Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095284.D
Acq On : 20 May 2017 2:28
Operator : SJ/MA
Sample : I3189-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 20 05:11:31 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	101372	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	380590	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	155415	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	245759	20.00	ng		0.00
75) Chrysene-d12	18.69	240	189462	20.00	ng		0.00
86) Perylene-d12	20.37	264	139657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	621784	102.26	ng		0.00
7) Phenol-d6	7.30	99	767105	105.15	ng		-0.01
23) Nitrobenzene-d5	8.66	82	415219	68.80	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	124039	97.45	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	773597	71.64	ng		-0.01
78) Terphenyl-d14	17.33	244	437468	50.86	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.32	94	17998	2.34	ng	#	59
19) n-Nitroso-di-n-propylamine	8.66	70	47272	9.58	ng	#	75
49) Dimethylphthalate	12.25	163	177433	13.91	ng		98
70) Phenanthrene	15.05	178	222471	15.76	ng		96
71) Anthracene	15.05	178	222471	15.42	ng		96
74) Fluoranthene	16.79	202	209172	14.44	ng		98
77) Pyrene	17.10	202	170554	12.04	ng		95
80) Benzo(a)anthracene	18.68	228	68680	6.23	ng		95
82) Chrysene	18.72	228	67279	6.31	ng		98
87) Benzo(b)fluoranthene	19.96	252	81298	9.42	ng	#	95
88) Benzo(k)fluoranthene	19.96	252	81298	9.77	ng		98
89) Benzo(a)pyrene	20.31	252	38701	4.86	ng	#	90
91) Benzo(g,h,i)perylene	22.11	276	17305	2.68	ng	#	83

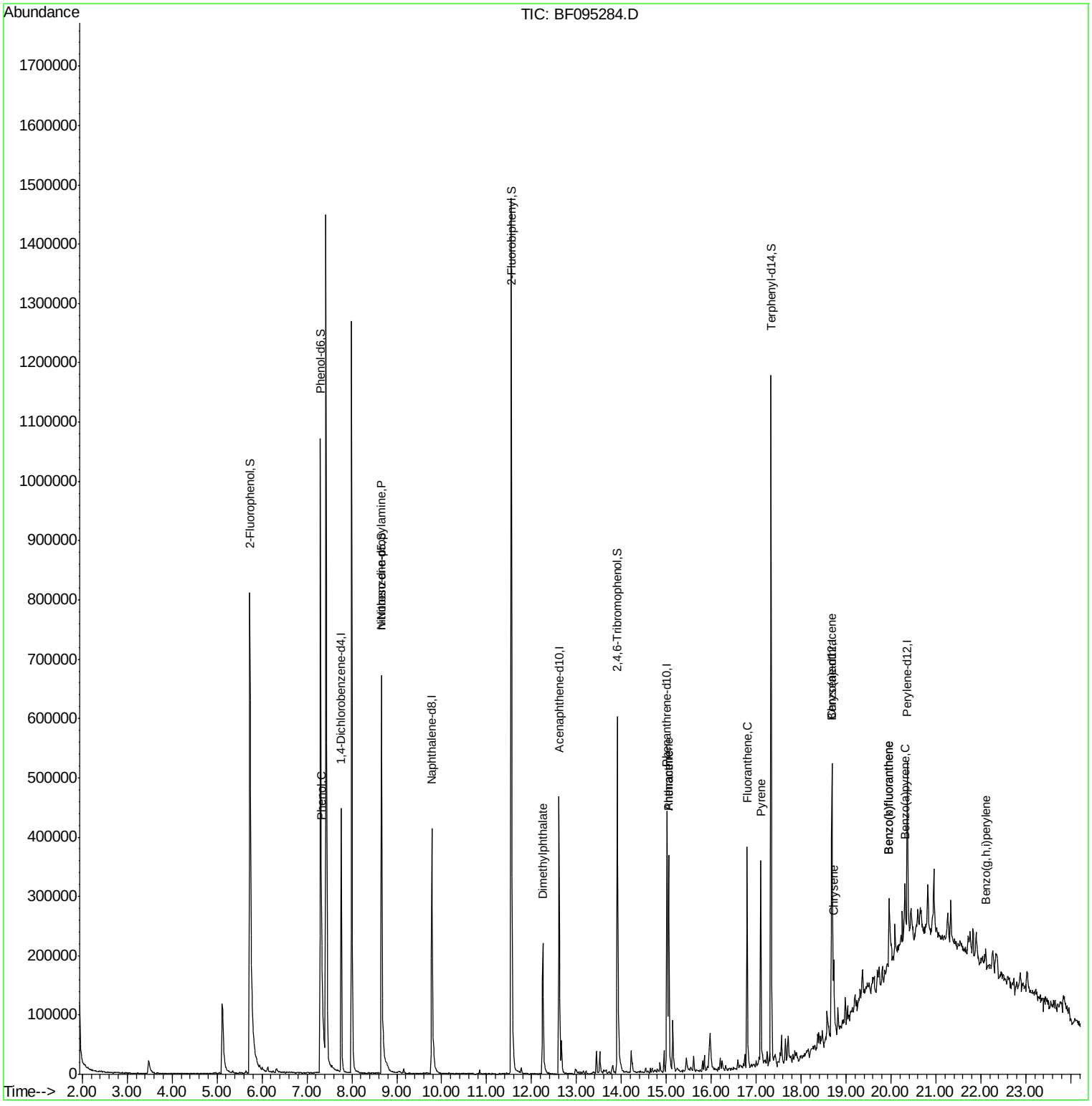
(#) = qualifier out of range (m) = manual integration (+) = signals summed

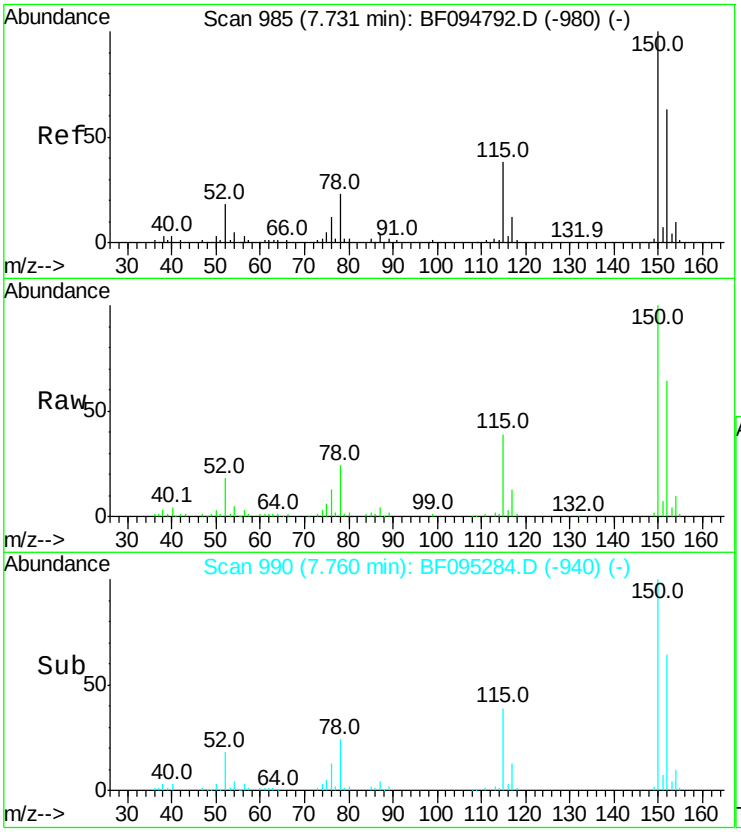
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095284.D
Acq On : 20 May 2017 2:28
Operator : SJ/MA
Sample : I3189-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 05:11:31 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



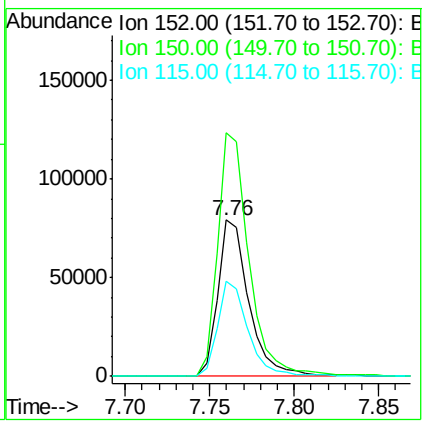


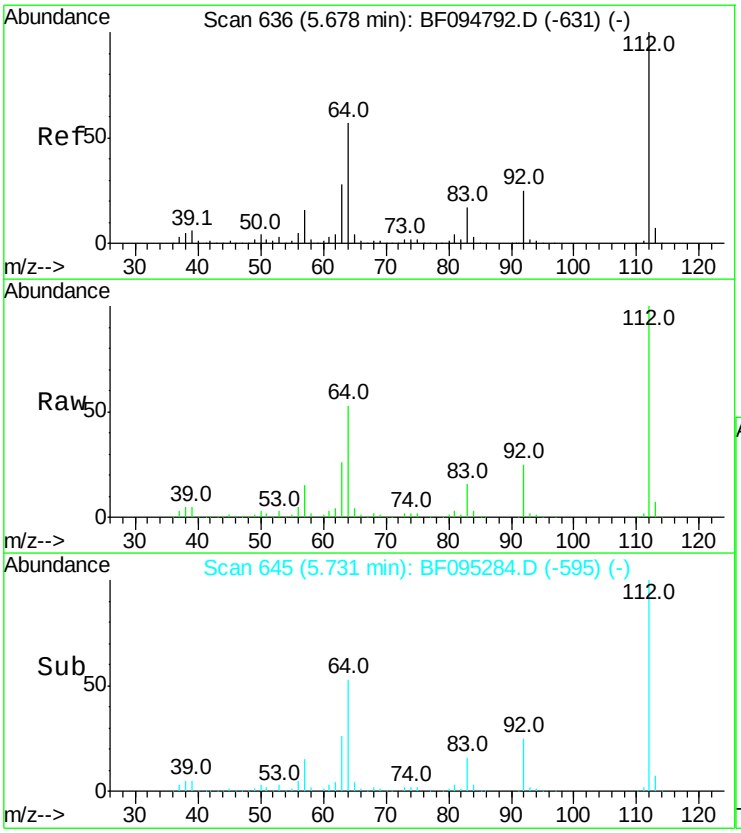
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101372

