Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095326.D
Acq On : 22 May 2017 21:38
Operator : SJ/MA
Sample : I3278-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 23 01:21:59 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	83994	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	353150	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	143191	20.00	ng		-0.01
63) Phenanthrene-d10	15.01	188	222427	20.00	ng		-0.01
75) Chrysene-d12	18.68	240	190499	20.00	ng		-0.01
86) Perylene-d12	20.36	264	158604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	492075	97.67	ng		0.00
7) Phenol-d6	7.30	99	593334	98.16	ng		-0.01
23) Nitrobenzene-d5	8.66	82	341071	60.90	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	101169	86.27	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	656190	65.96	ng		-0.01
78) Terphenyl-d14	17.32	244	335128	38.75	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.66	70	39131	9.57	ng	#	78
49) Dimethylphthalate	12.25	163	77244	6.57	ng		100
70) Phenanthrene	15.05	178	60551	4.74	ng		96
74) Fluoranthene	16.79	202	137220	10.47	ng		96
77) Pyrene	17.09	202	120348	8.45	ng	#	94
80) Benzo(a)anthracene	18.67	228	49488	4.46	ng		99
82) Chrysene	18.72	228	63188	5.89	ng		97
85) Indeno(1,2,3-cd)pyrene	21.71	276	21380	2.46	ng		96
87) Benzo(b)fluoranthene	19.95	252	91868	9.37	ng		98
88) Benzo(k)fluoranthene	19.95	252	91868	9.72	ng		97
89) Benzo(a)pyrene	20.31	252	41586	4.60	ng		97
91) Benzo(g,h,i)perylene	22.11	276	20917	2.85	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095326.D
Acq On : 22 May 2017 21:38
Operator : SJ/MA
Sample : I3278-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 23 01:21:59 2017
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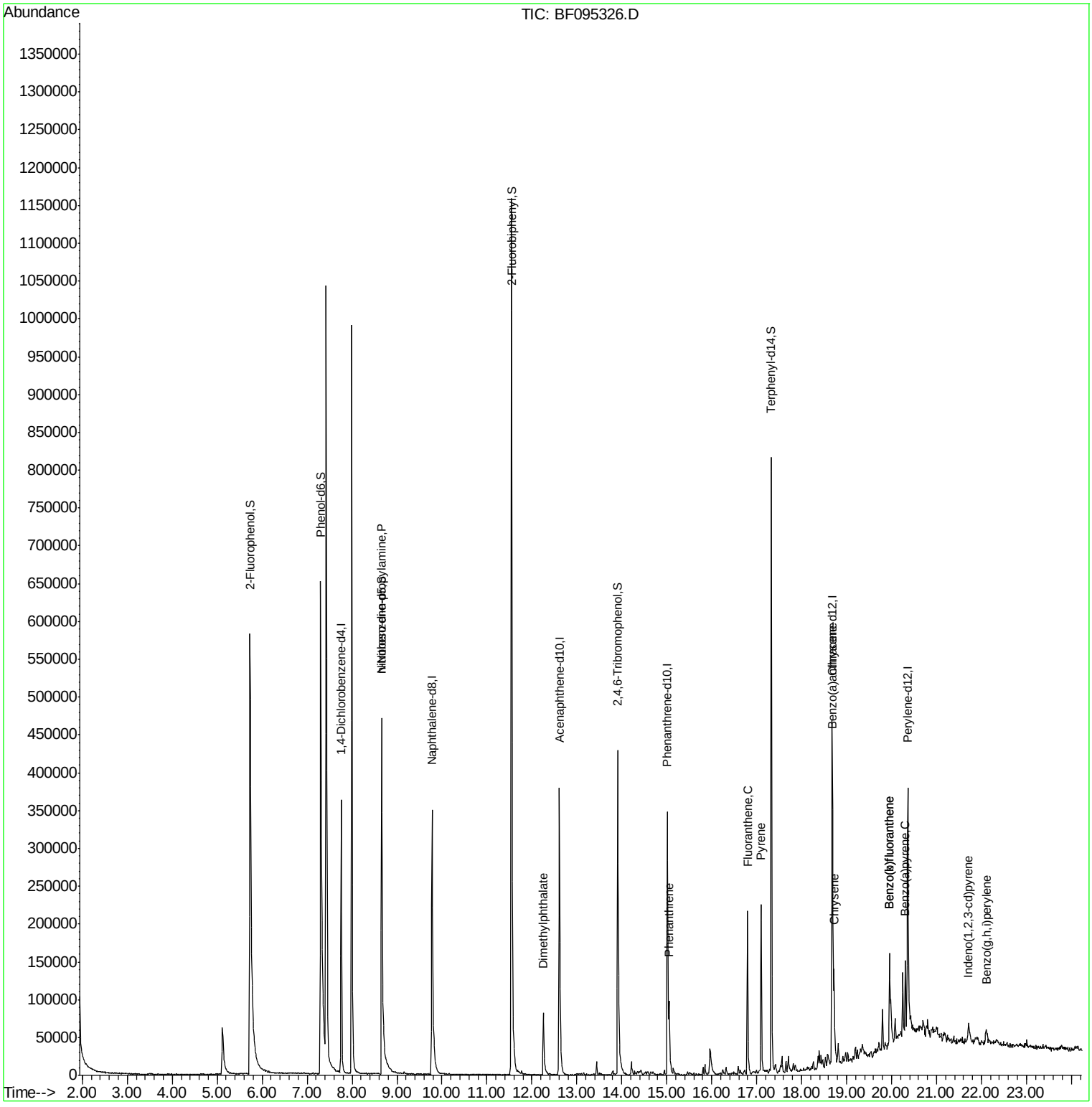
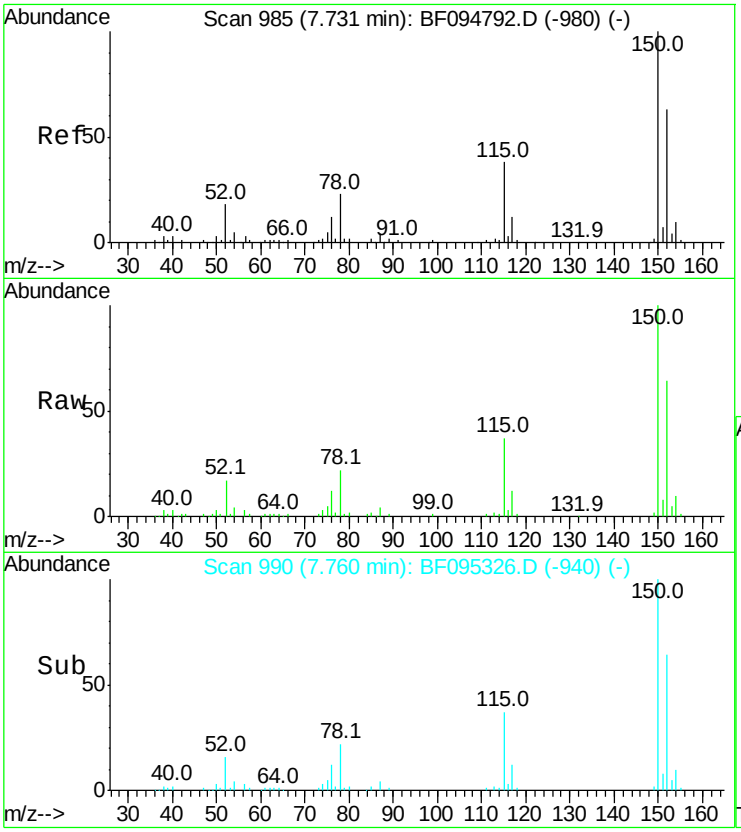


