Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094751.D
Acq On : 1 May 2017 15:12
Operator : SJ/MA
Sample : I2902-03DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:37:33 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	5.76	152	102495	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	410626	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	194778	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	326966	20.00	ng		0.00
75) Chrysene-d12	14.47	240	255085	20.00	ng		0.00
86) Perylene-d12	16.09	264	174660	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	42238	6.84	ng		0.03
7) Phenol-d6	5.41	99	30249	4.15	ng		0.01
23) Nitrobenzene-d5	6.41	82	70242	10.56	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	24443	16.04	ng		0.00
44) 2-Fluorobiphenyl	8.57	172	161370	12.19	ng		-0.01
78) Terphenyl-d14	13.18	244	120787	12.66	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	7.28	128	1283685	65.03	ng		99
33) 4-Chloroaniline	7.28	127	172901	21.05	ng	#	32
35) Caprolactam	7.78	113	74737	41.85	ng		91
50) 2,6-Dinitrotoluene	9.39	165	24256	7.44	ng	#	34
51) Acenaphthene	9.42	154	76117	6.44	ng		98
56) 2,4-Dinitrotoluene	9.39	165	24256	6.07	ng	#	34

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

Quantitation Report (Not Reviewed)

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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
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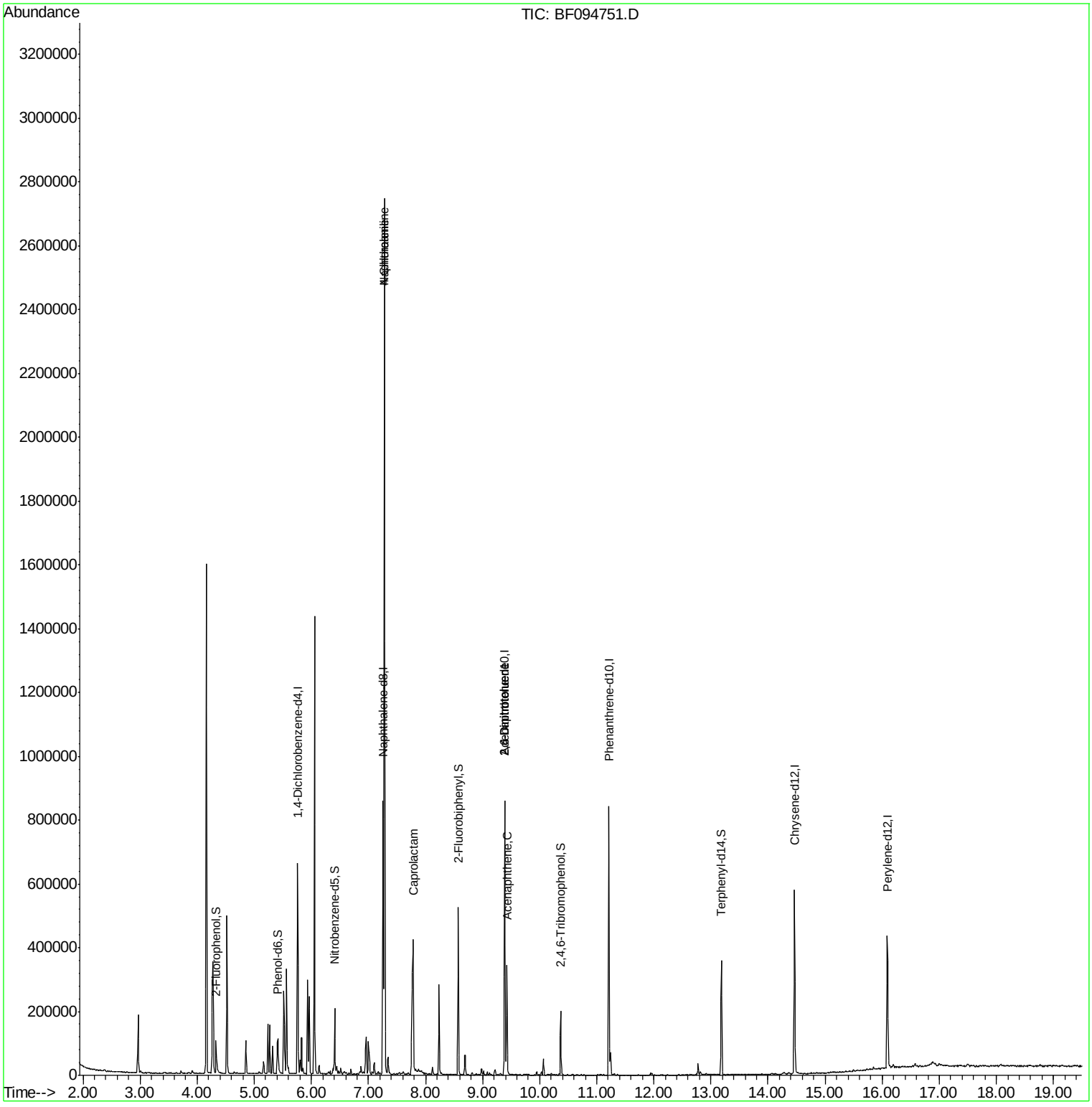
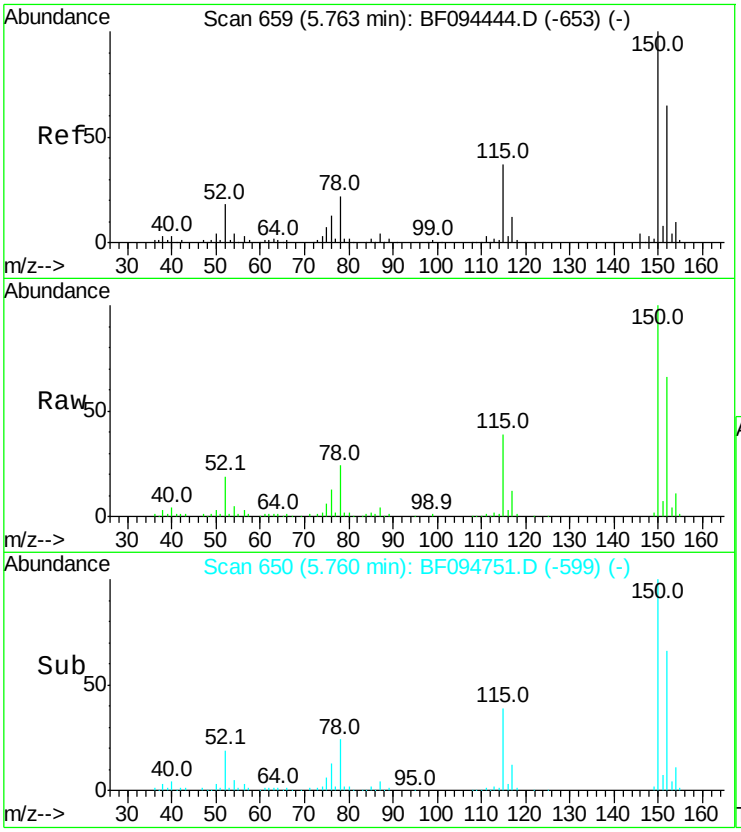


