Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094366.D
Acq On : 11 Apr 2017 22:36
Operator : SJ/MA
Sample : I2624-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 00:53:23 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	5.83	152	134820	20.00	ng		-0.03
21) Naphthalene-d8	7.33	136	510604	20.00	ng		-0.03
38) Acenaphthene-d10	9.47	164	203592	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	323951	20.00	ng		-0.02
75) Chrysene-d12	14.56	240	269841	20.00	ng		-0.02
86) Perylene-d12	16.19	264	217614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	714788	89.55	ng		0.00
7) Phenol-d6	5.47	99	948005	96.00	ng		0.00
23) Nitrobenzene-d5	6.48	82	574617	64.22	ng		-0.03
41) 2,4,6-Tribromophenol	10.45	330	145094	90.19	ng		-0.02
44) 2-Fluorobiphenyl	8.66	172	966146	72.38	ng		-0.03
78) Terphenyl-d14	13.28	244	616308	51.19	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	5.59	77	16924	2.54	ng		87
10) Phenol	5.48	94	73740	6.56	ng		87
11) bis(2-Chloroethyl)ether	5.49	93	33929	3.86	ng	#	22
19) n-Nitroso-di-n-propylamine	6.48	70	77072	12.14	ng	#	75
20) 3+4-Methylphenols	6.34	107	21457	2.36	ng	#	59
22) Acetophenone	6.30	105	28795	2.53	ng	#	84
32) Benzoic acid	7.07	122	10577	2.19	ng		85
49) Dimethylphthalate	9.16	163	259330	17.92	ng		98
56) 2,4-Dinitrotoluene	9.47	165	25978	6.23	ng	#	34
74) Fluoranthene	12.79	202	44024	2.39	ng		98
77) Pyrene	13.06	202	39334	2.01	ng	#	96
87) Benzo(b)fluoranthene	15.78	252	30495	2.29	ng	#	47
88) Benzo(k)fluoranthene	15.78	252	30495	2.34	ng	#	53

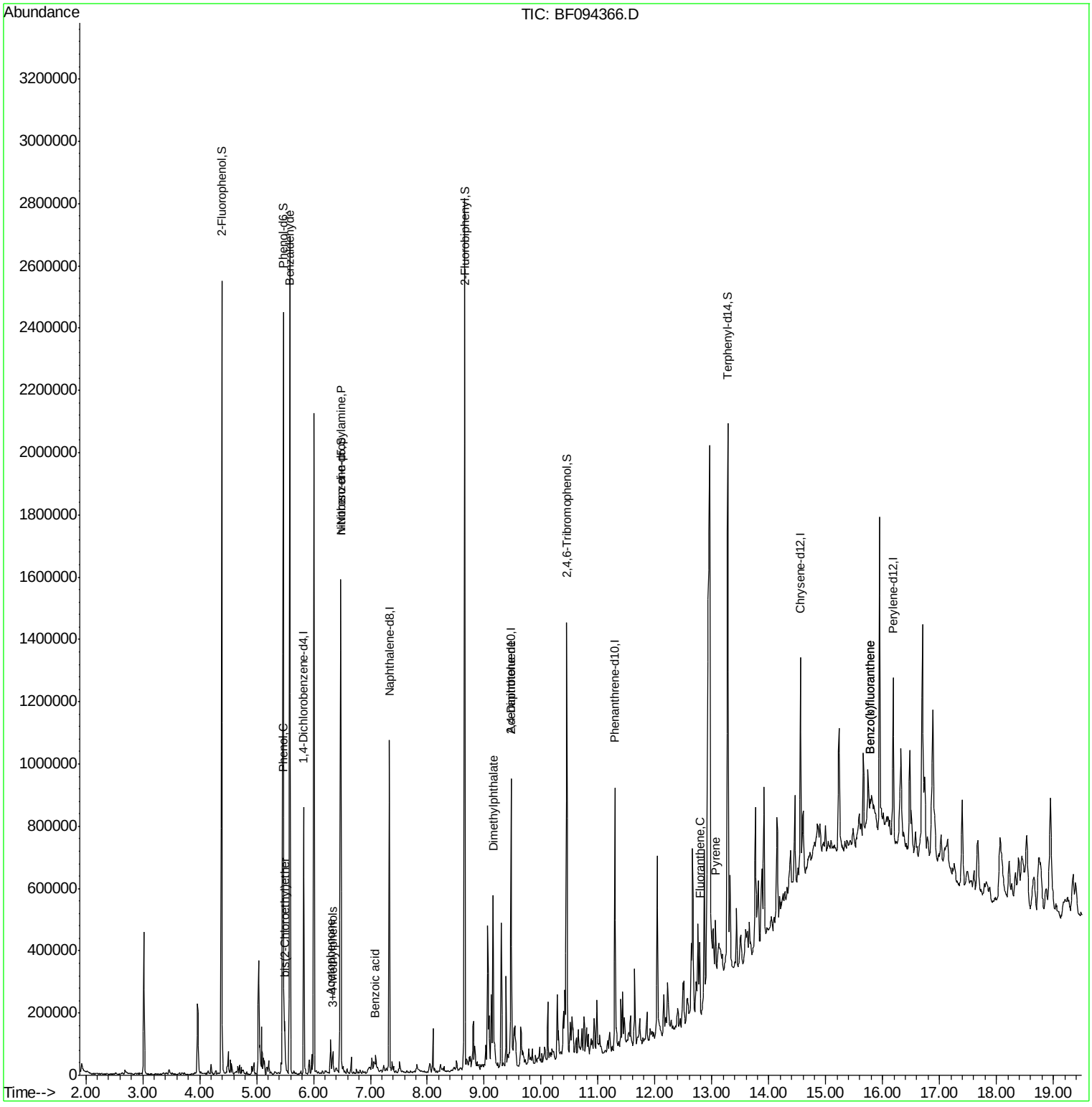
(#) = qualifier out of range (m) = manual integration (+) = signals summed

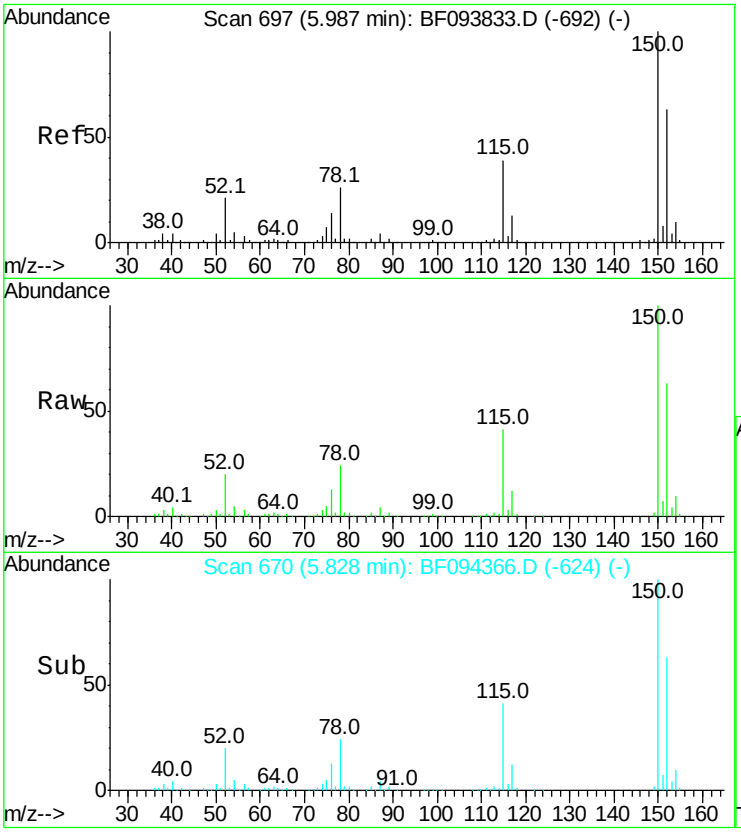
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094366.D
Acq On : 11 Apr 2017 22:36
Operator : SJ/MA
Sample : I2624-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 00:53:23 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

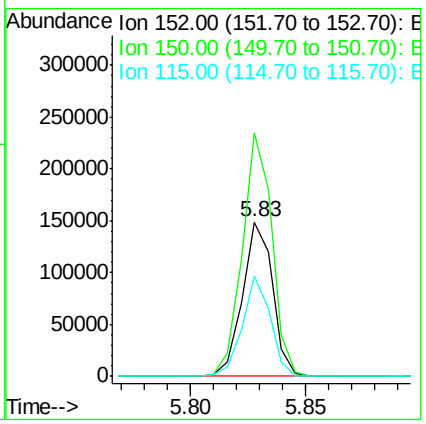




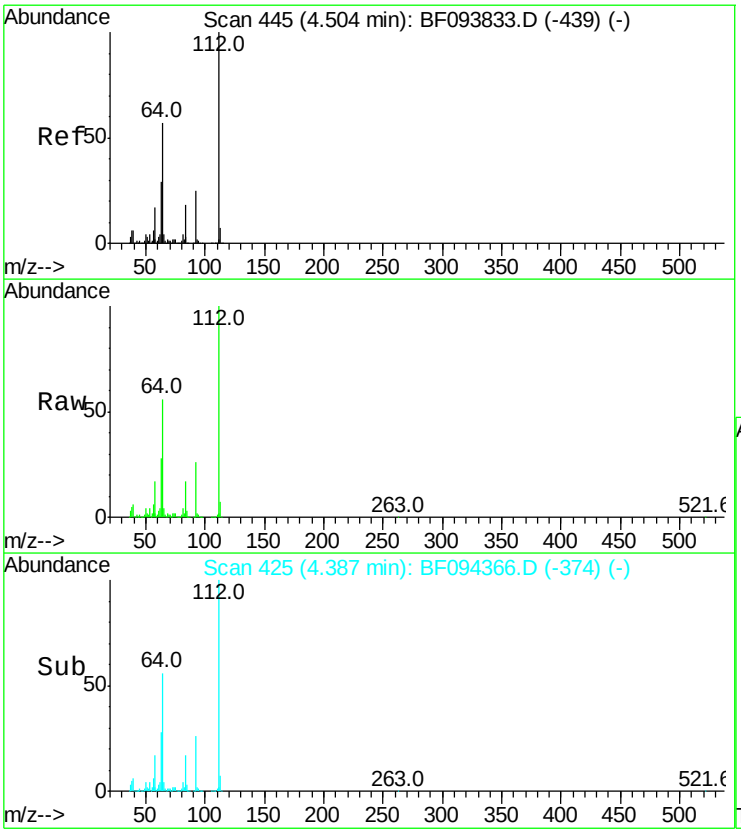
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:152 Resp: 134820