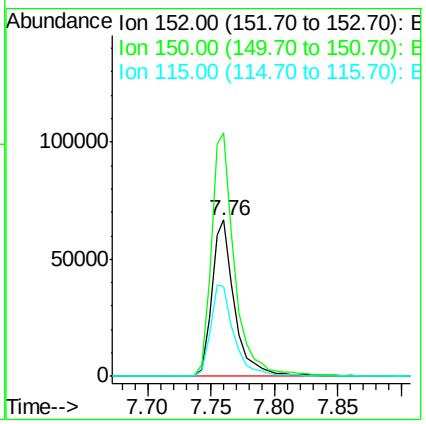


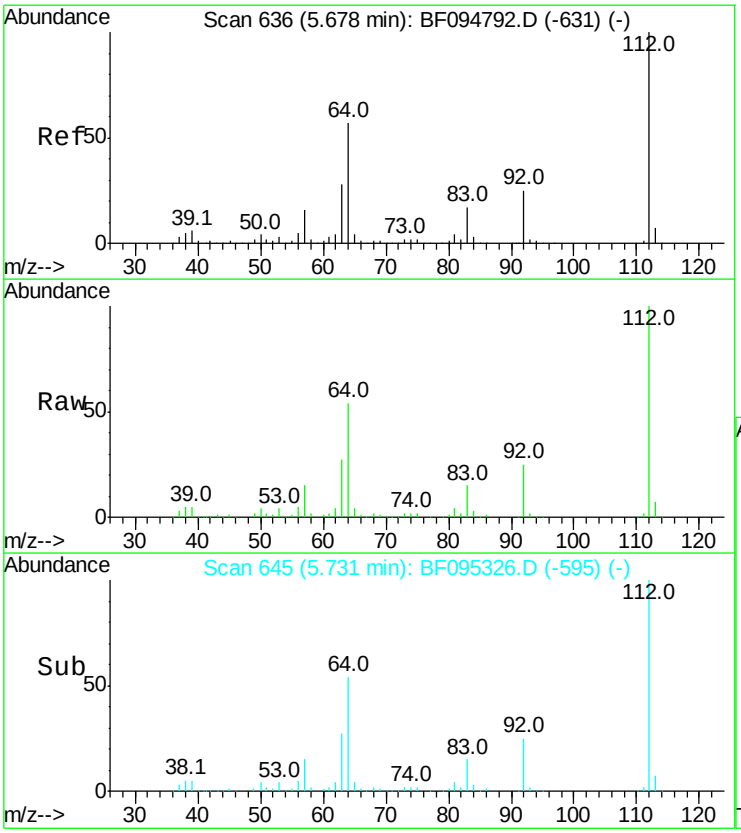
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83994

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	57.4	52.2	78.2

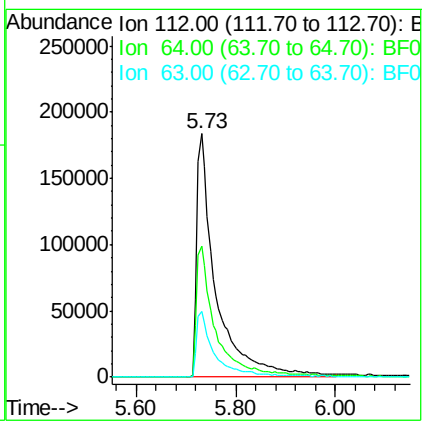


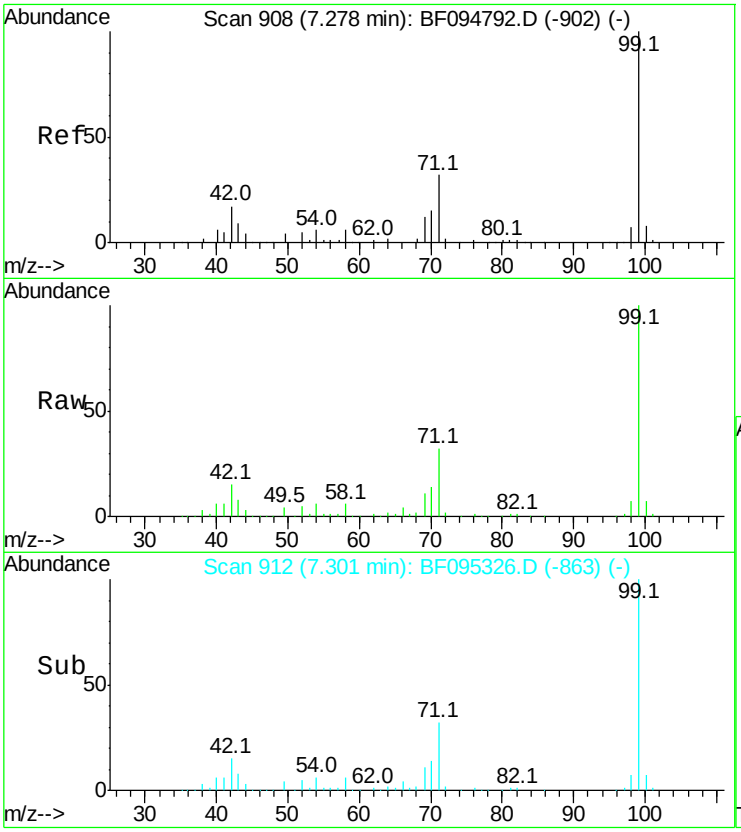


#5
2-Fluorophenol
Concen: 97.67 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:112 Resp: 492075

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	27.1	23.4	35.0



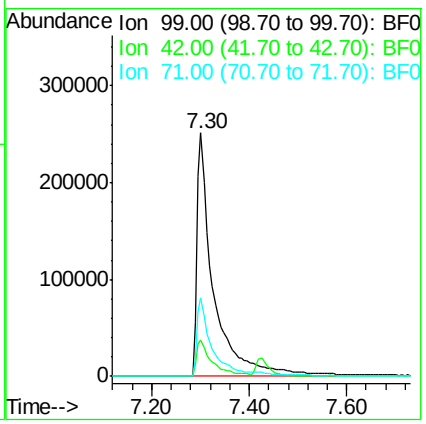


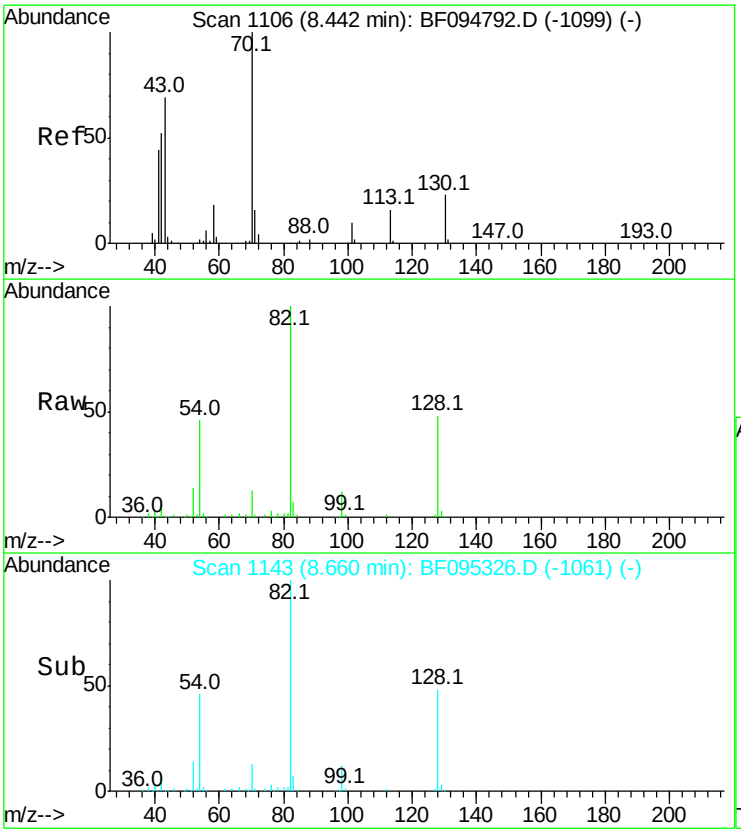
#7
Phenol-d6
Concen: 98.16 ng
RT: 7.30 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 593334

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	32.0	24.5	36.7

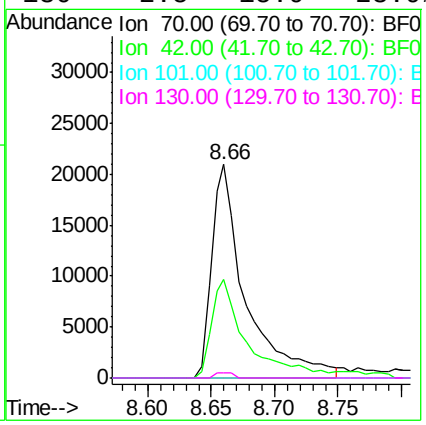


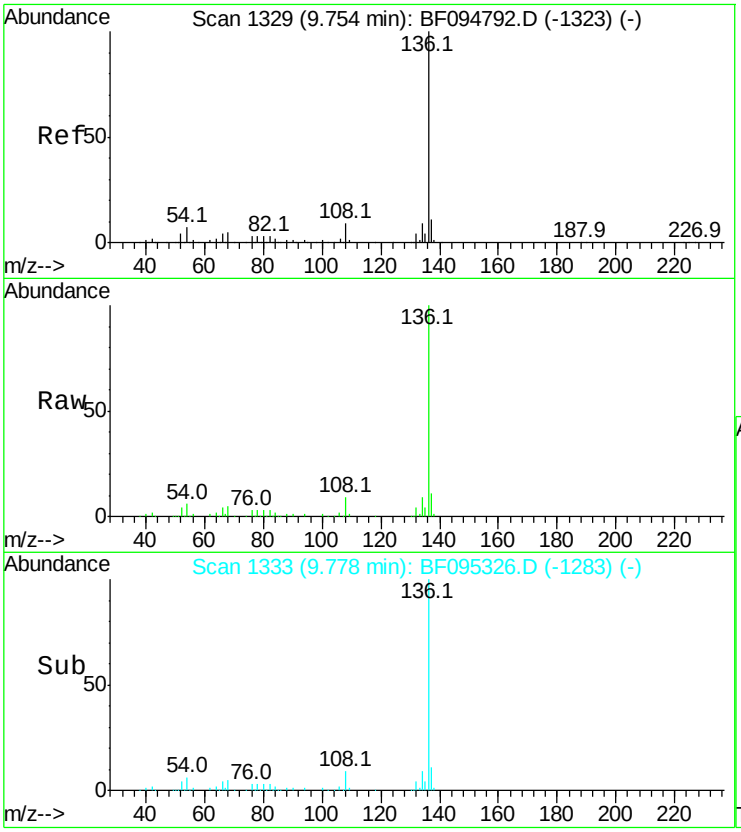


#19
n-Nitroso-di-n-propylamine
Concen: 9.57 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion: 70 Resp: 39131

