Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095322.D
Acq On : 22 May 2017 19:30
Operator : SJ/MA
Sample : I3235-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 23 01:19:06 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	7.76	152	80325	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	332978	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	149374	20.00	ng		0.00
63) Phenanthrene-d10	15.01	188	214582	20.00	ng		-0.01
75) Chrysene-d12	18.68	240	189926	20.00	ng		-0.01
86) Perylene-d12	20.36	264	157807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	558396	115.90	ng		-0.02
7) Phenol-d6	7.30	99	708520	122.57	ng		-0.02
23) Nitrobenzene-d5	8.66	82	382643	72.46	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	123864	101.25	ng		-0.01
44) 2-Fluorobiphenyl	11.55	172	702167	67.66	ng		-0.01
78) Terphenyl-d14	17.32	244	374439	43.42	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.32	94	13651	2.24	ng	#	36
19) n-Nitroso-di-n-propylamine	8.66	70	46973	12.01	ng	#	79
49) Dimethylphthalate	12.25	163	139075	11.34	ng		99
70) Phenanthrene	15.05	178	45009	3.65	ng	#	94
71) Anthracene	15.05	178	45009	3.57	ng		95
74) Fluoranthene	16.79	202	100371	7.94	ng		99
77) Pyrene	17.10	202	87228	6.14	ng	#	95
80) Benzo(a)anthracene	18.67	228	49959	4.52	ng		97
82) Chrysene	18.72	228	57932	5.42	ng		96
85) Indeno(1,2,3-cd)pyrene	21.71	276	22260	2.56	ng		95
87) Benzo(b)fluoranthene	19.96	252	98939	10.15	ng	#	96
88) Benzo(k)fluoranthene	19.96	252	98939	10.52	ng		97
89) Benzo(a)pyrene	20.31	252	43560	4.84	ng		95
91) Benzo(g,h,i)perylene	22.09	276	26781	3.67	ng		96

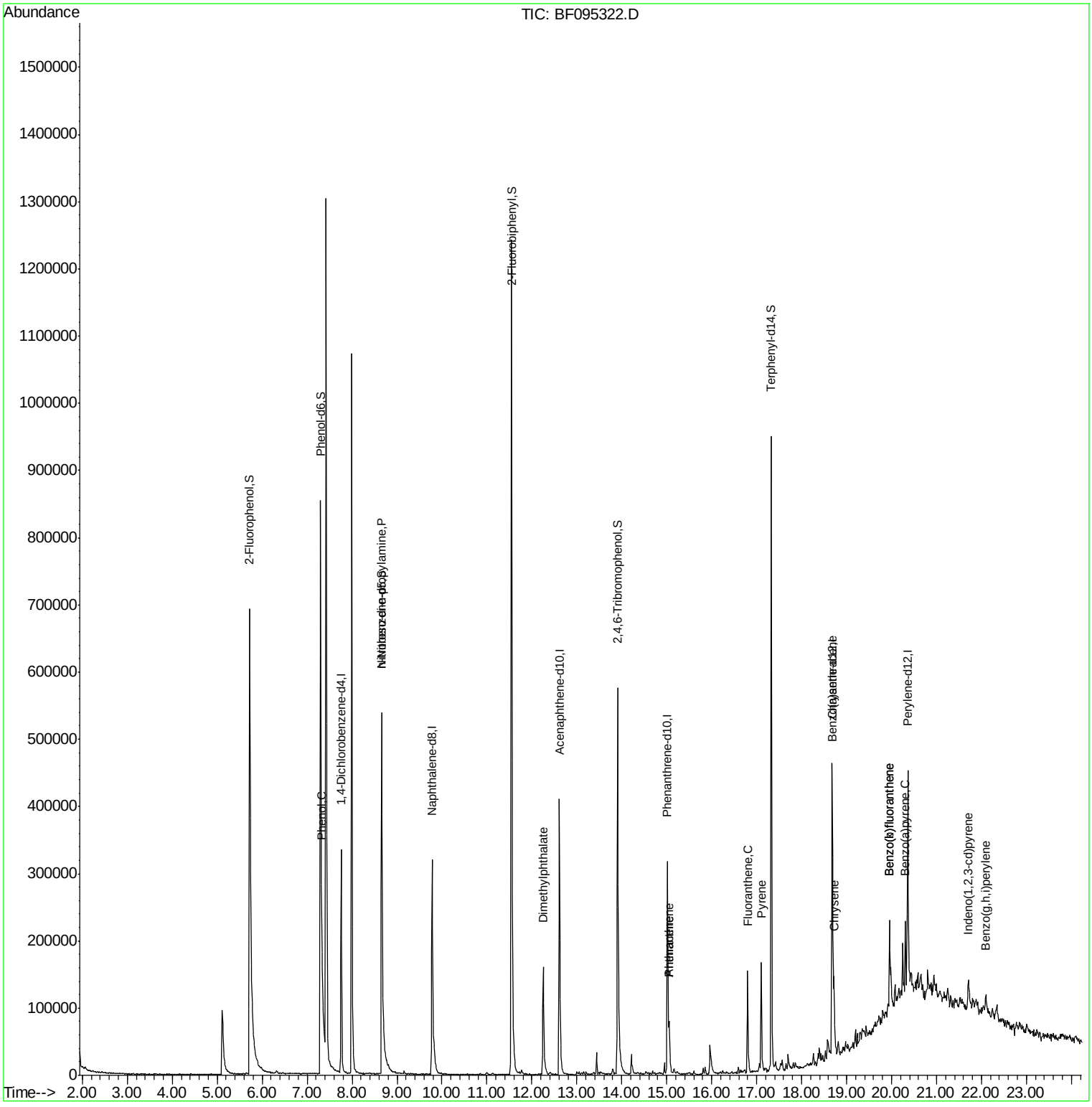
(#) = qualifier out of range (m) = manual integration (+) = signals summed

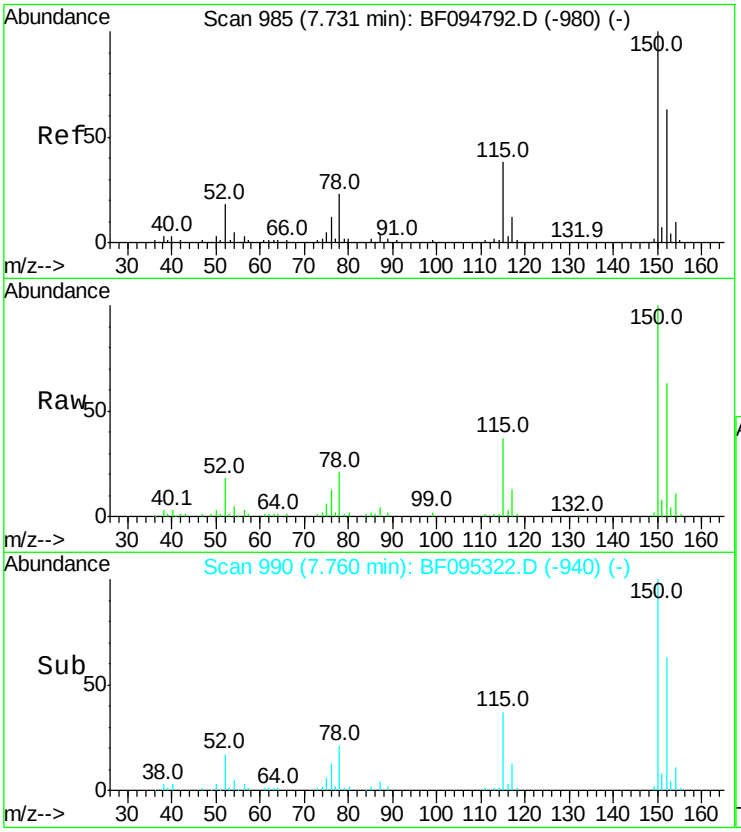
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095322.D
Acq On : 22 May 2017 19:30
Operator : SJ/MA
Sample : I3235-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 23 01:19:06 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



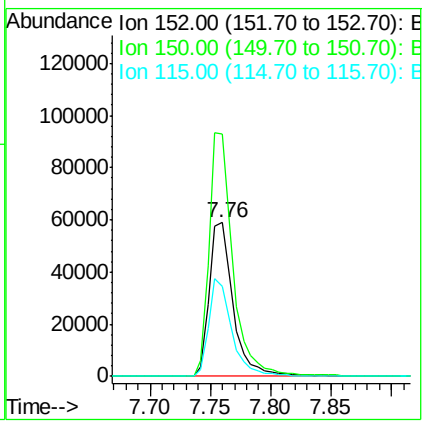


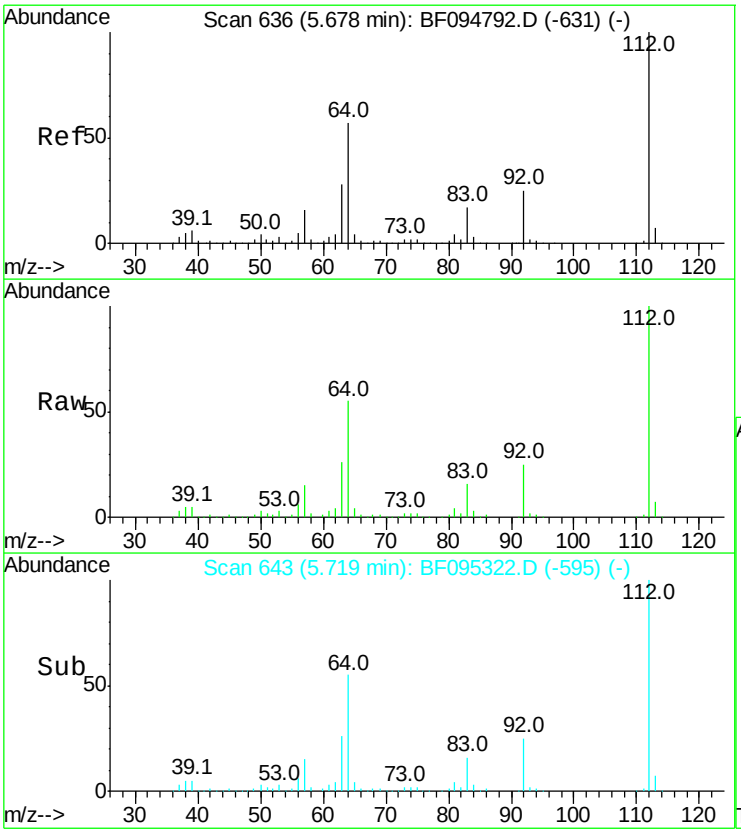
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80325

