Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102094.D
Acq On : 16 Jan 2018 7:24
Operator : SJ/JU
Sample : J1117-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-1_14.5-15.0

Quant Time: Jan 16 11:41:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144329	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	227113	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	146704	20.00	ng		0.02
63) Phenanthrene-d10	11.27	188	199091	20.00	ng		0.02
75) Chrysene-d12	13.91	240	170617	20.00	ng		0.03
86) Perylene-d12	15.34	264	131810	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	934607	91.44	ng		0.00
7) Phenol-d6	6.36	99	1082546	88.77	ng		0.00
23) Nitrobenzene-d5	7.29	82	630147	163.05	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	109010	85.15	ng		0.02
44) 2-Fluorobiphenyl	9.10	172	761089	81.05	ng		0.00
78) Terphenyl-d14	12.86	244	464842	56.57	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.37	94	33328	2.418	ng		81
31) Naphthalene	8.04	128	86025	7.580	ng	#	47
37) 2-Methylnaphthalene	8.74	142	636449	85.189	ng		98
45) 1,1'-Biphenyl	9.20	154	315846	24.358	ng		97
49) Dimethylphthalate	9.49	163	105857	8.995	ng	#	79
51) Acenaphthene	9.82	154	42654	4.404	ng	#	44
57) Fluorene	10.33	166	202566	22.044	ng	#	80
70) Phenanthrene	11.30	178	652899	56.141	ng		97
74) Fluoranthene	12.48	202	70869	6.194	ng		65
77) Pyrene	12.71	202	287756	19.080	ng	#	95
80) Benzo(a)anthracene	13.90	228	62237	5.717	ng	#	25
82) Chrysene	13.93	228	127712	11.251	ng	#	66

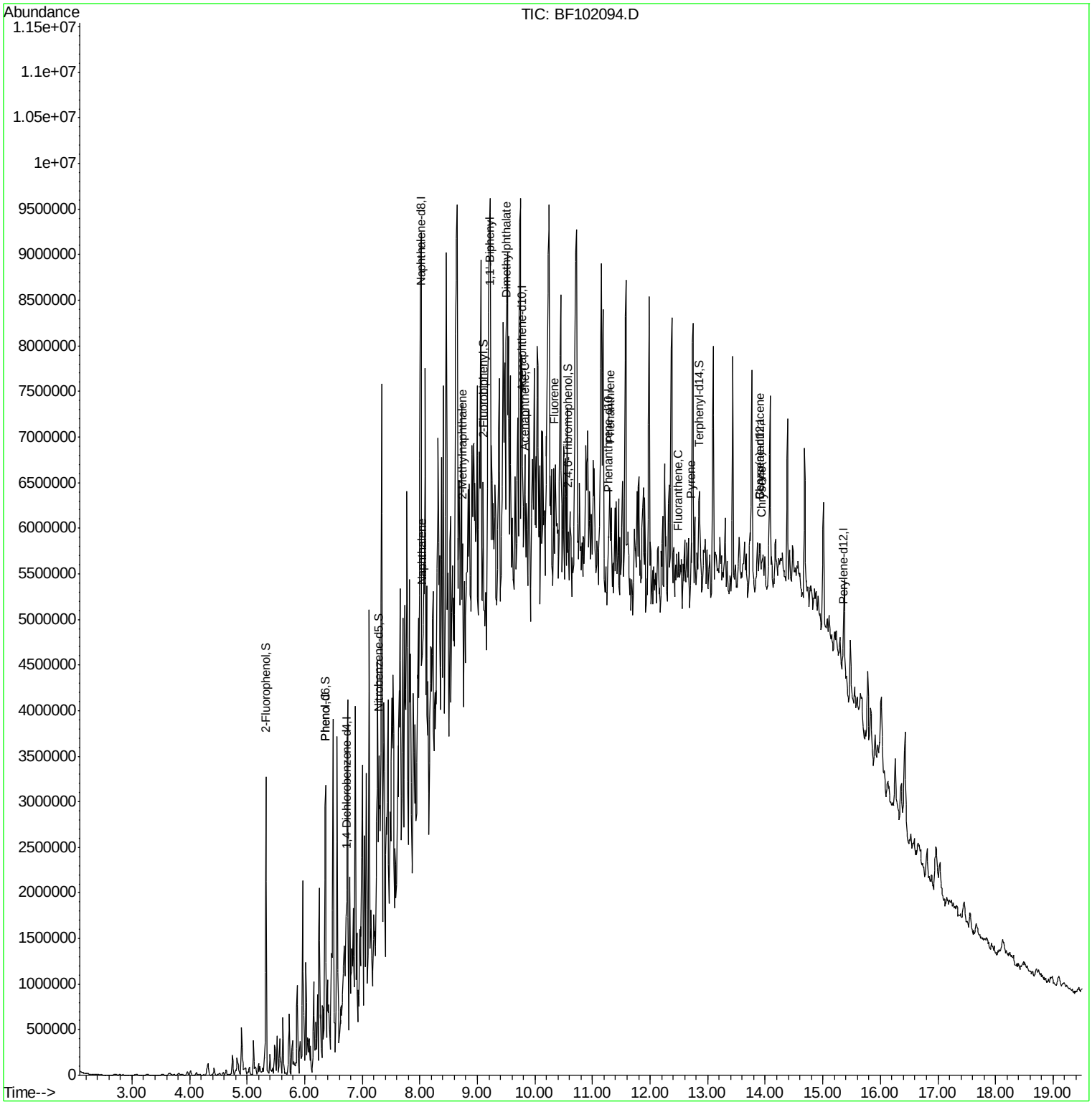
(#) = qualifier out of range (m) = manual integration (+) = signals summed