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	61.3	52.2	78.2

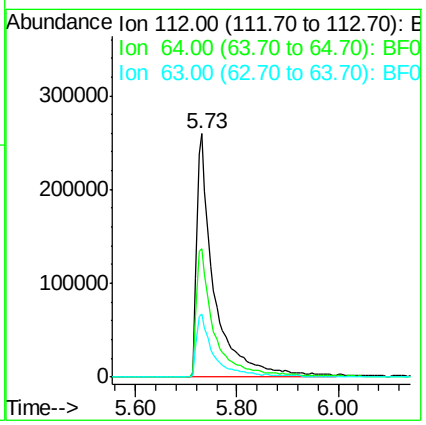


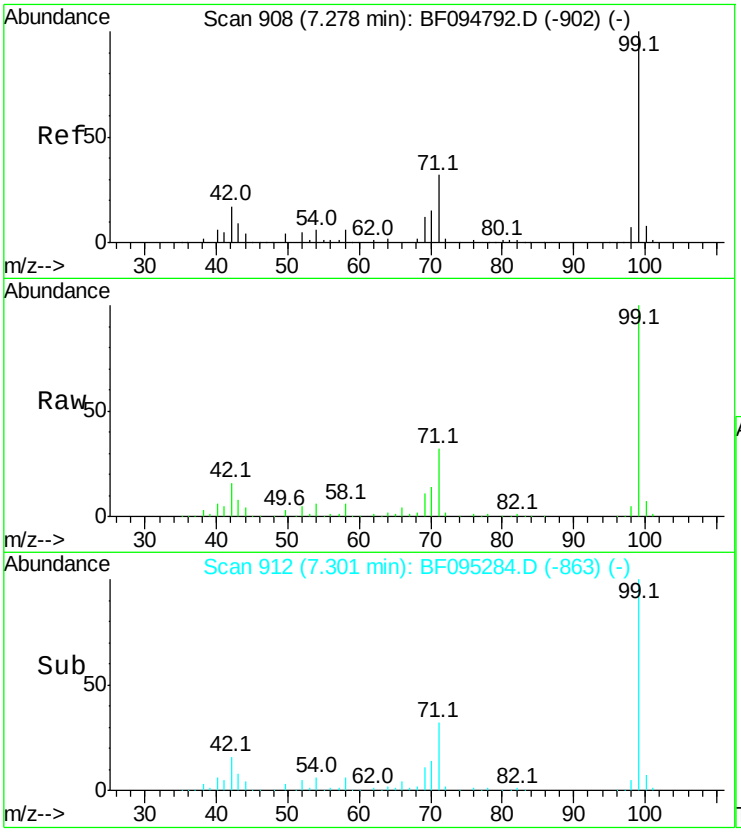


#5
2-Fluorophenol
Concen: 102.26 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:112 Resp: 621784

Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.0	69.0
63	25.8	23.4	35.0



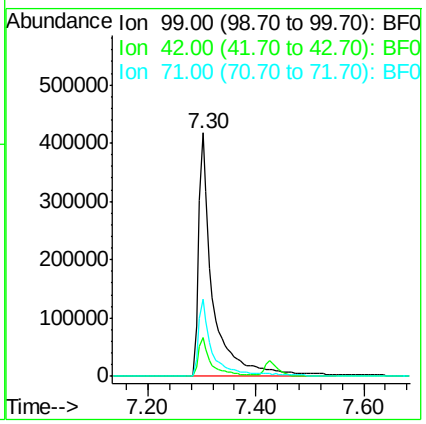


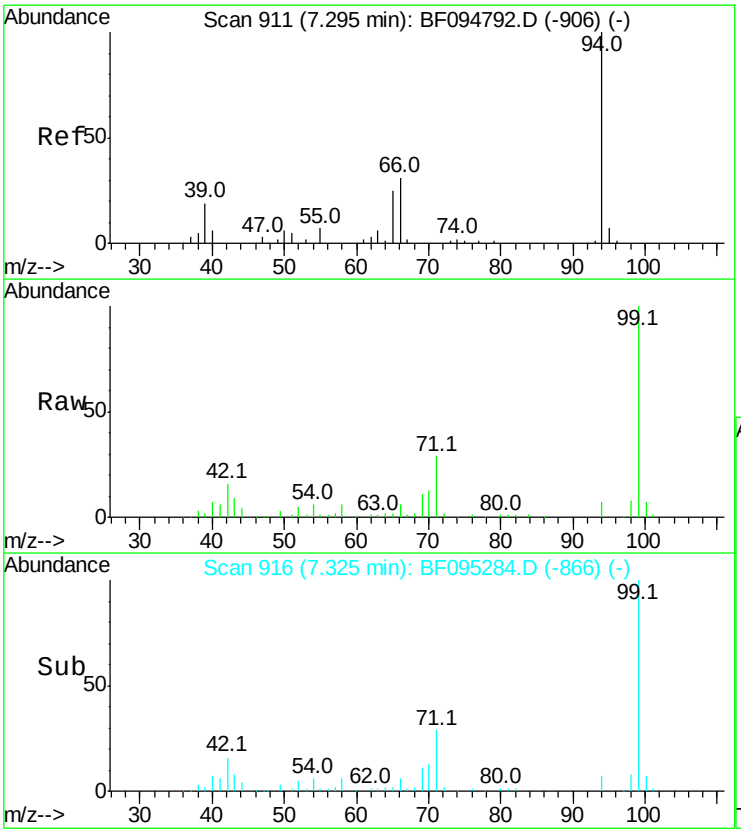
#7
Phenol-d6
Concen: 105.15 ng
RT: 7.30 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 767105

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.8	24.5	36.7

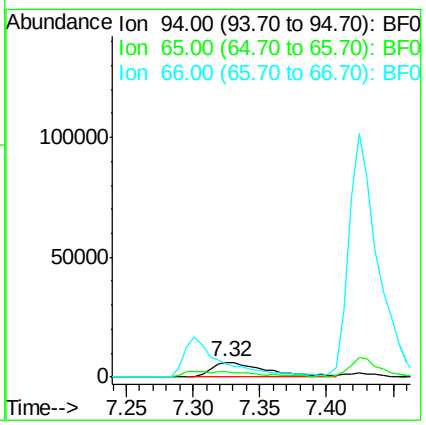


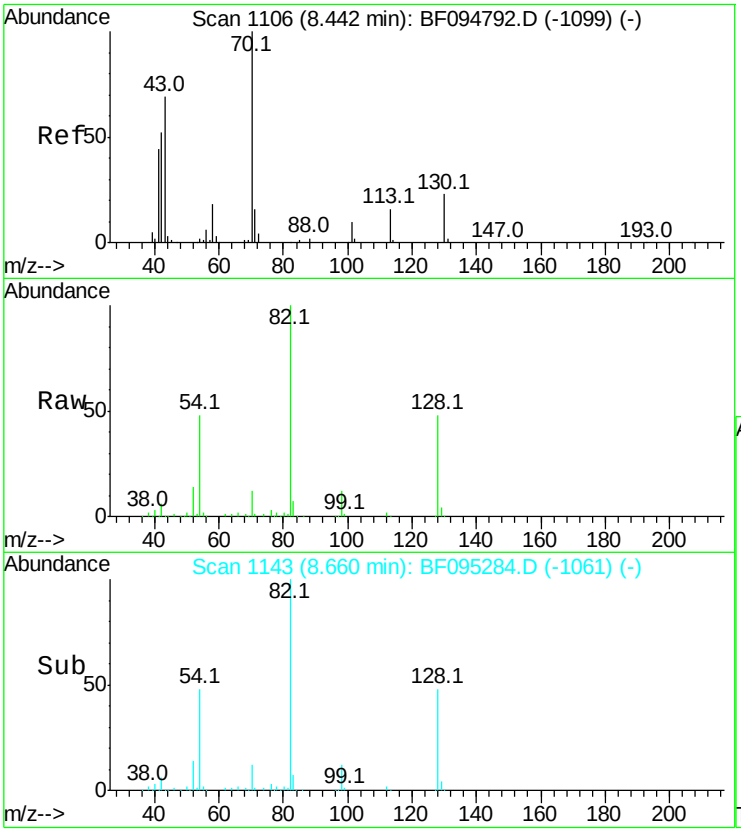


#10
Phenol
Concen: 2.34 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion: 94 Resp: 17998

