Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095751.D
Acq On : 7 Jun 2017 17:55
Operator : SJ/MA
Sample : I3479-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 08 04:06:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79432	20.00	ng		-0.02
21) Naphthalene-d8	9.42	136	301691	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	127478	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	189191	20.00	ng		-0.02
75) Chrysene-d12	18.34	240	145782	20.00	ng		-0.01
86) Perylene-d12	20.01	264	112261	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	467160	93.72	ng		-0.02
7) Phenol-d6	6.95	99	568779	95.31	ng		-0.01
23) Nitrobenzene-d5	8.30	82	331672	68.28	ng		-0.02
41) 2,4,6-Tribromophenol	13.53	330	93730	83.10	ng		-0.02
44) 2-Fluorobiphenyl	11.20	172	628206	68.58	ng		-0.02
78) Terphenyl-d14	17.00	244	366893	62.46	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.30	70	41595	11.00	ng	#	73
49) Dimethylphthalate	11.89	163	107346	11.09	ng		97
55) 4-Nitrophenol	12.60	139	154	4.73	ng	#	25
74) Fluoranthene	16.45	202	40599	3.76	ng		98
77) Pyrene	16.75	202	35474	3.26	ng	#	95
80) Benzo(a)anthracene	18.33	228	18653	2.20	ng	#	94
82) Chrysene	18.38	228	17778	2.10	ng	#	93
87) Benzo(b)fluoranthene	19.61	252	26931	3.83	ng	#	86
88) Benzo(k)fluoranthene	19.61	252	26931	4.01	ng	#	90
89) Benzo(a)pyrene	19.97	252	13099	2.03	ng	#	77

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Acq On : 7 Jun 2017 17:55
Operator : SJ/MA
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Jun 08 04:06:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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QLast Update : Mon Jun 05 16:15:31 2017
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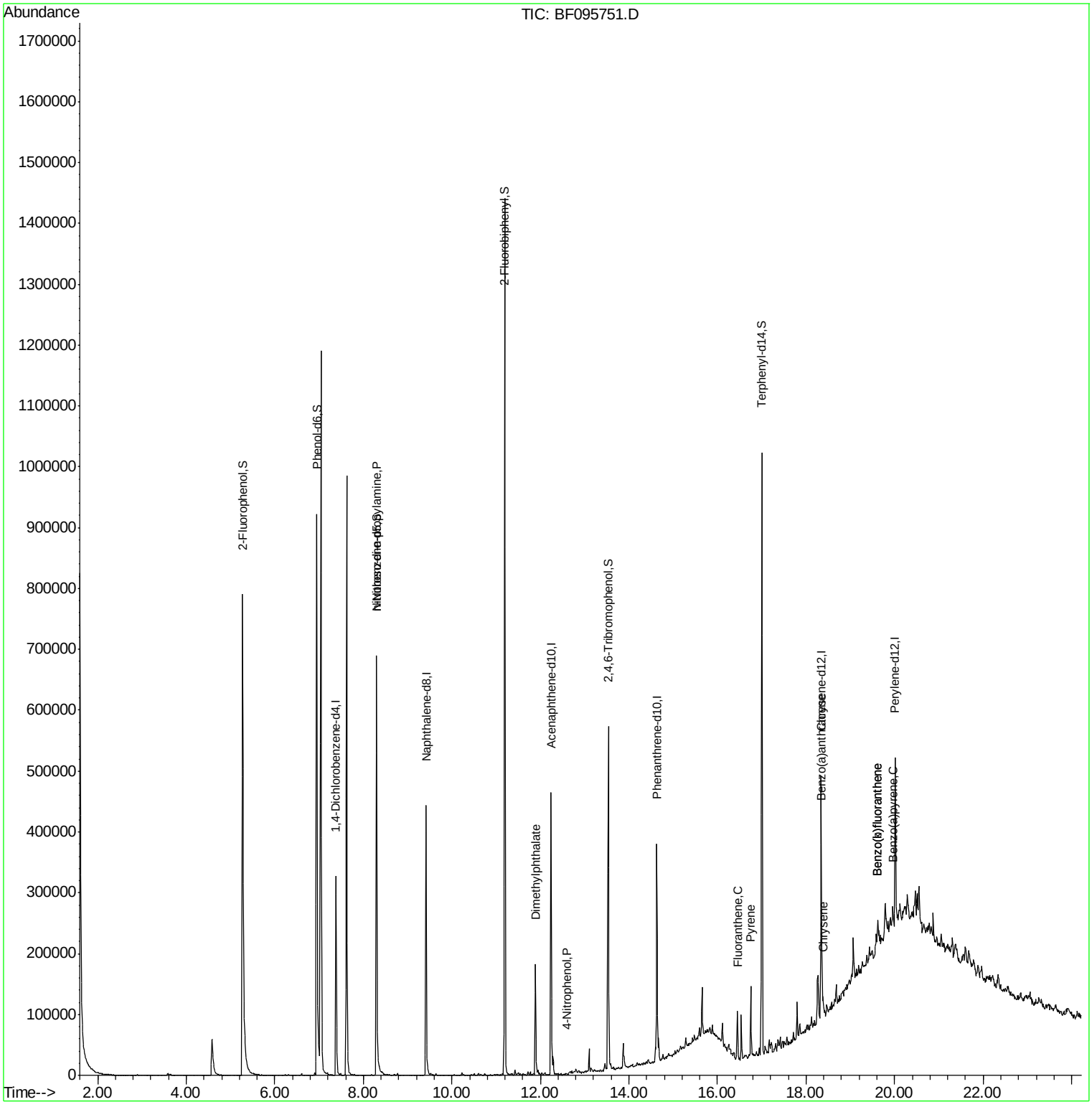
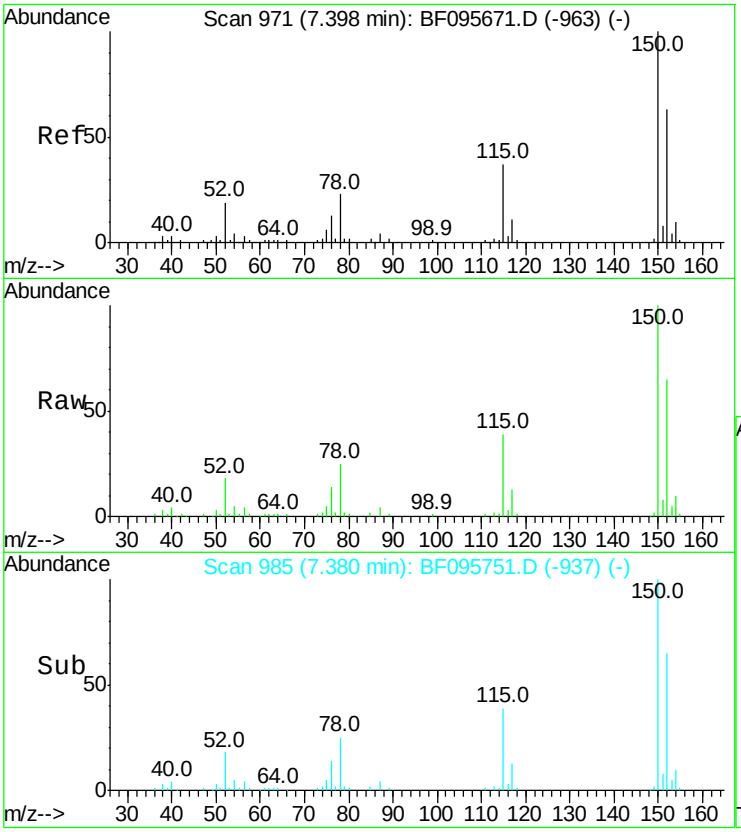