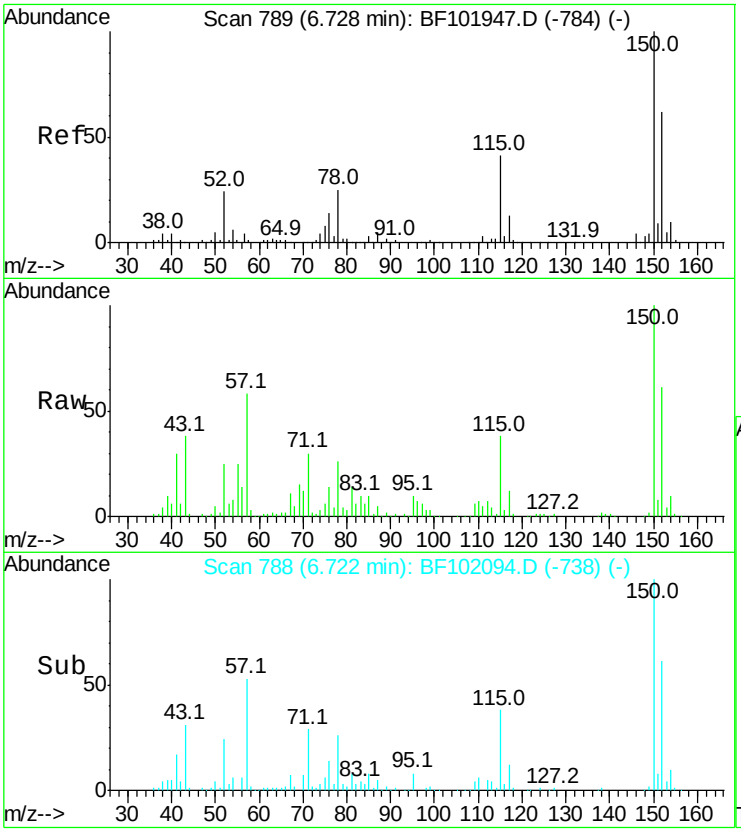
Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102094.D
Acq On : 16 Jan 2018 7:24
Operator : SJ/JU
Sample : J1117-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Quant Time: Jan 16 11:41:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



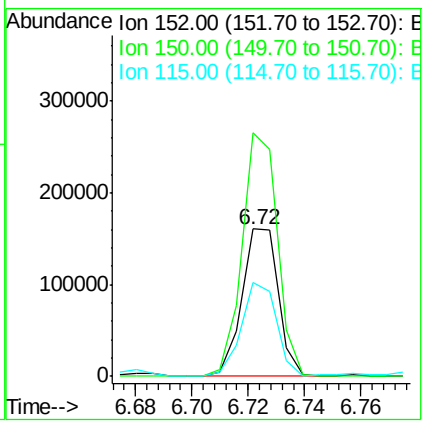


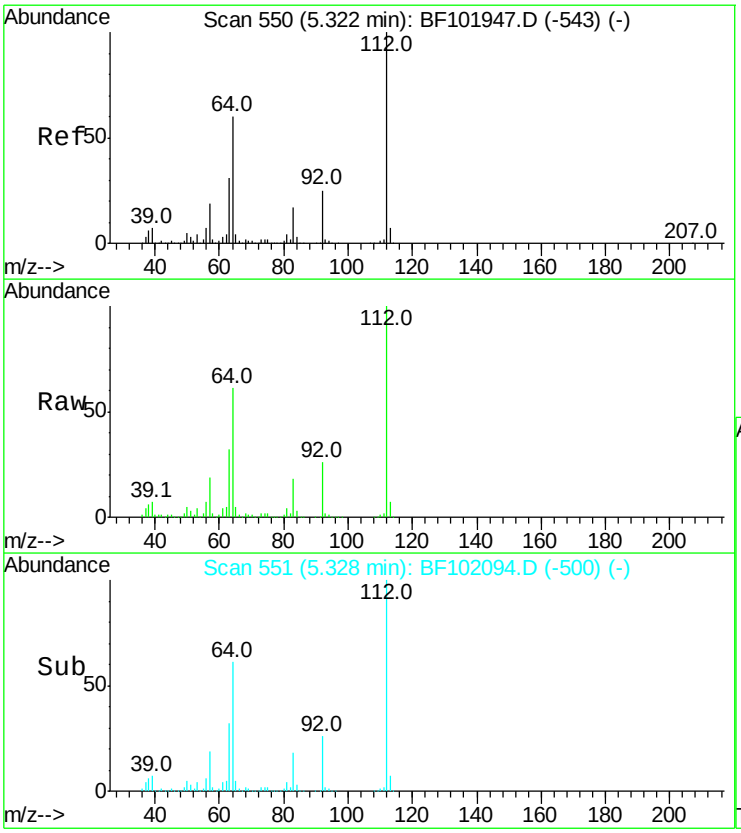
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:152 Resp: 144329