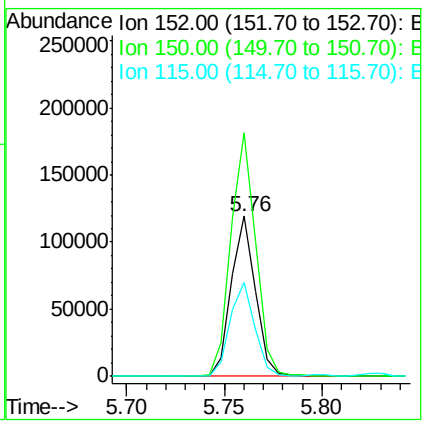


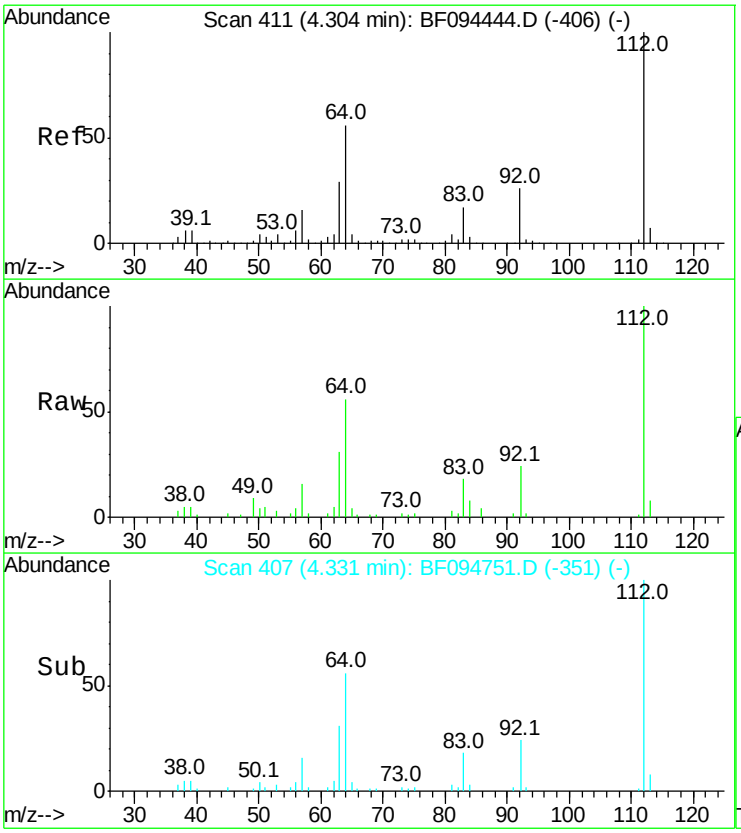
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102495

Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	58.9	52.2	78.2

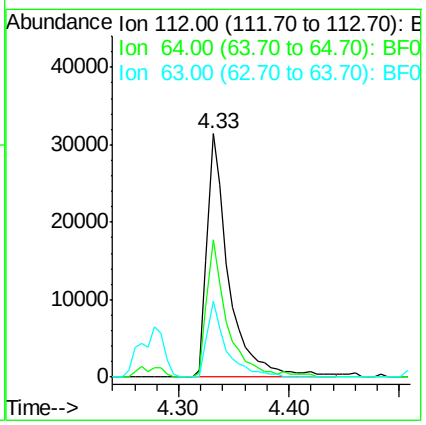


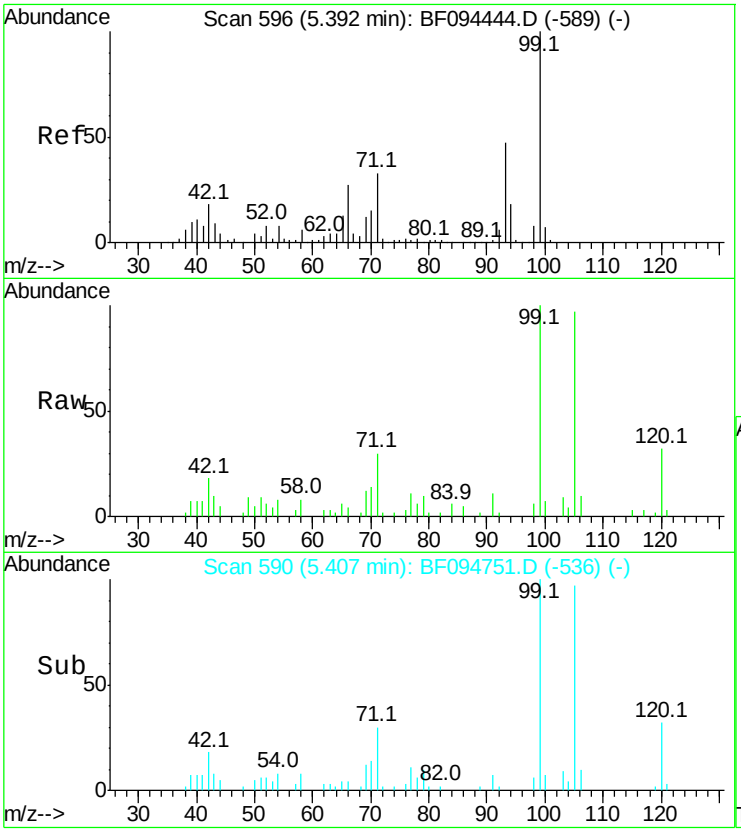


#5
2-Fluorophenol
Concen: 6.84 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:112 Resp: 42238