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	64.8	52.2	78.2



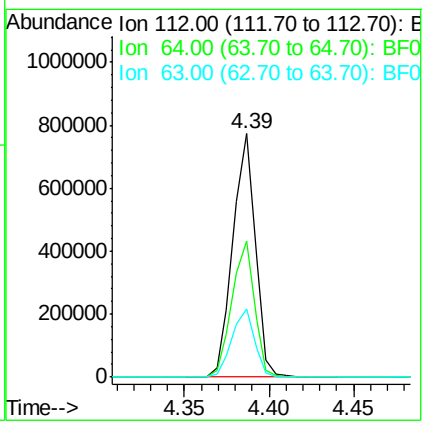
Instrument :
BNA_F
ClientSampleId :

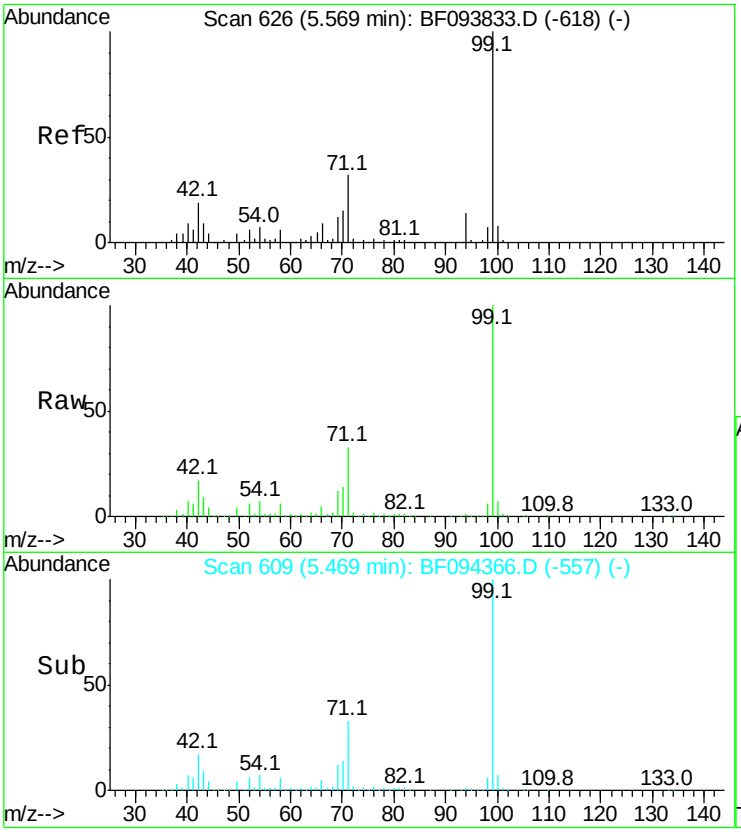


#5
2-Fluorophenol
Concen: 89.55 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:112 Resp: 714788

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	28.2	23.4	35.0



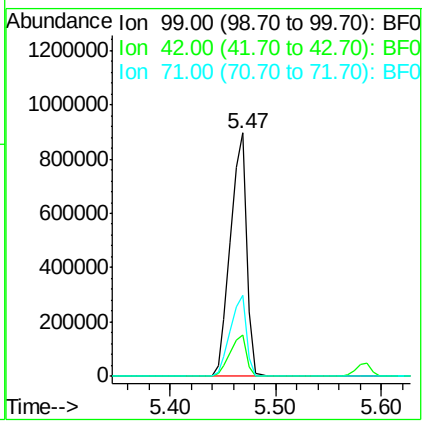


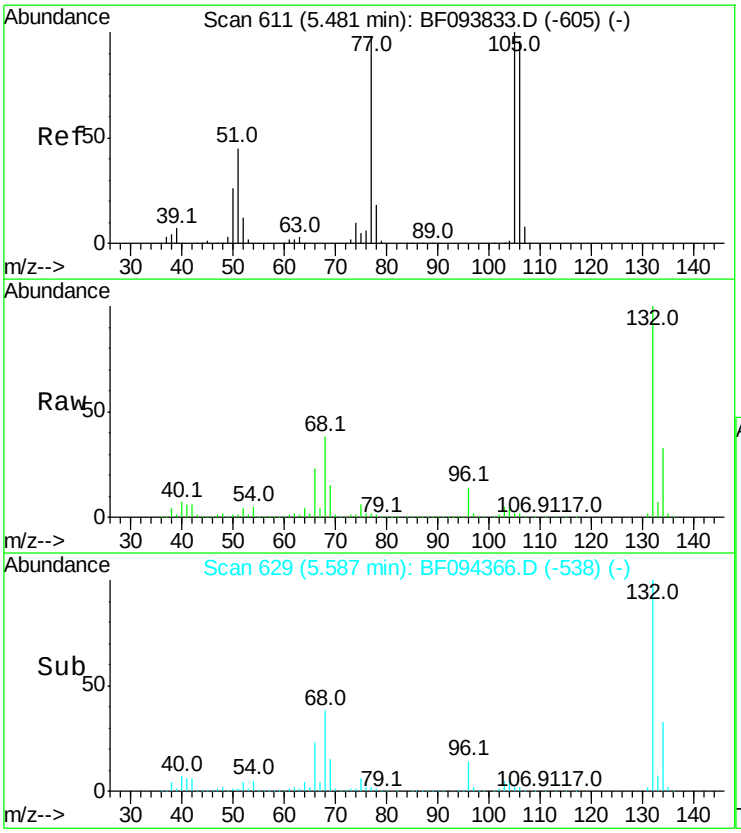
#7
Phenol-d6
Concen: 96.00 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 948005

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.1	24.5	36.7

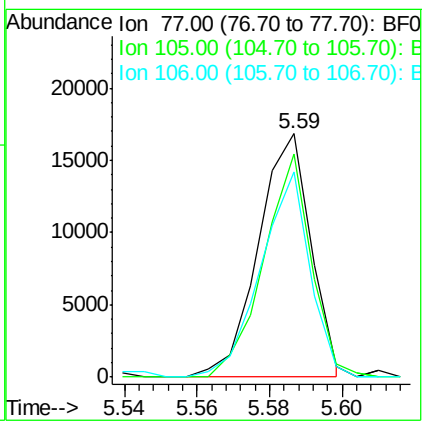


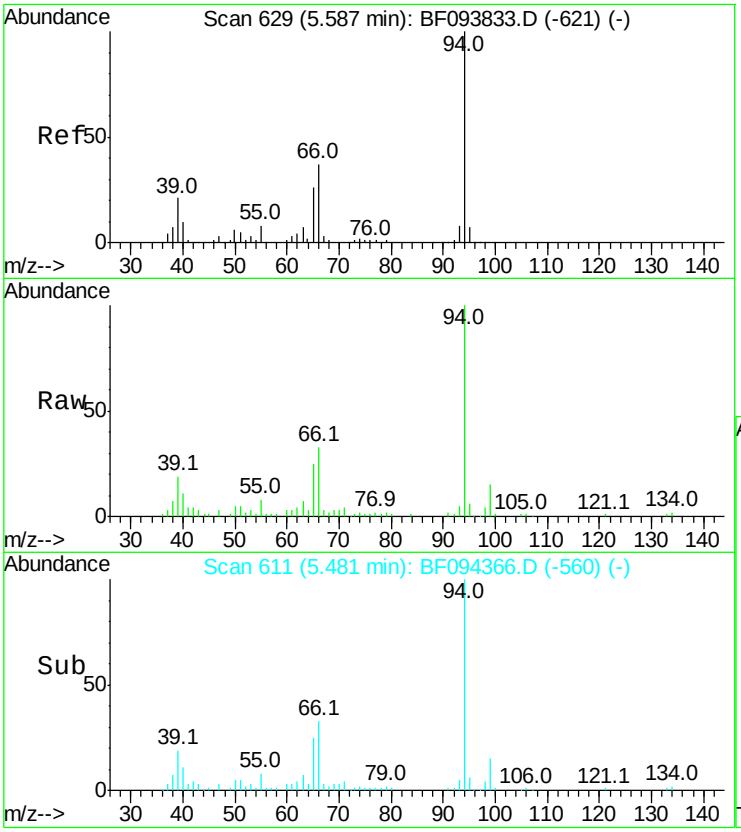


#9
Benzaldehyde
Concen: 2.54 ng
RT: 5.59 min Scan# 629
Delta R.T. 0.24 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion: 77 Resp: 16924

