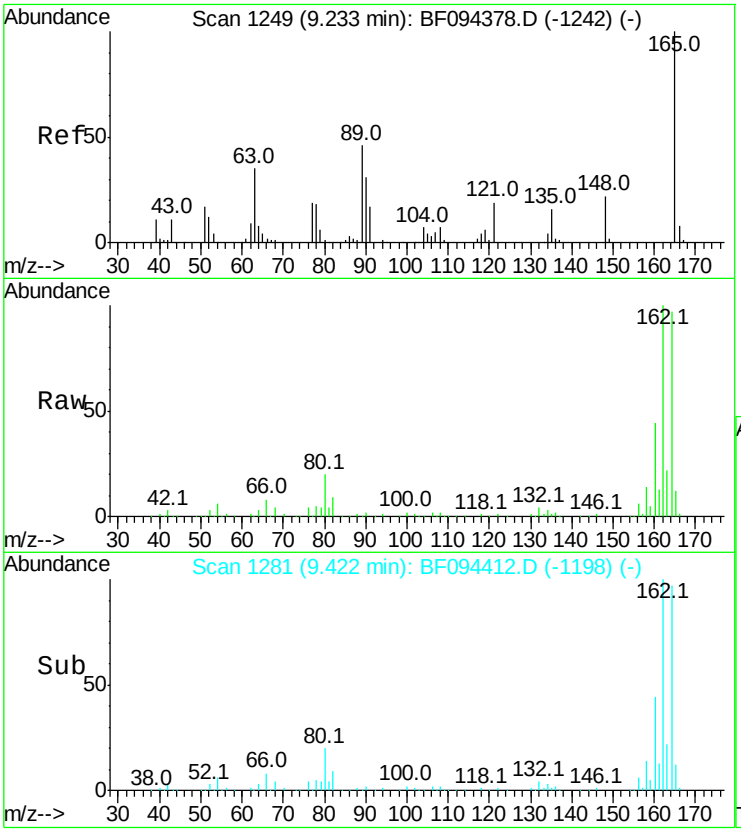


#44
2-Fluorobiphenyl
Concen: 1.66 ng
RT: 8.60 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:172 Resp: 25124

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	22.6	19.8	29.8



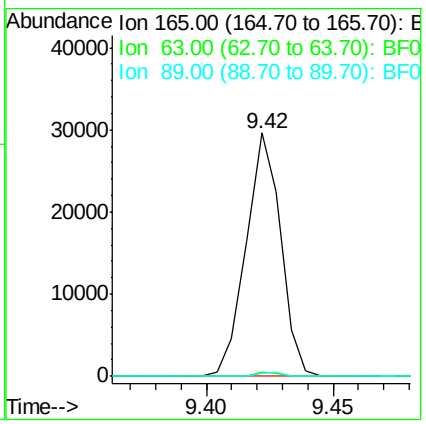


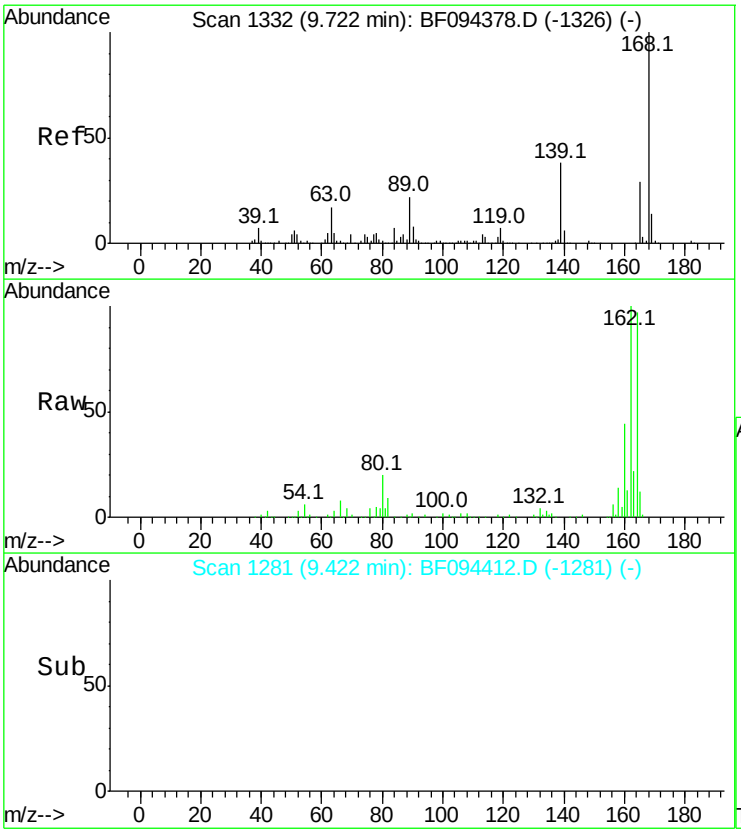
#50
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.42 min Scan# 1281
Delta R.T. 0.19 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28238