Ion	Ratio	Lower	Upper
152	100		
150	165.0	124.6	186.8
115	63.4	50.1	75.1

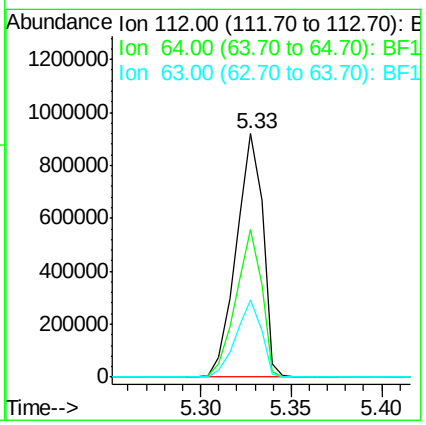


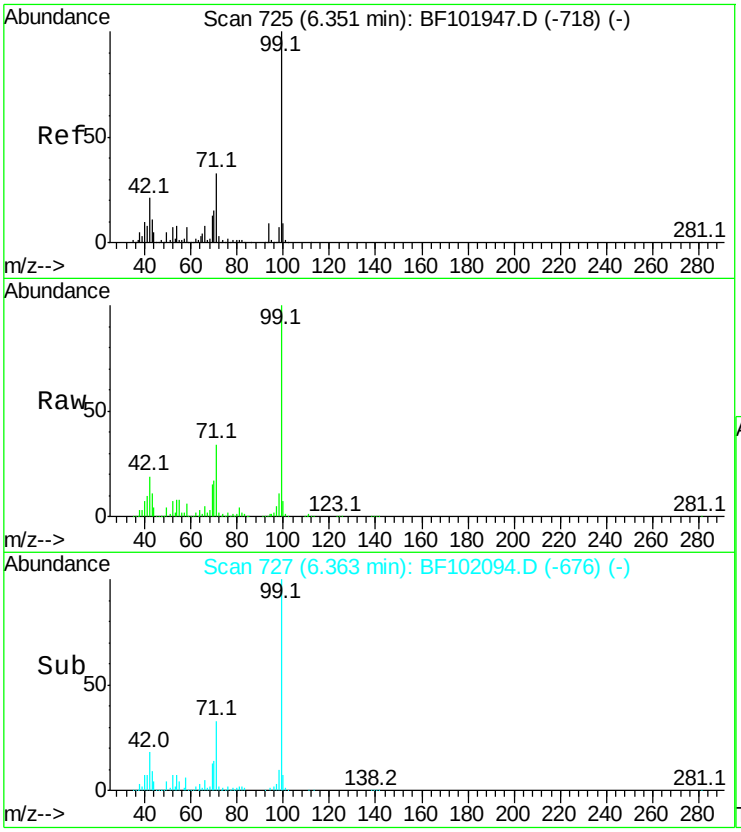


#5
2-Fluorophenol
Concen: 91.440 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:112 Resp: 934607

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.8	23.7	35.5



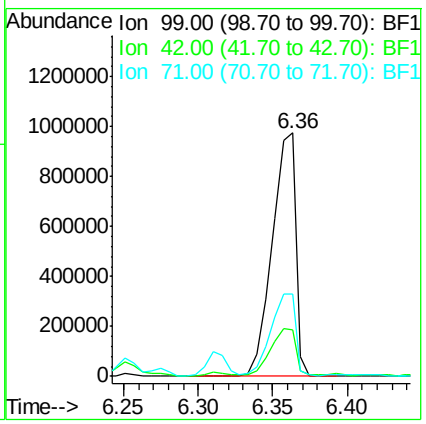


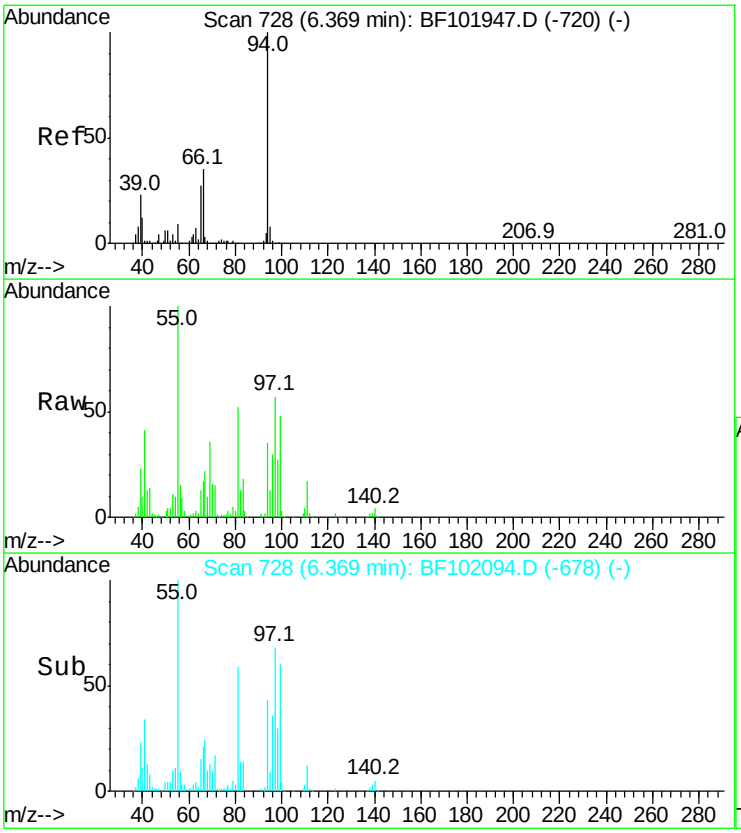
#7
Phenol-d6
Concen: 88.772 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion: 99 Resp: 1082546

