Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094358.D
Acq On : 11 Apr 2017 18:56
Operator : SJ/MA
Sample : I2616-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 00:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	143212	20.00	ng		-0.04
21) Naphthalene-d8	7.33	136	577712	20.00	ng		-0.04
38) Acenaphthene-d10	9.46	164	268241	20.00	ng		-0.04
63) Phenanthrene-d10	11.29	188	477712	20.00	ng		-0.04
75) Chrysene-d12	14.54	240	374620	20.00	ng		-0.04
86) Perylene-d12	16.17	264	255415	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.38	112	318556	37.57	ng		-0.01
7) Phenol-d6	5.45	99	227718	21.71	ng		-0.02
23) Nitrobenzene-d5	6.47	82	832036	82.19	ng		-0.04
41) 2,4,6-Tribromophenol	10.45	330	191851	90.51	ng		-0.03
44) 2-Fluorobiphenyl	8.65	172	1584884	90.12	ng		-0.04
78) Terphenyl-d14	13.27	244	1150387	68.83	ng		-0.02
Target Compounds							Qvalue
6) Aniline	5.45	93	595113	40.79	ng		99
10) Phenol	5.45	94	51485	4.31	ng	#	1
11) bis(2-Chloroethyl)ether	5.45	93	595113	63.80	ng	#	23
12) 1,3-Dichlorobenzene	5.85	146	117807	11.27	ng		98
13) 1,4-Dichlorobenzene	5.85	146	117807	11.13	ng		97
14) 1,2-Dichlorobenzene	6.02	146	586476	60.15	ng		96
19) n-Nitroso-di-n-propylamine	6.47	70	110309	16.36	ng	#	78
24) Nitrobenzene	6.49	77	36442	3.65	ng		95
30) 1,2,4-Trichlorobenzene	7.26	180	64445	8.16	ng		99
53) 2,4-Dinitrophenol	9.56	184	965	5.05	ng	#	4
56) 2,4-Dinitrotoluene	9.46	165	34982	6.37	ng	#	34

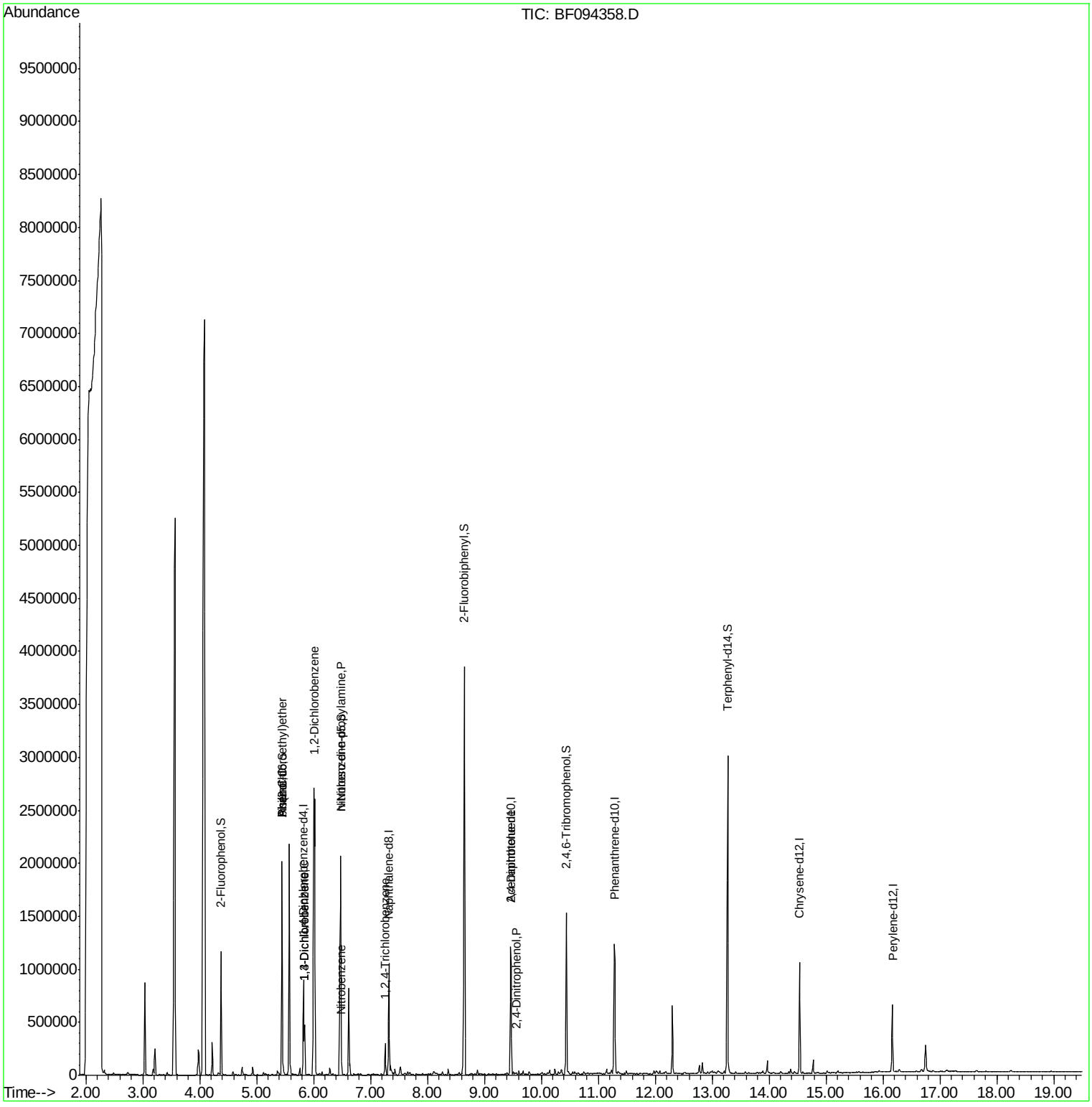
(#) = qualifier out of range (m) = manual integration (+) = signals summed

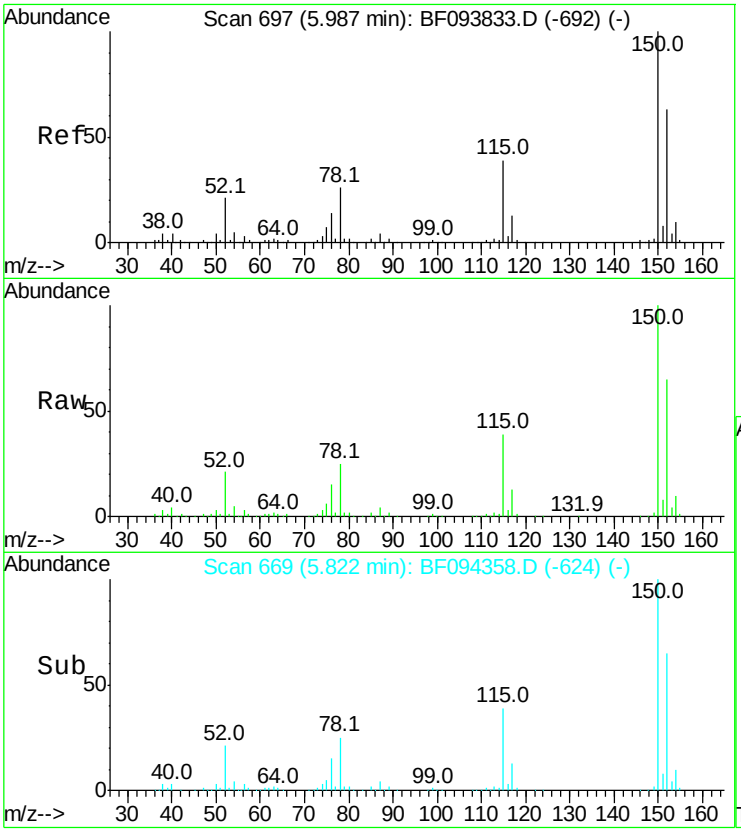
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094358.D
Acq On : 11 Apr 2017 18:56
Operator : SJ/MA
Sample : I2616-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 00:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration