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	31.0	23.4	35.0



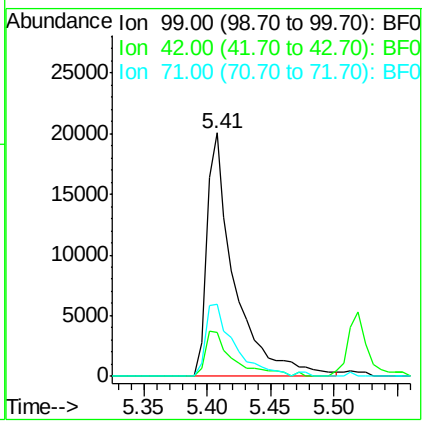


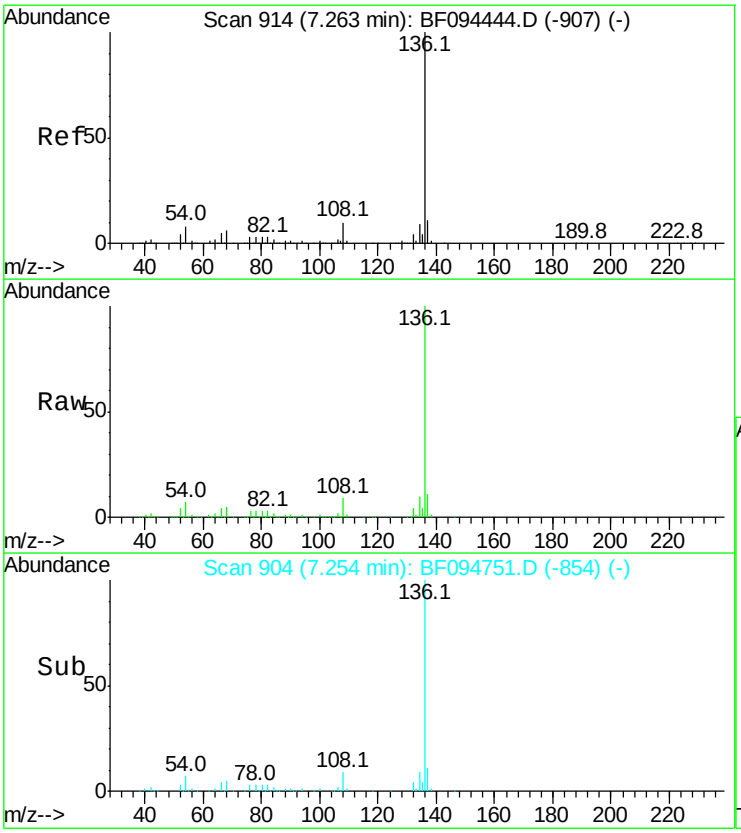
#7
Phenol-d6
Concen: 4.15 ng
RT: 5.41 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 30249

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	29.5	24.5	36.7

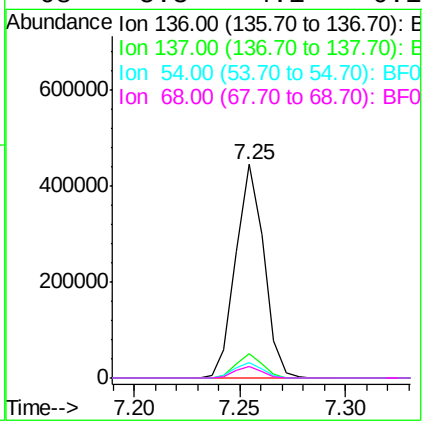


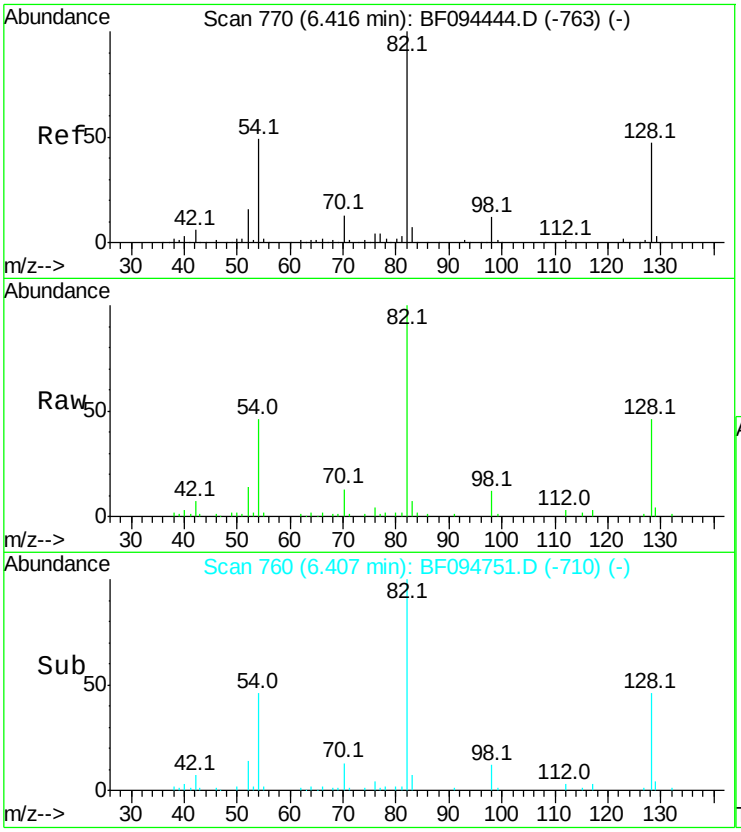


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:136 Resp: 410626

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.1	4.9	7.3
68	5.3	4.1	6.1



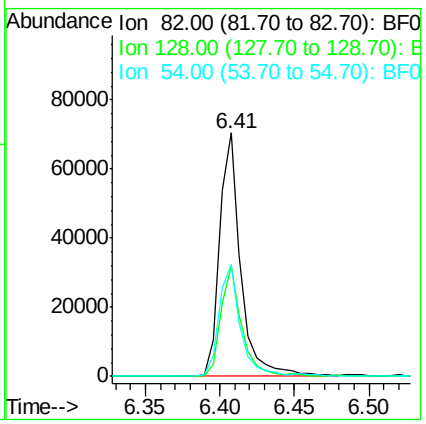


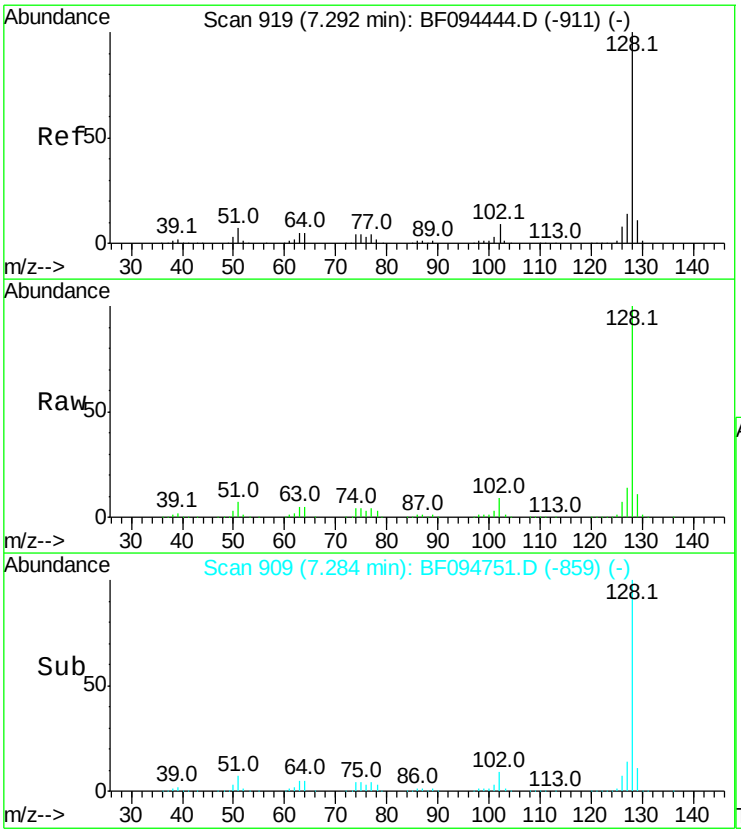
#23
Nitrobenzene-d5
Concen: 10.56 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 70242

