Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095422.D
Acq On : 25 May 2017 12:33
Operator : SJ/MA
Sample : I3300-02 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 25 13:29:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	74748	20.00	ng		-0.01
21) Naphthalene-d8	9.77	136	281453	20.00	ng		-0.01
38) Acenaphthene-d10	12.61	164	109538	20.00	ng		-0.01
63) Phenanthrene-d10	15.01	188	186208	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	172188	20.00	ng		-0.01
86) Perylene-d12	20.36	264	114692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	74367	16.59	ng		0.04
7) Phenol-d6	7.36	99	93487	17.38	ng		0.05
23) Nitrobenzene-d5	8.69	82	48851	10.94	ng		0.02
41) 2,4,6-Tribromophenol	13.92	330	16320	18.19	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	103233	13.56	ng		-0.01
78) Terphenyl-d14	17.32	244	79977	10.23	ng		-0.02
Target Compounds							Qvalue
3) Pyridine	2.96	79	15875	3.12	ng	#	32
31) Naphthalene	9.81	128	35322	2.50	ng		98
48) Acenaphthylene	12.38	152	51853	4.45	ng		97
50) 2,6-Dinitrotoluene	12.60	165	12828	6.99	ng	#	31
57) Fluorene	13.51	166	18554	2.21	ng	#	94
70) Phenanthrene	15.05	178	150780	14.09	ng		97
71) Anthracene	15.14	178	49234	4.51	ng		97
74) Fluoranthene	16.79	202	172296	15.70	ng		99
77) Pyrene	17.09	202	365565	28.39	ng		98
80) Benzo(a)anthracene	18.71	228	99735	9.95	ng		96
82) Chrysene	18.71	228	99735	10.29	ng		97
85) Indeno(1,2,3-cd)pyrene	21.70	276	44796	5.69	ng		94
87) Benzo(b)fluoranthene	19.95	252	124586	17.58	ng		98
88) Benzo(k)fluoranthene	19.95	252	124586	18.22	ng		98
89) Benzo(a)pyrene	20.31	252	98802	15.11	ng		99
91) Benzo(g,h,i)perylene	22.09	276	71421	13.48	ng		99

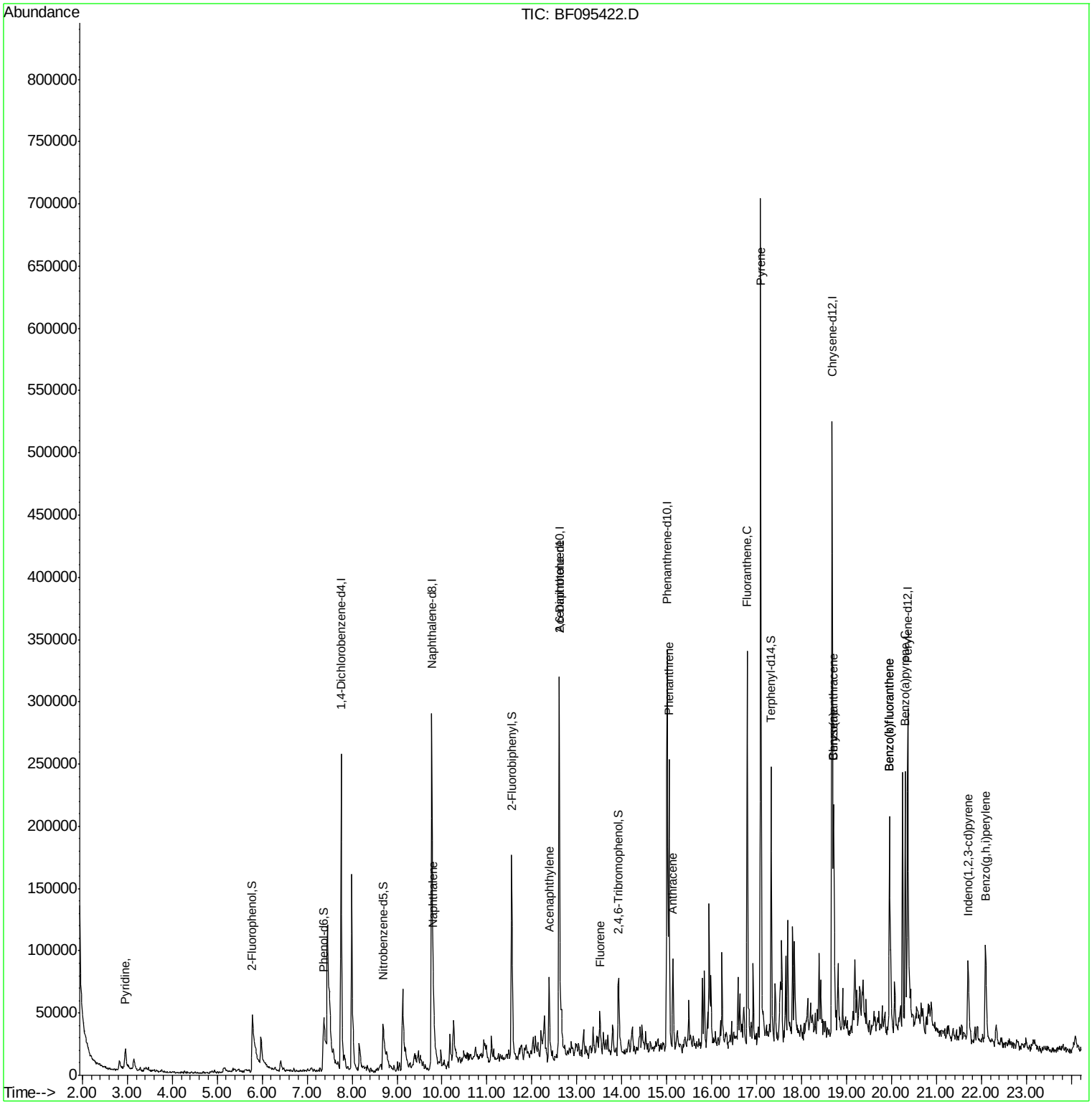
(#) = qualifier out of range (m) = manual integration (+) = signals summed

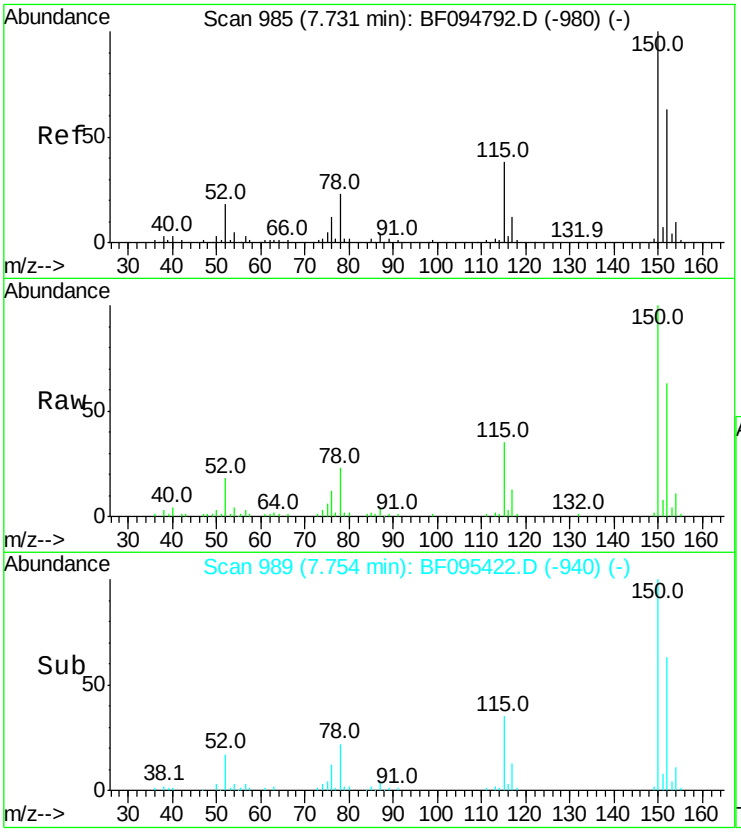
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095422.D
Acq On : 25 May 2017 12:33
Operator : SJ/MA
Sample : I3300-02 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 25 13:29:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



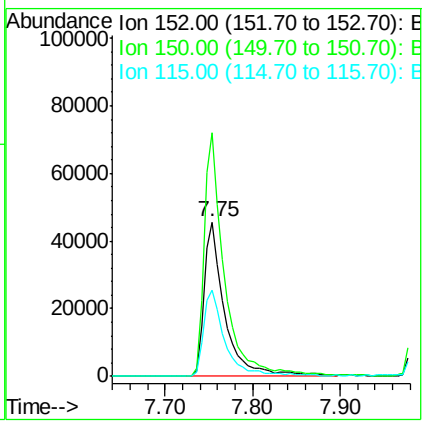


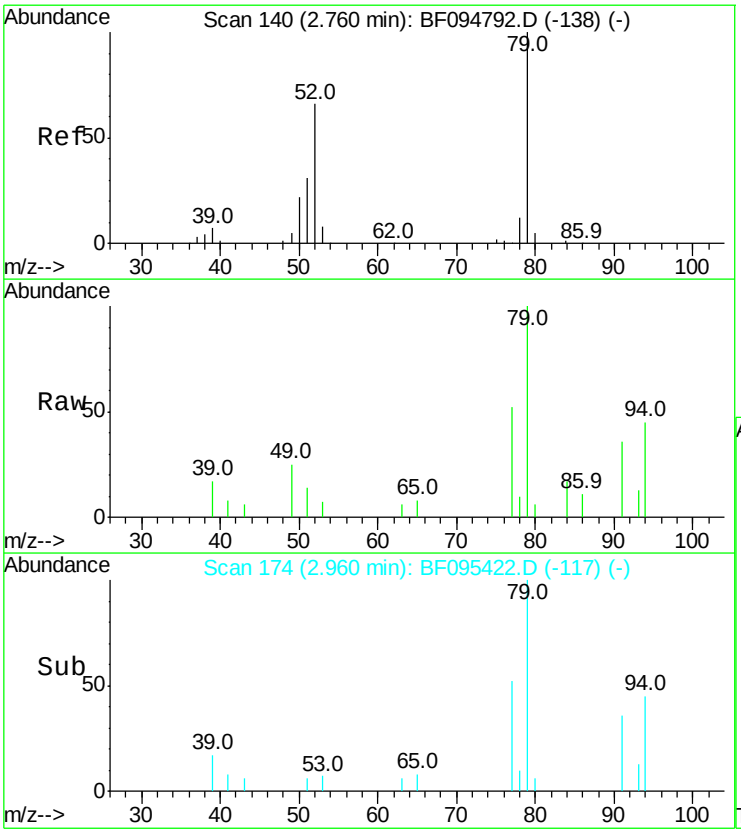
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 74748