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	58.3	52.2	78.2

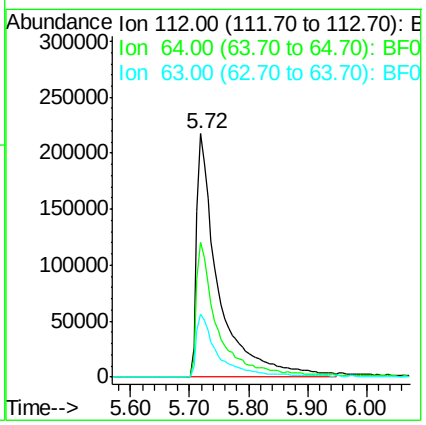


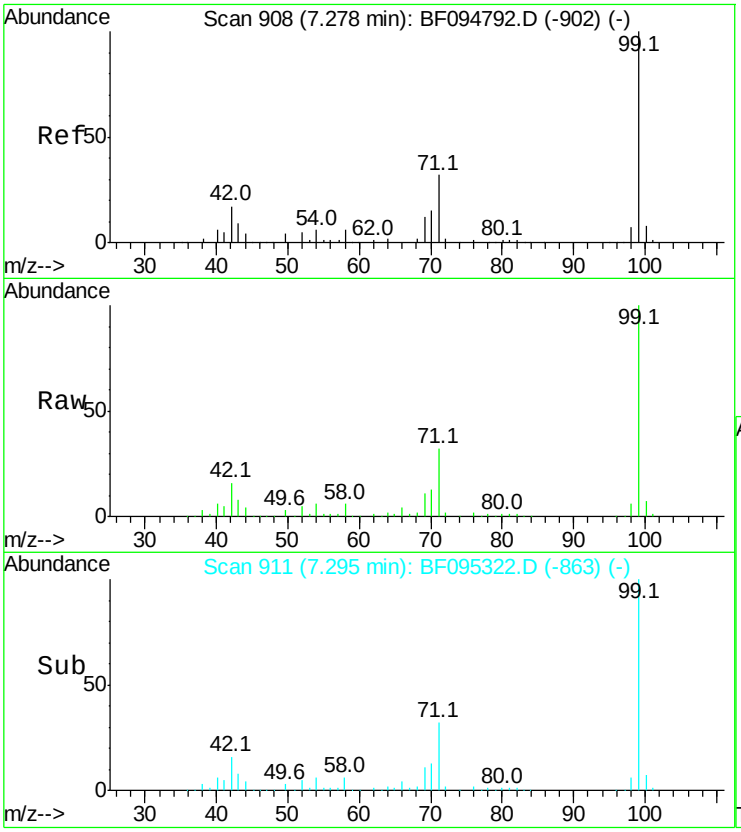


#5
2-Fluorophenol
Concen: 115.90 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:112 Resp: 558396

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	25.7	23.4	35.0



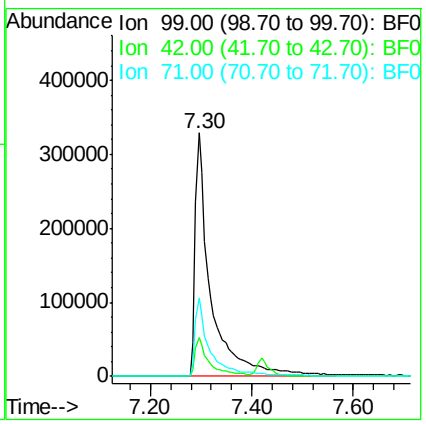


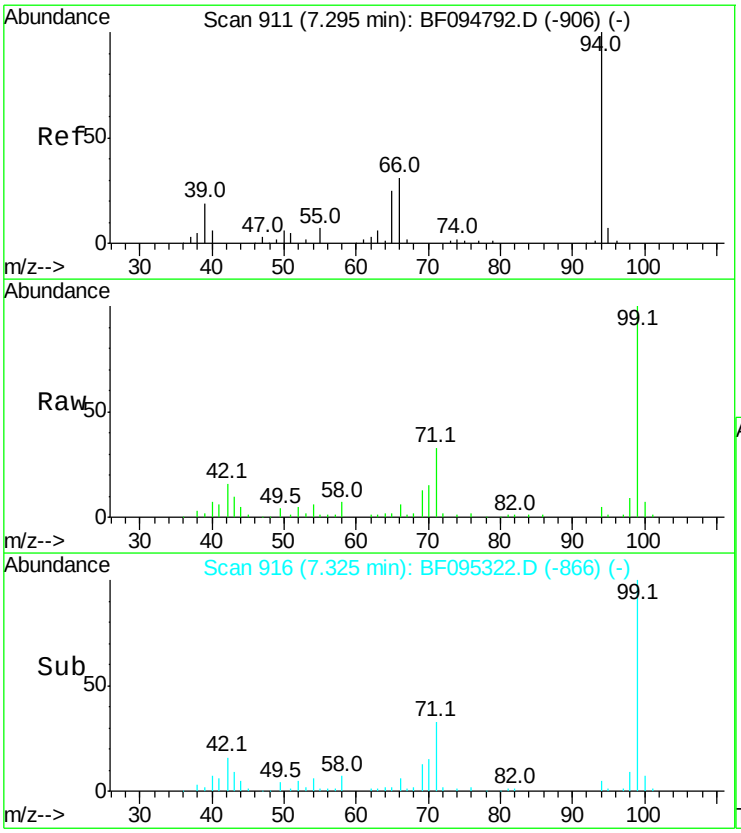
#7
Phenol-d6
Concen: 122.57 ng
RT: 7.30 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 708520

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.1	24.5	36.7

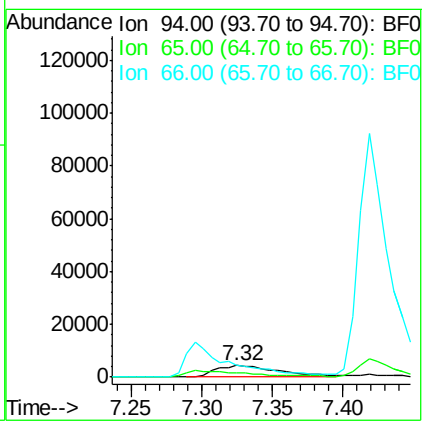


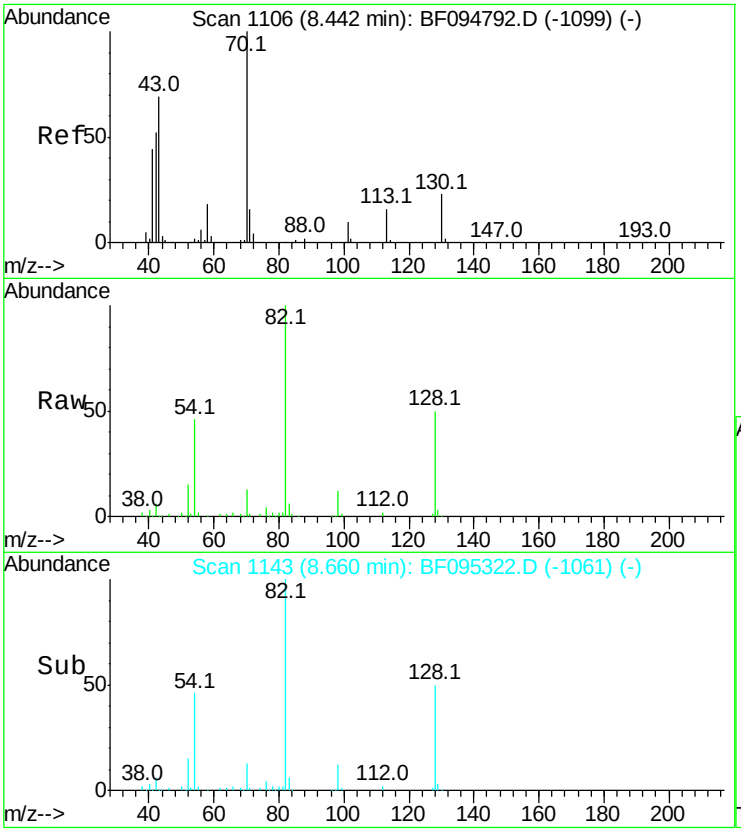


#10
Phenol
Concen: 2.24 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion: 94 Resp: 13651