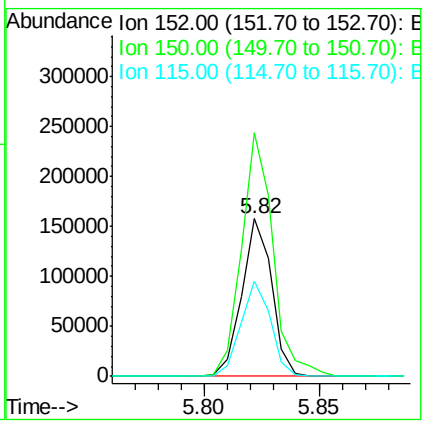


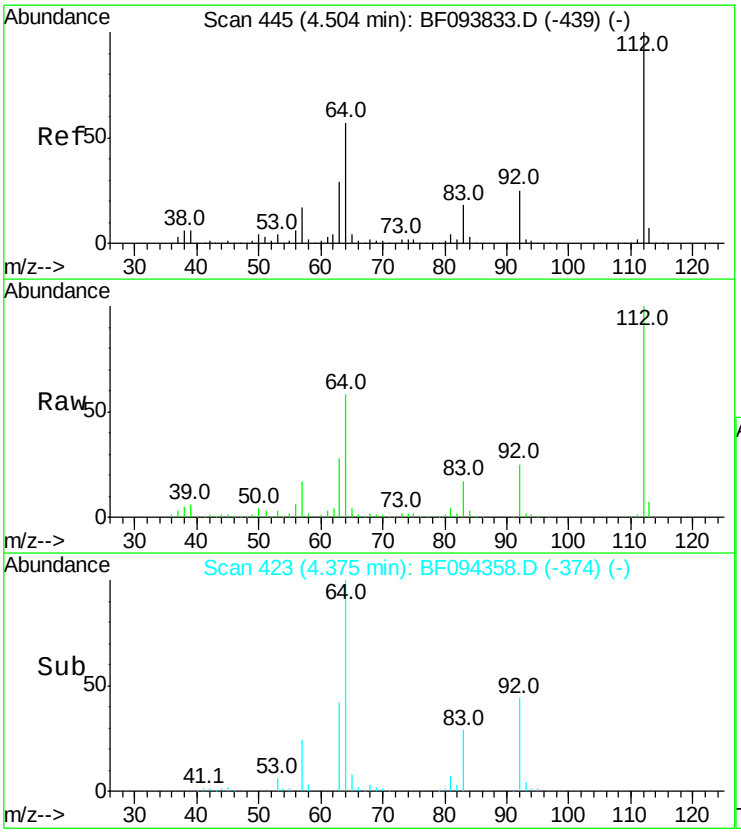
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143212

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	60.0	52.2	78.2

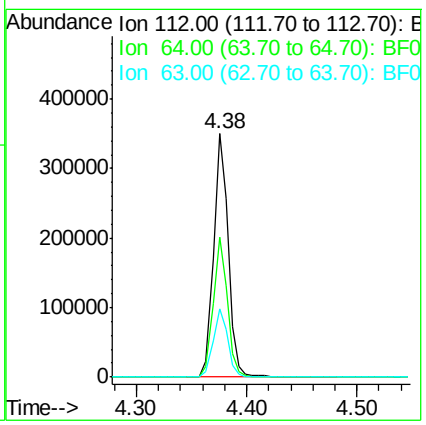


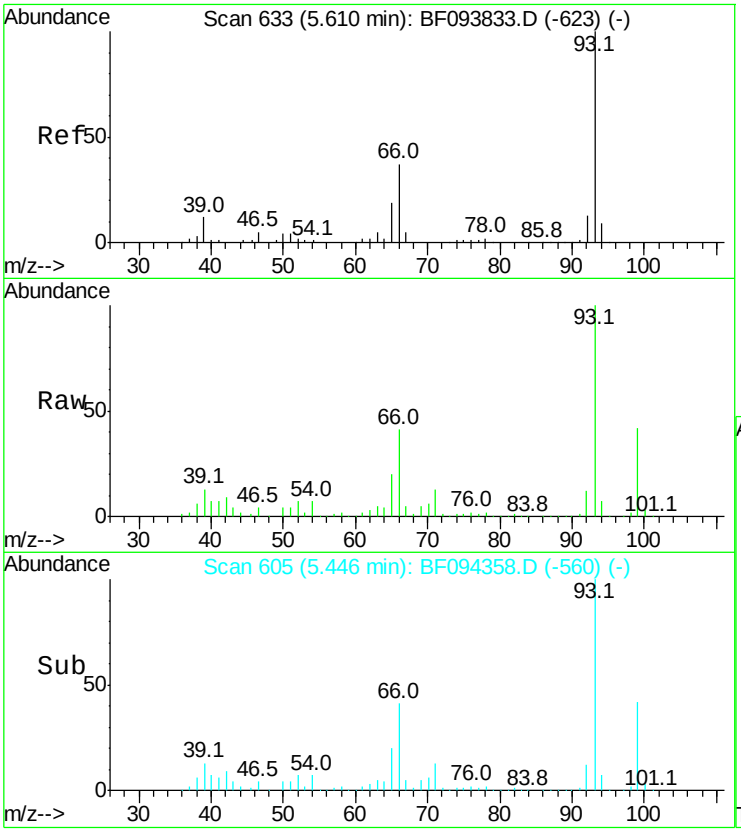


#5
2-Fluorophenol
Concen: 37.57 ng
RT: 4.38 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:112 Resp: 318556

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	28.2	23.4	35.0



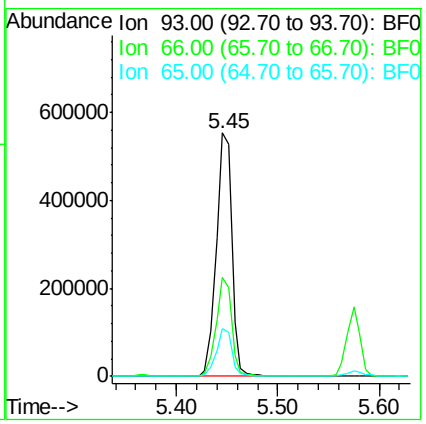


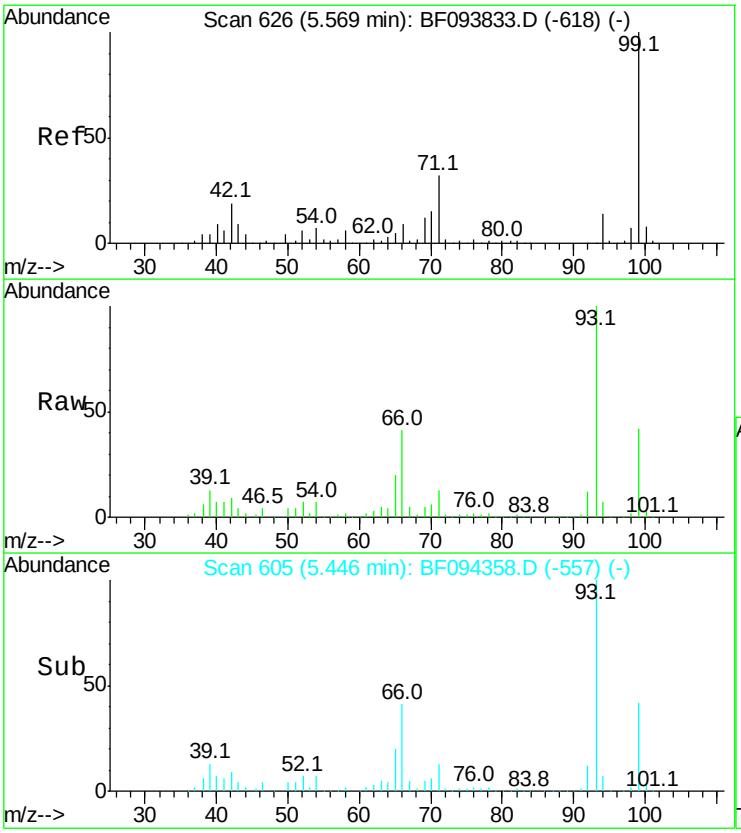
#6
Aniline
Concen: 40.79 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 595113