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	55.6	52.2	78.2

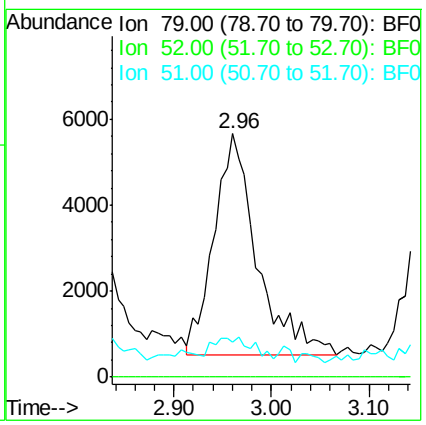


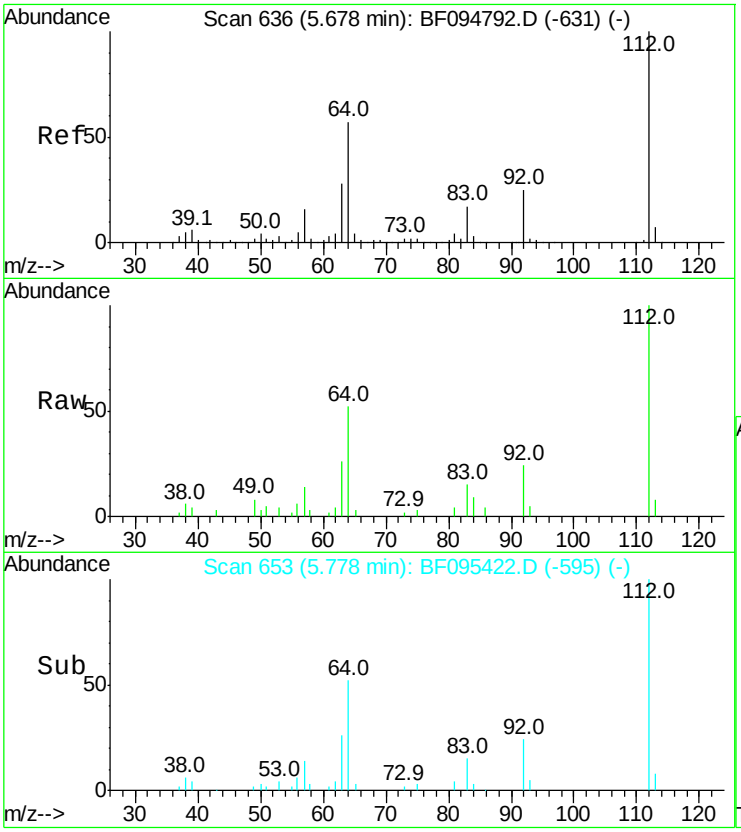


#3
Pyridine
Concen: 3.12 ng
RT: 2.96 min Scan# 174
Delta R.T. 0.04 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion: 79 Resp: 15875

Ion	Ratio	Lower	Upper
79	100		
52	0.0	54.8	82.2#
51	14.3	27.0	40.4#



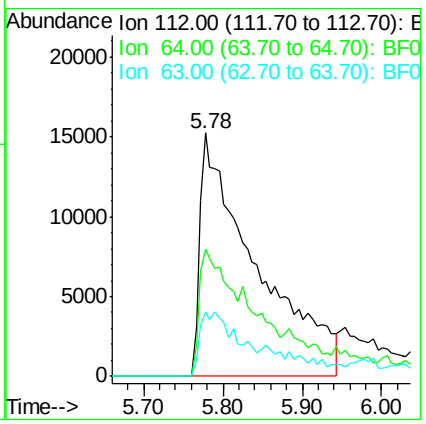


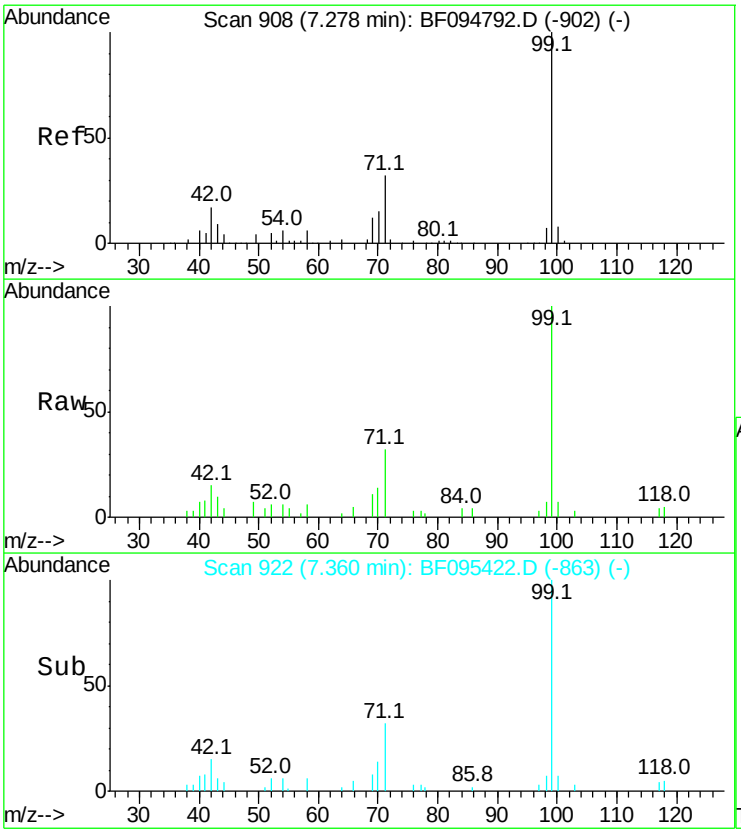
#5
2-Fluorophenol
Concen: 16.59 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.04 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 74367

Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.0	69.0
63	26.3	23.4	35.0

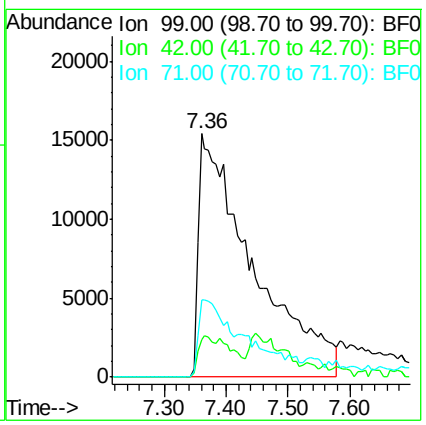


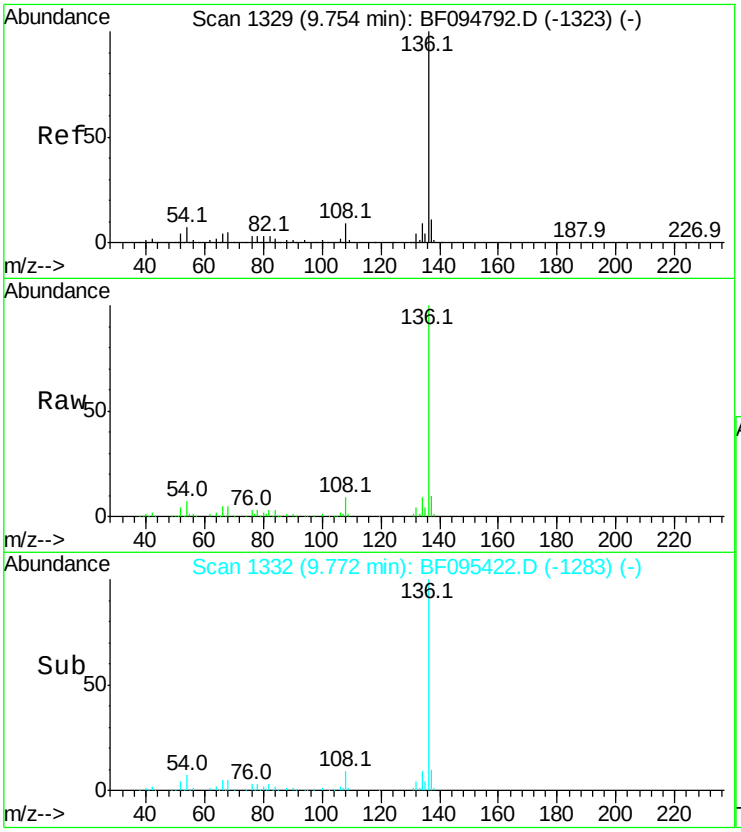


#7
Phenol-d6
Concen: 17.38 ng
RT: 7.36 min Scan# 922
Delta R.T. 0.05 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion: 99 Resp: 93487

