Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094415.D
Acq On : 14 Apr 2017 3:36
Operator : SJ/MA
Sample : I2672-07 50X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 14 04:36:36 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	146448	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	564084	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	232950	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	357059	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	274098	20.00	ng	-0.06
86) Perylene-d12	16.12	264	216830	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	17108	1.97	ng	-0.04
7) Phenol-d6	5.41	99	22076	2.06	ng	-0.05
23) Nitrobenzene-d5	6.43	82	11845	1.20	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	2137	1.16	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	25321	1.66	ng	-0.05
78) Terphenyl-d14	13.22	244	15204	1.24	ng	-0.06
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.42	165	29899	7.88	ng	# 31
56) 2,4-Dinitrotoluene	9.42	165	29900	6.27	ng	# 31

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

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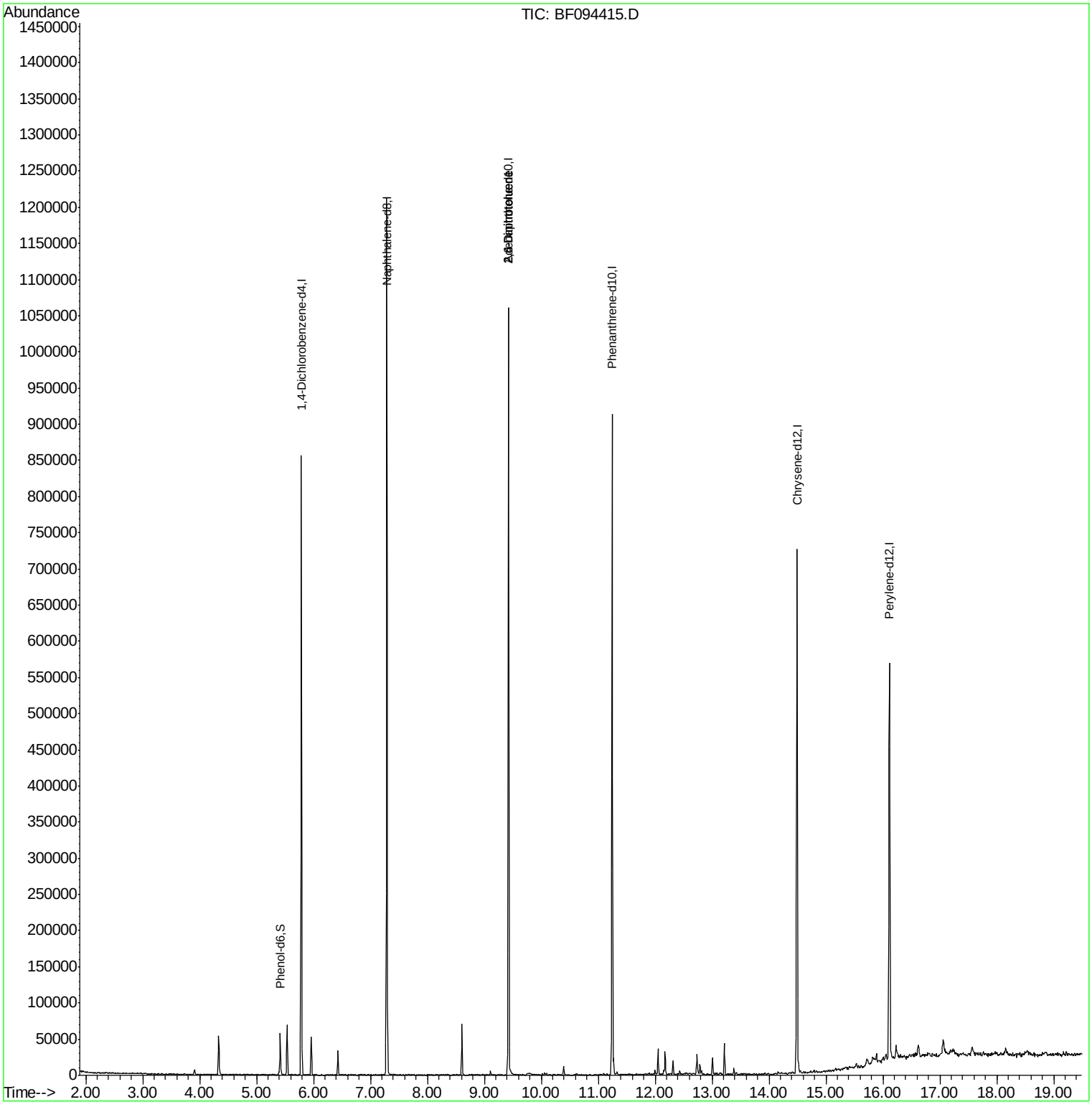
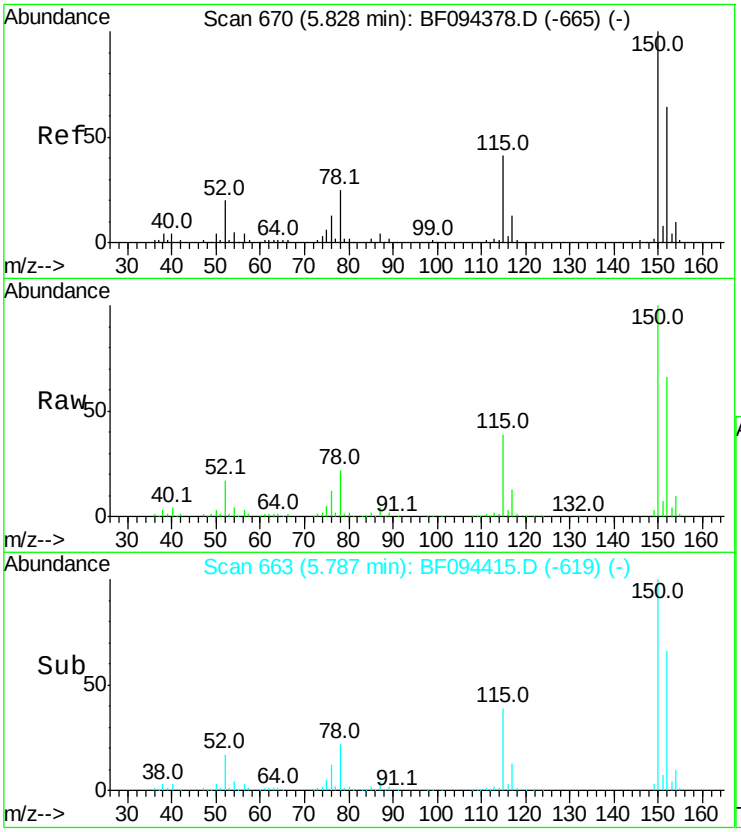