Ion	Ratio	Lower	Upper
77	100		
105	91.9	83.8	123.8
106	84.3	79.1	119.1



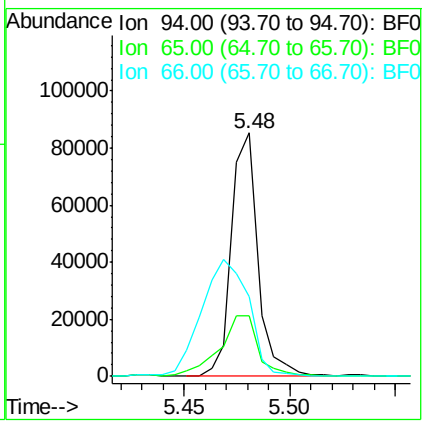


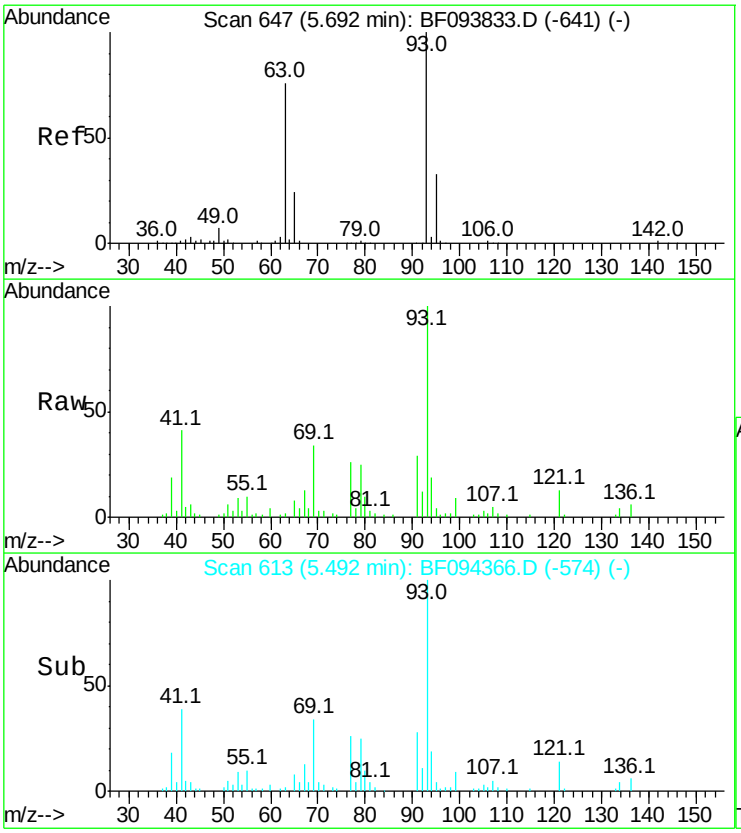
#10
Phenol
Concen: 6.56 ng
RT: 5.48 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 73740

Ion	Ratio	Lower	Upper
94	100		
65	25.1	9.9	49.9
66	32.5	23.1	63.1

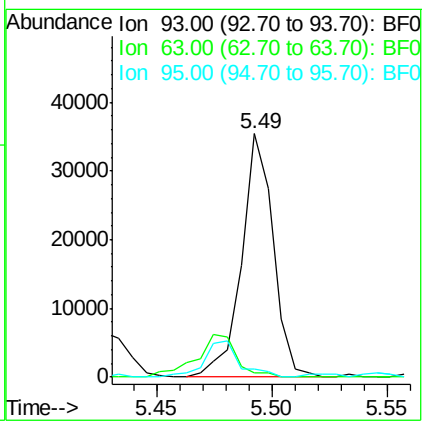


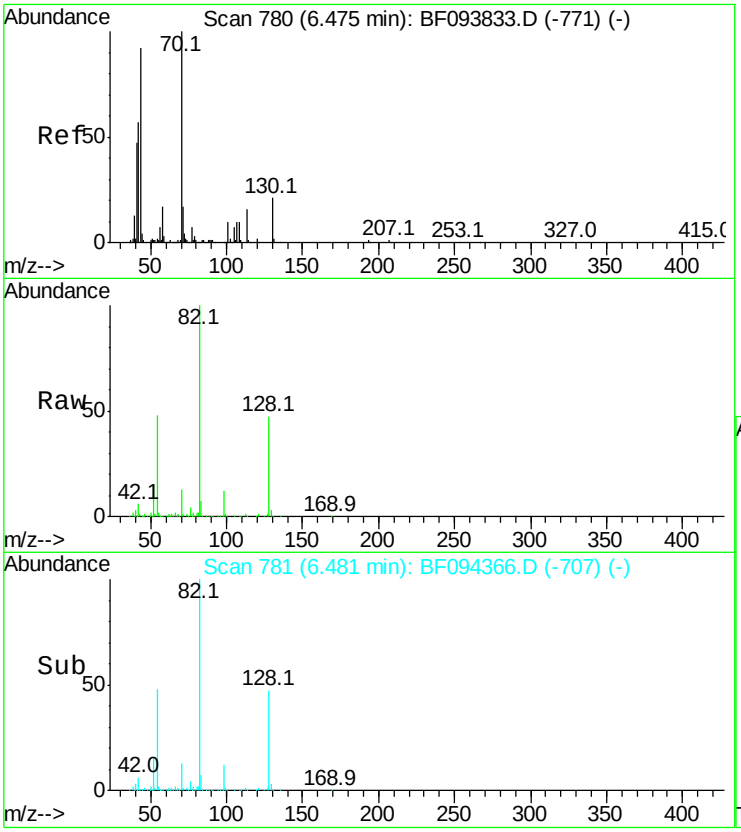


#11
bis(2-Chloroethyl)ether
Concen: 3.86 ng
RT: 5.49 min Scan# 613
Delta R.T. -0.07 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion: 93 Resp: 33929

Ion	Ratio	Lower	Upper
93	100		
63	1.6	59.2	99.2#
95	3.6	12.8	52.8#



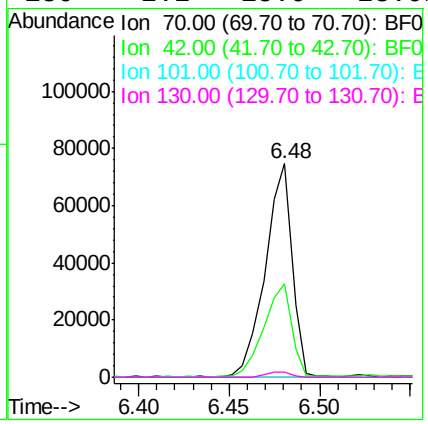


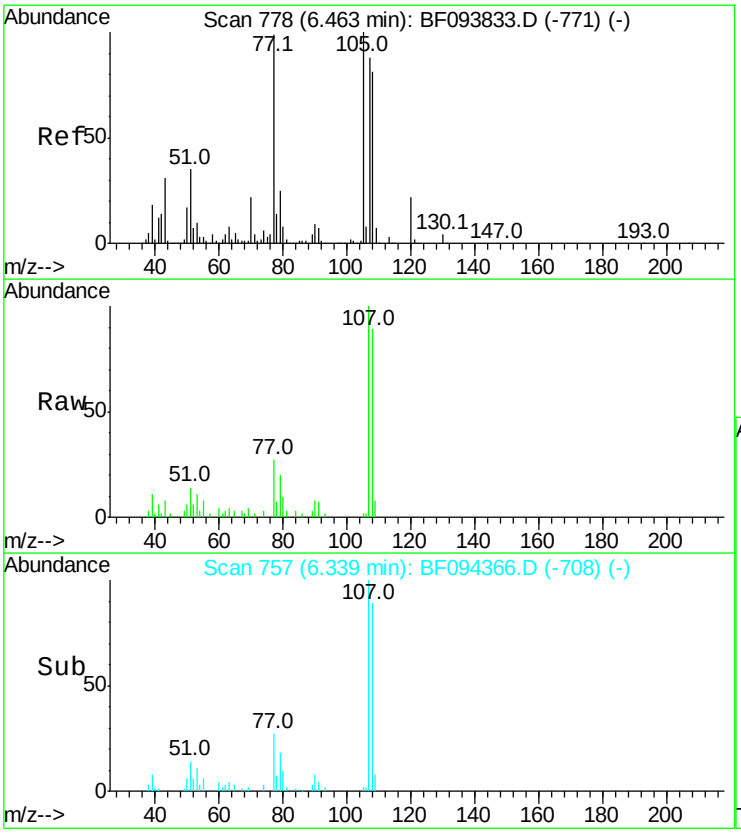
#19
n-Nitroso-di-n-propylamine
Concen: 12.14 ng
RT: 6.48 min Scan# 781
Delta R.T. 0.14 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 77072