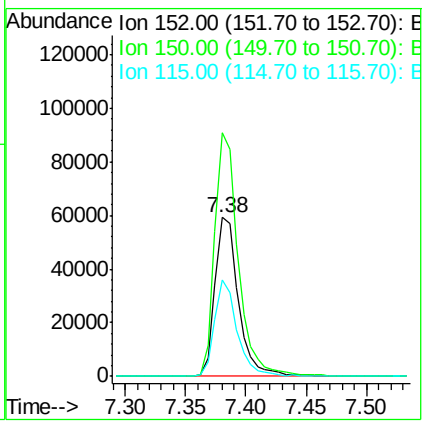


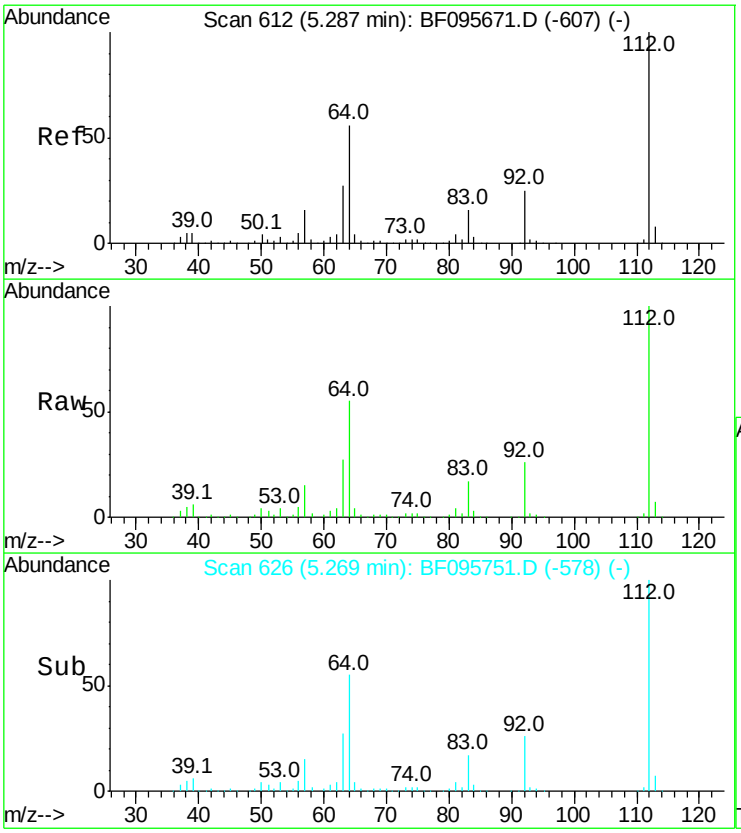
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79432

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	60.3	52.2	78.2

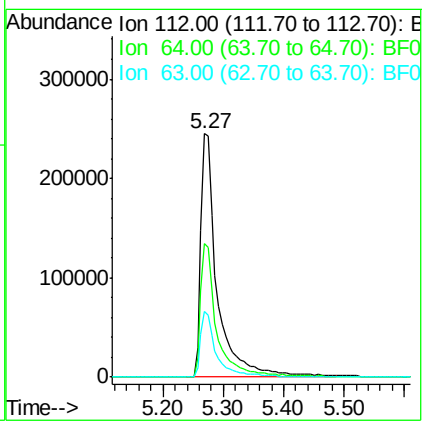


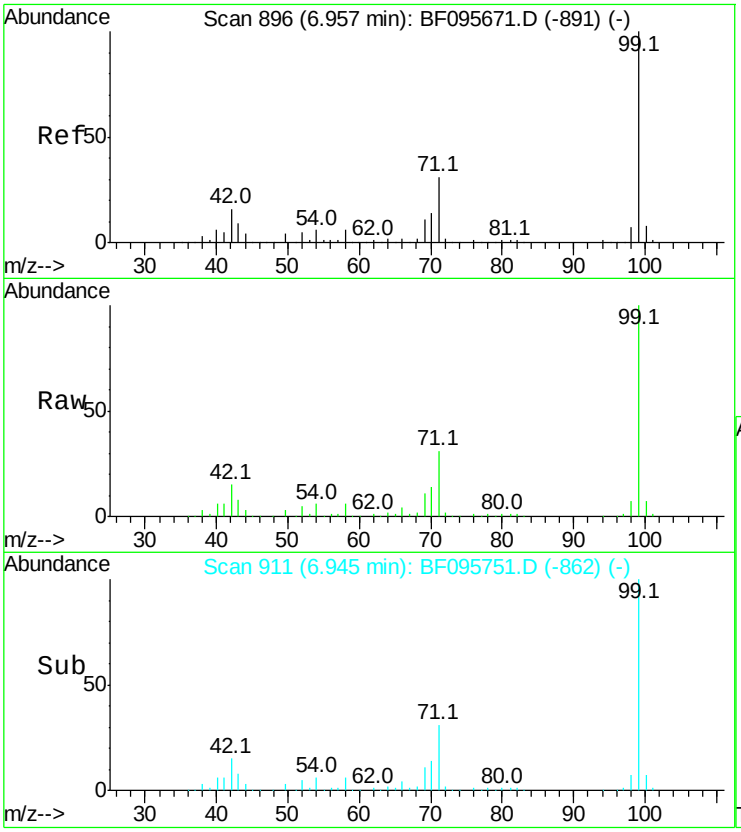


#5
2-Fluorophenol
Concen: 93.72 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:112 Resp: 467160

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.1	23.4	35.0



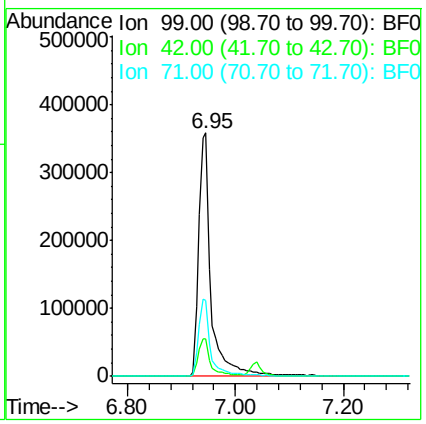


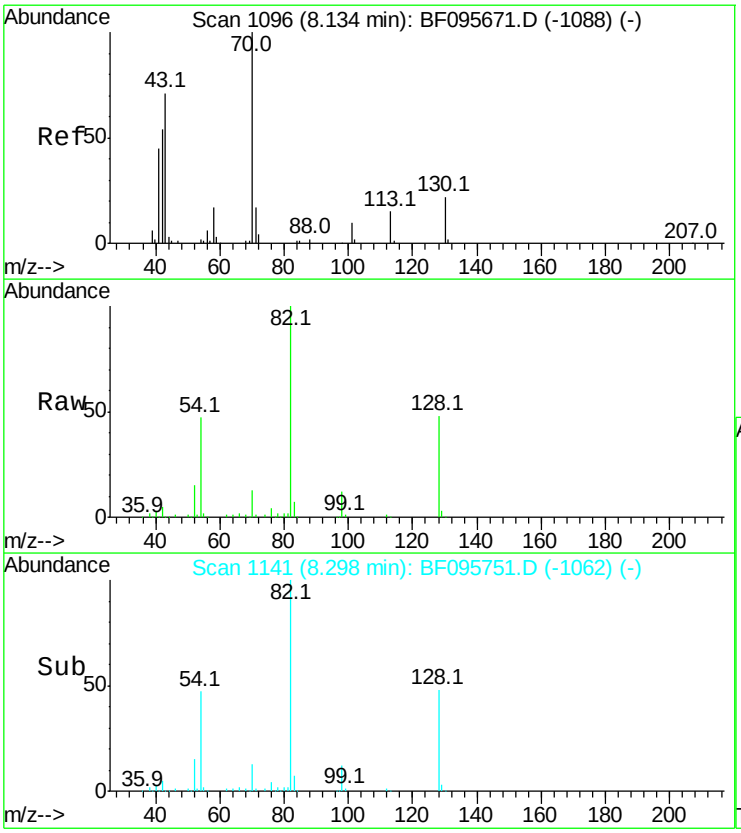
#7
Phenol-d6
Concen: 95.31 ng
RT: 6.95 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 568779

