Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095208.D
Acq On : 18 May 2017 3:38
Operator : SJ/MA
Sample : I3182-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 18 04:37:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	81759	20.00	ng		0.04
21) Naphthalene-d8	9.78	136	320419	20.00	ng		0.03
38) Acenaphthene-d10	12.62	164	114035	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	193717	20.00	ng		0.04
75) Chrysene-d12	18.69	240	187247	20.00	ng		0.04
86) Perylene-d12	20.37	264	143976	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	71848	14.65	ng		0.11
7) Phenol-d6	7.35	99	87979	14.95	ng		0.07
23) Nitrobenzene-d5	8.68	82	48303	9.51	ng		0.04
41) 2,4,6-Tribromophenol	13.93	330	12973	13.89	ng		0.05
44) 2-Fluorobiphenyl	11.56	172	105015	13.25	ng		0.03
78) Terphenyl-d14	17.34	244	85400	10.05	ng		0.03
Target Compounds							Qvalue
18) Hexachloroethane	8.62	117	5447	2.50	ng	#	13
22) Acetophenone	8.41	105	21390	2.78	ng	#	51
32) Benzoic acid	9.65	122	425	5.21	ng	#	20
35) Caprolactam	10.58	113	14811	11.24	ng	#	79
49) Dimethylphthalate	12.26	163	19616	2.10	ng	#	92
70) Phenanthrene	15.06	178	72513	6.51	ng		99
71) Anthracene	15.15	178	26598	2.34	ng		97
74) Fluoranthene	16.80	202	284667	24.93	ng		99
77) Pyrene	17.11	202	271783	19.41	ng		98
80) Benzo(a)anthracene	18.68	228	125595	11.52	ng		99
82) Chrysene	18.72	228	123403	11.71	ng		97
85) Indeno(1,2,3-cd)pyrene	21.71	276	40251	4.70	ng		92
87) Benzo(b)fluoranthene	19.97	252	154298	17.34	ng	#	95
88) Benzo(k)fluoranthene	19.97	252	154298	17.98	ng		98
89) Benzo(a)pyrene	20.32	252	89580	10.91	ng		97
91) Benzo(g,h,i)perylene	22.10	276	38430	5.78	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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Misc :
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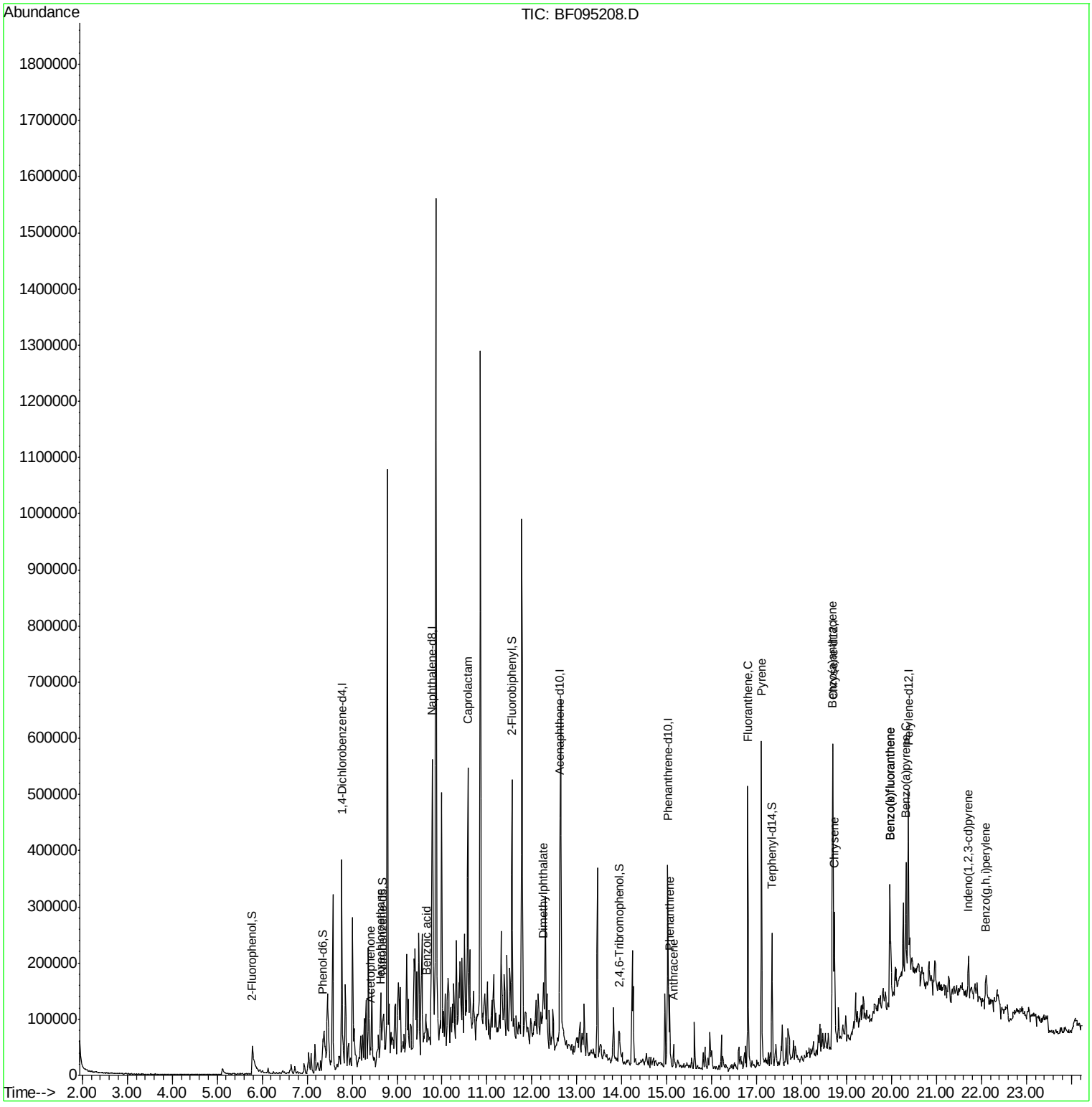
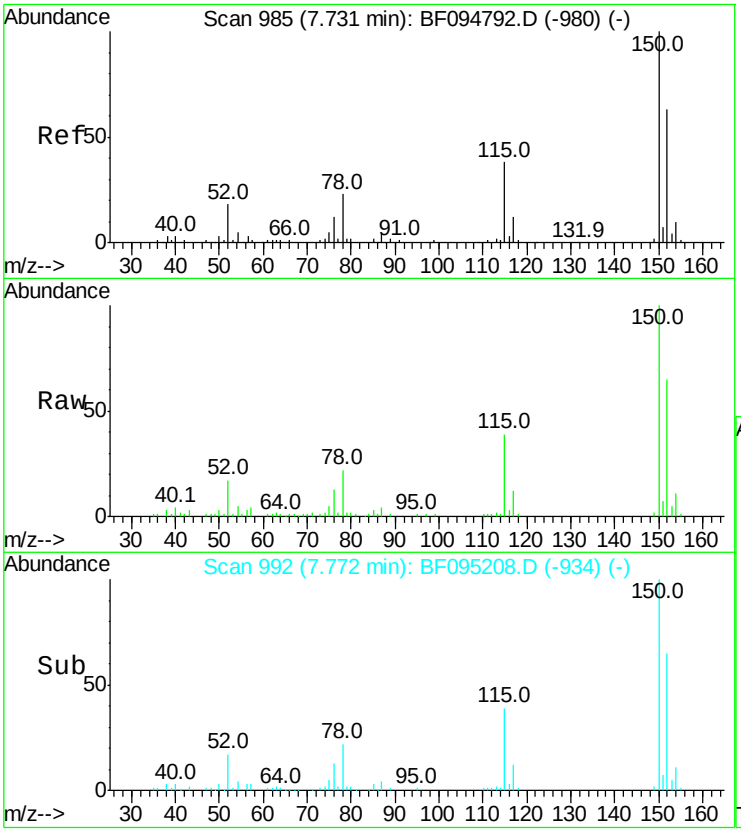


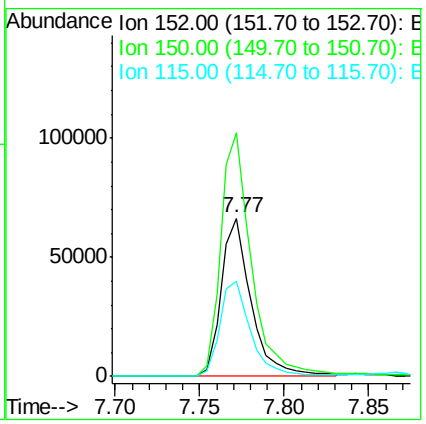


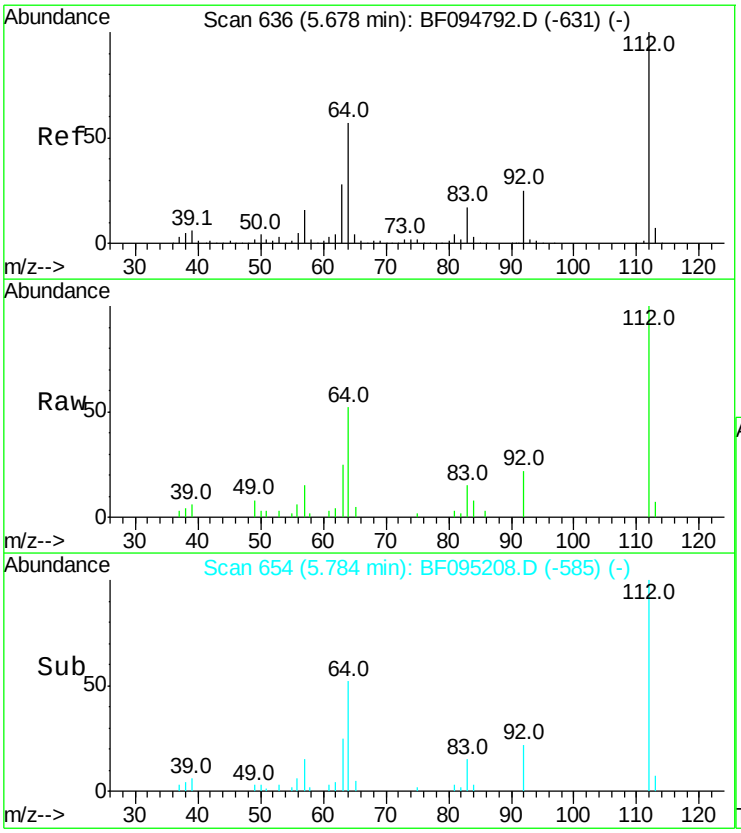
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 81759