Ion	Ratio	Lower	Upper
94	100		
65	38.0	9.9	49.9
66	105.5	23.1	63.1#



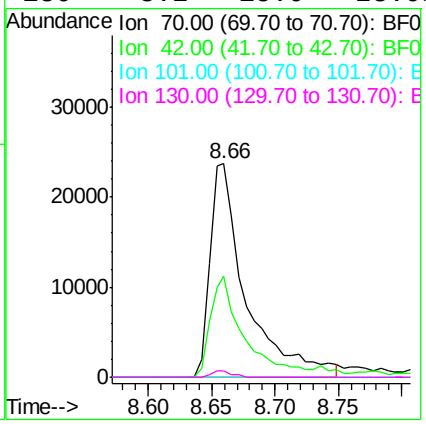


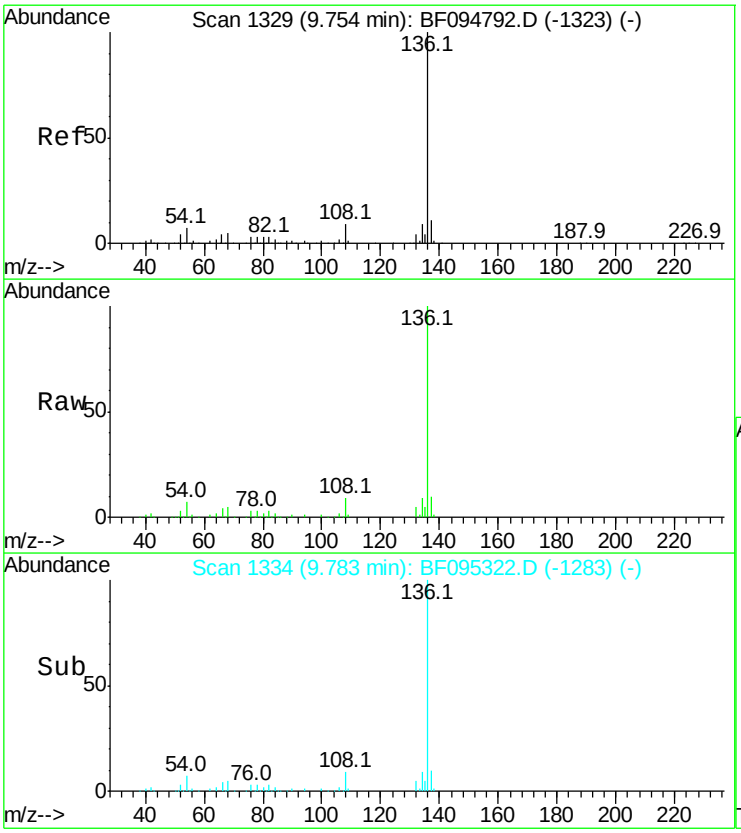
#19
n-Nitroso-di-n-propylamine
Concen: 12.01 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46973

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.2	70.8
101	0.0	7.2	10.8#
130	3.2	15.9	23.9#

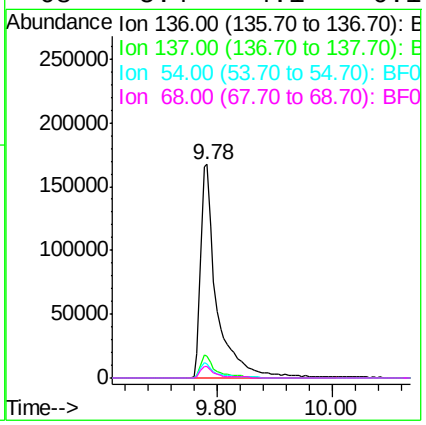


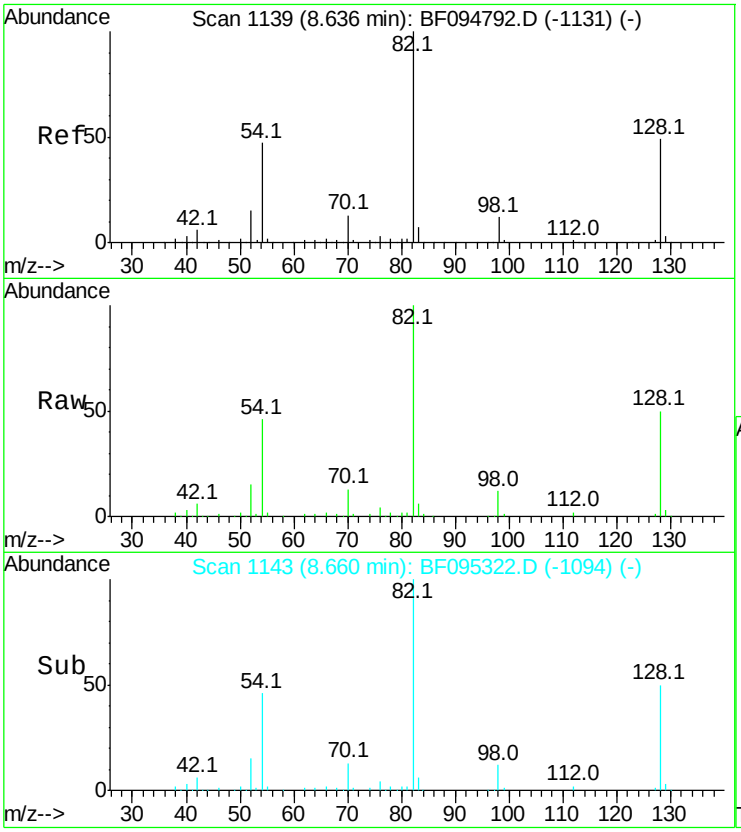


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:136 Resp: 332978

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.7	4.9	7.3
68	5.4	4.1	6.1



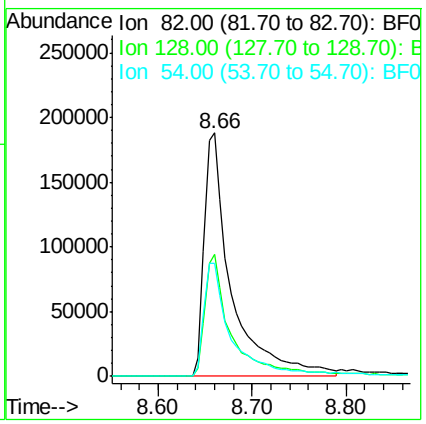


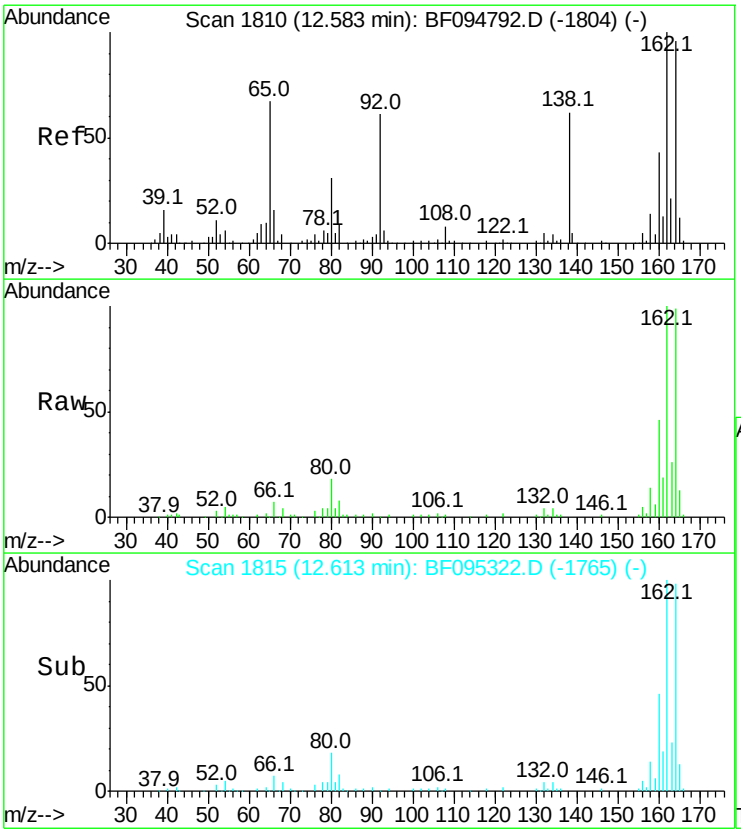
#23
Nitrobenzene-d5
Concen: 72.46 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 382643