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

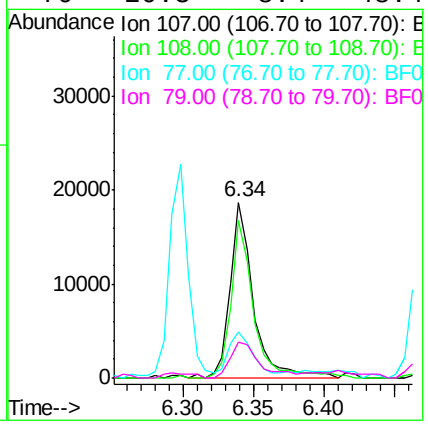


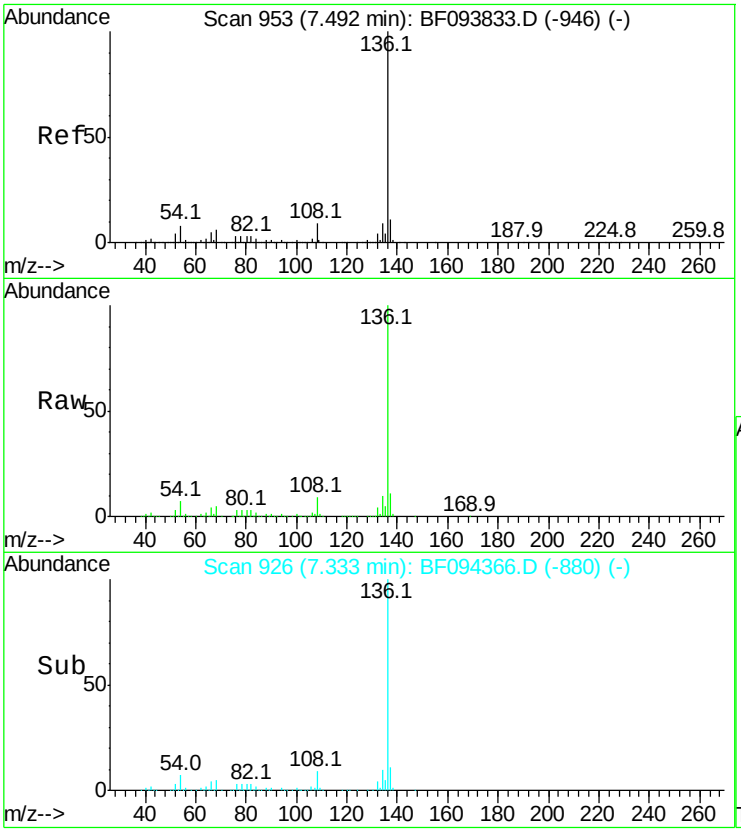


#20
3+4-Methylphenols
Concen: 2.36 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:107 Resp: 21457

Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	26.6	90.5	130.5#
79	20.3	8.4	48.4



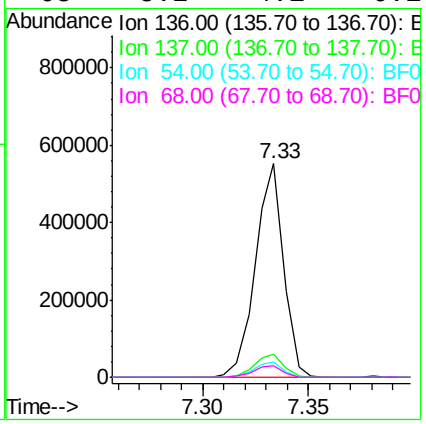


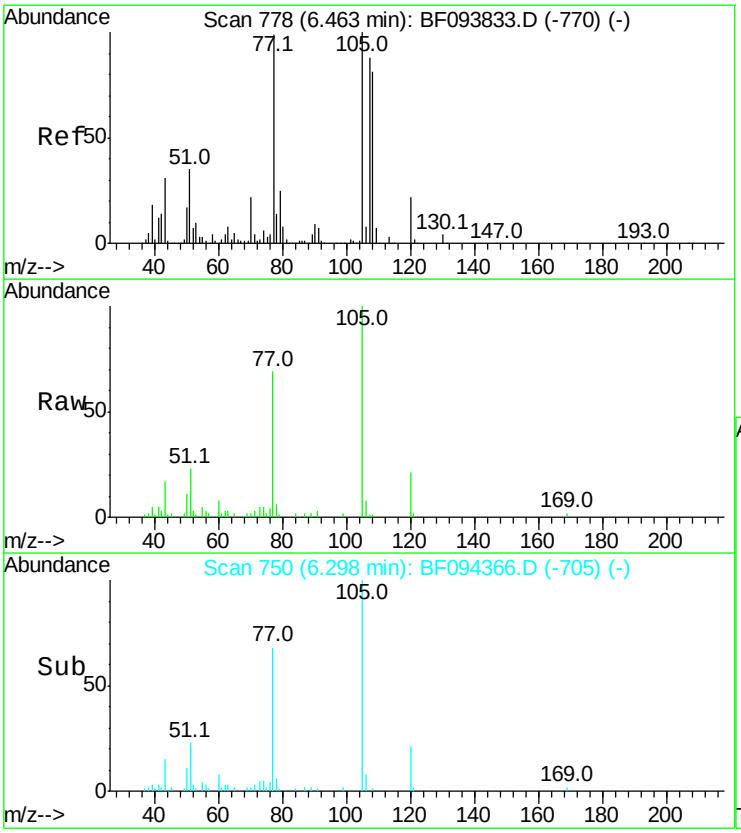
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 510604

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	5.2	4.1	6.1

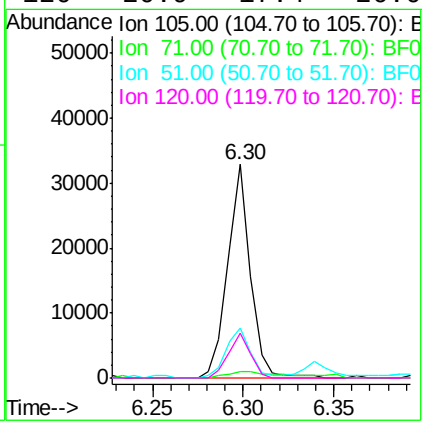


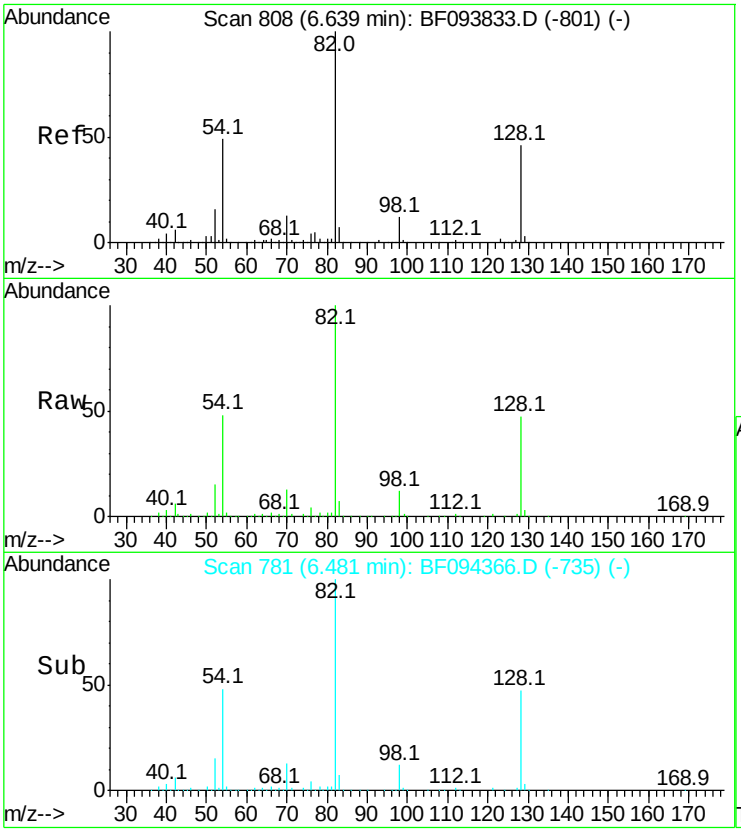


#22
Acetophenone
Concen: 2.53 ng
RT: 6.30 min Scan# 750
Delta R.T. -0.04 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:105 Resp: 28795

Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.8	4.2#
51	23.1	30.7	46.1#
120	20.9	17.4	26.0