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.8	25.4	38.0

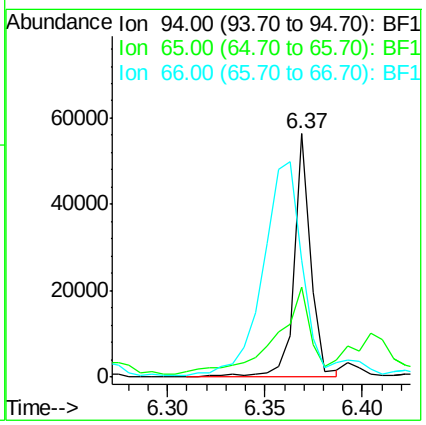


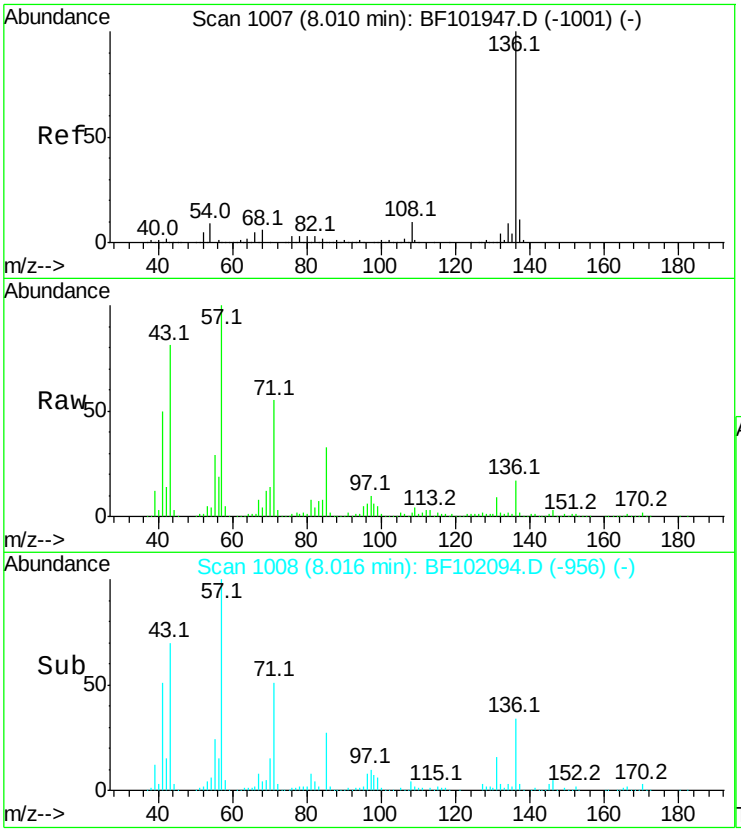


#10
Phenol
Concen: 2.418 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion: 94 Resp: 33328

Ion	Ratio	Lower	Upper
94	100		
65	37.1	7.9	47.9
66	48.1	16.2	56.2



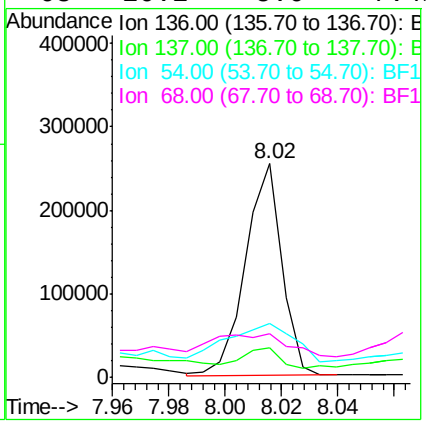


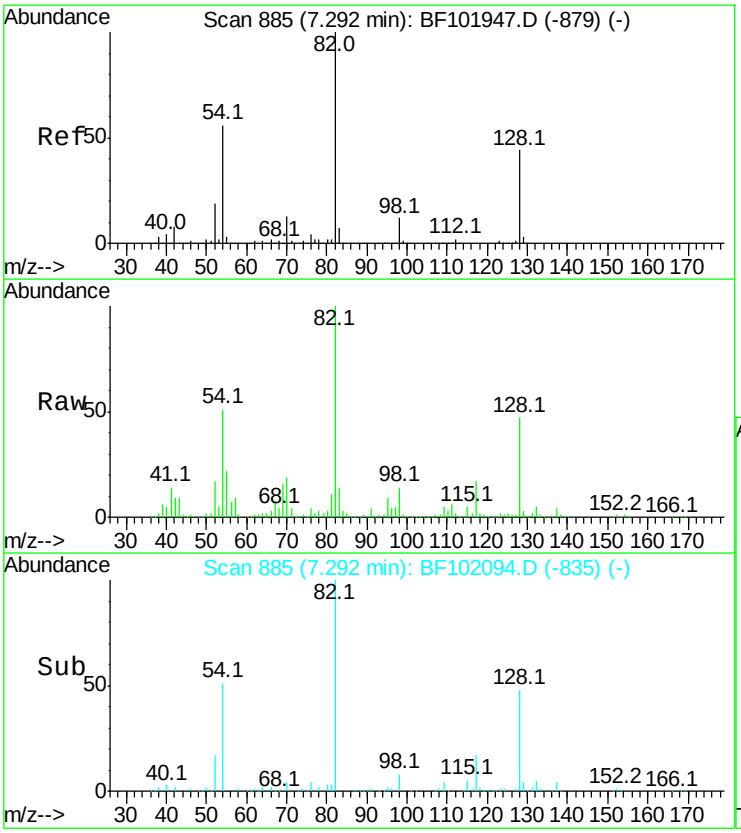
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:136 Resp: 227113

Ion	Ratio	Lower	Upper
136	100		
137	13.6	8.9	13.3#
54	25.2	6.6	9.8#
68	20.2	5.0	7.4#