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	59.8	52.2	78.2

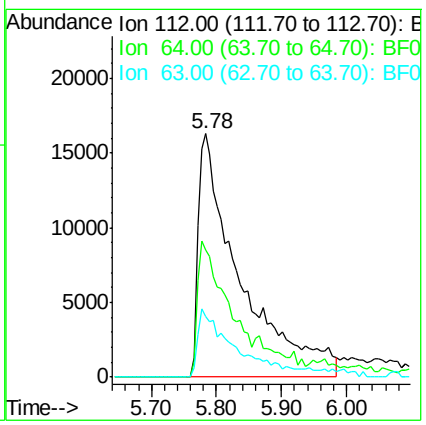


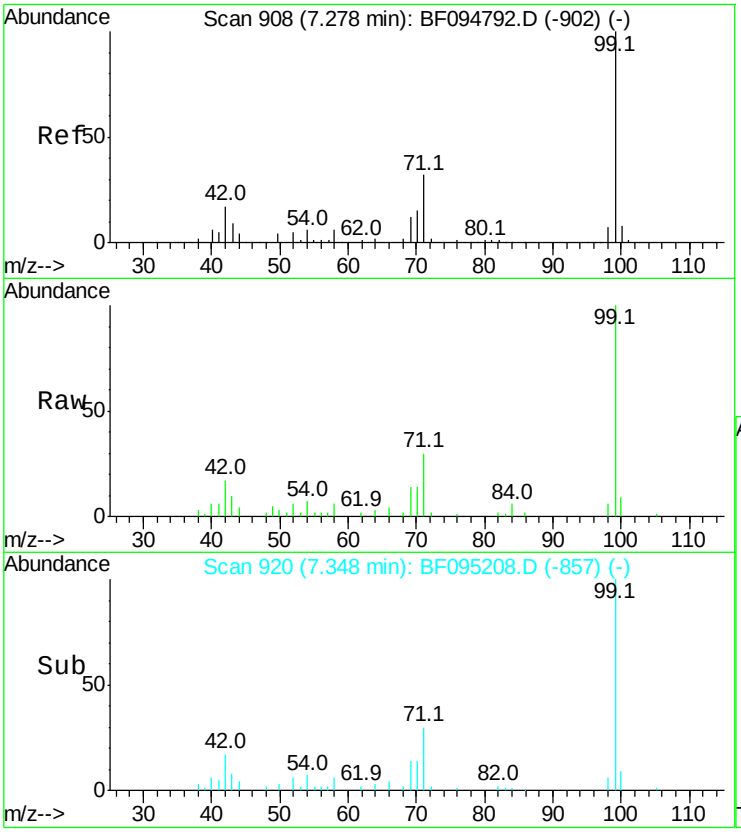


#5
2-Fluorophenol
Concen: 14.65 ng
RT: 5.78 min Scan# 654
Delta R.T. 0.11 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:112 Resp: 71848

Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.0	69.0
63	24.8	23.4	35.0



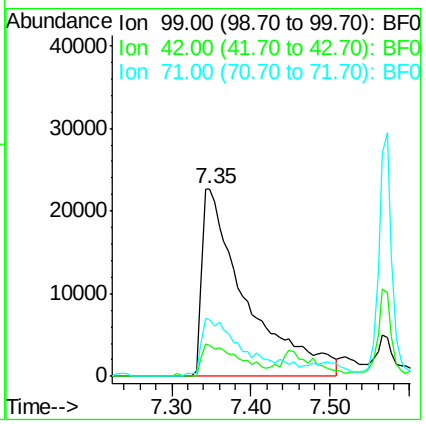


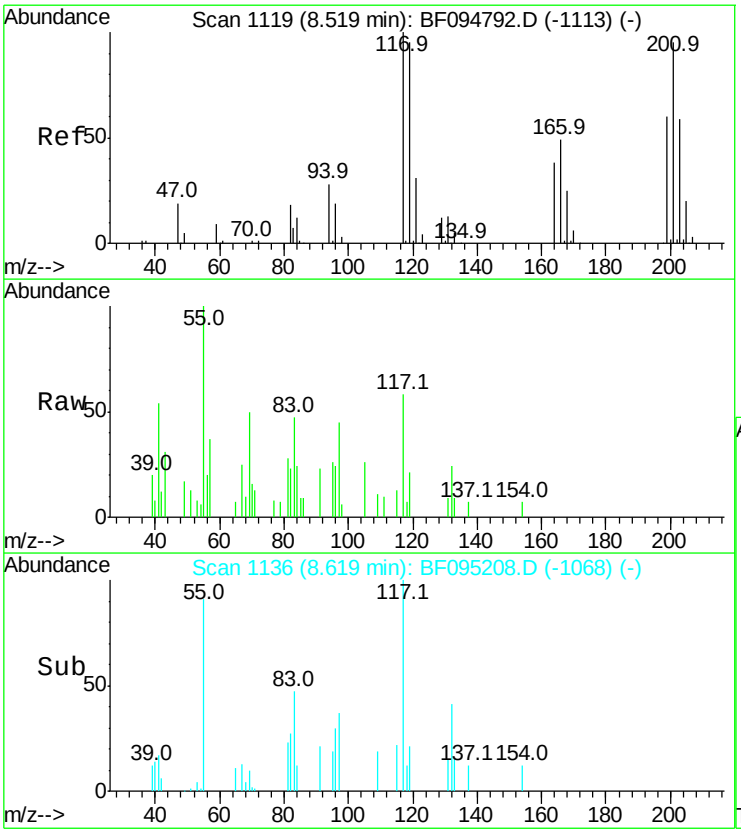
#7
Phenol-d6
Concen: 14.95 ng
RT: 7.35 min Scan# 920
Delta R.T. 0.07 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 87979

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	30.0	24.5	36.7

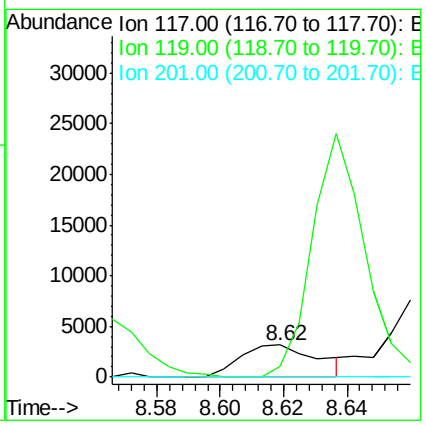


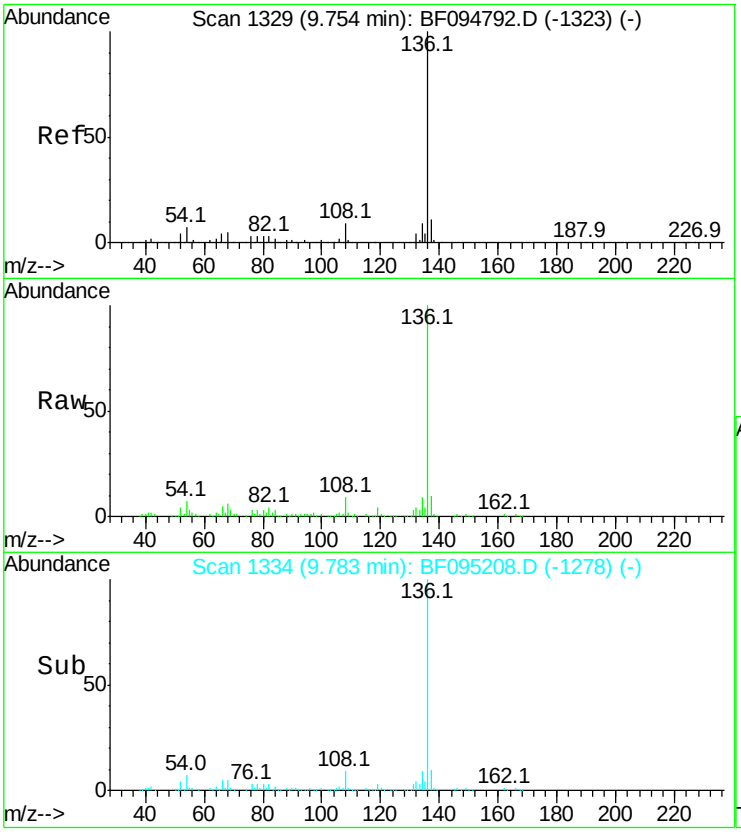


#18
Hexachloroethane
Concen: 2.50 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.10 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:117 Resp: 5447

Ion	Ratio	Lower	Upper
117	100		
119	35.1	77.4	116.0#
201	0.0	94.6	141.8#



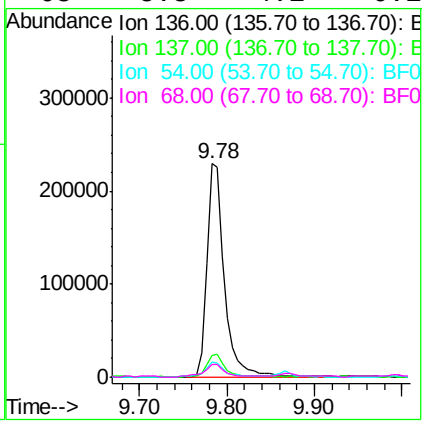


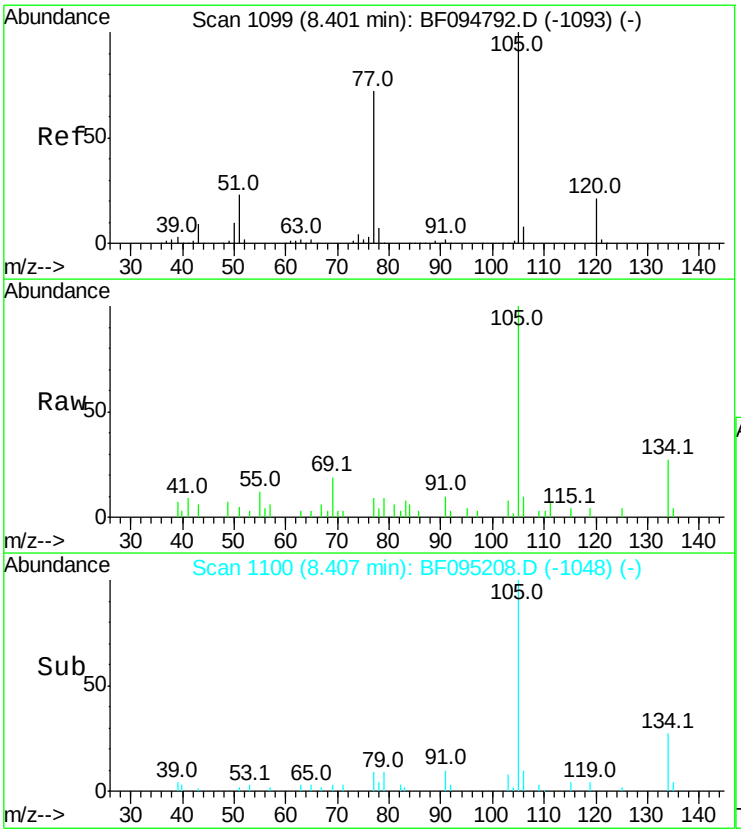
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 320419