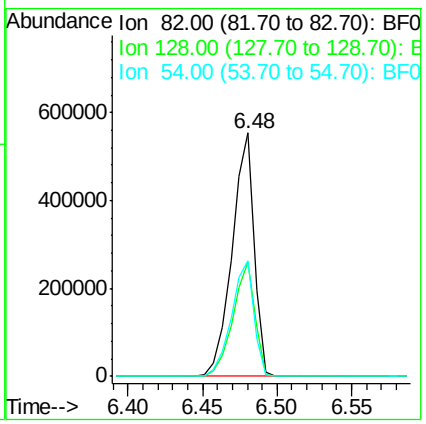


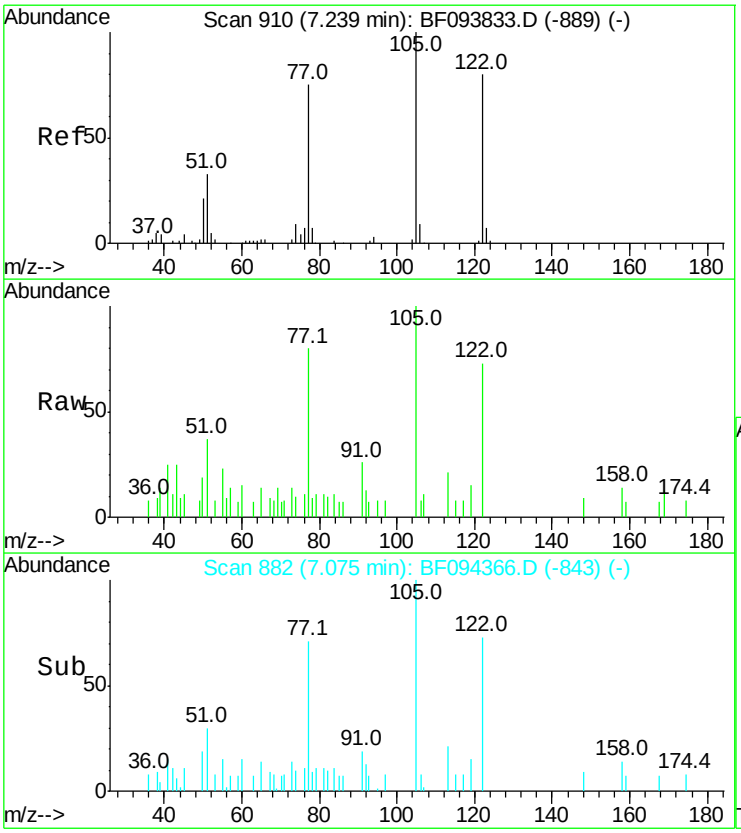
#23
Nitrobenzene-d5
Concen: 64.22 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 574617

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	47.5	42.2	63.2

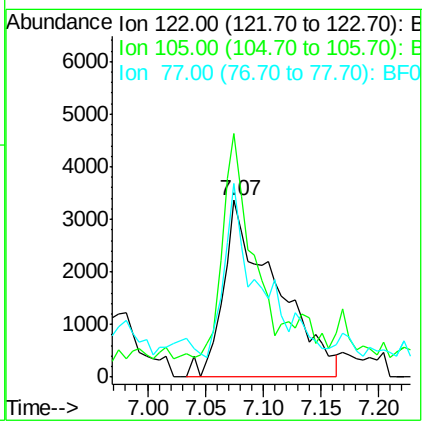


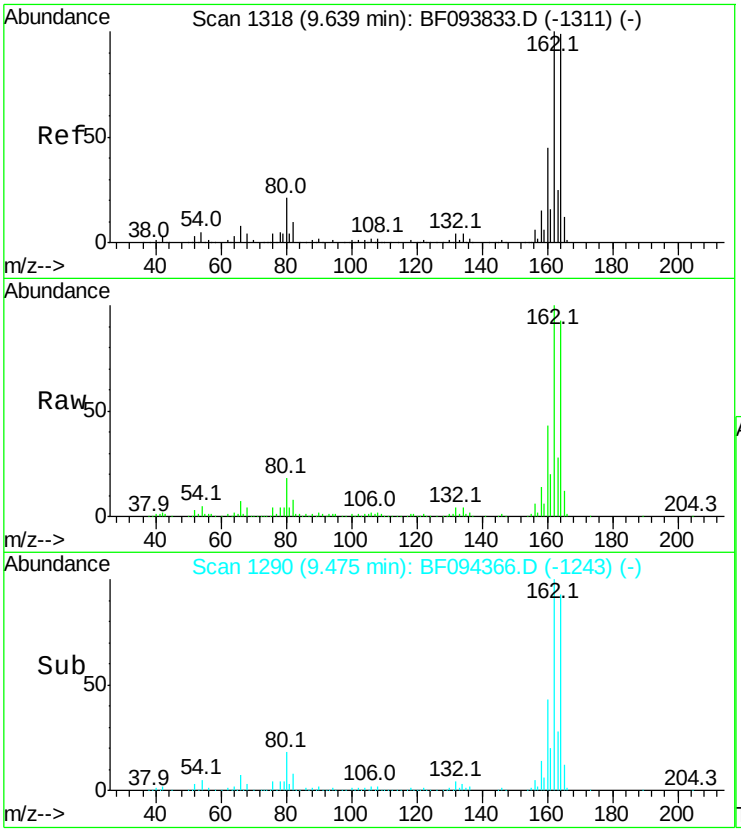


#32
Benzoic acid
Concen: 2.19 ng
RT: 7.07 min Scan# 882
Delta R.T. -0.07 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:122 Resp: 10577

Ion	Ratio	Lower	Upper
122	100		
105	137.8	103.3	143.3
77	109.9	73.7	113.7



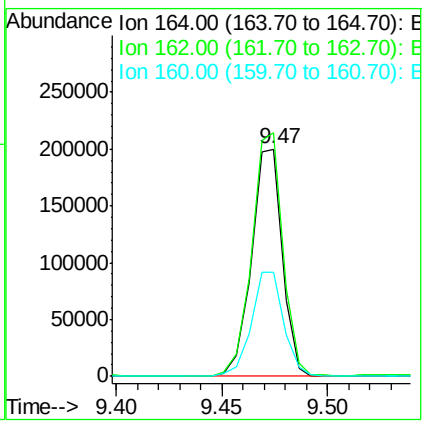


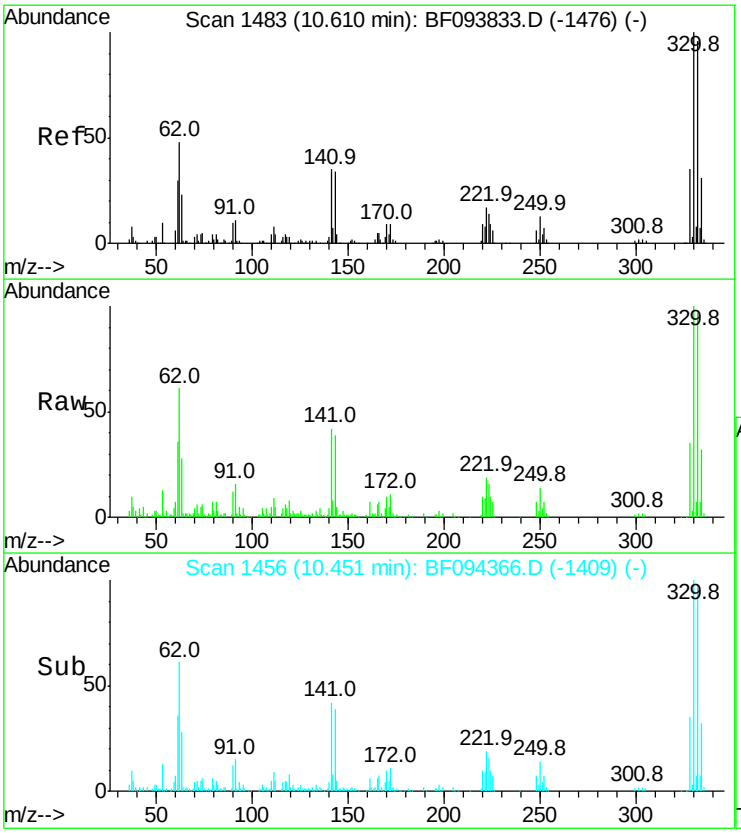
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 203592

Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.6	123.8
160	45.8	36.2	54.2

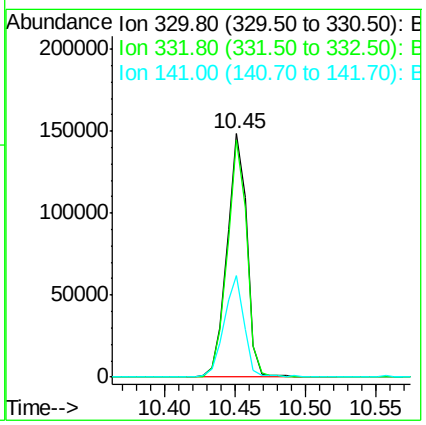


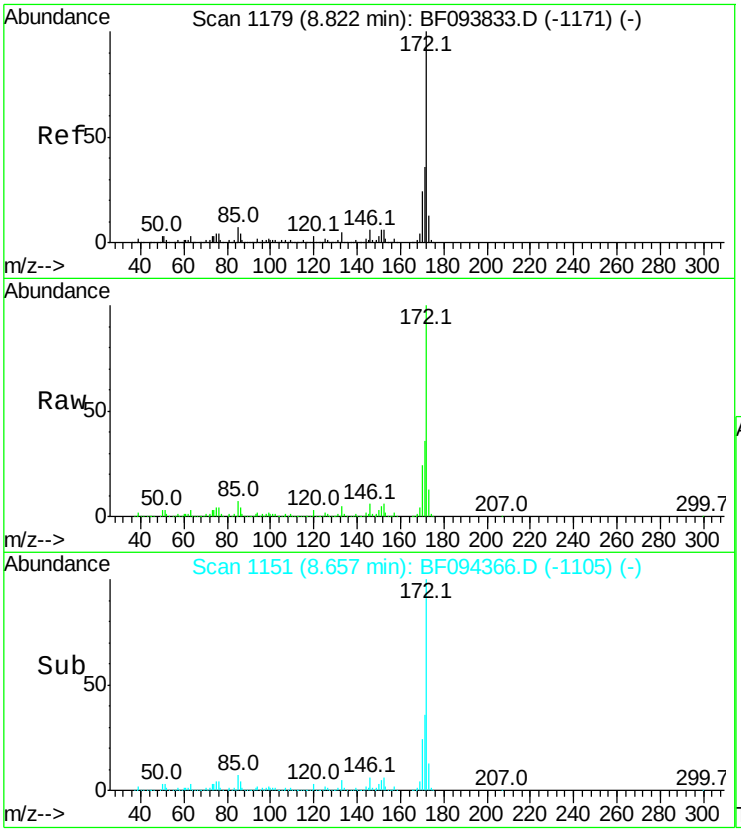


#41
2,4,6-Tribromophenol
Concen: 90.19 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:330 Resp: 145094