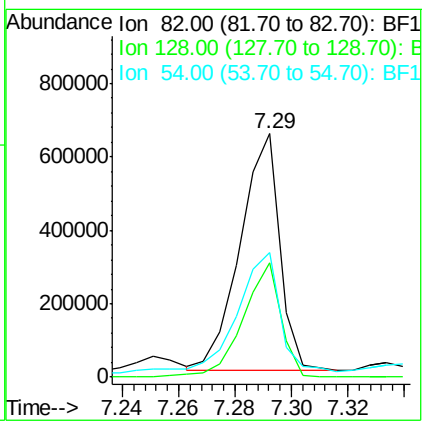


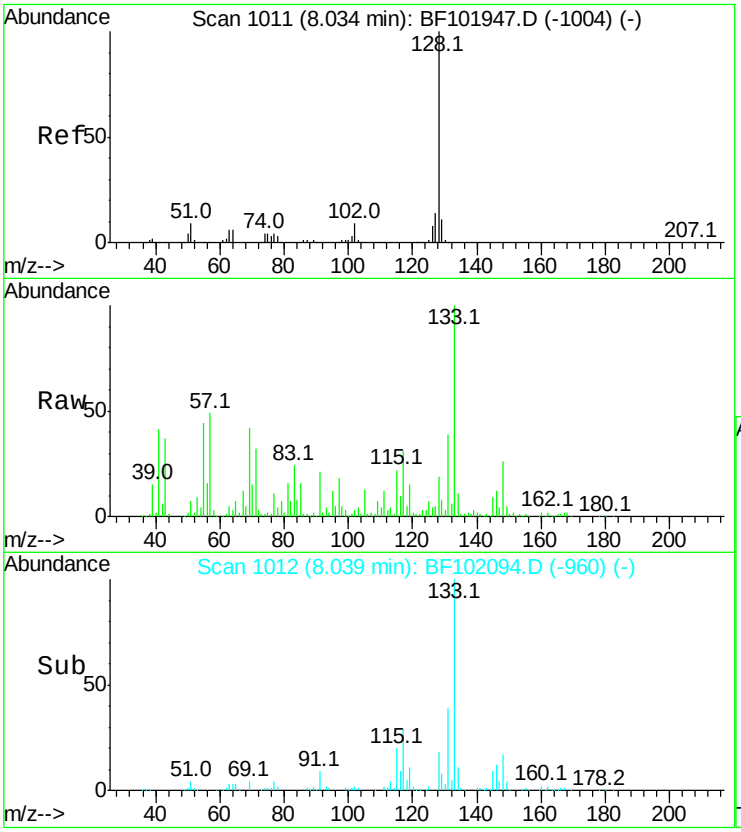


#23
Nitrobenzene-d5
Concen: 163.047 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion: 82 Resp: 630147

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	51.3	41.4	62.2



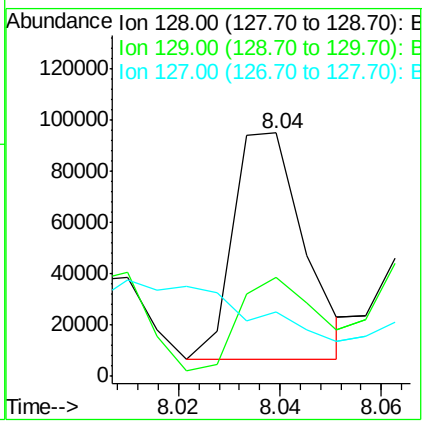


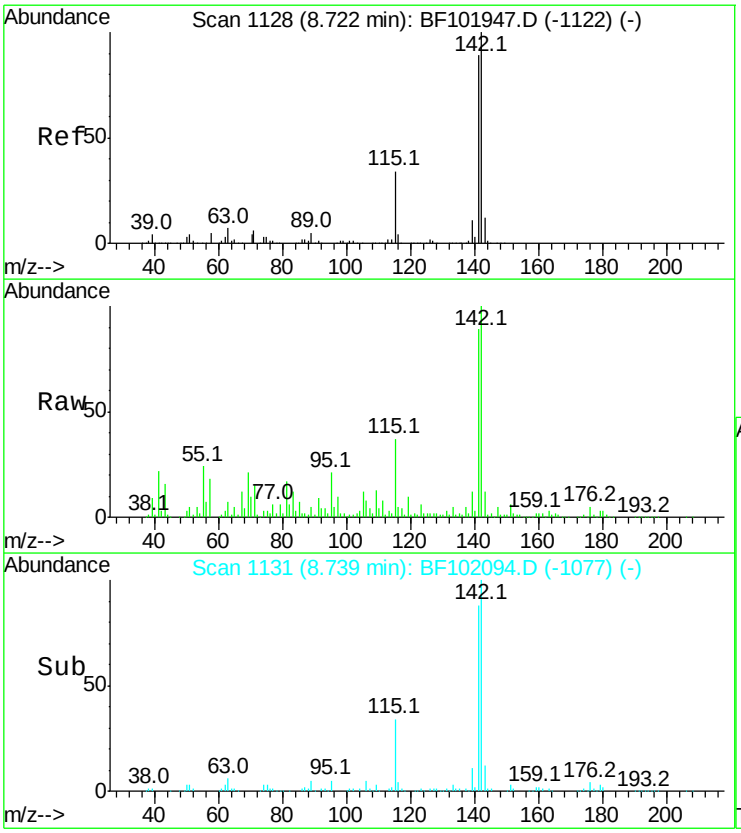
#31
Naphthalene
Concen: 7.580 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:128 Resp: 86025