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.2	24.5	36.7

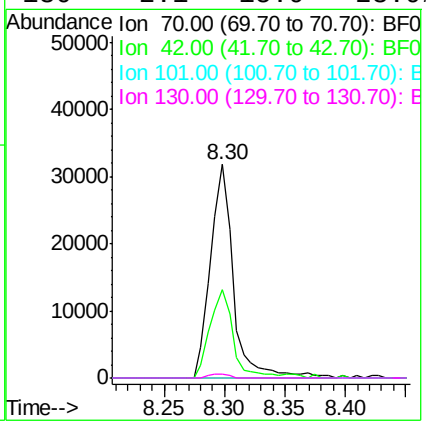


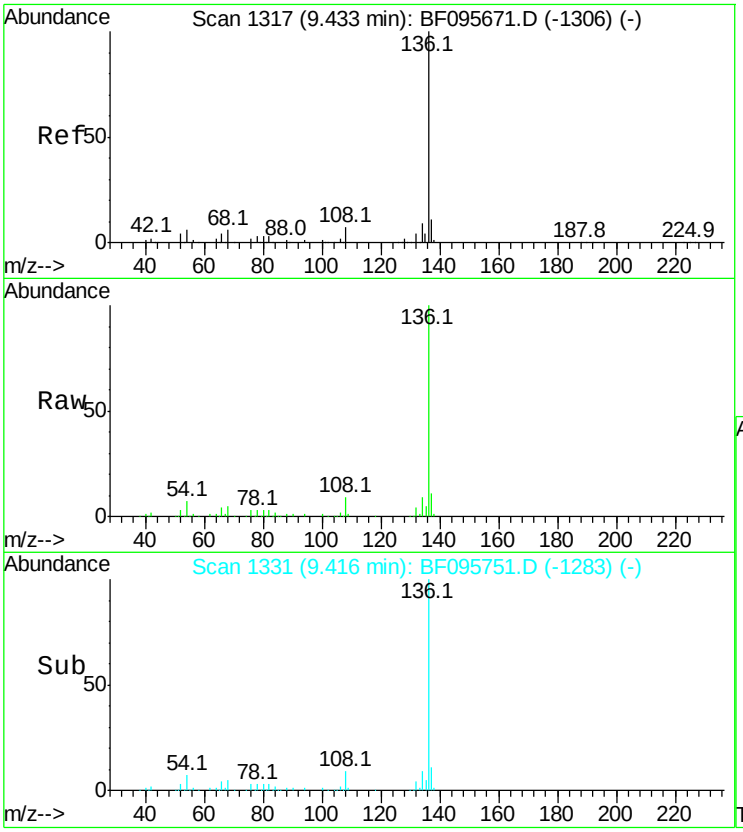


#19
n-Nitroso-di-n-propylamine
Concen: 11.00 ng
RT: 8.30 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion: 70 Resp: 41595

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



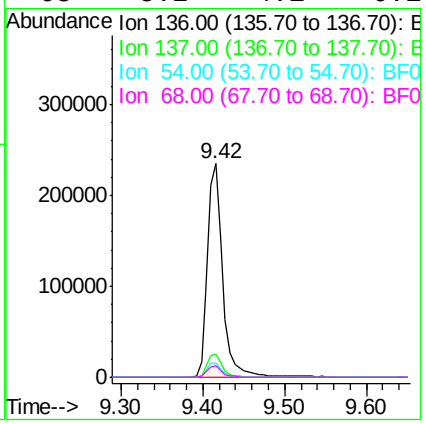


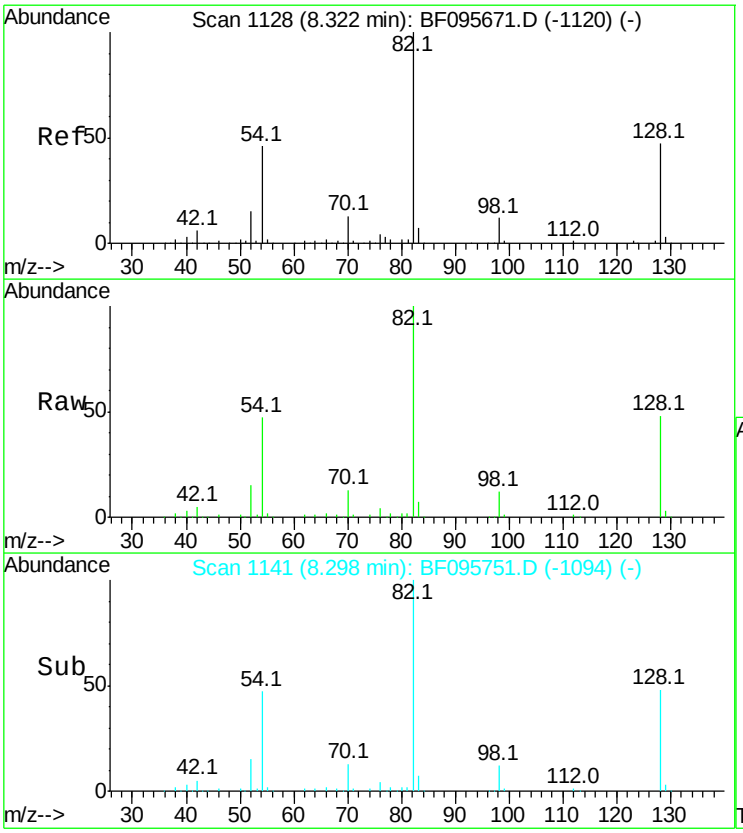
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 301691

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.8	4.9	7.3
68	5.2	4.1	6.1

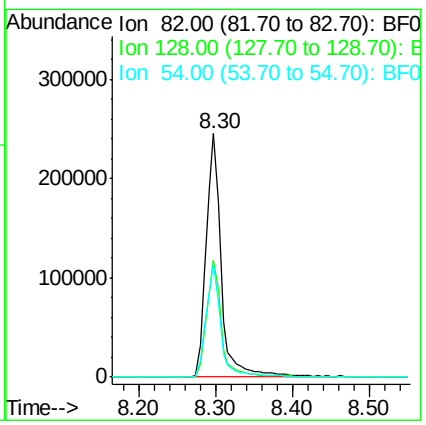


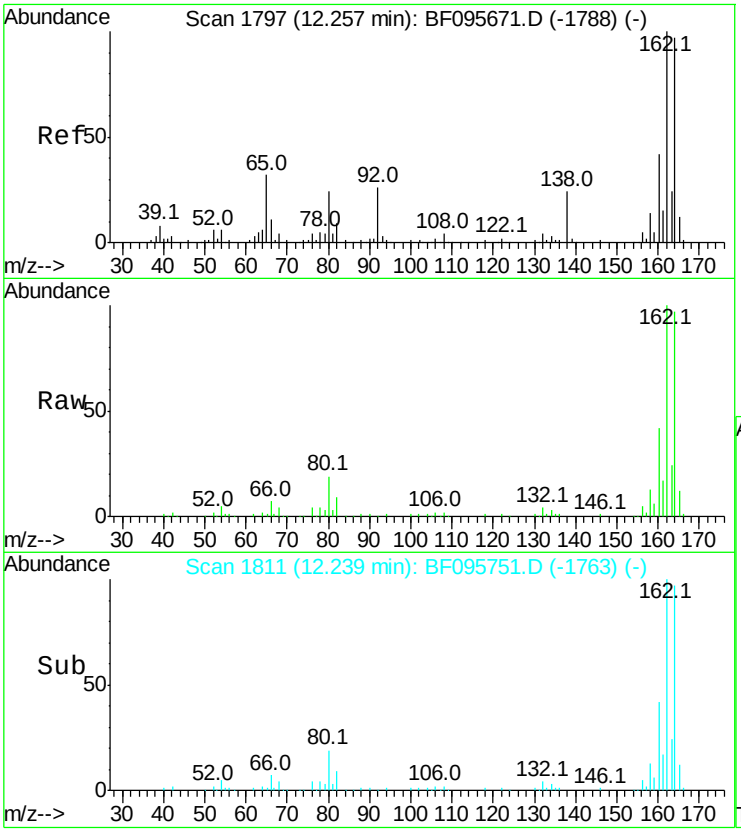


#23
Nitrobenzene-d5
Concen: 68.28 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion: 82 Resp: 331672