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	31.5	24.5	36.7

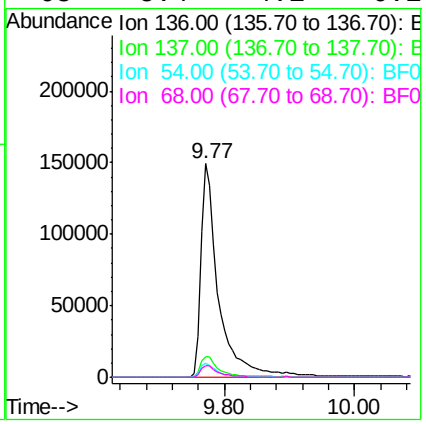




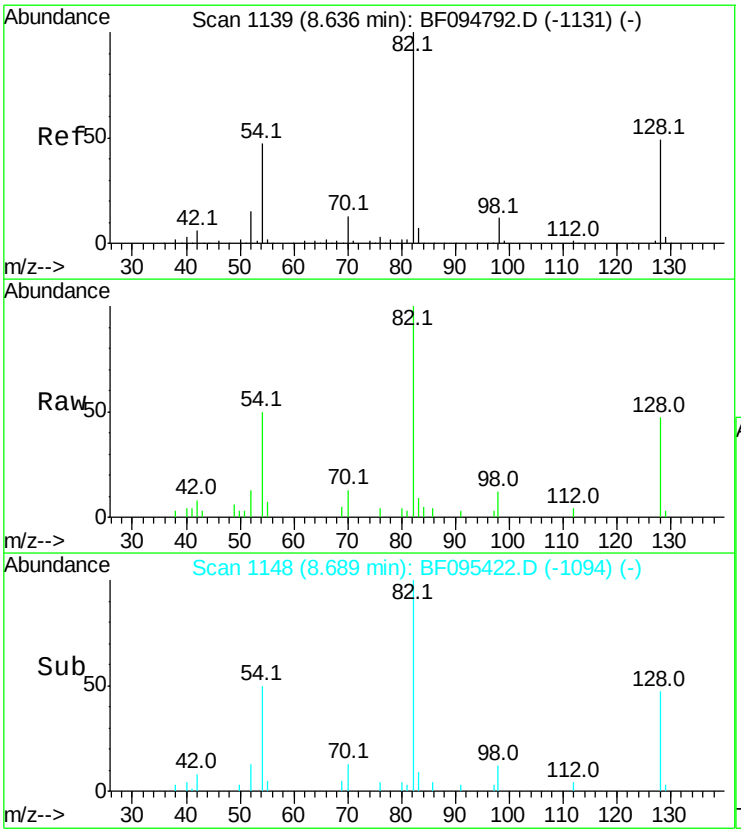
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:136 Resp: 281453

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1



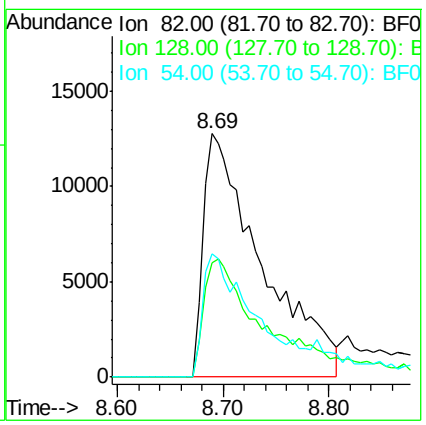
Instrument :
BNA_F
ClientSampleId :

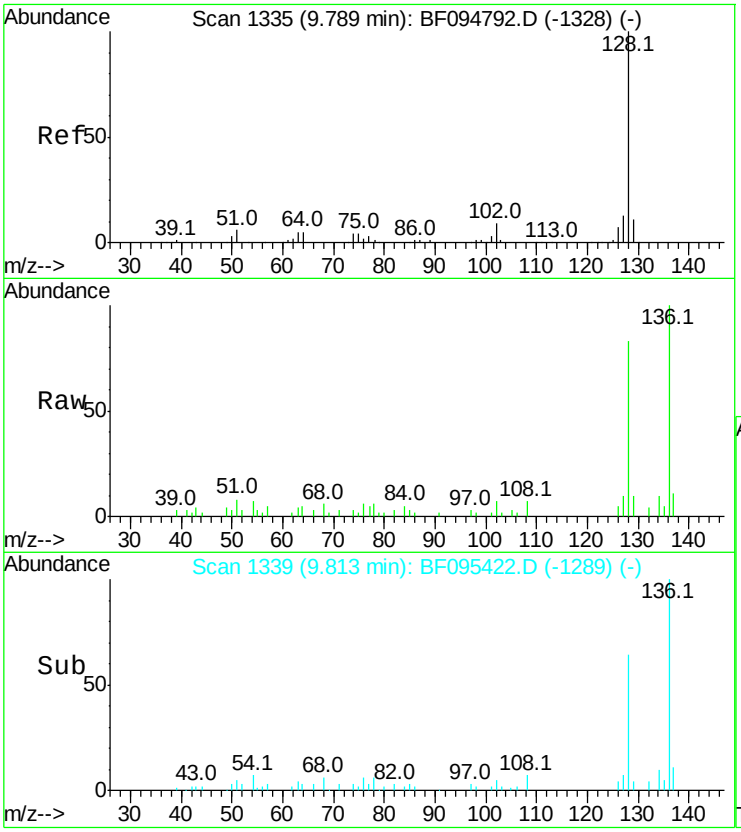


#23
Nitrobenzene-d5
Concen: 10.94 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.02 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion: 82 Resp: 48851

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	50.5	42.2	63.2



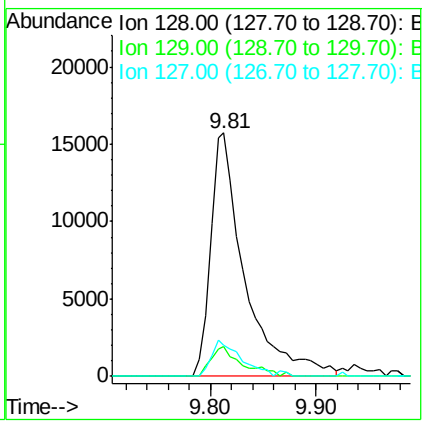


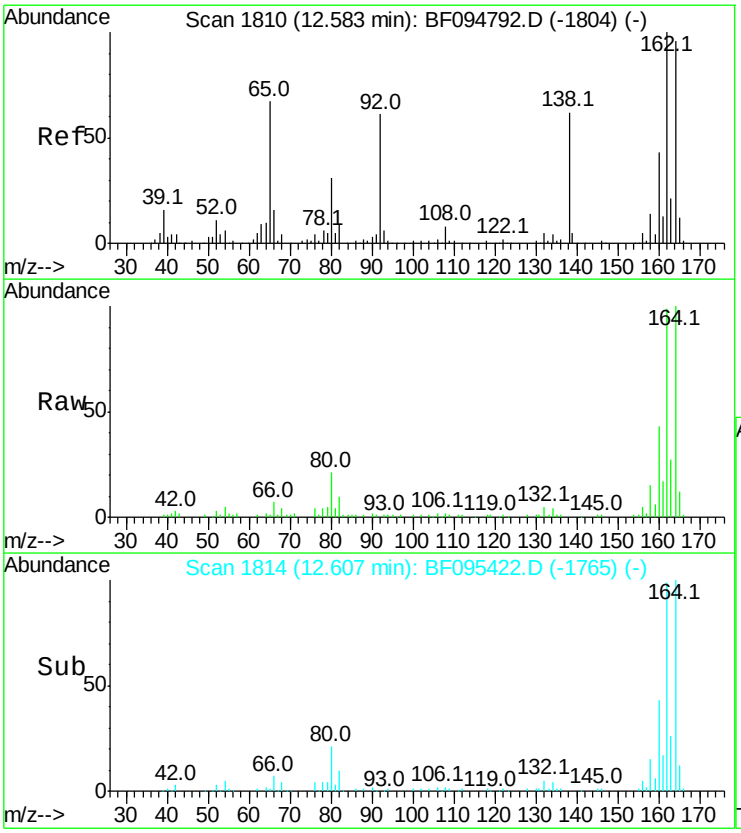
#31
Naphthalene
Concen: 2.50 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 35322

