Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095015.D
Acq On : 9 May 2017 10:30
Operator : SJ/MA
Sample : I2947-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 11:46:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	107747	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	427101	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	169868	20.00	ng		-0.02
63) Phenanthrene-d10	14.96	188	295814	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	232941	20.00	ng		-0.02
86) Perylene-d12	20.30	264	182993	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	643278	99.54	ng		-0.02
7) Phenol-d6	7.25	99	822866	106.12	ng		-0.03
23) Nitrobenzene-d5	8.61	82	473868	69.96	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	132104	94.96	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	753870	63.88	ng		-0.02
78) Terphenyl-d14	17.29	244	474285	44.85	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.27	94	18510	2.27	ng	#	51
19) n-Nitroso-di-n-propylamine	8.61	70	60156	11.47	ng	#	75
32) Benzoic acid	9.71	122	107	5.11	ng	#	34
48) Acenaphthylene	12.34	152	48708	2.69	ng		98
49) Dimethylphthalate	12.20	163	141682	10.16	ng		97
70) Phenanthrene	15.00	178	47190	2.78	ng		94
74) Fluoranthene	16.74	202	225945	12.96	ng		99
77) Pyrene	17.04	202	200578	11.51	ng		98
80) Benzo(a)anthracene	18.67	228	169078	12.47	ng		97
82) Chrysene	18.67	228	169078	12.90	ng		99
85) Indeno(1,2,3-cd)pyrene	21.59	276	76449	7.18	ng		96
87) Benzo(b)fluoranthene	19.89	252	279035	24.68	ng	#	97
88) Benzo(k)fluoranthene	19.89	252	279035	25.58	ng		97
89) Benzo(a)pyrene	20.24	252	135031	12.94	ng		100
91) Benzo(g,h,i)perylene	21.96	276	66737	7.89	ng		97

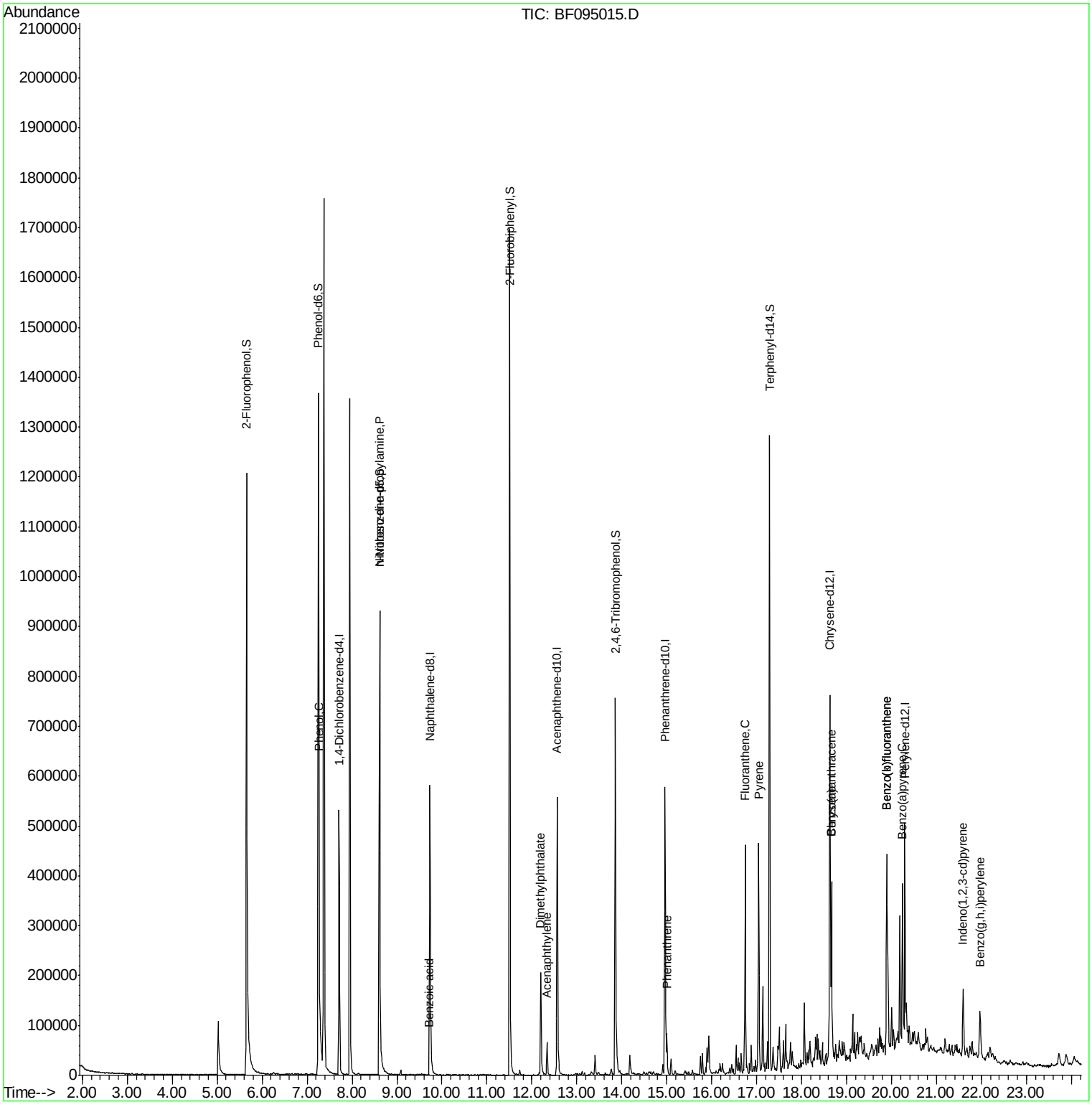
(#) = qualifier out of range (m) = manual integration (+) = signals summed

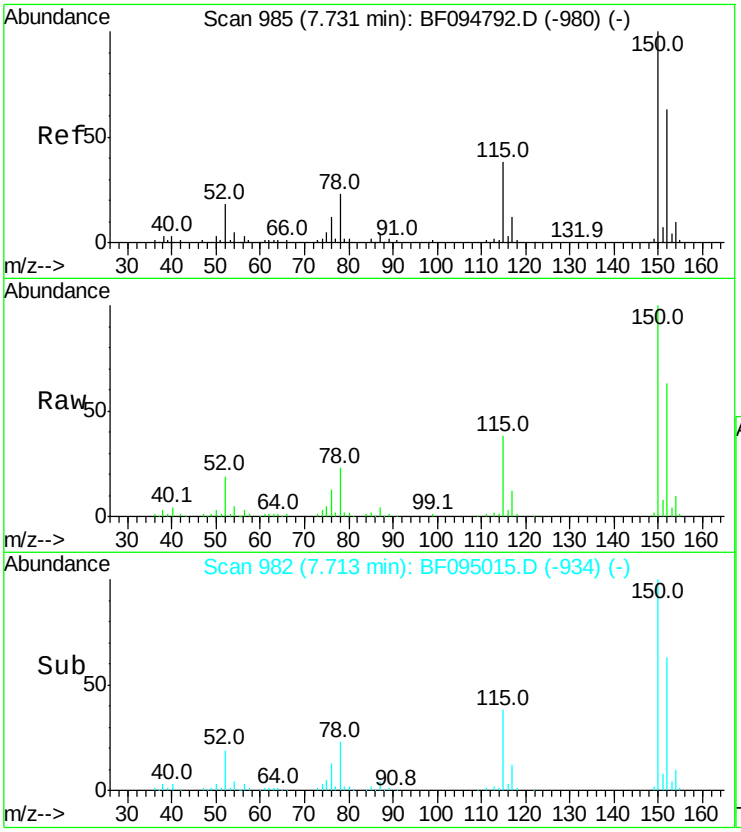
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095015.D
Acq On : 9 May 2017 10:30
Operator : SJ/MA
Sample : I2947-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 11:46:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



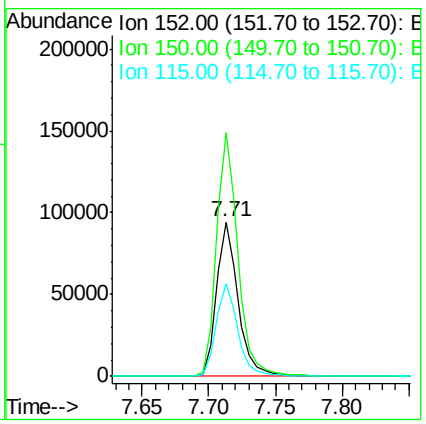


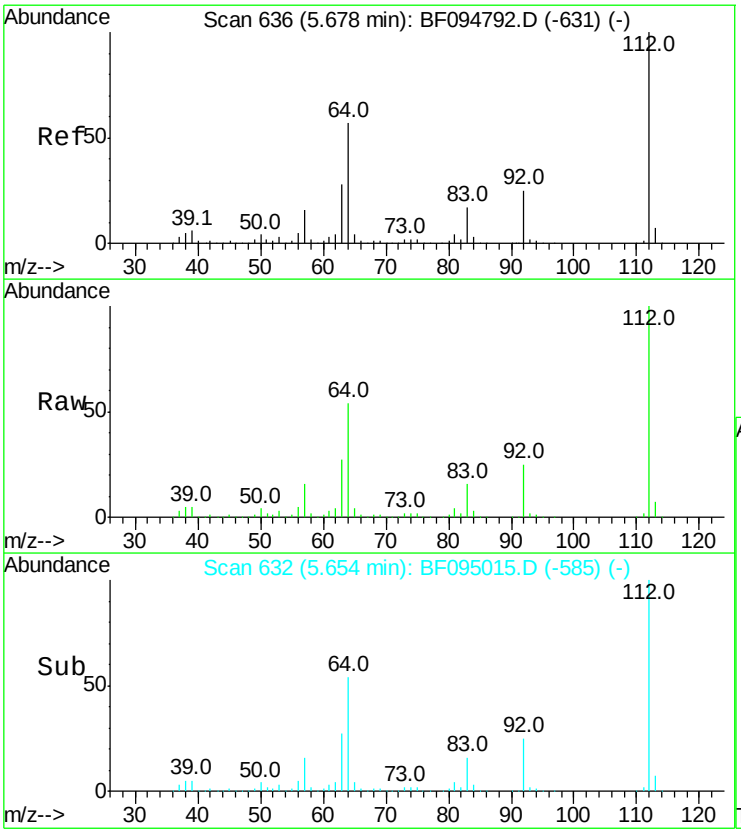
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107747