Ion	Ratio	Lower	Upper
94	100		
65	33.8	9.9	49.9
66	84.0	23.1	63.1#



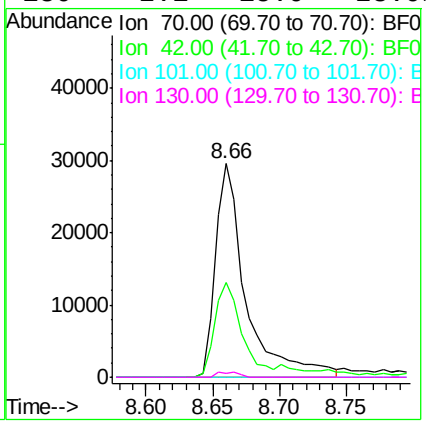


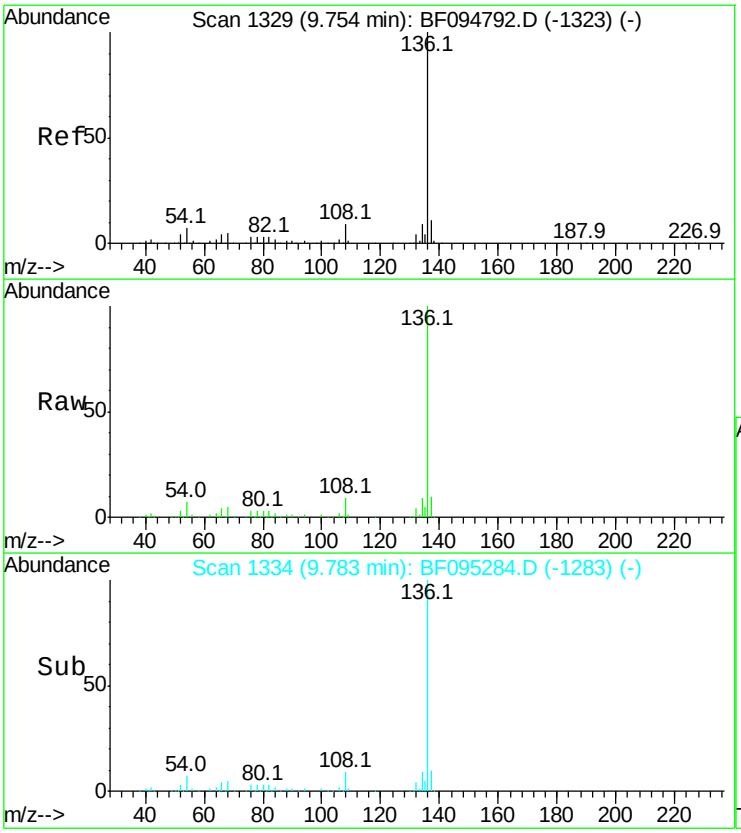
#19
n-Nitroso-di-n-propylamine
Concen: 9.58 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 47272

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

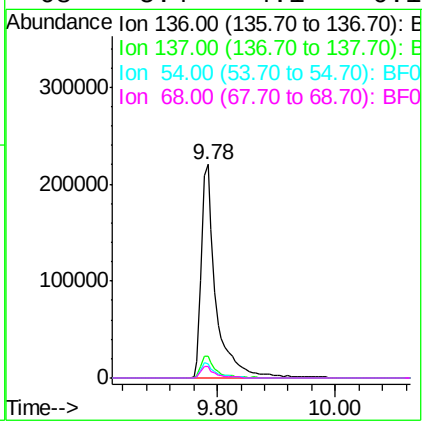


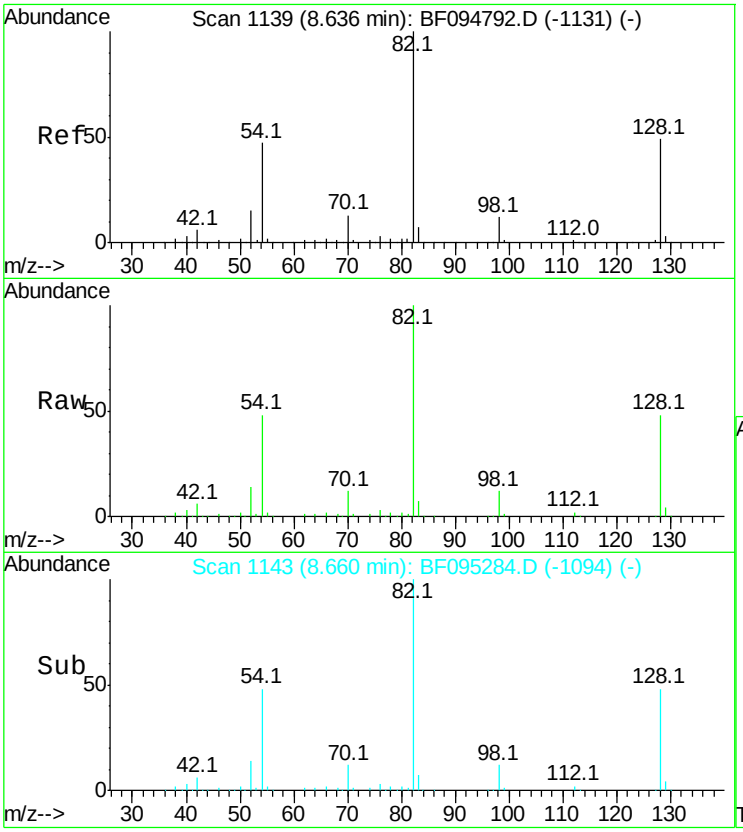


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:136 Resp: 380590

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.5	4.9	7.3
68	5.4	4.1	6.1

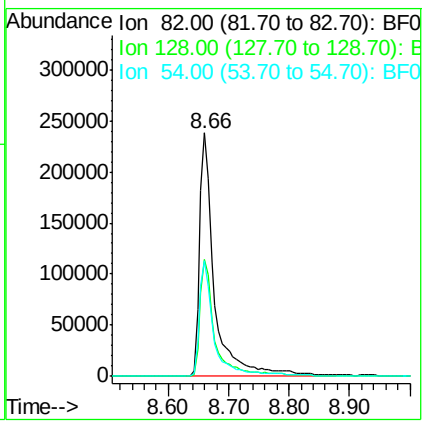




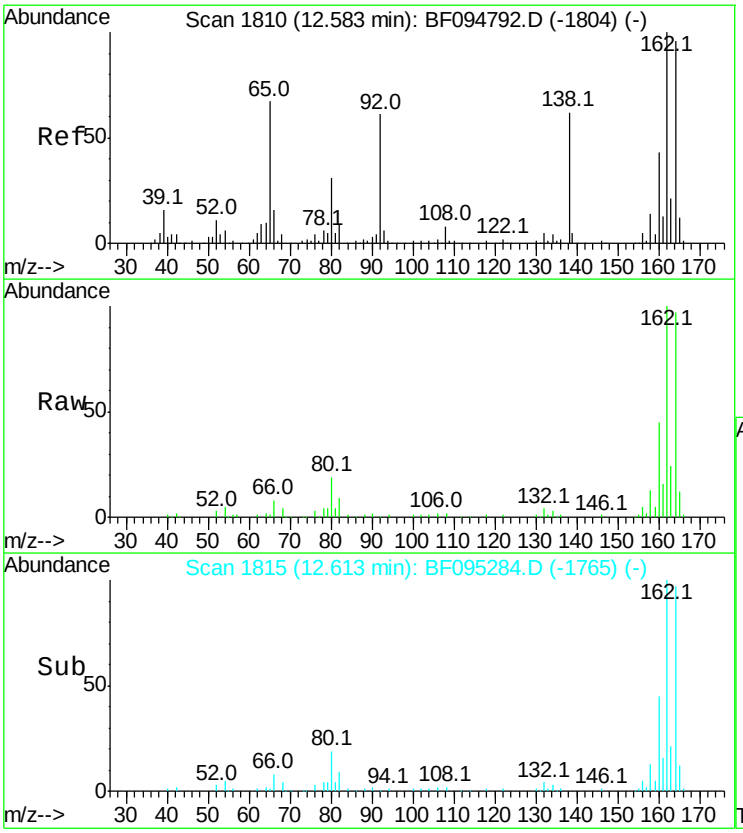
#23
Nitrobenzene-d5
Concen: 68.80 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion: 82 Resp: 415219

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	47.5	42.2	63.2



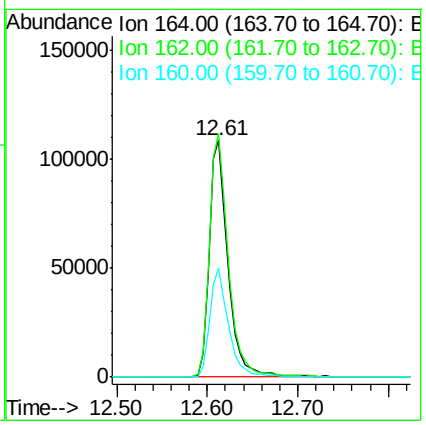
Instrument :
BNA_F
ClientSampleId :