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.9	49.3
65	19.5	16.0	24.0

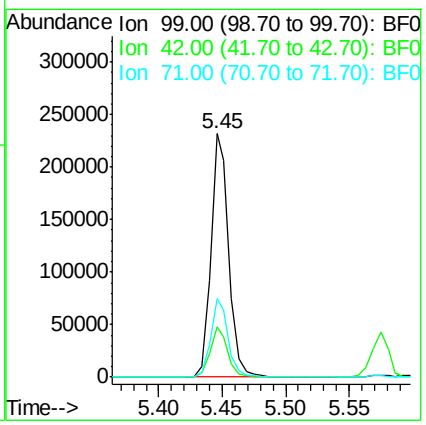


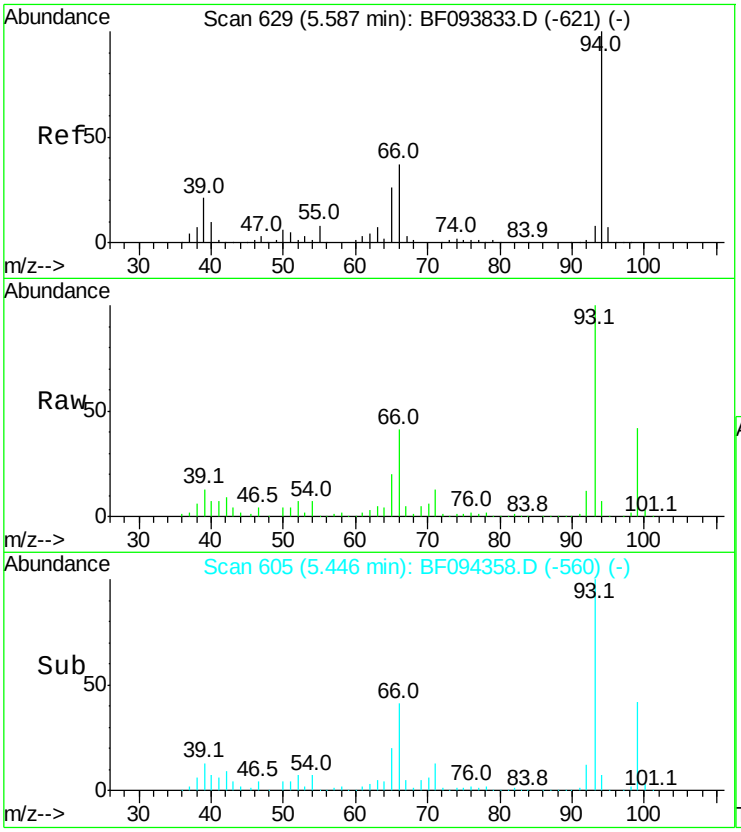


#7
Phenol-d6
Concen: 21.71 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion: 99 Resp: 227718

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.5	20.3#
71	32.1	24.5	36.7



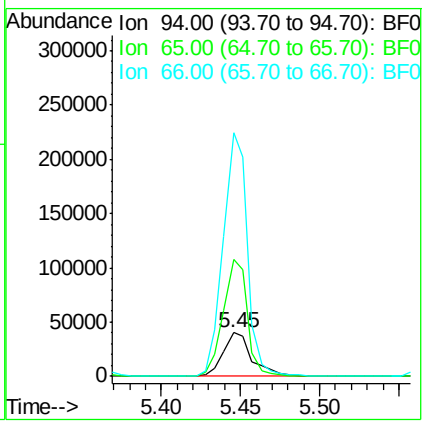


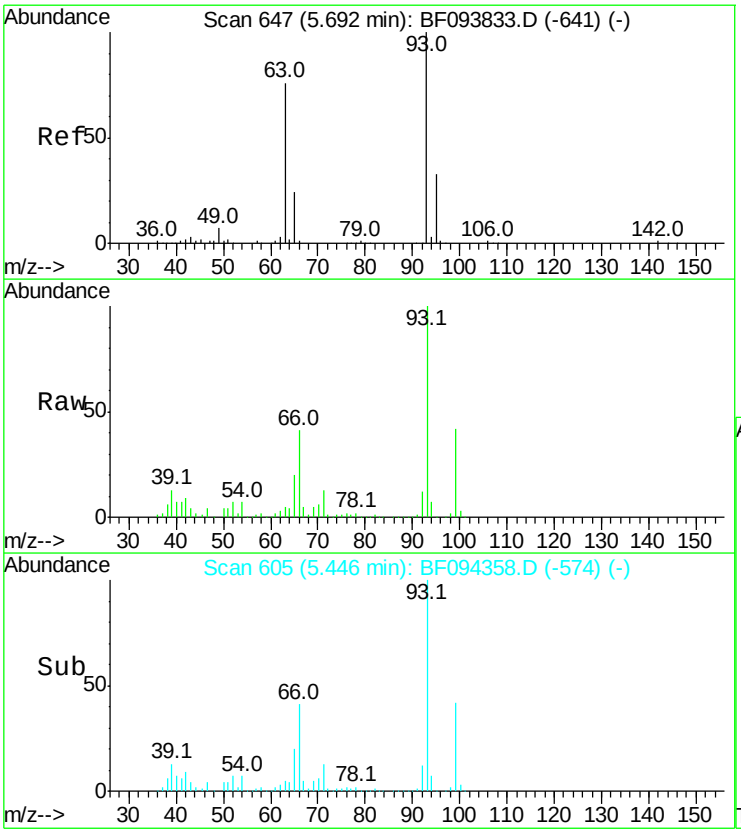
#10
Phenol
Concen: 4.31 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 51485

Ion	Ratio	Lower	Upper
94	100		
65	267.3	9.9	49.9#
66	555.4	23.1	63.1#

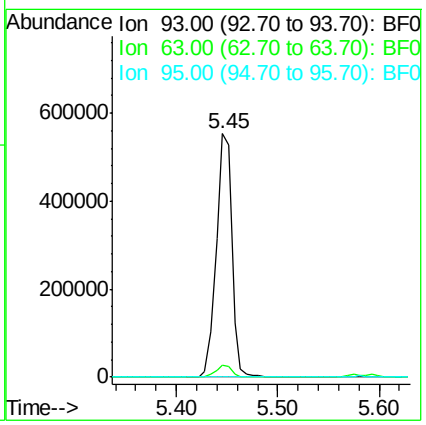


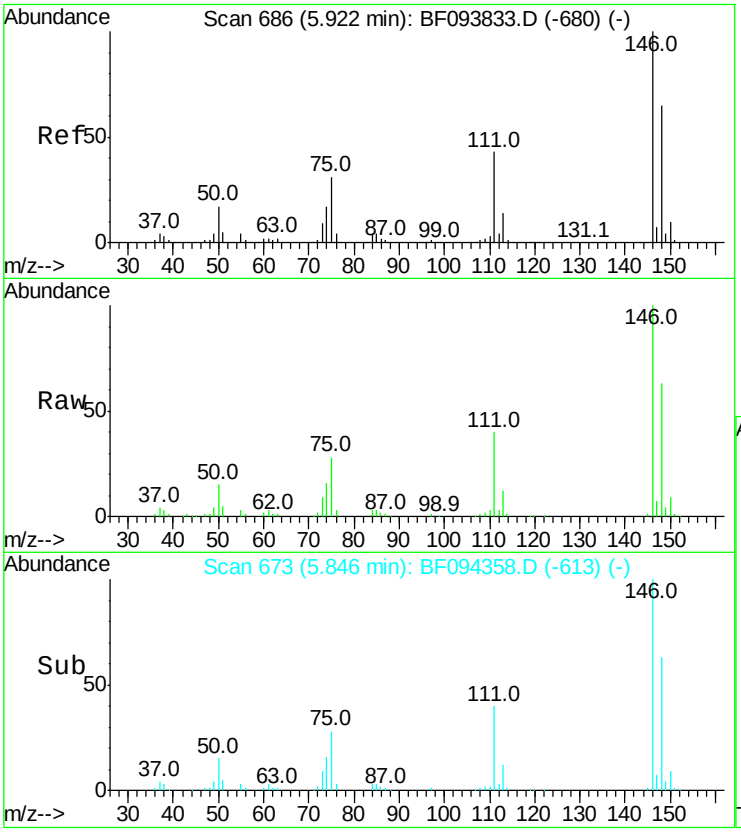


#11
bis(2-Chloroethyl)ether
Concen: 63.80 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.12 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion: 93 Resp: 595113