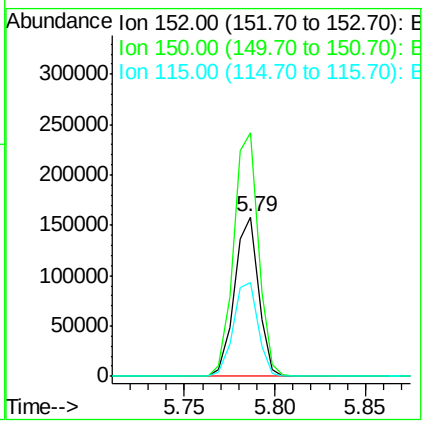


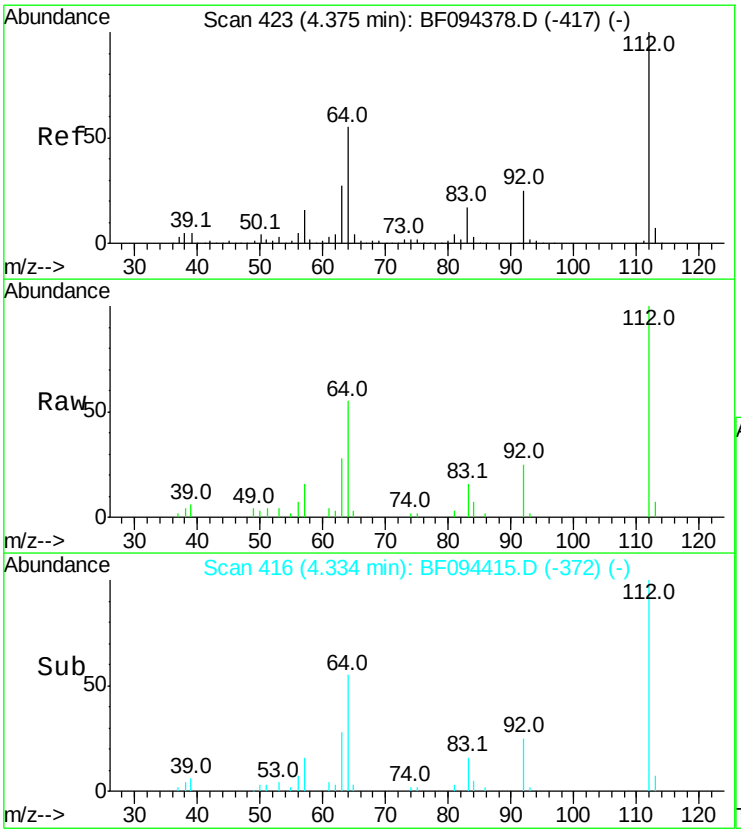
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146448

Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.2
115	59.0	52.2	78.2

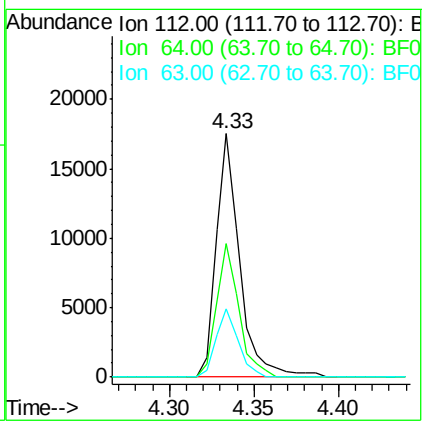


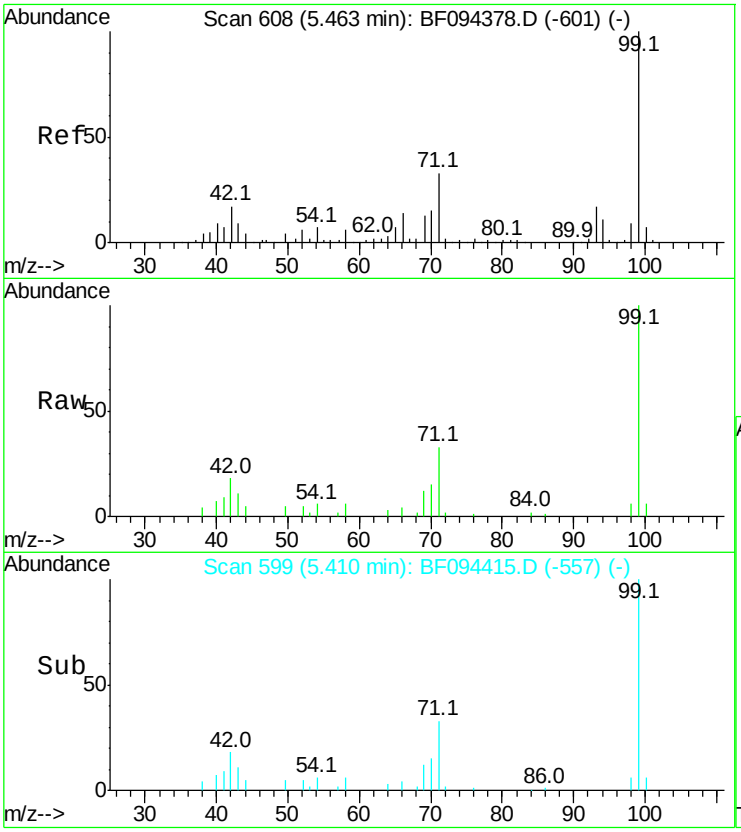


#5
2-Fluorophenol
Concen: 1.97 ng
RT: 4.33 min Scan# 416
Delta R.T. -0.04 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:112 Resp: 17108

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	28.0	23.4	35.0



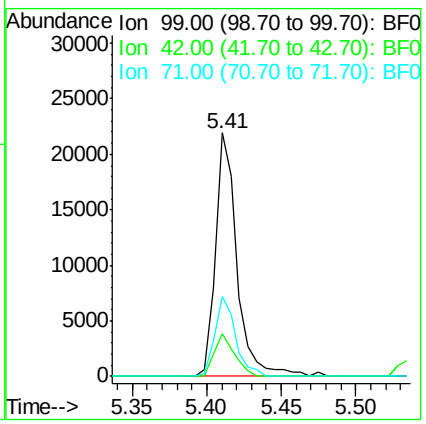


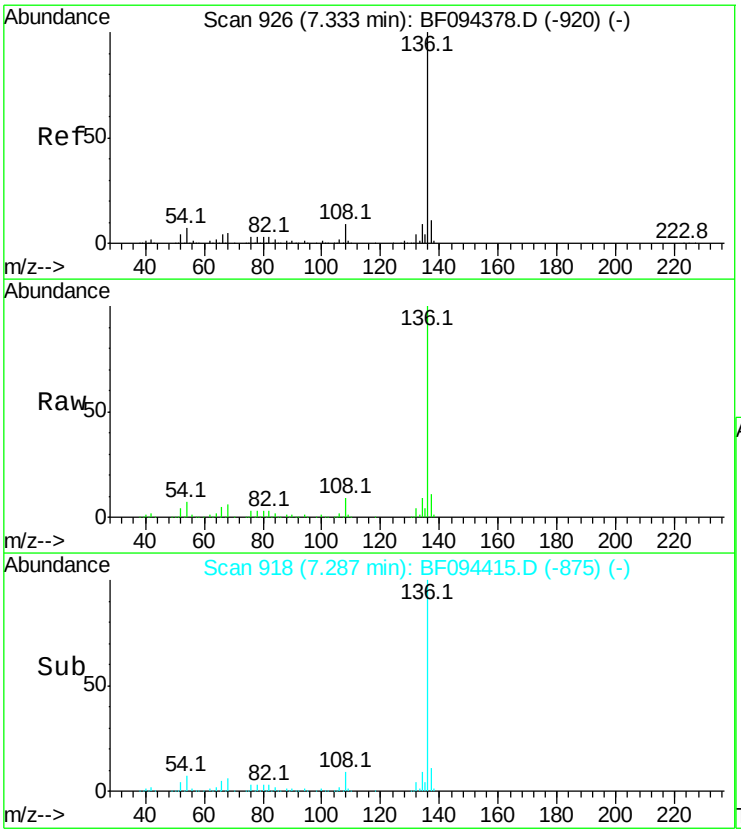
#7
Phenol-d6
Concen: 2.06 ng
RT: 5.41 min Scan# 599
Delta R.T. -0.05 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 22076