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	12.6	10.8	16.2

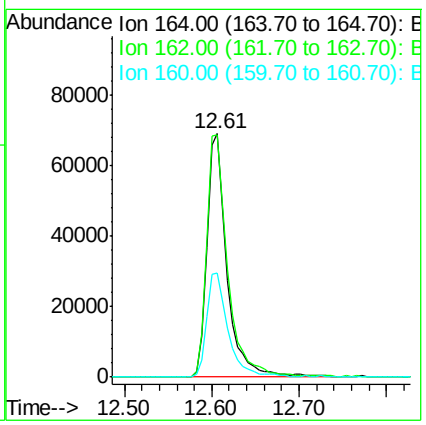


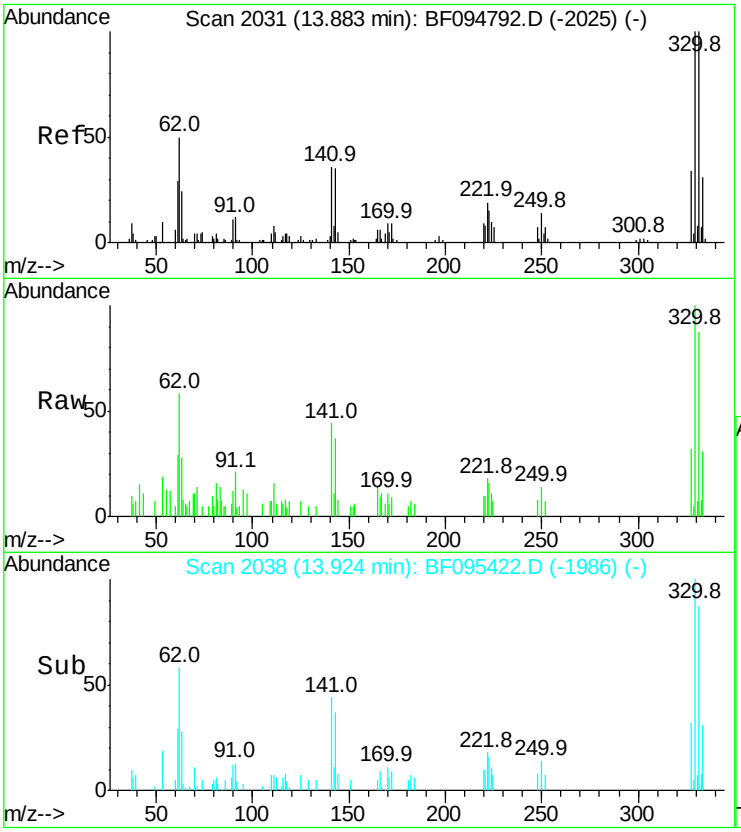


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:164 Resp: 109538

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	42.5	36.2	54.2



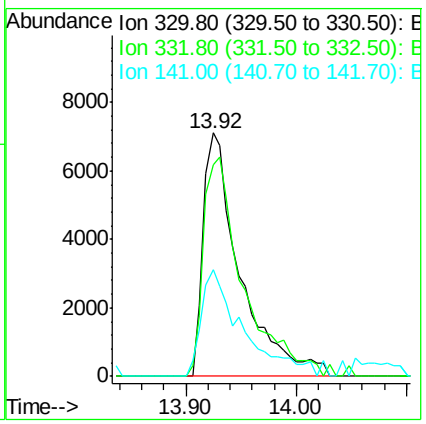


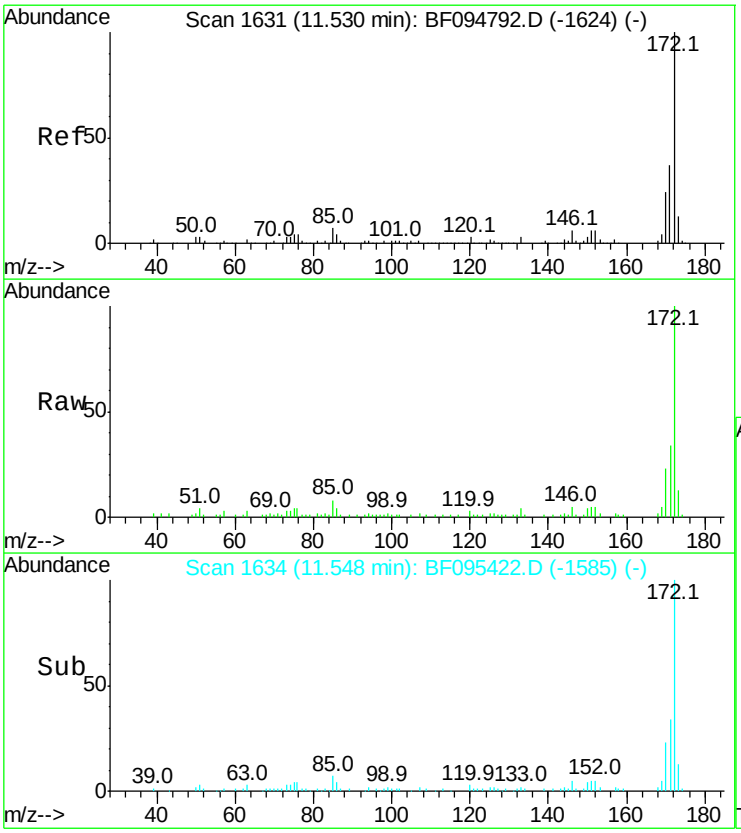
#41
2,4,6-Tribromophenol
Concen: 18.19 ng
RT: 13.92 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 16320

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	50.2	31.4	47.2#

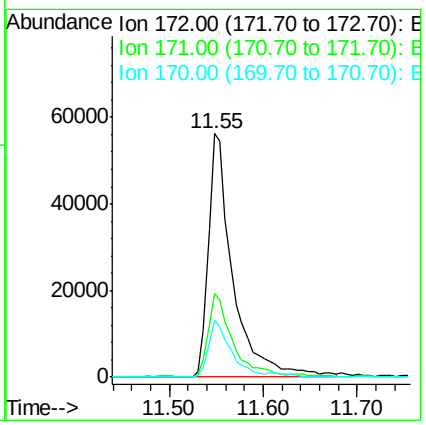


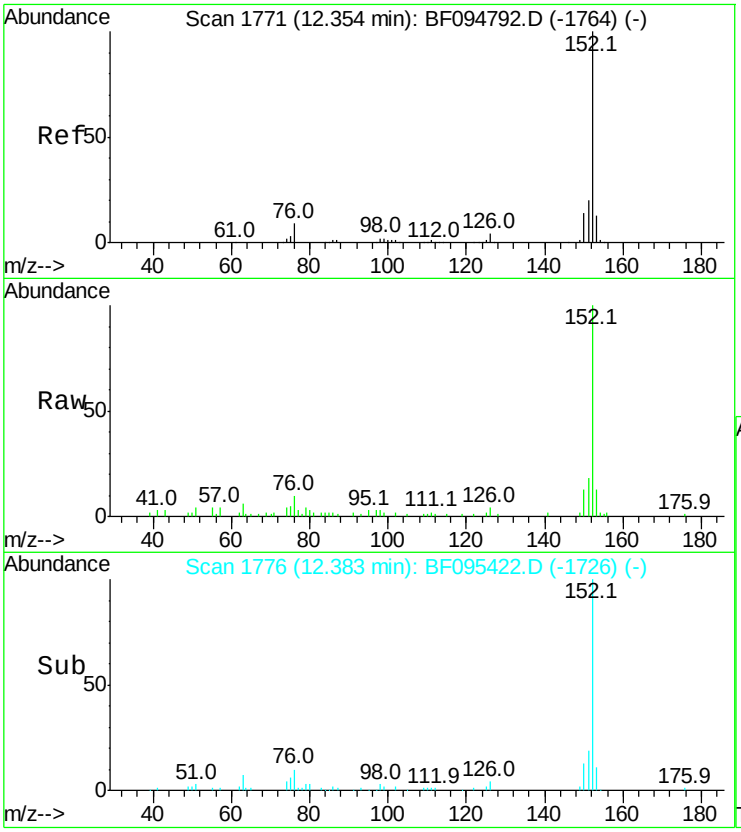


#44
2-Fluorobiphenyl
Concen: 13.56 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:172 Resp: 103233

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.4	19.8	29.8



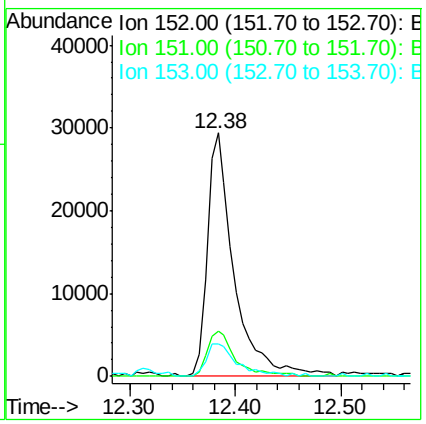


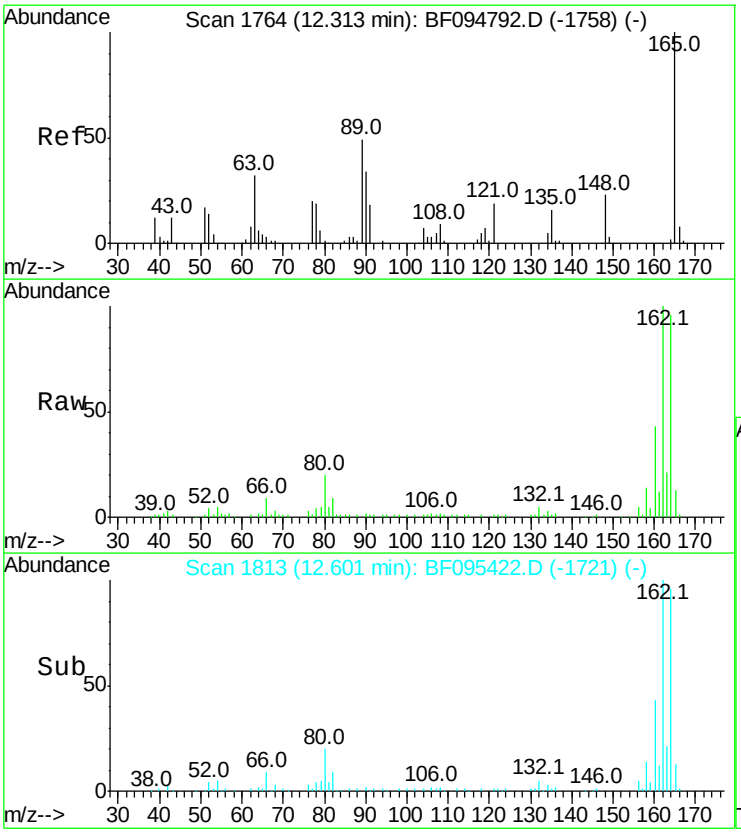
#48
Acenaphthylene
Concen: 4.45 ng
RT: 12.38 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51853

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.8	25.2
153	13.4	10.8	16.2

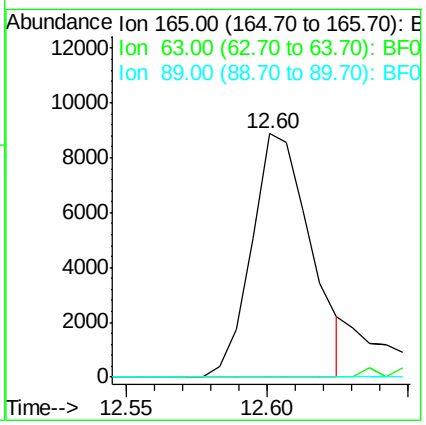


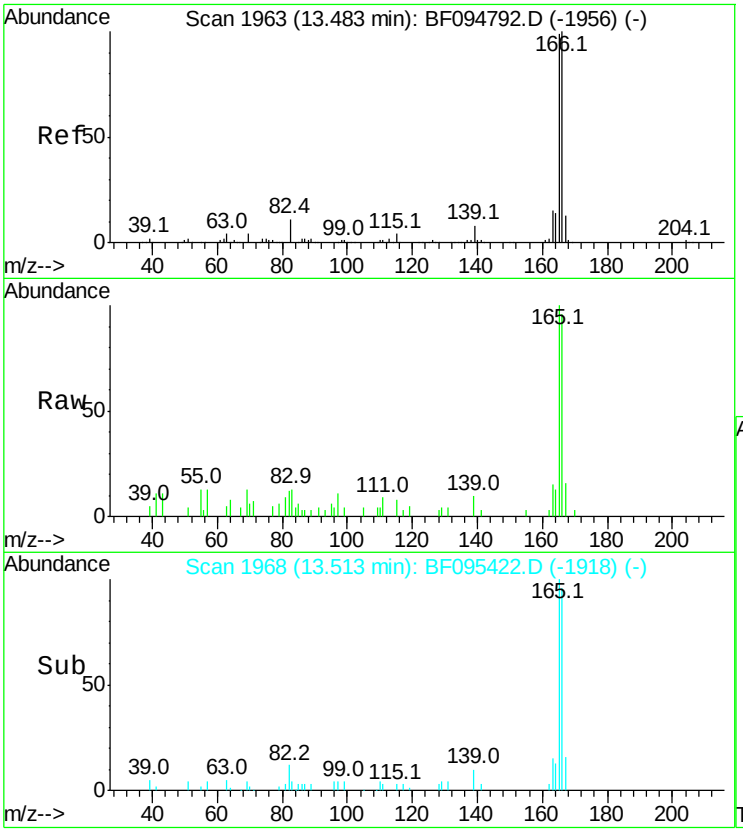


#50
2,6-Dinitrotoluene
Concen: 6.99 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.24 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:165 Resp: 12828