Ion	Ratio	Lower	Upper
93	100		
63	4.9	59.2	99.2#
95	0.3	12.8	52.8#



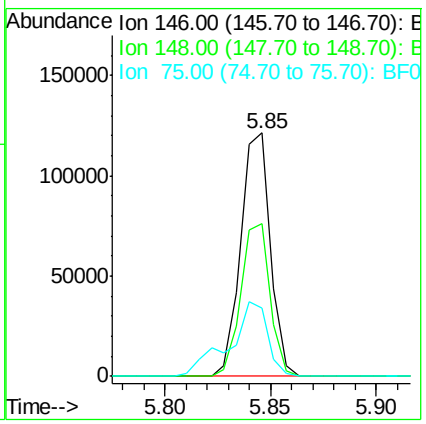


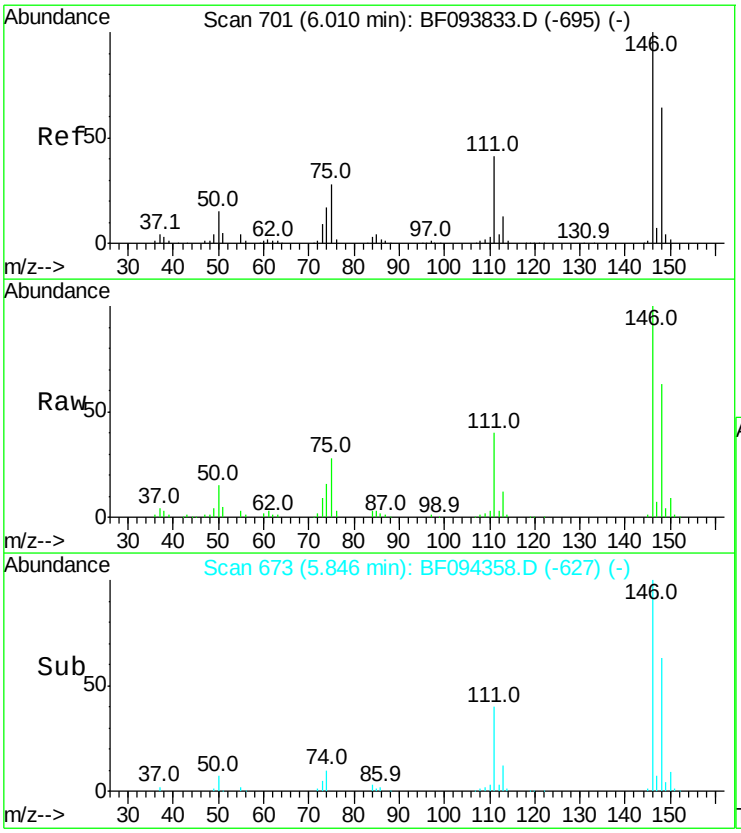
#12
1,3-Dichlorobenzene
Concen: 11.27 ng
RT: 5.85 min Scan# 673
Delta R.T. 0.05 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 117807

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.6
75	27.8	23.1	34.7

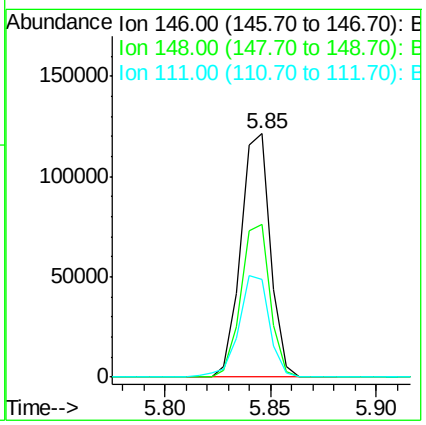


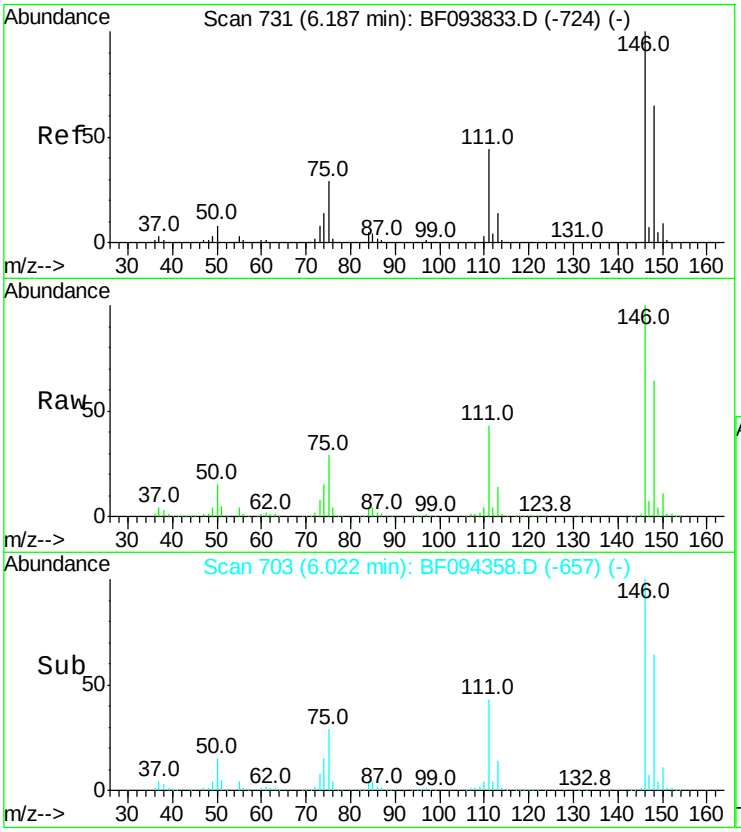


#13
1,4-Dichlorobenzene
Concen: 11.13 ng
RT: 5.85 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:146 Resp: 117807

Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	40.2	30.3	45.5



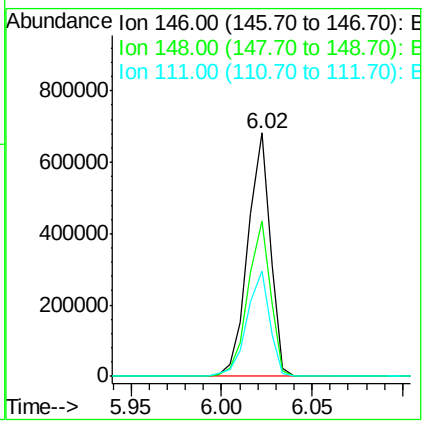


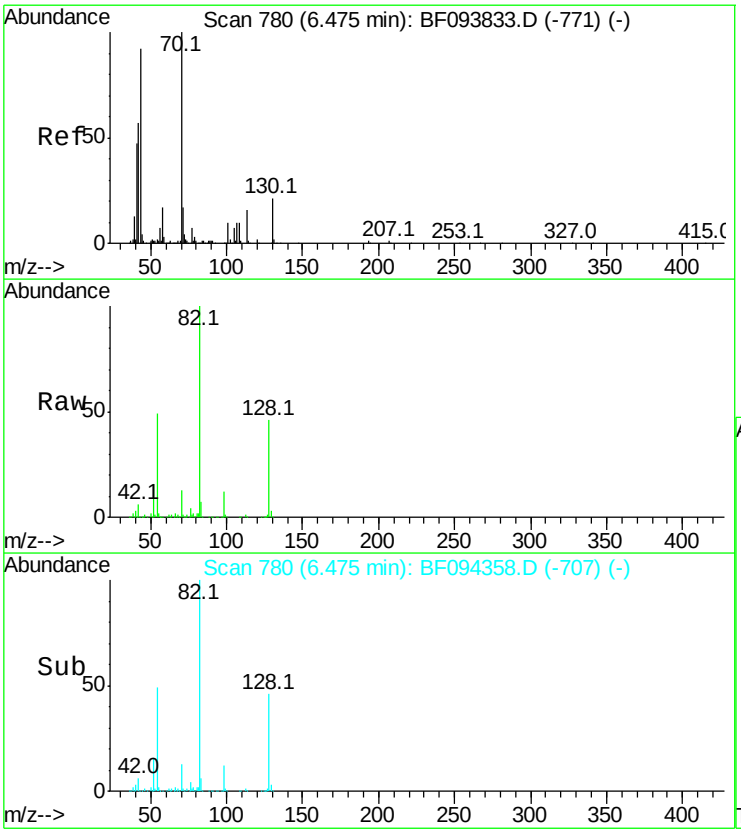
#14
1,2-Dichlorobenzene
Concen: 60.15 ng
RT: 6.02 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 586476