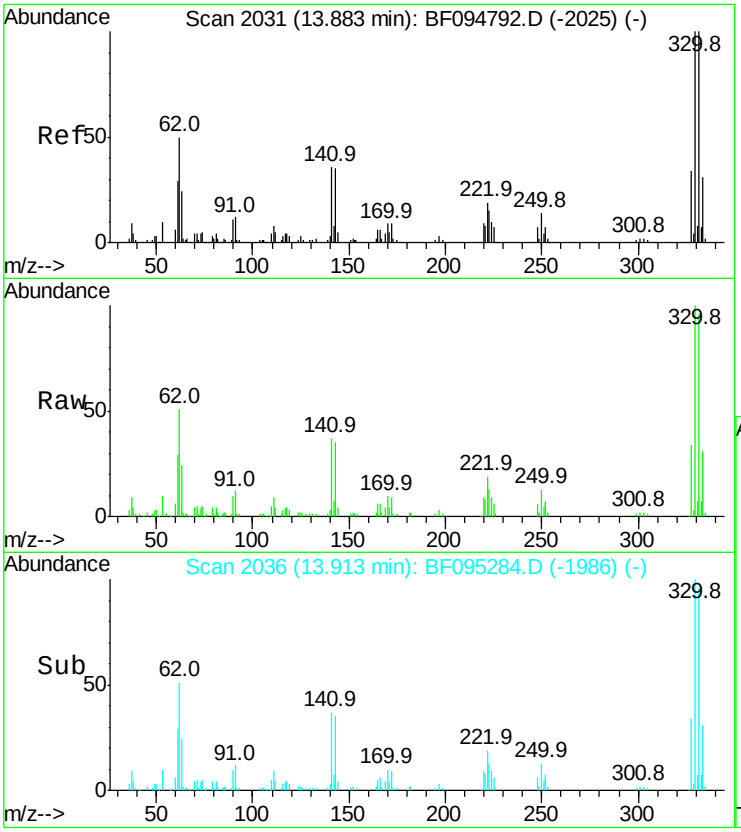


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:164 Resp: 155415

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	46.0	36.2	54.2



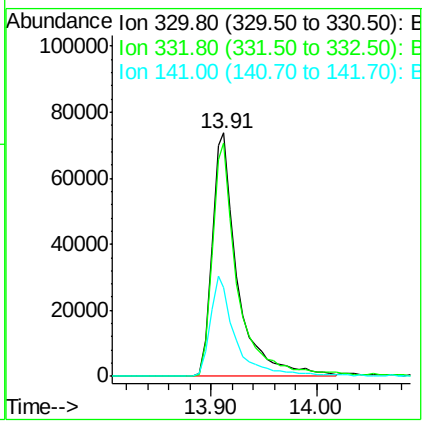


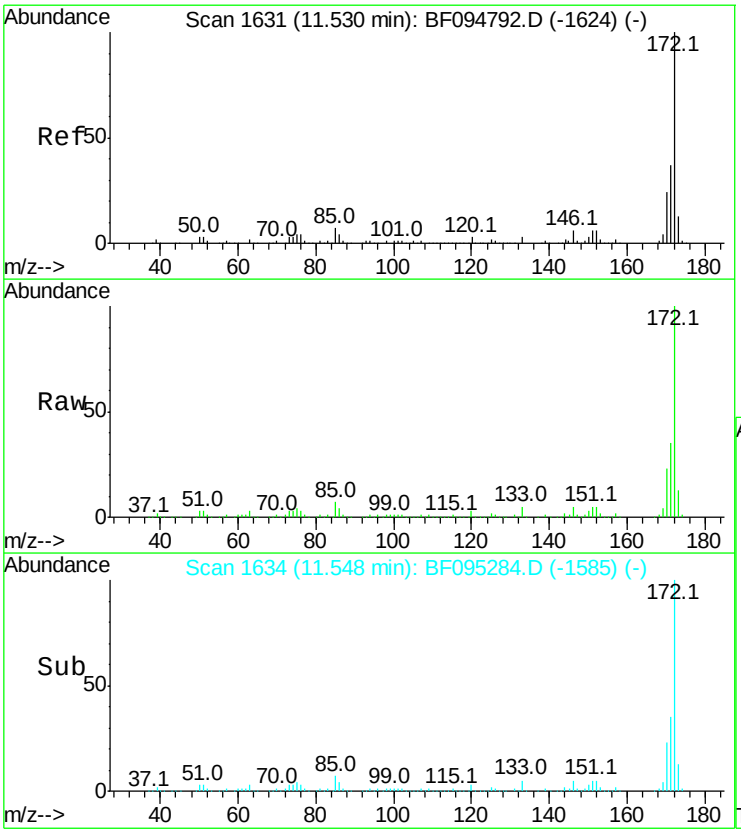
#41
2,4,6-Tribromophenol
Concen: 97.45 ng
RT: 13.91 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 124039

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	41.1	31.4	47.2

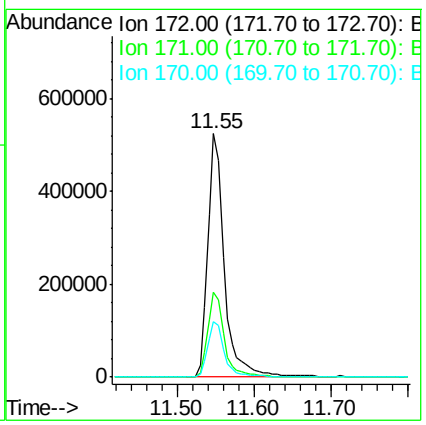


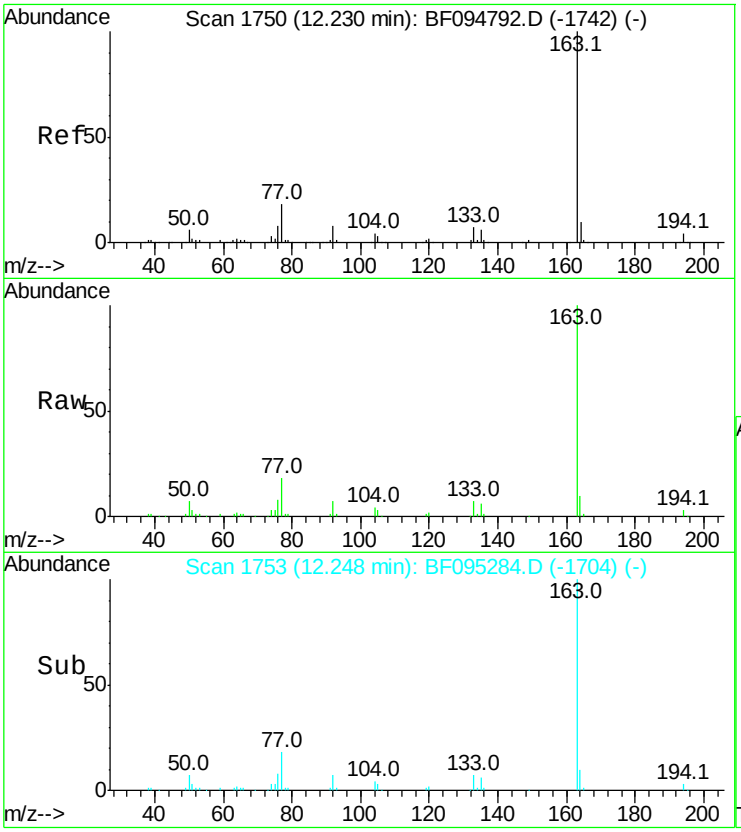


#44
2-Fluorobiphenyl
Concen: 71.64 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:172 Resp: 773597

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.7	19.8	29.8



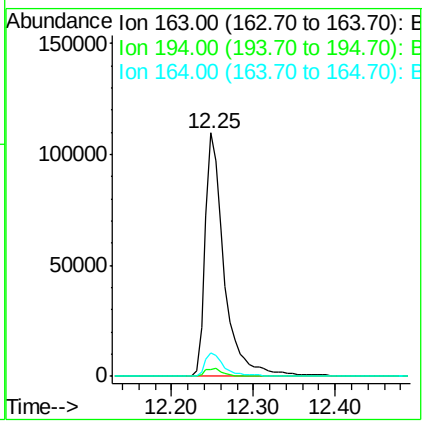


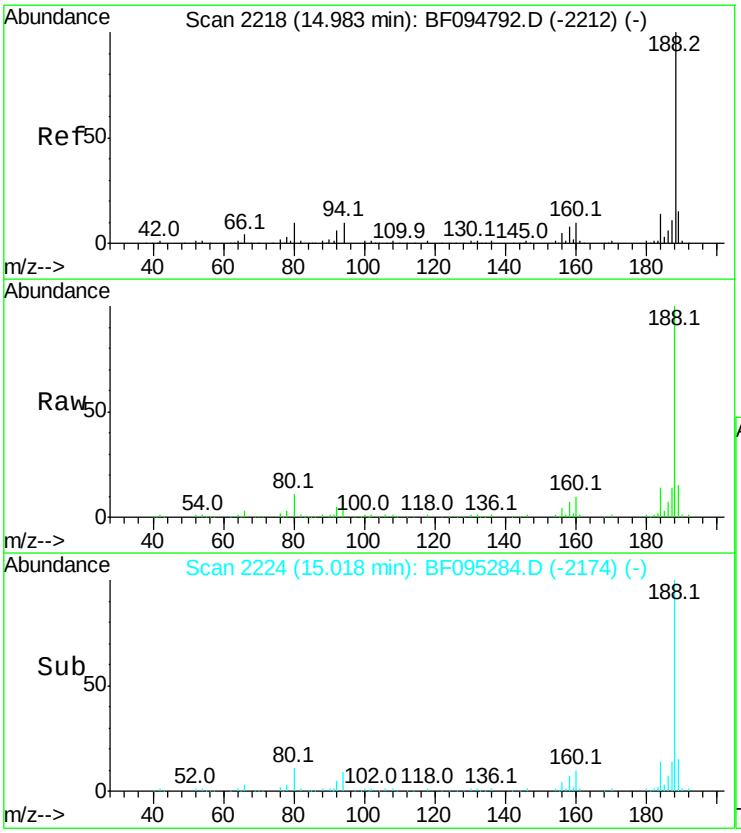
#49
Dimethylphthalate
Concen: 13.91 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 177433