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	46.6	42.2	63.2



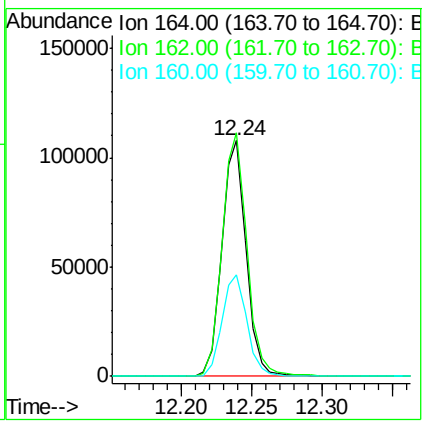


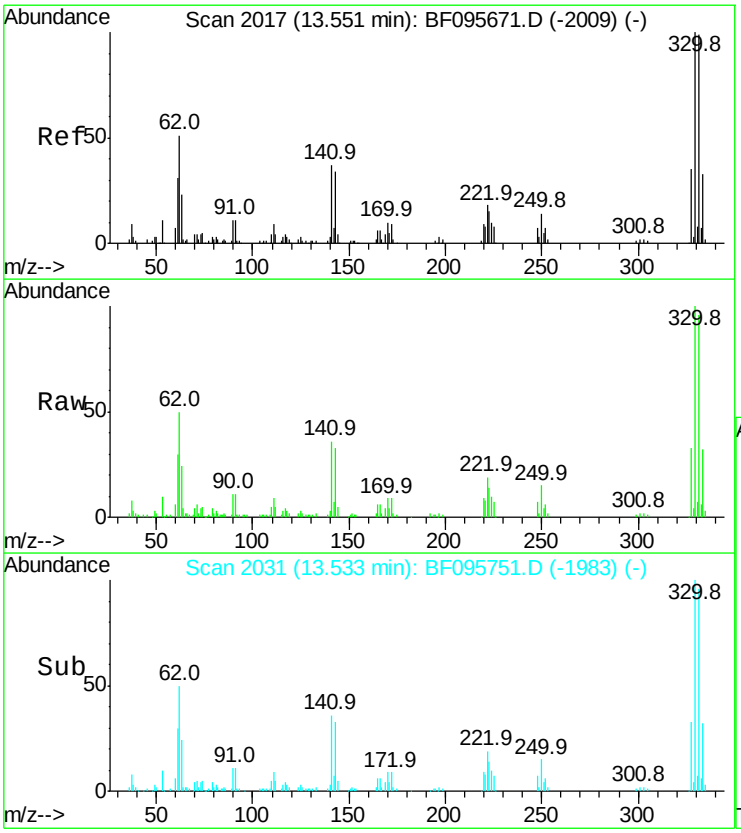
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 127478

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	42.9	36.2	54.2

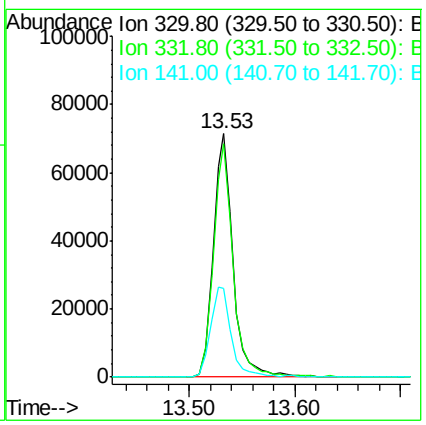


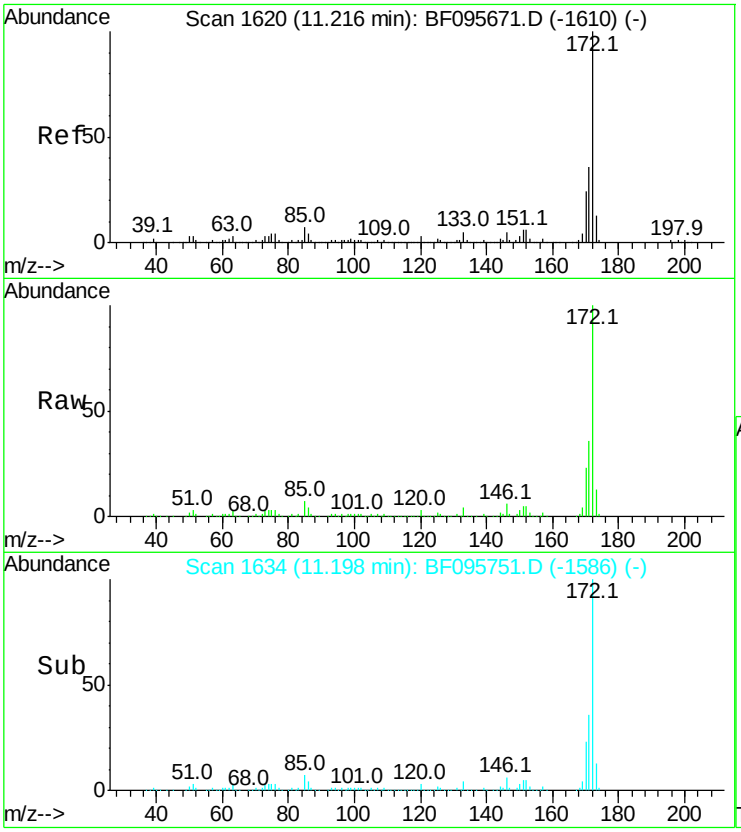


#41
2,4,6-Tribromophenol
Concen: 83.10 ng
RT: 13.53 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:330 Resp: 93730

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.7	31.4	47.2



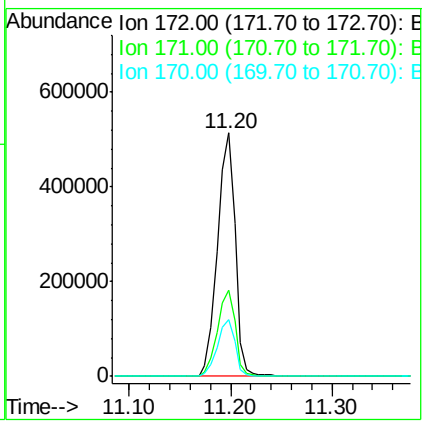


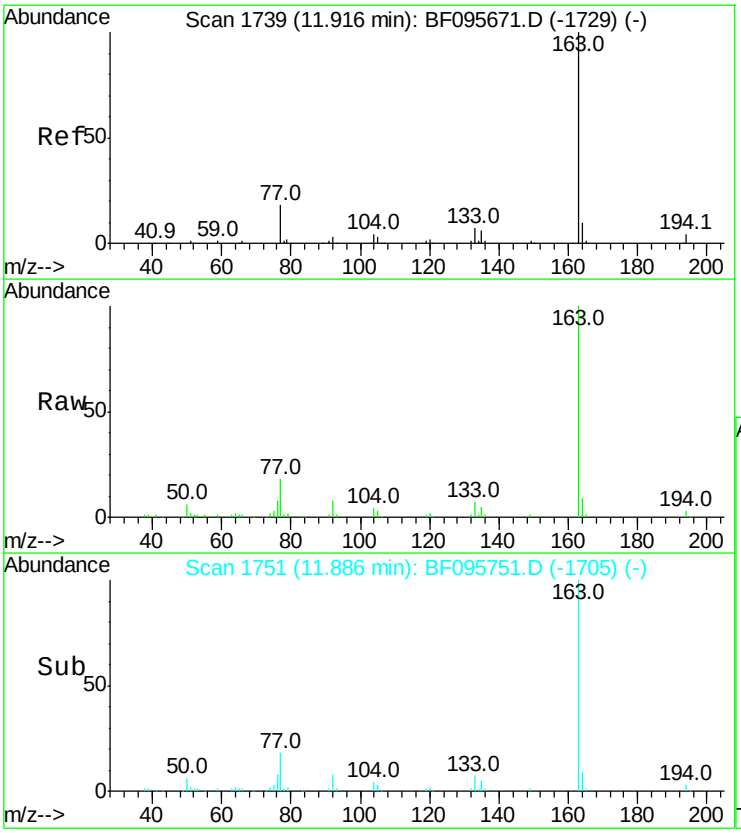
#44
2-Fluorobiphenyl
Concen: 68.58 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 628206