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	45.8	42.2	63.2

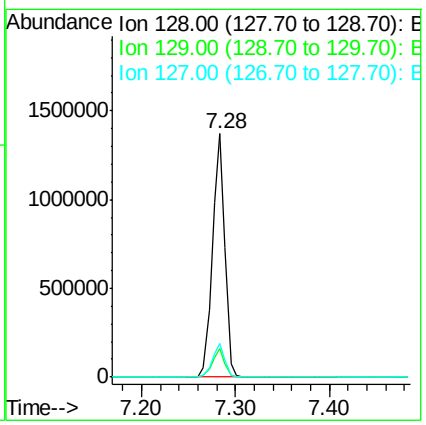


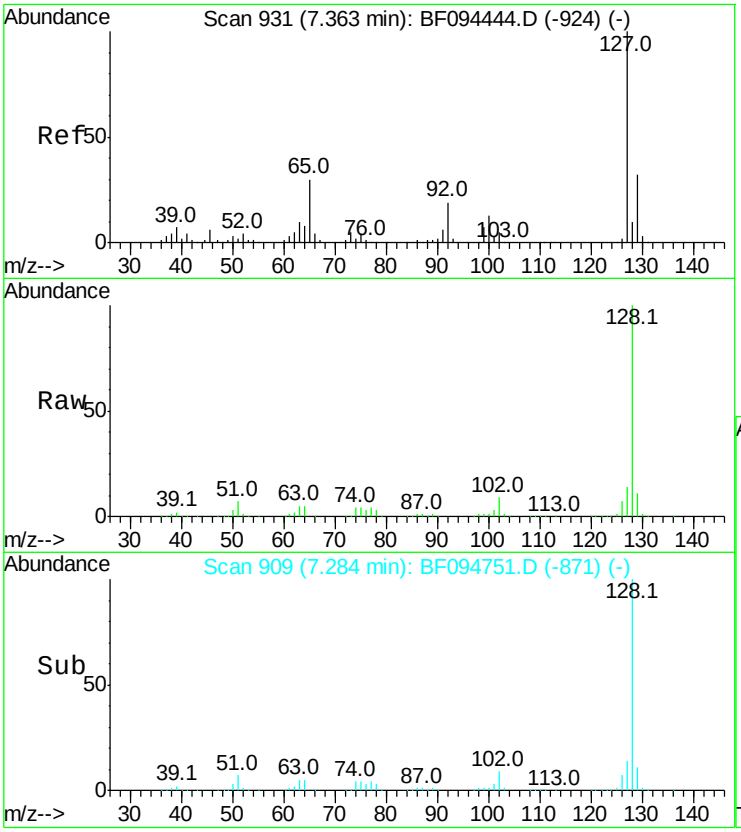


#31
Naphthalene
Concen: 65.03 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:128 Resp: 1283685

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.7	10.8	16.2



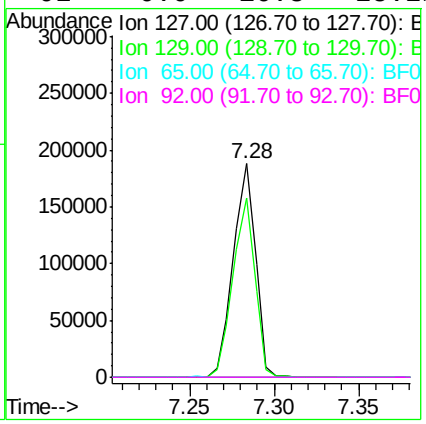


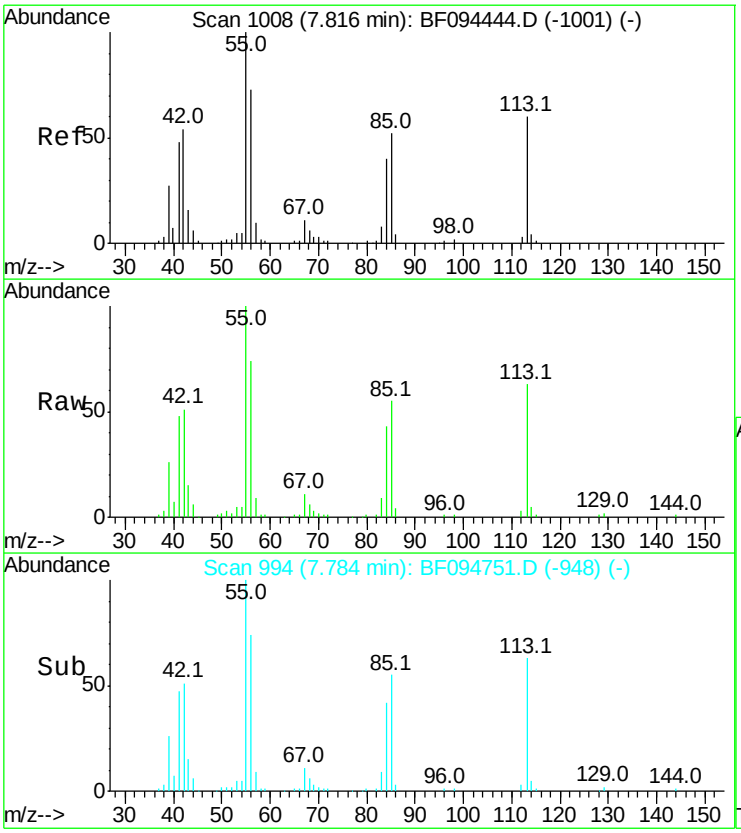
#33
4-Chloroaniline
Concen: 21.05 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.08 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 172901

Ion	Ratio	Lower	Upper
127	100		
129	83.8	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

