Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095520.D
Acq On : 28 May 2017 3:42
Operator : SJ/MA
Sample : I3244-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 29 01:19:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	100006	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	386650	20.00	ng		0.00
38) Acenaphthene-d10	12.60	164	154708	20.00	ng		0.00
63) Phenanthrene-d10	15.00	188	215550	20.00	ng		0.00
75) Chrysene-d12	18.67	240	218446	20.00	ng		0.00
86) Perylene-d12	20.35	264	167013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	589897	98.34	ng		0.00
7) Phenol-d6	7.28	99	722480	100.38	ng		-0.01
23) Nitrobenzene-d5	8.64	82	407896	66.52	ng		-0.01
41) 2,4,6-Tribromophenol	13.90	330	102764	81.11	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	674469	62.75	ng		0.00
78) Terphenyl-d14	17.31	244	409424	41.28	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.64	70	43729	8.98	ng	#	74
49) Dimethylphthalate	12.25	163	92511	7.28	ng		99
70) Phenanthrene	15.04	178	65402	5.28	ng		98
71) Anthracene	15.04	178	65402	5.17	ng		99
74) Fluoranthene	16.78	202	141926	11.17	ng		99
77) Pyrene	17.09	202	134699	8.24	ng		96
80) Benzo(a)anthracene	18.66	228	64477	5.07	ng		98
82) Chrysene	18.71	228	69764	5.68	ng		96
85) Indeno(1,2,3-cd)pyrene	21.71	276	24375	2.44	ng	#	89
87) Benzo(b)fluoranthene	19.95	252	103969	10.07	ng		96
88) Benzo(k)fluoranthene	19.95	252	103969	10.44	ng		96
89) Benzo(a)pyrene	20.30	252	49482	5.20	ng	#	93
91) Benzo(g,h,i)perylene	22.10	276	25621	3.32	ng	#	91

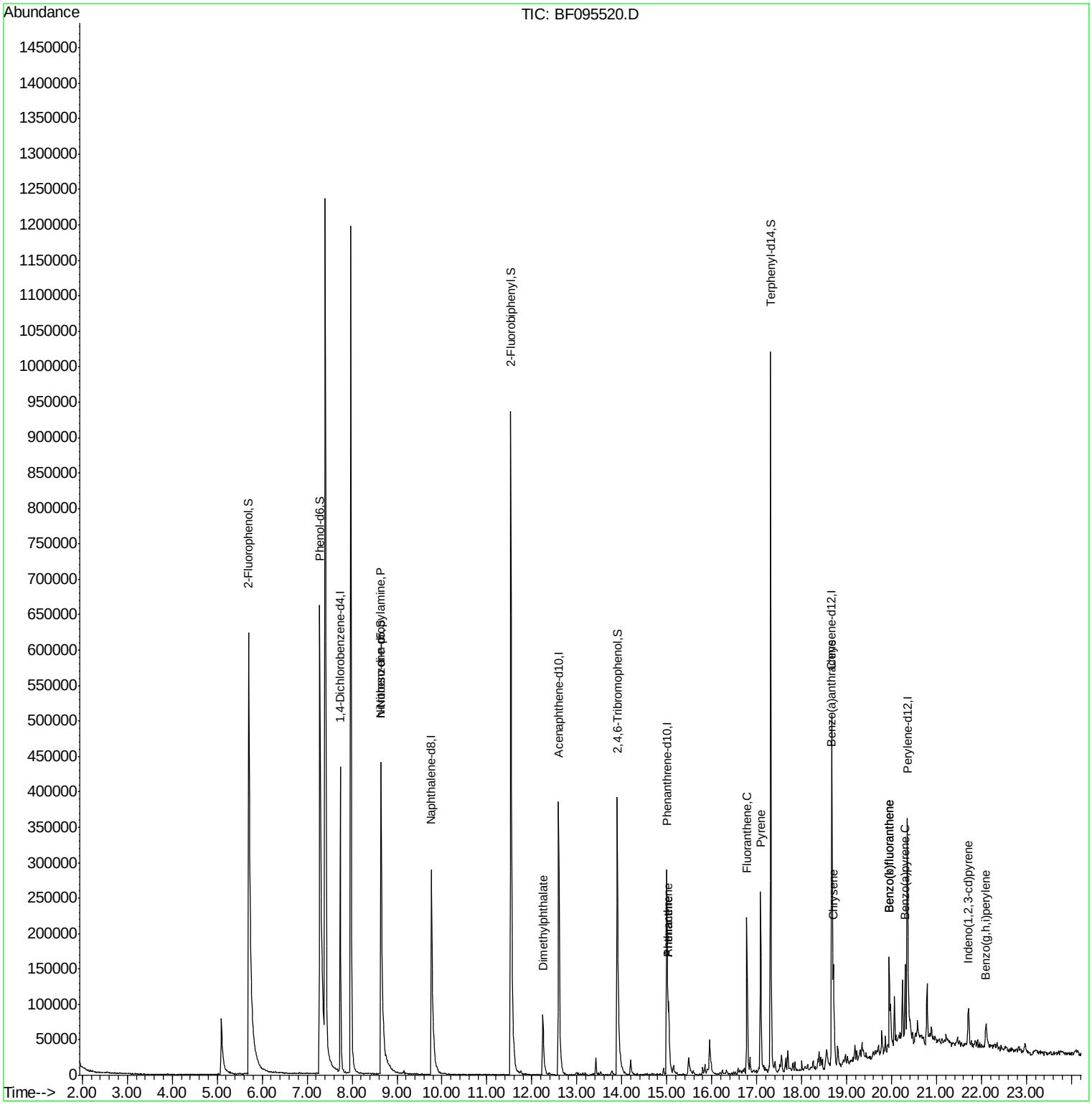
(#) = qualifier out of range (m) = manual integration (+) = signals summed

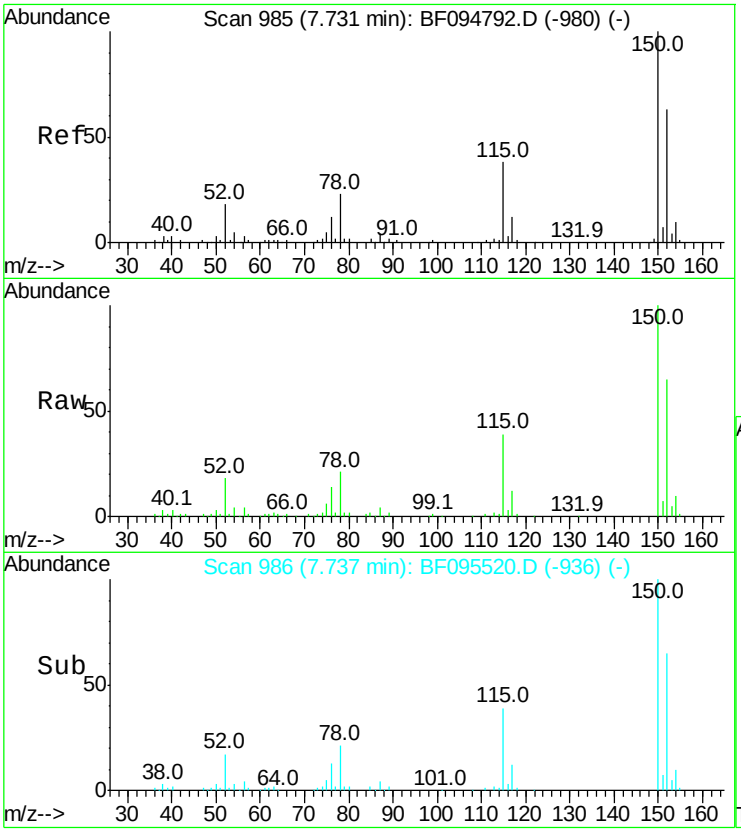
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095520.D
Acq On : 28 May 2017 3:42
Operator : SJ/MA
Sample : I3244-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 29 01:19:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration



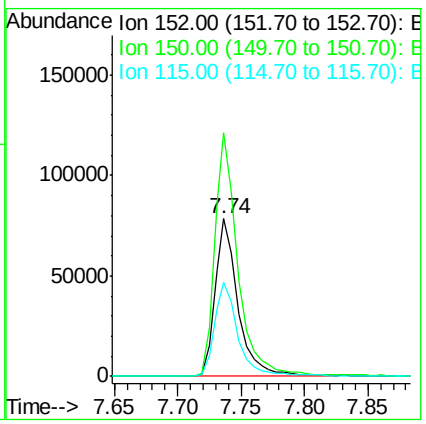


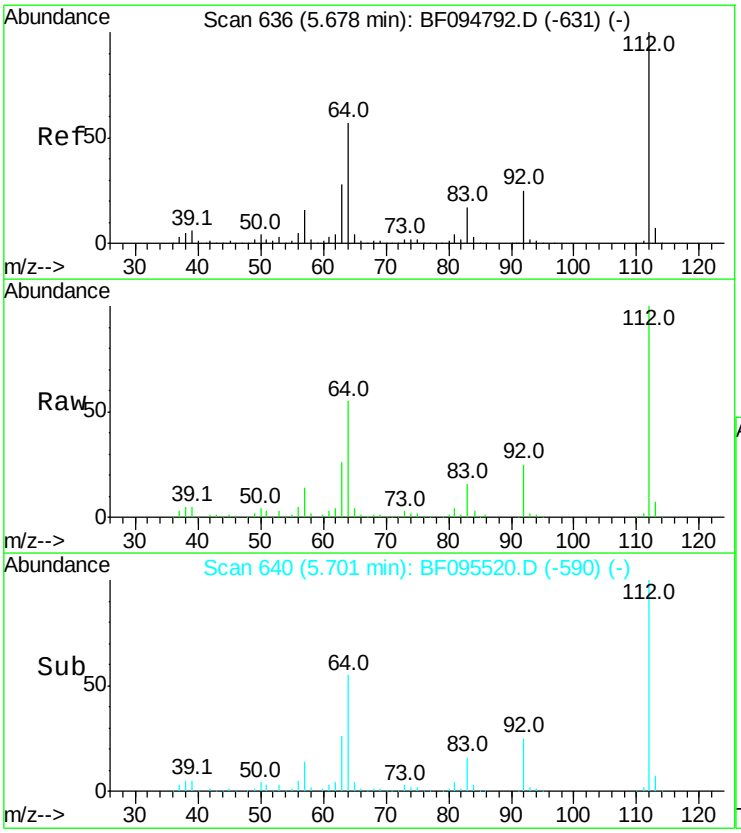
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100006