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



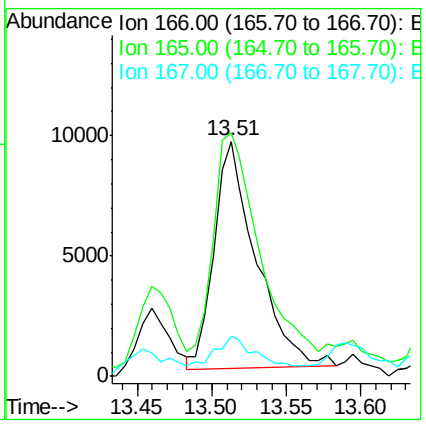


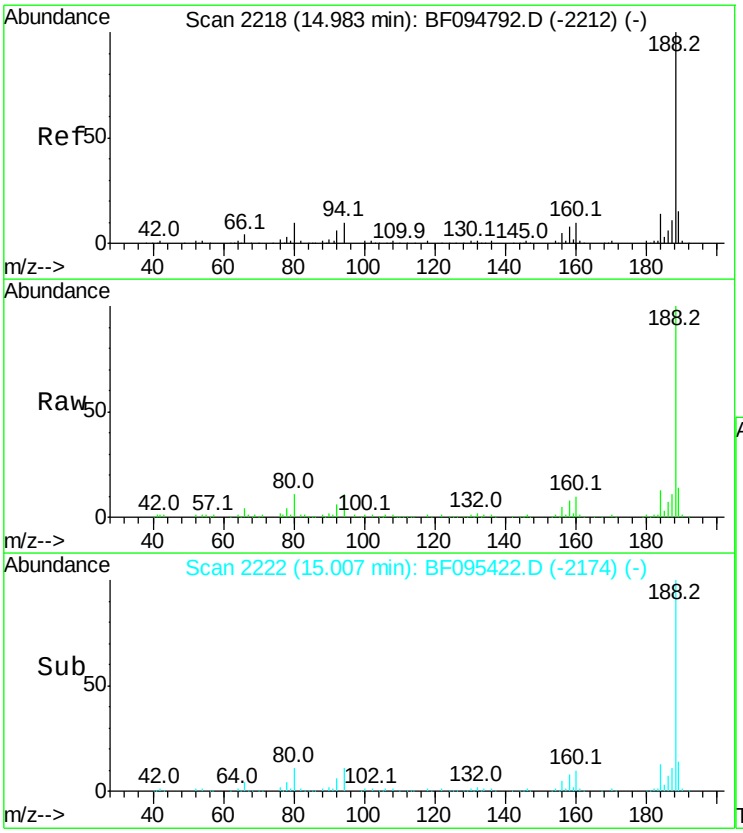
#57
Fluorene
Concen: 2.21 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 18554

Ion	Ratio	Lower	Upper
166	100		
165	103.7	78.8	118.2
167	17.1	10.6	16.0#

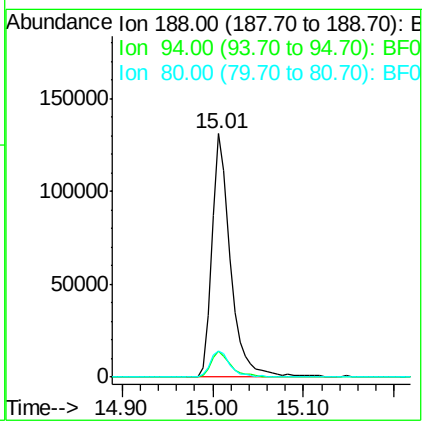


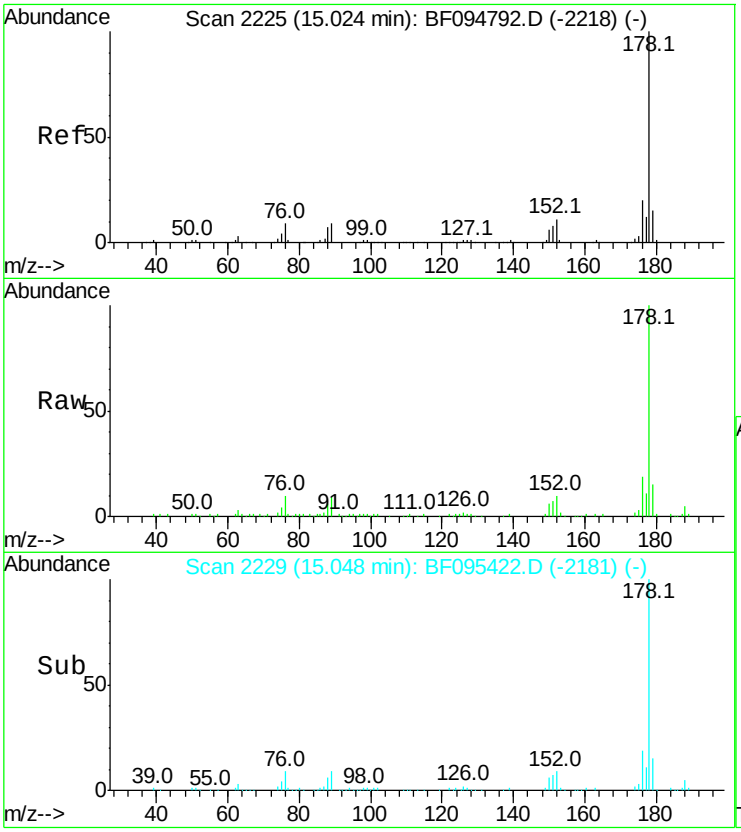


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:188 Resp: 186208

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.6	10.2	15.2



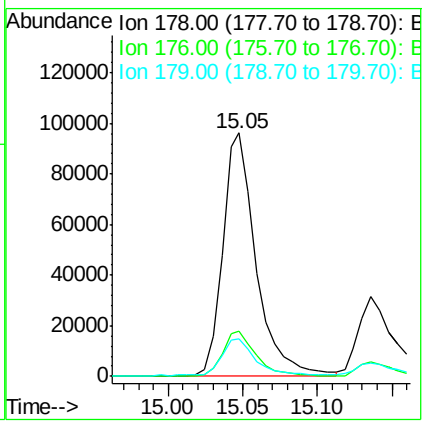


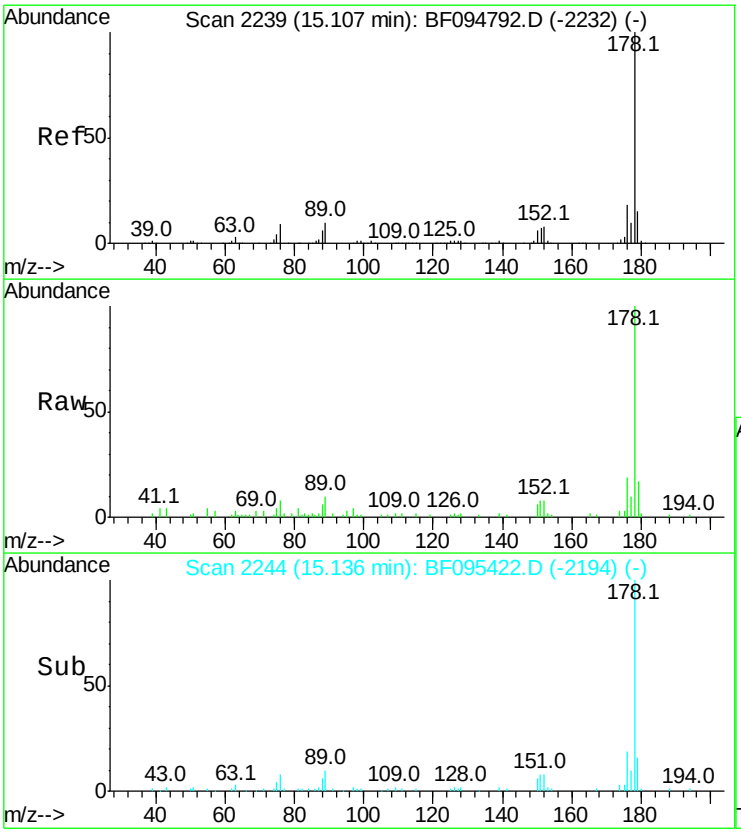
#70
Phenanthrene
Concen: 14.09 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 150780

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.3	12.6	19.0

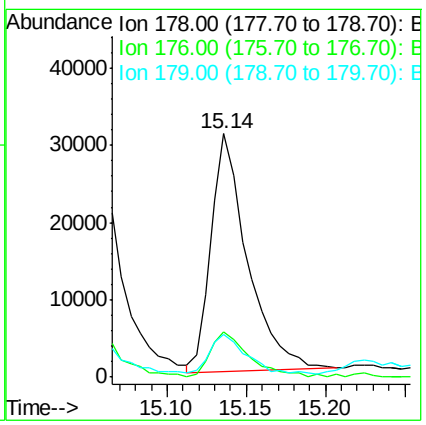


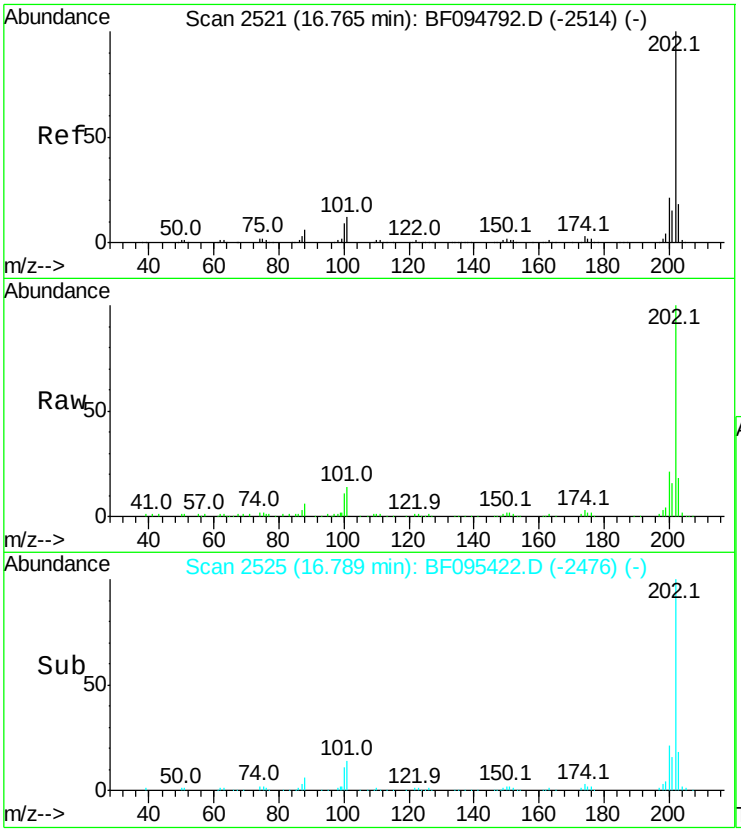


#71
Anthracene
Concen: 4.51 ng
RT: 15.14 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:178 Resp: 49234