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.4	4.9	7.3#
68	5.8	4.1	6.1

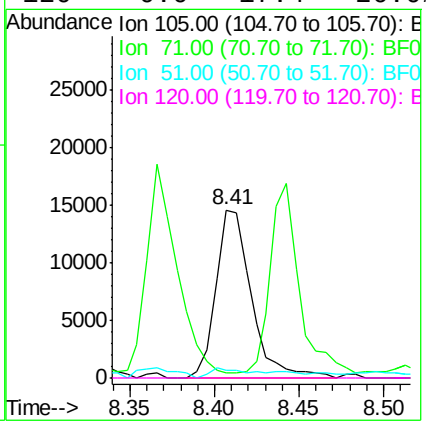


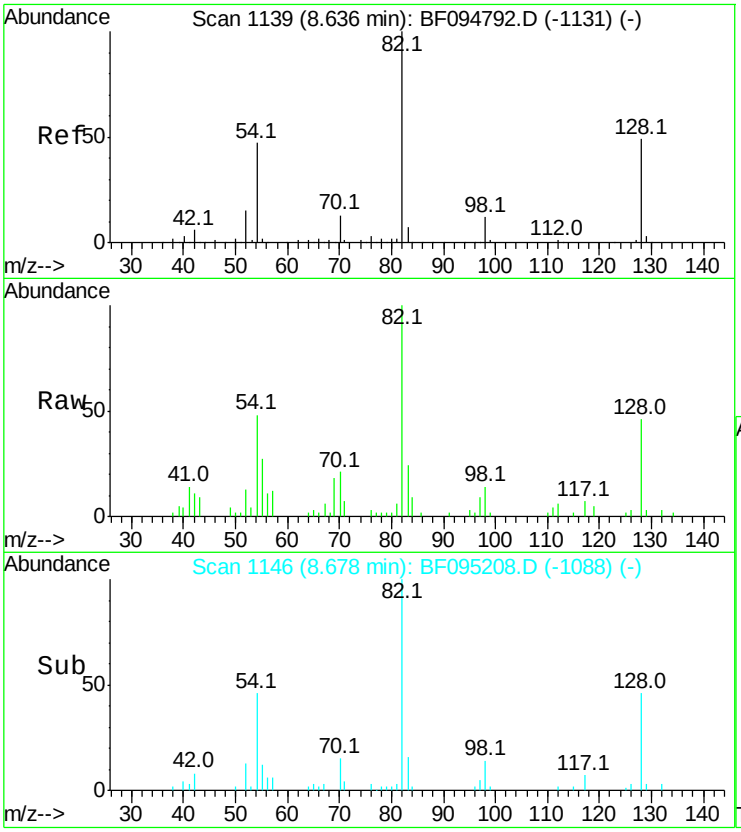


#22
Acetophenone
Concen: 2.78 ng
RT: 8.41 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:105 Resp: 21390

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	4.9	30.7	46.1#
120	0.0	17.4	26.0#



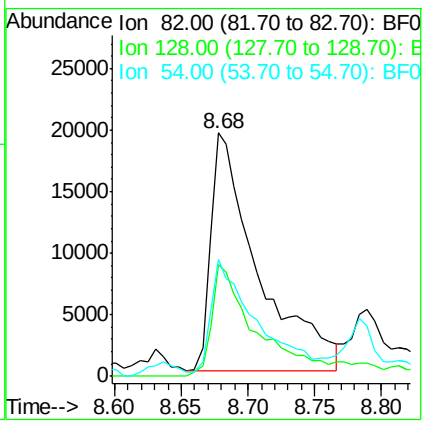


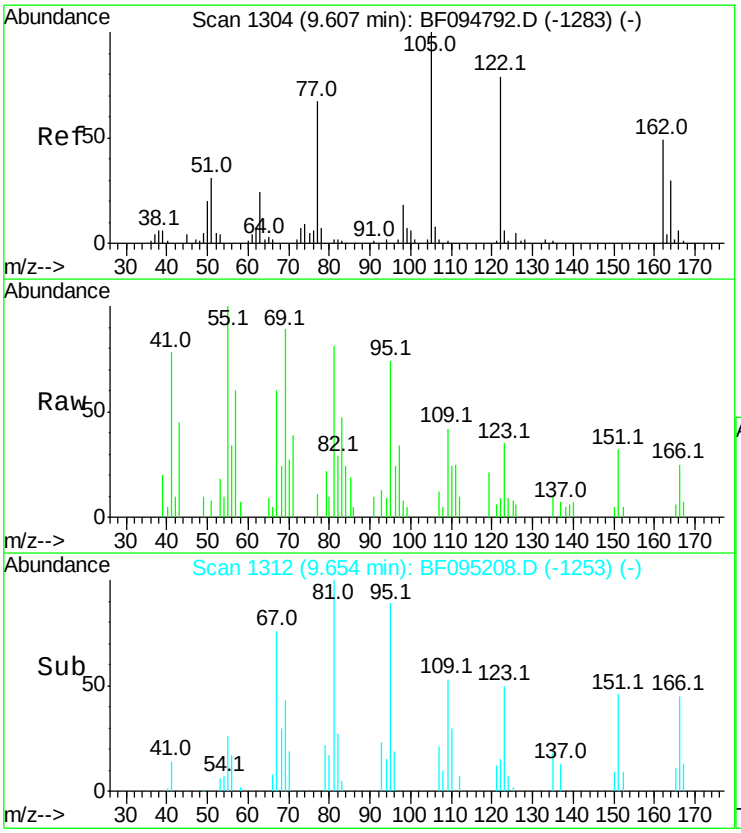
#23
Nitrobenzene-d5
Concen: 9.51 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 48303

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	47.9	42.2	63.2

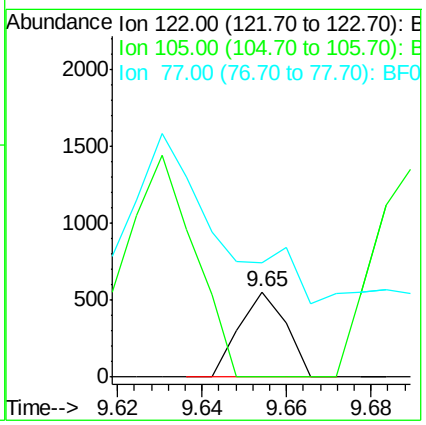


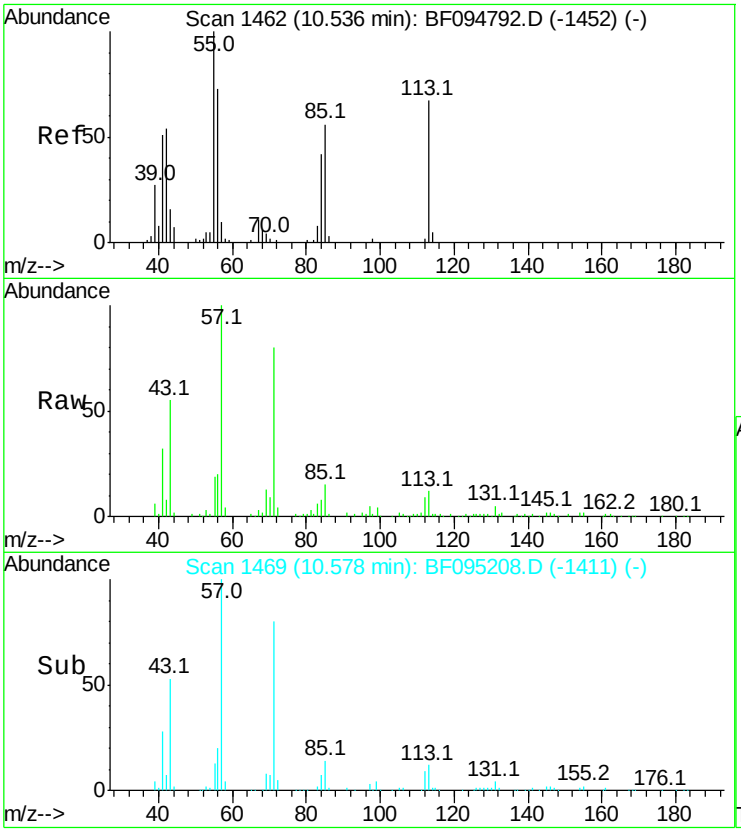


#32
Benzoic acid
Concen: 5.21 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.05 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:122 Resp: 425