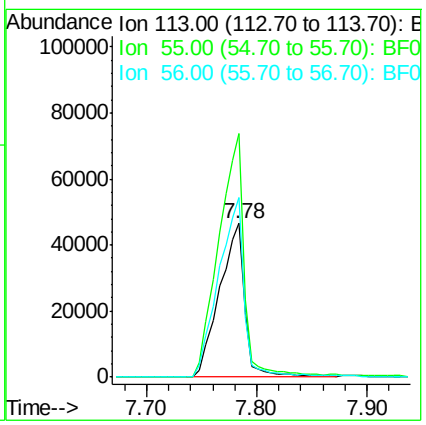


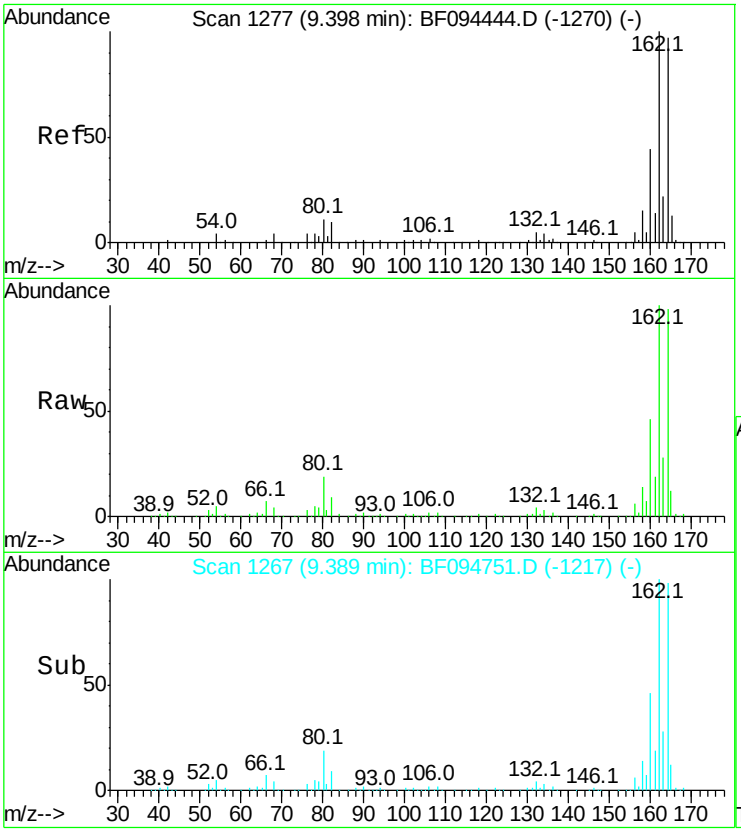


#35
Caprolactam
Concen: 41.85 ng
RT: 7.78 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:113 Resp: 74737

Ion	Ratio	Lower	Upper
113	100		
55	158.4	150.2	190.2
56	116.5	107.8	147.8



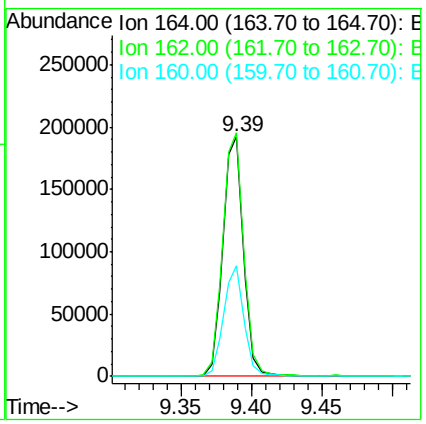


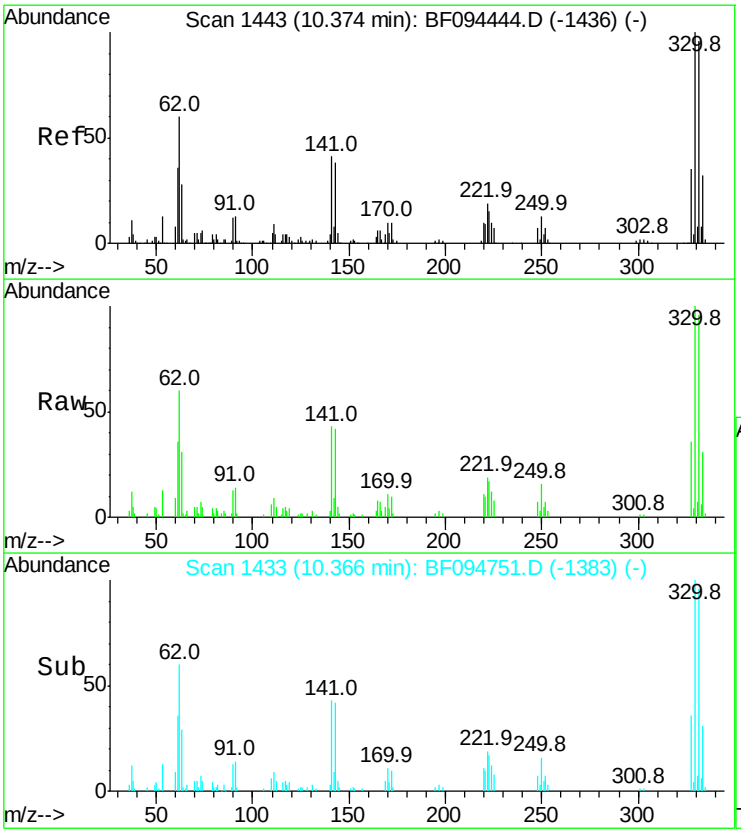
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 194778

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	46.3	36.2	54.2

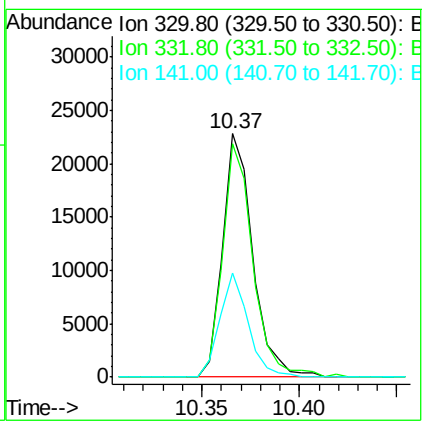


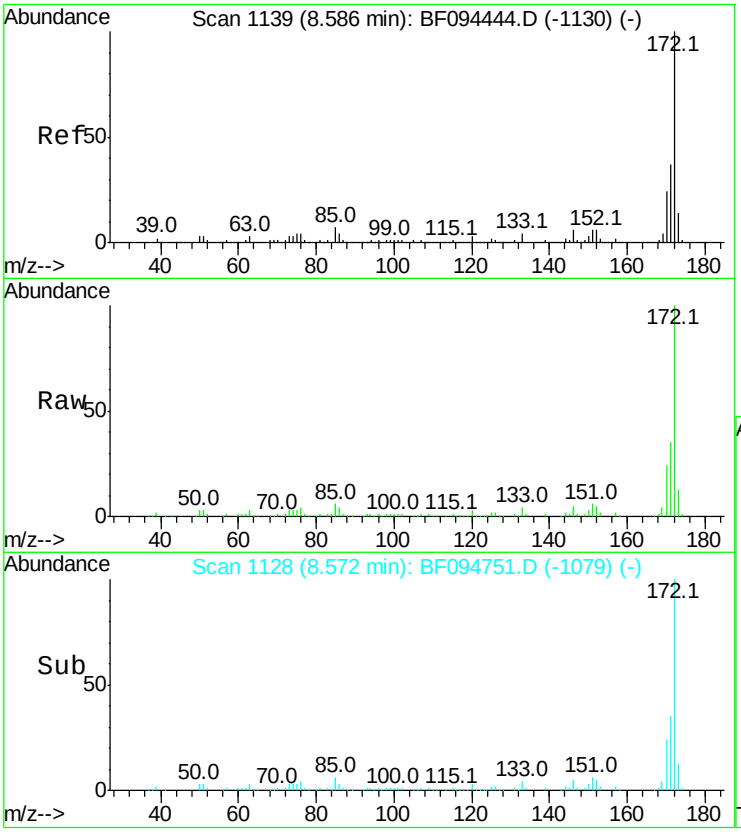


#41
2,4,6-Tribromophenol
Concen: 16.04 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:330 Resp: 24443