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



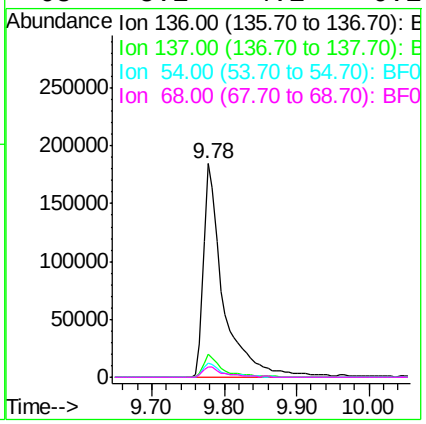


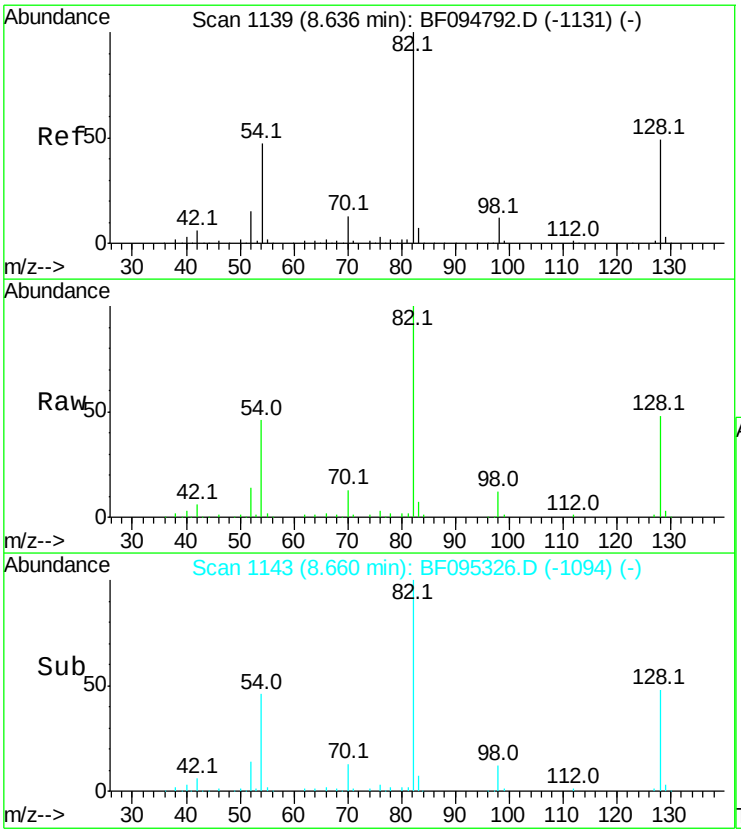
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 353150

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.4	4.9	7.3
68	5.1	4.1	6.1

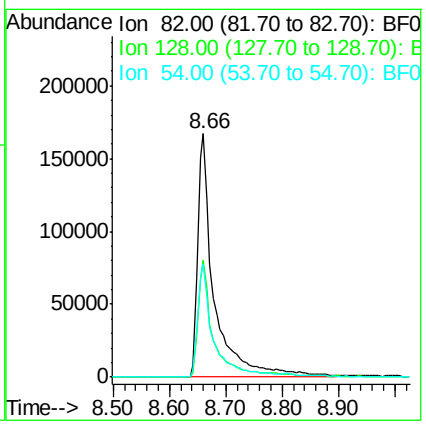


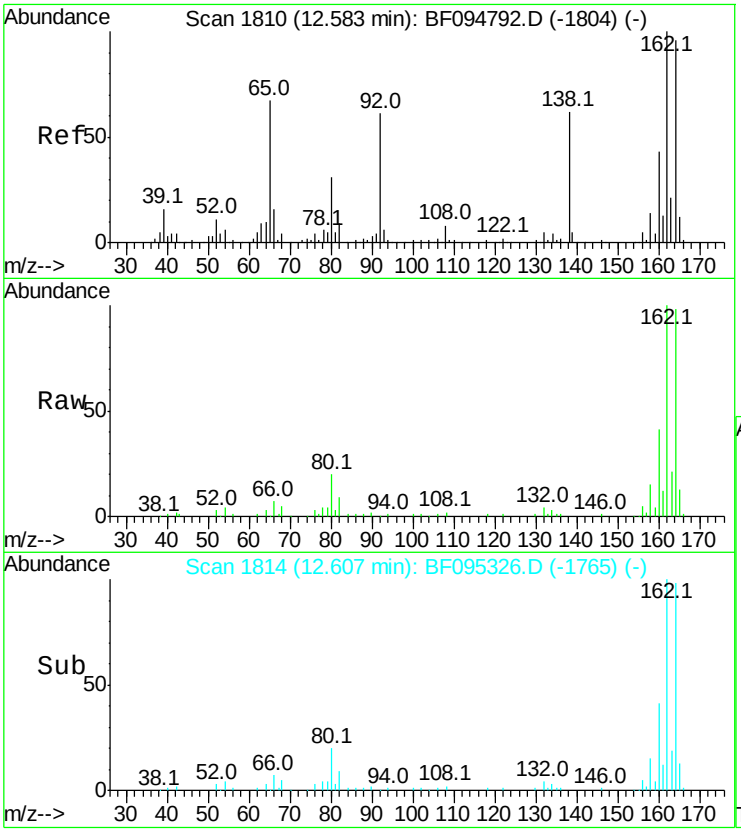


#23
Nitrobenzene-d5
Concen: 60.90 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion: 82 Resp: 341071

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	46.5	42.2	63.2



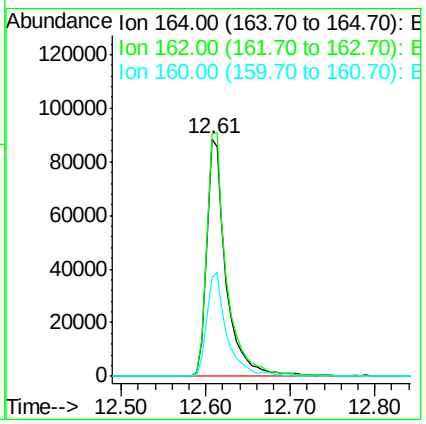


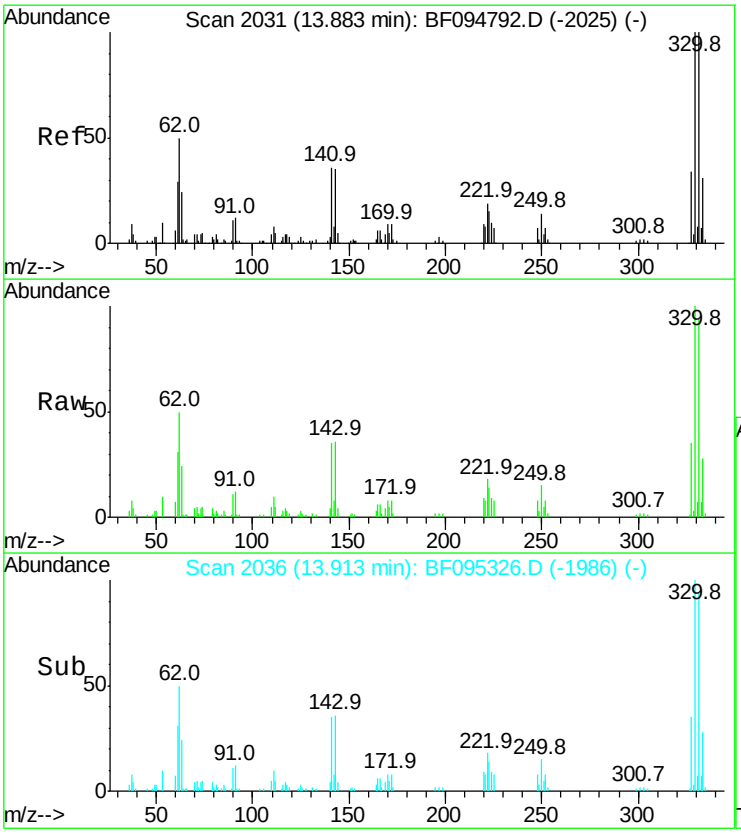
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 143191