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	60.3	52.2	78.2

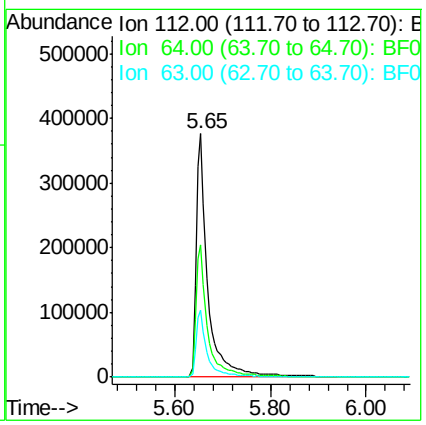


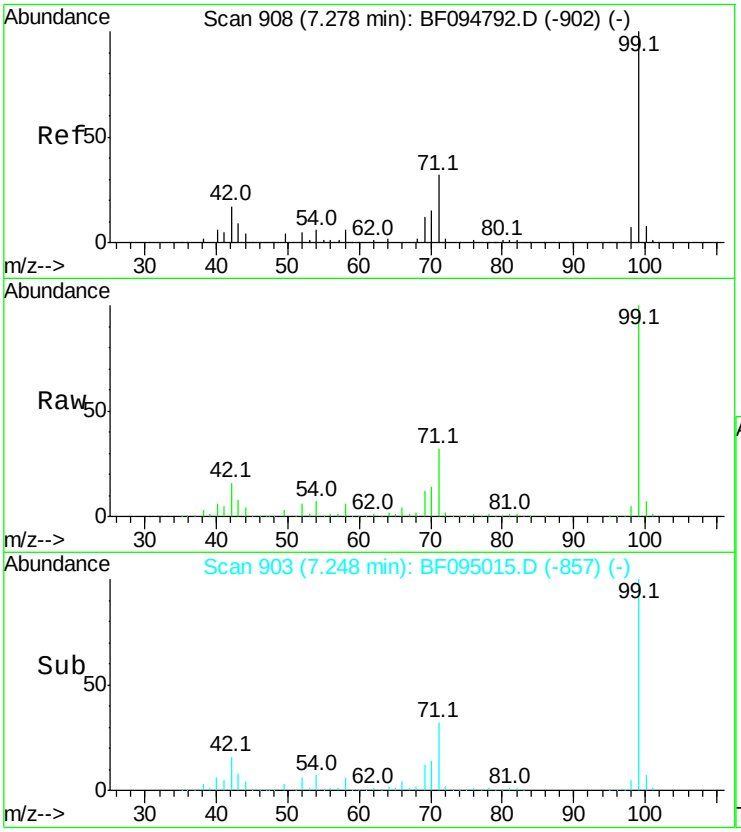


#5
2-Fluorophenol
Concen: 99.54 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:112 Resp: 643278

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	27.3	23.4	35.0



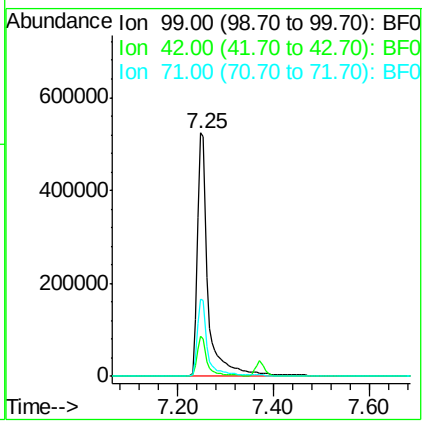


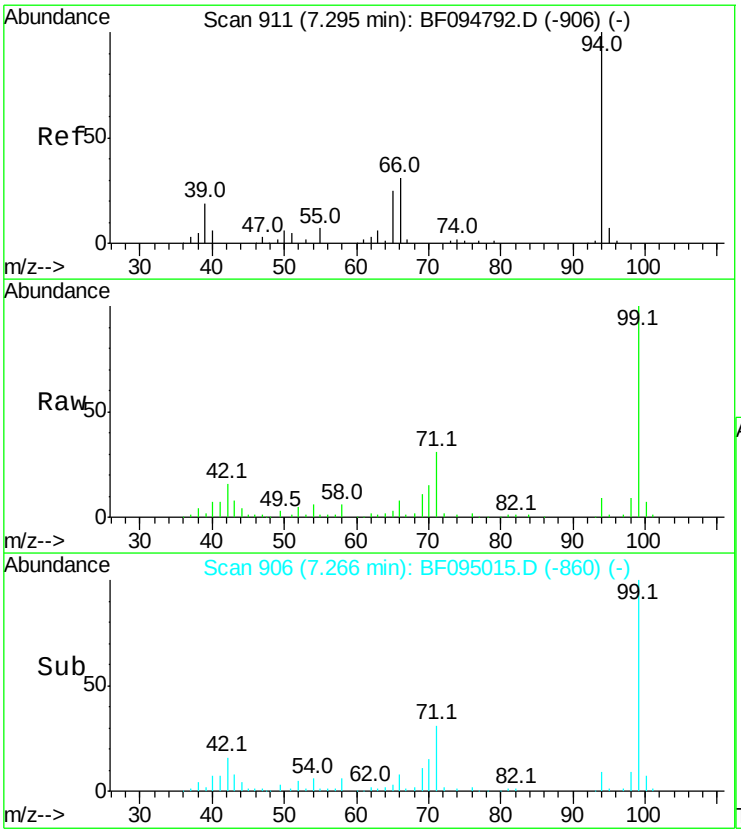
#7
Phenol-d6
Concen: 106.12 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 822866

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	31.9	24.5	36.7

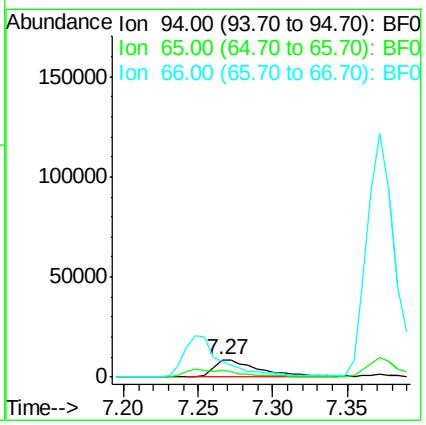


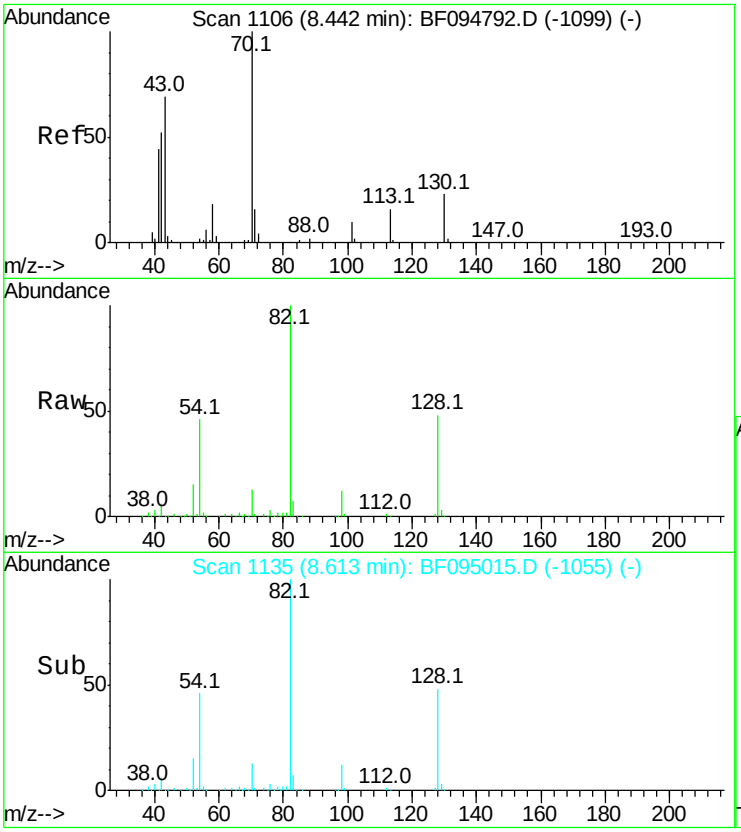


#10
Phenol
Concen: 2.27 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion: 94 Resp: 18510