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	134.2	73.7	113.7#



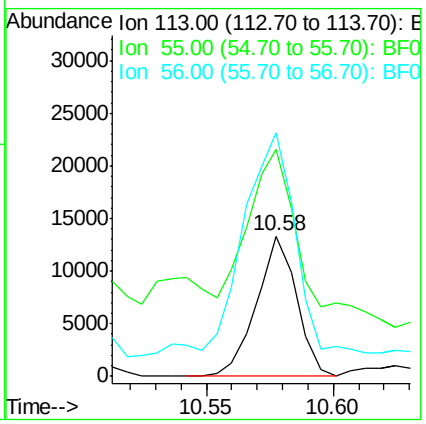


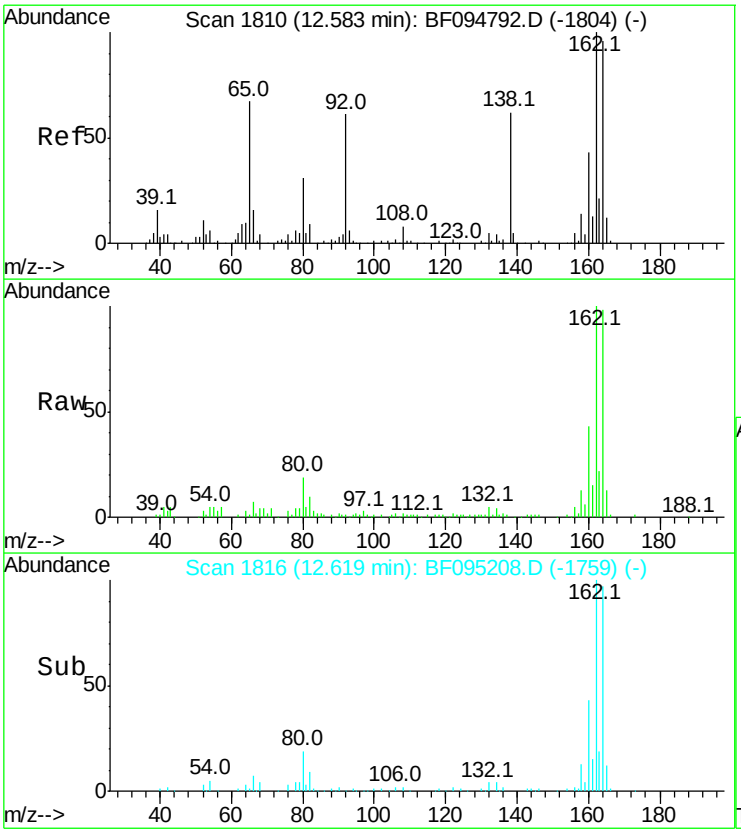
#35
Caprolactam
Concen: 11.24 ng
RT: 10.58 min Scan# 1469
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 14811

Ion	Ratio	Lower	Upper
113	100		
55	161.8	150.2	190.2
56	173.6	107.8	147.8#

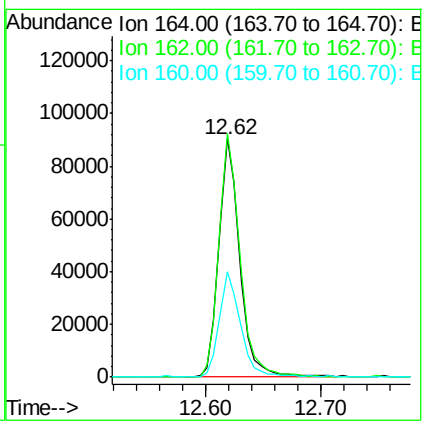


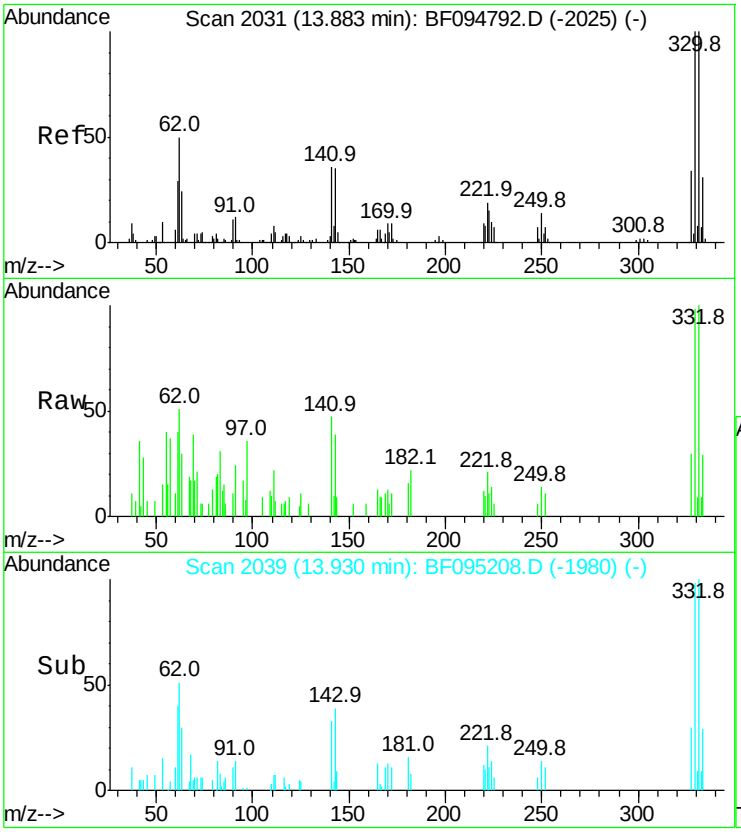


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:164 Resp: 114035

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	44.5	36.2	54.2



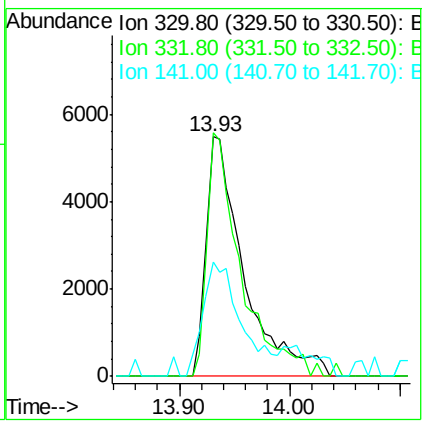


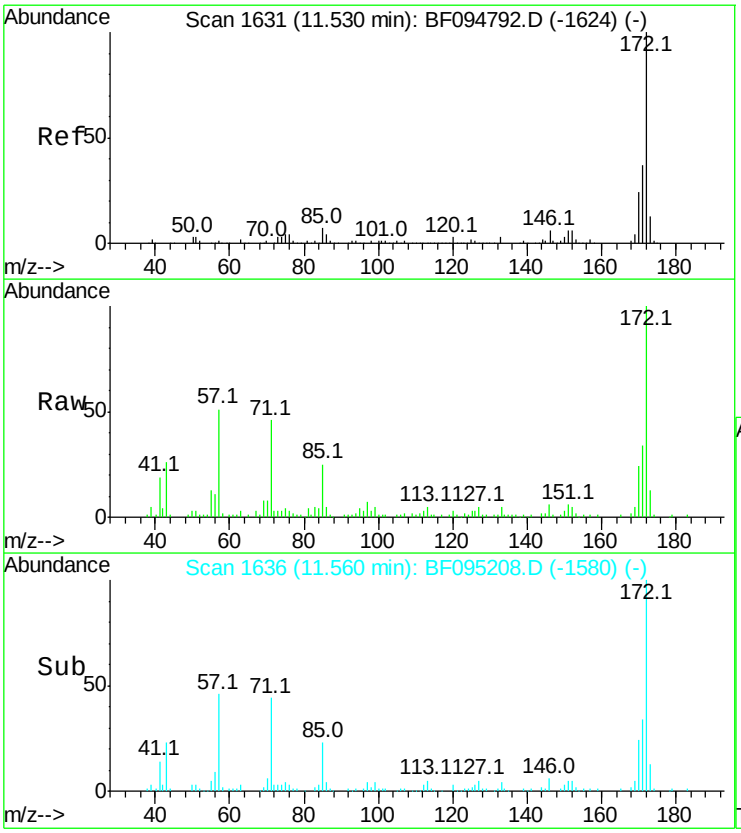
#41
2,4,6-Tribromophenol
Concen: 13.89 ng
RT: 13.93 min Scan# 2039
Delta R.T. 0.05 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 12973

Ion	Ratio	Lower	Upper
330	100		
332	91.0	76.6	115.0
141	48.8	31.4	47.2#

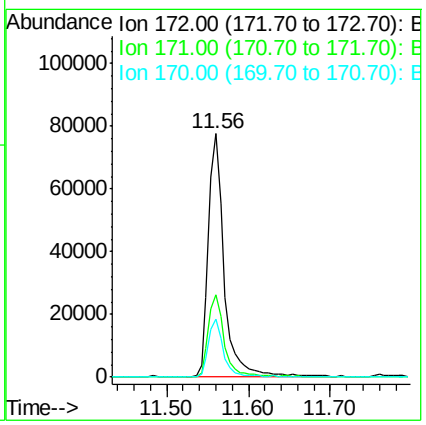


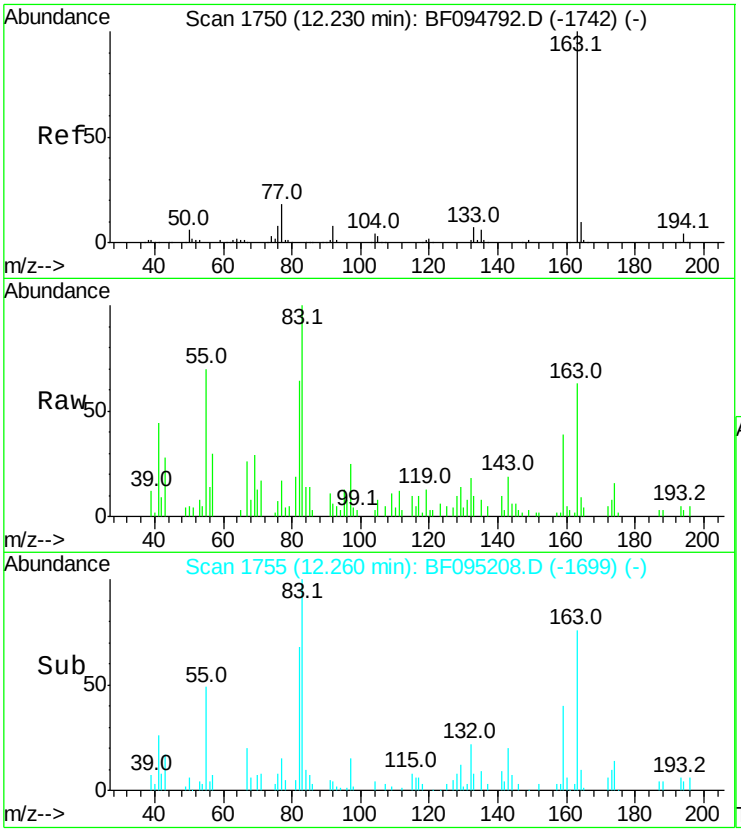


#44
2-Fluorobiphenyl
Concen: 13.25 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:172 Resp: 105015