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.2	37.1	55.7#

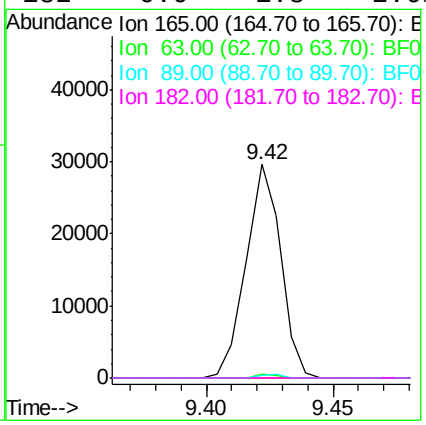


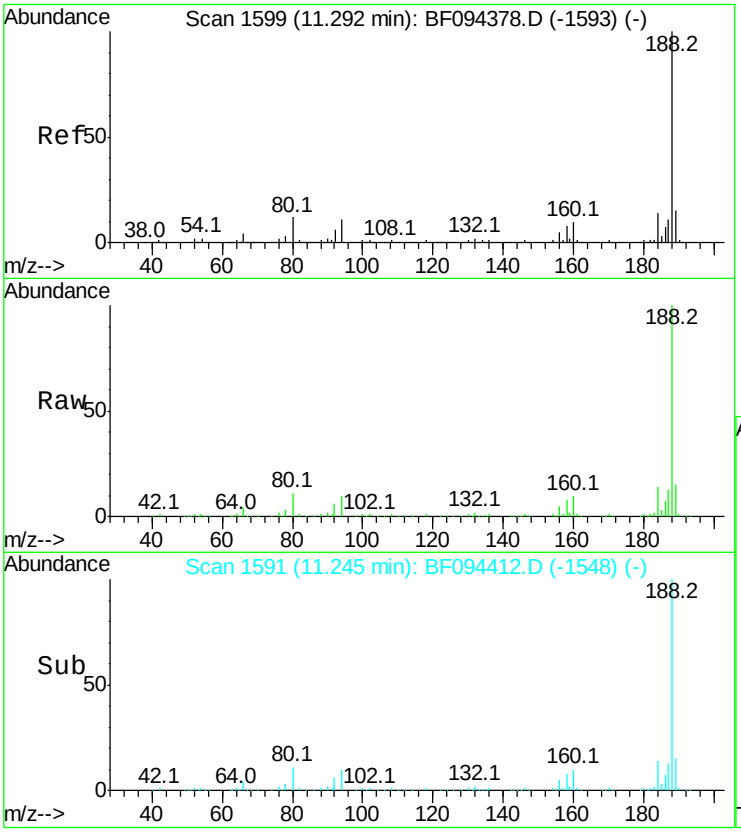


#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.30 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:165 Resp: 28238