Ion	Ratio	Lower	Upper
94	100		
65	37.9	9.9	49.9
66	89.2	23.1	63.1#



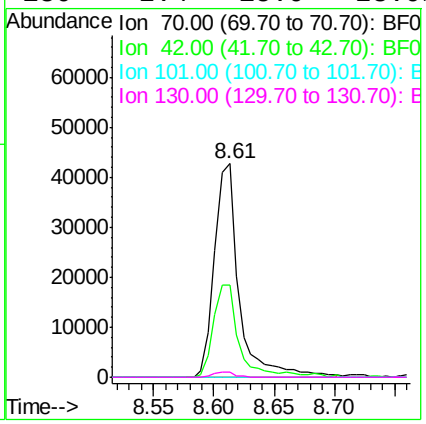


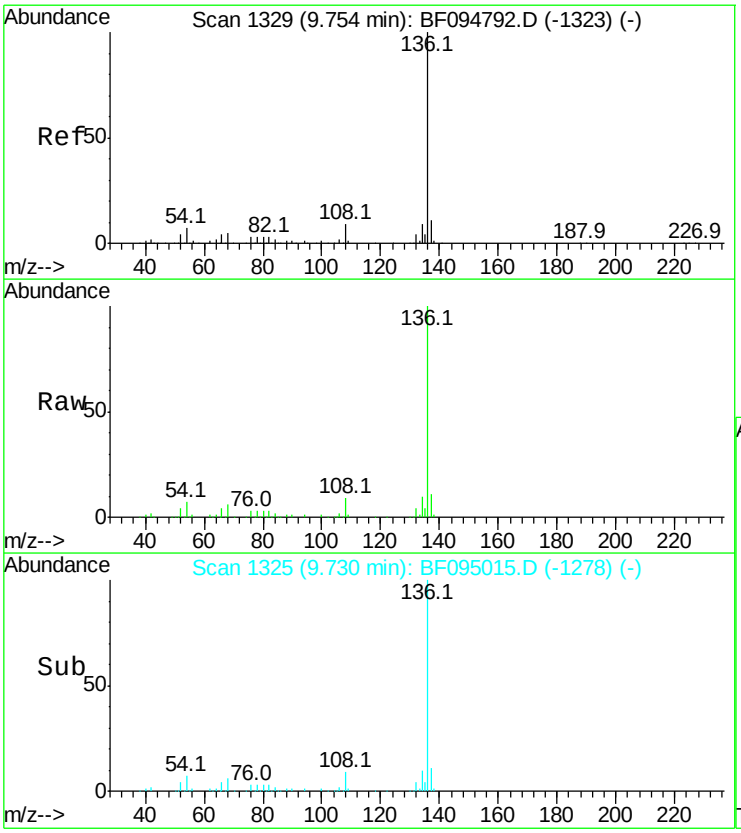
#19
n-Nitroso-di-n-propylamine
Concen: 11.47 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 60156

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

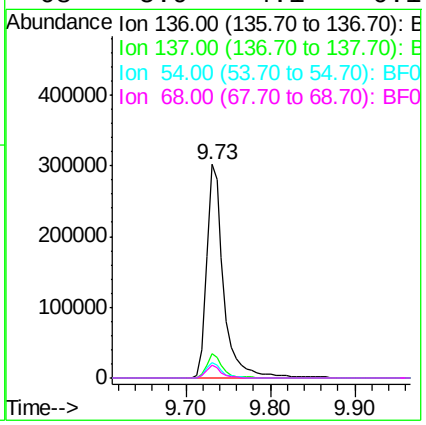


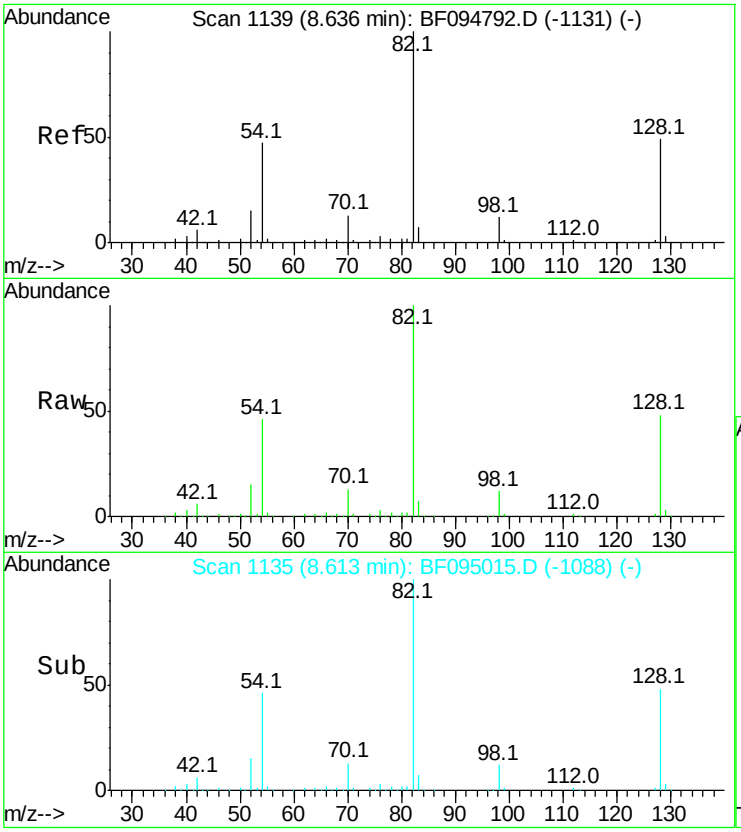


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:136 Resp: 427101

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.5	4.9	7.3#
68	5.9	4.1	6.1



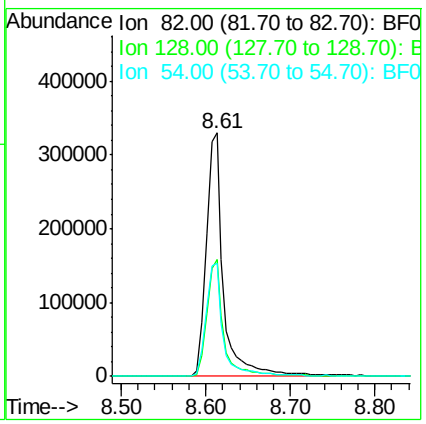


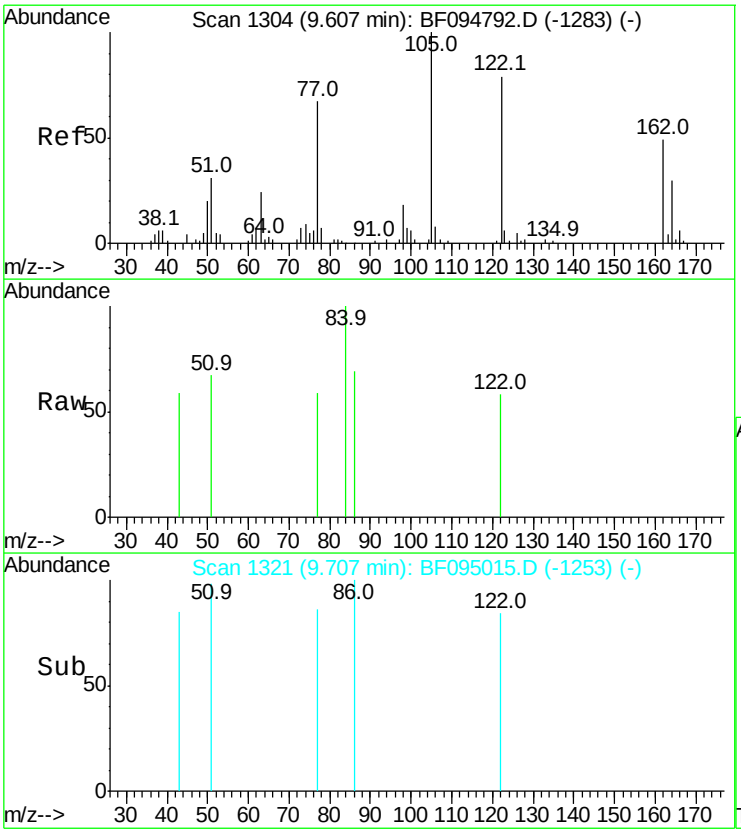
#23
Nitrobenzene-d5
Concen: 69.96 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 473868

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	46.3	42.2	63.2

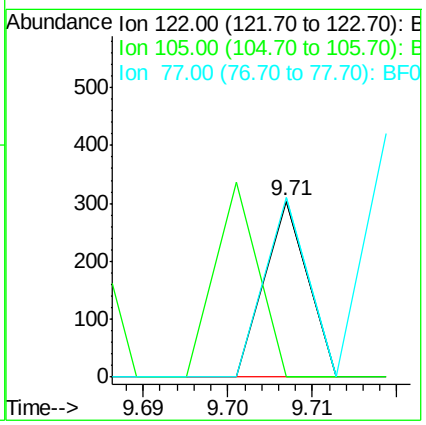


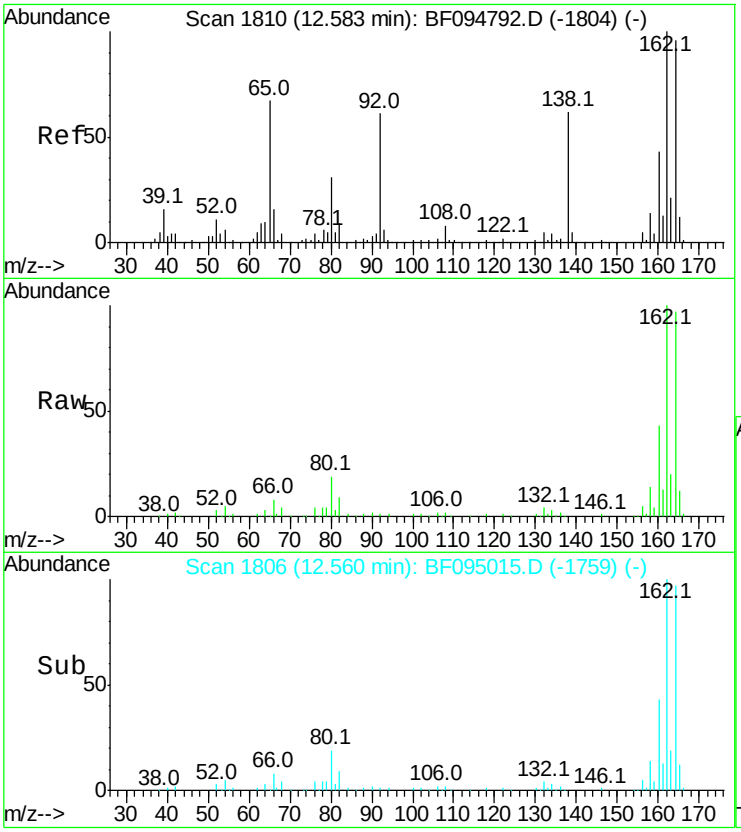


#32
Benzoic acid
Concen: 5.11 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.10 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	102.3	73.7	113.7