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	41.6	36.2	54.2

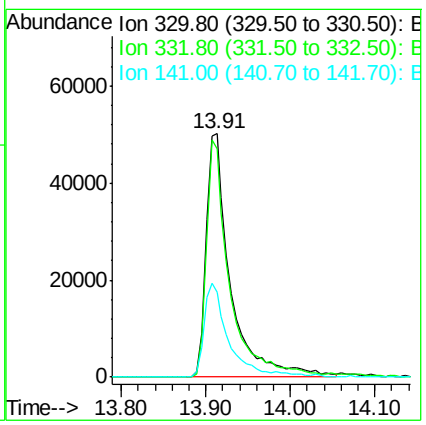


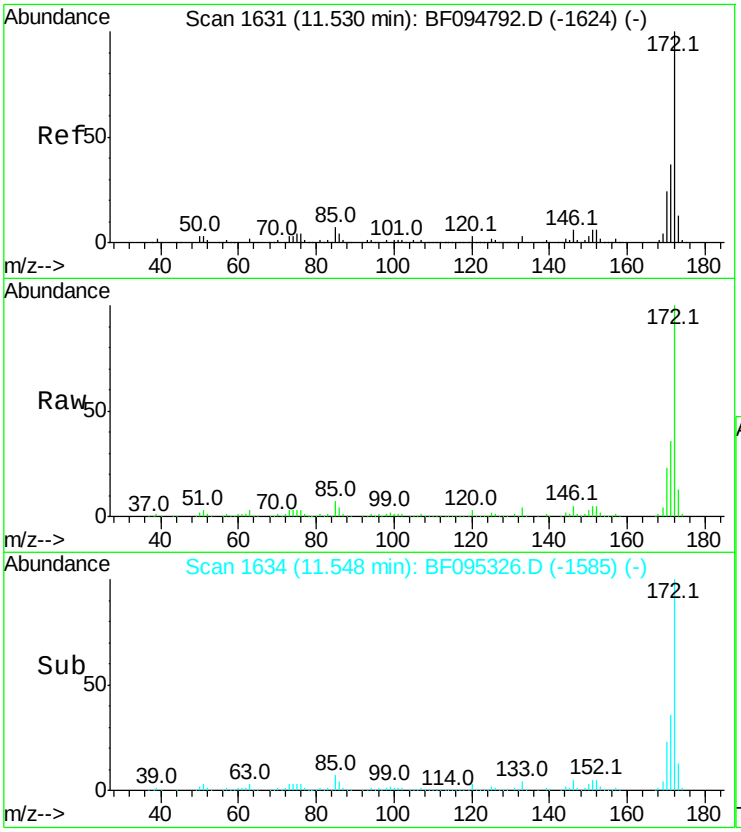


#41
2,4,6-Tribromophenol
Concen: 86.27 ng
RT: 13.91 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:330 Resp: 101169

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	39.1	31.4	47.2



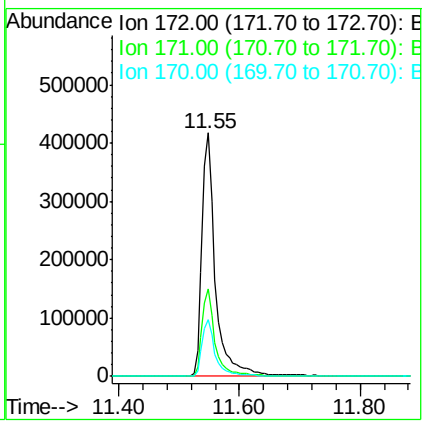


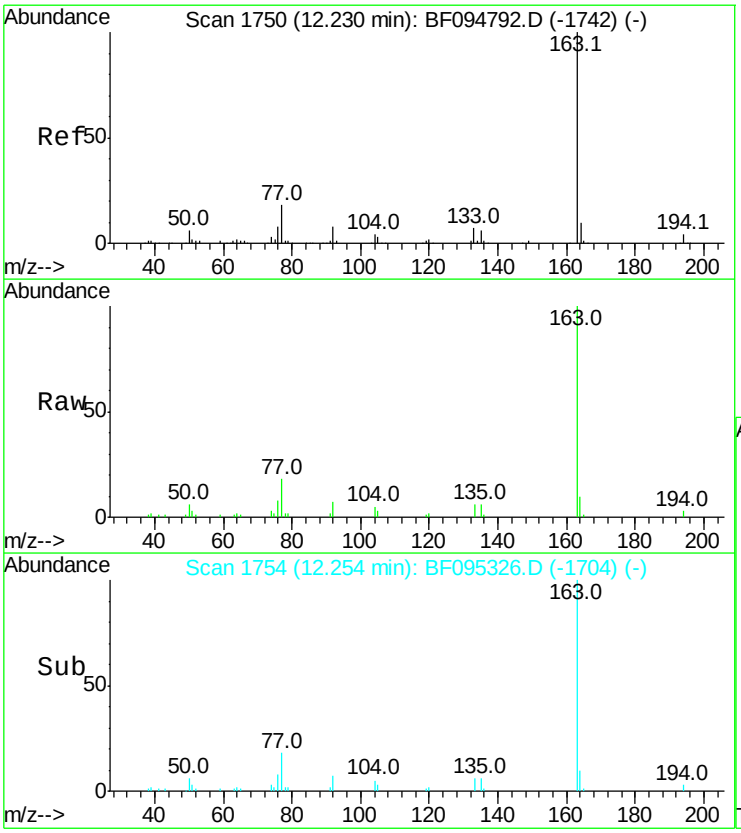
#44
2-Fluorobiphenyl
Concen: 65.96 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 656190

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.1	19.8	29.8

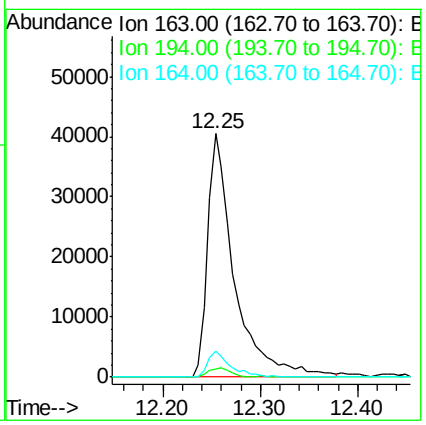


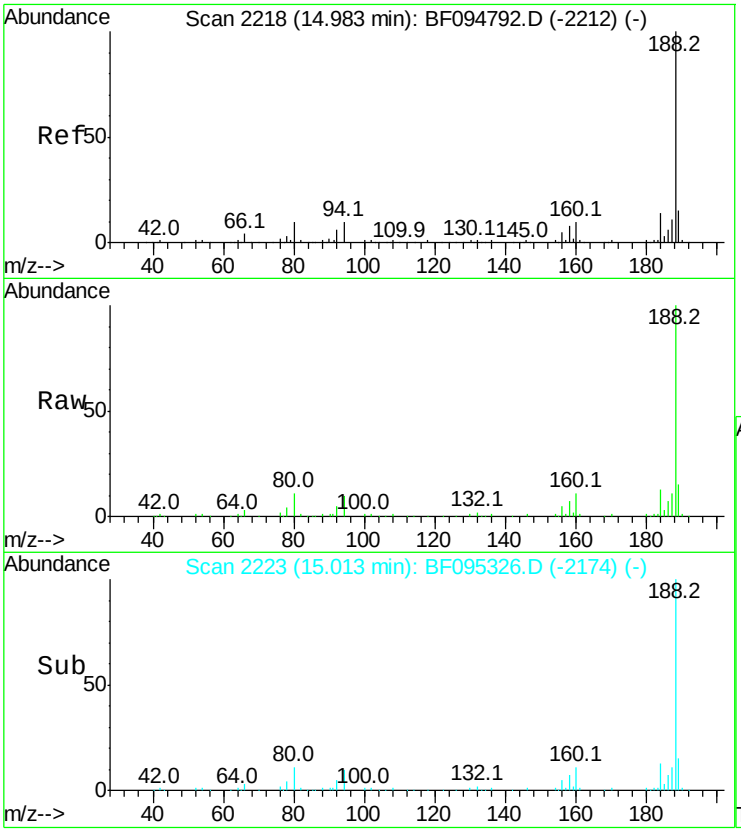


#49
Dimethylphthalate
Concen: 6.57 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:163 Resp: 77244