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	32.8	24.5	36.7

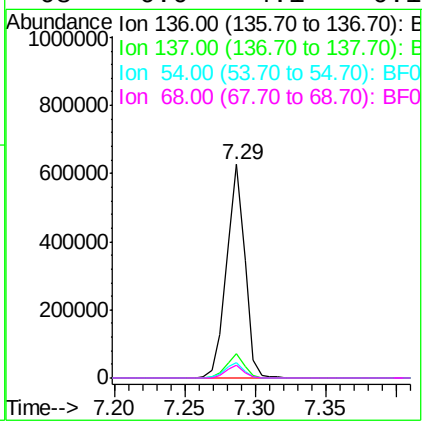


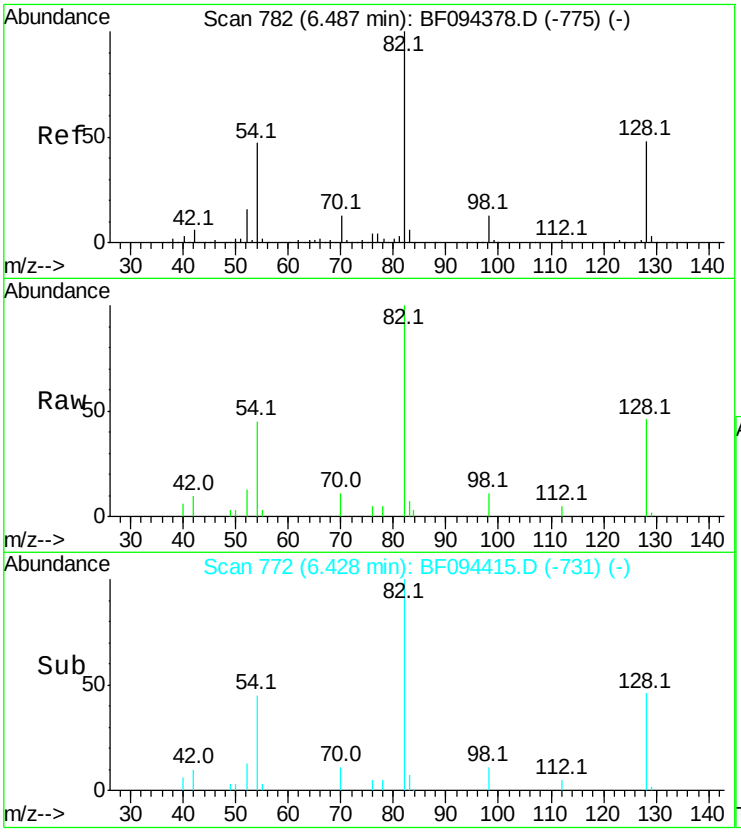


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.29 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:136 Resp: 564084

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.9	4.9	7.3
68	6.0	4.1	6.1



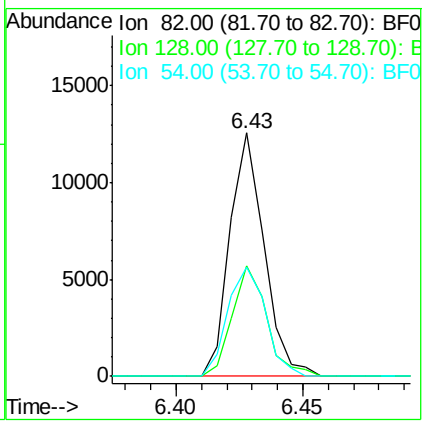


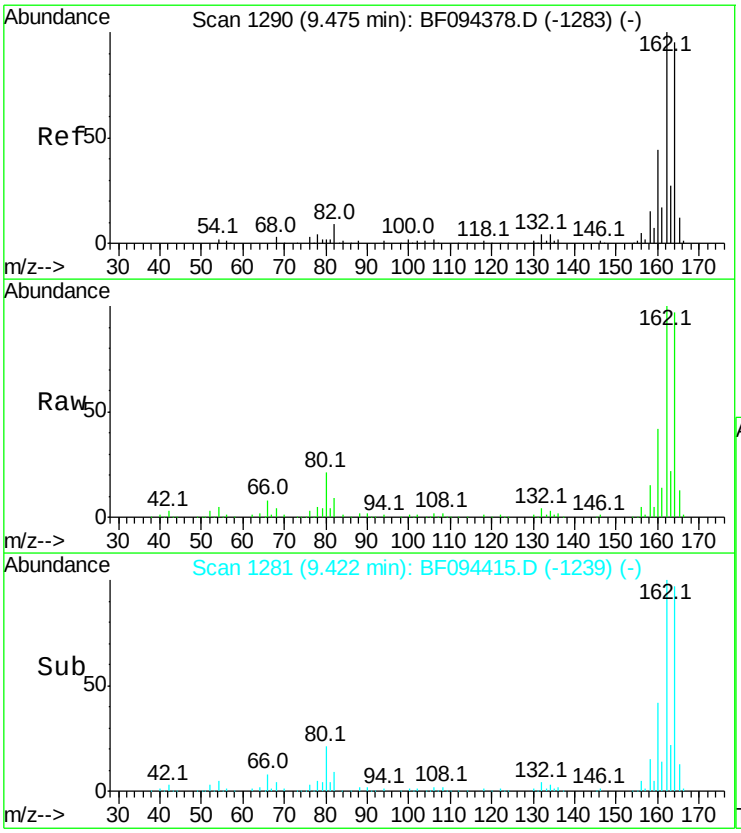
#23
Nitrobenzene-d5
Concen: 1.20 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.06 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 11845