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	40.4	31.4	47.2



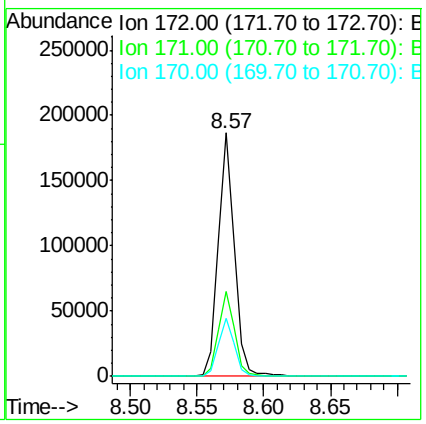


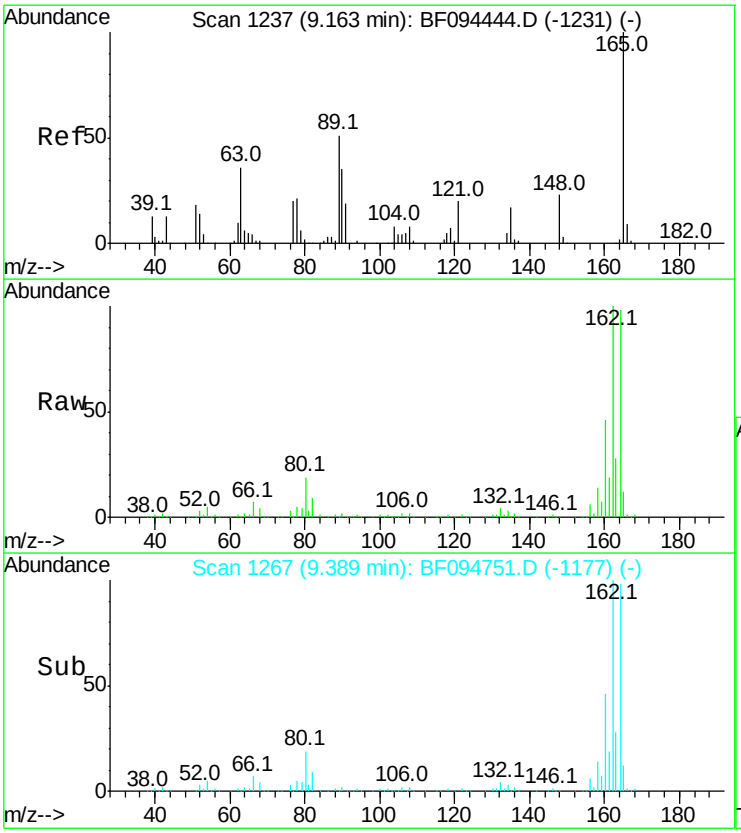
#44
2-Fluorobiphenyl
Concen: 12.19 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 161370

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.7	19.8	29.8

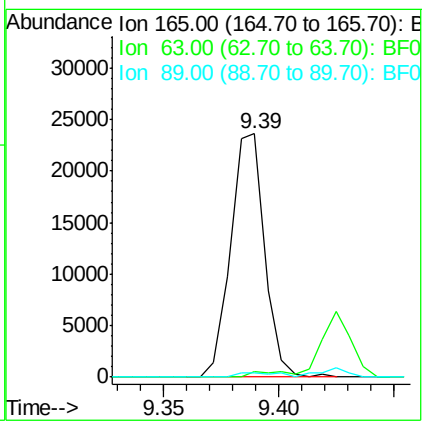


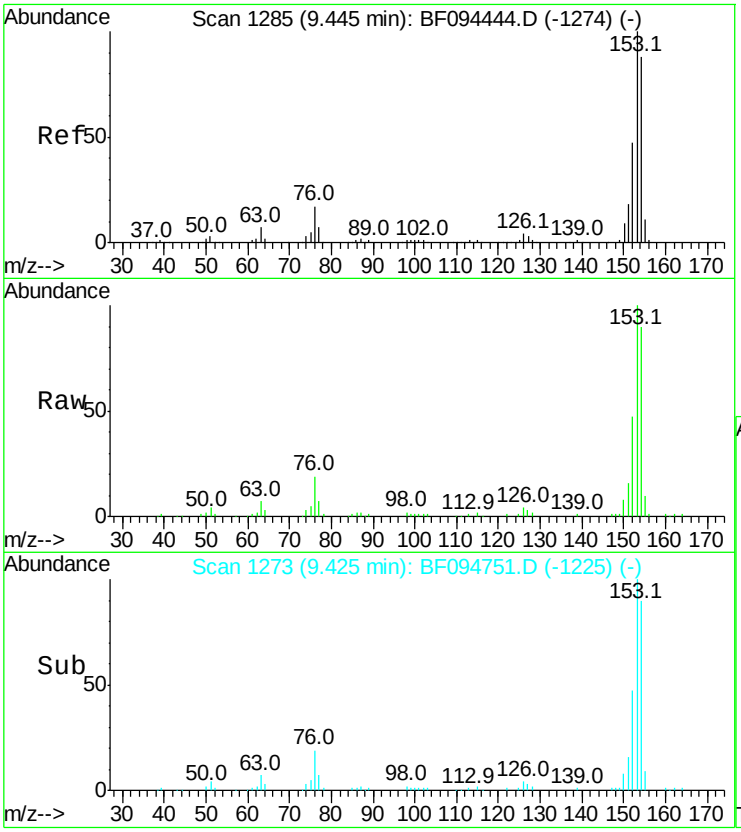


#50
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 9.39 min Scan# 1267
Delta R.T. 0.23 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:165 Resp: 24256