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6



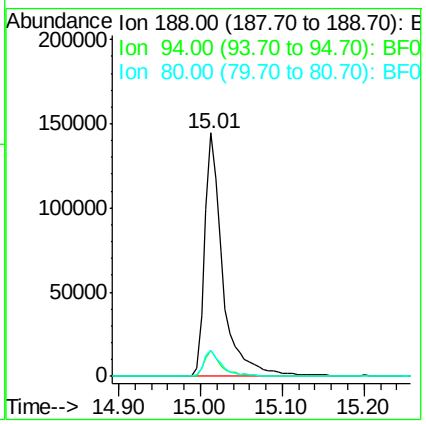


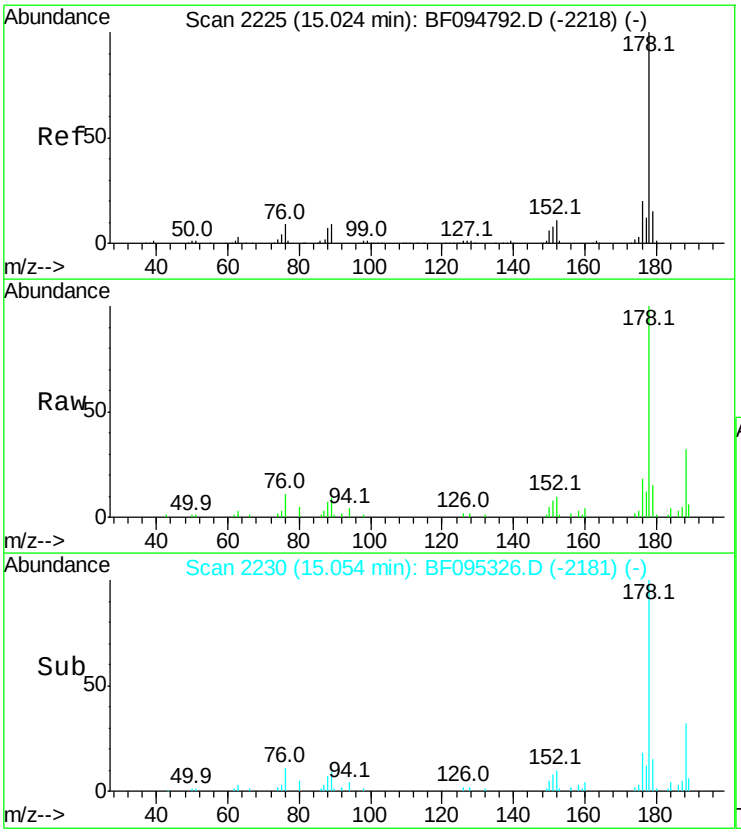
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 222427

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.8	10.2	15.2

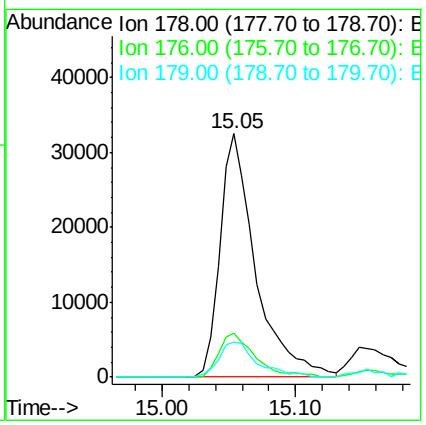


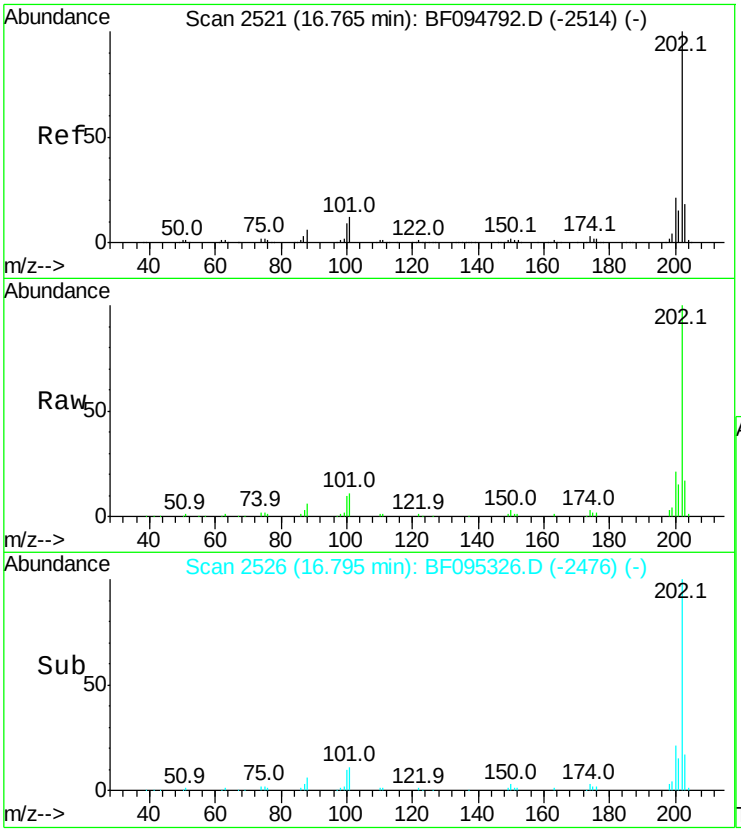


#70
Phenanthrene
Concen: 4.74 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:178 Resp: 60551

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	14.5	12.6	19.0



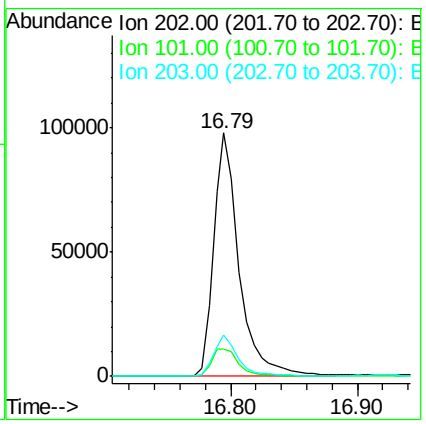


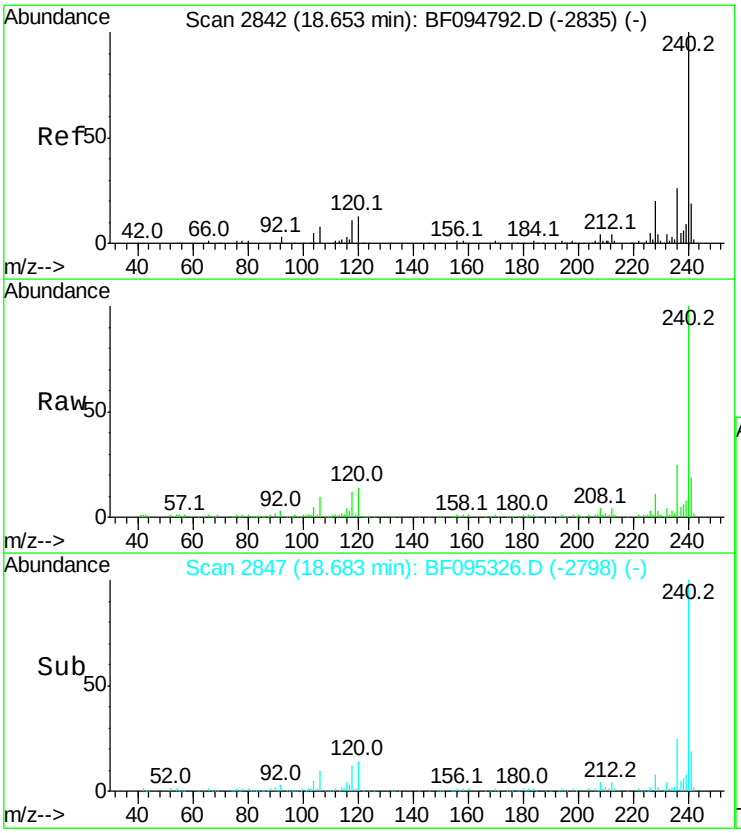
#74
Fluoranthene
Concen: 10.47 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 137220