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	59.7	52.2	78.2

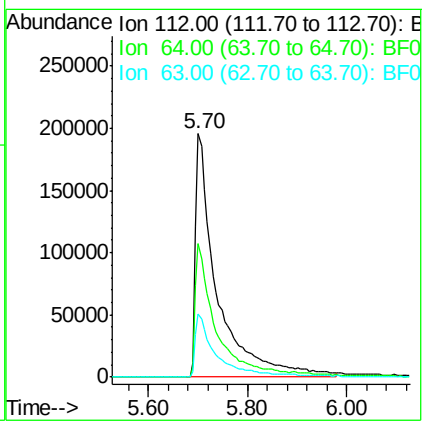


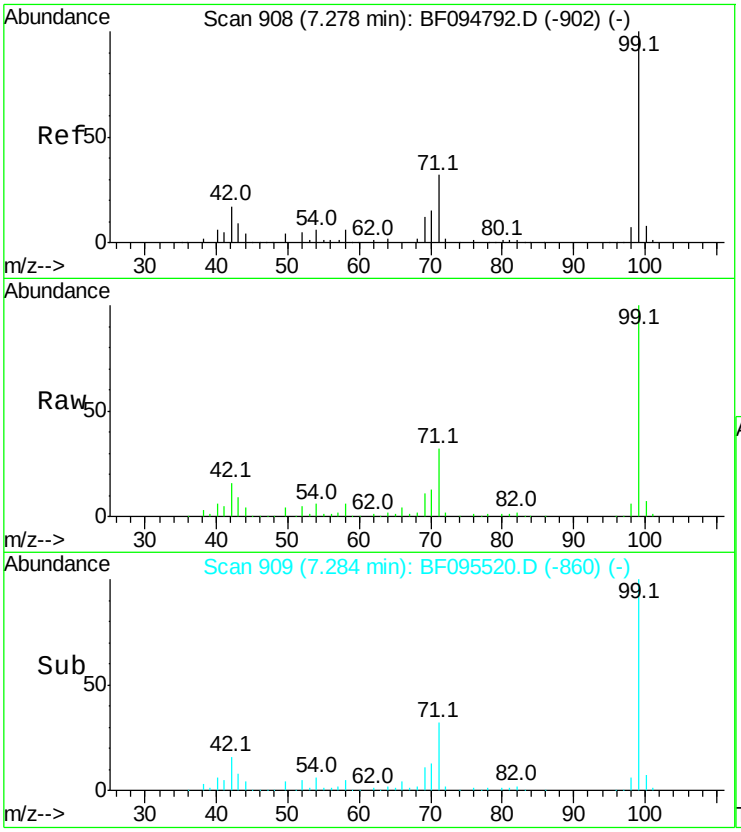


#5
2-Fluorophenol
Concen: 98.34 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:112 Resp: 589897

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	26.2	23.4	35.0



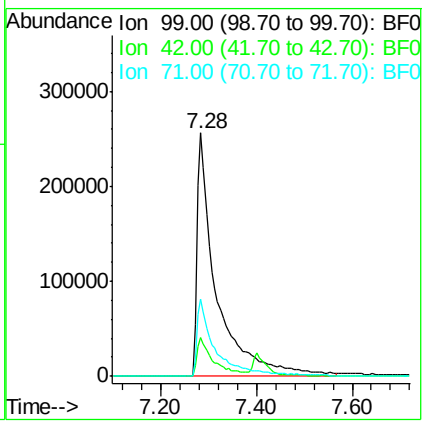


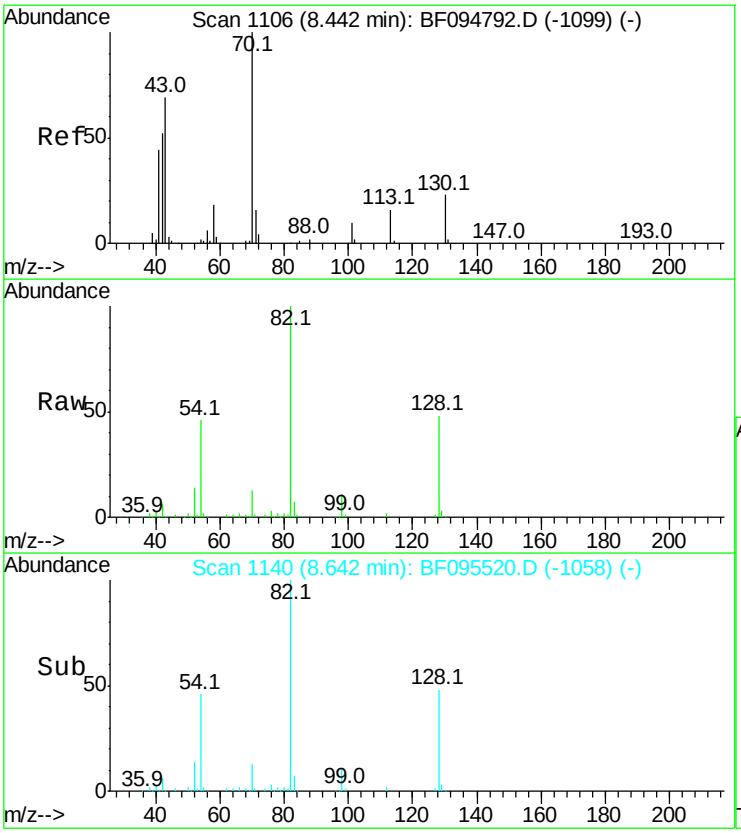
#7
Phenol-d6
Concen: 100.38 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 722480

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.5	24.5	36.7

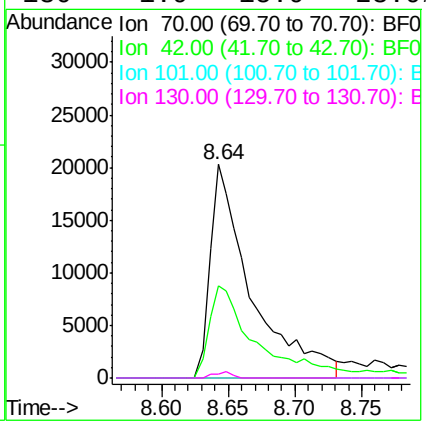


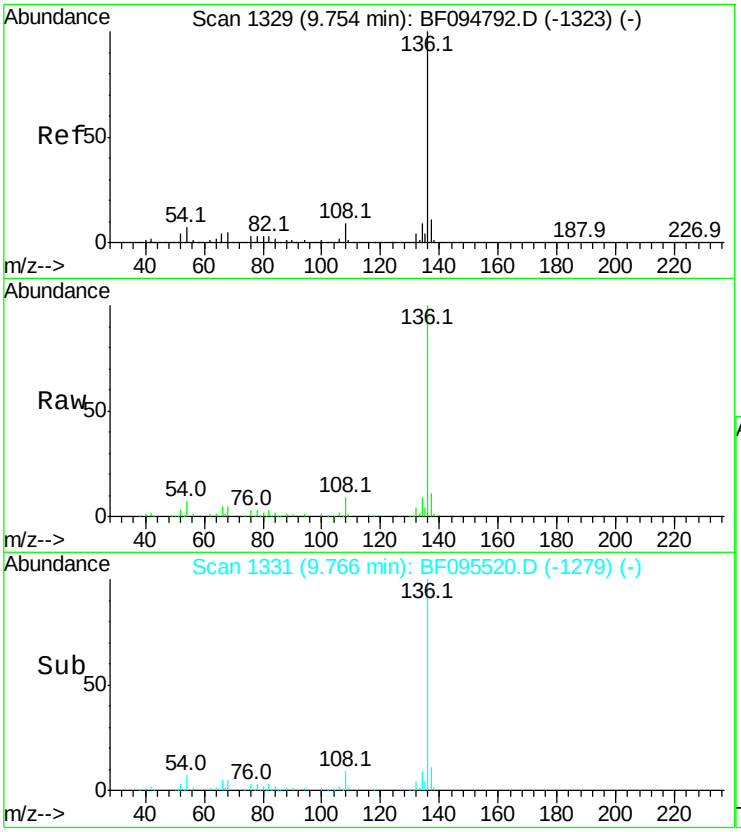


#19
n-Nitroso-di-n-propylamine
Concen: 8.98 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion: 70 Resp: 43729