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	44.9	42.2	63.2

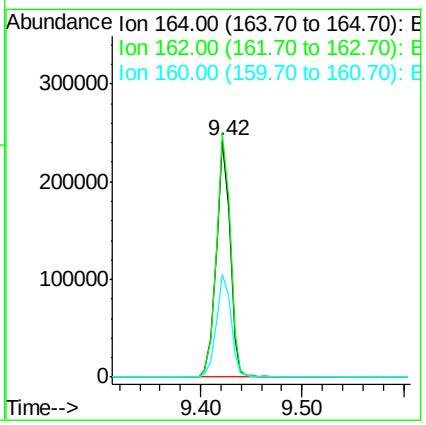


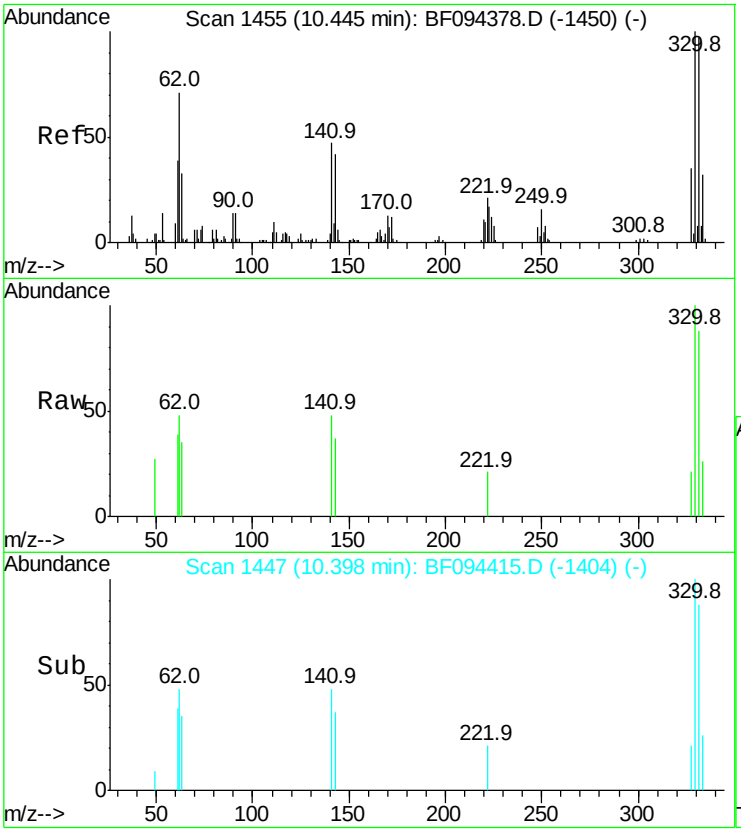


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:164 Resp: 232950

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	43.7	36.2	54.2



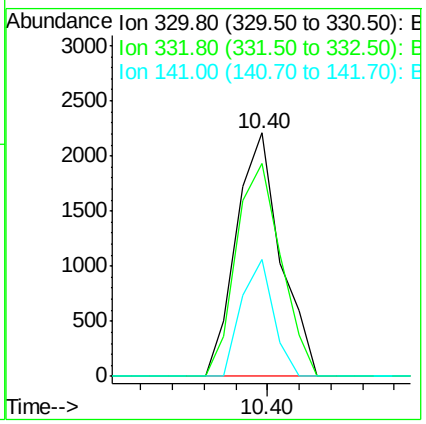


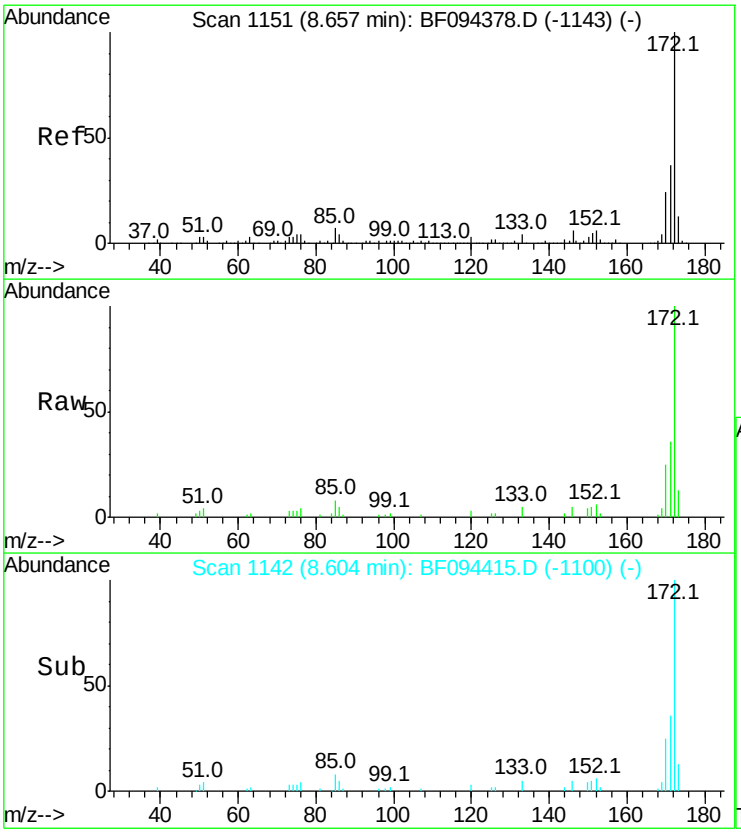
#41
2,4,6-Tribromophenol
Concen: 1.16 ng
RT: 10.40 min Scan# 1447
Delta R.T. -0.05 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 2137