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.2
203	16.9	0.0	38.1

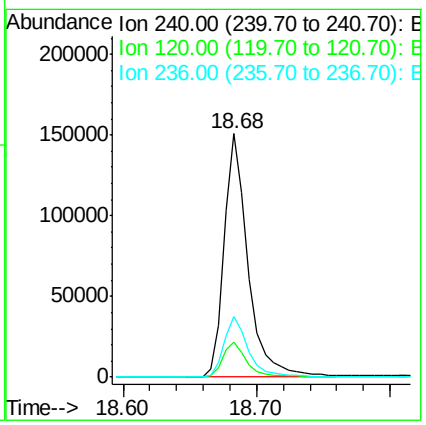


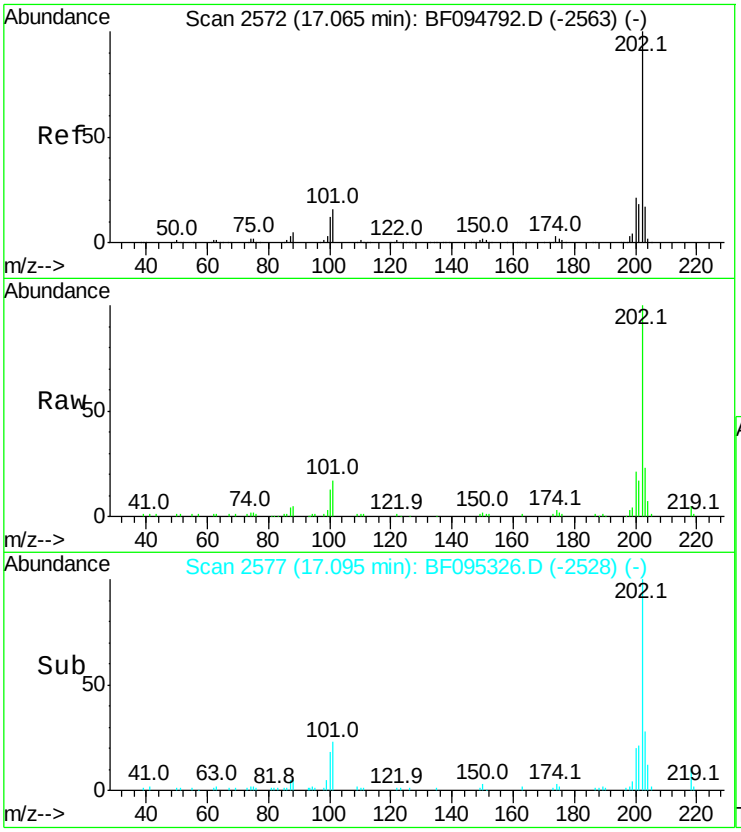


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:240 Resp: 190499

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.1	20.5	30.7



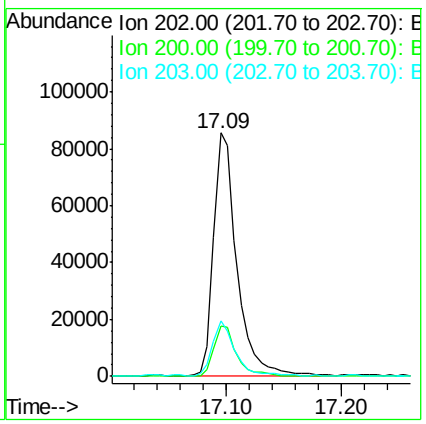


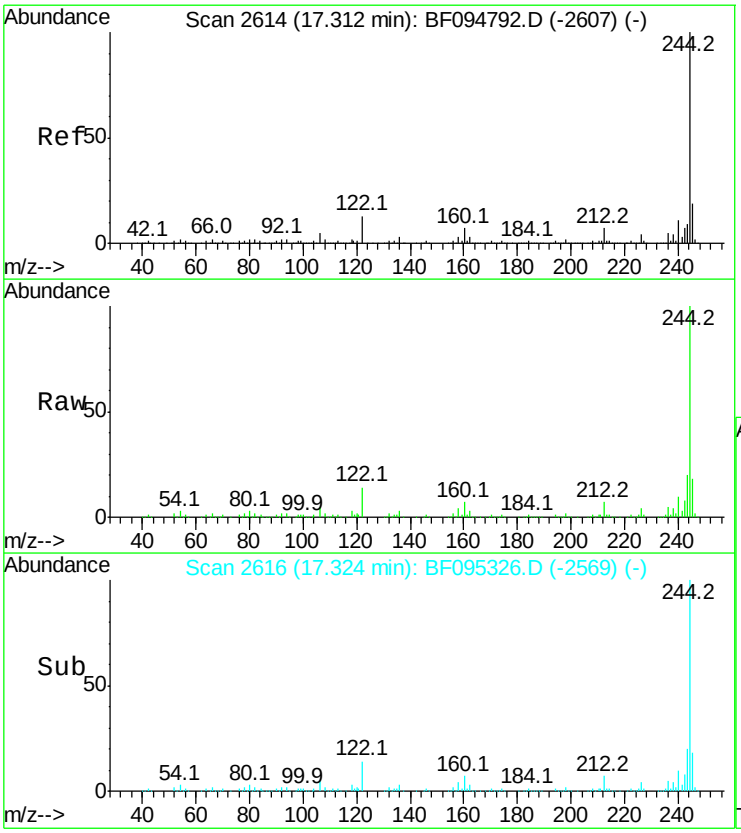
#77
Pyrene
Concen: 8.45 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 120348

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	22.6	14.4	21.6#

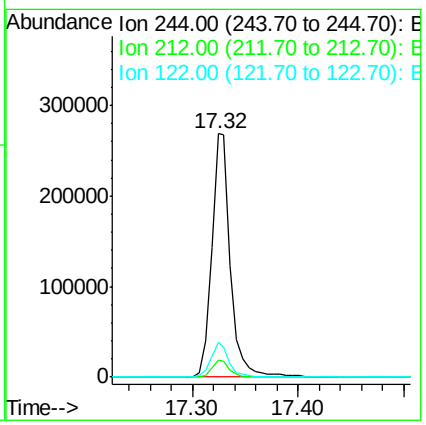


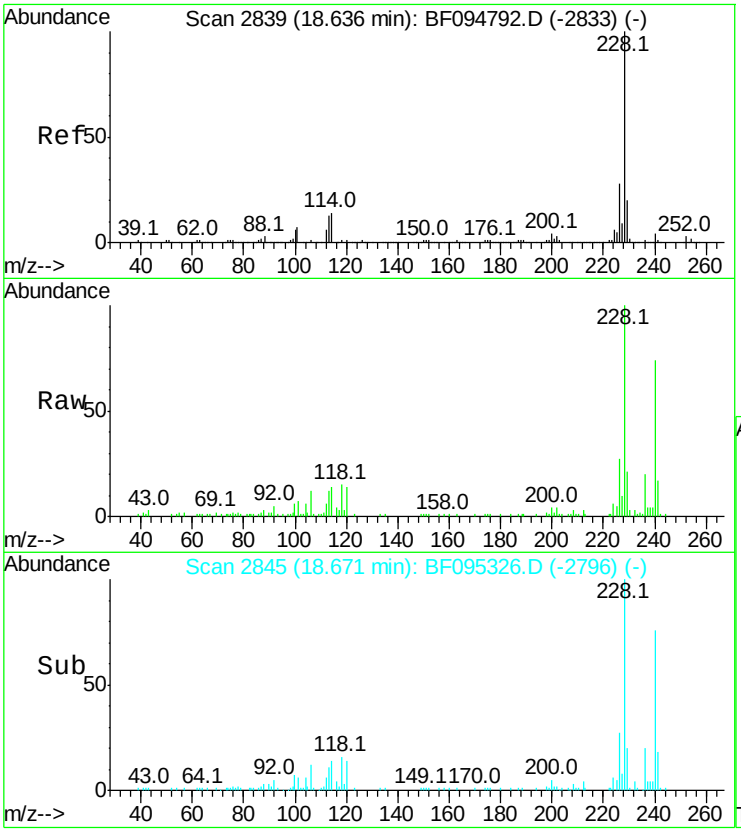


#78
Terphenyl-d14
Concen: 38.75 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:244 Resp: 335128

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.5	10.3	15.5



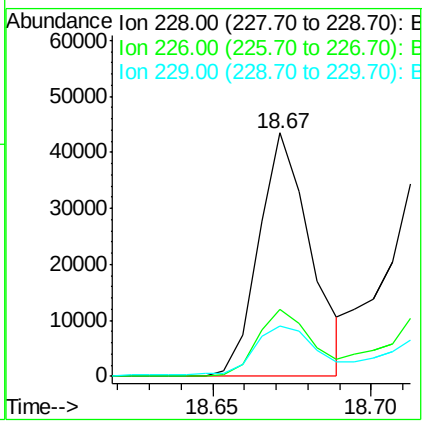


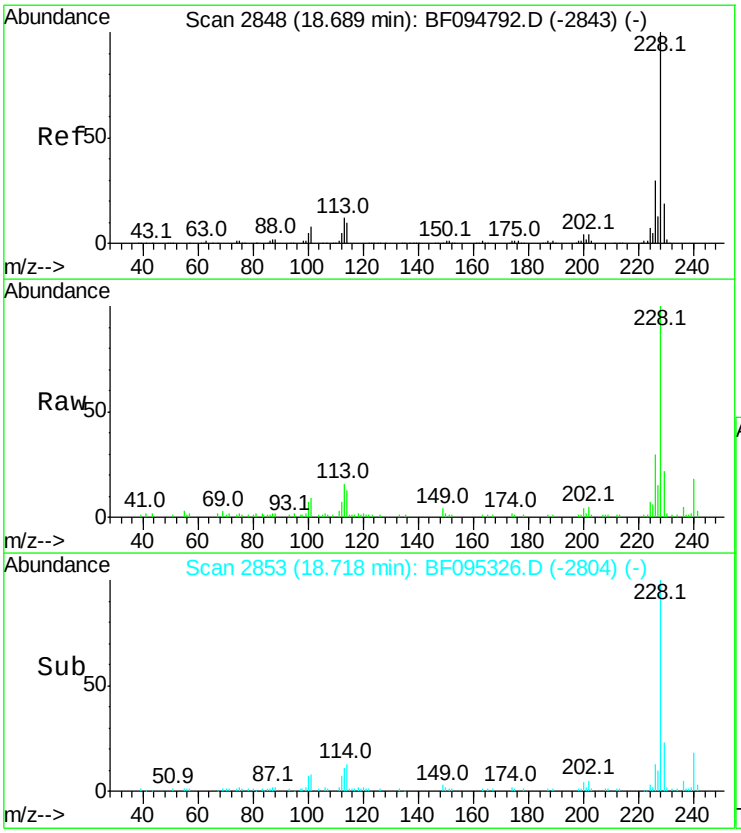
#80
Benzo(a)anthracene
Concen: 4.46 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 49488