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	43.2	38.2	57.4

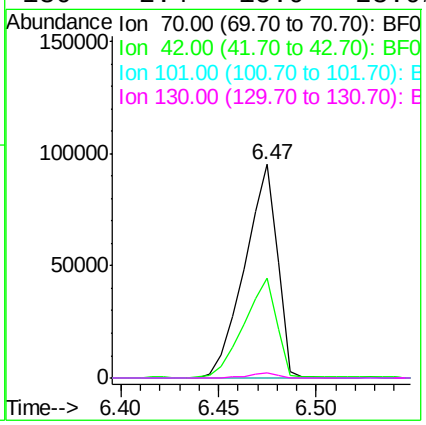


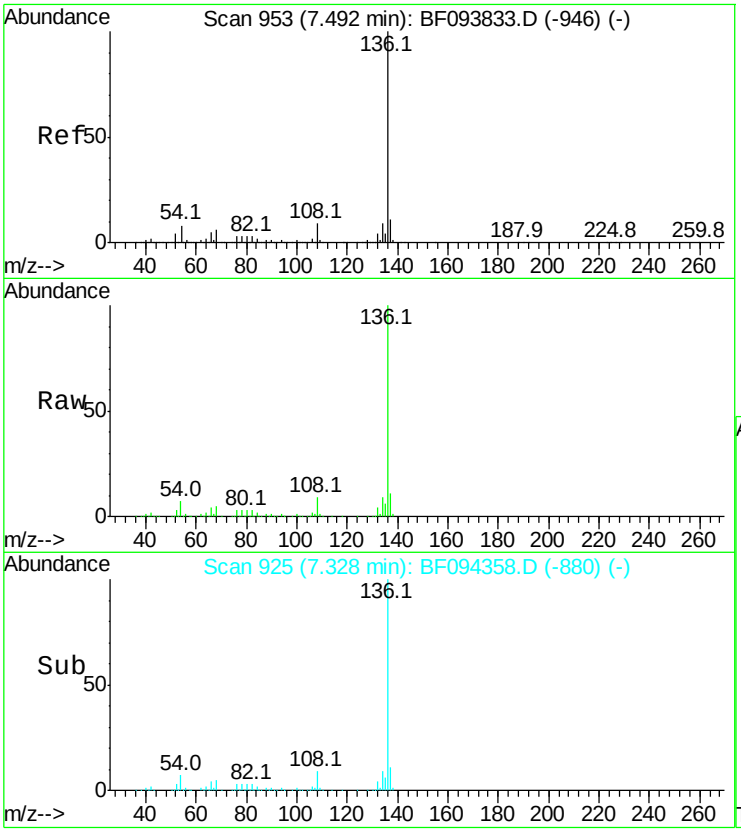


#19
n-Nitroso-di-n-propylamine
Concen: 16.36 ng
RT: 6.47 min Scan# 780
Delta R.T. 0.13 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion: 70 Resp: 110309

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



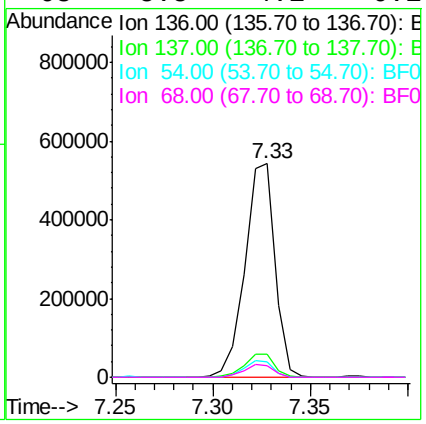


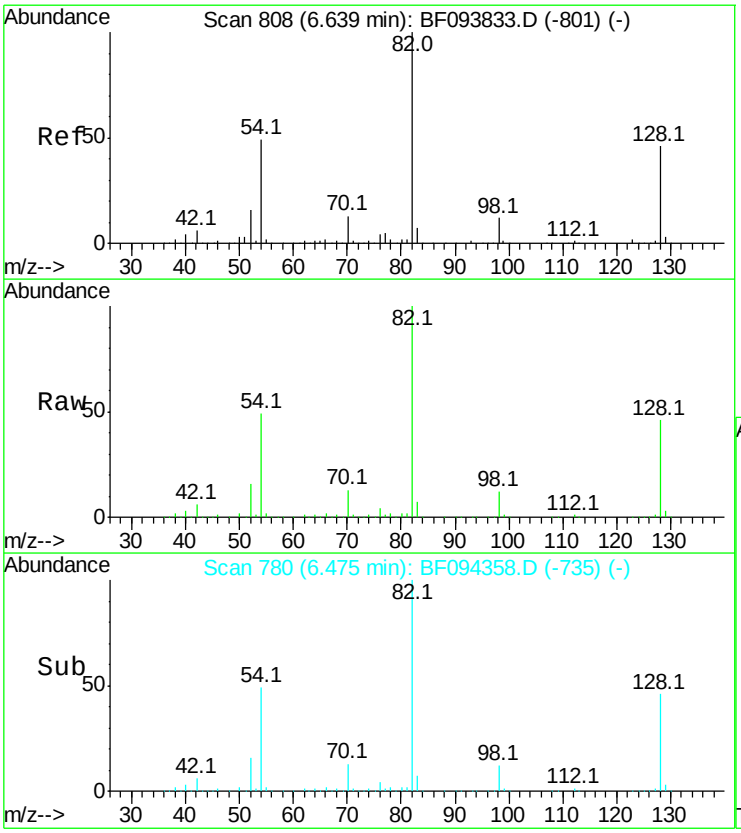
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 577712

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.1	4.9	7.3
68	5.5	4.1	6.1

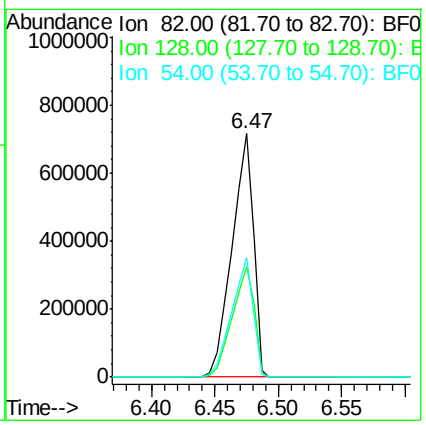


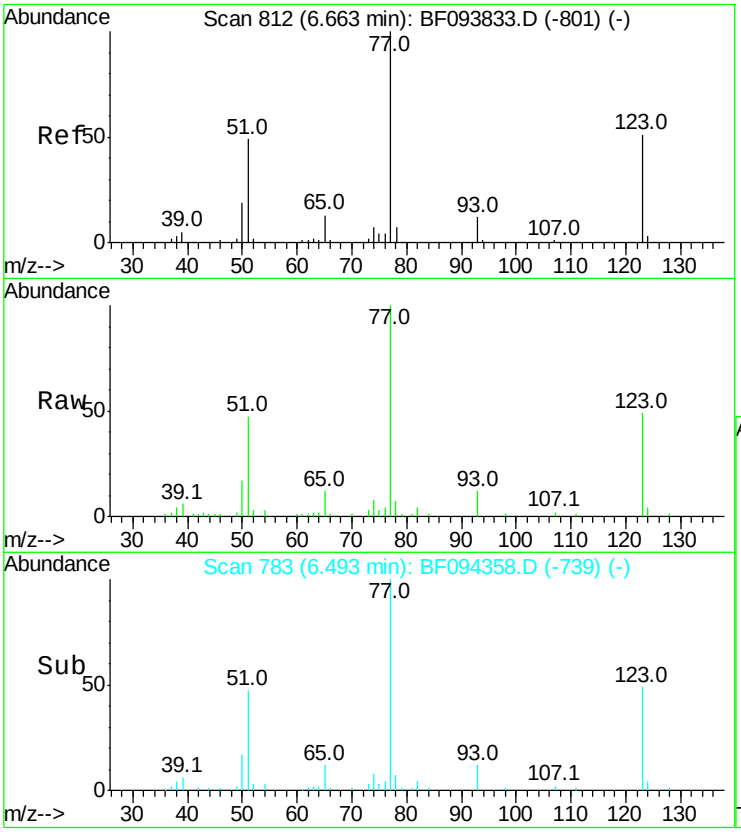


#23
Nitrobenzene-d5
Concen: 82.19 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion: 82 Resp: 832036

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	49.0	42.2	63.2



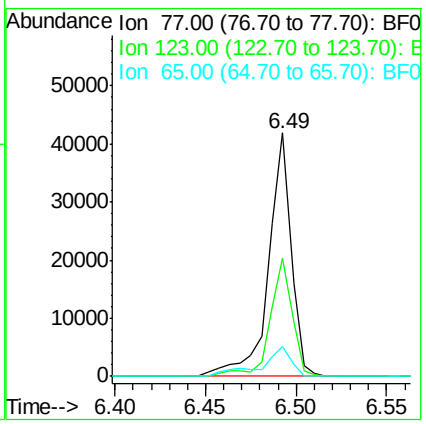


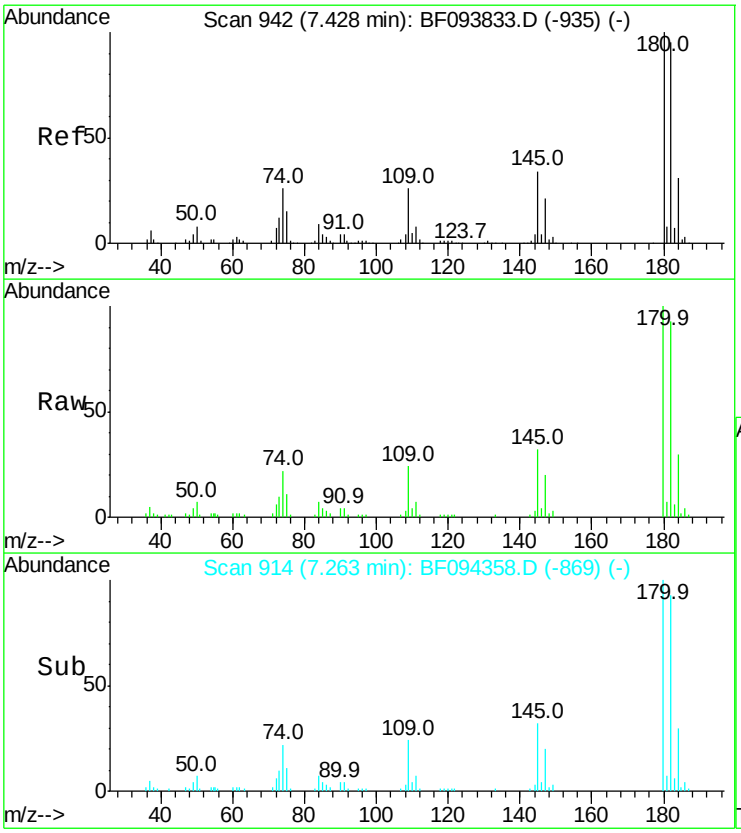
#24
Nitrobenzene
Concen: 3.65 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 36442

Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.8	53.8
65	12.5	10.6	15.8

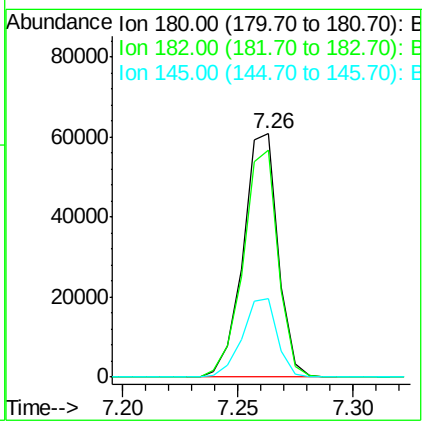


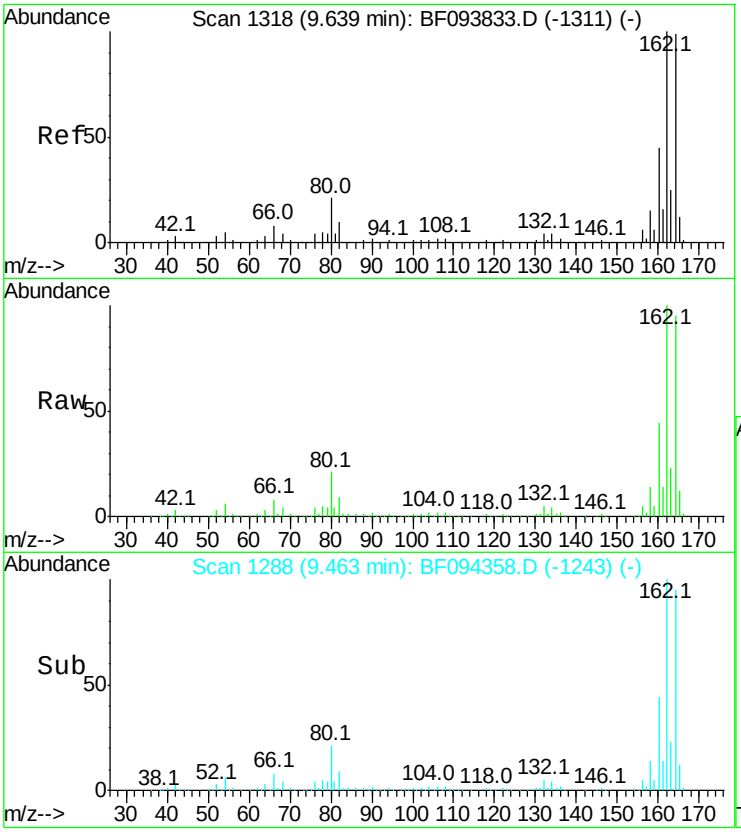


#30
1,2,4-Trichlorobenzene
Concen: 8.16 ng
RT: 7.26 min Scan# 914
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:180 Resp: 64445

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	32.1	25.3	37.9



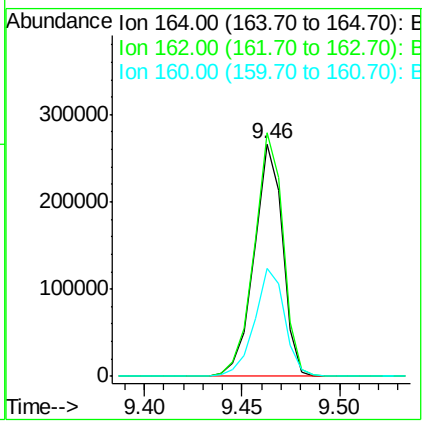


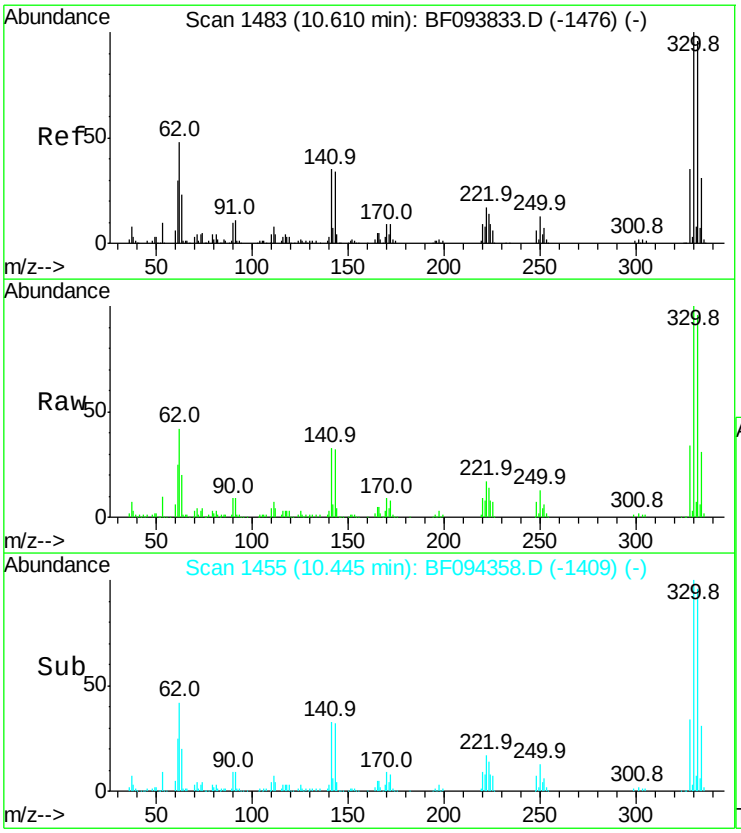
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 268241

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.7	36.2	54.2

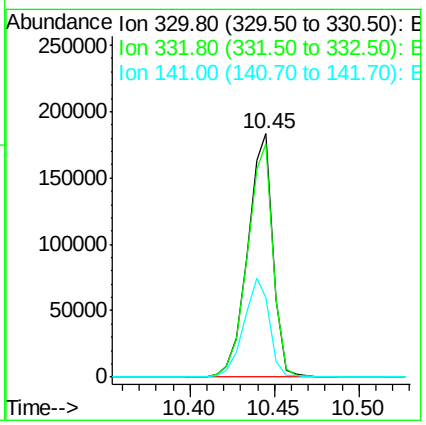


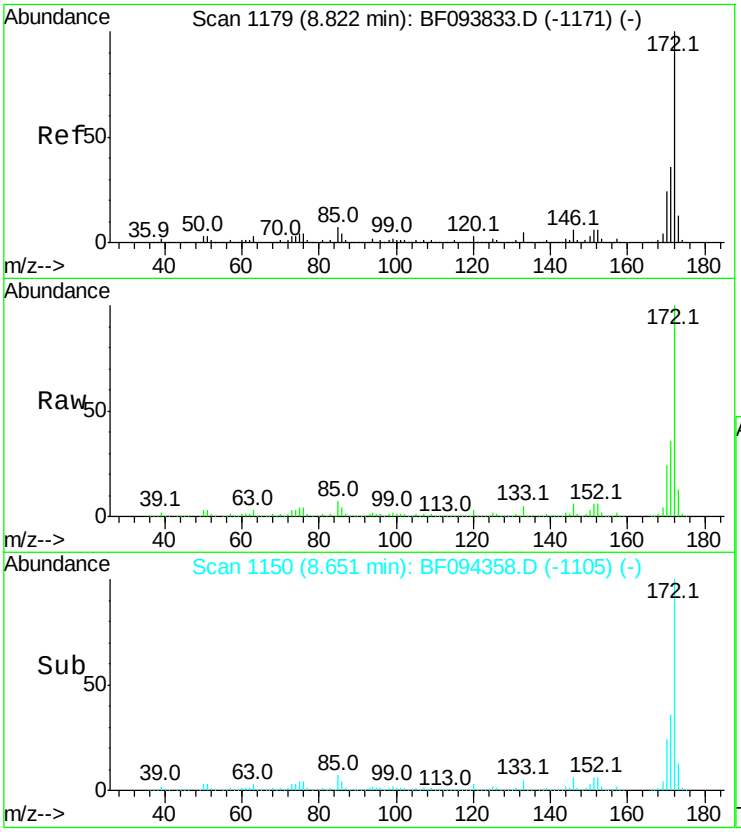


#41
2,4,6-Tribromophenol
Concen: 90.51 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:330 Resp: 191851