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.8	29.8

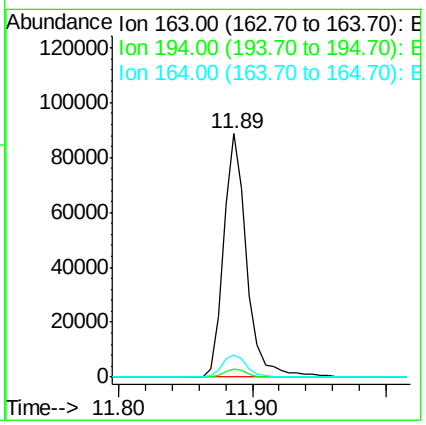


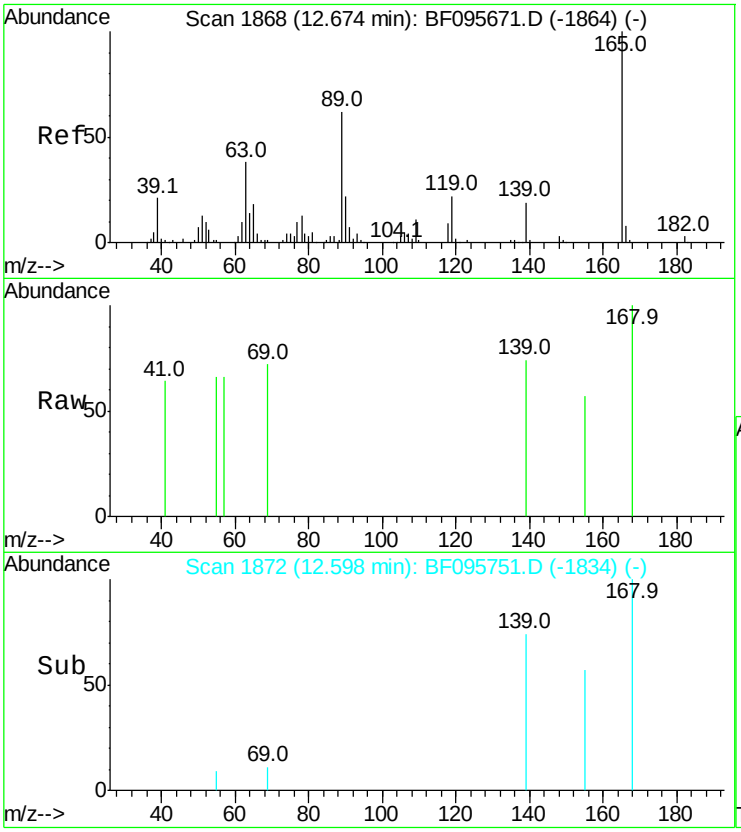


#49
Dimethylphthalate
Concen: 11.09 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:163 Resp: 107346

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.3	8.4	12.6



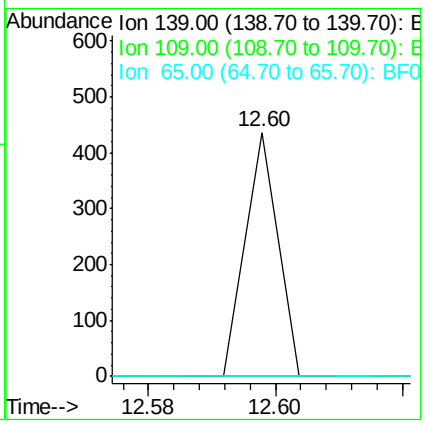


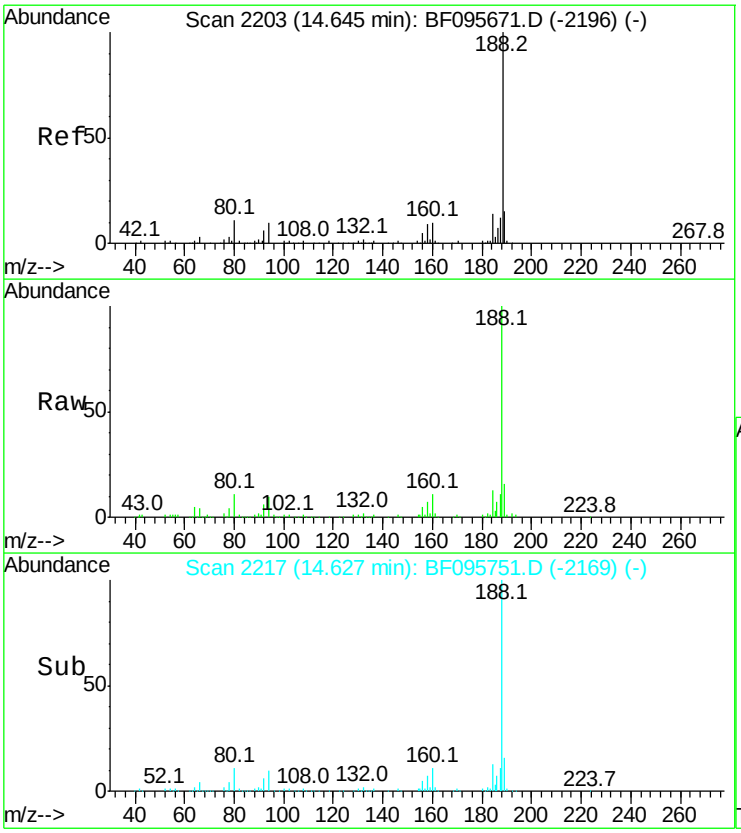
#55
4-Nitrophenol
Concen: 4.73 ng
RT: 12.60 min Scan# 1872
Delta R.T. -0.08 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 154