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.6	8.4	12.6

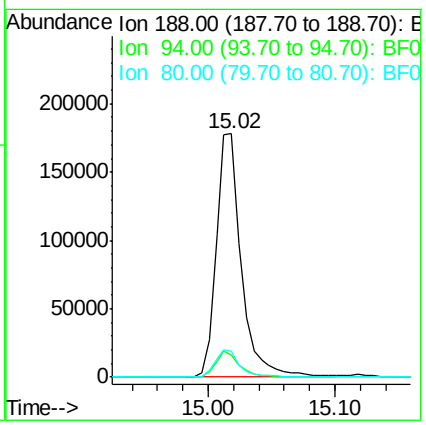


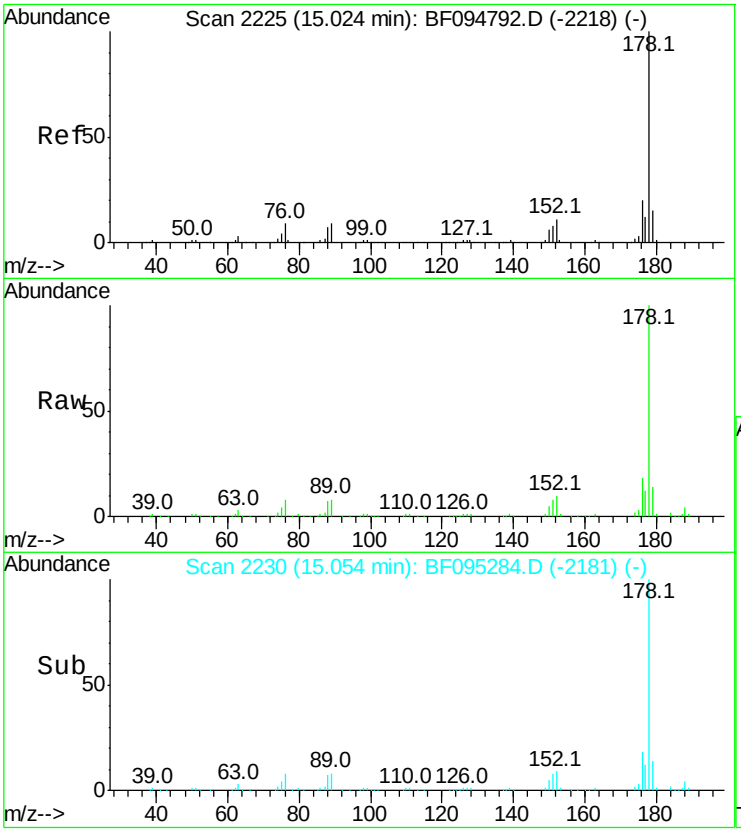


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:188 Resp: 245759

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.9	10.2	15.2



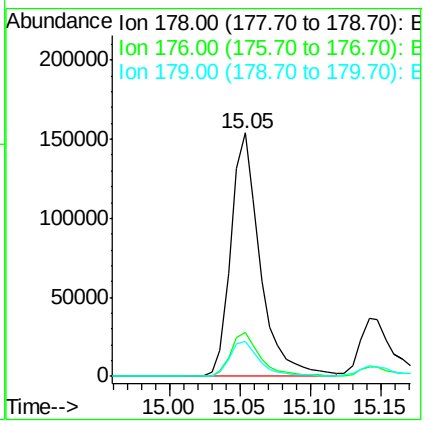


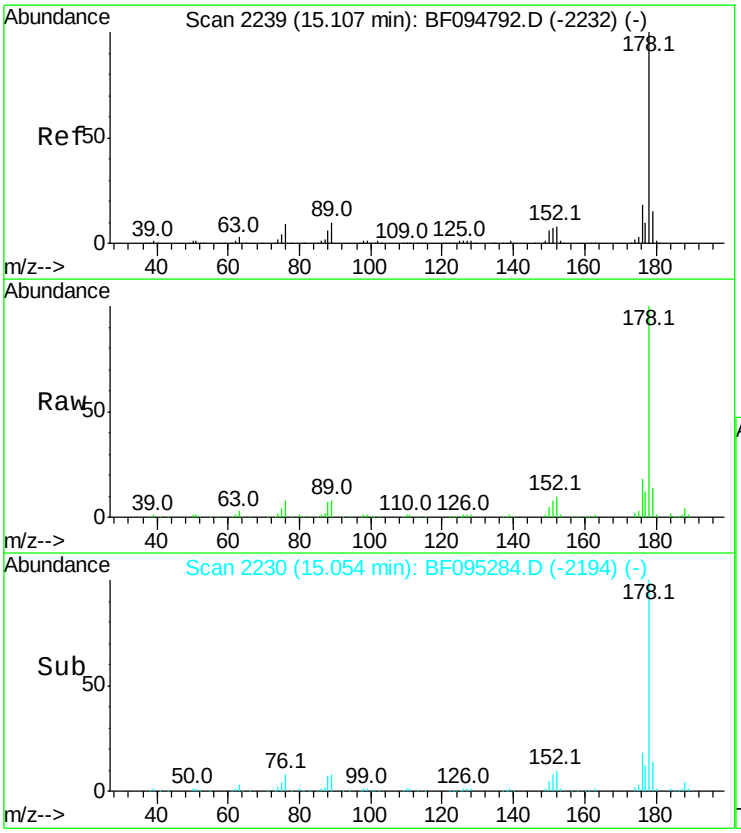
#70
Phenanthrene
Concen: 15.76 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 222471

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	14.4	12.6	19.0

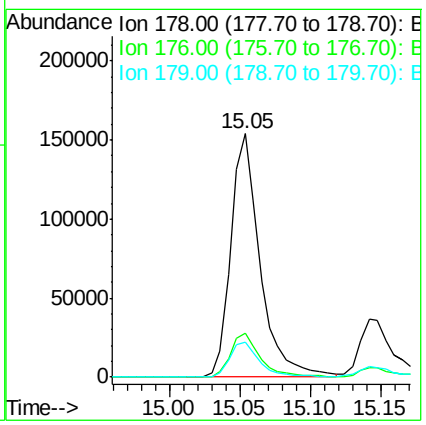


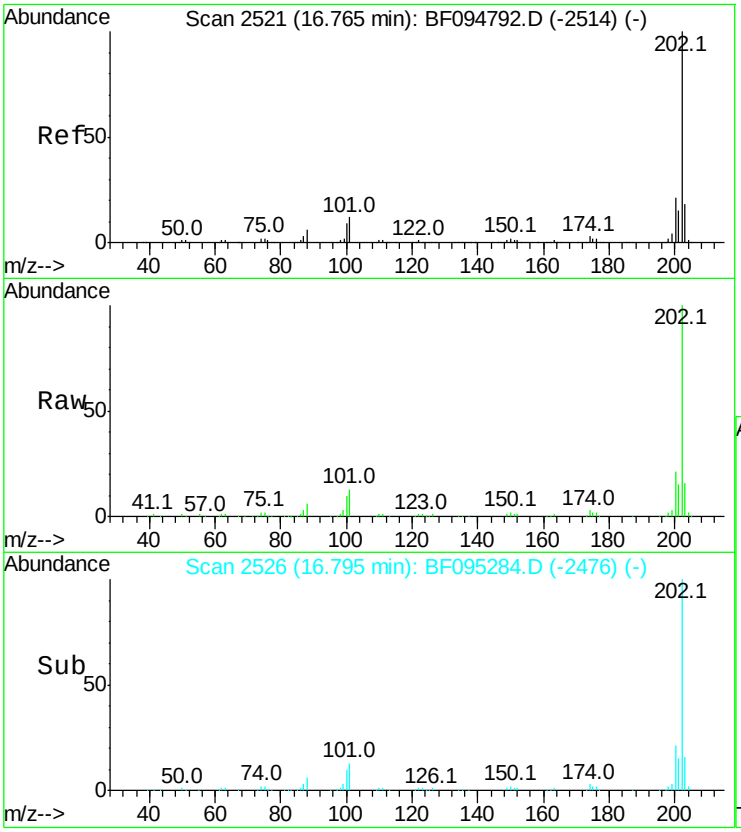


#71
Anthracene
Concen: 15.42 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.09 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:178 Resp: 222471