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.8	16.3	24.5

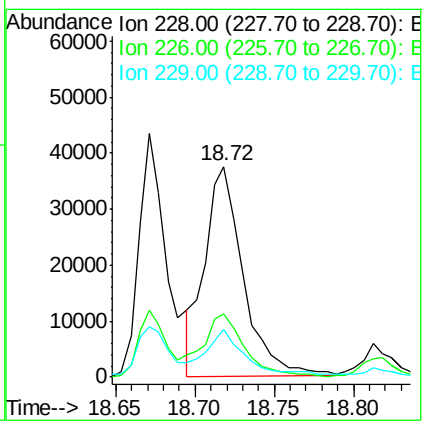


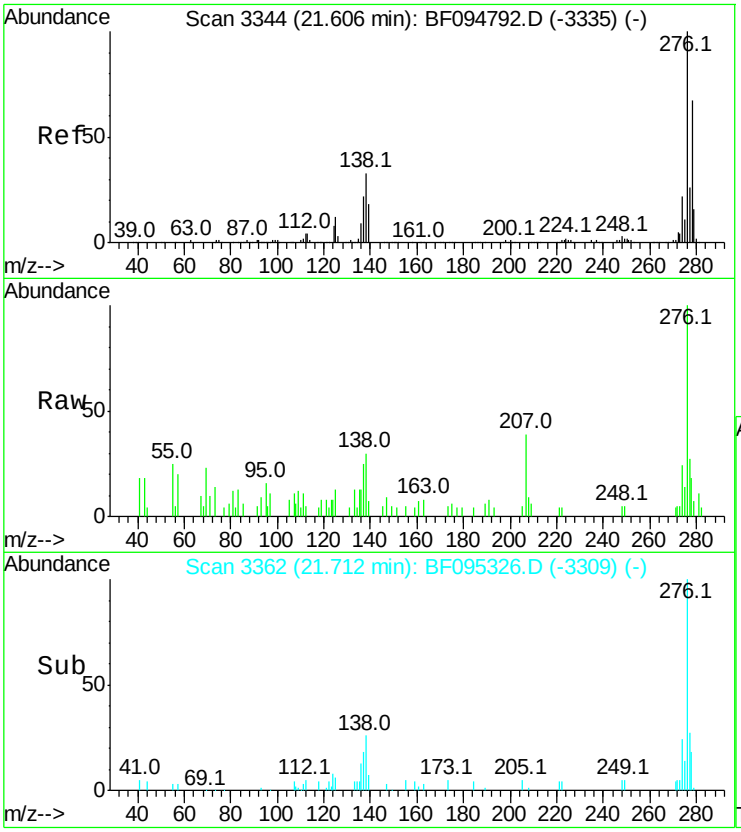


#82
Chrysene
Concen: 5.89 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:228 Resp: 63188

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	22.4	15.8	23.6



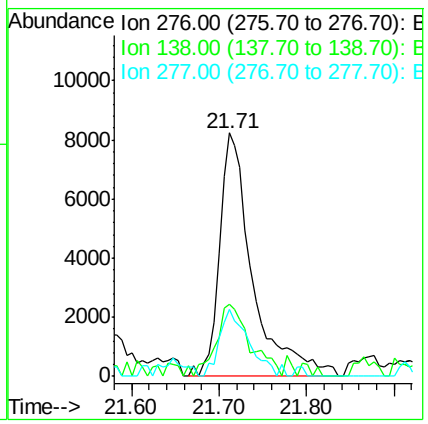


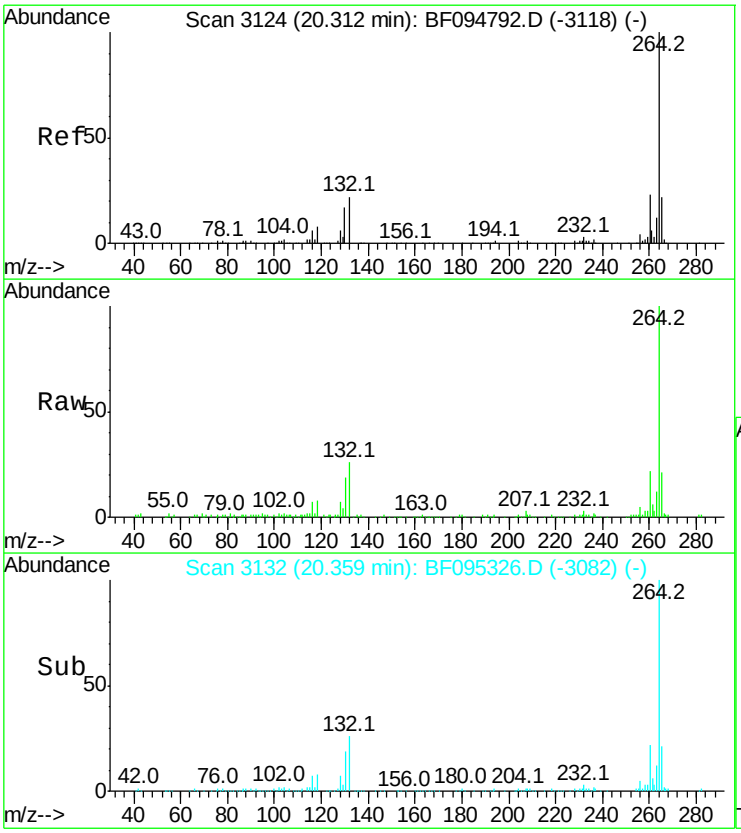
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.46 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 21380

Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	24.7	20.2	30.4

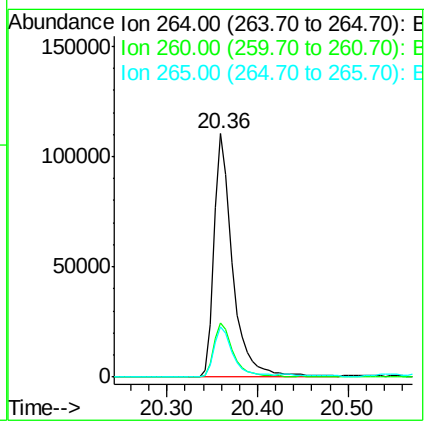


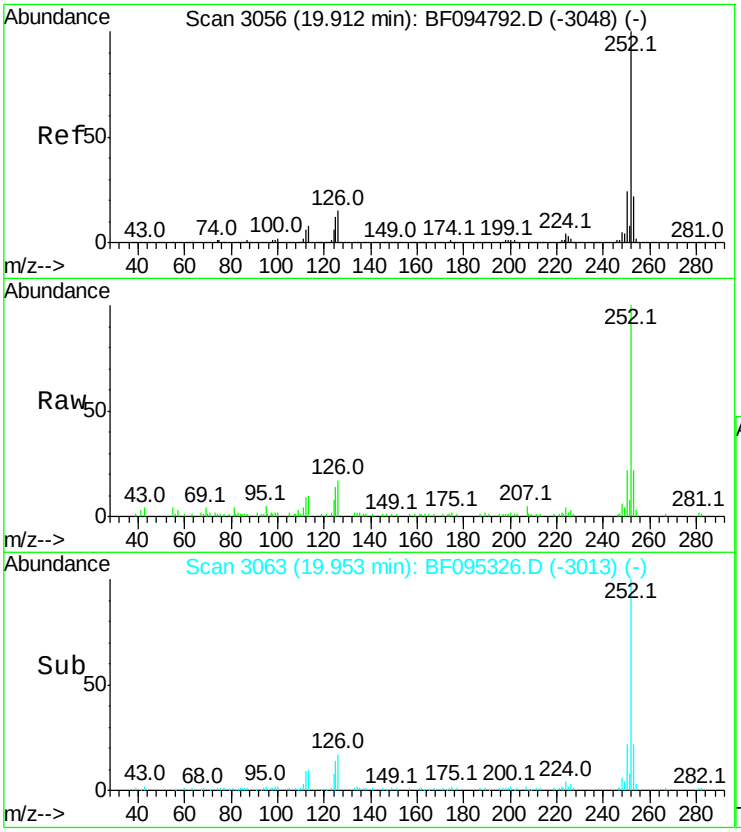


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:264 Resp: 158604

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.7	17.2	25.8



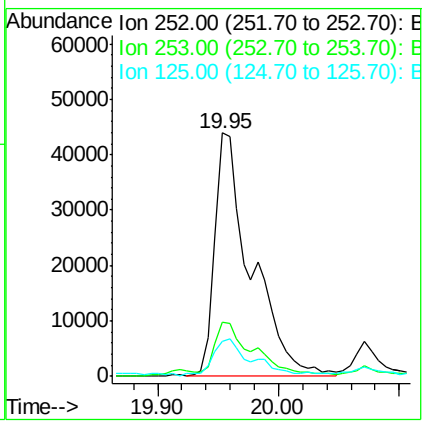


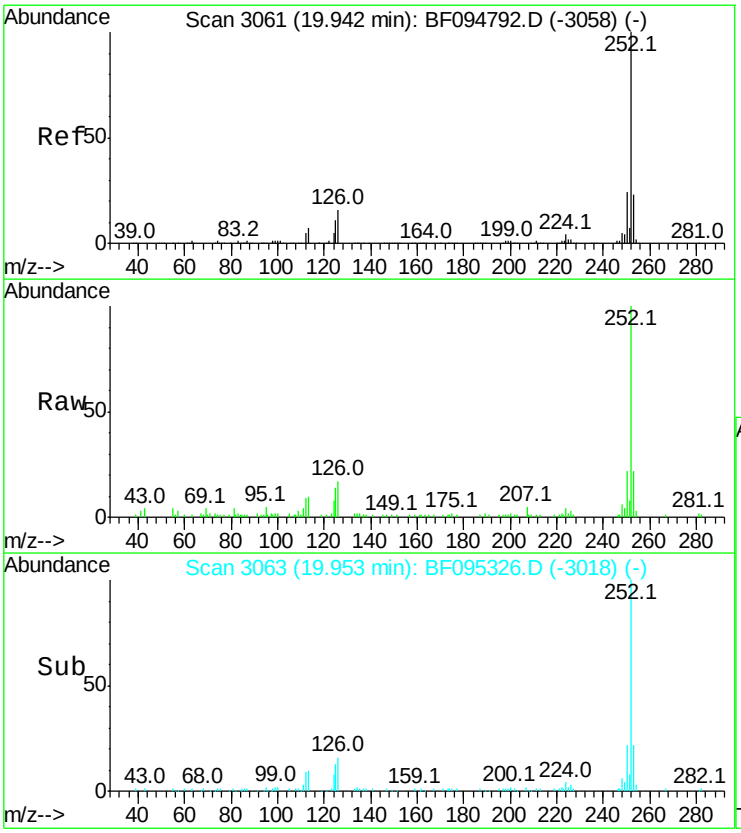
#87
Benzo(b)fluoranthene
Concen: 9.37 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91868

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.4	9.8	14.8

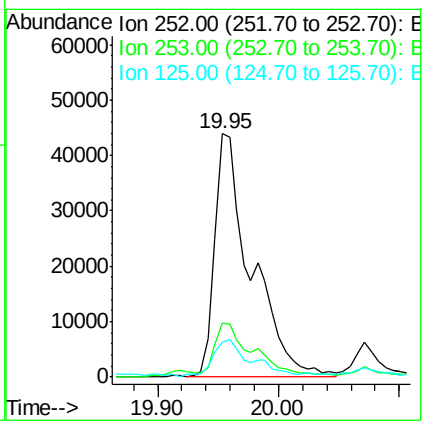


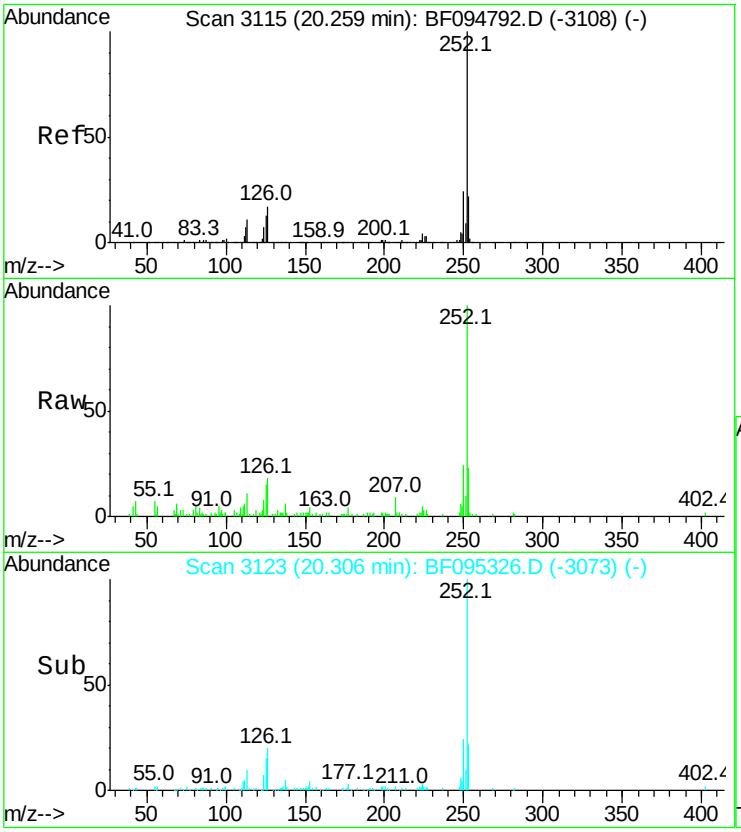


#88
Benzo(k)fluoranthene
Concen: 9.72 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:252 Resp: 91868

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.4	13.1	19.7



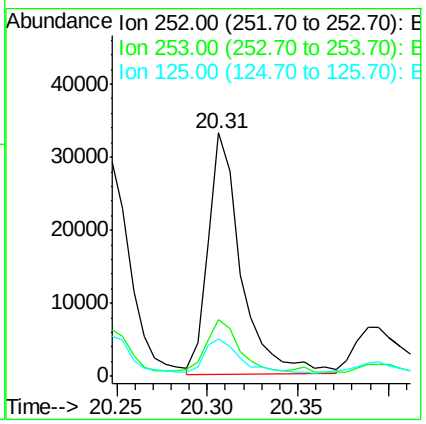


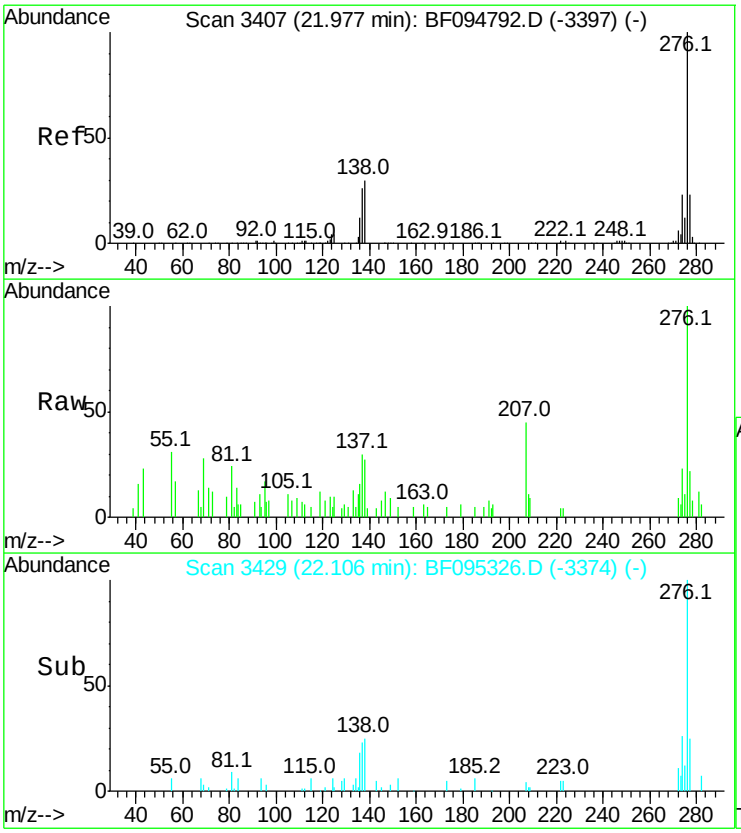
#89
Benzo(a)pyrene
Concen: 4.60 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41586

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.85 ng
RT: 22.11 min Scan# 3429
Delta R.T. 0.02 min
Lab File: BF095326.D
Acq: 22 May 2017 21:38

Tgt Ion:276 Resp: 20917

Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.6	28.0
138	27.1	25.4	38.0