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



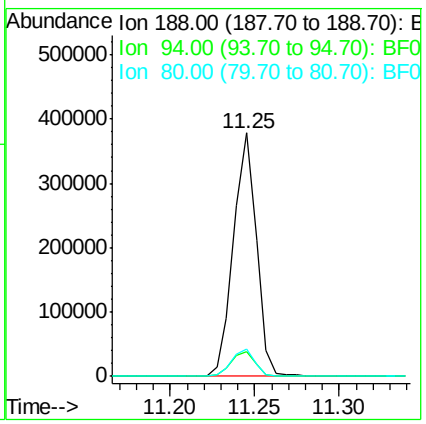


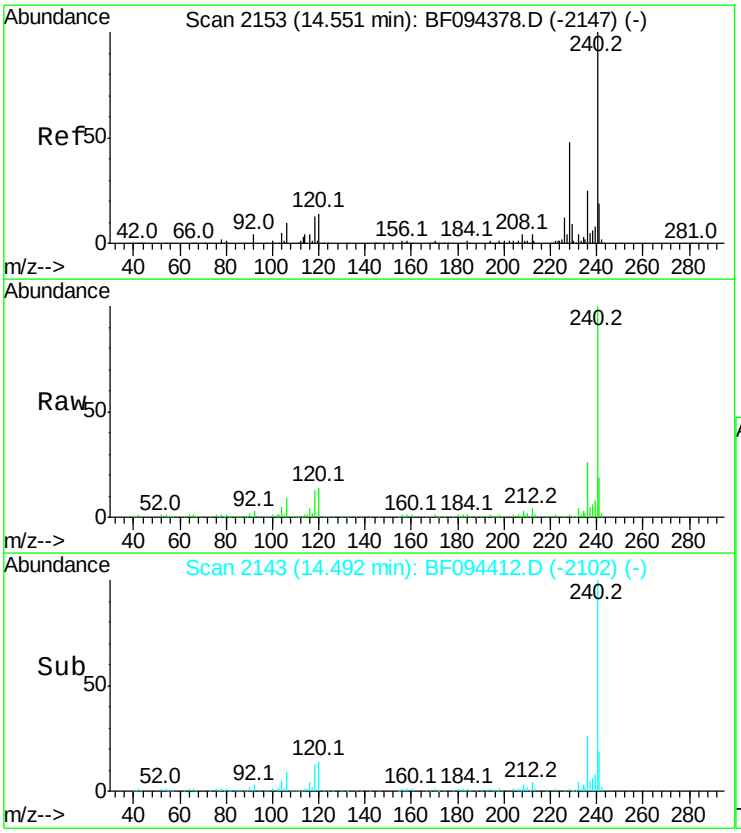
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 358201