Ion	Ratio	Lower	Upper
82	100		
128	50.0	34.0	51.0
54	46.4	42.2	63.2

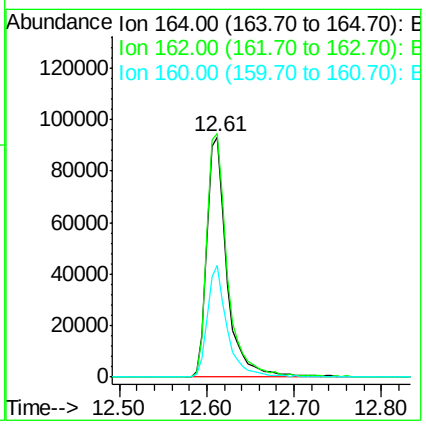


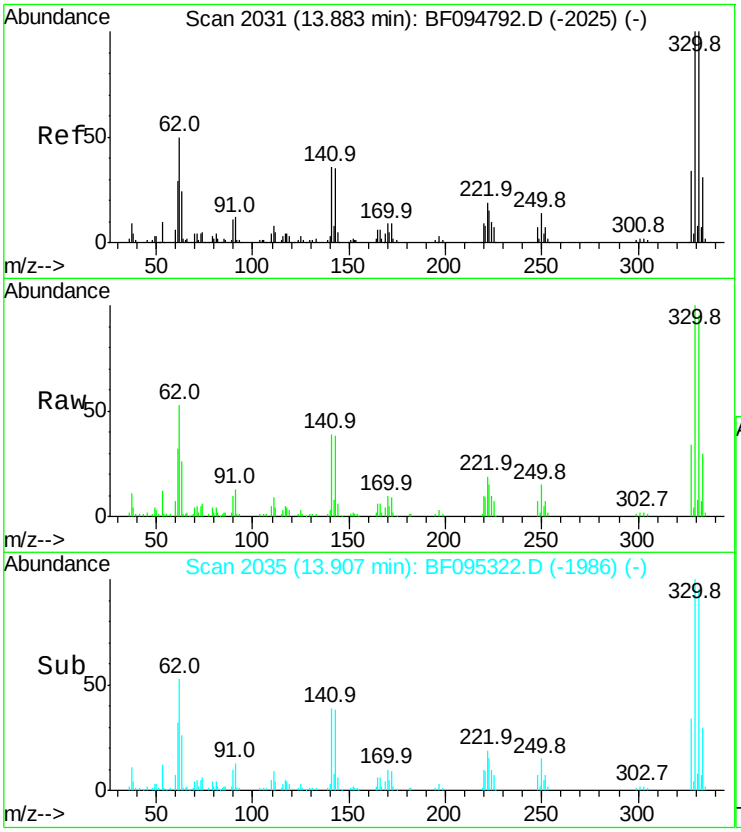


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:164 Resp: 149374

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	46.5	36.2	54.2



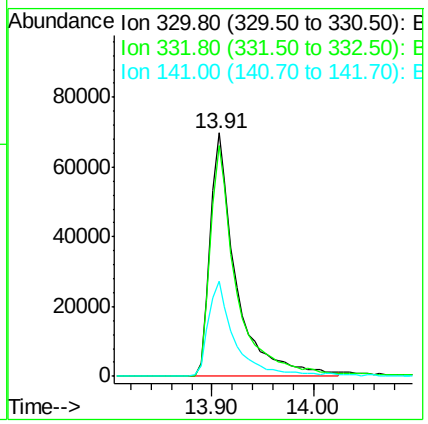


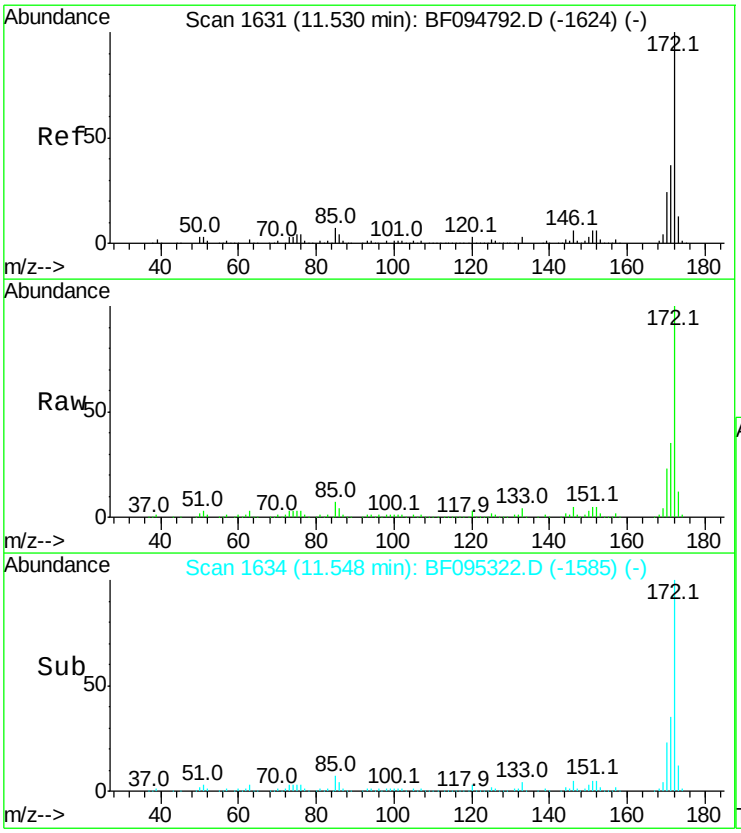
#41
2,4,6-Tribromophenol
Concen: 101.25 ng
RT: 13.91 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 123864

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	40.0	31.4	47.2

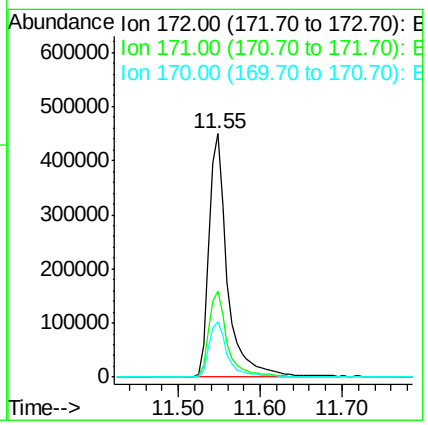


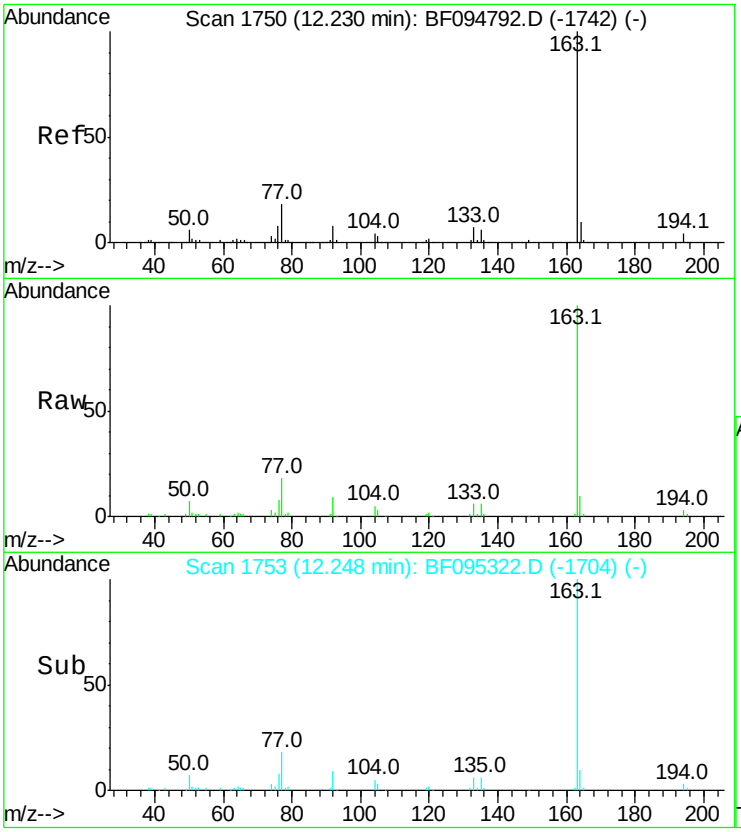


#44
2-Fluorobiphenyl
Concen: 67.66 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:172 Resp: 702167

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.0	19.8	29.8



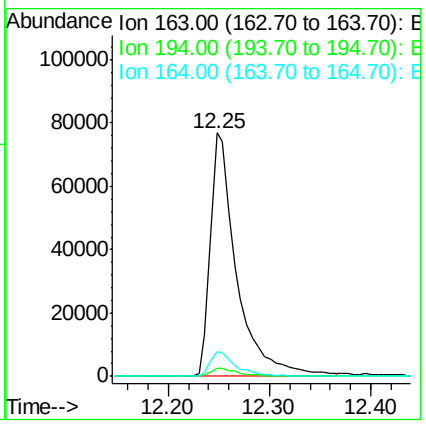


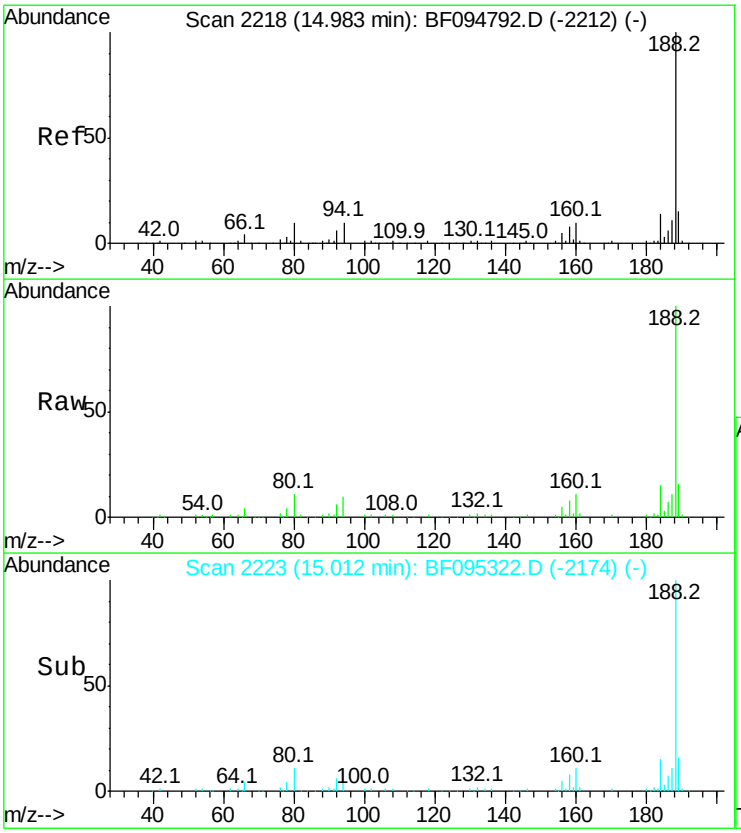
#49
Dimethylphthalate
Concen: 11.34 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 139075