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	14.4	12.7	19.1



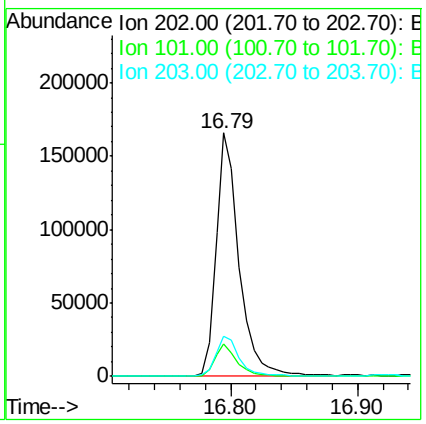


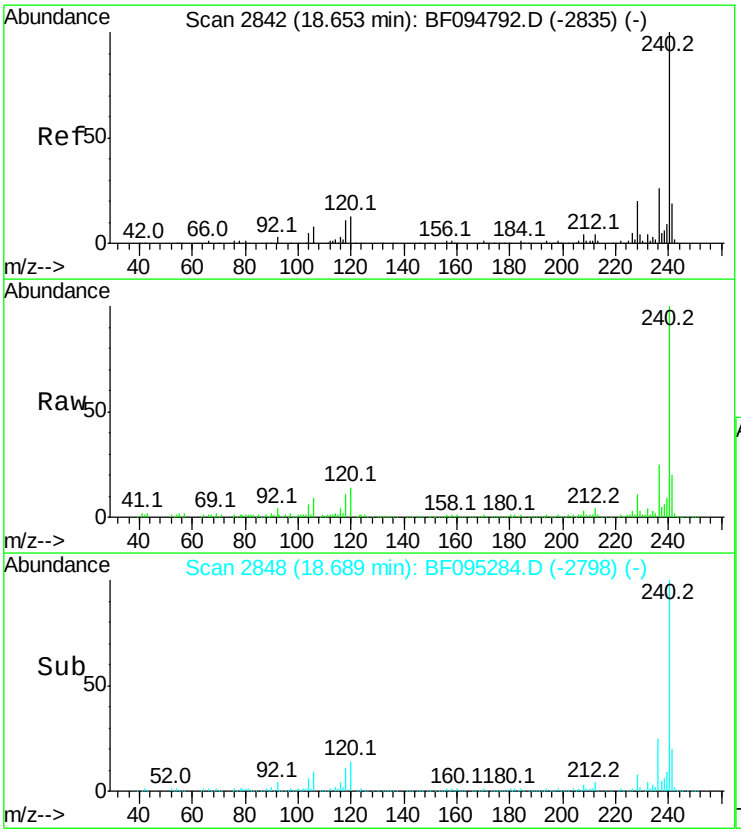
#74
Fluoranthene
Concen: 14.44 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 209172

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	16.4	0.0	38.1

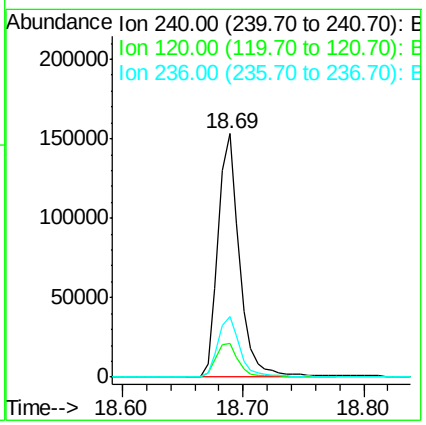


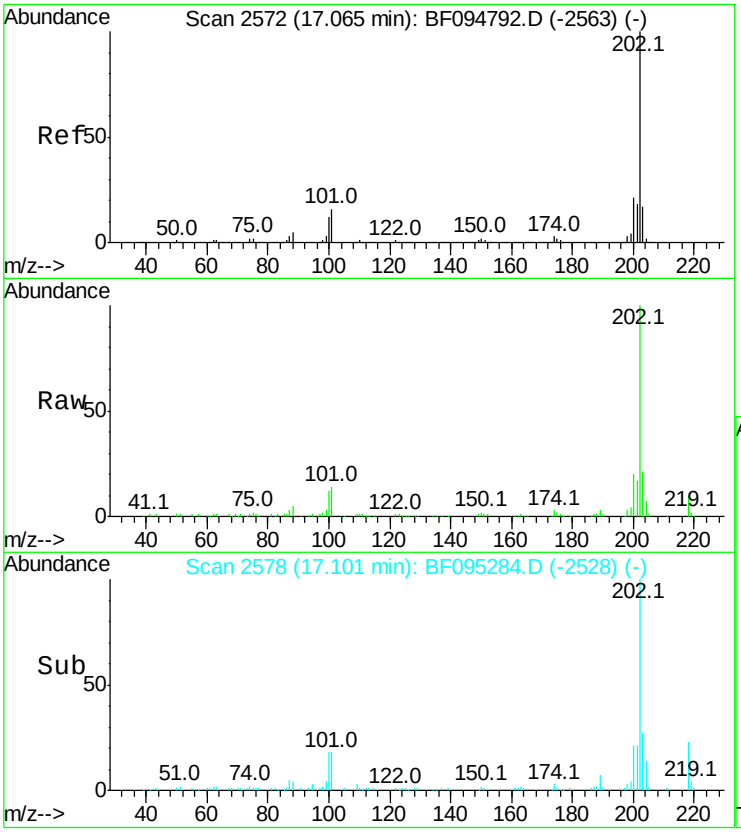


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:240 Resp: 189462

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.0	20.5	30.7



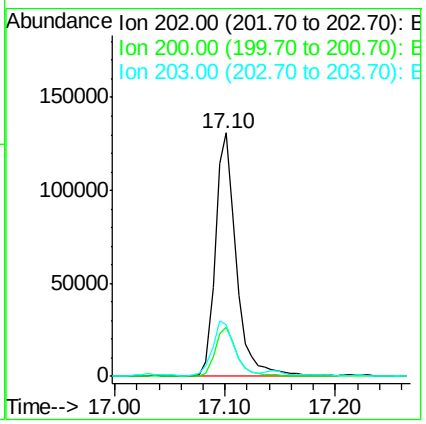


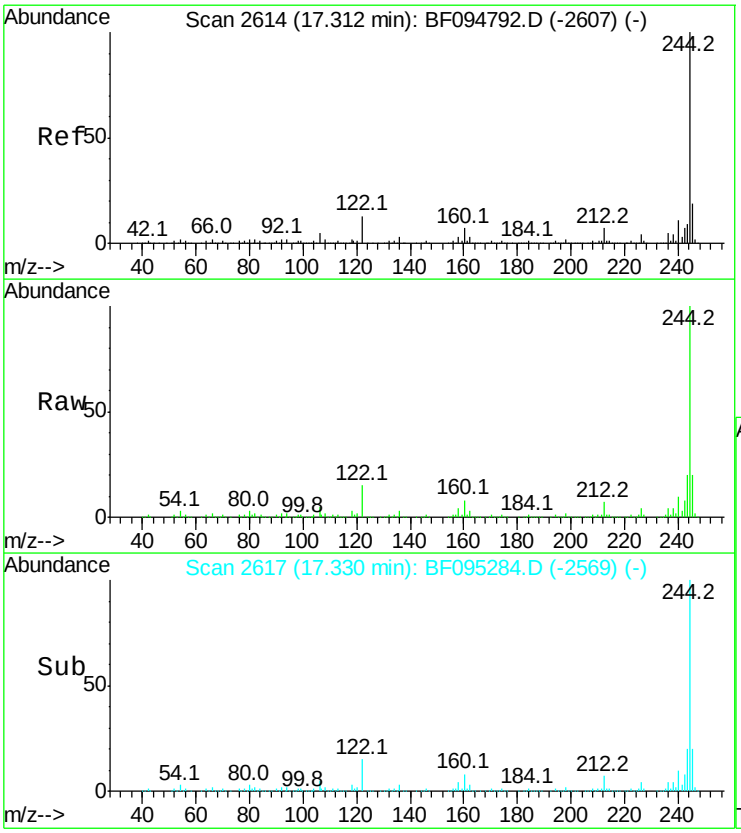
#77
Pyrene
Concen: 12.04 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 170554