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.6	44.4
170	23.9	19.8	29.8



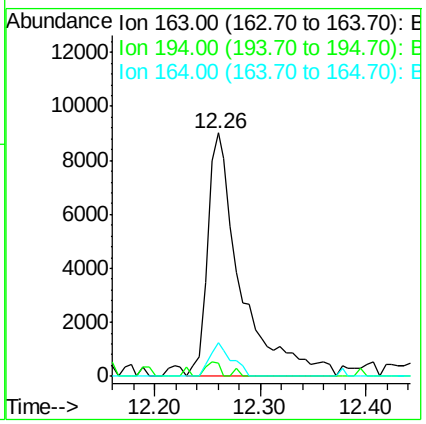


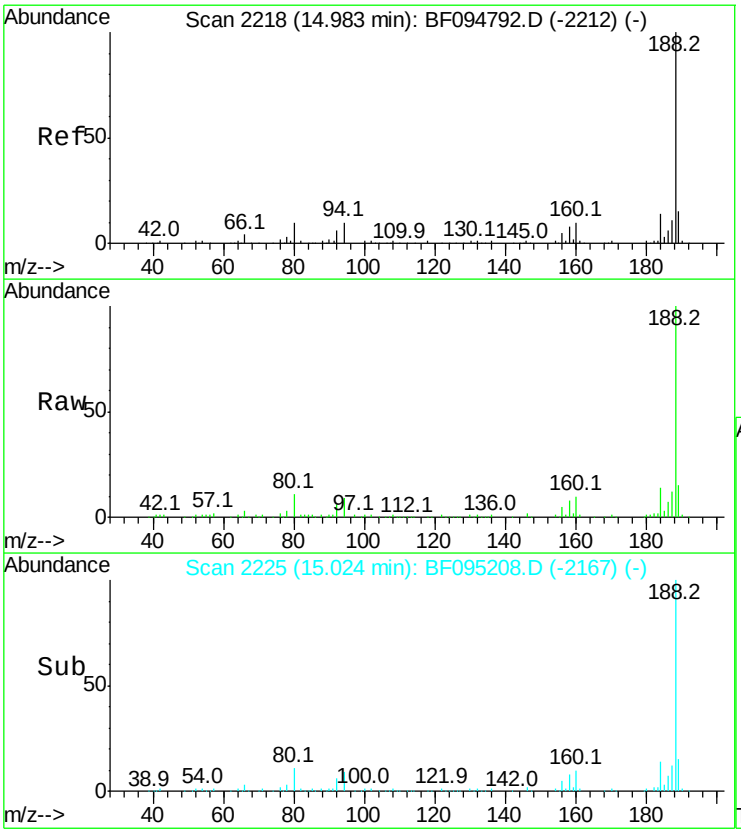
#49
Dimethylphthalate
Concen: 2.10 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19616

Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.6	4.0#
164	13.7	8.4	12.6#

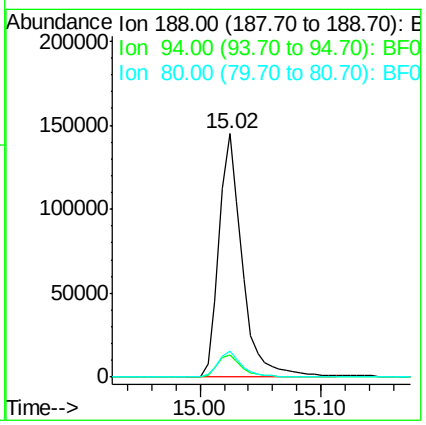


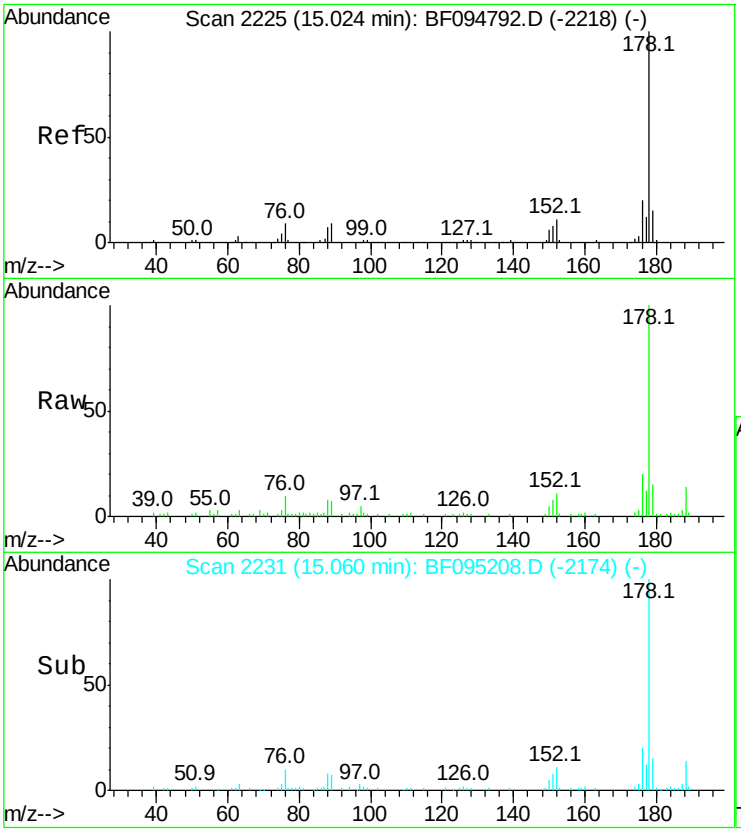


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:188 Resp: 193717

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.7	10.2	15.2



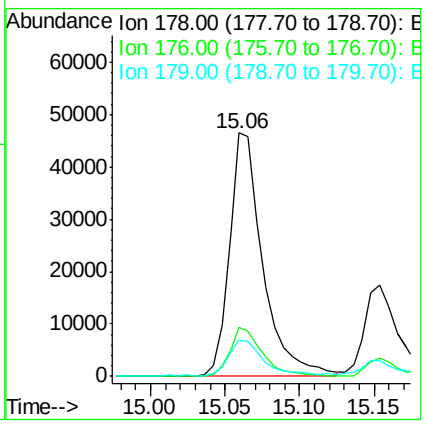


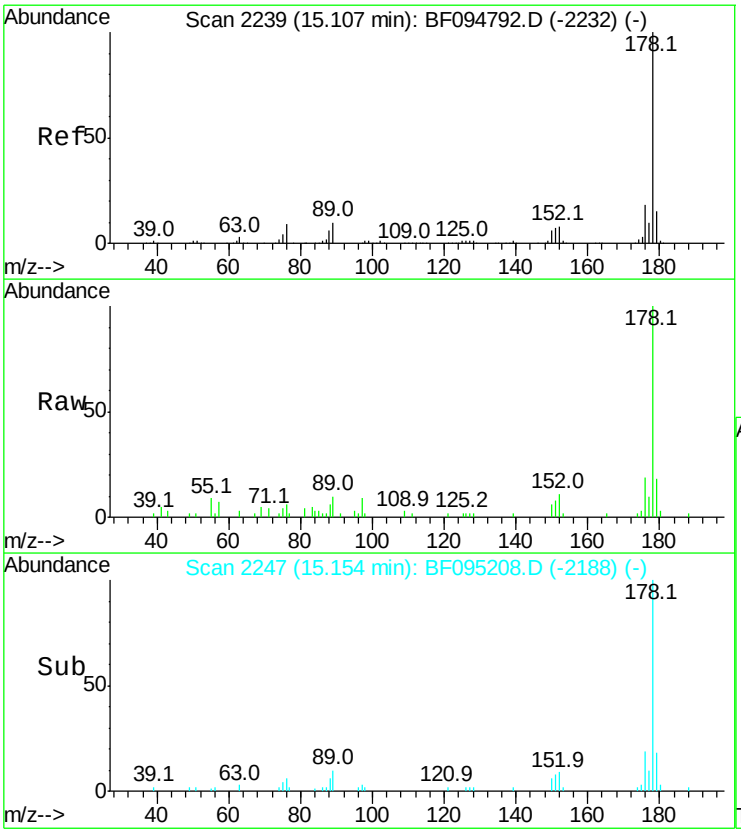
#70
Phenanthrene
Concen: 6.51 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 72513

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	14.9	12.6	19.0

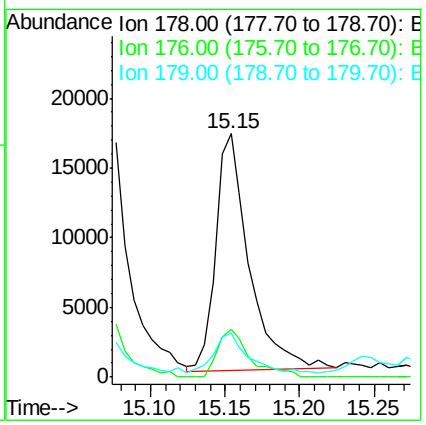


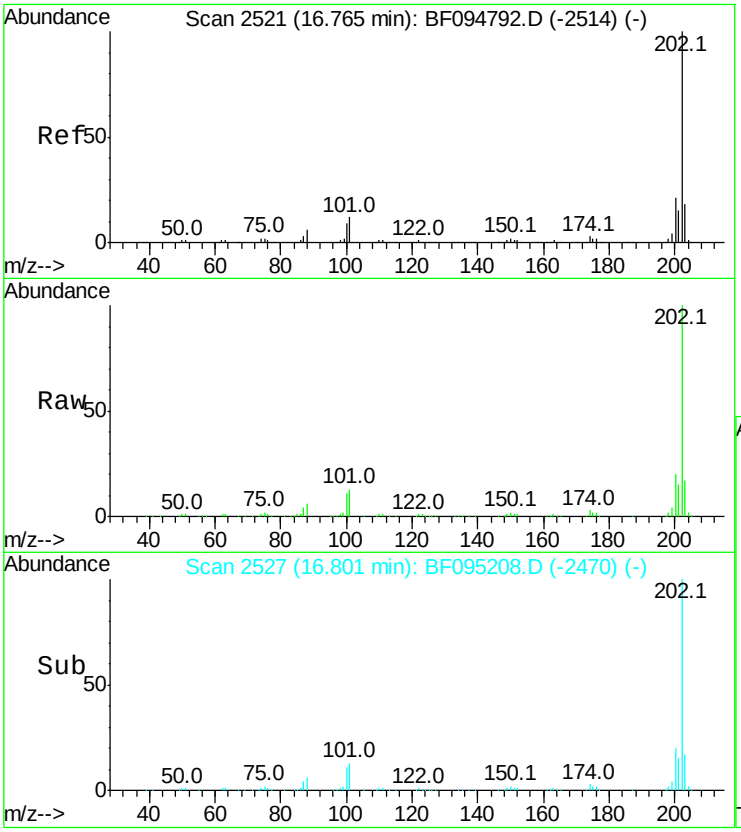


#71
Anthracene
Concen: 2.34 ng
RT: 15.15 min Scan# 2247
Delta R.T. 0.05 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:178 Resp: 26598