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6

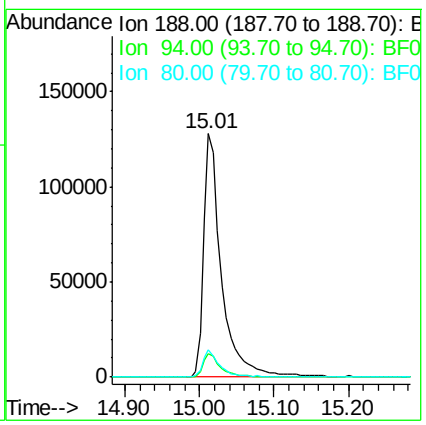


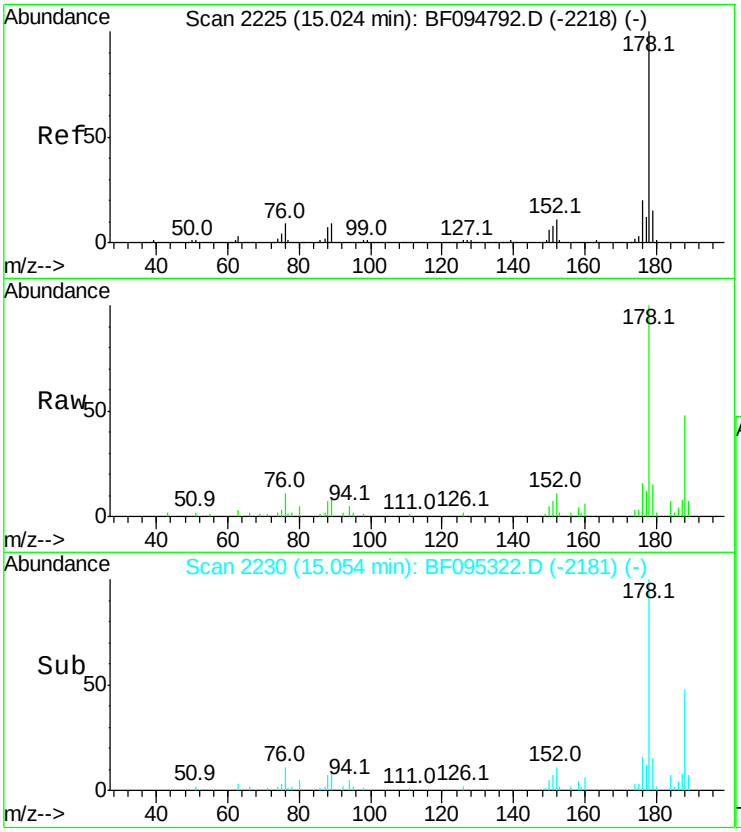


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:188 Resp: 214582

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	11.3	10.2	15.2



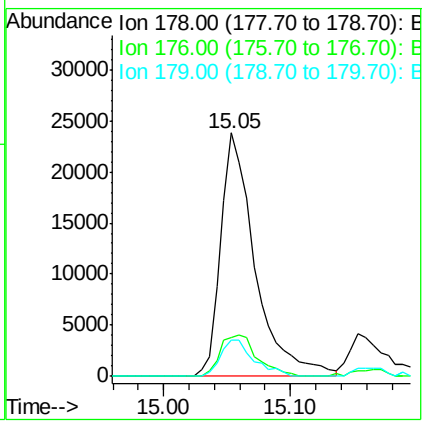


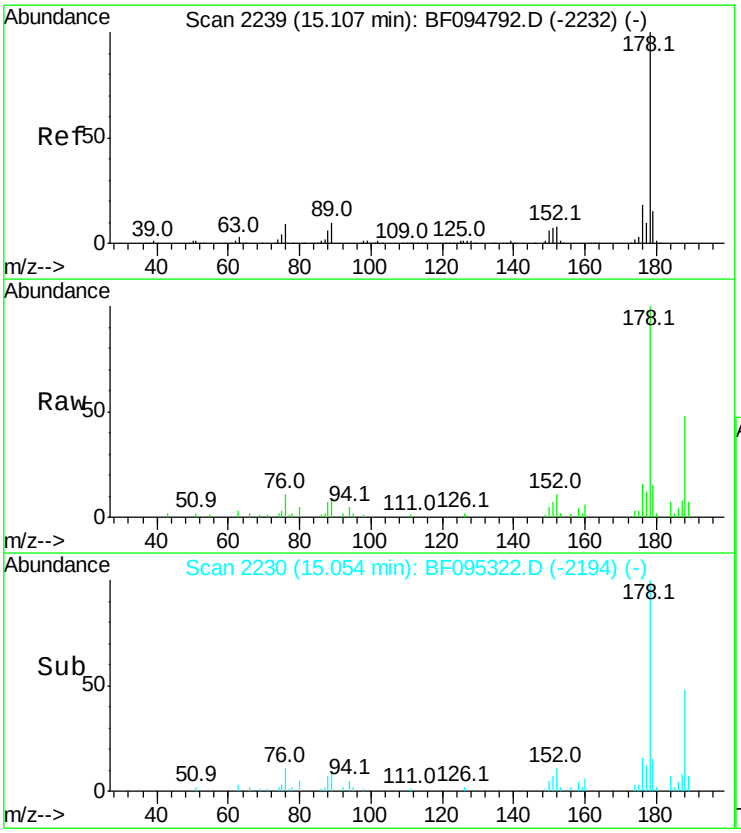
#70
Phenanthrene
Concen: 3.65 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 45009

Ion	Ratio	Lower	Upper
178	100		
176	16.1	16.2	24.4#
179	15.1	12.6	19.0

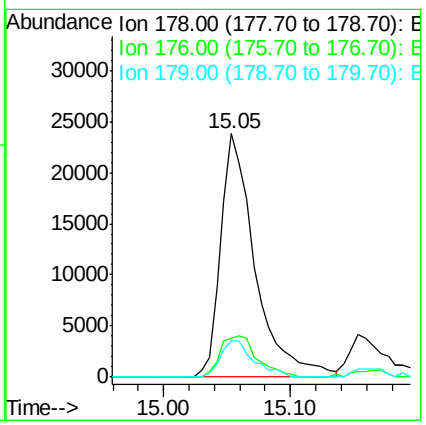


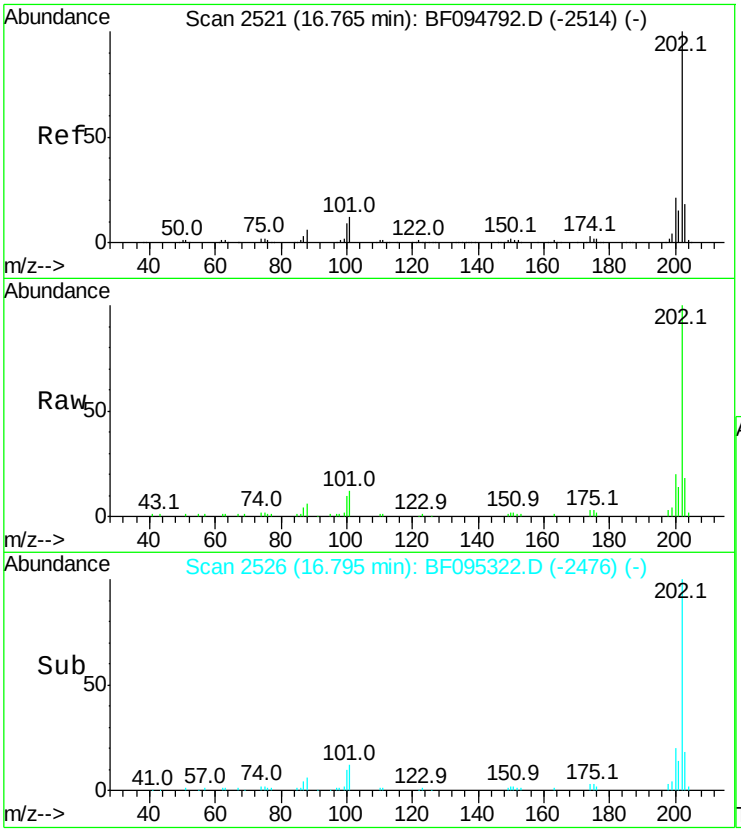


#71
Anthracene
Concen: 3.57 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.09 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:178 Resp: 45009

Ion	Ratio	Lower	Upper
178	100		
176	16.1	15.8	23.8
179	15.1	12.7	19.1



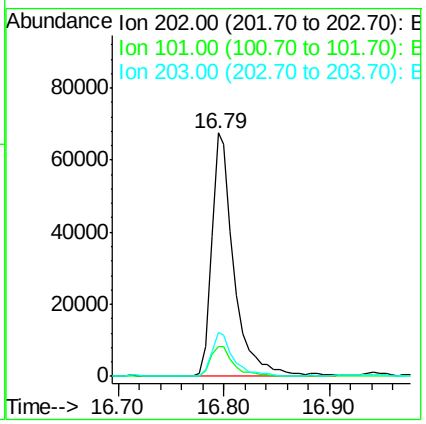


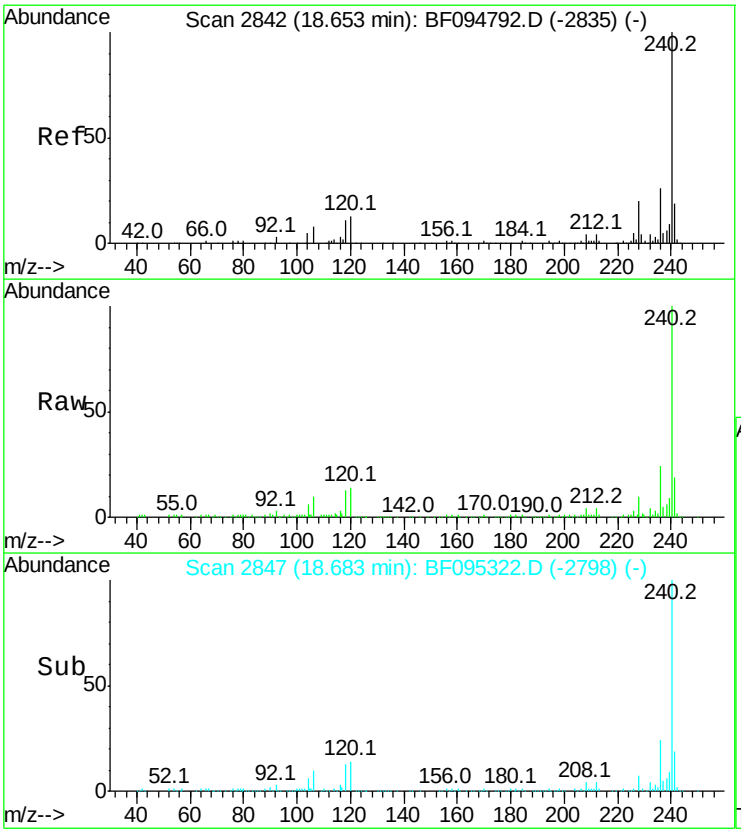
#74
Fluoranthene
Concen: 7.94 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 100371