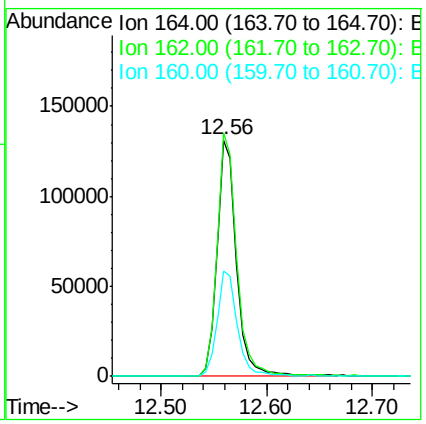


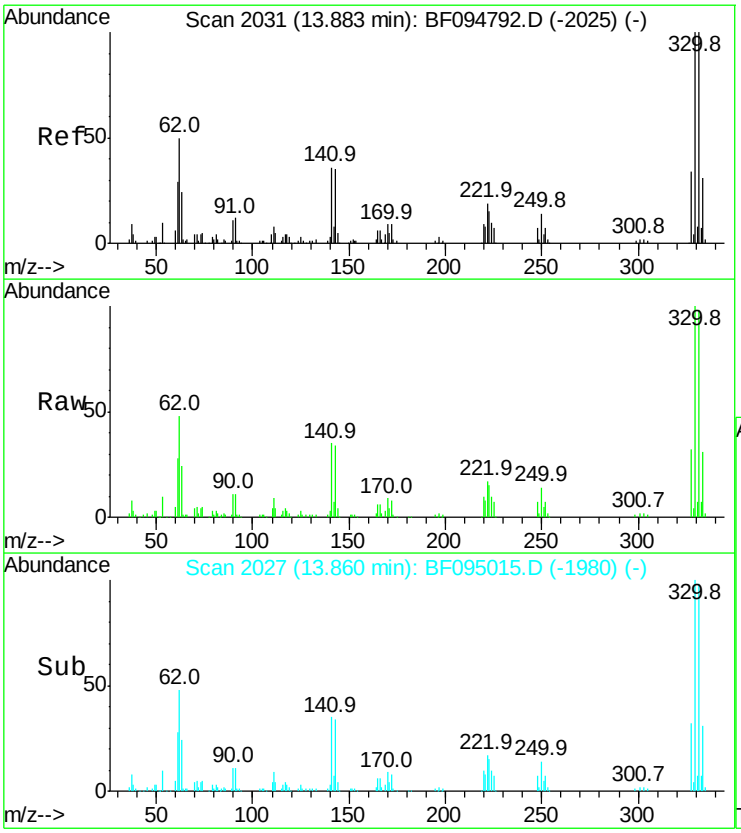
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 169868

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.5	36.2	54.2

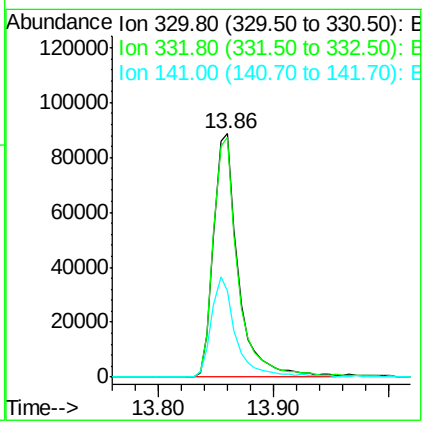


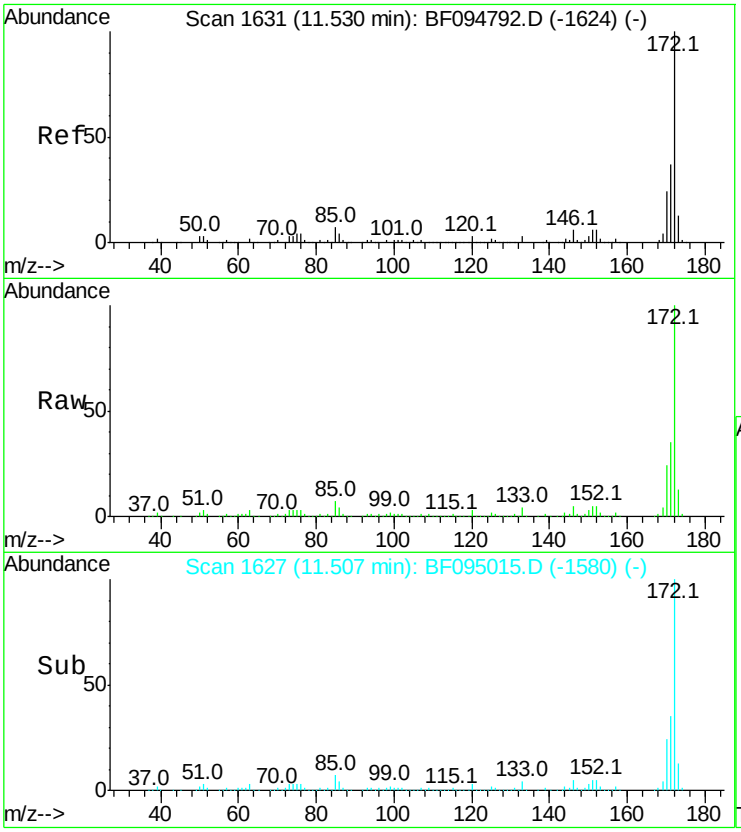


#41
2,4,6-Tribromophenol
Concen: 94.96 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:330 Resp: 132104

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.6	115.0
141	40.2	31.4	47.2



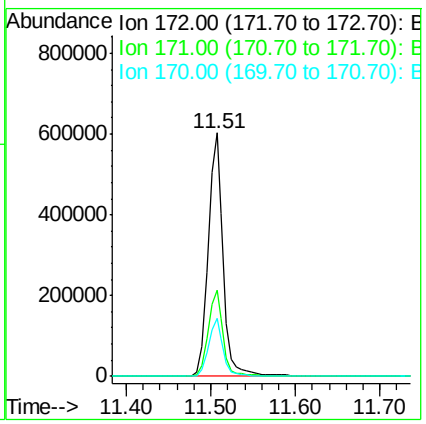


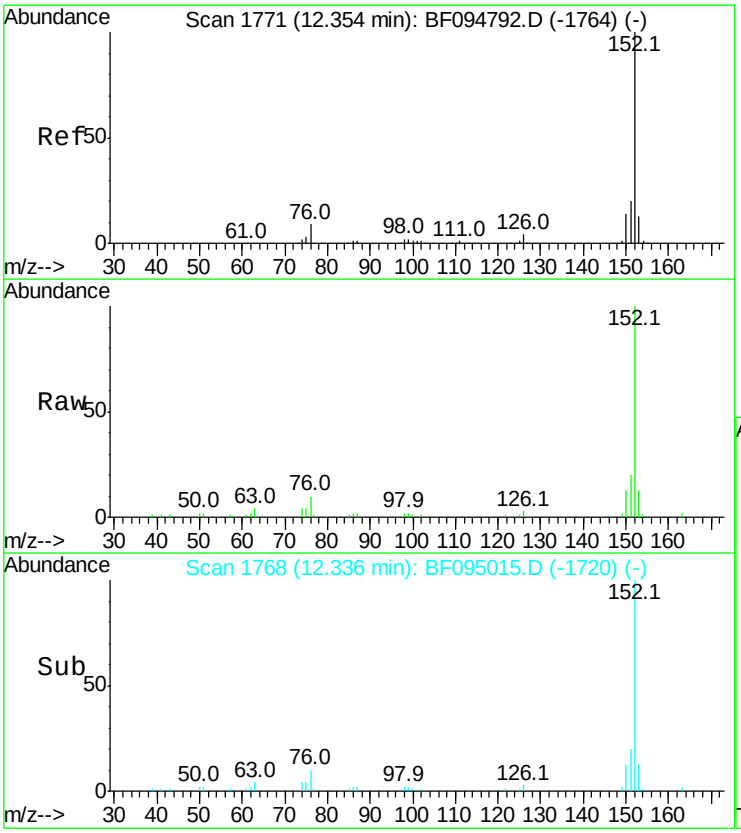
#44
2-Fluorobiphenyl
Concen: 63.88 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 753870

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	19.8	29.8

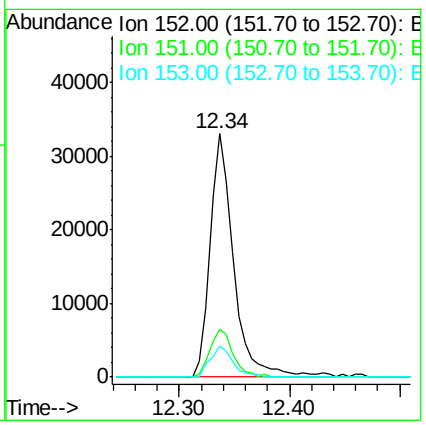


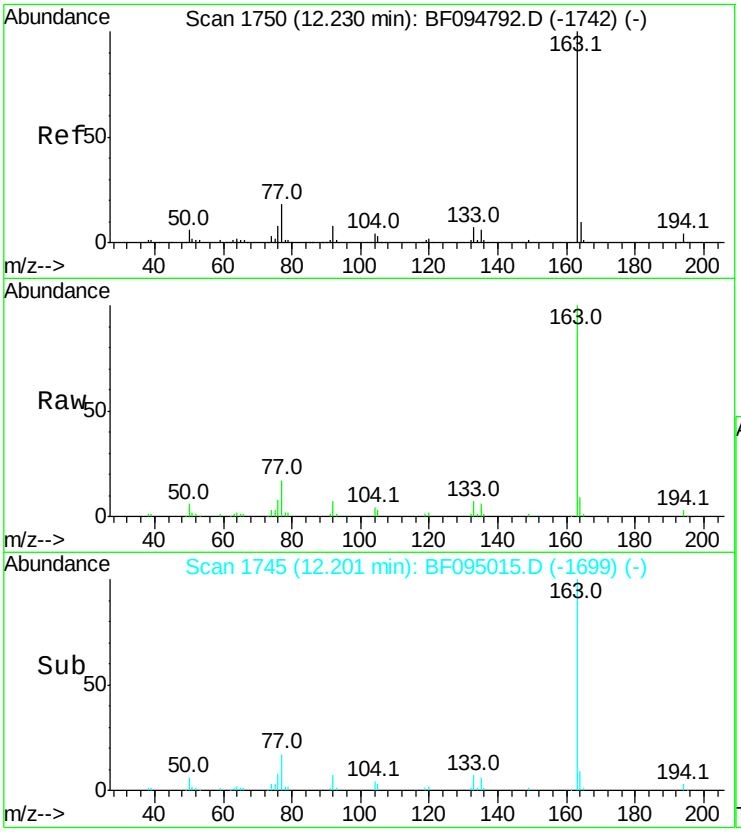


#48
Acenaphthylene
Concen: 2.69 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:152 Resp: 48708