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	17.3	12.7	19.1



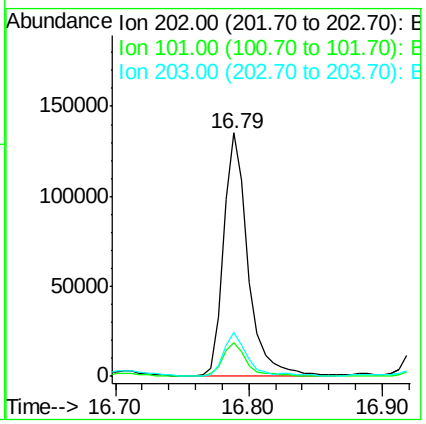


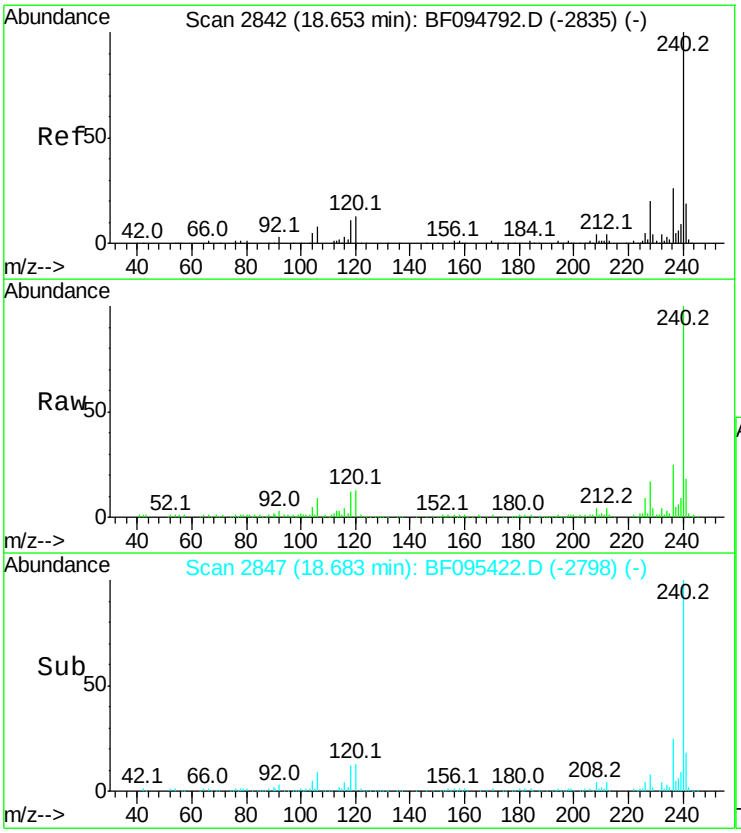
#74
Fluoranthene
Concen: 15.70 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 172296

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.9	0.0	38.1

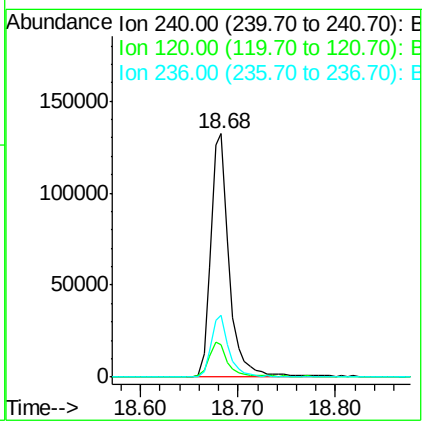


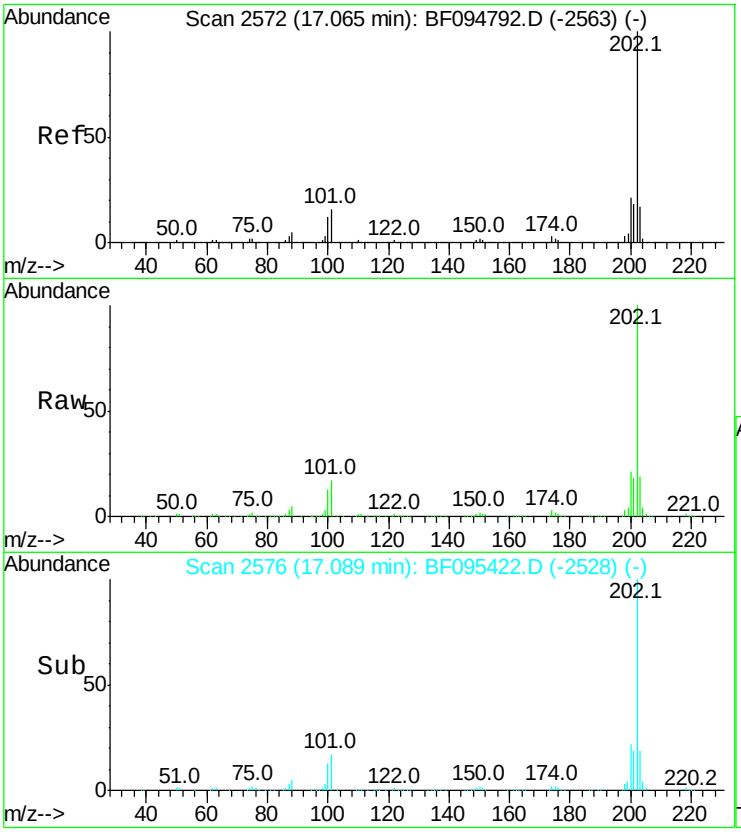


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:240 Resp: 172188

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.3	20.5	30.7



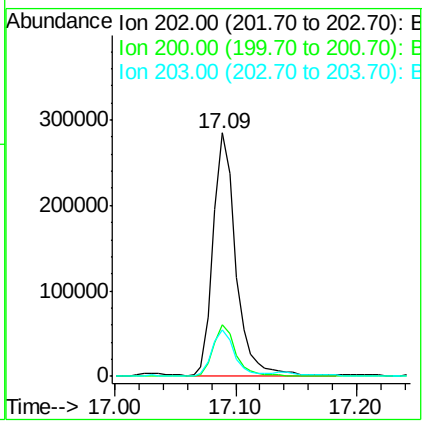


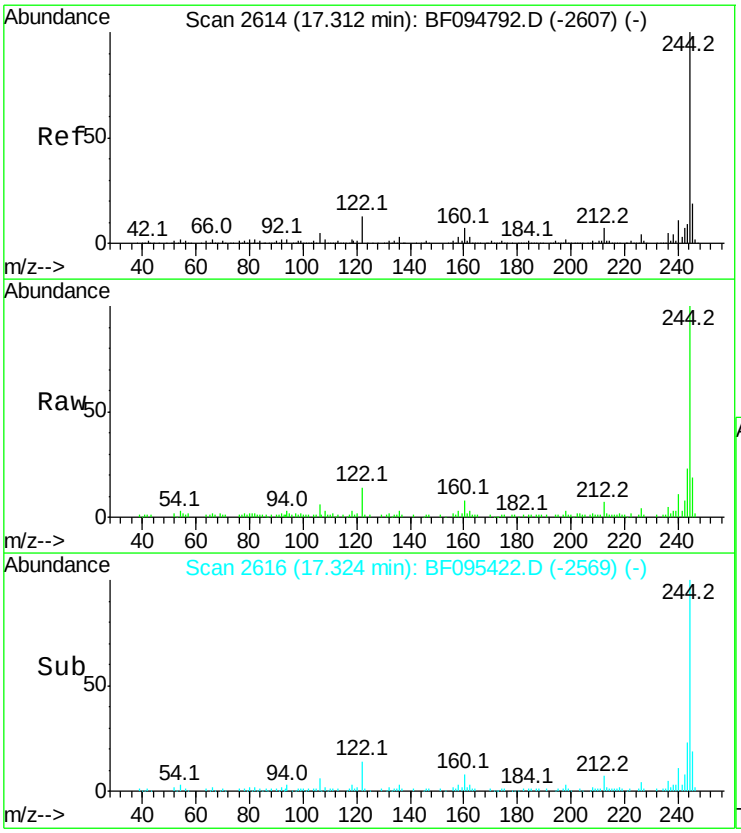
#77
Pyrene
Concen: 28.39 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 365565

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	19.2	14.4	21.6

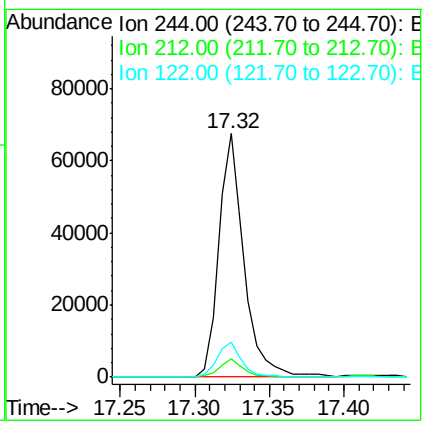


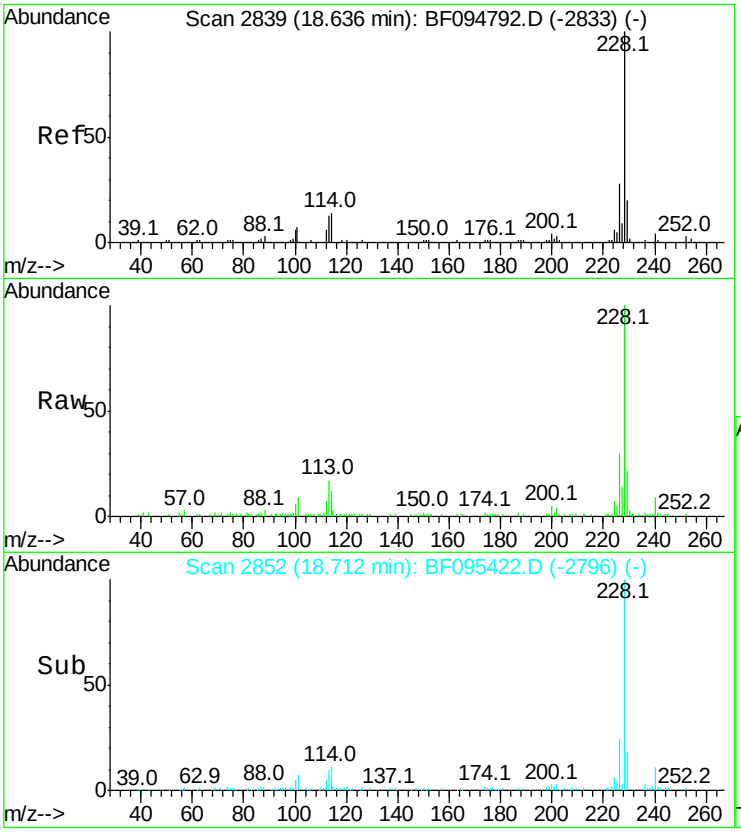


#78
Terphenyl-d14
Concen: 10.23 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:244 Resp: 79977