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.8	12.7	19.1



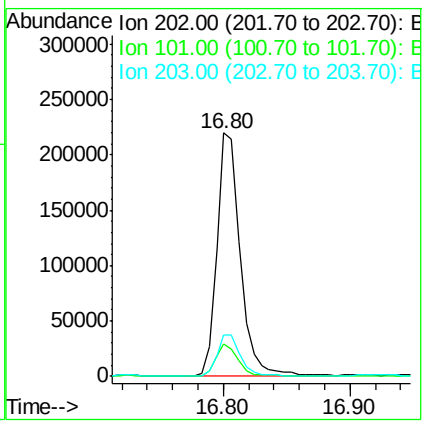


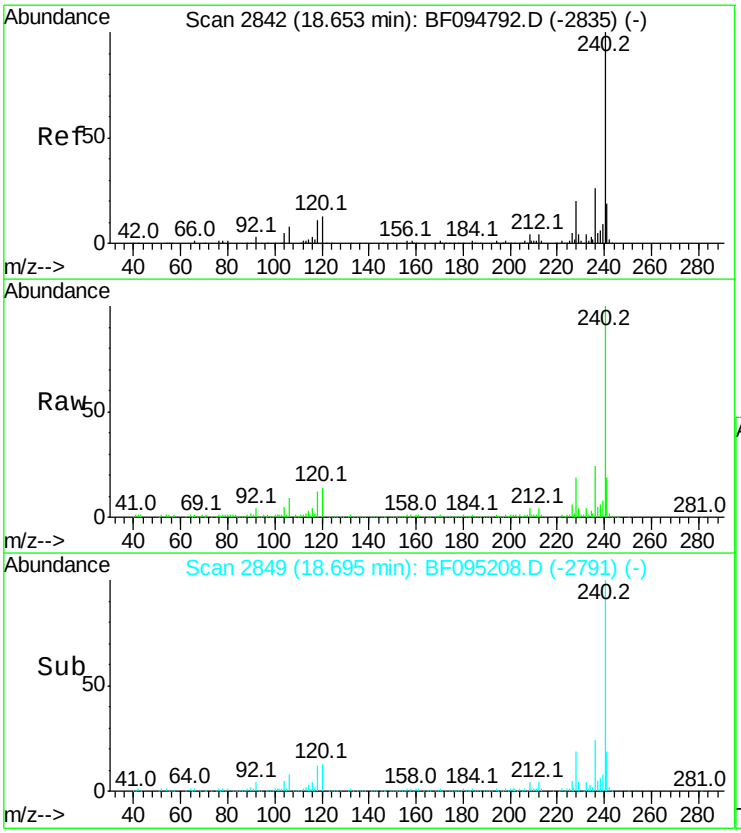
#74
Fluoranthene
Concen: 24.93 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 284667

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.1	0.0	38.1

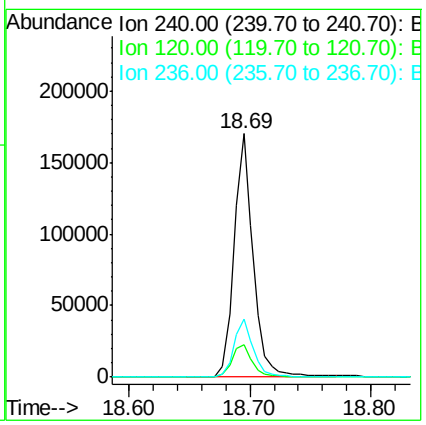


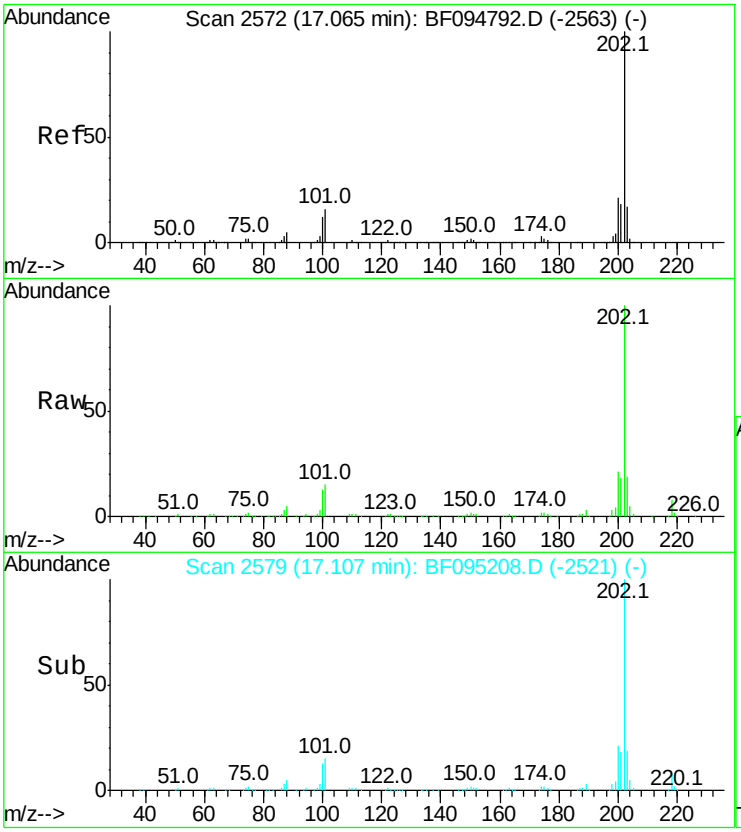


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:240 Resp: 187247

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	23.9	20.5	30.7



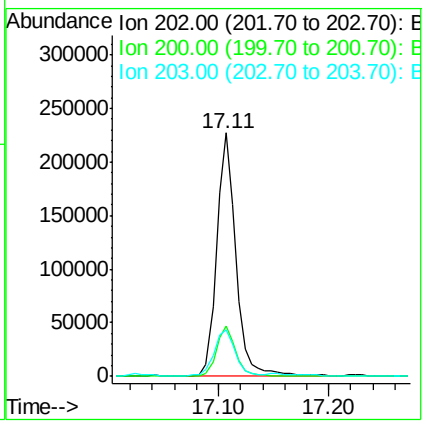


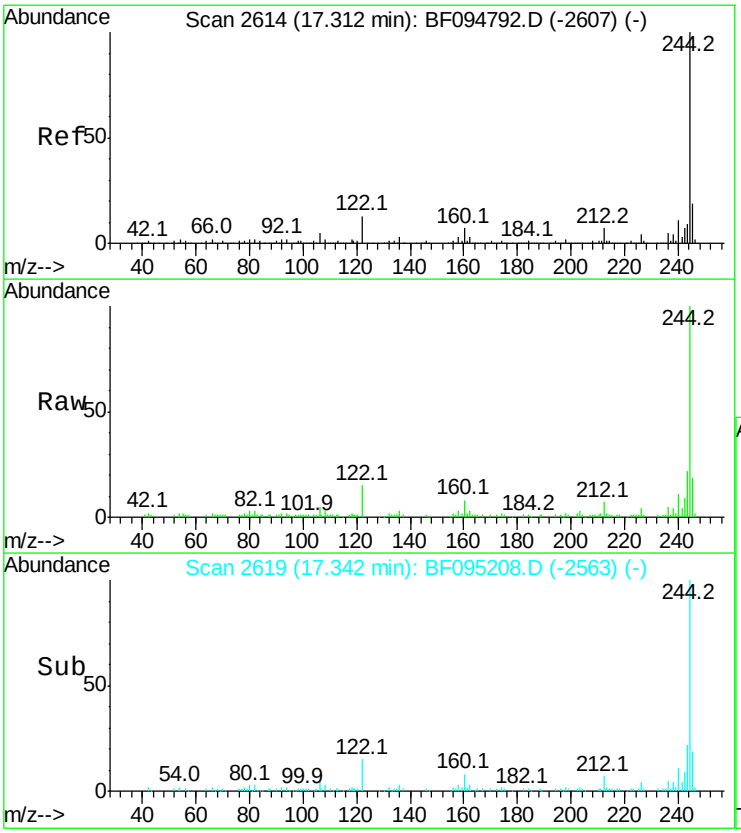
#77
Pyrene
Concen: 19.41 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 271783

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.1	14.4	21.6

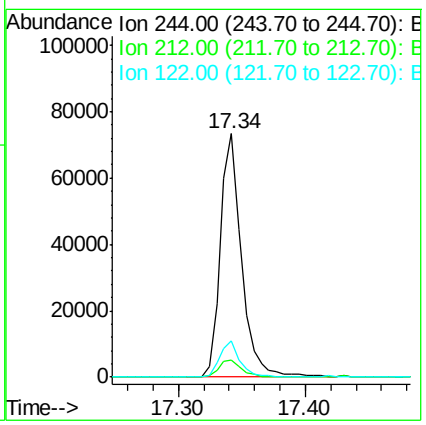


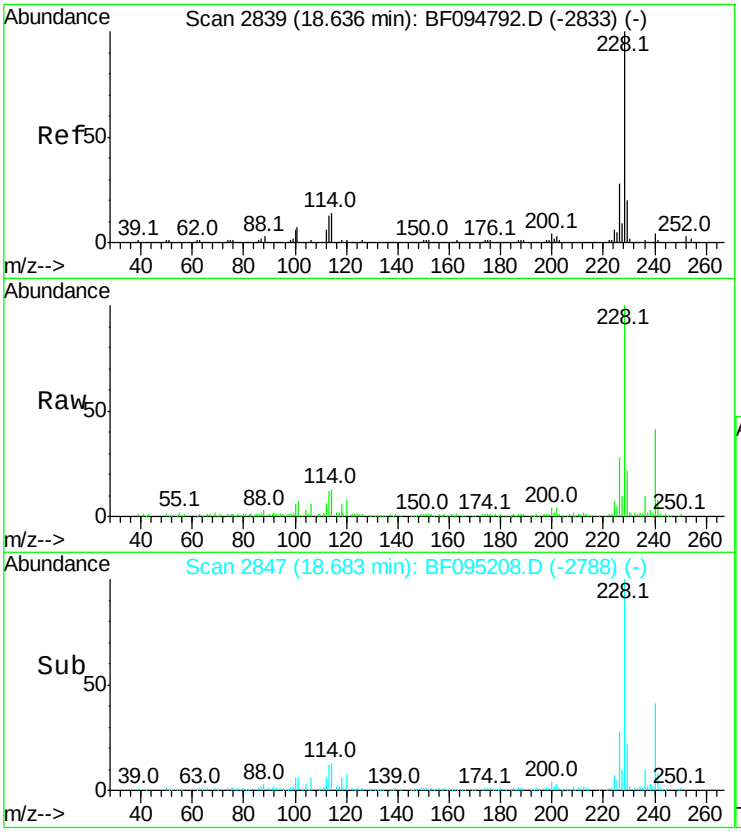


#78
Terphenyl-d14
Concen: 10.05 ng
RT: 17.34 min Scan# 2619
Delta R.T. 0.03 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:244 Resp: 85400