Ion	Ratio	Lower	Upper
128	100		
129	40.6	8.8	13.2#
127	26.5	10.9	16.3#

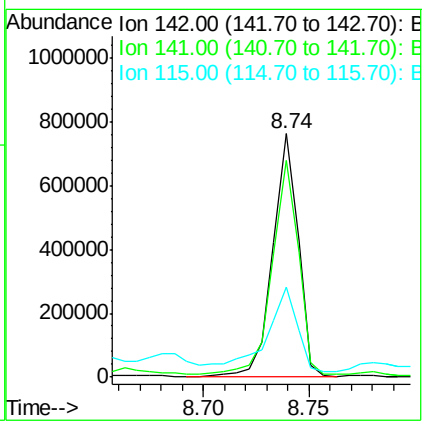


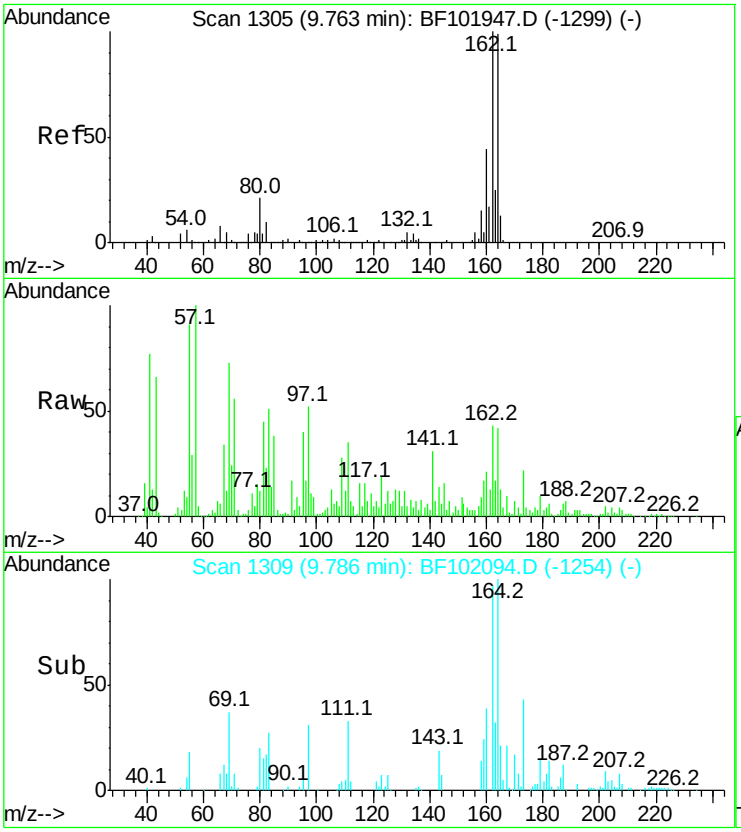


#37
2-Methylnaphthalene
Concen: 85.189 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:142 Resp: 636449

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	36.8	26.1	39.1



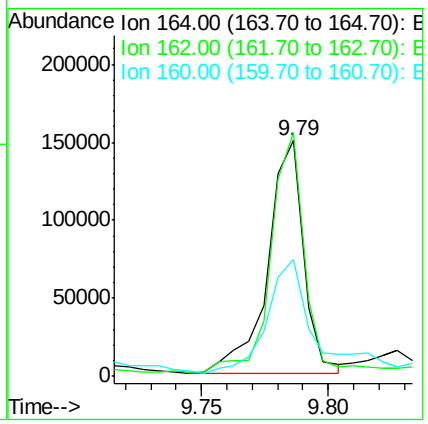


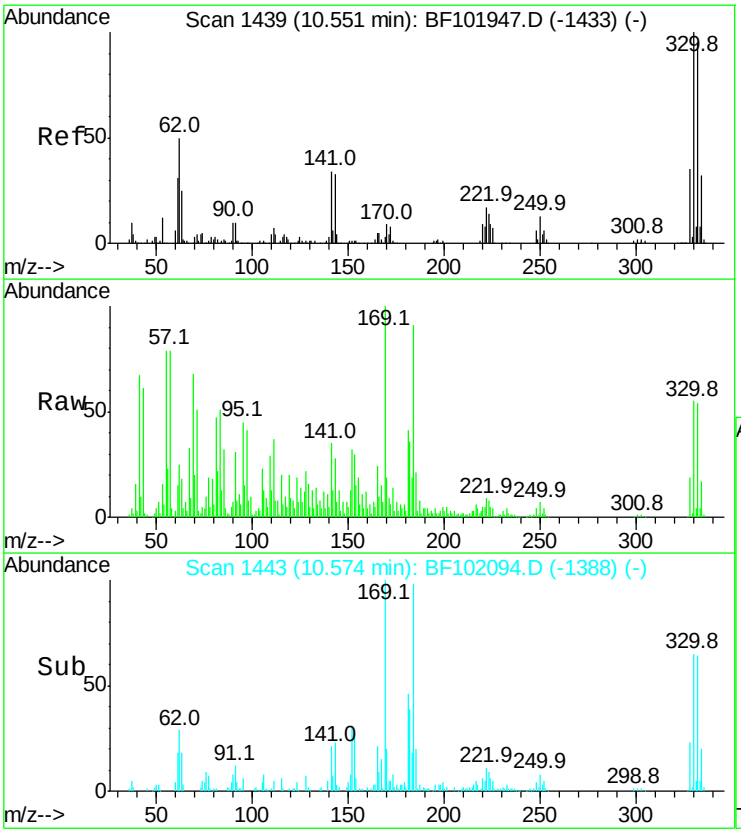
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:164 Resp: 146704