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	41.4	31.4	47.2



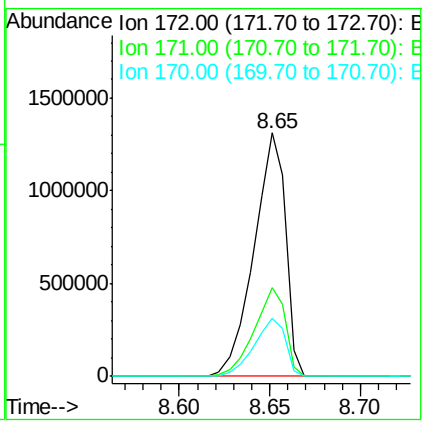


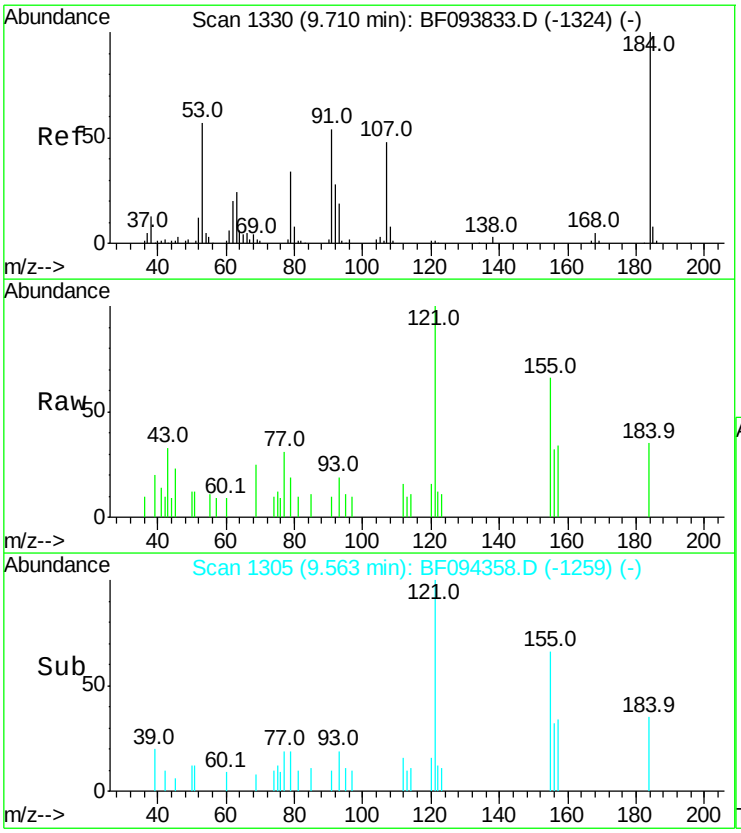
#44
2-Fluorobiphenyl
Concen: 90.12 ng
RT: 8.65 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1584884

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

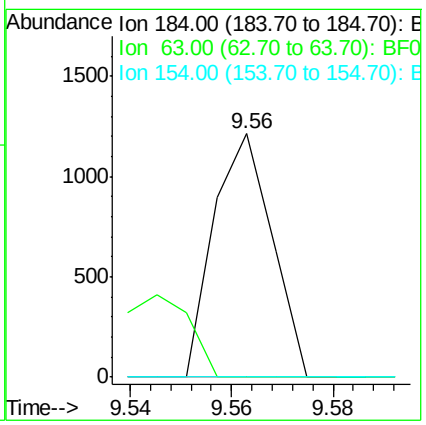


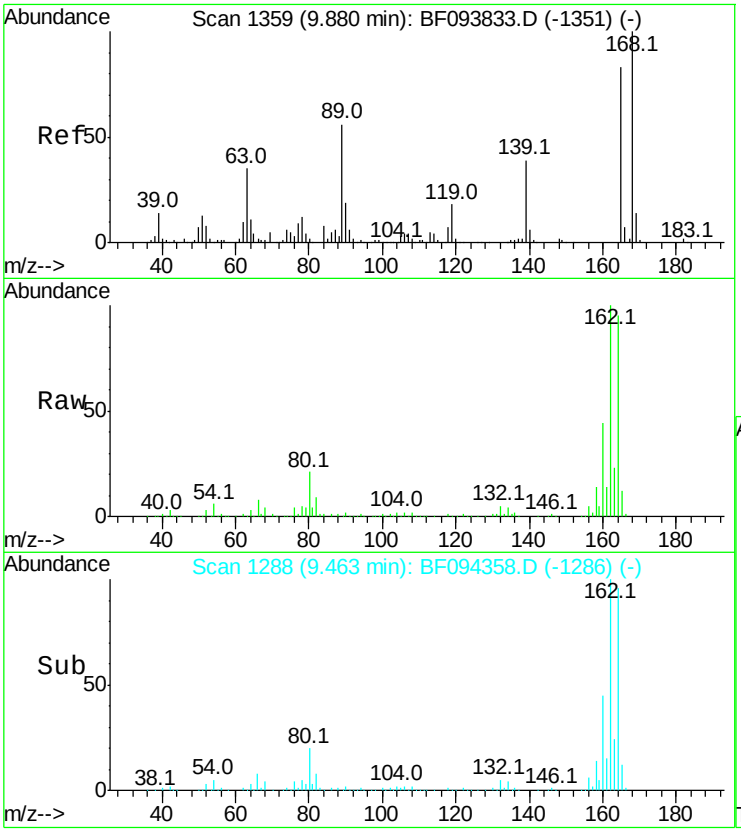


#53
2,4-Dinitrophenol
Concen: 5.05 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:184 Resp: 965

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



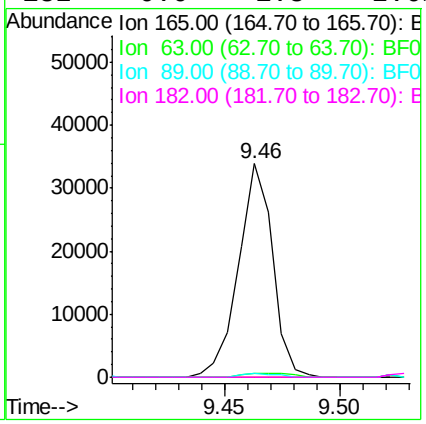


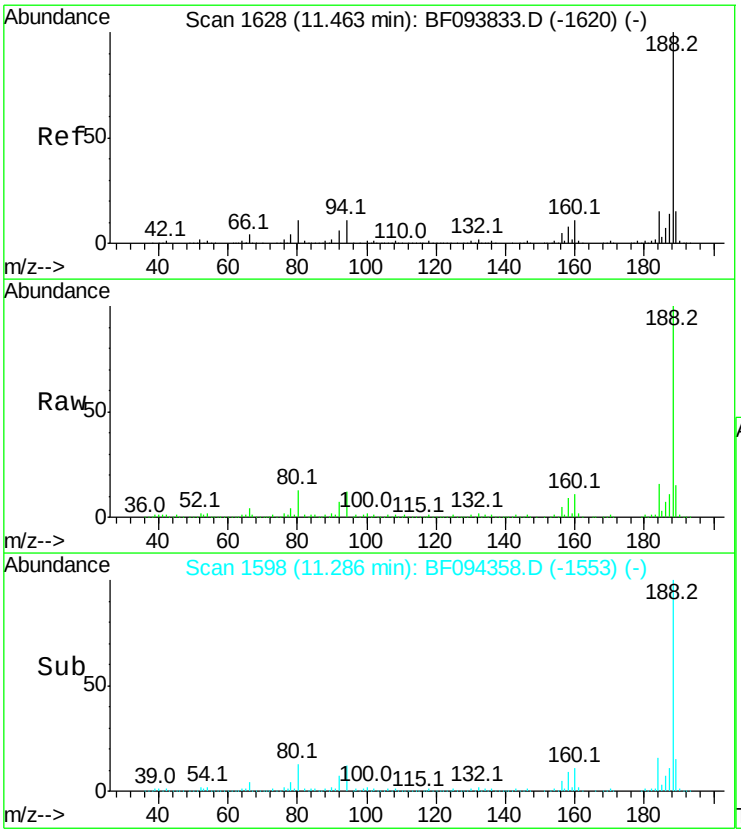
#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.29 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34982