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



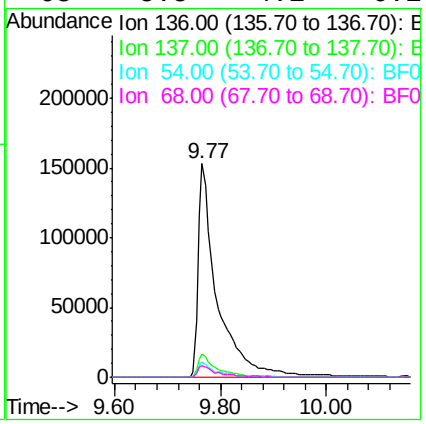


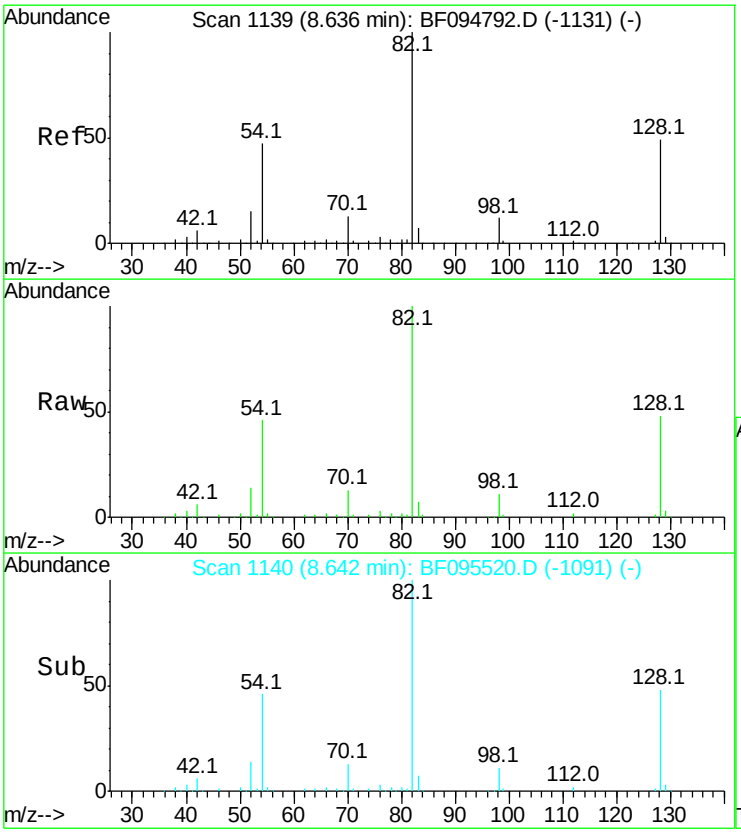
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 386650

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.1	4.9	7.3
68	5.5	4.1	6.1

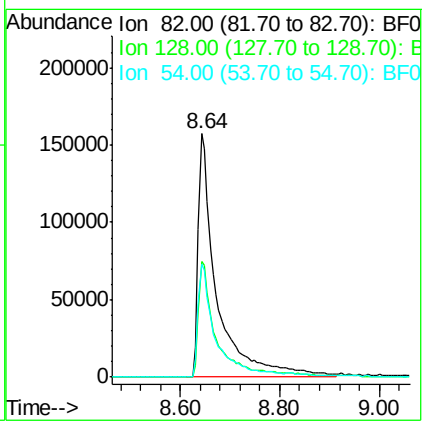


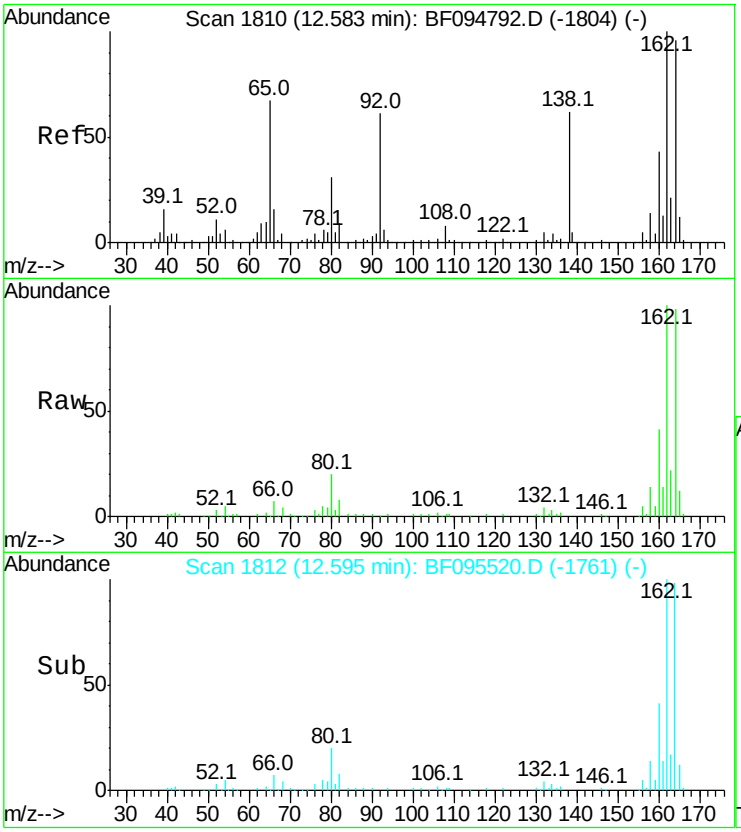


#23
Nitrobenzene-d5
Concen: 66.52 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion: 82 Resp: 407896

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	46.4	42.2	63.2



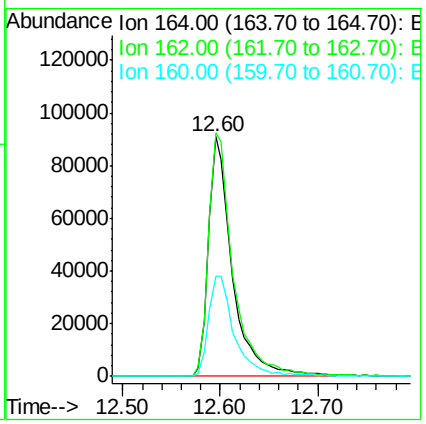


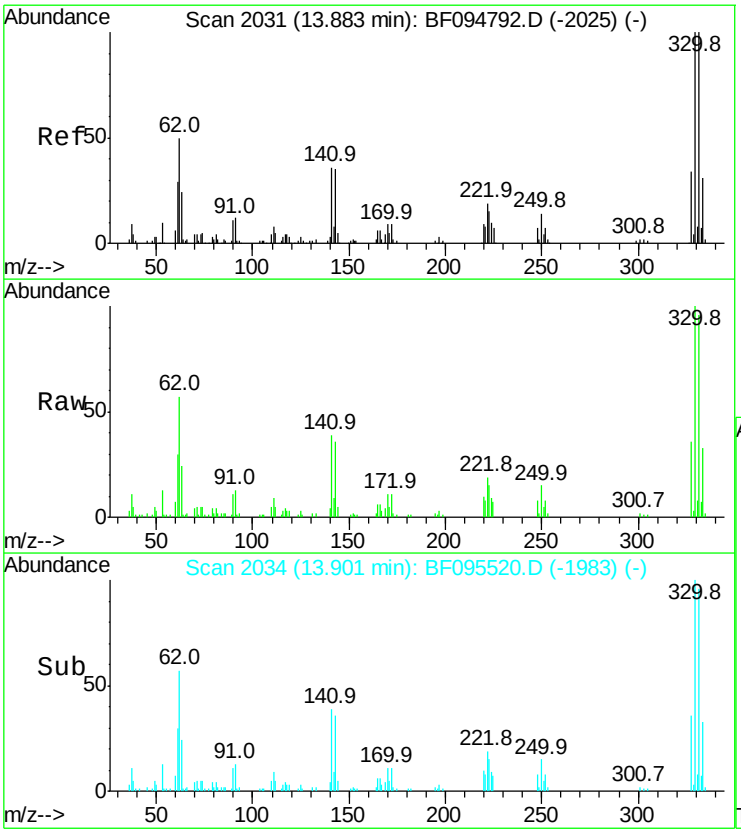
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 154708