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	49.7	38.3	57.5

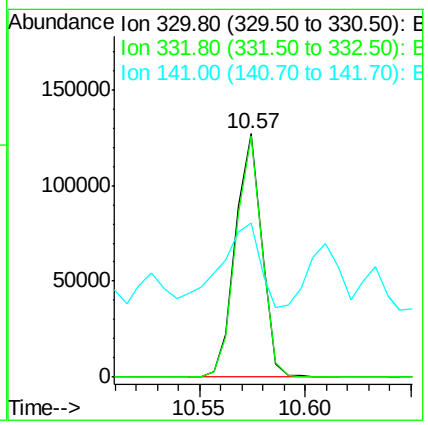


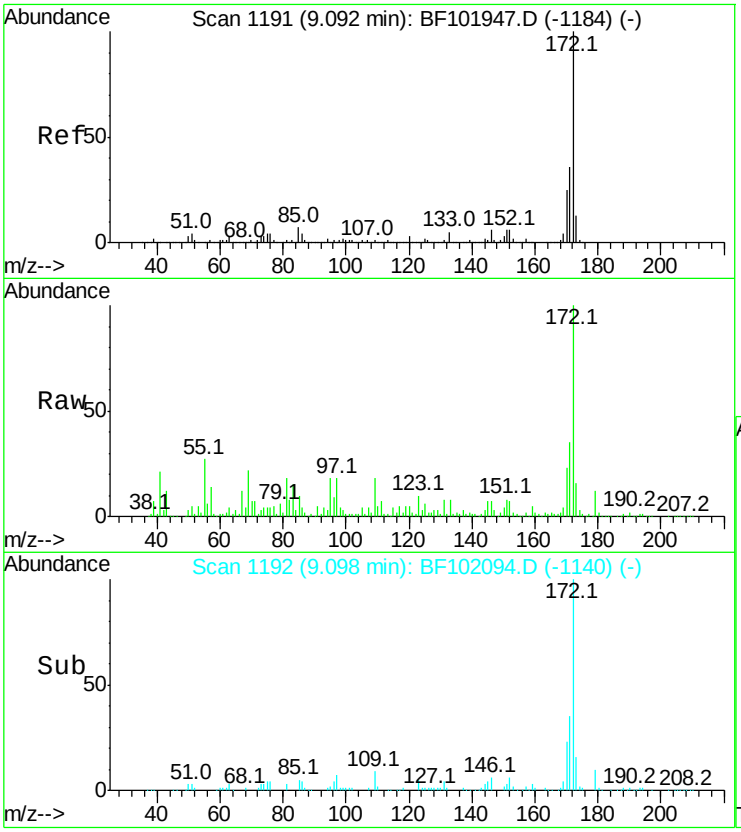


#41
2,4,6-Tribromophenol
Concen: 85.146 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:330 Resp: 109010

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	52.3	29.9	44.9#



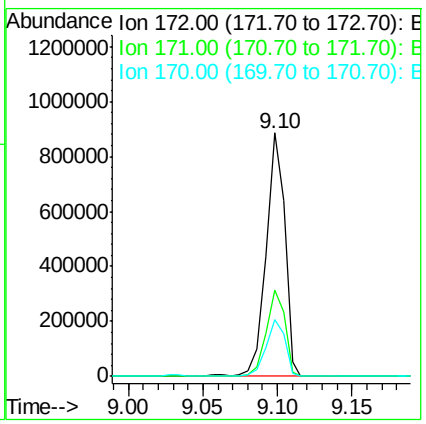


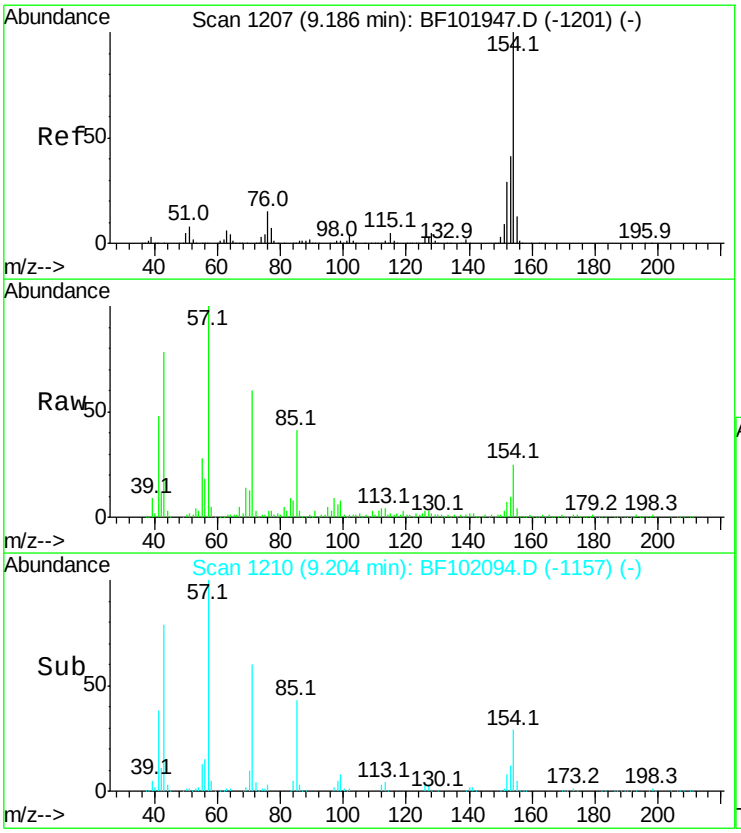
#44
2-Fluorobiphenyl
Concen: 81.049 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:172 Resp: 761089