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	21.0	14.4	21.6

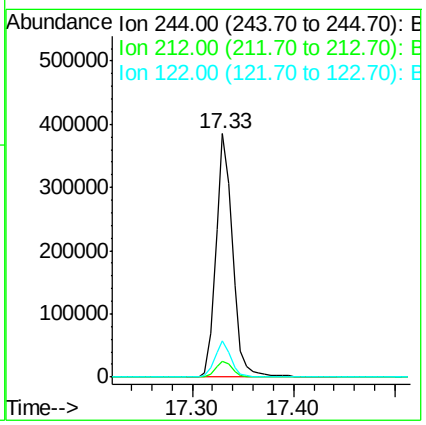


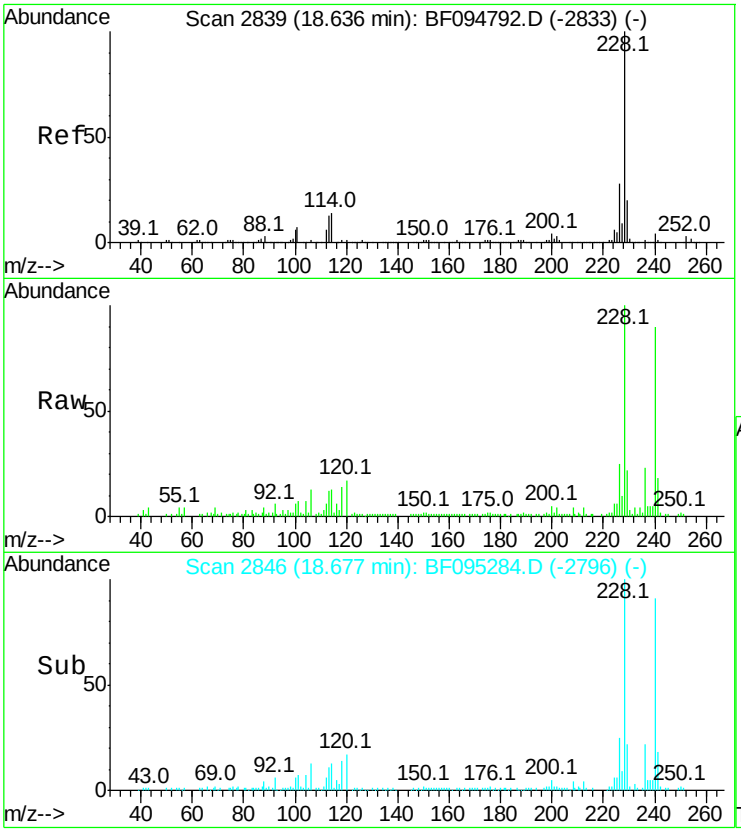


#78
Terphenyl-d14
Concen: 50.86 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:244 Resp: 437468

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.9	10.3	15.5



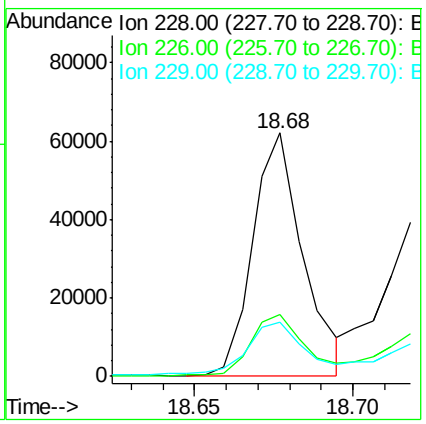


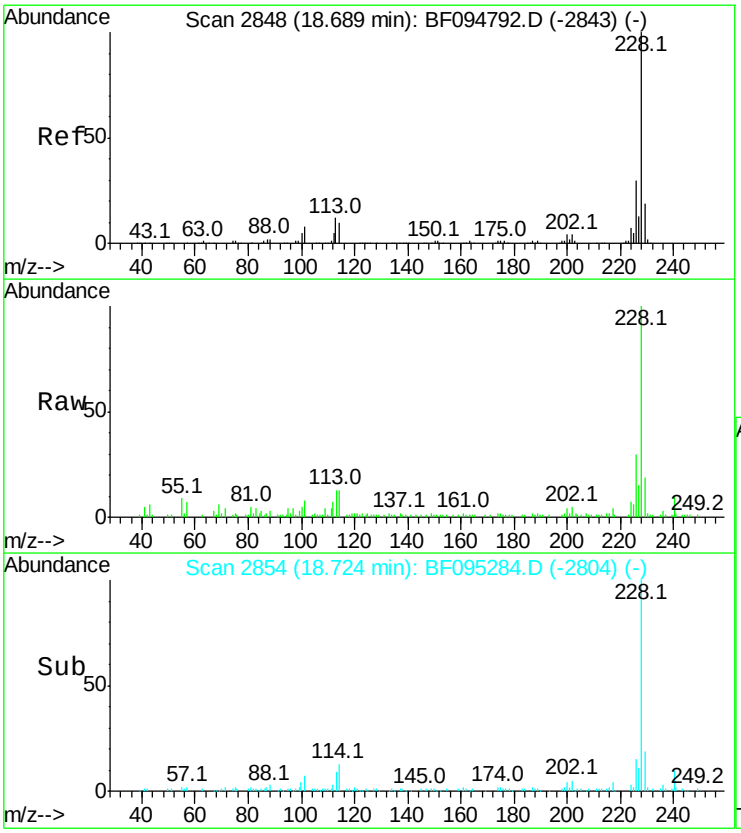
#80
Benzo(a)anthracene
Concen: 6.23 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 68680

Ion	Ratio	Lower	Upper
228	100		
226	25.2	22.6	33.8
229	22.4	16.3	24.5

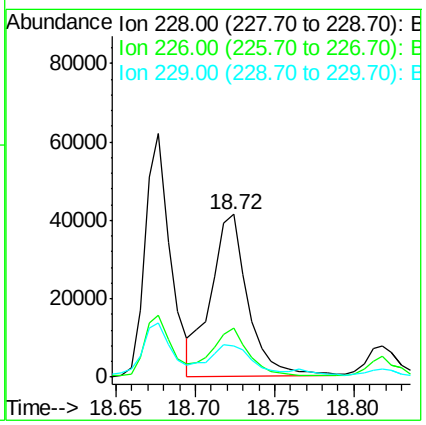


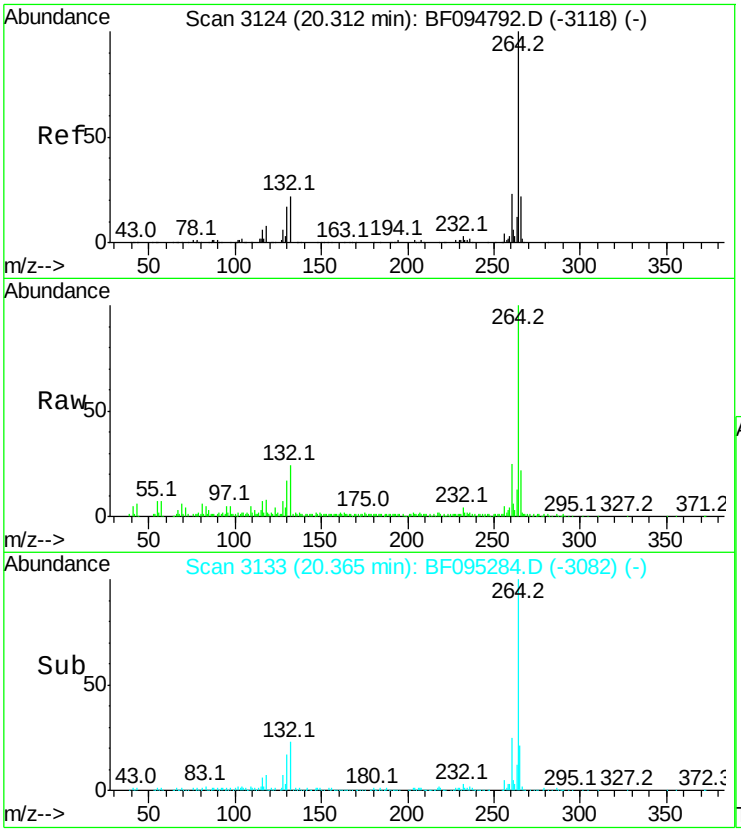


#82
Chrysene
Concen: 6.31 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:228 Resp: 67279

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.3	15.8	23.6



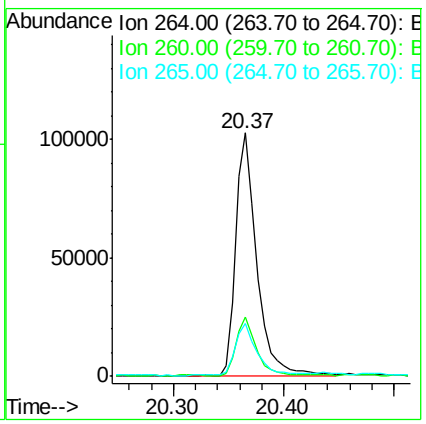


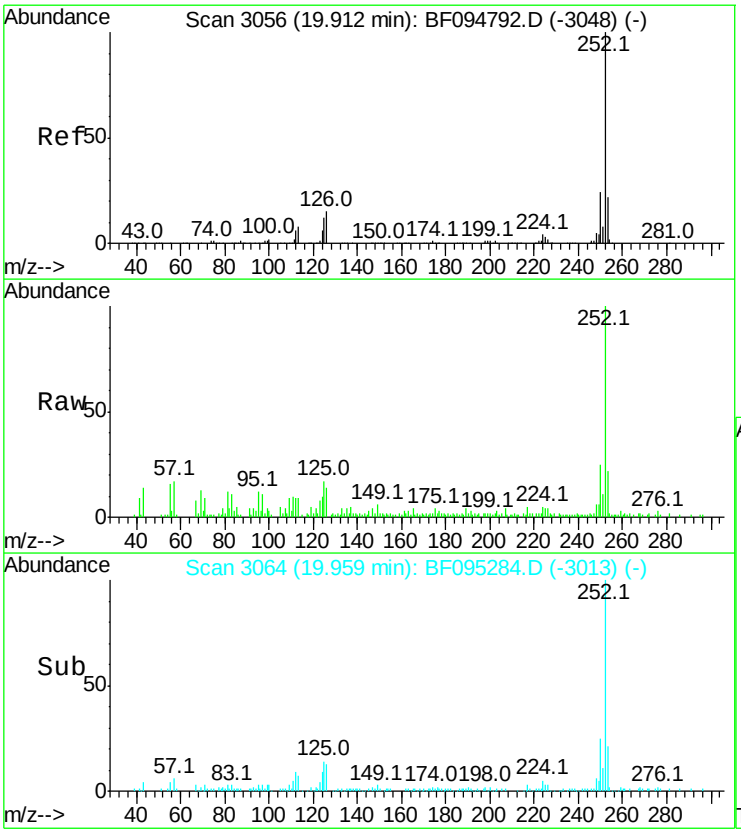
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 139657