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	42.0	36.2	54.2

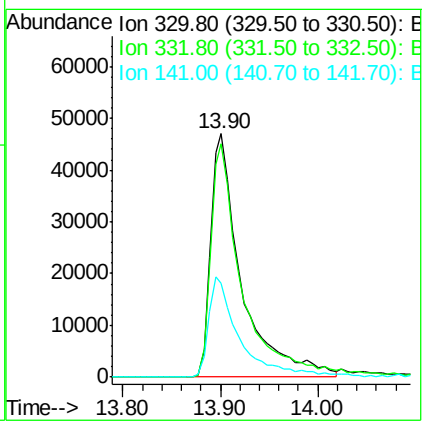


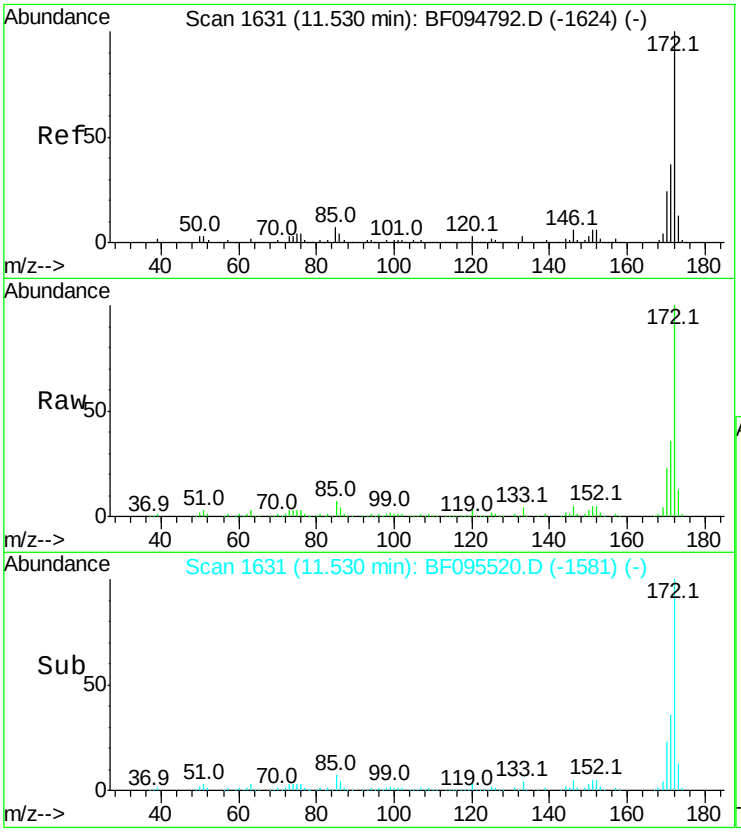


#41
2,4,6-Tribromophenol
Concen: 81.11 ng
RT: 13.90 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:330 Resp: 102764

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.6	115.0
141	41.8	31.4	47.2



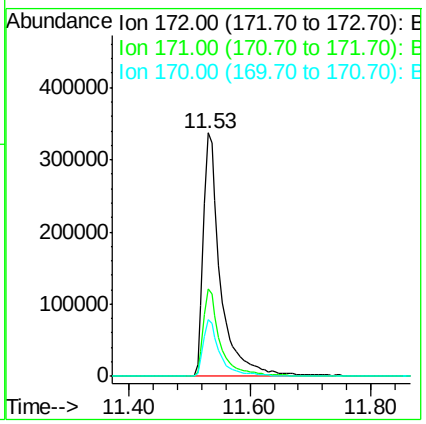


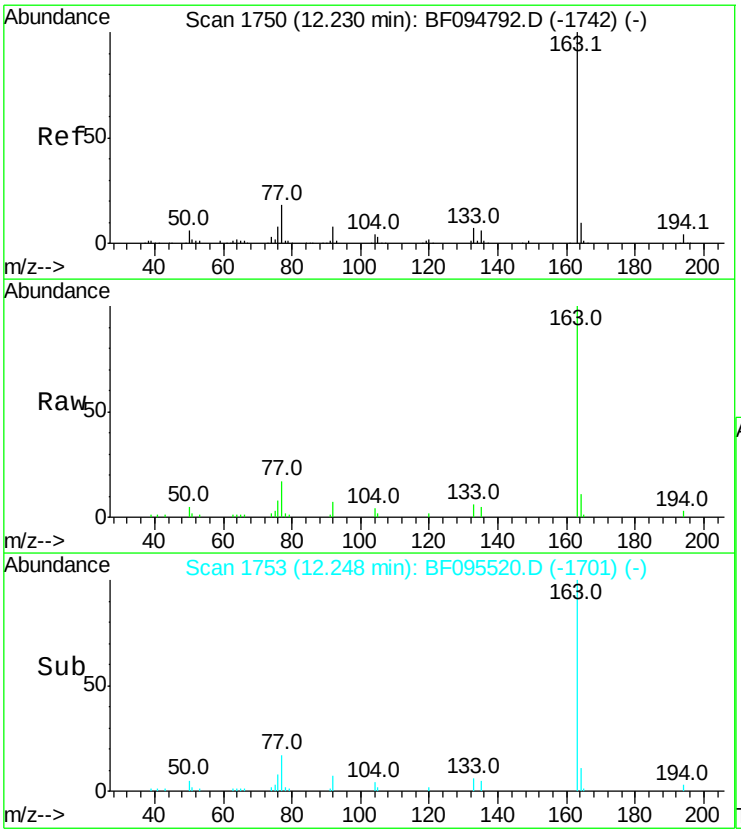
#44
2-Fluorobiphenyl
Concen: 62.75 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 674469

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.2	19.8	29.8

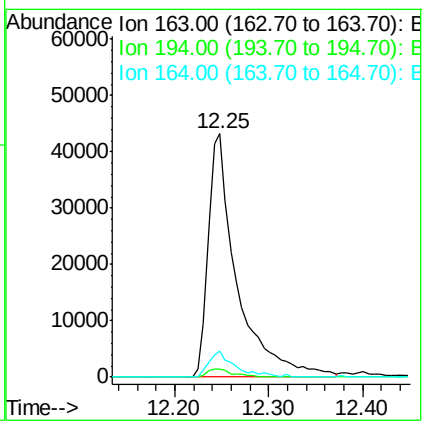


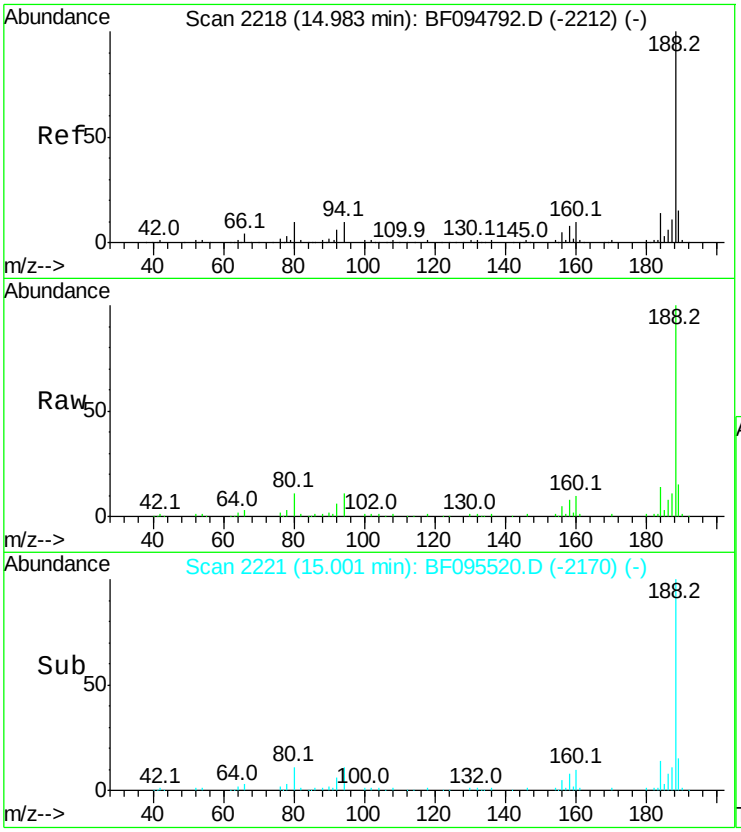


#49
Dimethylphthalate
Concen: 7.28 ng
RT: 12.25 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:163 Resp: 92511

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.8	8.4	12.6



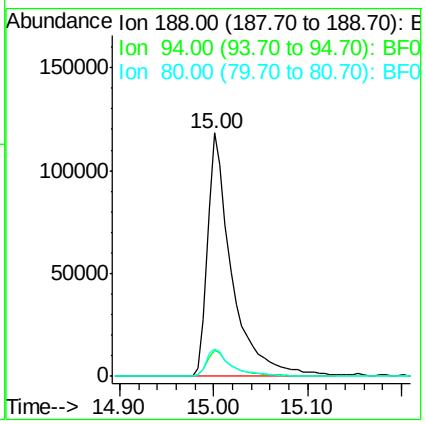


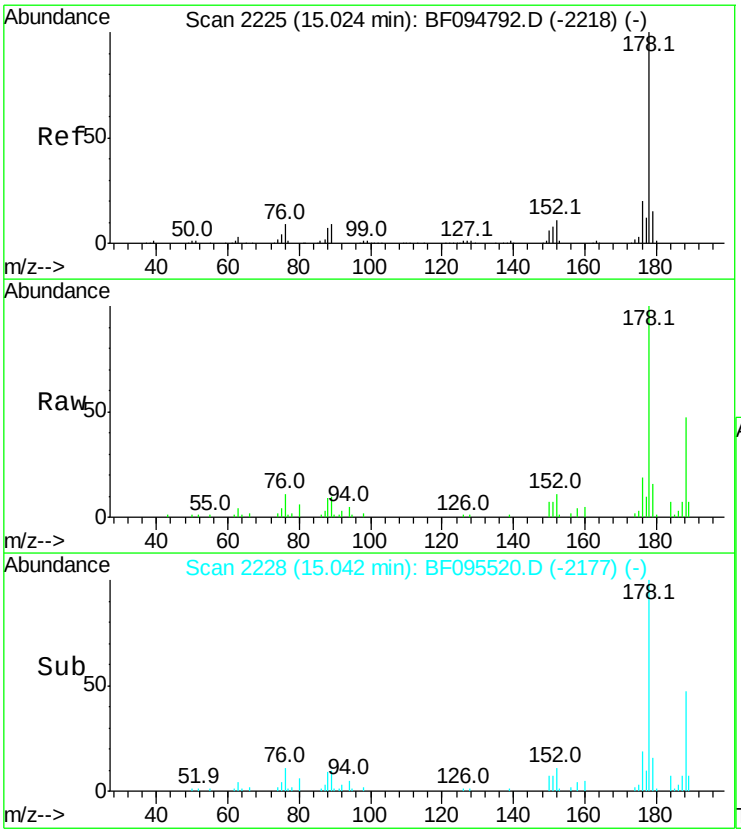
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 215550