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	12.9	10.8	16.2



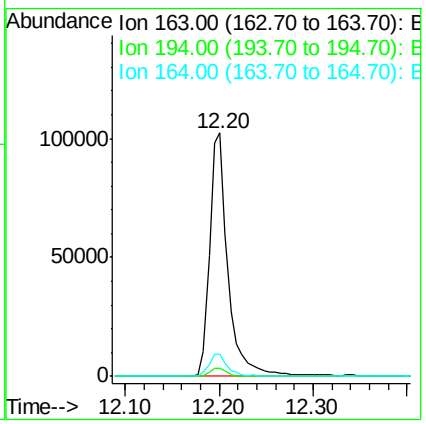


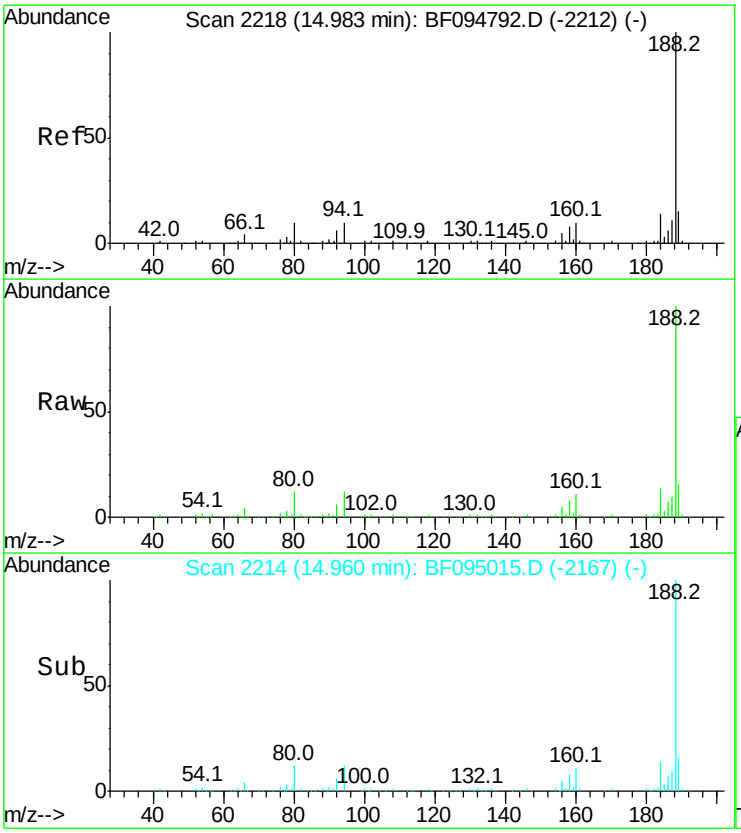
#49
Dimethylphthalate
Concen: 10.16 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 141682

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.3	8.4	12.6

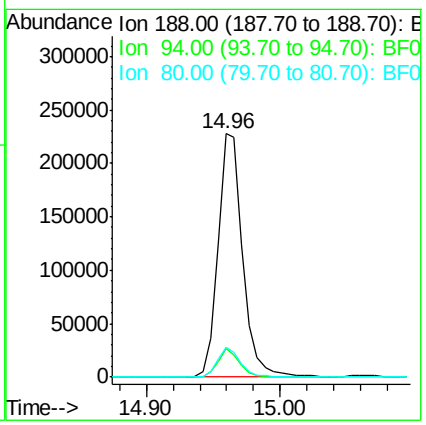


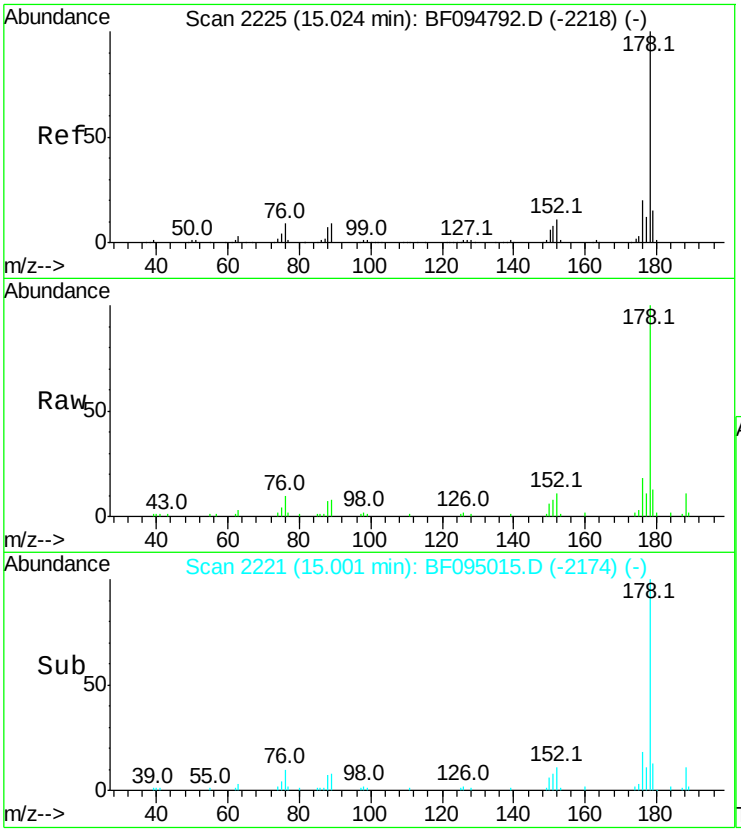


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:188 Resp: 295814

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.4	10.2	15.2



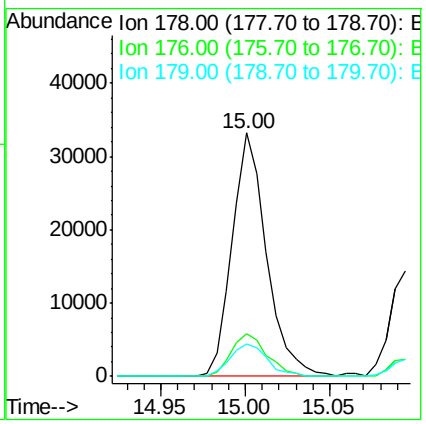


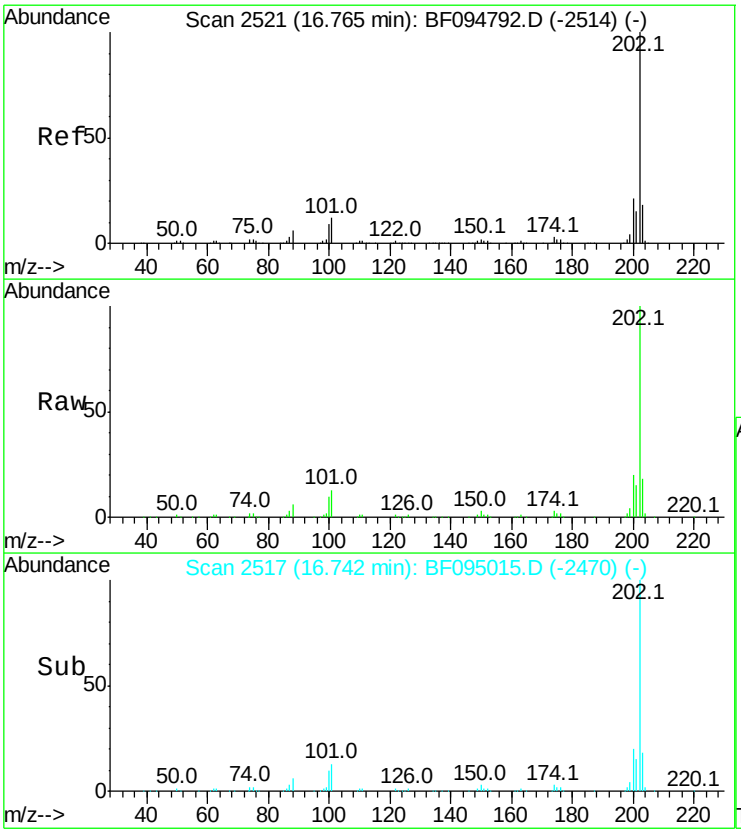
#70
Phenanthrene
Concen: 2.78 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47190

Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.2	24.4
179	13.4	12.6	19.0

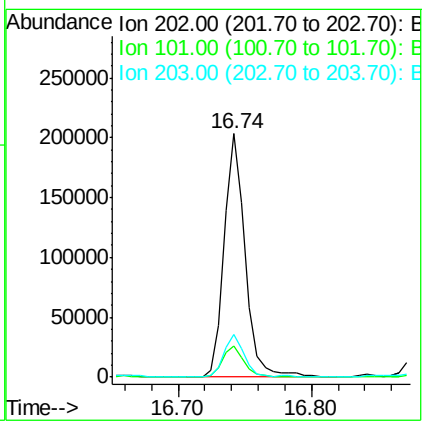


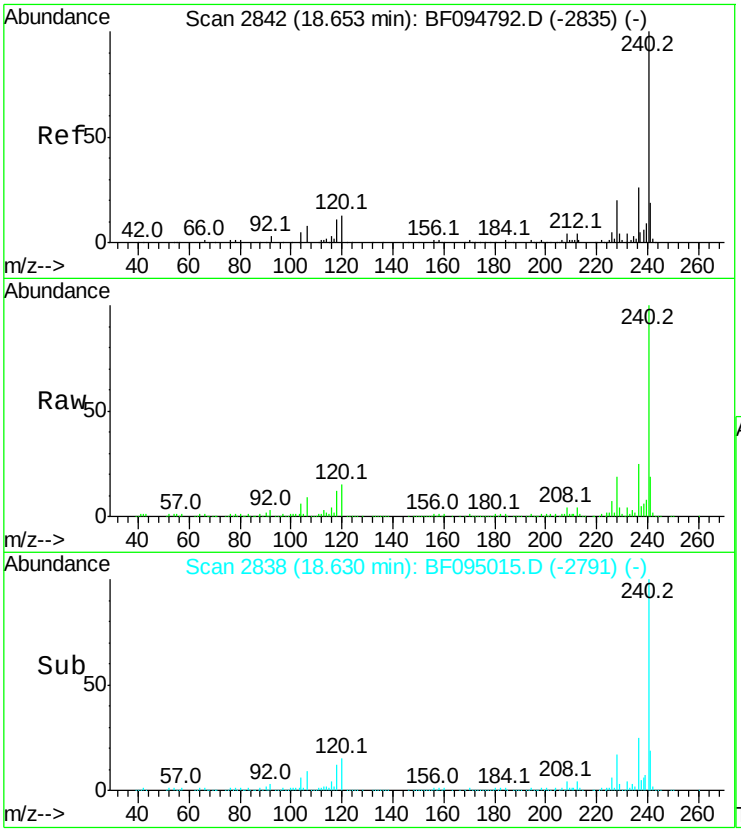


#74
Fluoranthene
Concen: 12.96 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:202 Resp: 225945

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.7	0.0	38.1



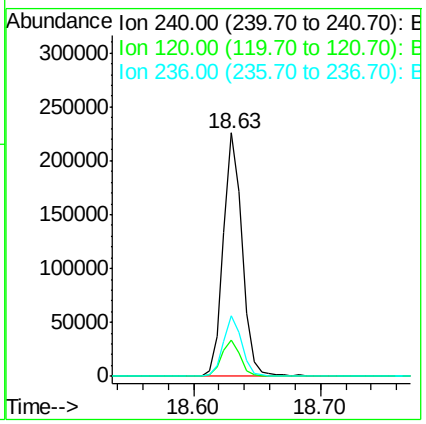


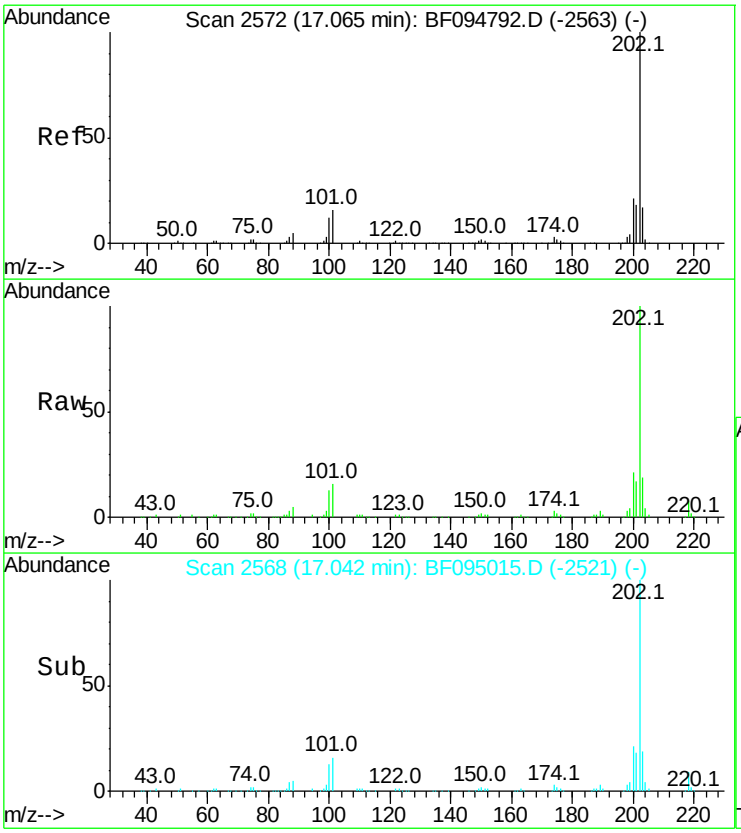
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 232941

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.9	20.5	30.7

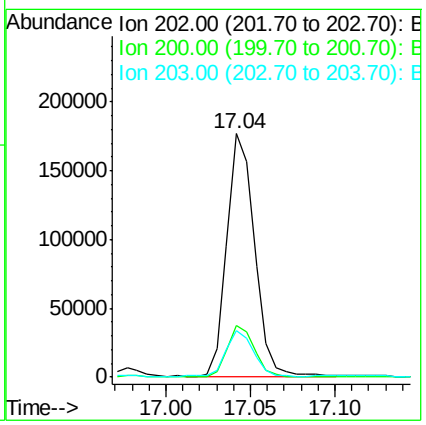


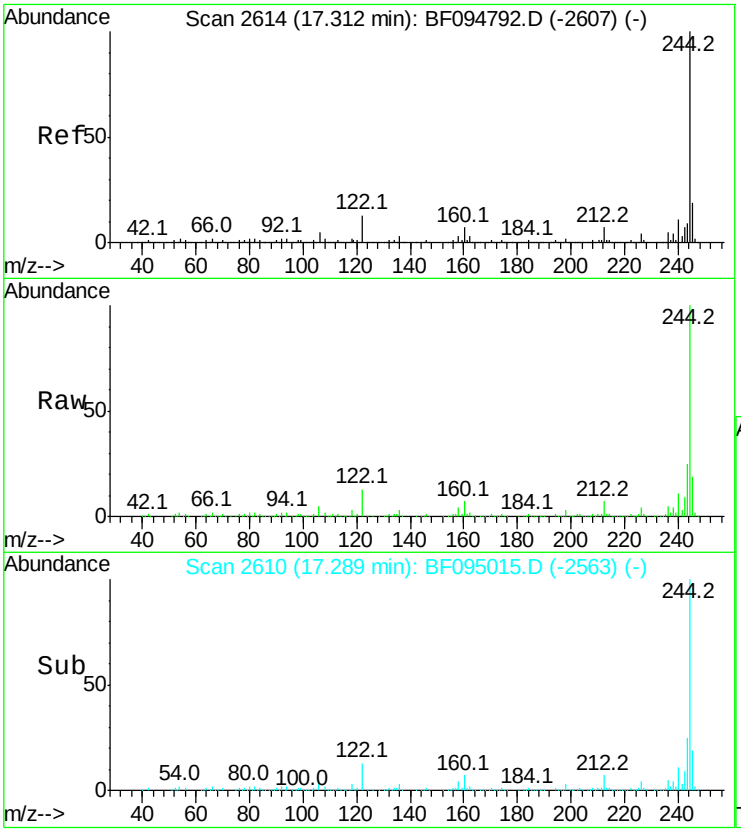


#77
Pyrene
Concen: 11.51 ng
RT: 17.04 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:202 Resp: 200578

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	19.0	14.4	21.6



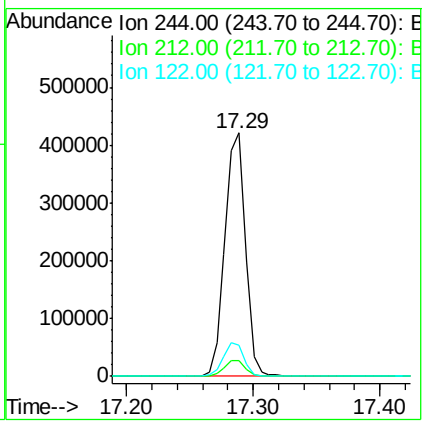


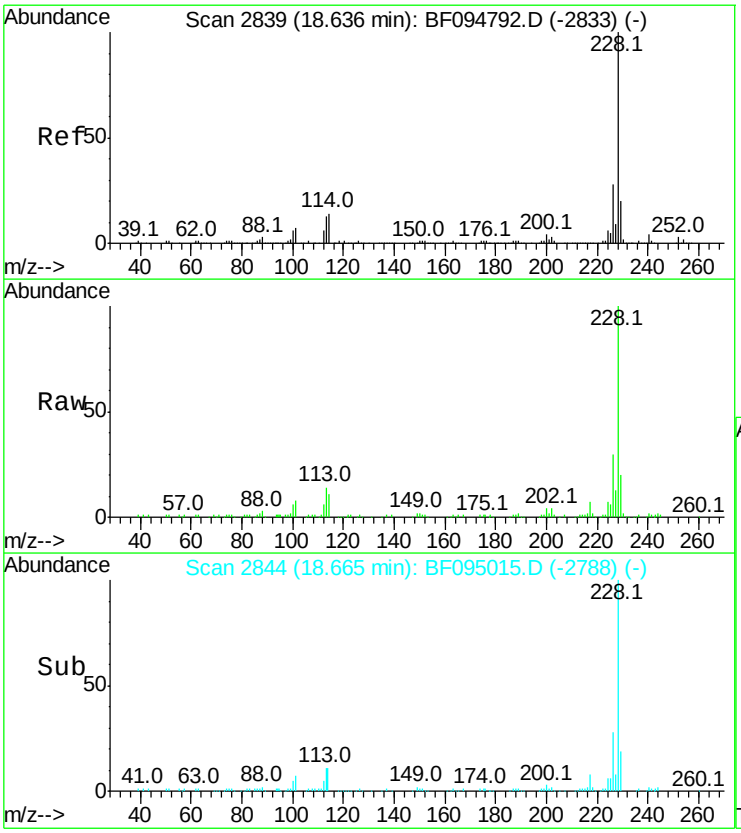
#78
Terphenyl-d14
Concen: 44.85 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 474285