Ion	Ratio	Lower	Upper
330	100		
332	88.8	76.6	115.0
141	34.6	31.4	47.2

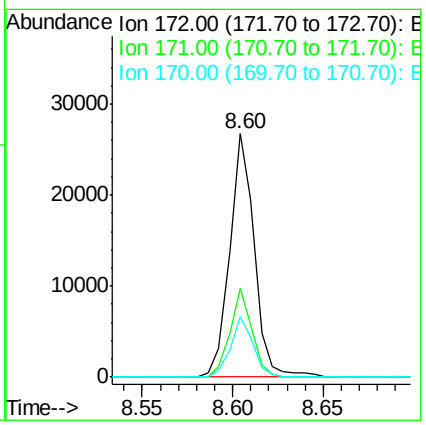


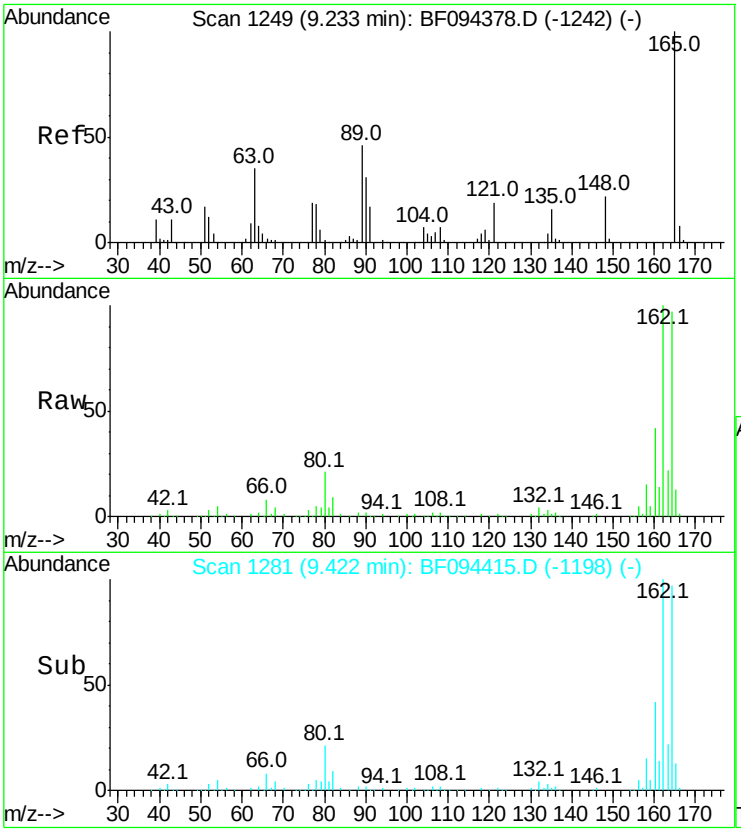


#44
2-Fluorobiphenyl
Concen: 1.66 ng
RT: 8.60 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:172 Resp: 25321

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	25.1	19.8	29.8



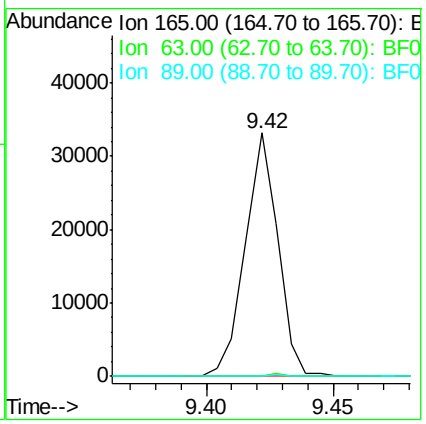


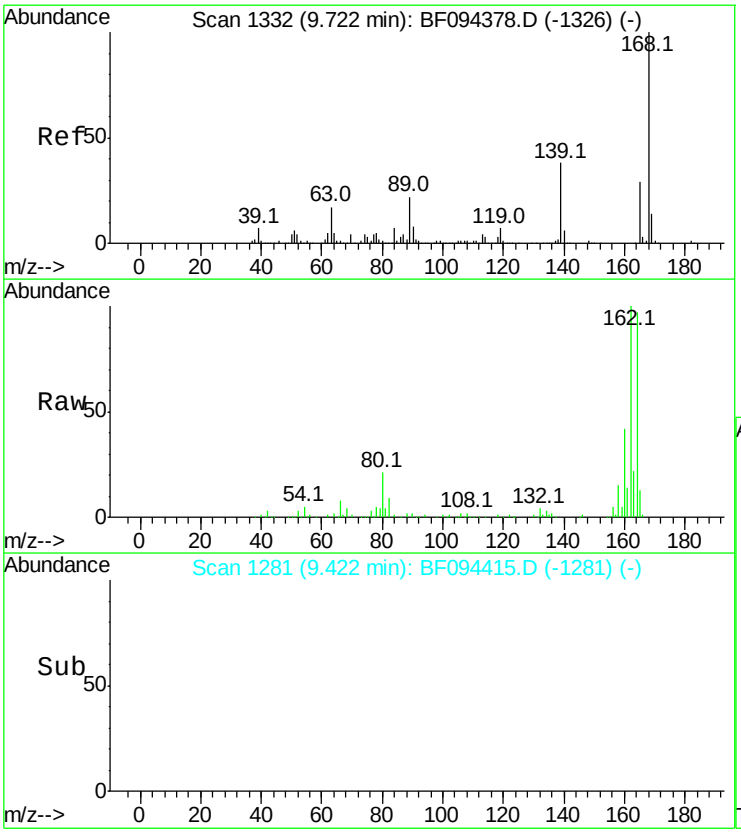
#50
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.42 min Scan# 1281
Delta R.T. 0.19 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29899