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.7	37.1	55.7#



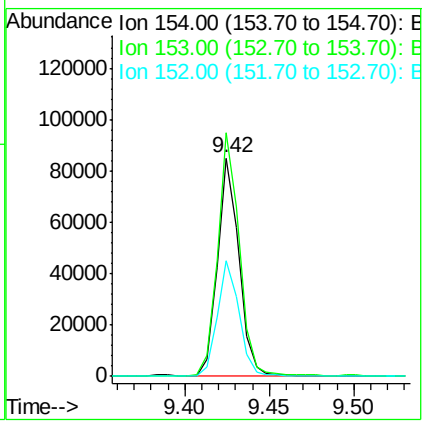


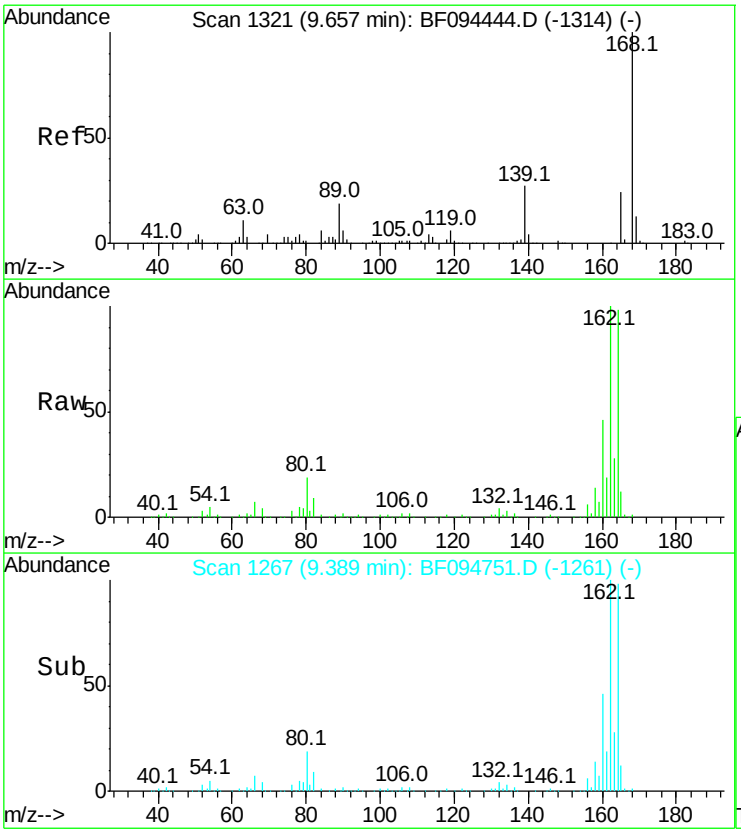
#51
Acenaphthene
Concen: 6.44 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 76117