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	43.6	31.4	47.2



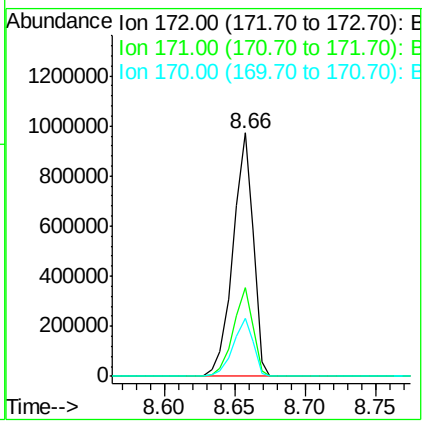


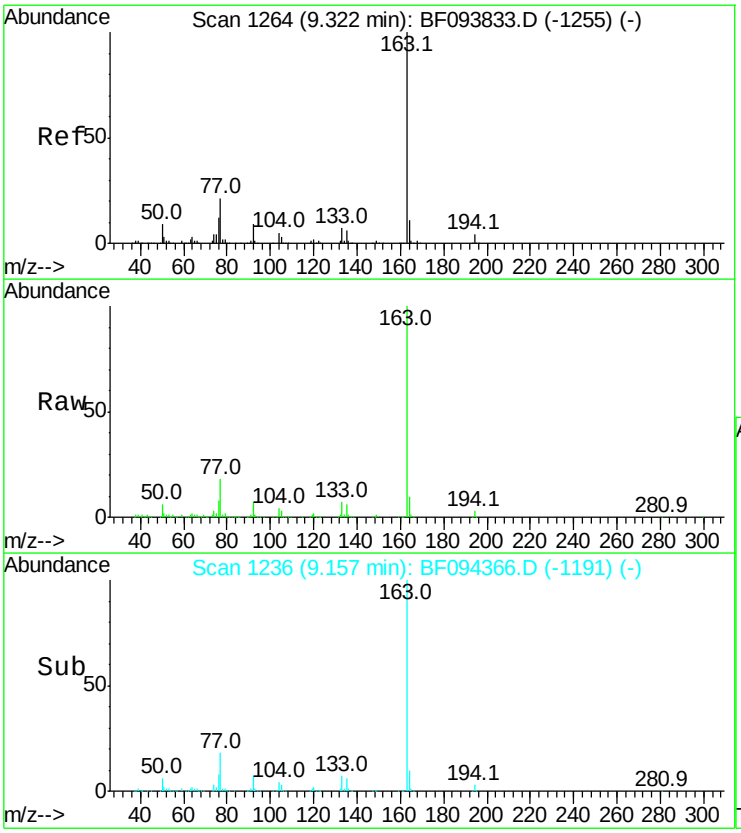
#44
2-Fluorobiphenyl
Concen: 72.38 ng
RT: 8.66 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 966146

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.7	19.8	29.8

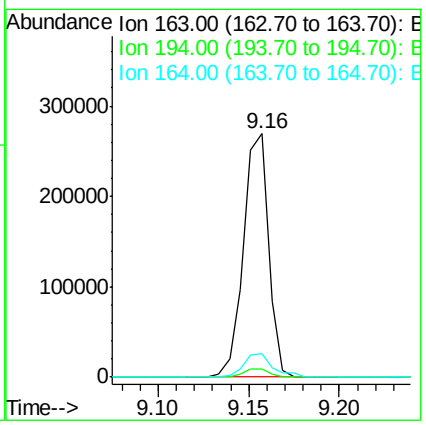


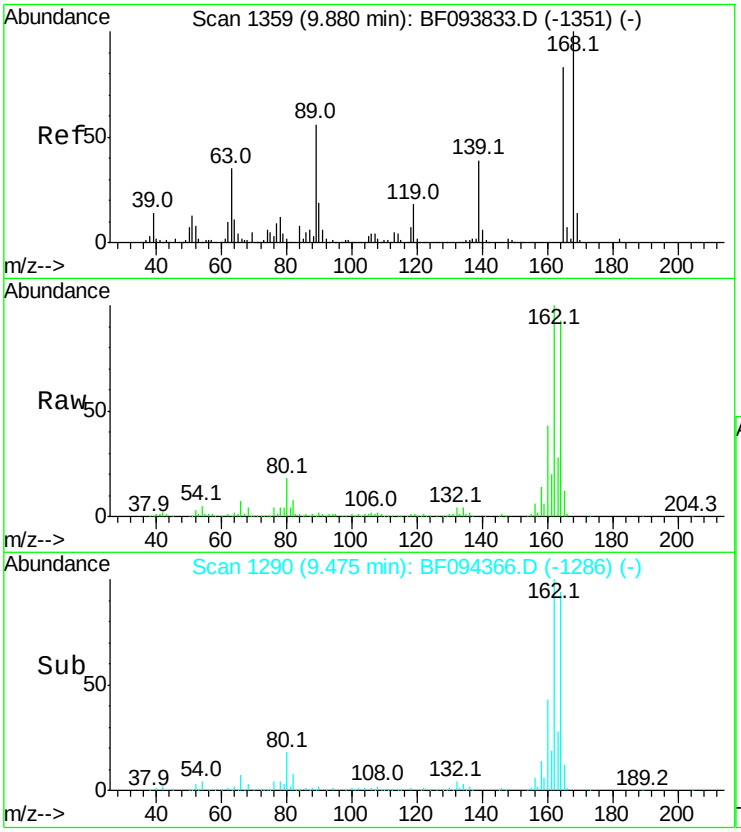


#49
Dimethylphthalate
Concen: 17.92 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:163 Resp: 259330

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6



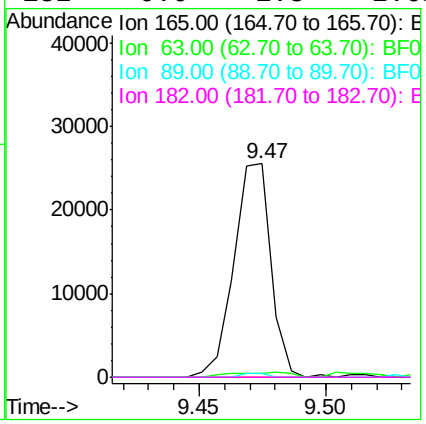


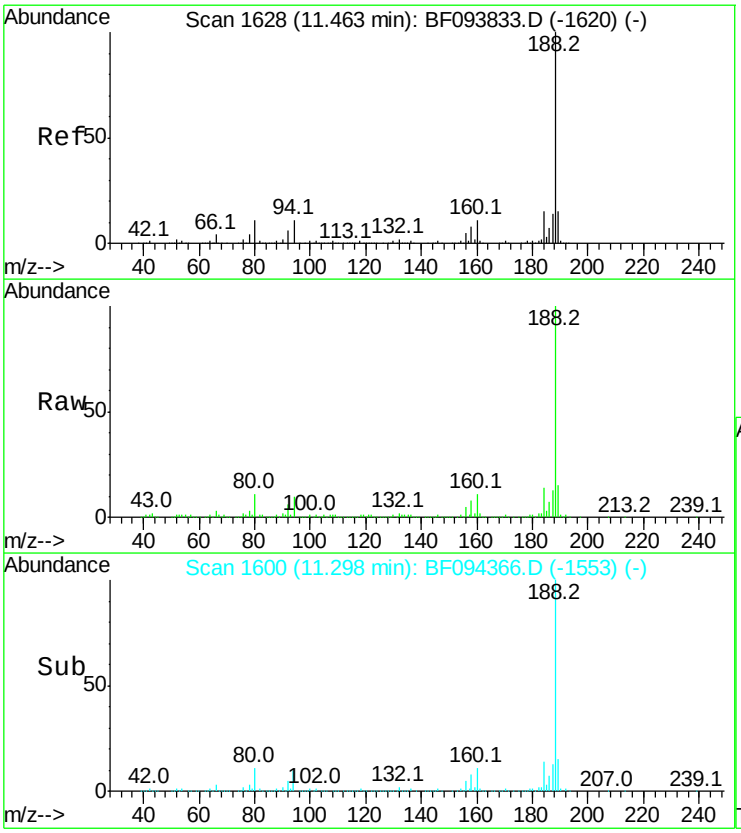
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.28 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25978