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	12.6	10.3	15.5

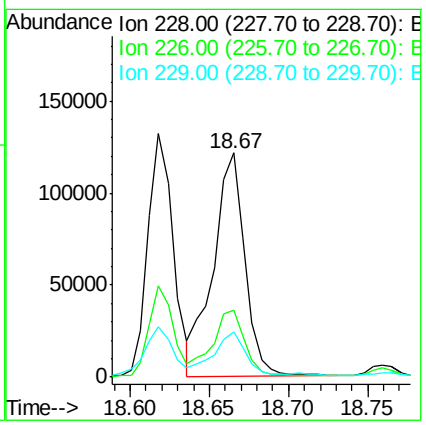


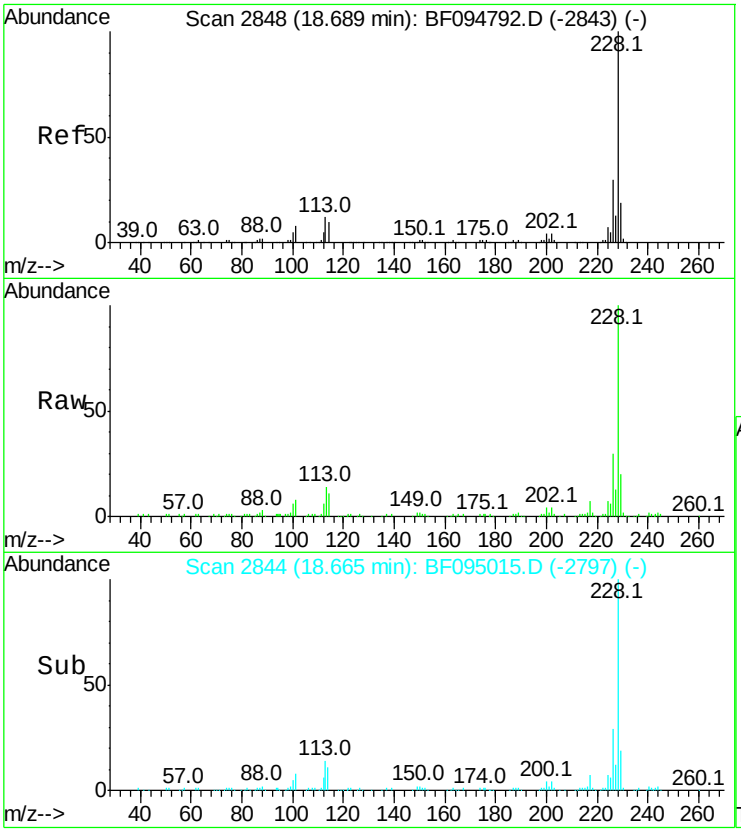


#80
Benzo(a)anthracene
Concen: 12.47 ng
RT: 18.67 min Scan# 2844
Delta R.T. 0.03 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:228 Resp: 169078

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	19.9	16.3	24.5



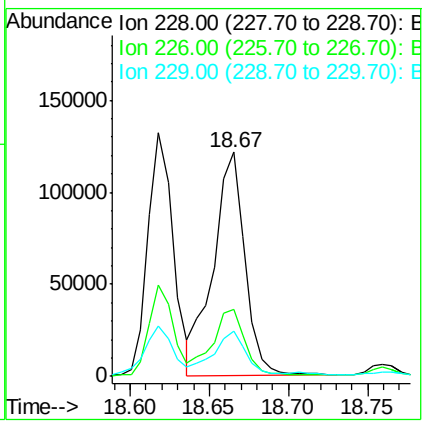


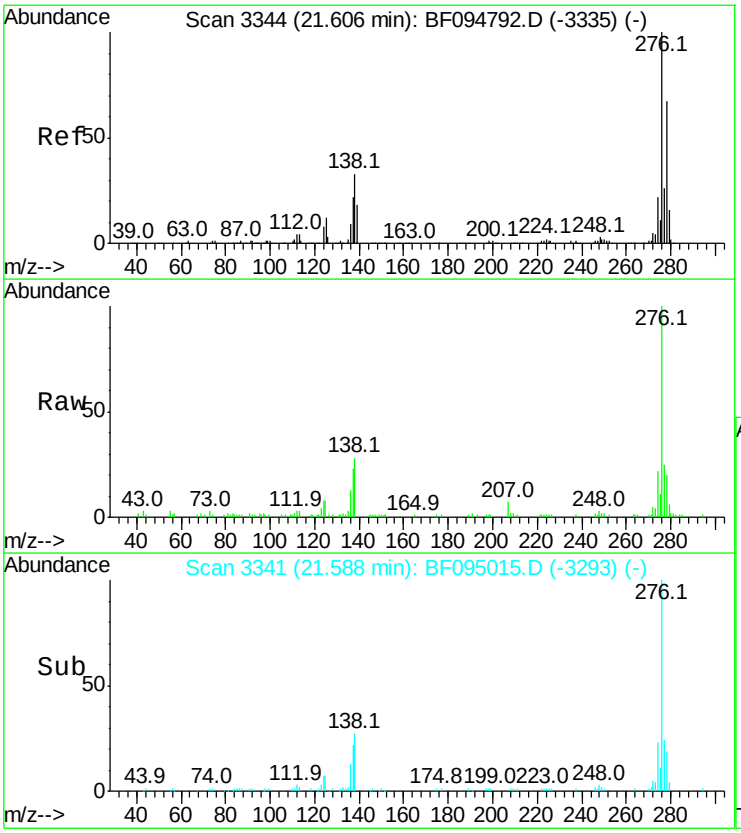
#82
Chrysene
Concen: 12.90 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 169078

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.9	15.8	23.6

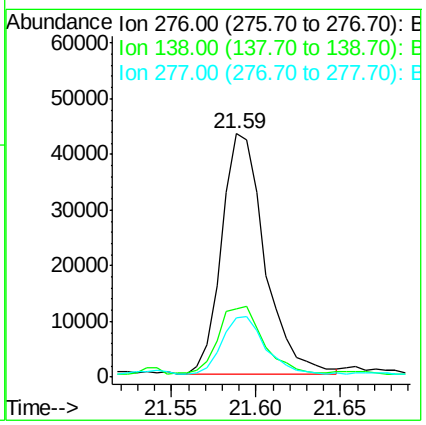


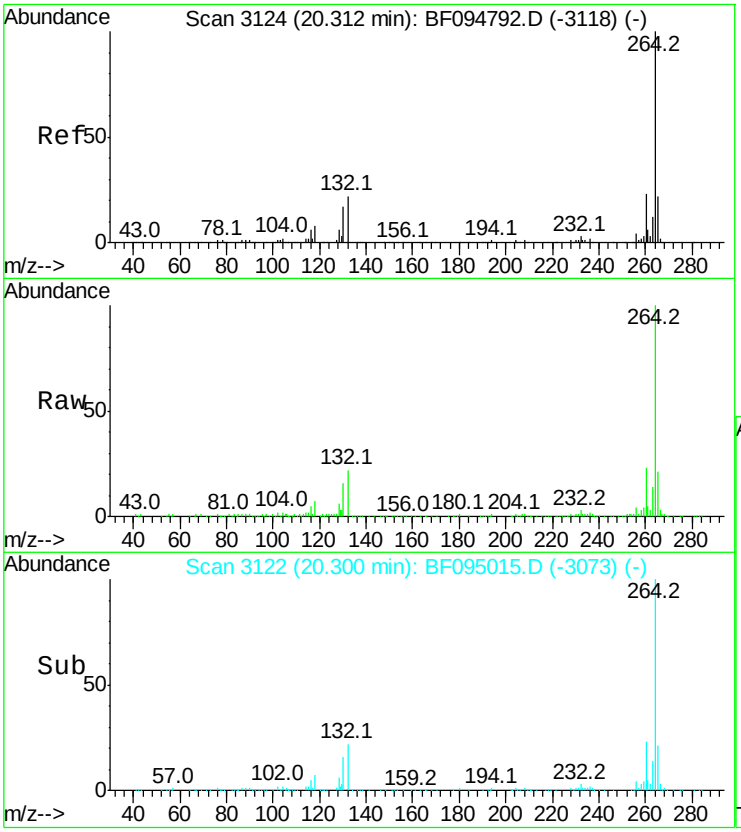


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.18 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:276 Resp: 76449