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.5	135.7
152	52.9	43.6	65.4

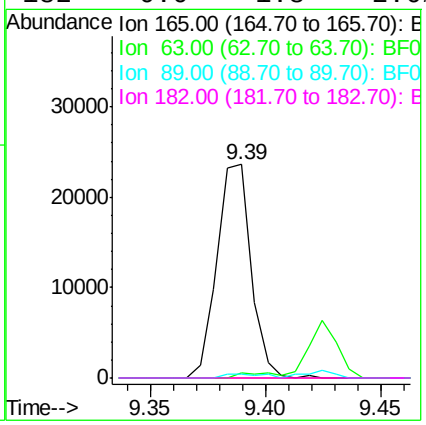


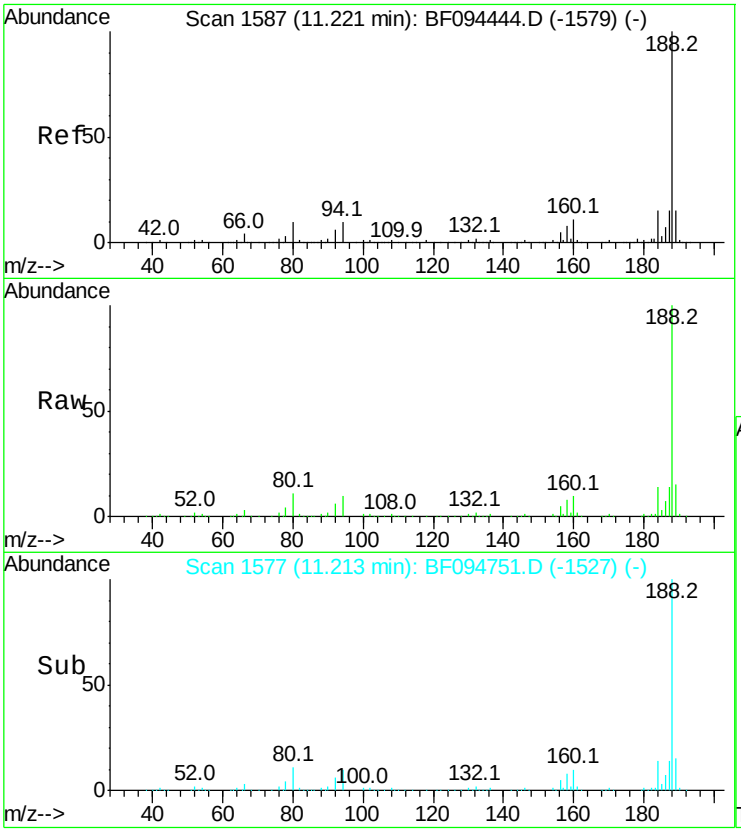


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:165 Resp: 24256

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



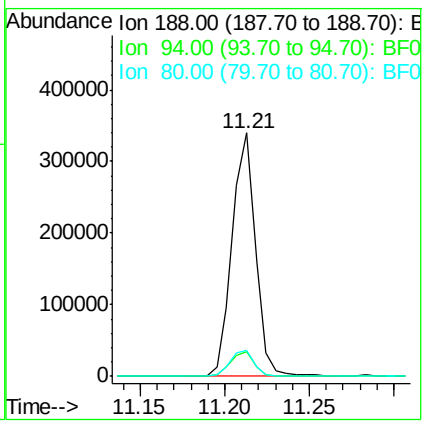


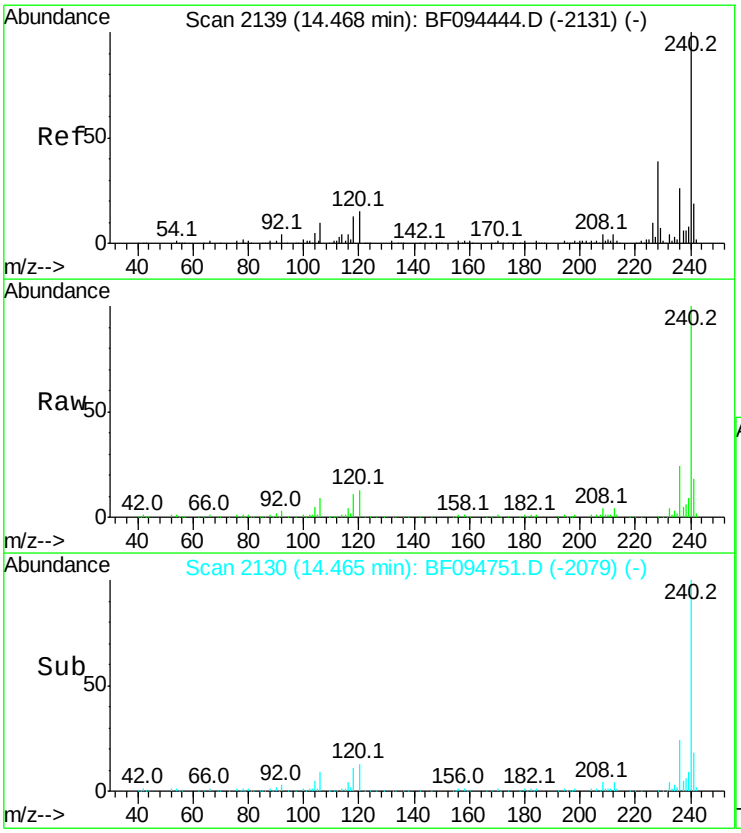
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 326966

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.7	10.2	15.2

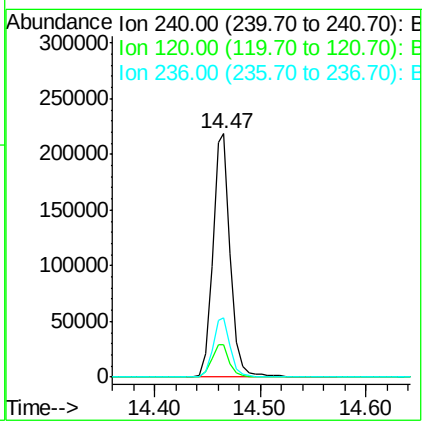


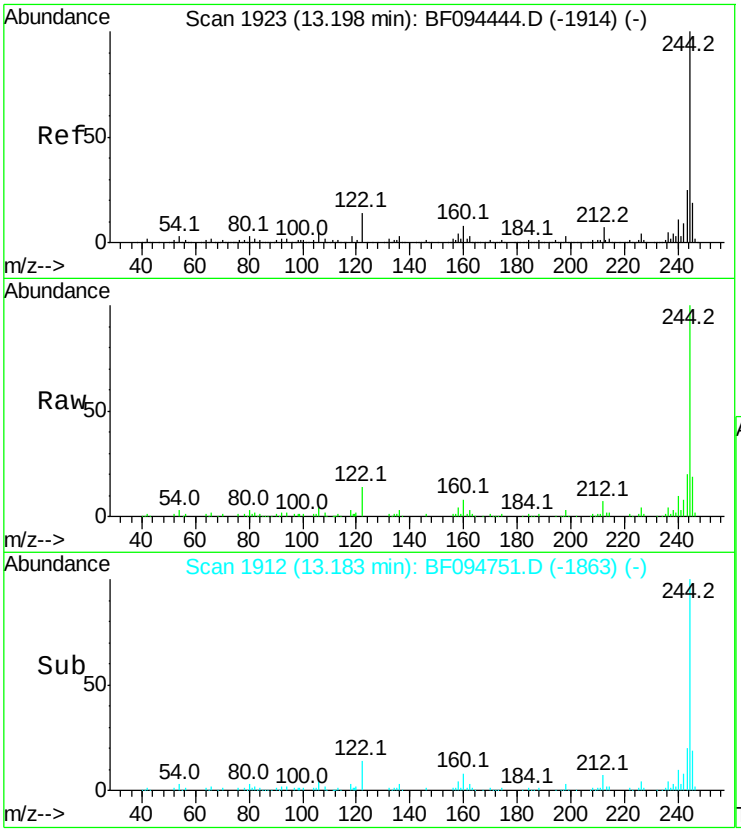


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:240 Resp: 255085

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.1	20.5	30.7



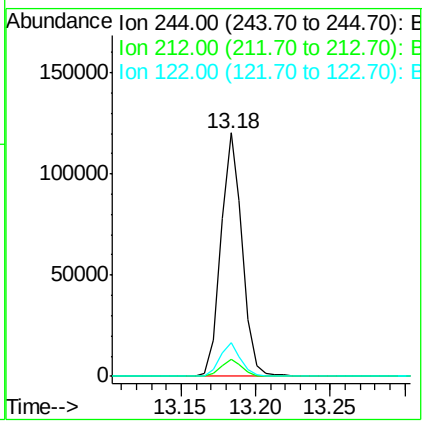


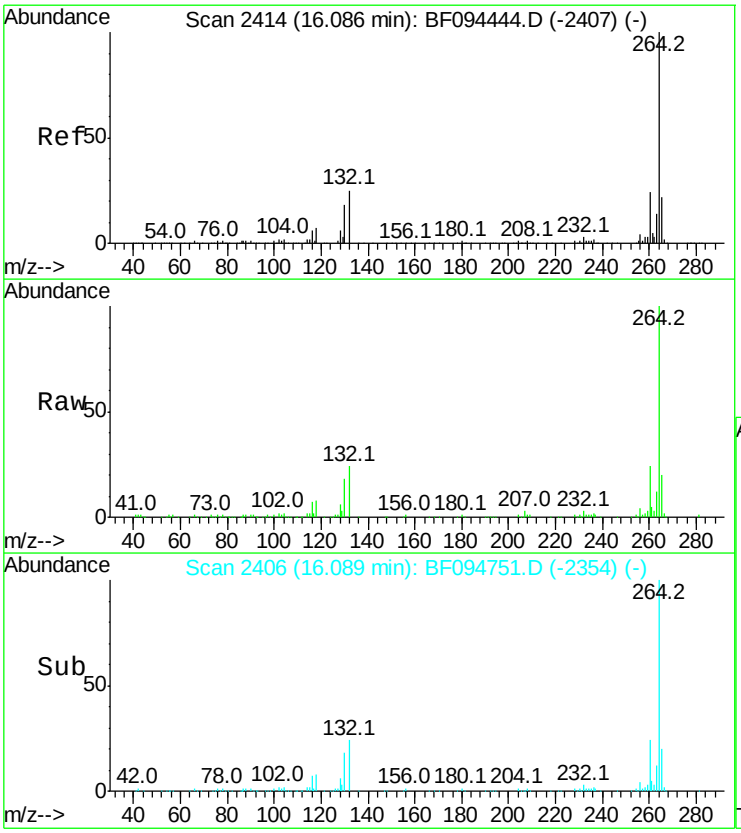
#78
Terphenyl-d14
Concen: 12.66 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 120787

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094751.D
Acq: 1 May 2017 15:12

Tgt Ion:264 Resp: 174660

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	19.8	17.2	25.8