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.1	10.2	15.2

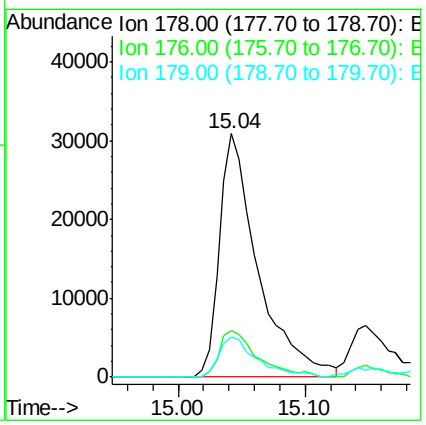


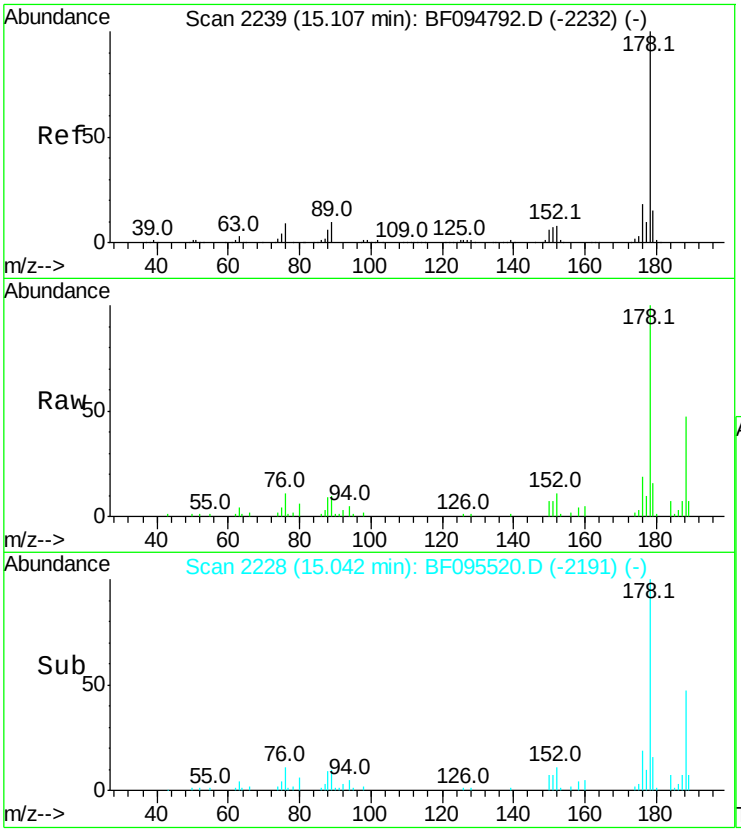


#70
Phenanthrene
Concen: 5.28 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:178 Resp: 65402

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	16.2	12.6	19.0



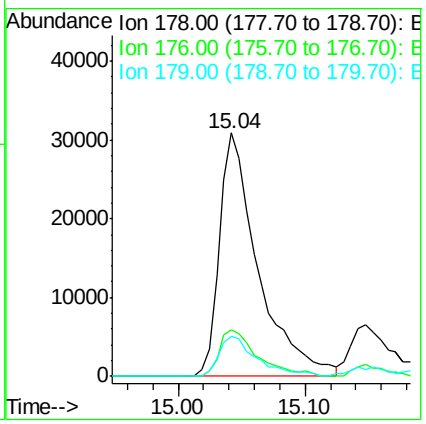


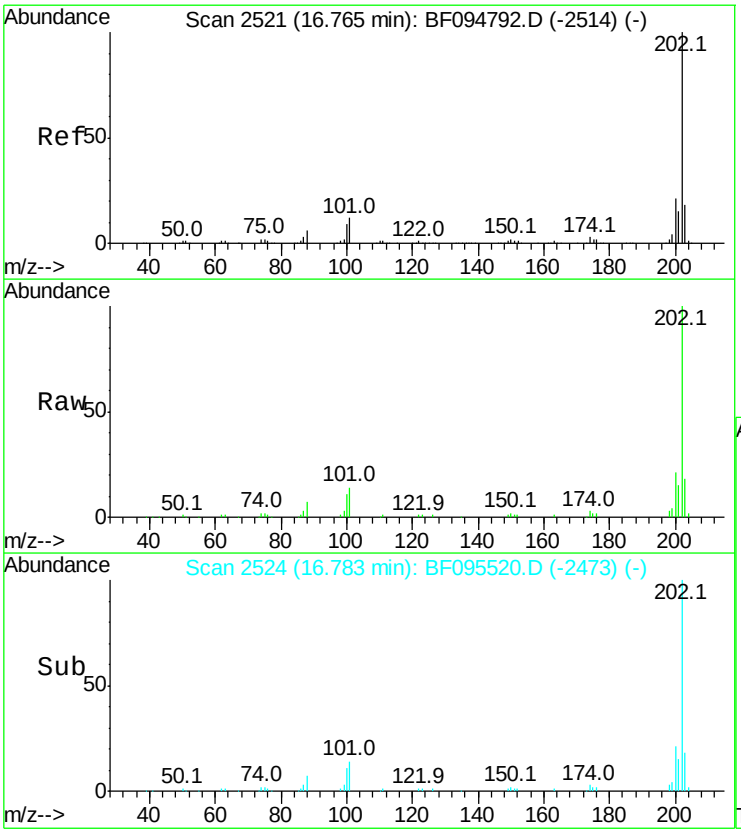
#71
Anthracene
Concen: 5.17 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 65402

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.2	12.7	19.1

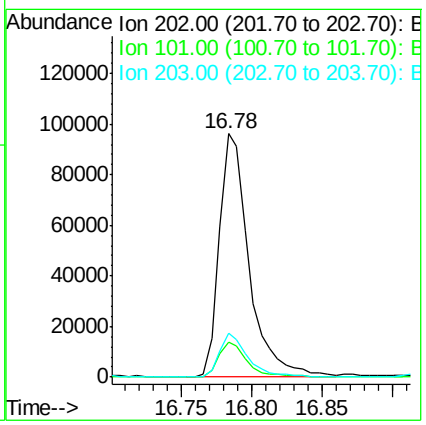


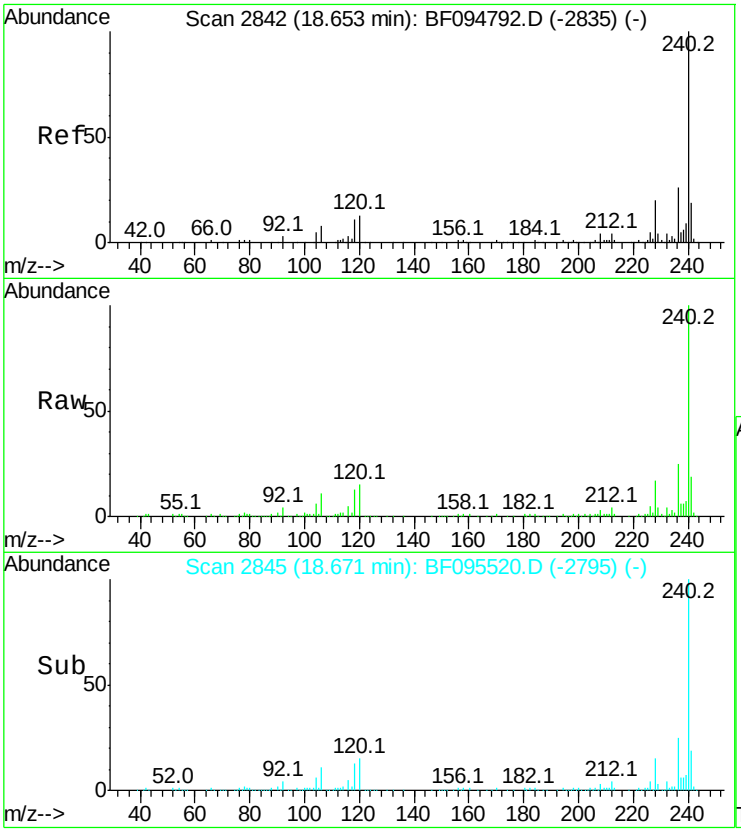


#74
Fluoranthene
Concen: 11.17 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:202 Resp: 141926