Ion	Ratio	Lower	Upper
276	100		
138	31.2	27.8	41.6
277	24.4	20.2	30.4



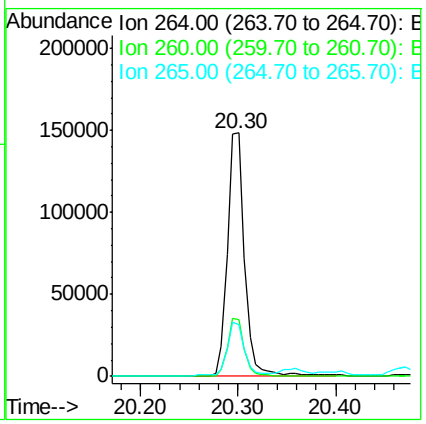


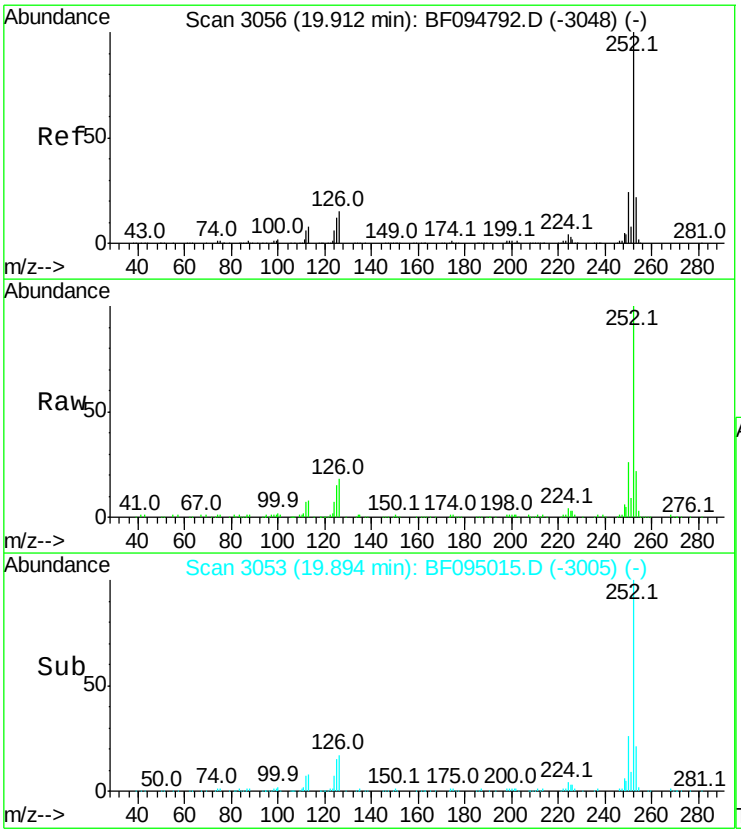
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 182993

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.0	17.2	25.8

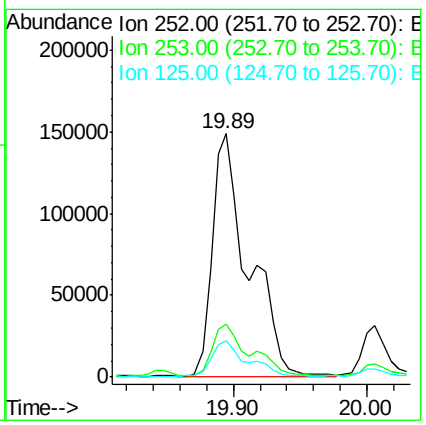


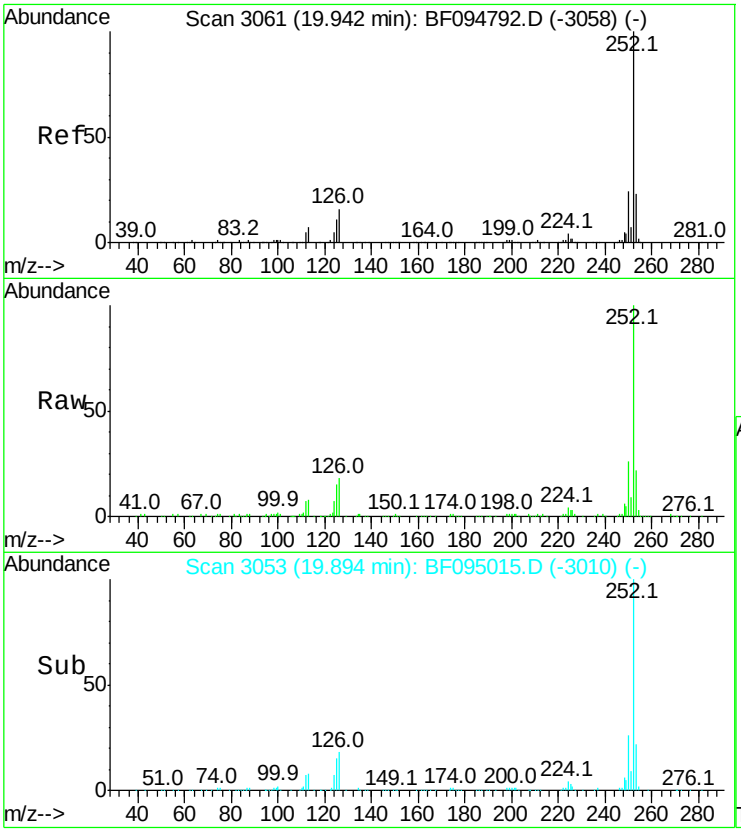


#87
Benzo(b)fluoranthene
Concen: 24.68 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:252 Resp: 279035

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.9	9.8	14.8#



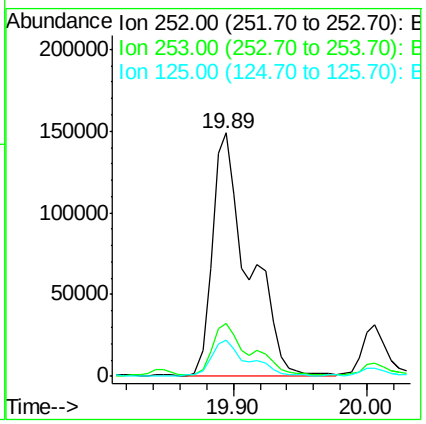


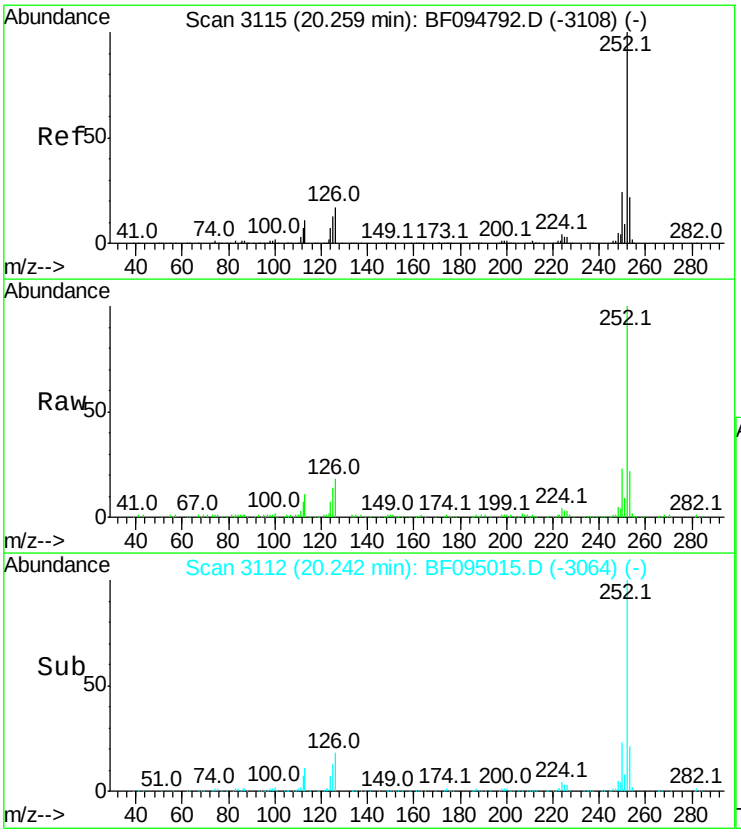
#88
Benzo(k)fluoranthene
Concen: 25.58 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.05 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 279035

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.9	13.1	19.7

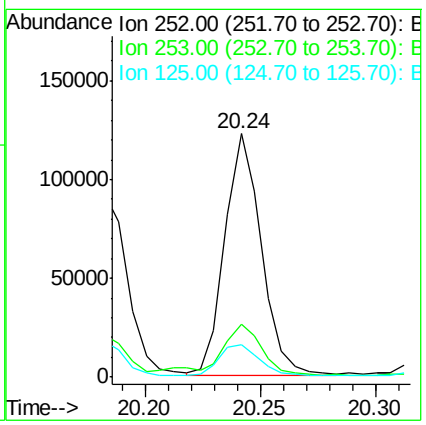


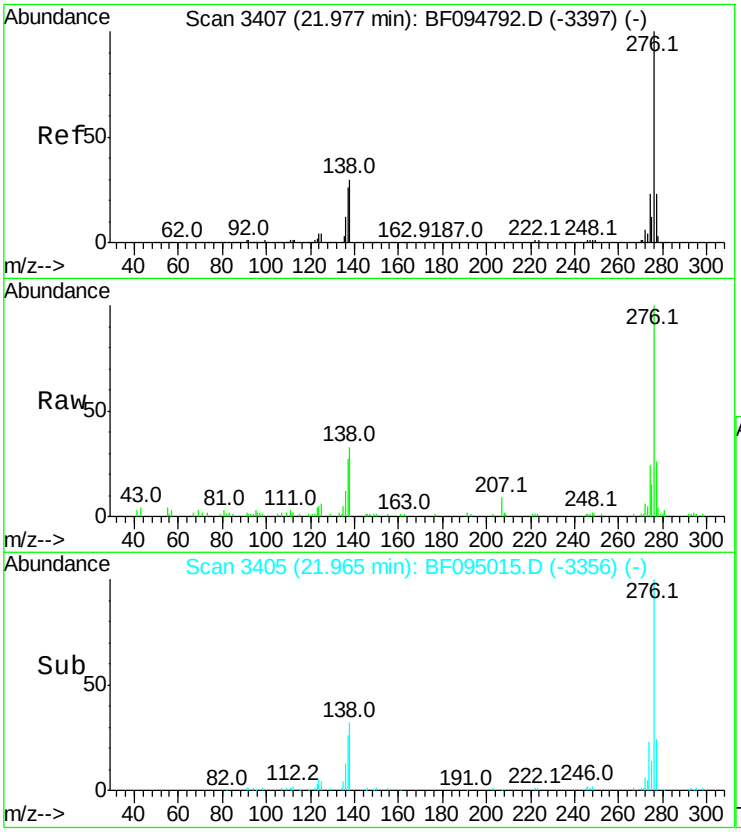


#89
Benzo(a)pyrene
Concen: 12.94 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Tgt Ion:252 Resp: 135031

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.6	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.89 ng
RT: 21.96 min Scan# 3405
Delta R.T. -0.01 min
Lab File: BF095015.D
Acq: 9 May 2017 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 66737

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	32.6	25.4	38.0