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

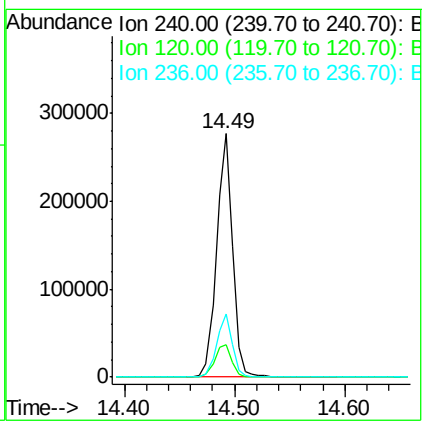


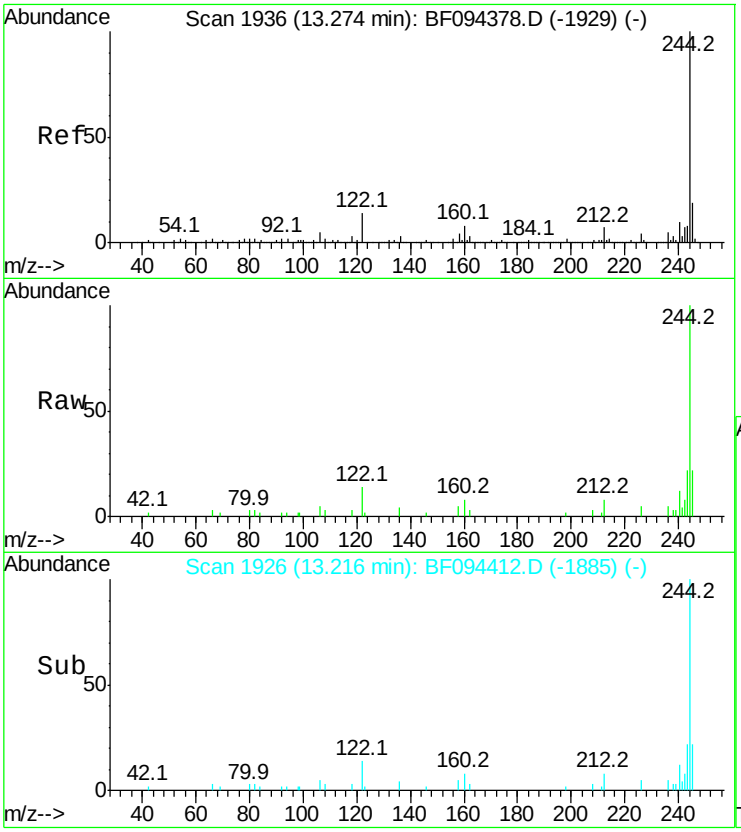


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:240 Resp: 276642

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.9	20.5	30.7



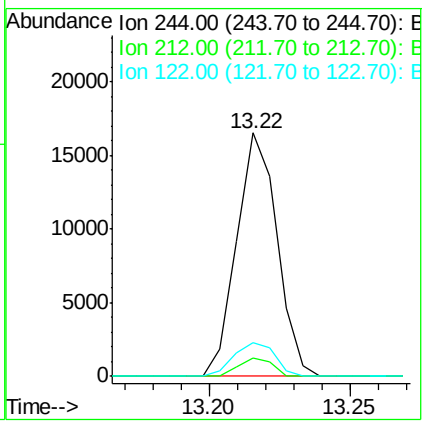


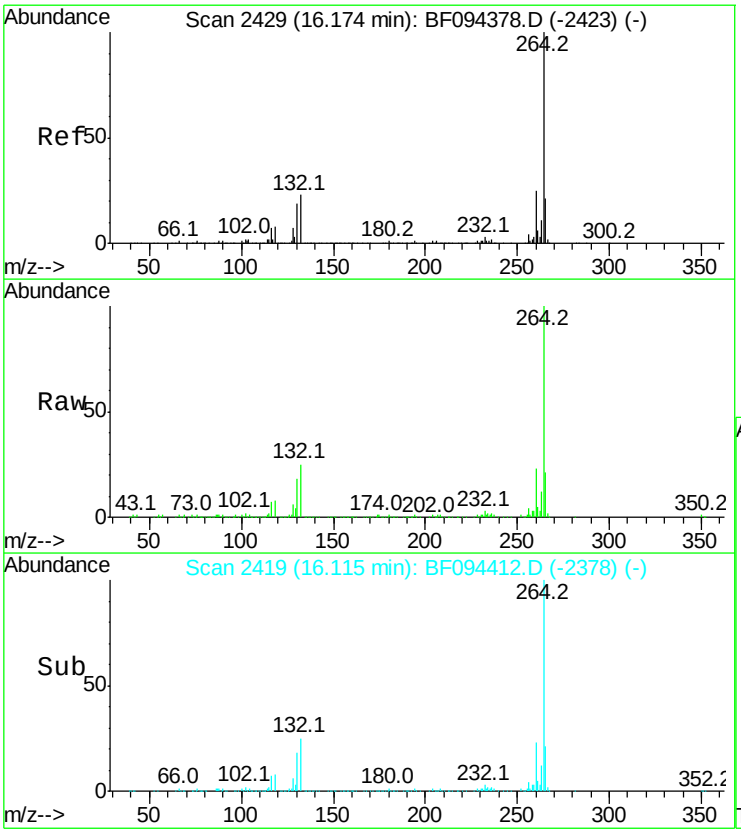
#78
Terphenyl-d14
Concen: 1.33 ng
RT: 13.22 min Scan# 1926
Delta R.T. -0.06 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 16418

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.1	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.06 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:264 Resp: 217845

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	17.2	25.8