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

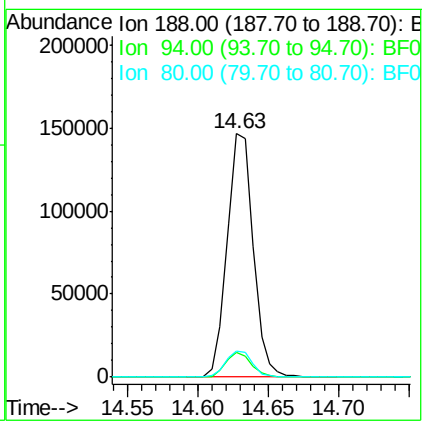


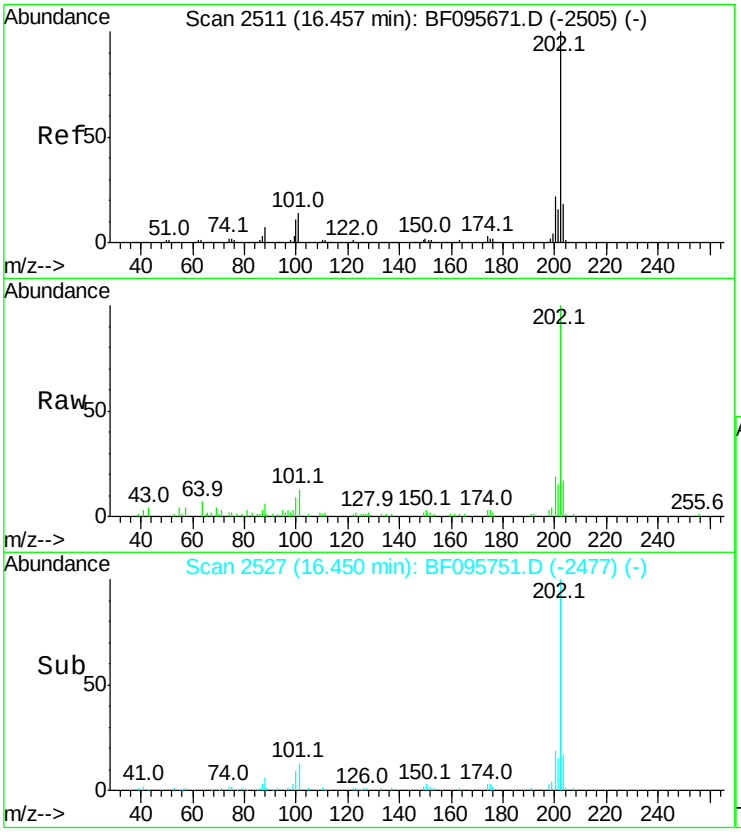


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:188 Resp: 189191

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.7	10.2	15.2



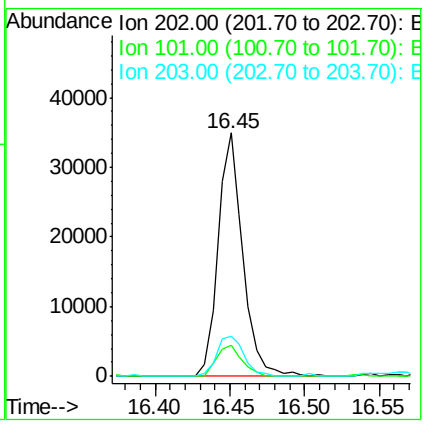


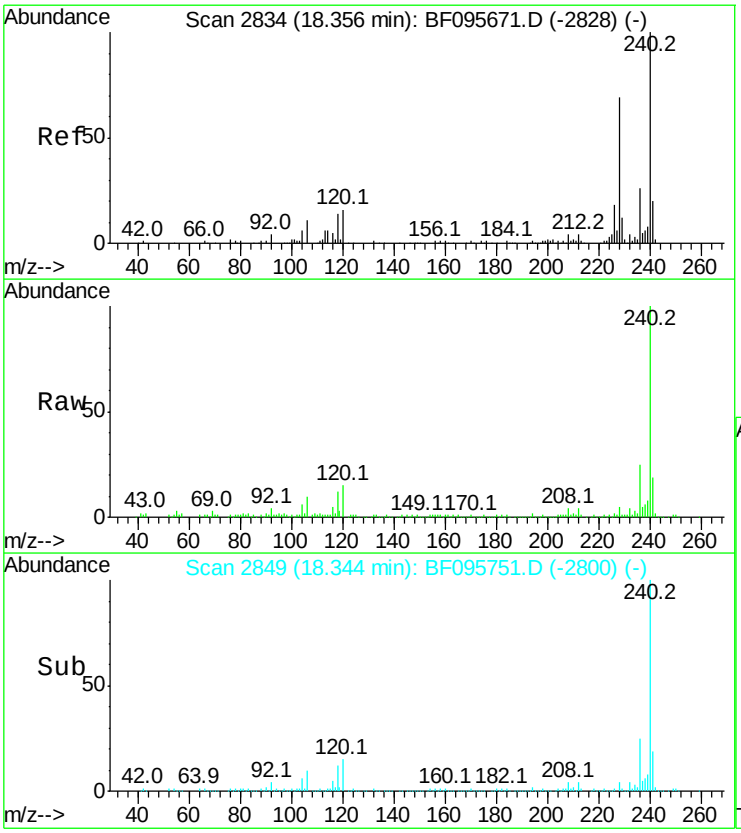
#74
Fluoranthene
Concen: 3.76 ng
RT: 16.45 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 40599

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.6	0.0	38.1

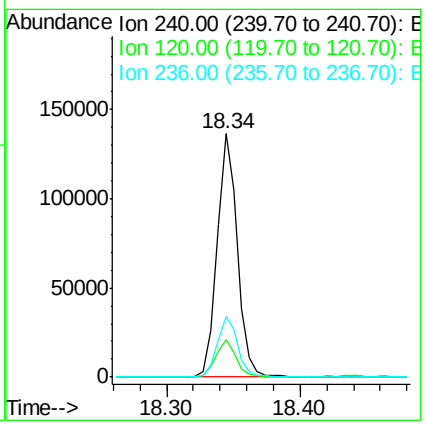


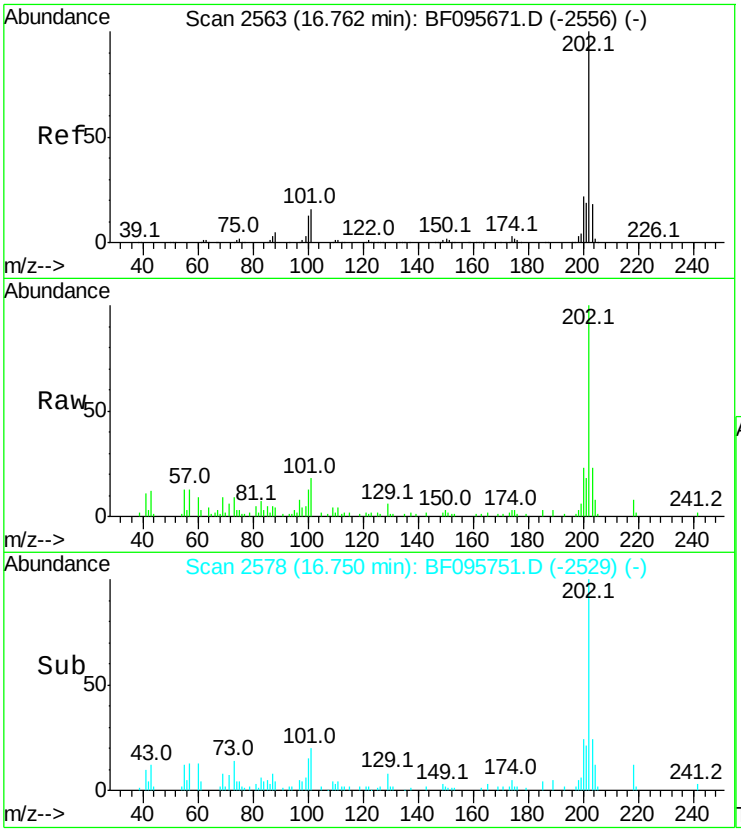


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:240 Resp: 145782

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.8	20.5	30.7



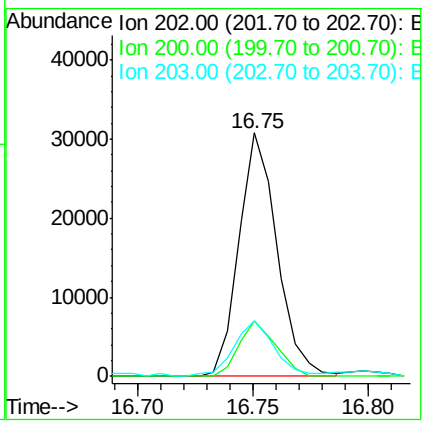


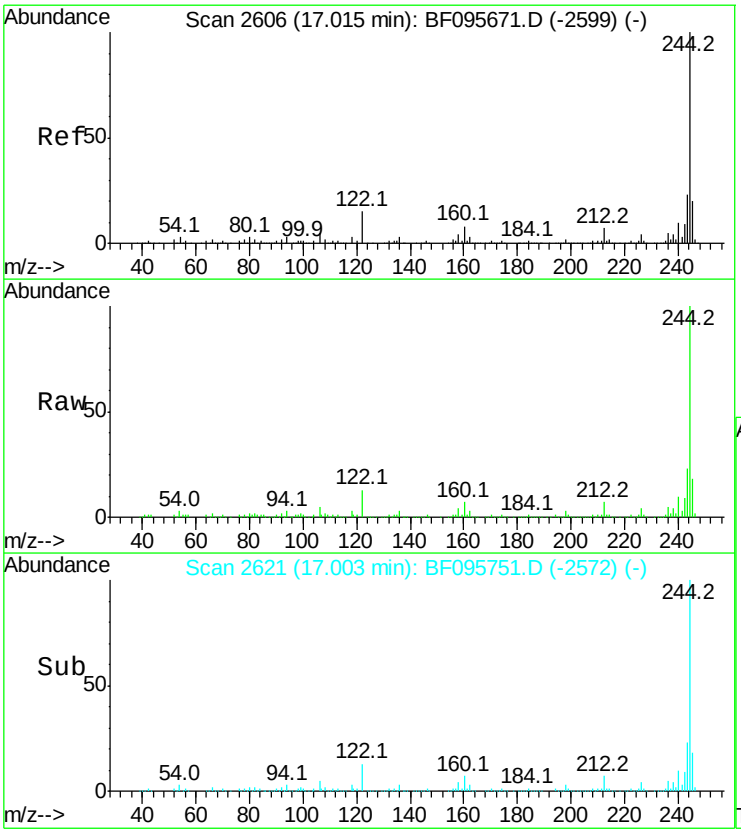
#77
Pyrene
Concen: 3.26 ng
RT: 16.75 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 35474