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	18.2	0.0	38.1



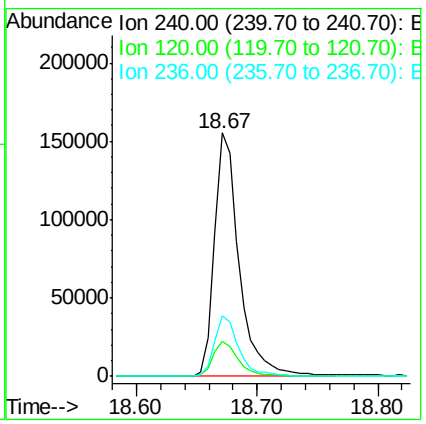


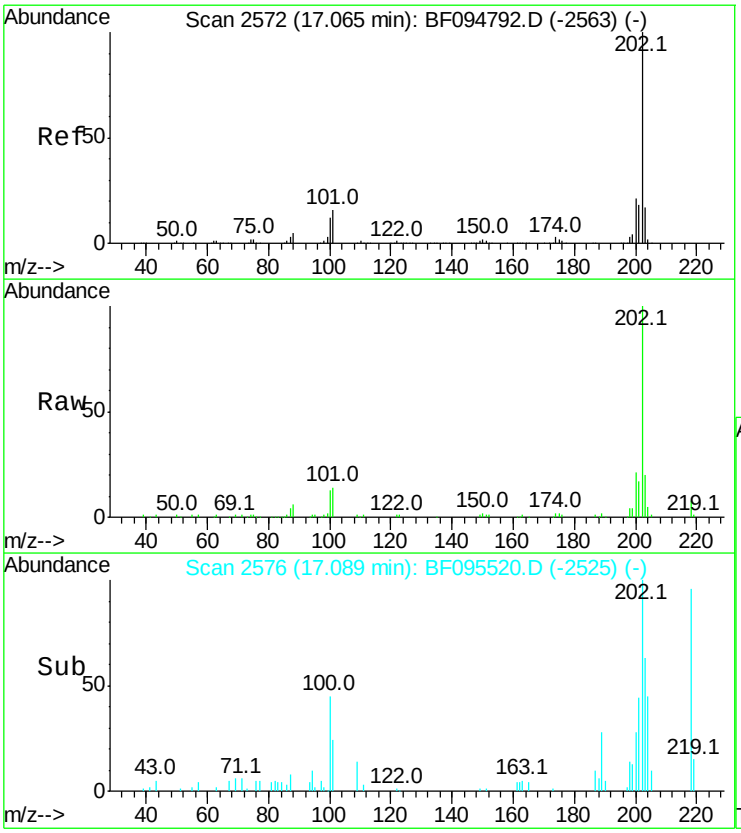
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 218446

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.0	20.5	30.7

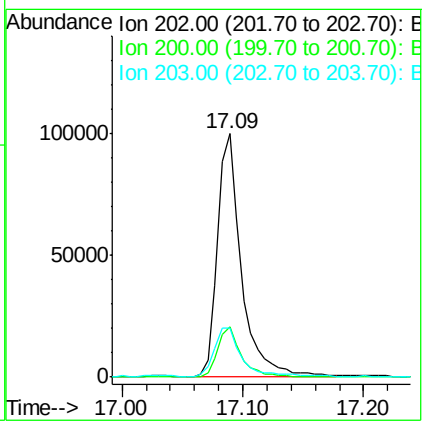


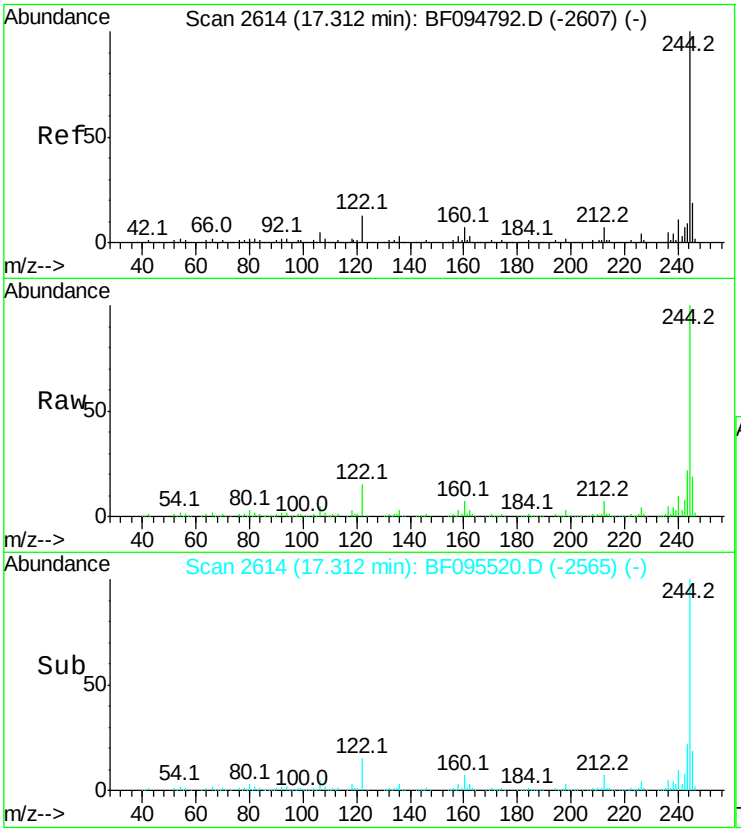


#77
Pyrene
Concen: 8.24 ng
RT: 17.09 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:202 Resp: 134699

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	20.4	14.4	21.6



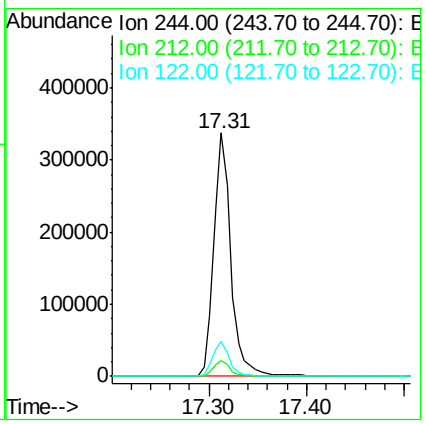


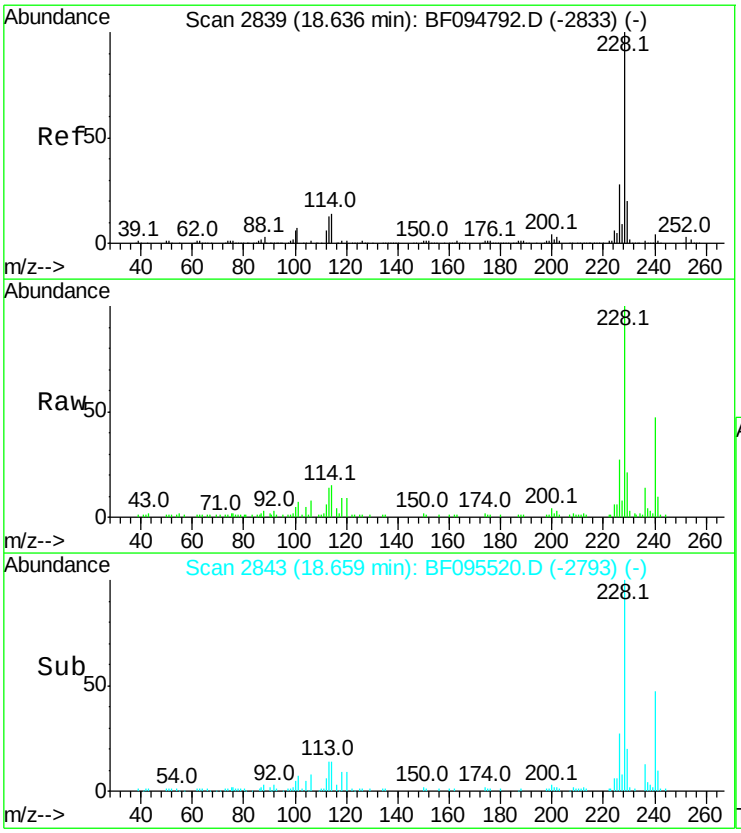
#78
Terphenyl-d14
Concen: 41.28 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 409424