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

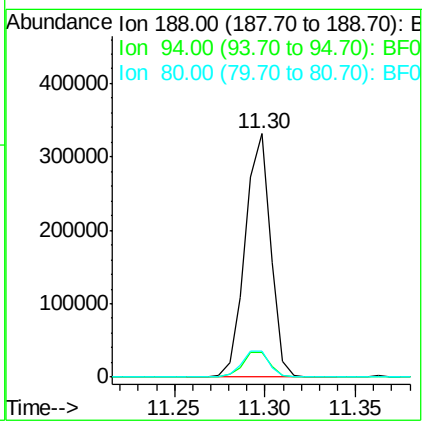


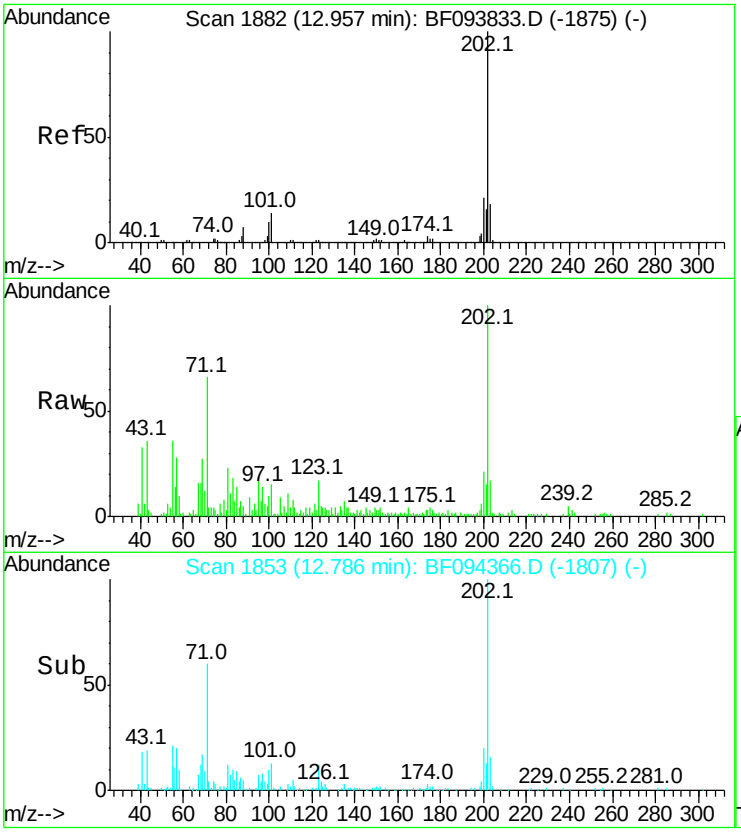


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:188 Resp: 323951

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2



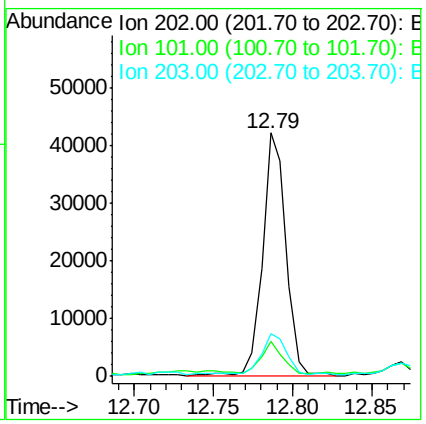


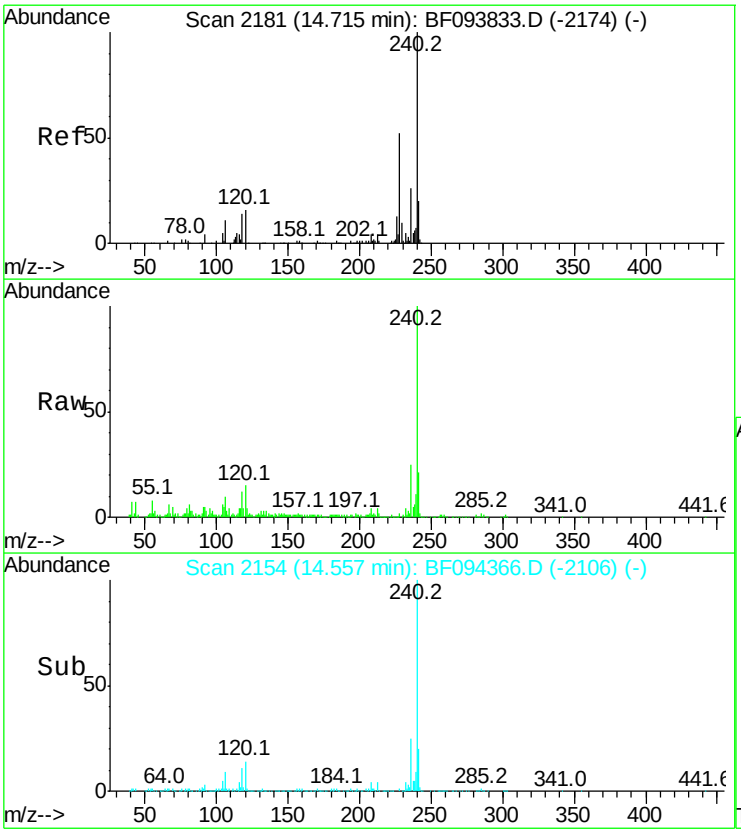
#74
Fluoranthene
Concen: 2.39 ng
RT: 12.79 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 44024

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.2
203	17.4	0.0	38.1

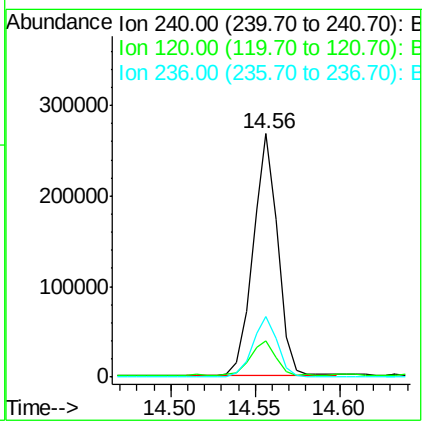


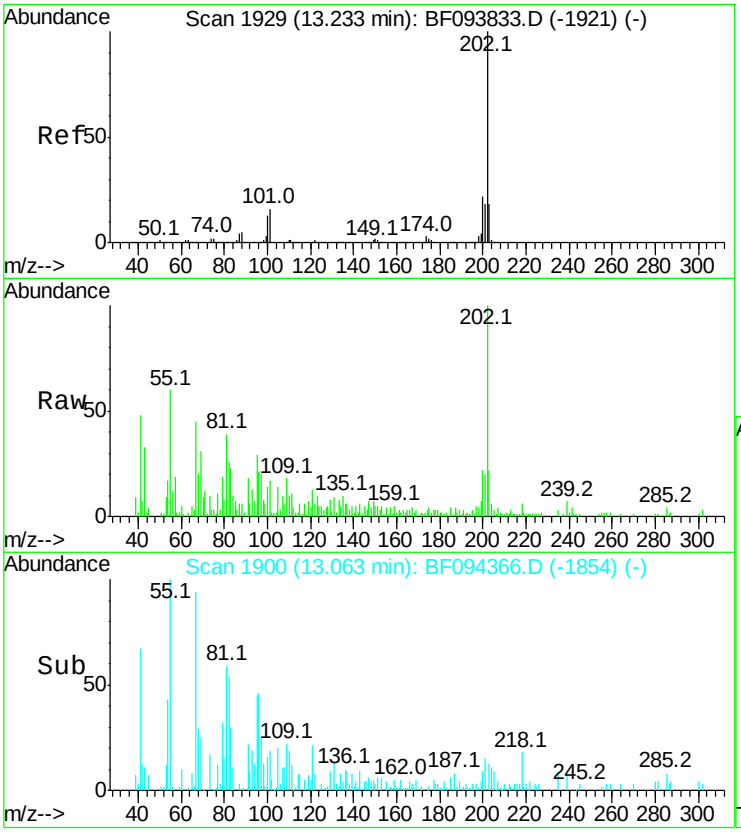


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:240 Resp: 269841

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.9	20.5	30.7



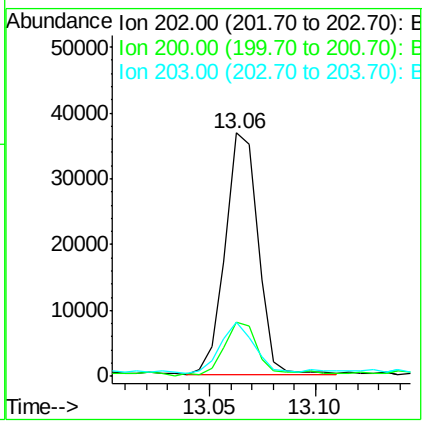


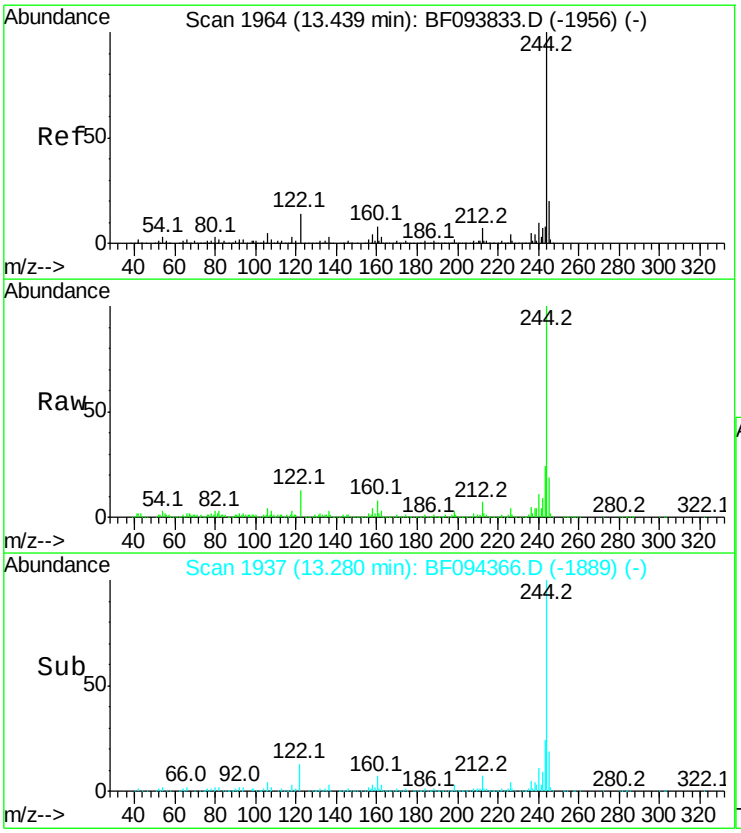
#77
Pyrene
Concen: 2.01 ng
RT: 13.06 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 39334