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.2	10.3	15.5



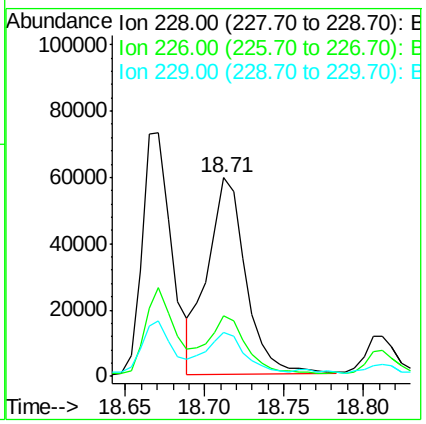


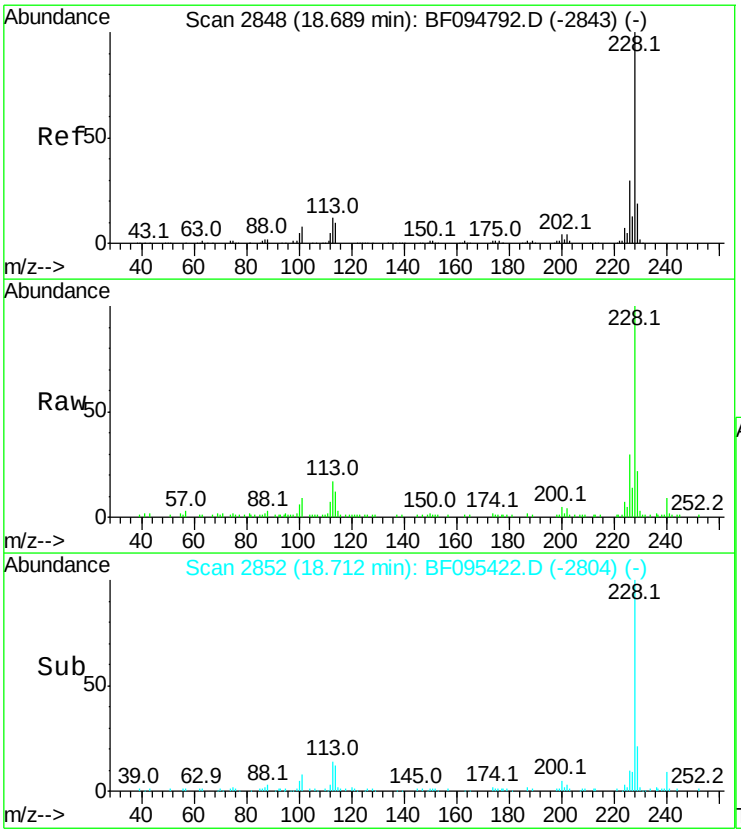
#80
Benzo(a)anthracene
Concen: 9.95 ng
RT: 18.71 min Scan# 2852
Delta R.T. 0.03 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 99735

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.1	16.3	24.5

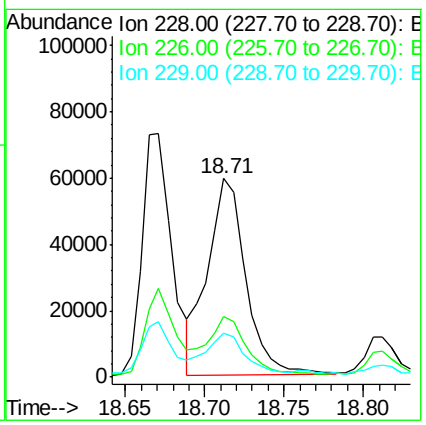


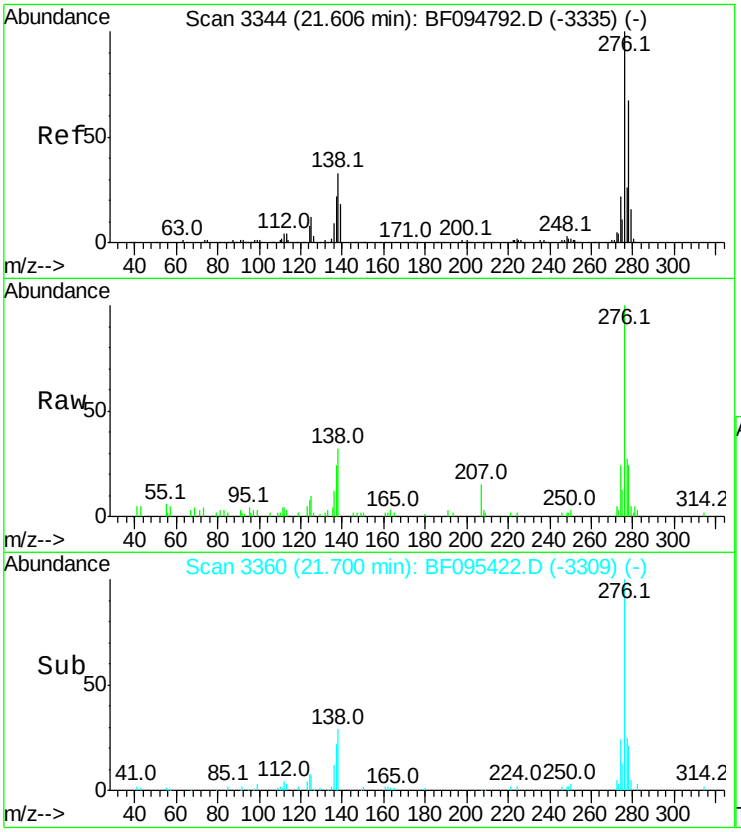


#82
Chrysene
Concen: 10.29 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:228 Resp: 99735

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.1	15.8	23.6



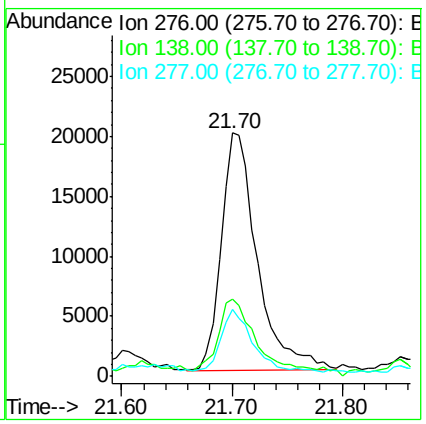


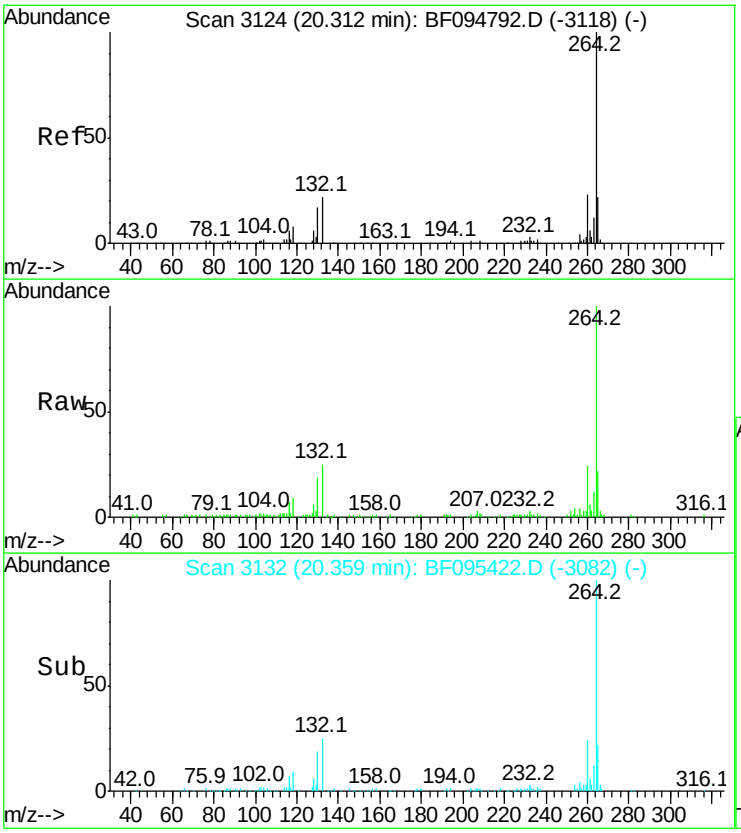
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.69 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 44796