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	22.6	14.4	21.6#

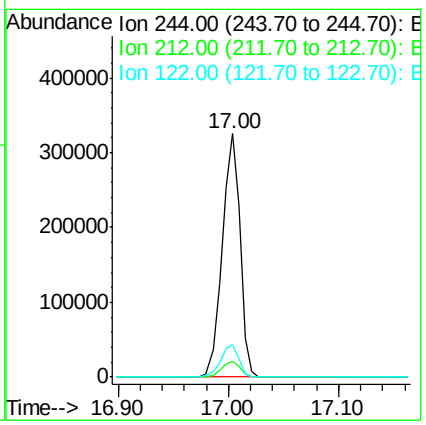


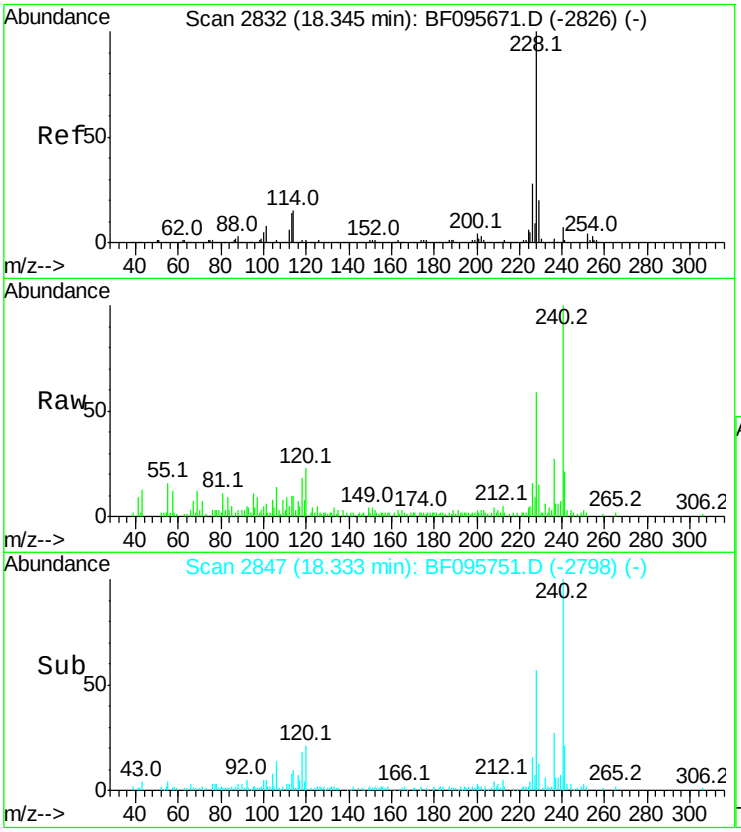


#78
Terphenyl-d14
Concen: 62.46 ng
RT: 17.00 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:244 Resp: 366893

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.5	10.3	15.5



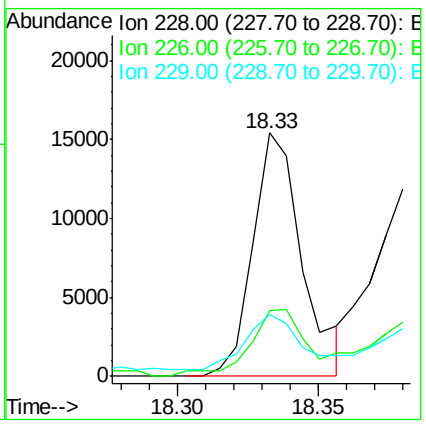


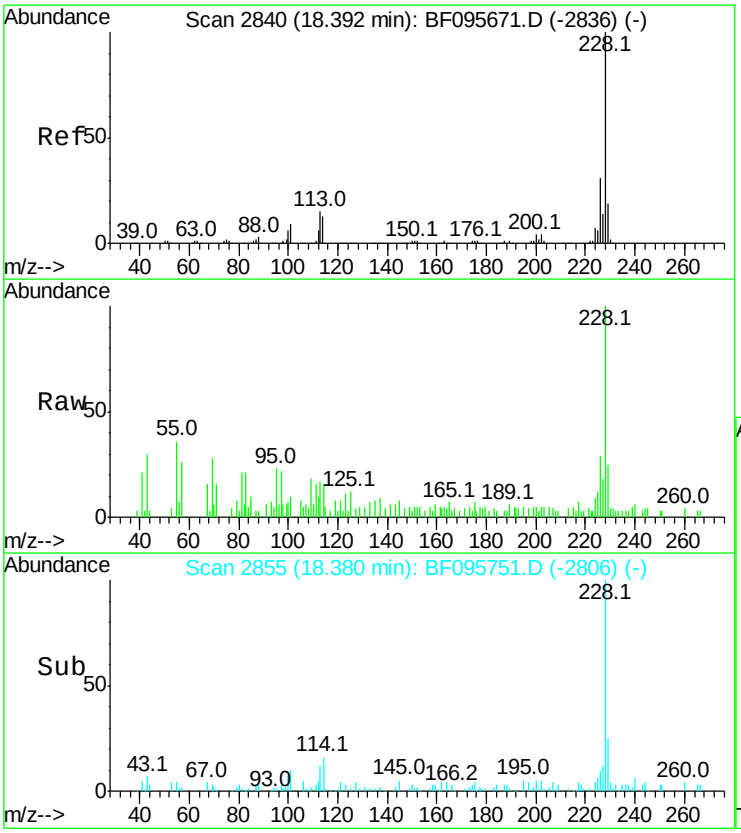
#80
Benzo(a)anthracene
Concen: 2.20 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 18653

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	25.4	16.3	24.5#

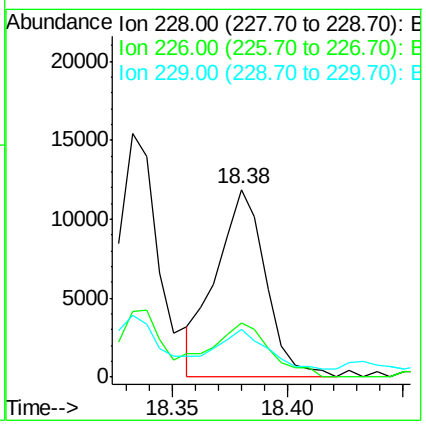


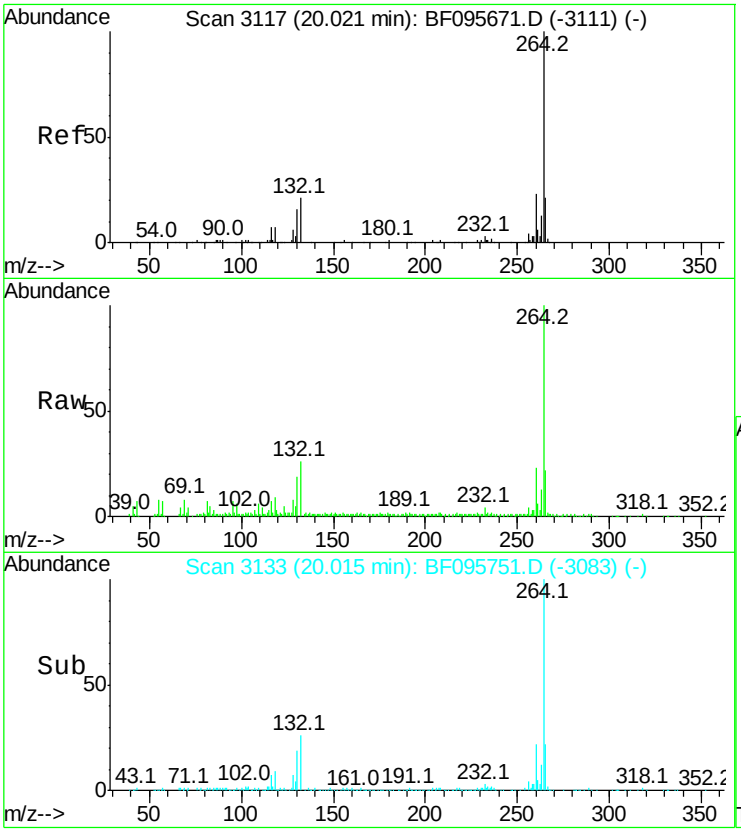


#82
Chrysene
Concen: 2.10 ng
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:228 Resp: 17778