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

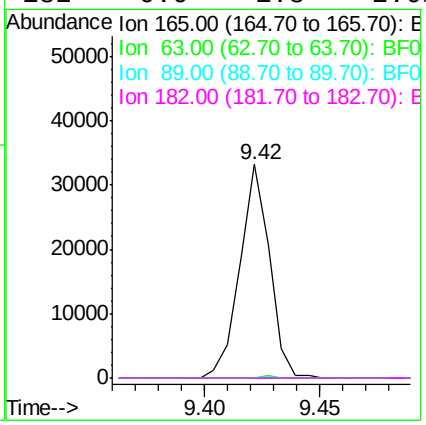


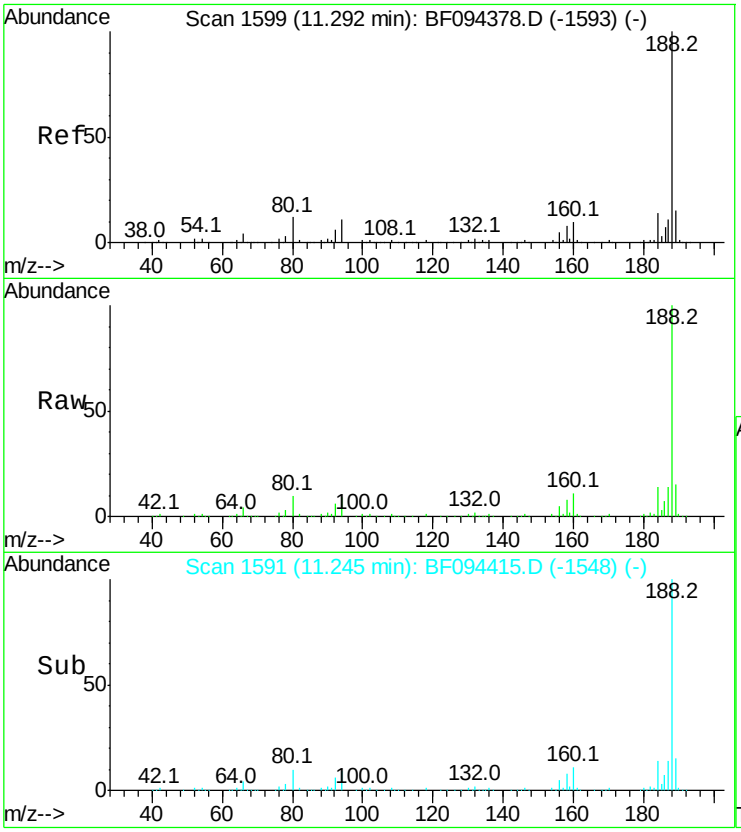


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.30 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:165 Resp: 29900

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#



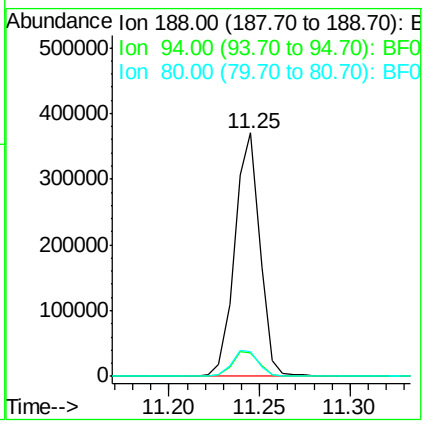


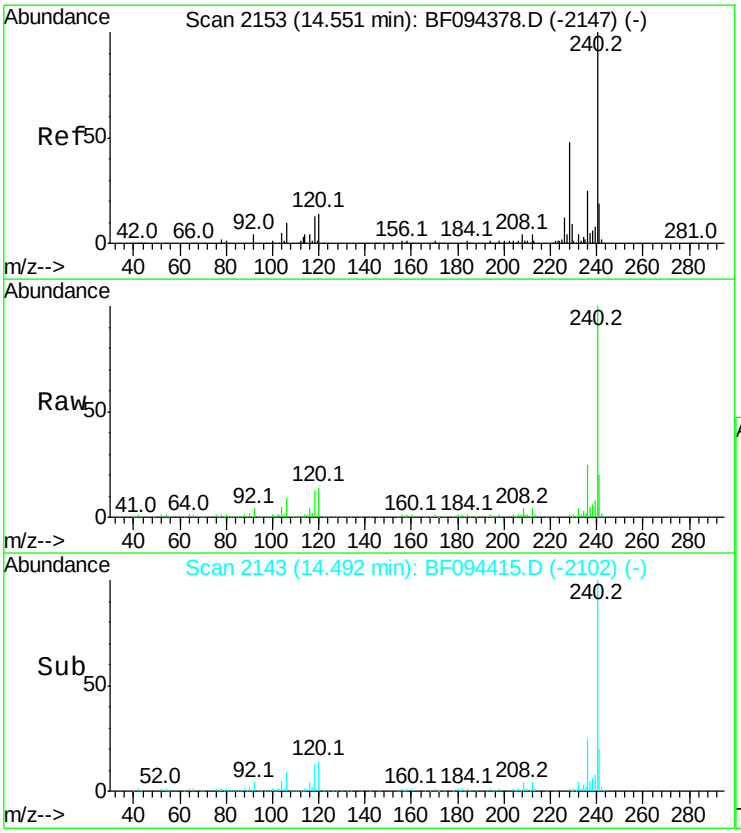
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 357059