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.9	17.2	25.8

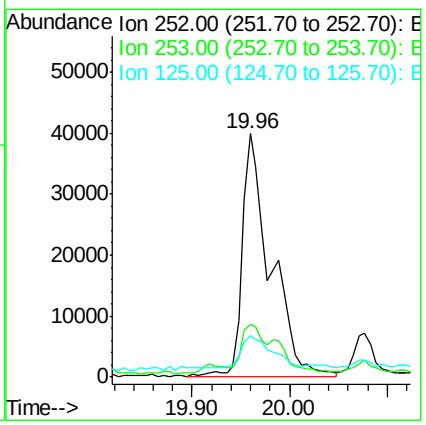


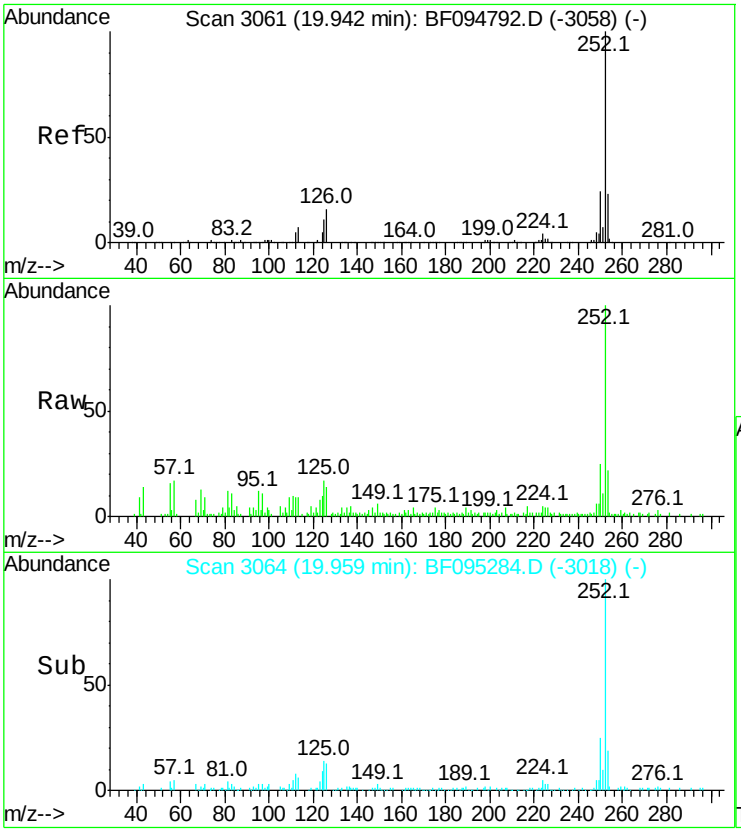


#87
Benzo(b)fluoranthene
Concen: 9.42 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:252 Resp: 81298

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	17.1	9.8	14.8#



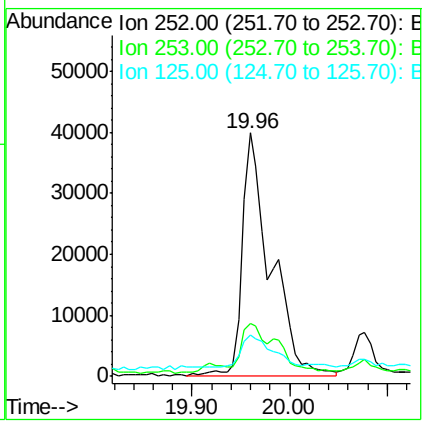


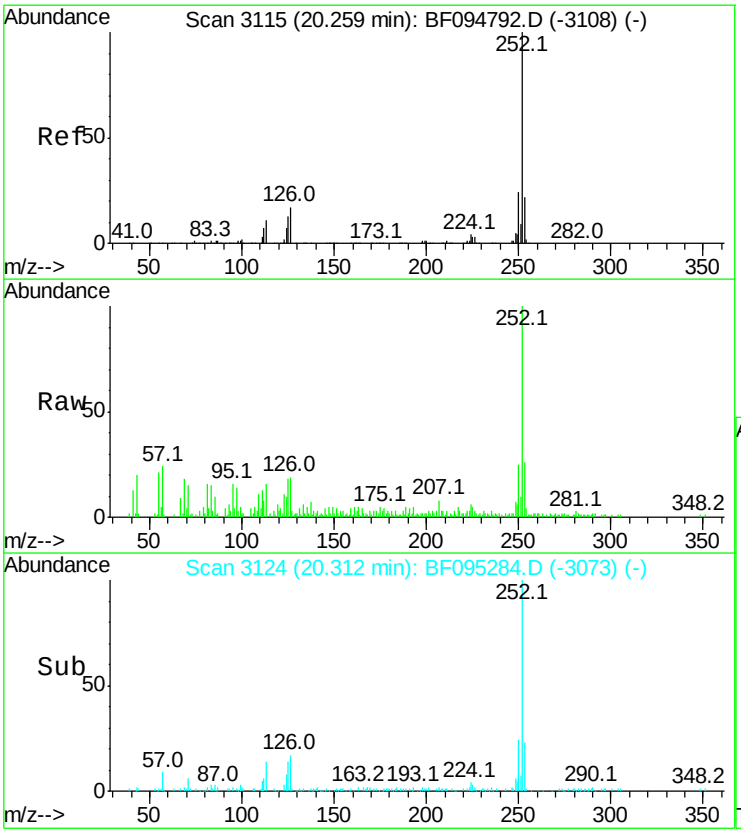
#88
Benzo(k)fluoranthene
Concen: 9.77 ng
RT: 19.96 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81298

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	17.1	13.1	19.7

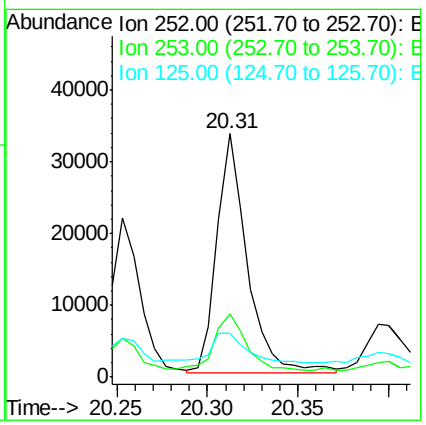


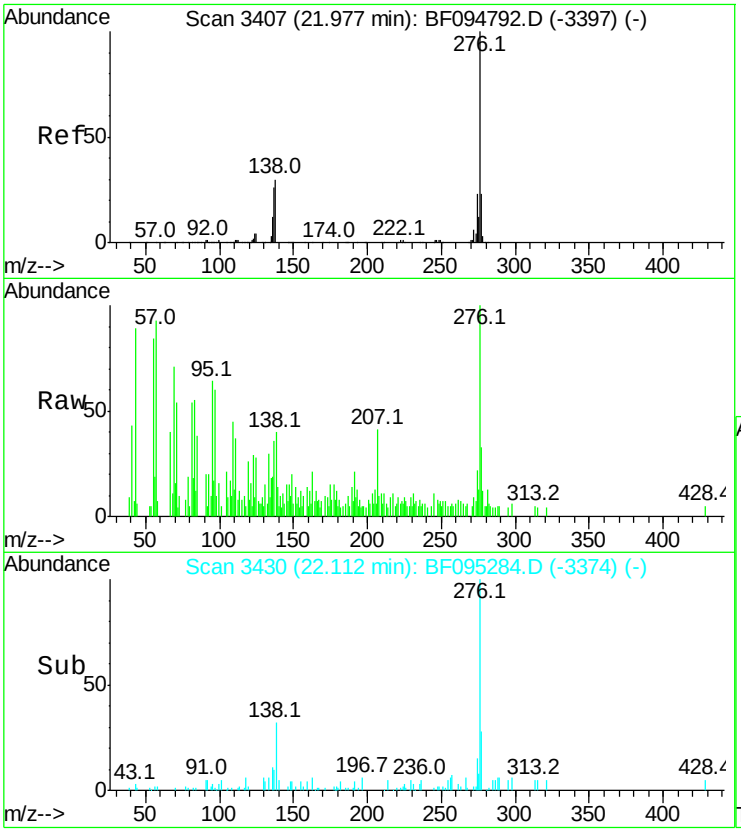


#89
Benzo(a)pyrene
Concen: 4.86 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion:252 Resp: 38701

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	18.2	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.68 ng
RT: 22.11 min Scan# 3430
Delta R.T. 0.03 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 17305

Ion	Ratio	Lower	Upper
276	100		
277	32.9	18.6	28.0#
138	40.4	25.4	38.0#