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.5	10.3	15.5

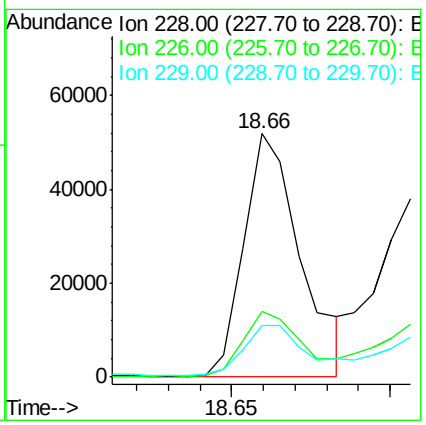


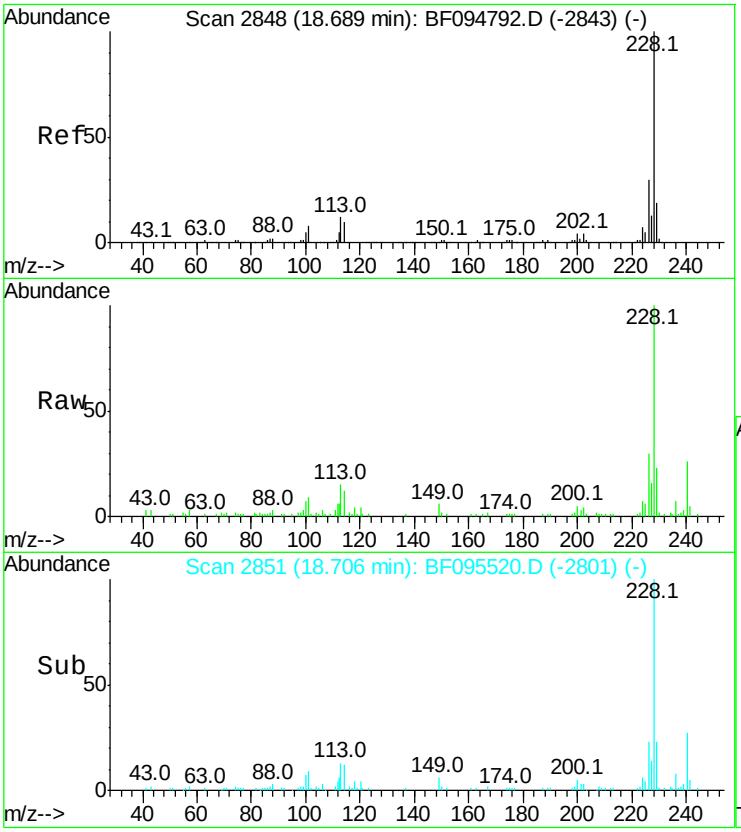


#80
Benzo(a)anthracene
Concen: 5.07 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:228 Resp: 64477

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	21.0	16.3	24.5



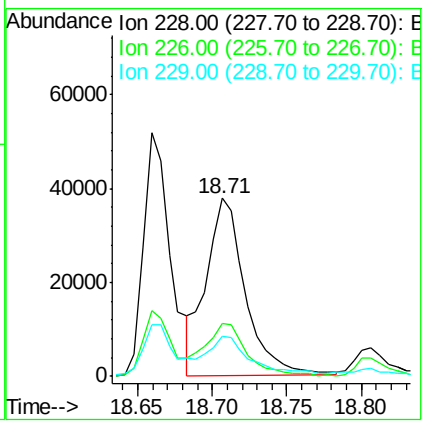


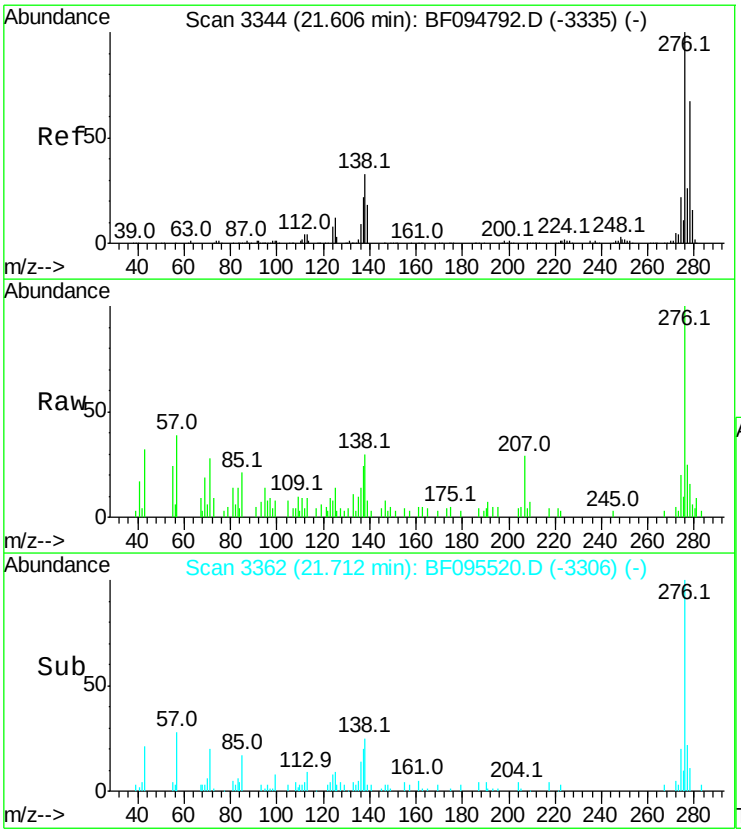
#82
Chrysene
Concen: 5.68 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 69764

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	22.9	15.8	23.6

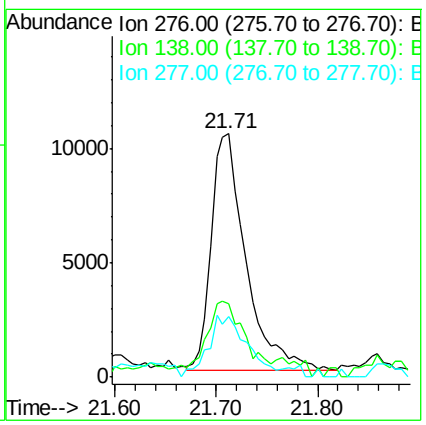


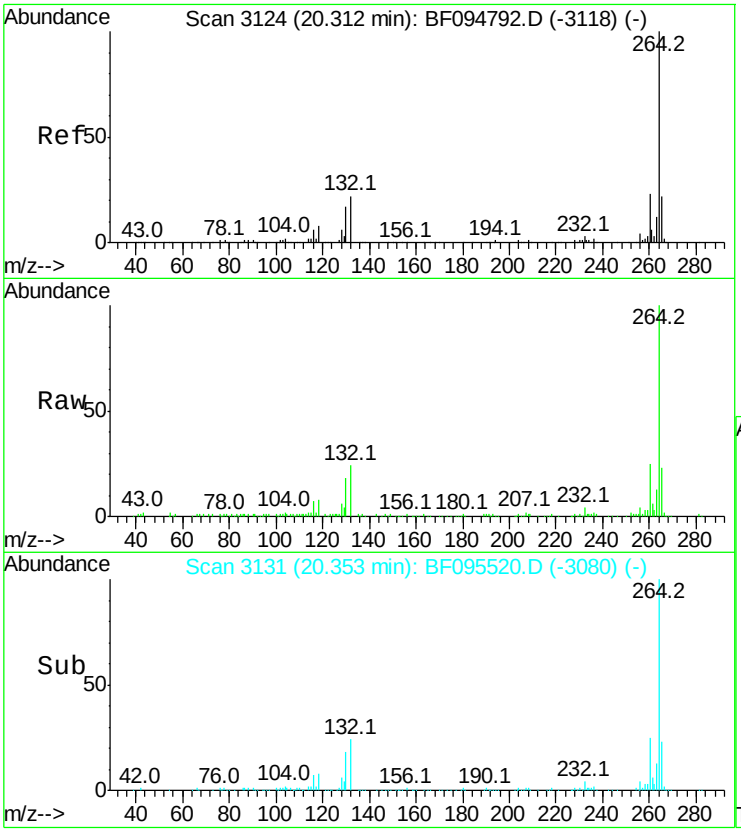


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.44 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.03 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:276 Resp: 24375

Ion	Ratio	Lower	Upper
276	100		
138	27.4	27.8	41.6#
277	29.2	20.2	30.4



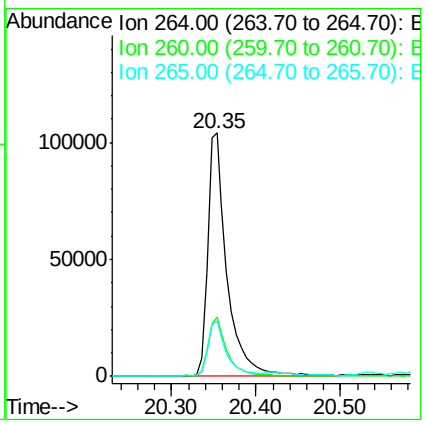


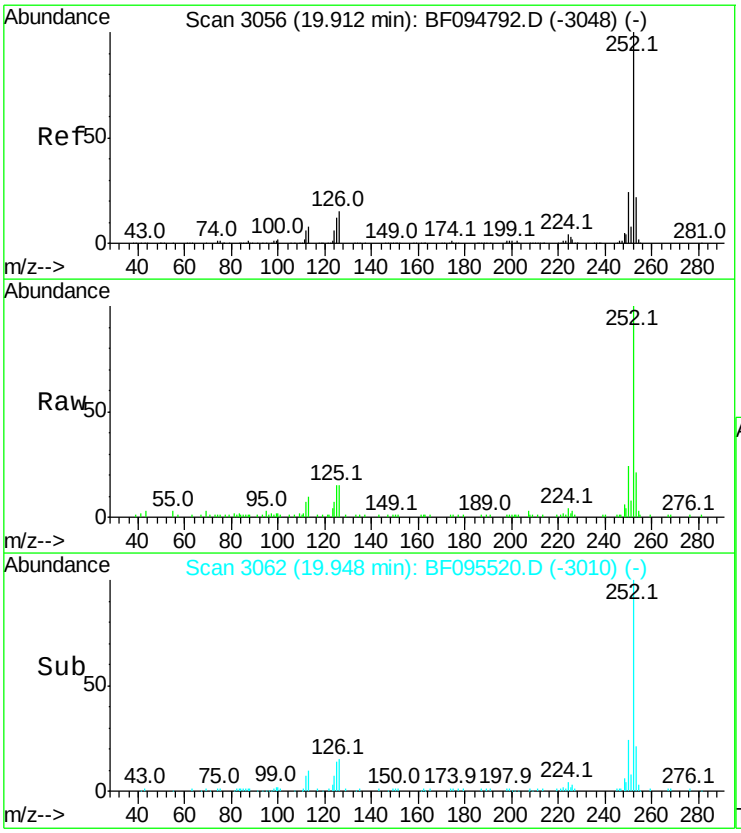
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167013