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

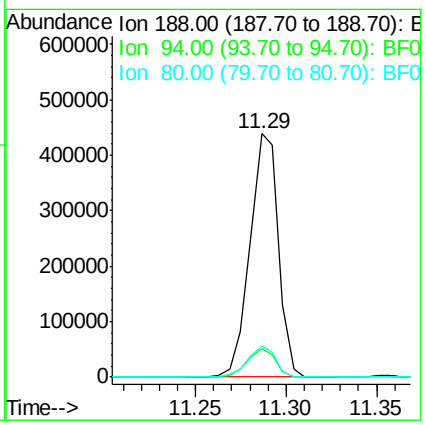


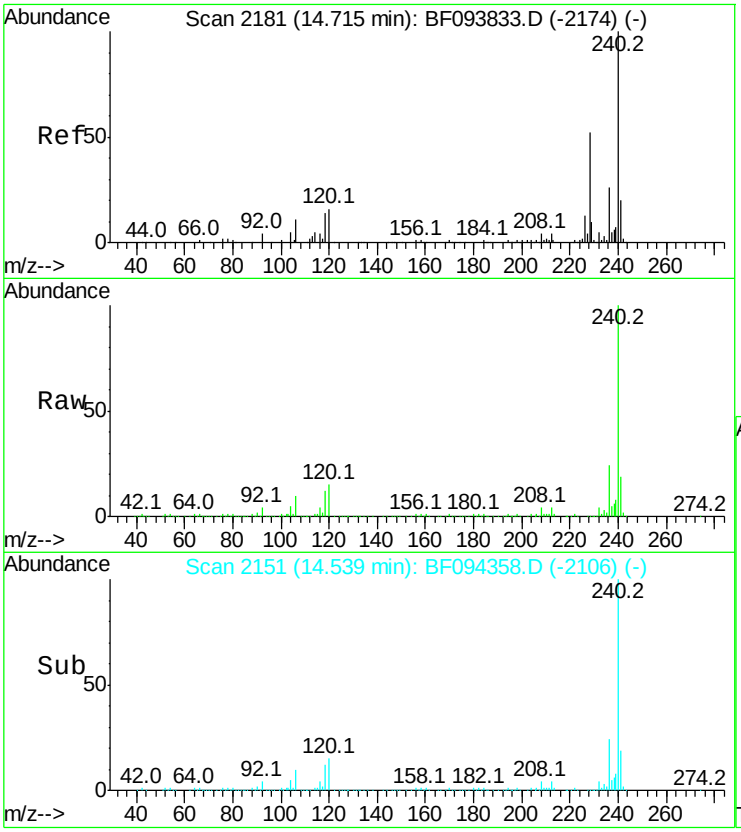


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1598
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:188 Resp: 477712

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.7	10.2	15.2



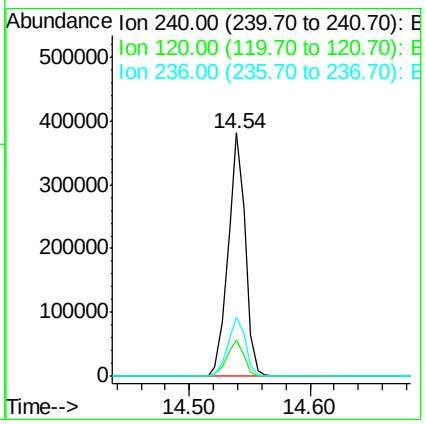


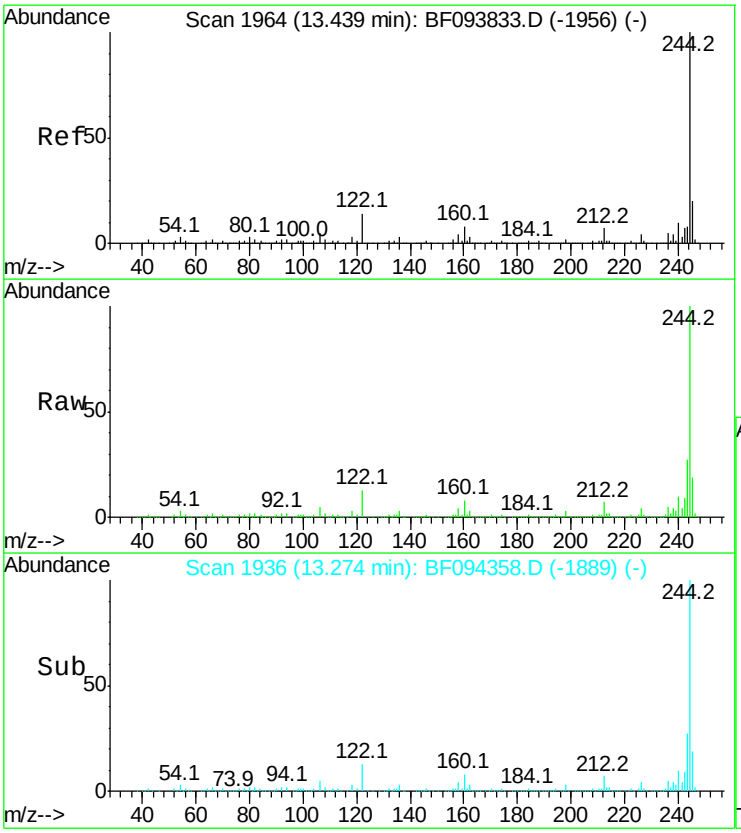
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2151
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 374620

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.4	20.5	30.7

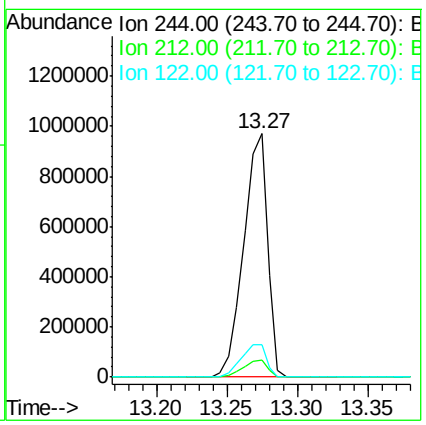


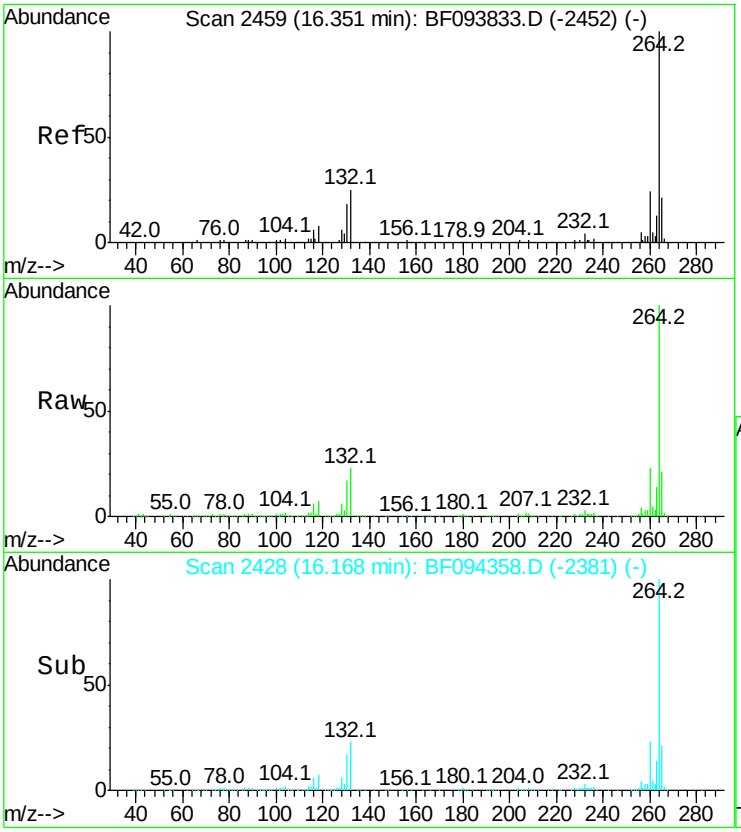


#78
Terphenyl-d14
Concen: 68.83 ng
RT: 13.27 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:244 Resp: 1150387

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2428
Delta R.T. -0.02 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 255415

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.6	17.2	25.8