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	18.2	0.0	38.1

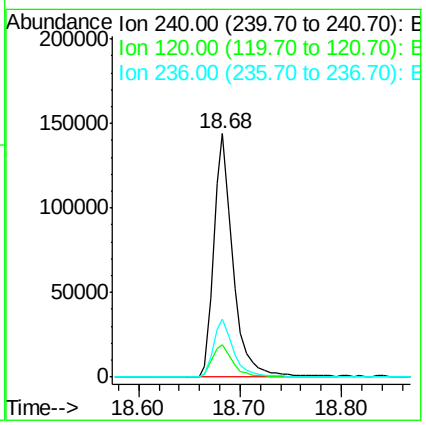


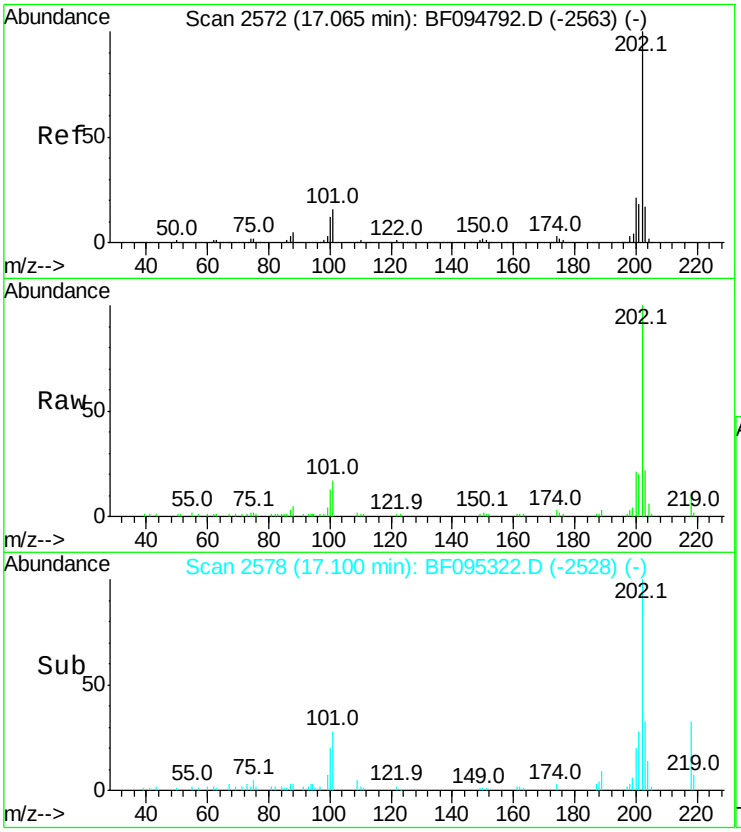


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:240 Resp: 189926

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	24.0	20.5	30.7



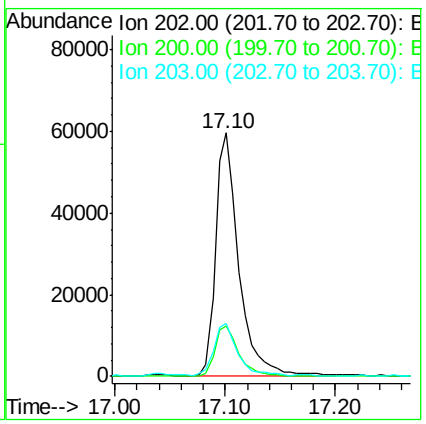


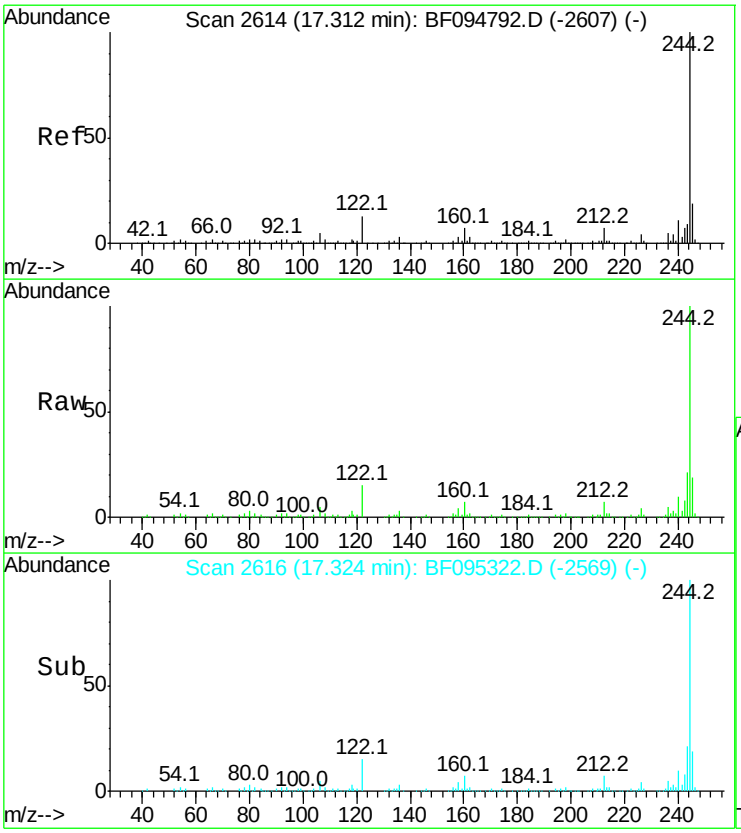
#77
Pyrene
Concen: 6.14 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 87228

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	21.6	14.4	21.6#

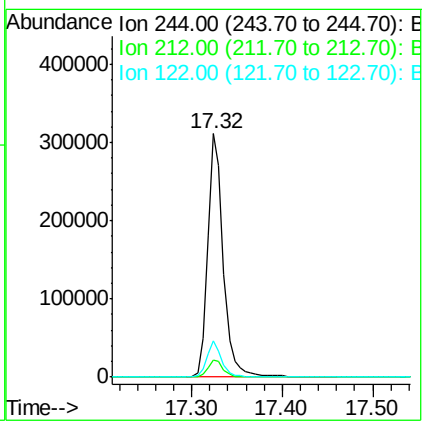


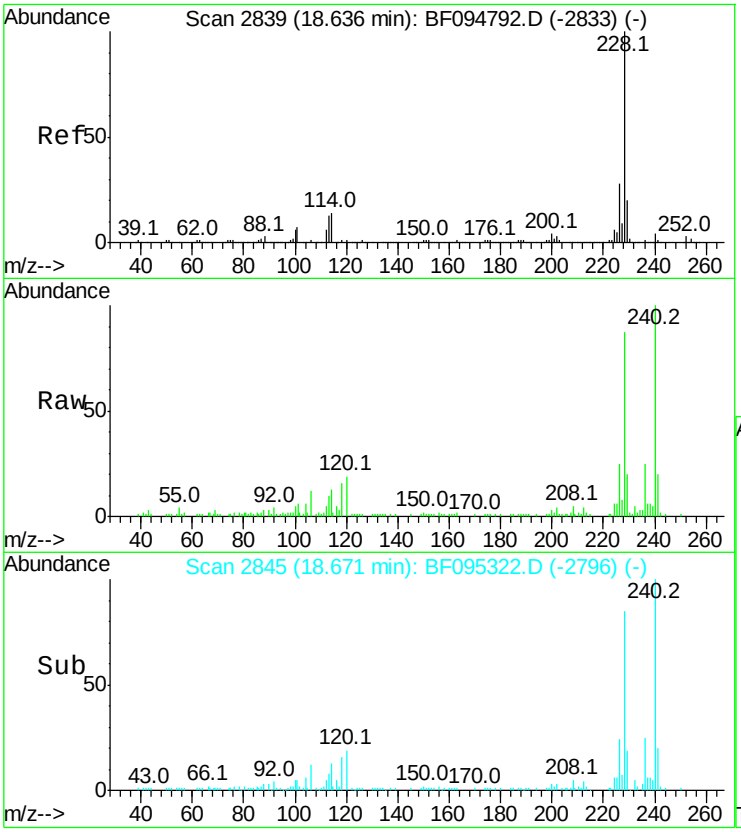


#78
Terphenyl-d14
Concen: 43.42 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:244 Resp: 374439