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	25.2	15.8	23.6#



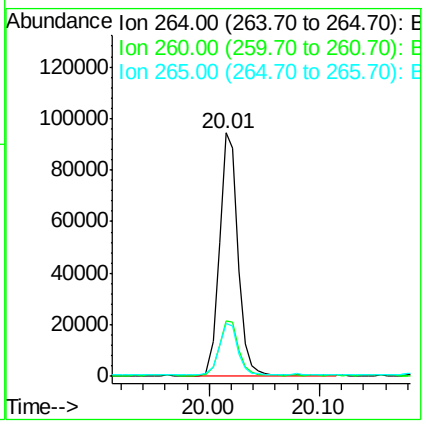


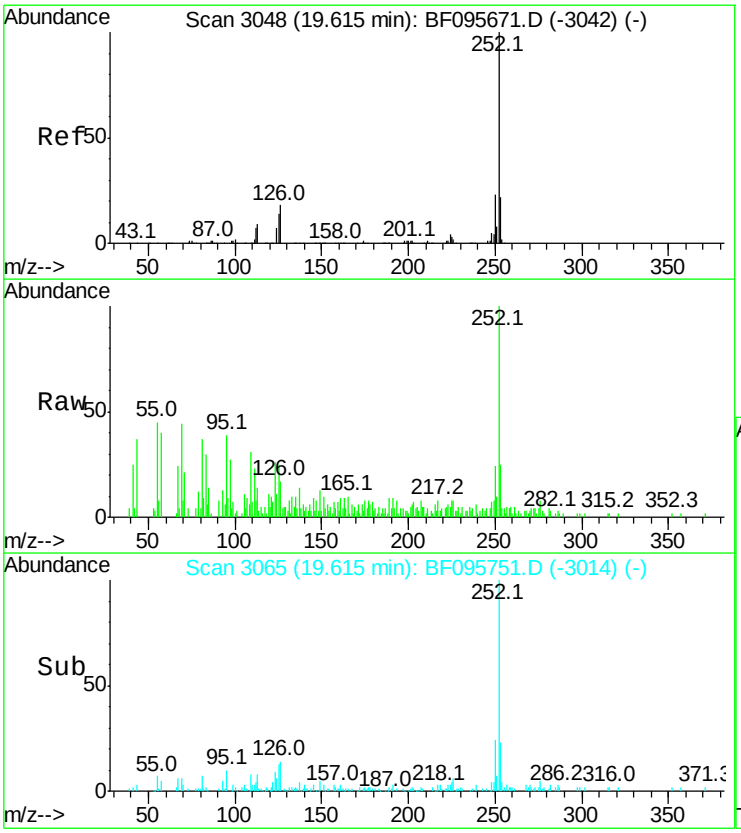
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 112261

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.9	17.2	25.8

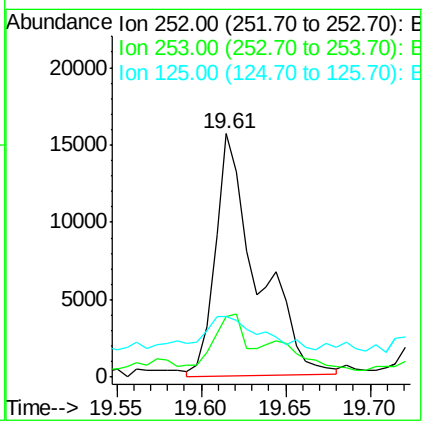


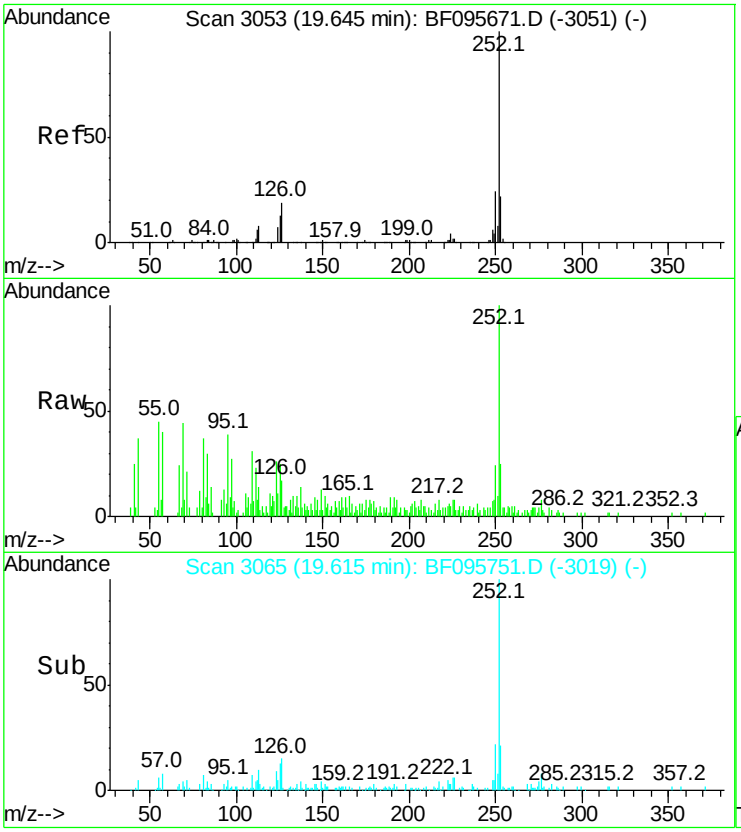


#87
Benzo(b)fluoranthene
Concen: 3.83 ng
RT: 19.61 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:252 Resp: 26931

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	25.1	9.8	14.8#



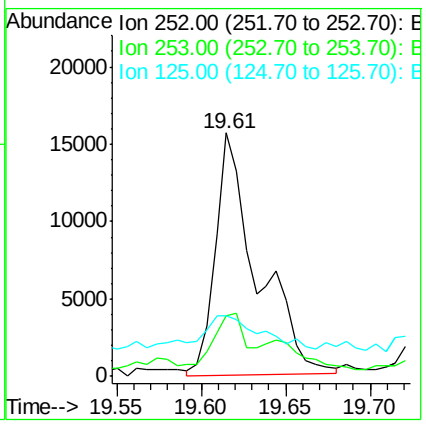


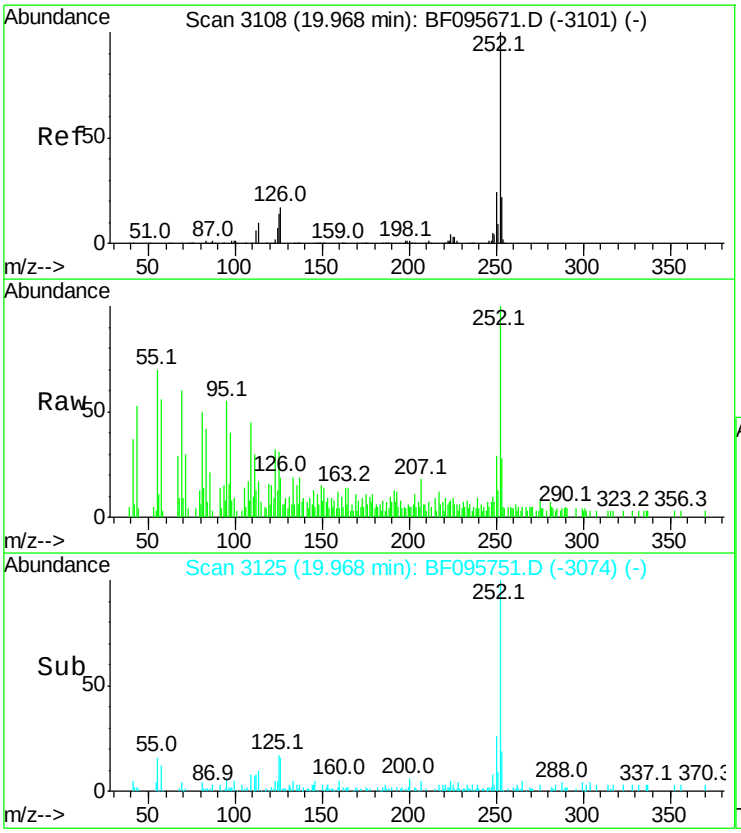
#88
Benzo(k)fluoranthene
Concen: 4.01 ng
RT: 19.61 min Scan# 3065
Delta R.T. -0.03 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26931

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	25.1	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.03 ng
RT: 19.97 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BF095751.D
Acq: 7 Jun 2017 17:55

Tgt Ion:252 Resp: 13099

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.5	26.3#
125	30.5	11.0	16.4#