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.9	17.2	25.8

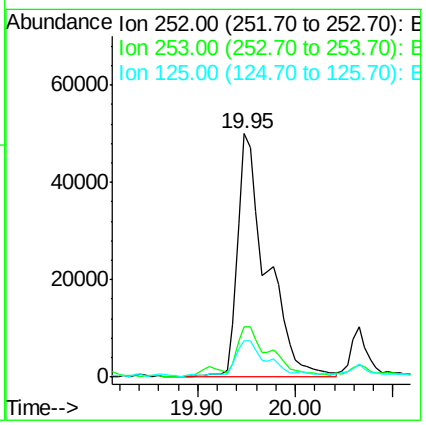


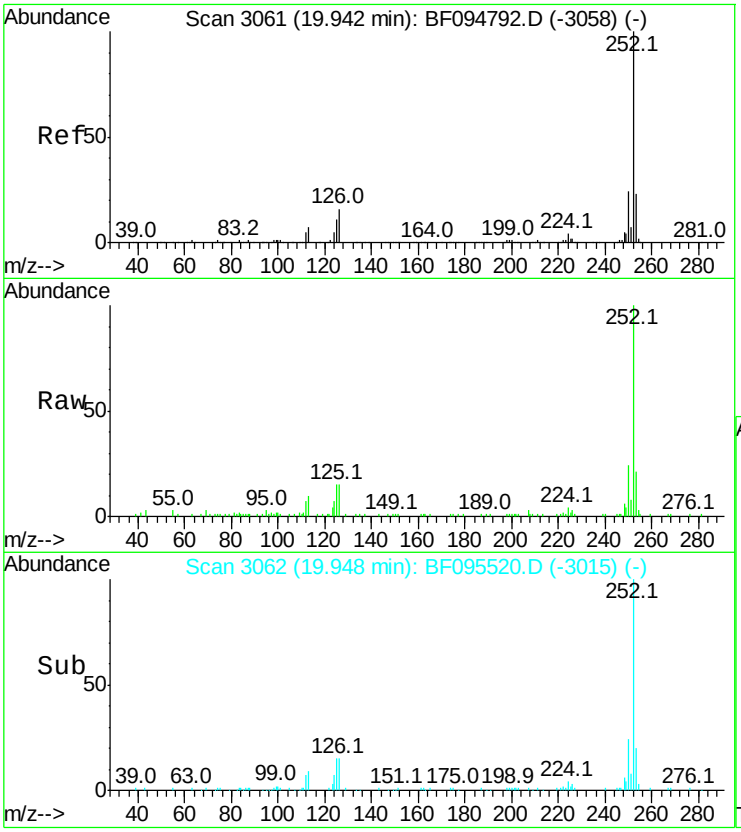


#87
Benzo(b)fluoranthene
Concen: 10.07 ng
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:252 Resp: 103969

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	14.7	9.8	14.8



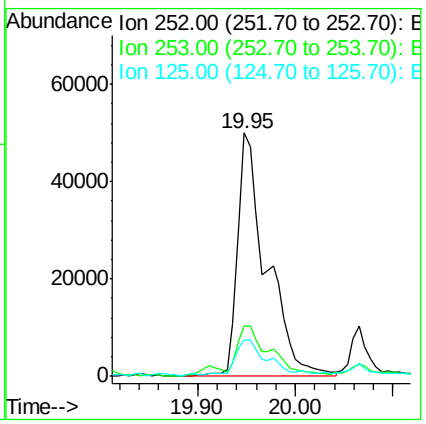


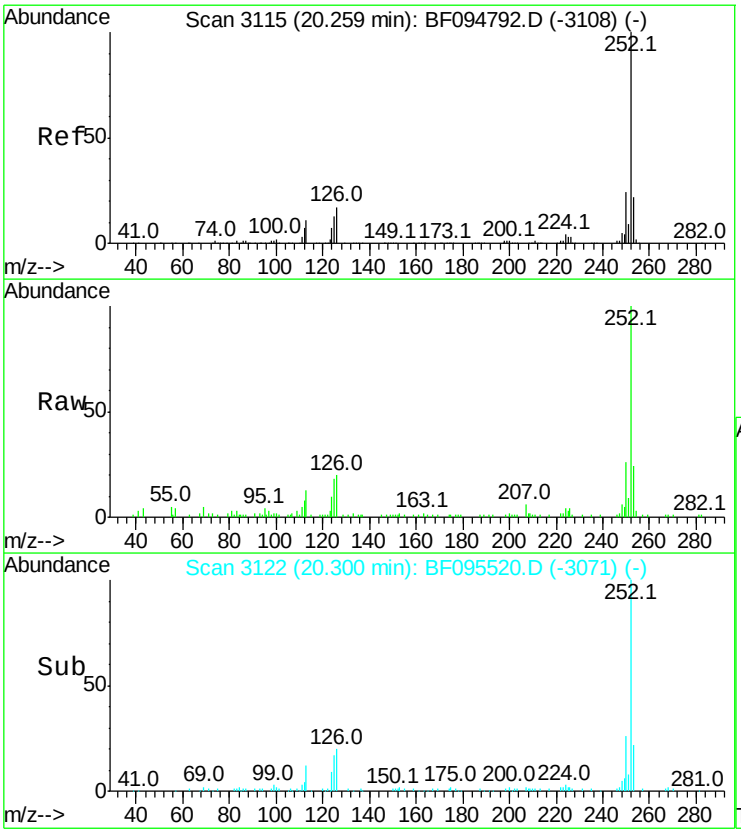
#88
Benzo(k)fluoranthene
Concen: 10.44 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 103969

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.4	27.6
125	14.7	13.1	19.7

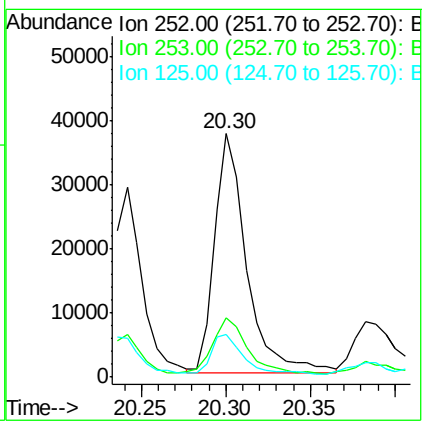


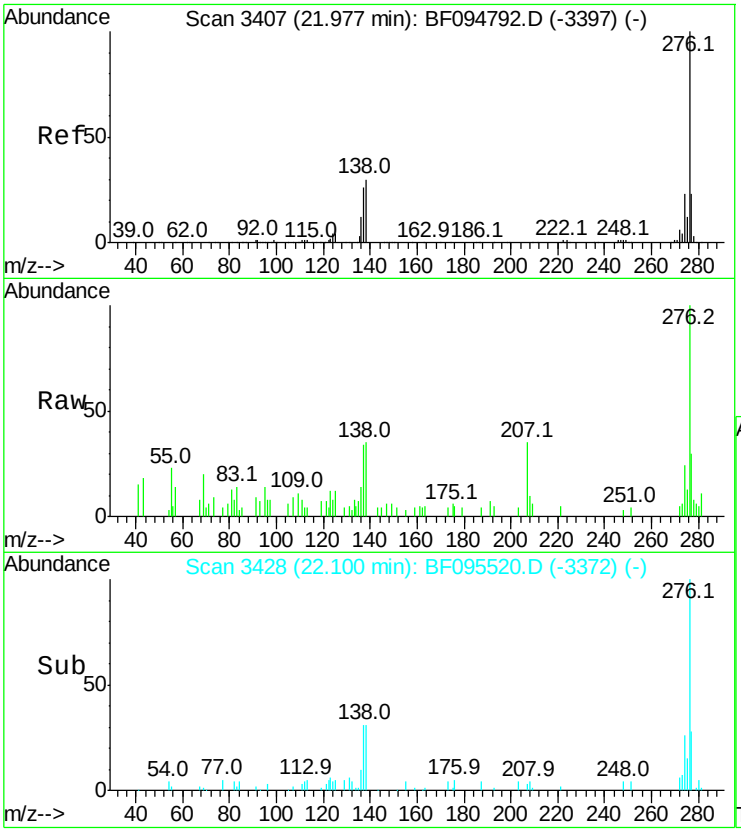


#89
Benzo(a)pyrene
Concen: 5.20 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:252 Resp: 49482

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	17.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.32 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.03 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25621

Ion	Ratio	Lower	Upper
276	100		
277	30.0	18.6	28.0#
138	34.6	25.4	38.0