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.8	10.3	15.5



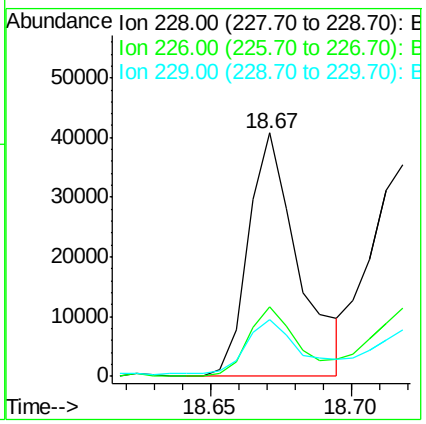


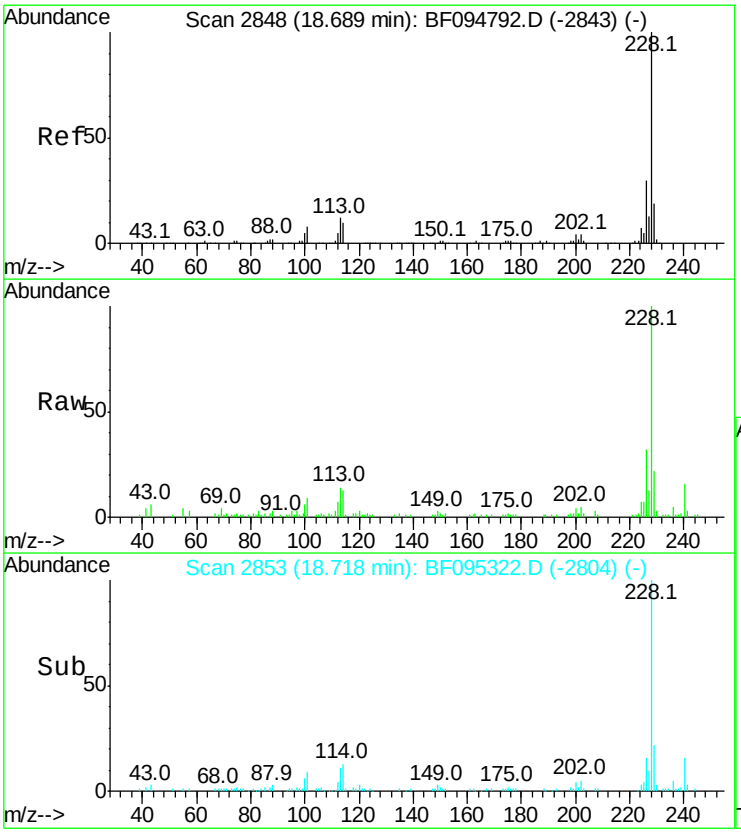
#80
Benzo(a)anthracene
Concen: 4.52 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 49959

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	23.3	16.3	24.5

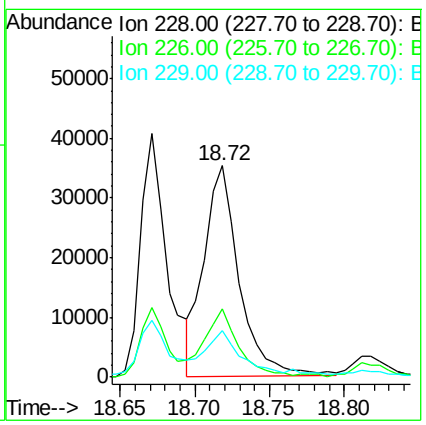


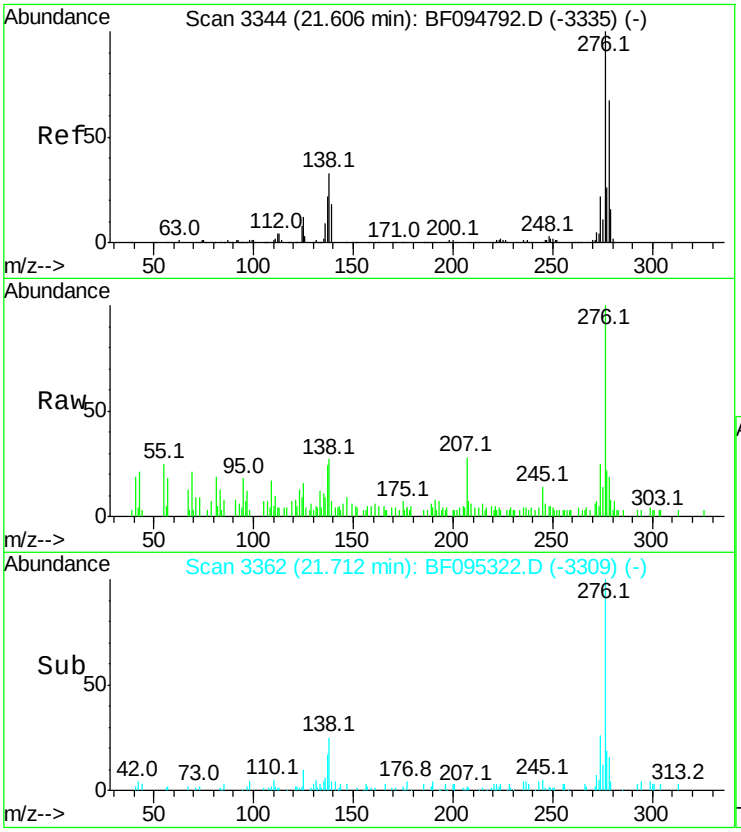


#82
Chrysene
Concen: 5.42 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:228 Resp: 57932

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	22.2	15.8	23.6



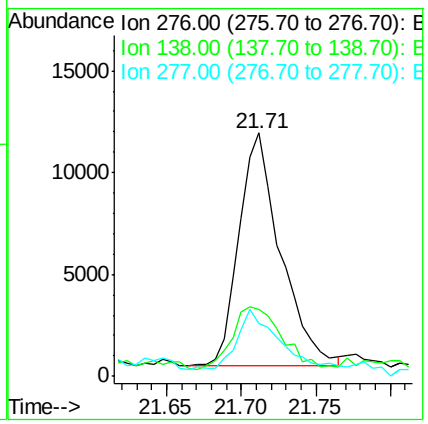


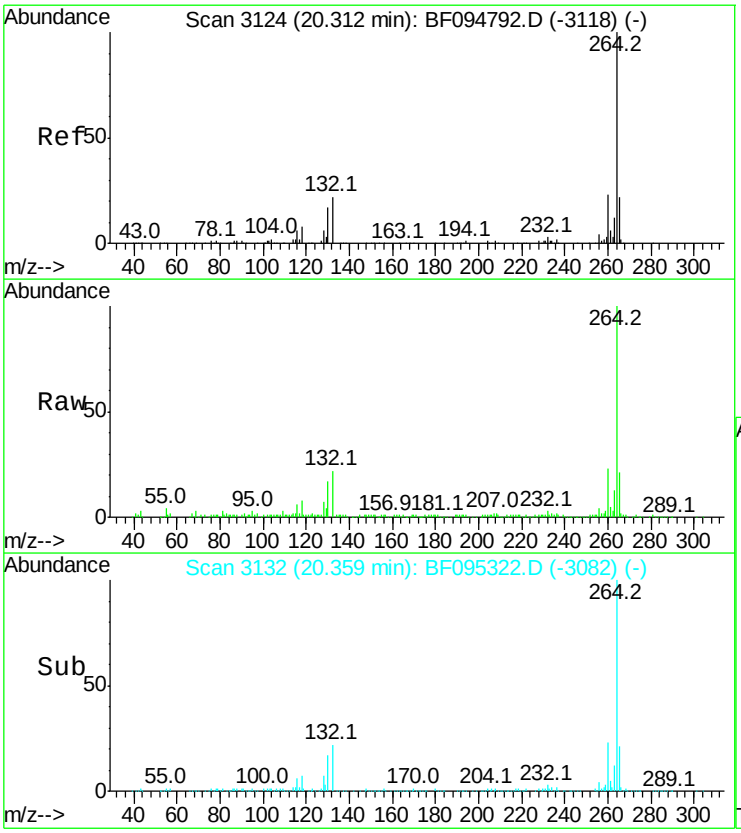
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22260