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5



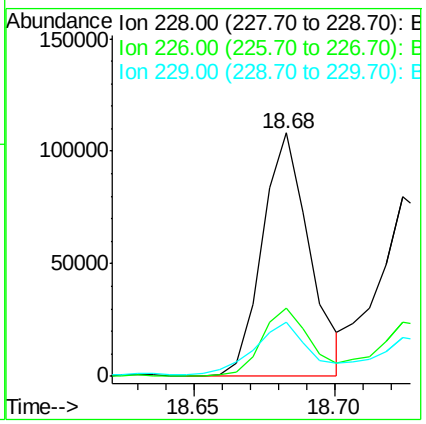


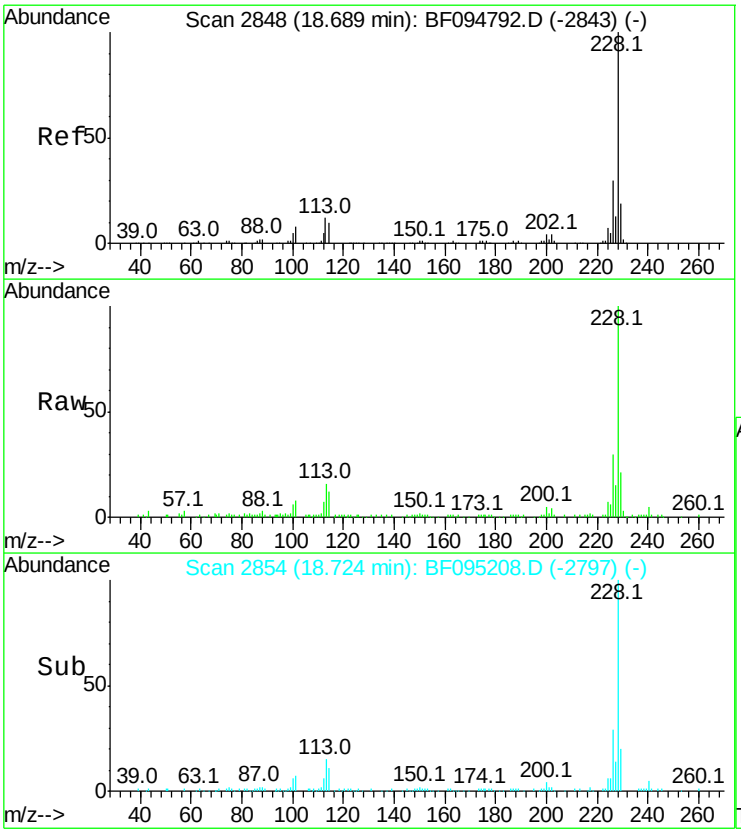
#80
Benzo(a)anthracene
Concen: 11.52 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 125595

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.0	16.3	24.5

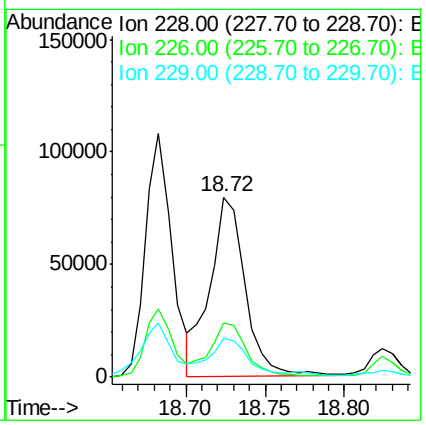


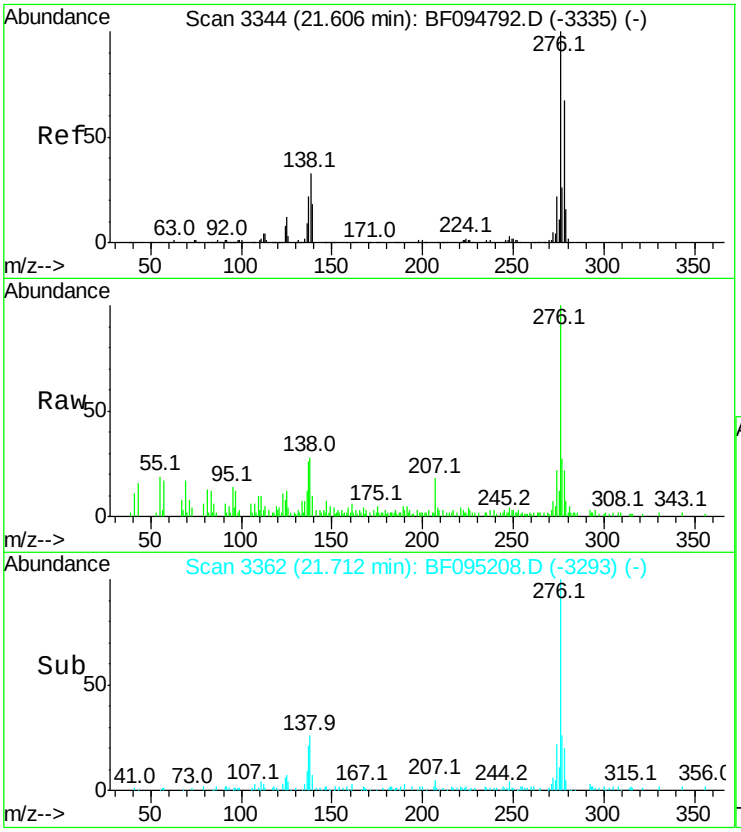


#82
Chrysene
Concen: 11.71 ng
RT: 18.72 min Scan# 2854
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:228 Resp: 123403

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.4	15.8	23.6



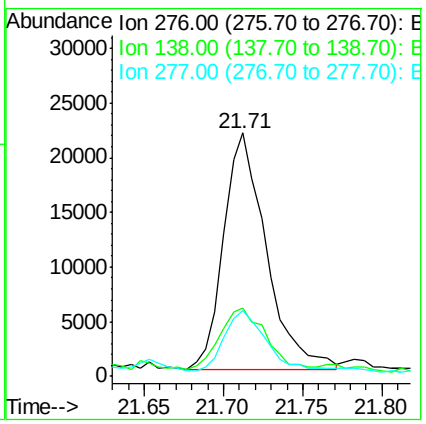


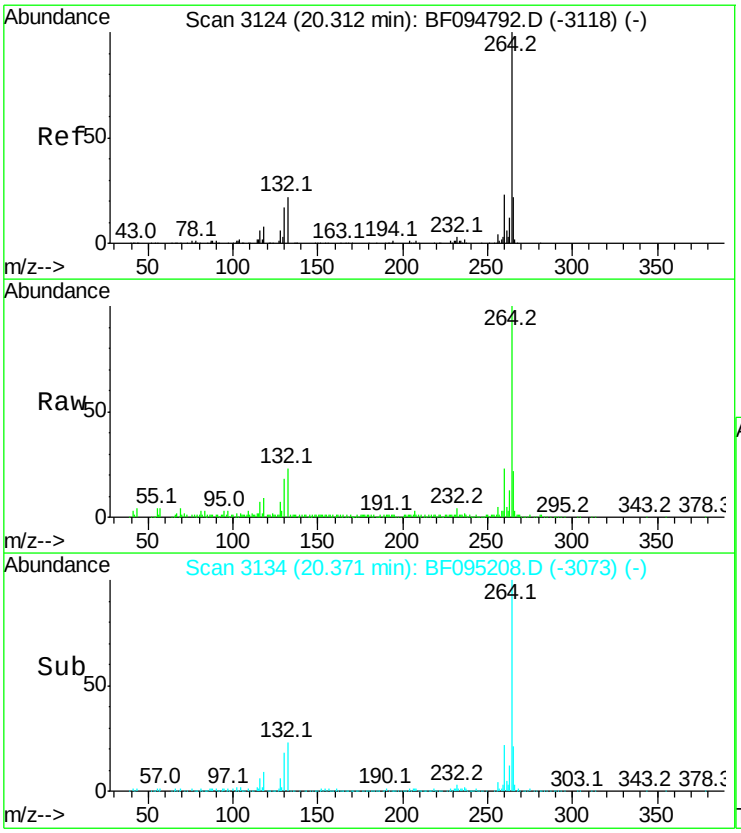
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.70 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.11 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 40251

Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.8	41.6
277	24.0	20.2	30.4

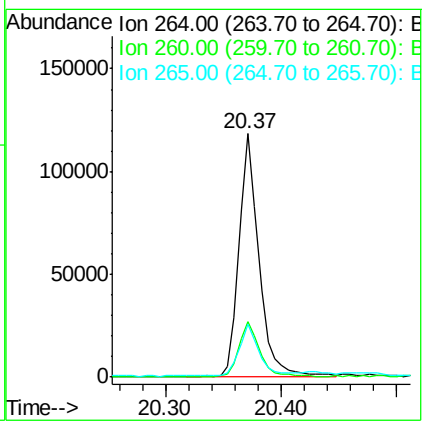


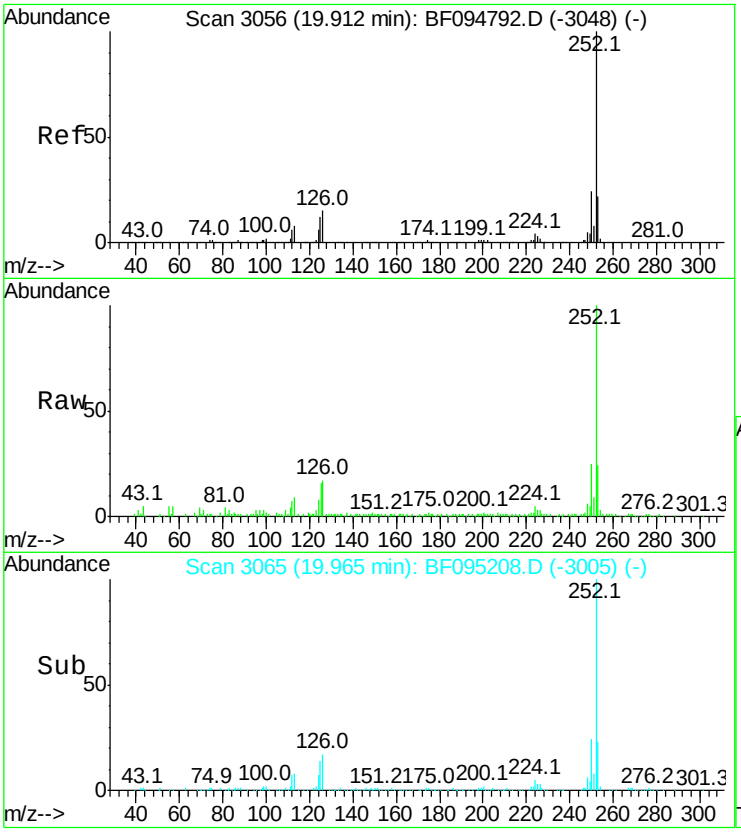


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:264 Resp: 143976

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.9	17.2	25.8



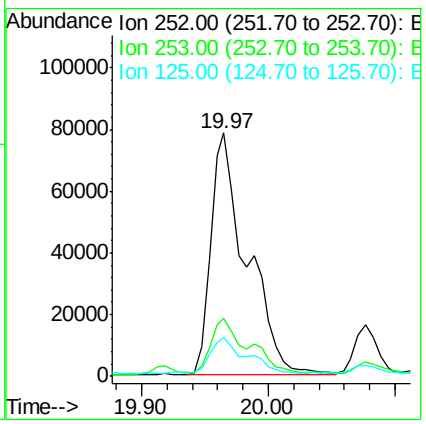


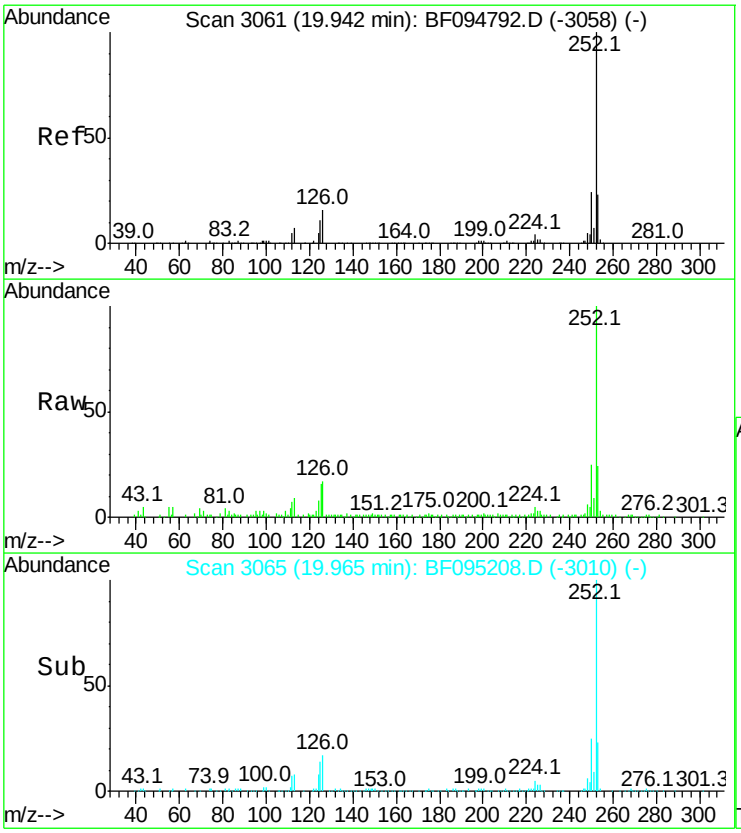
#87
Benzo(b)fluoranthene
Concen: 17.34 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.05 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 154298

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	15.8	9.8	14.8#

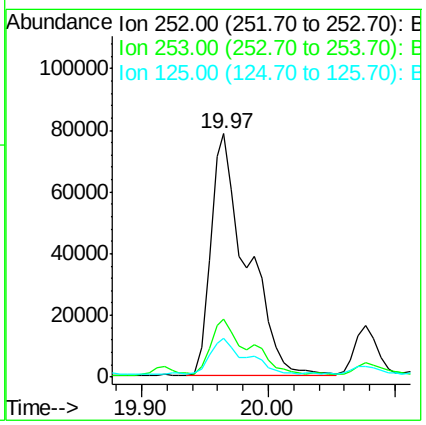


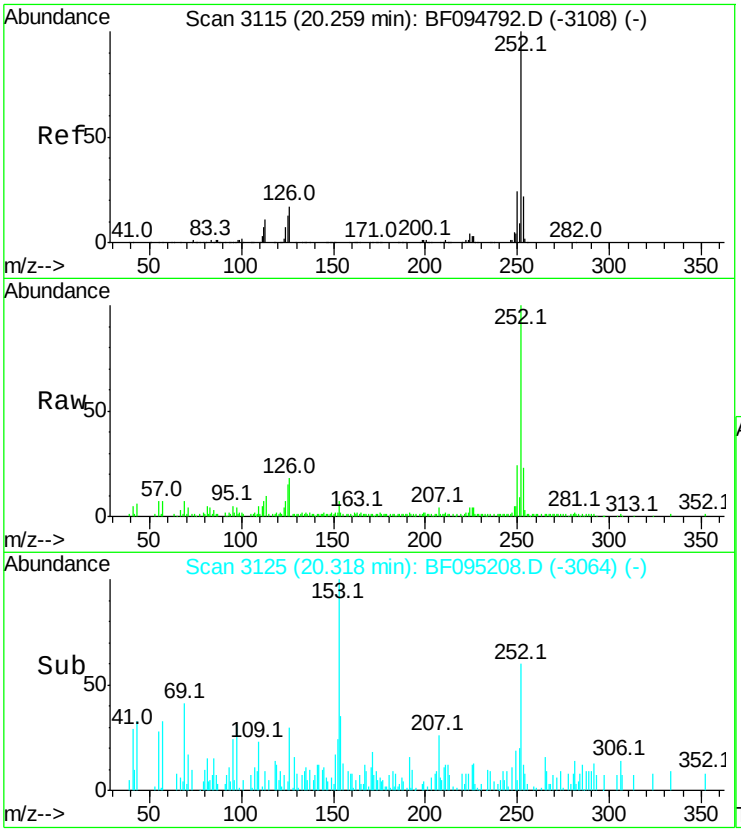


#88
Benzo(k)fluoranthene
Concen: 17.98 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.02 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:252 Resp: 154298

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	15.8	13.1	19.7



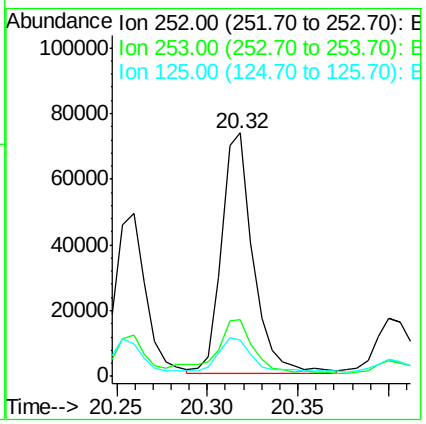


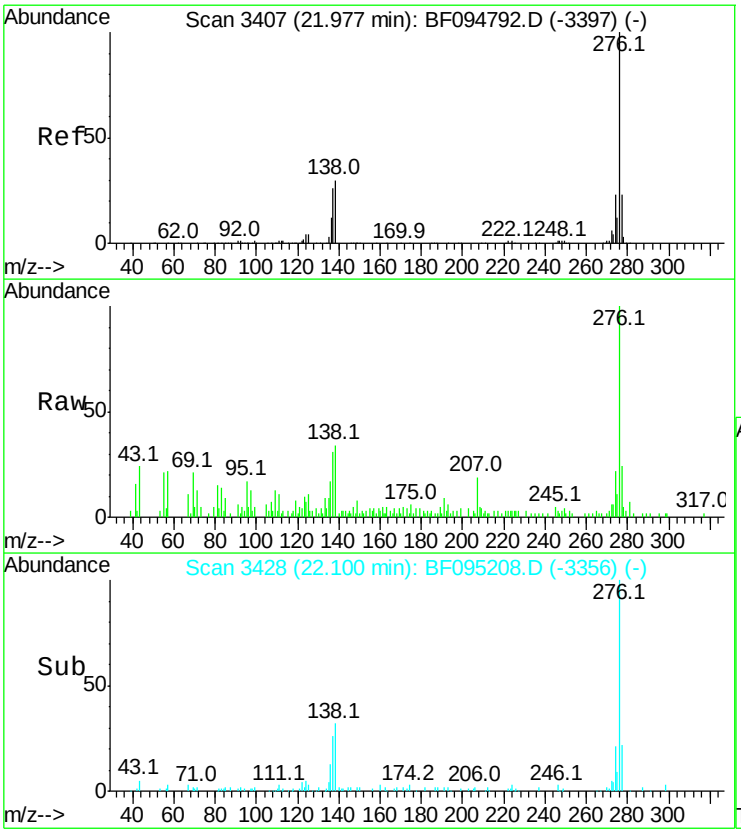
#89
Benzo(a)pyrene
Concen: 10.91 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.06 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 89580

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.9	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.78 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.12 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion:276 Resp: 38430

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	34.1	25.4	38.0