Ion	Ratio	Lower	Upper
276	100		
138	38.3	27.8	41.6
277	22.2	20.2	30.4

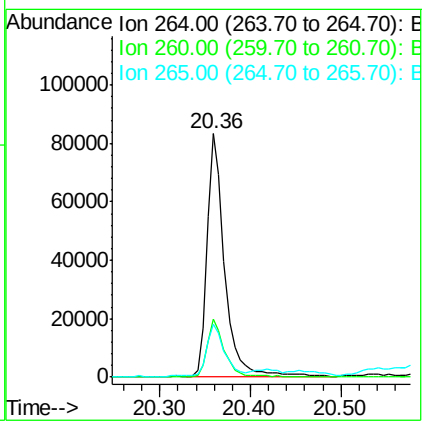


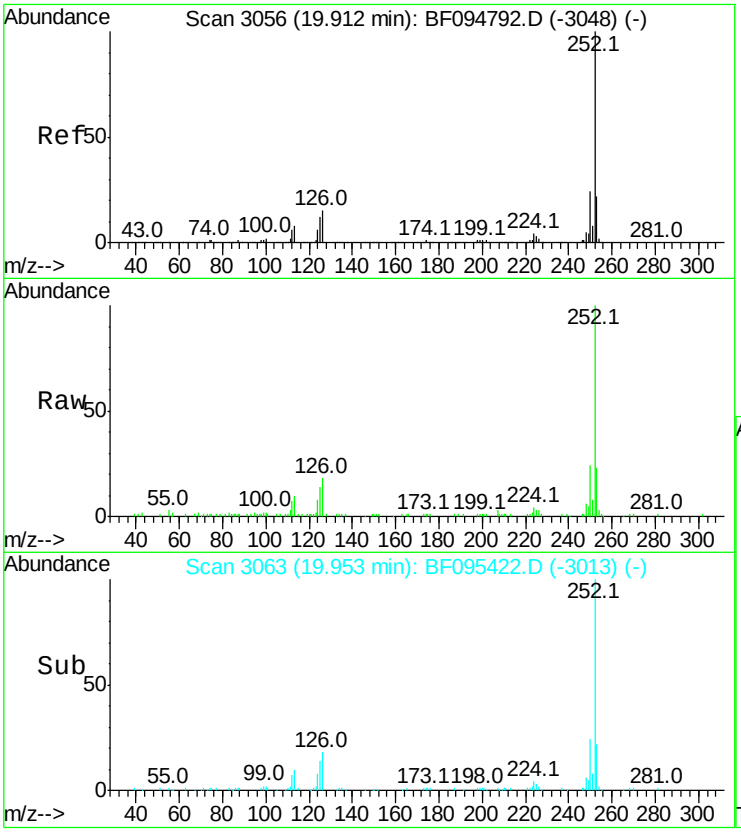


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:264 Resp: 114692

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.7	17.2	25.8



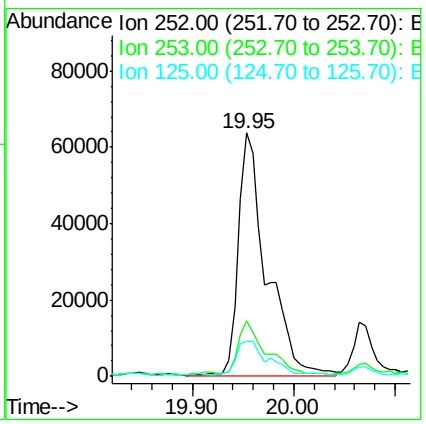


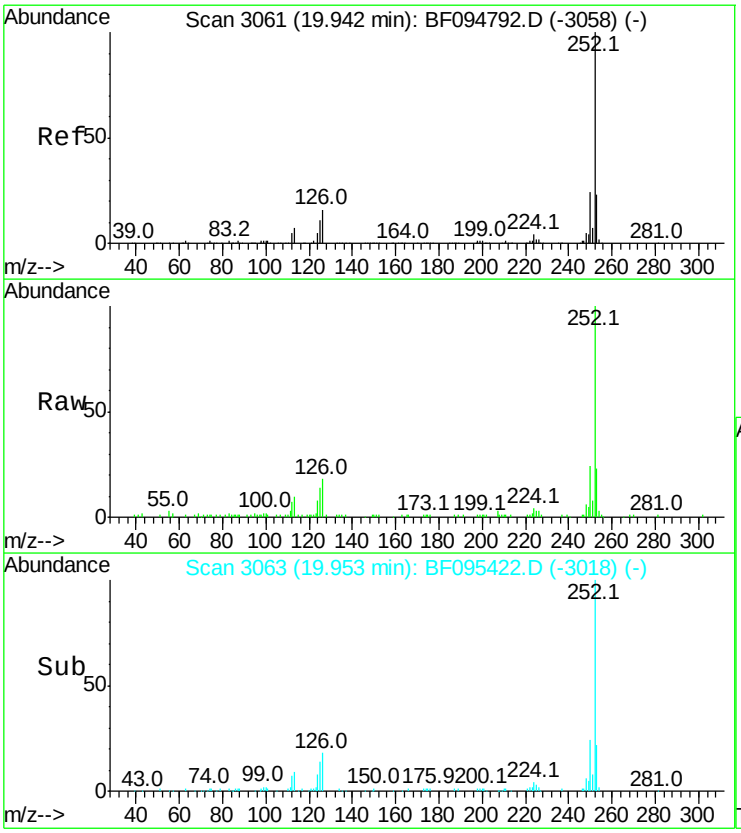
#87
Benzo(b)fluoranthene
Concen: 17.58 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 124586

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.2	9.8	14.8

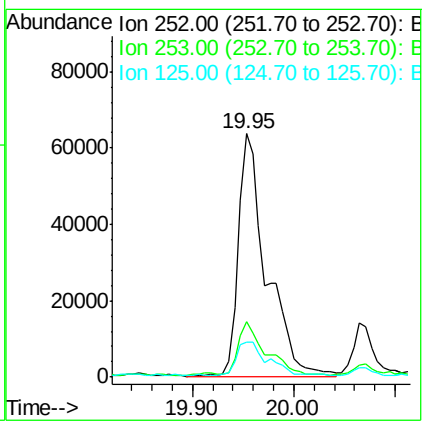


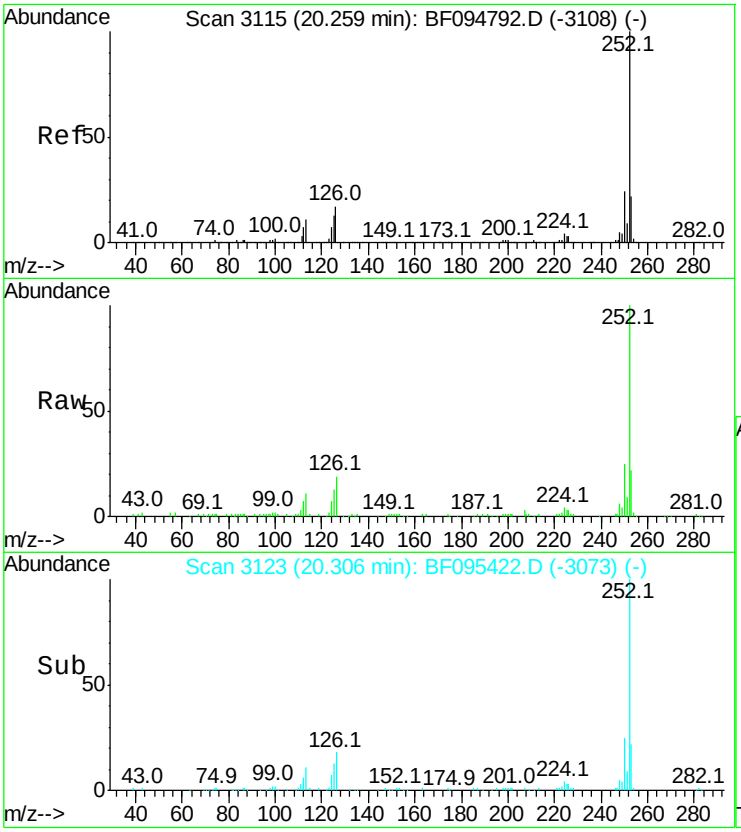


#88
Benzo(k)fluoranthene
Concen: 18.22 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:252 Resp: 124586

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	14.2	13.1	19.7



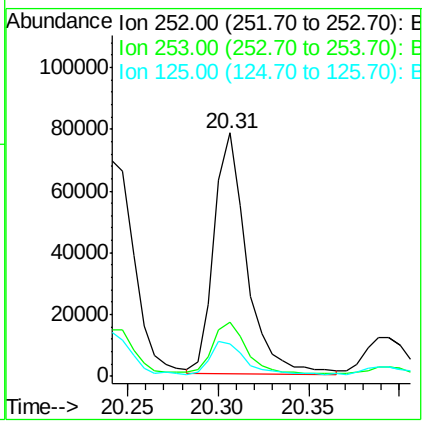


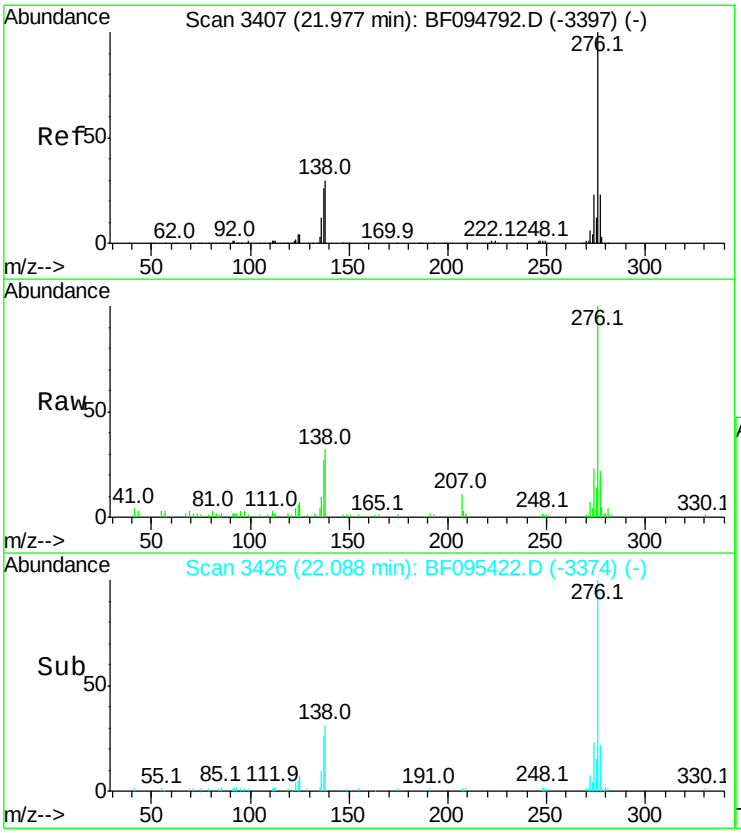
#89
Benzo(a)pyrene
Concen: 15.11 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98802

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 13.48 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BF095422.D
Acq: 25 May 2017 12:33

Tgt Ion:276 Resp: 71421

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	32.1	25.4	38.0