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	22.0	14.4	21.6#

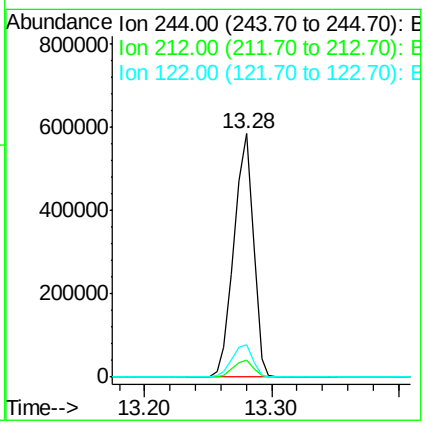


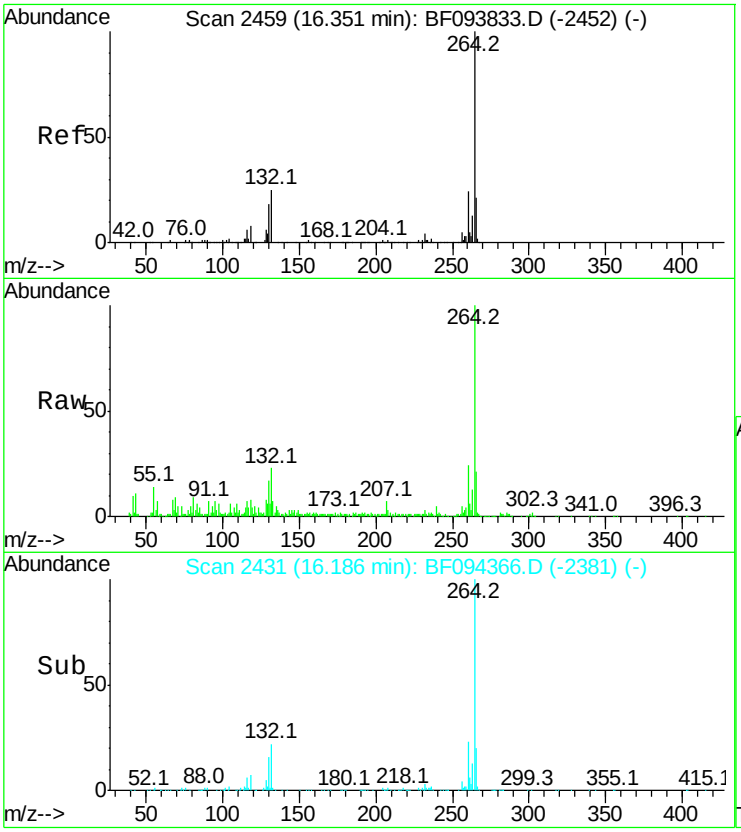


#78
Terphenyl-d14
Concen: 51.19 ng
RT: 13.28 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:244 Resp: 616308

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.4	10.3	15.5



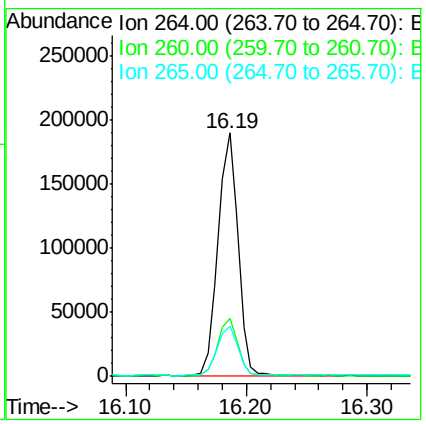


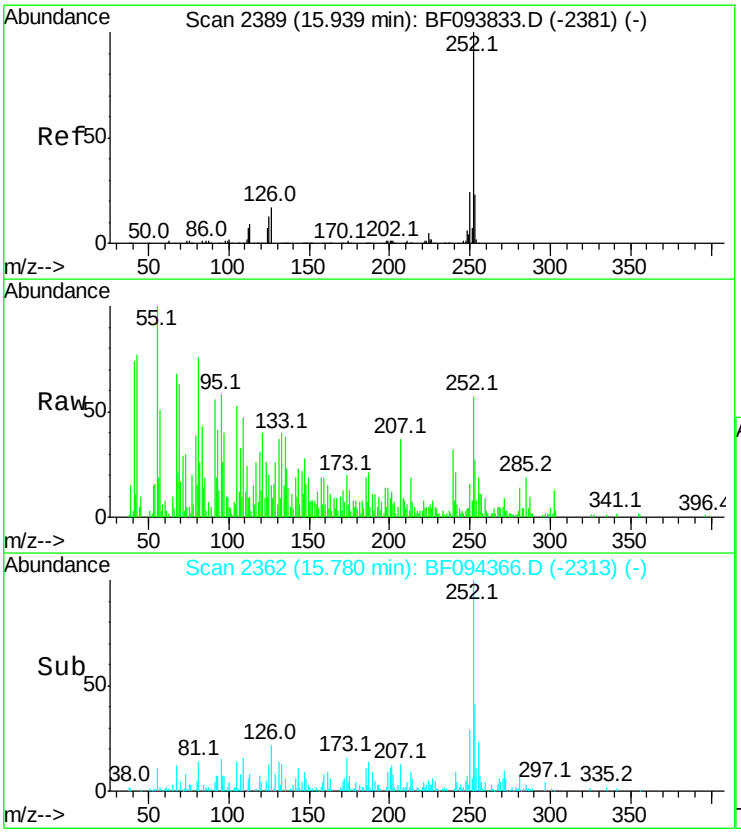
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 217614

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.5	17.2	25.8

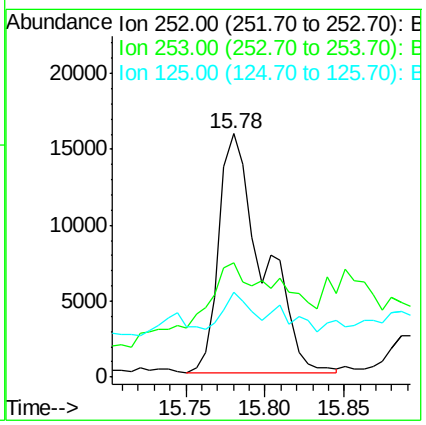


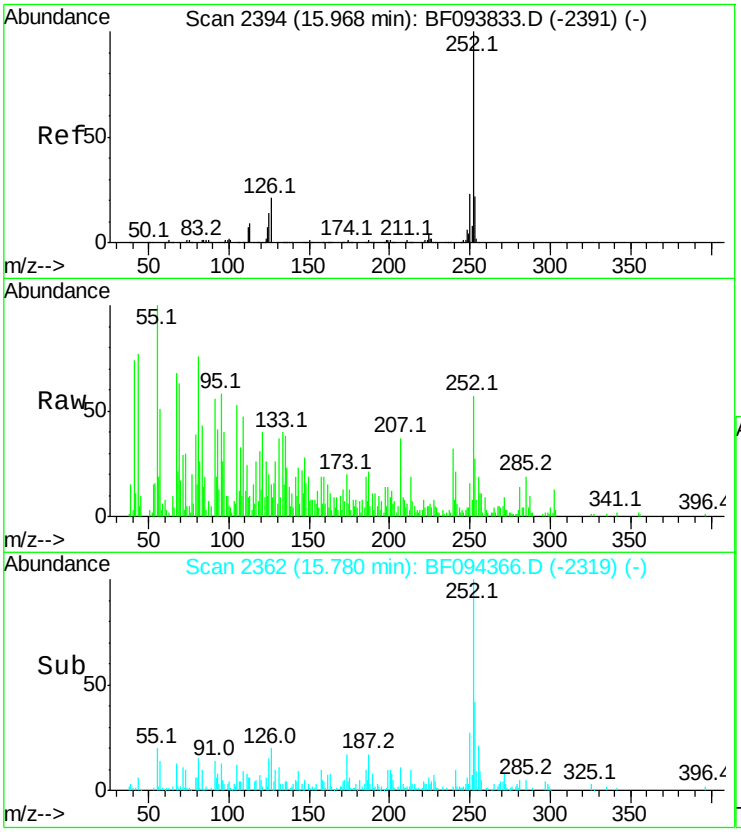


#87
Benzo(b)fluoranthene
Concen: 2.29 ng
RT: 15.78 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion:252 Resp: 30495

Ion	Ratio	Lower	Upper
252	100		
253	47.1	18.1	27.1#
125	34.8	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.34 ng
RT: 15.78 min Scan# 2362
Delta R.T. -0.05 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 30495

Ion	Ratio	Lower	Upper
252	100		
253	47.1	18.4	27.6#
125	34.8	13.1	19.7#