Ion	Ratio	Lower	Upper
276	100		
138	32.5	27.8	41.6
277	28.8	20.2	30.4

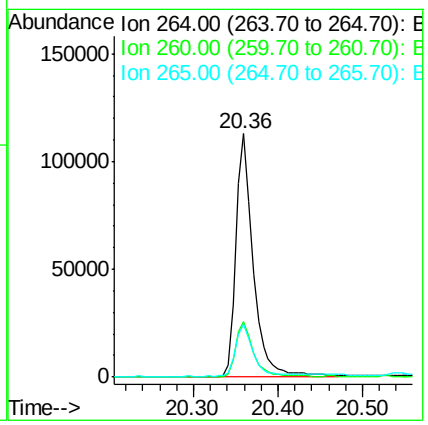


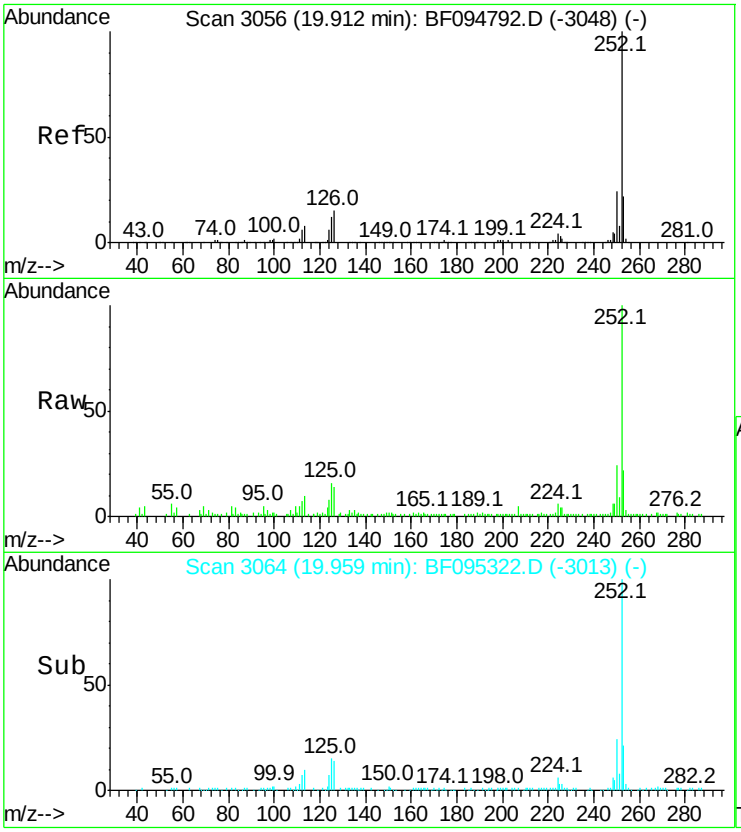


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:264 Resp: 157807

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	17.2	25.8



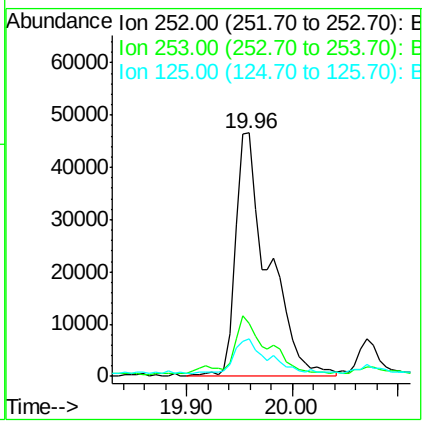


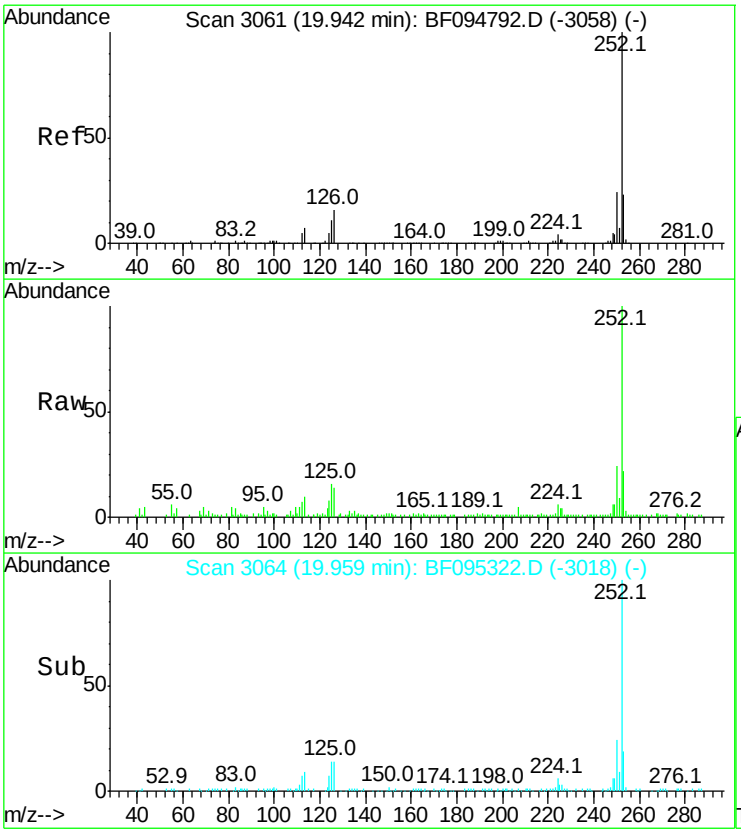
#87
Benzo(b)fluoranthene
Concen: 10.15 ng
RT: 19.96 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98939

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	15.6	9.8	14.8#

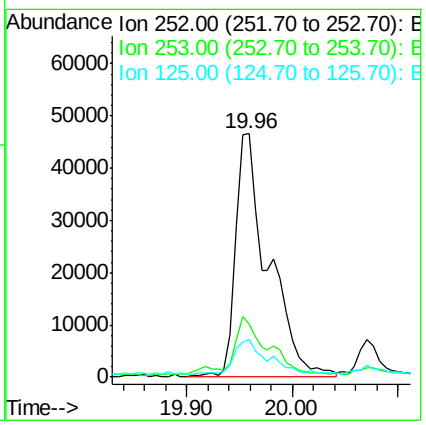


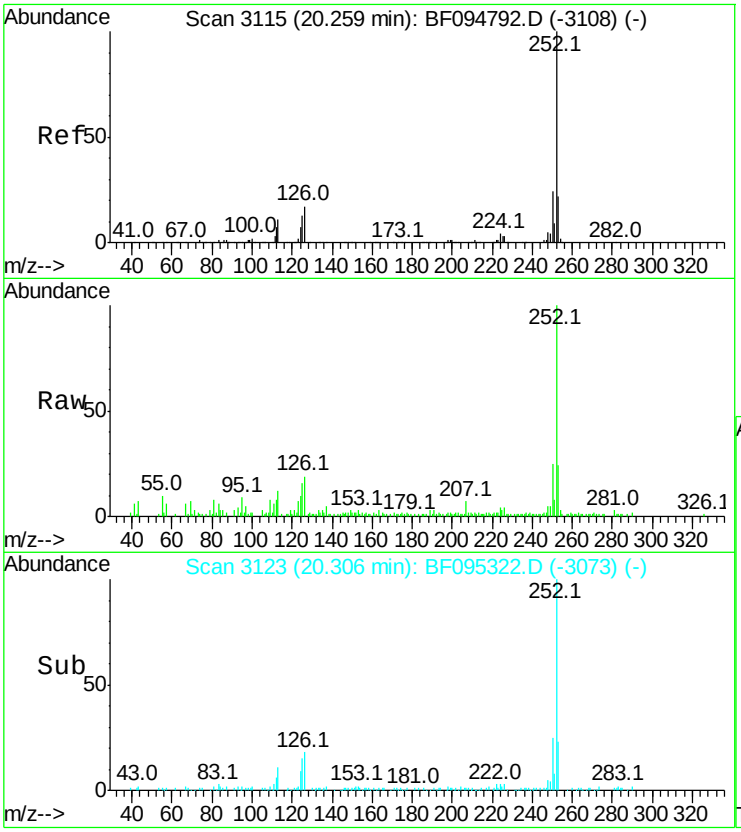


#88
Benzo(k)fluoranthene
Concen: 10.52 ng
RT: 19.96 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:252 Resp: 98939

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	15.6	13.1	19.7



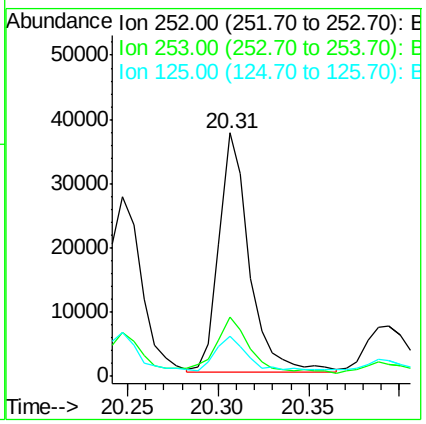


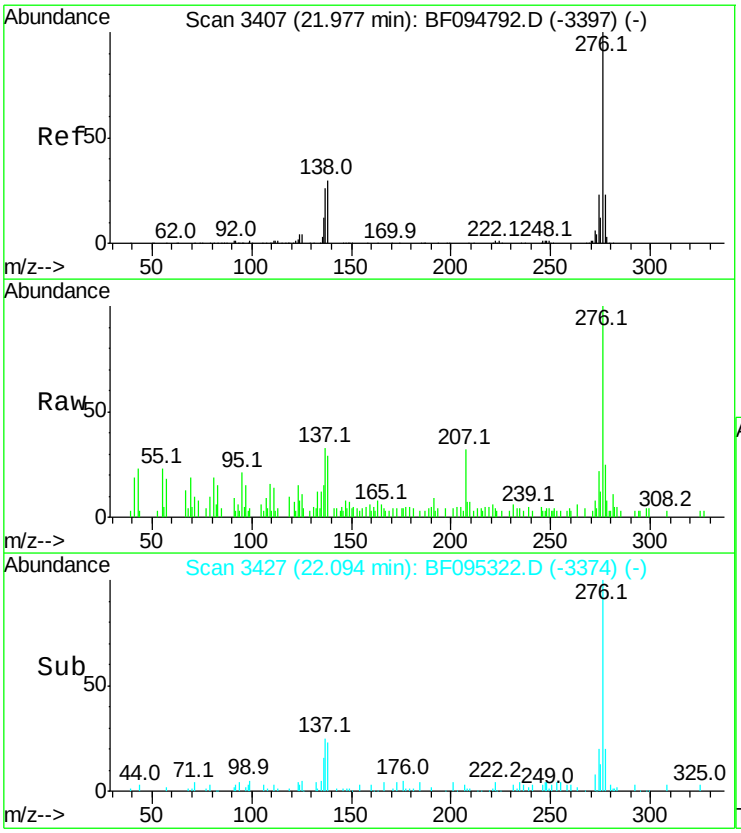
#89
Benzo(a)pyrene
Concen: 4.84 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43560

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	16.2	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.67 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.01 min
Lab File: BF095322.D
Acq: 22 May 2017 19:30

Tgt Ion:276 Resp: 26781

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	28.8	25.4	38.0