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.2	10.2	15.2

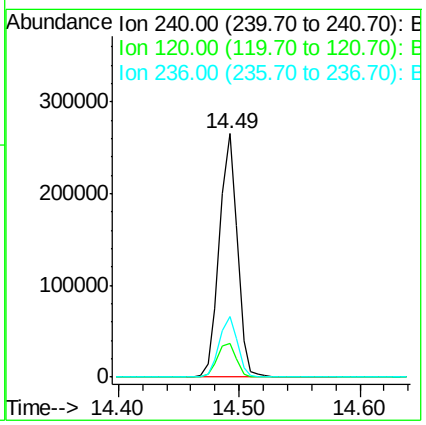


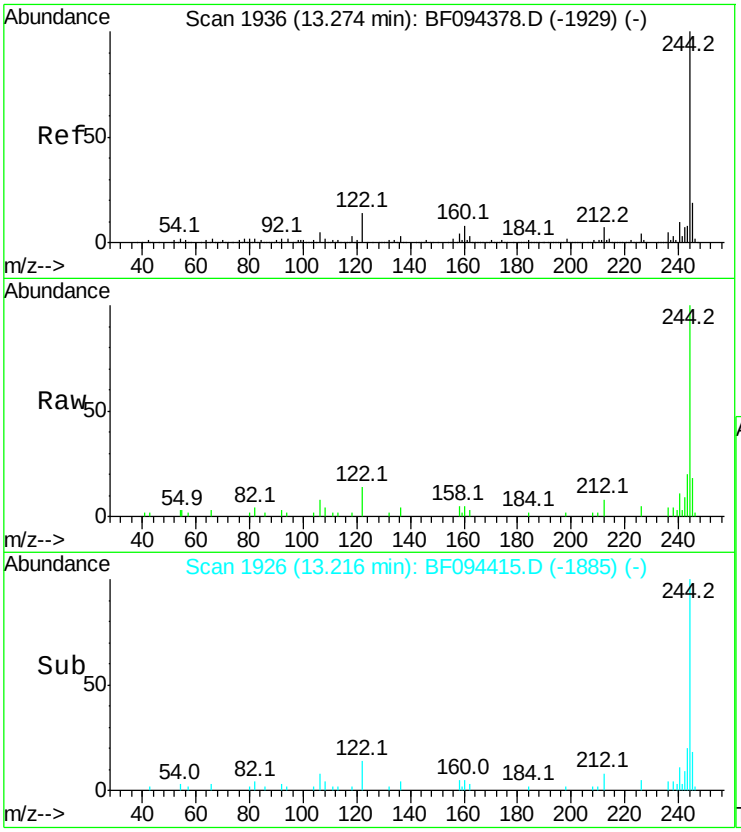


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:240 Resp: 274098

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	24.9	20.5	30.7



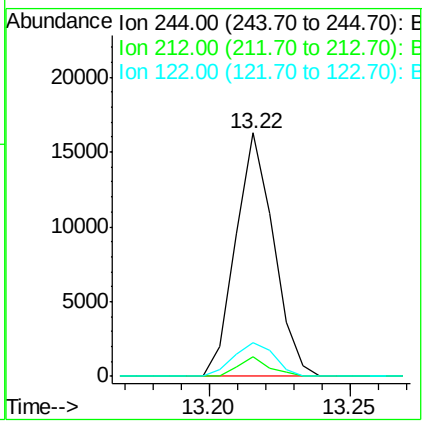


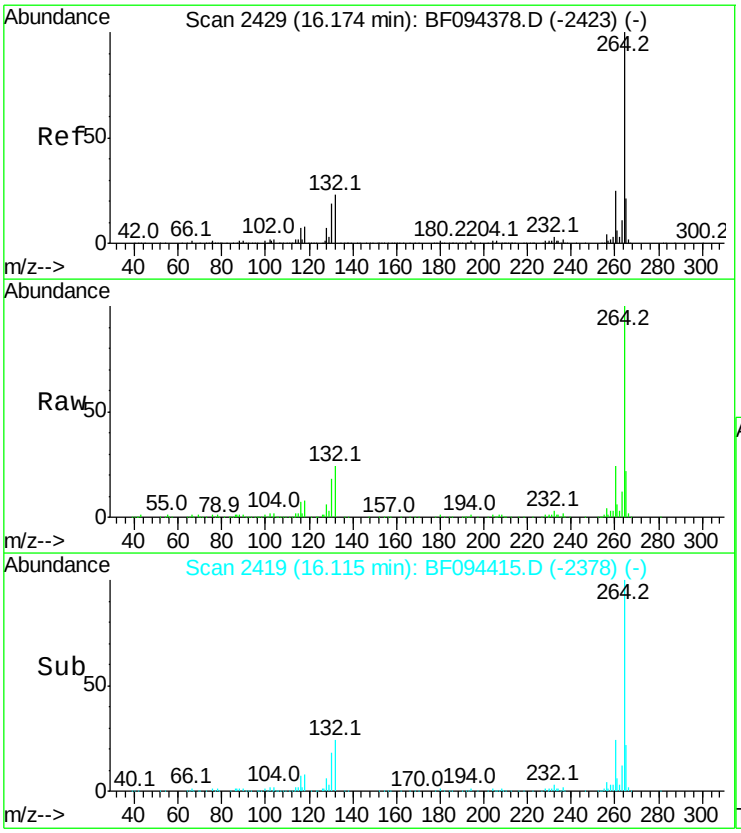
#78
Terphenyl-d14
Concen: 1.24 ng
RT: 13.22 min Scan# 1926
Delta R.T. -0.06 min
Lab File: BF094415.D
Acq: 14 Apr 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 15204

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	13.8	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: BF094415.D
Acq: 14 Apr 2017 3:36

Tgt Ion:264 Resp: 216830

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.2	25.8