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4

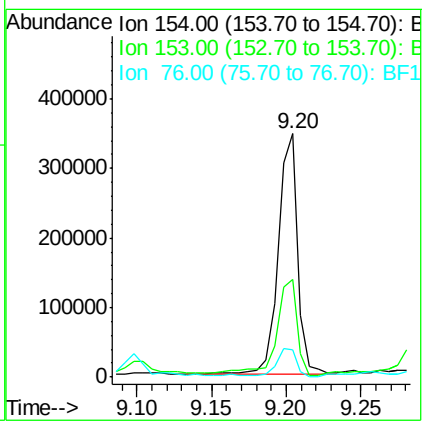


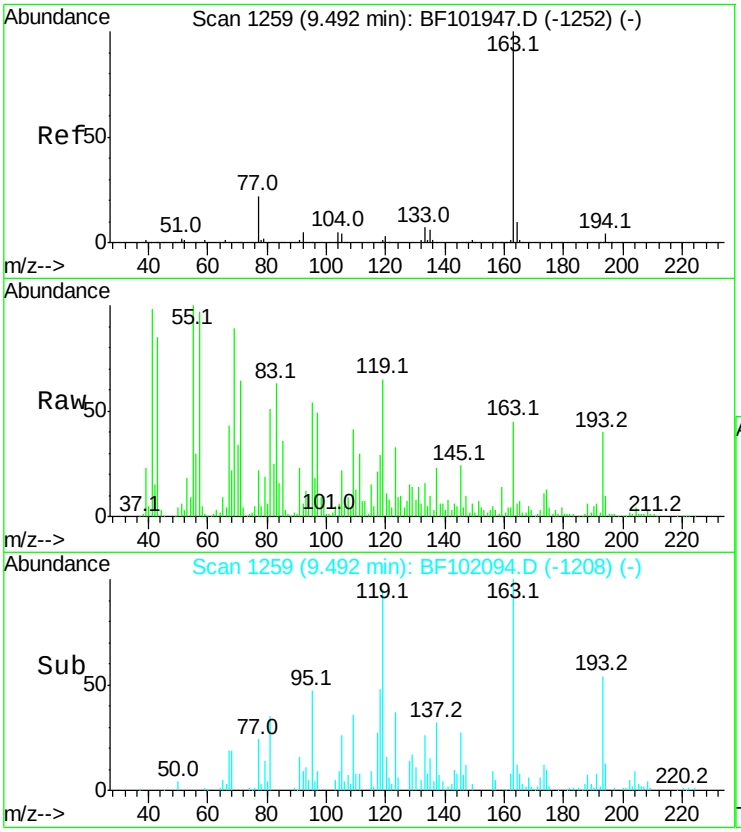


#45
1,1'-Biphenyl
Concen: 24.358 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:154 Resp: 315846

Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	11.1	0.0	34.0



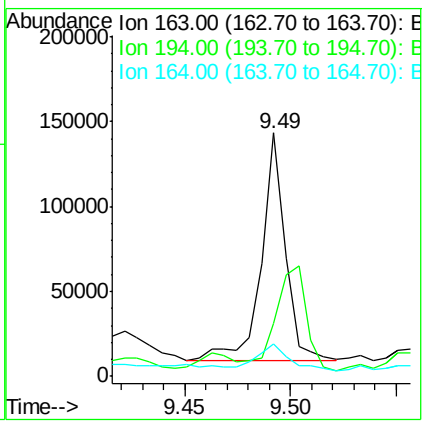


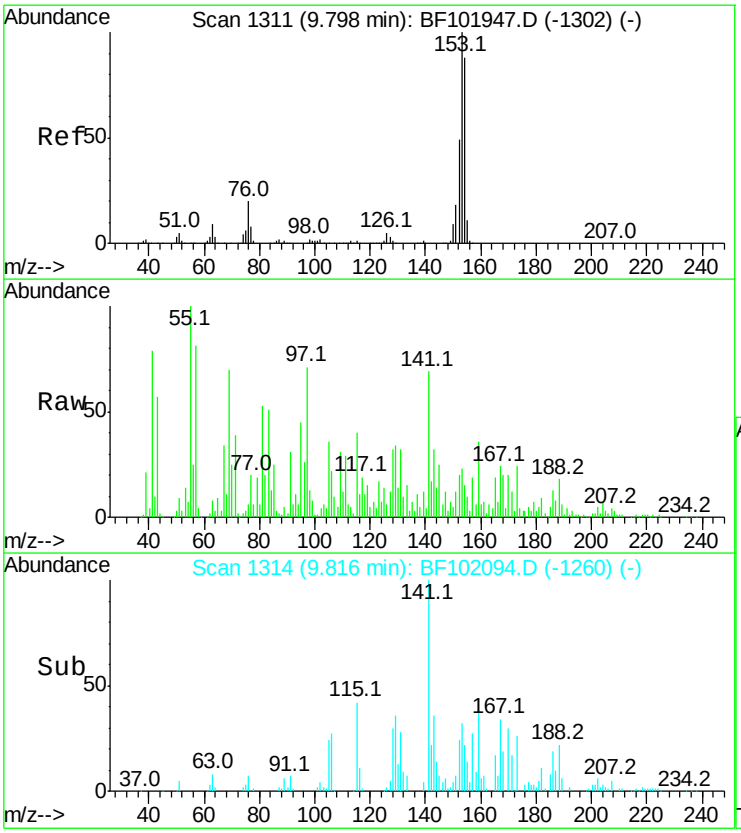
#49
Dimethylphthalate
Concen: 8.995 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:163 Resp: 105857

Ion	Ratio	Lower	Upper
163	100		
194	21.9	2.7	4.1#
164	13.6	8.2	12.2#

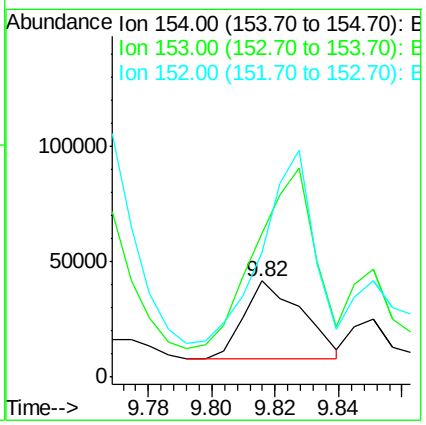


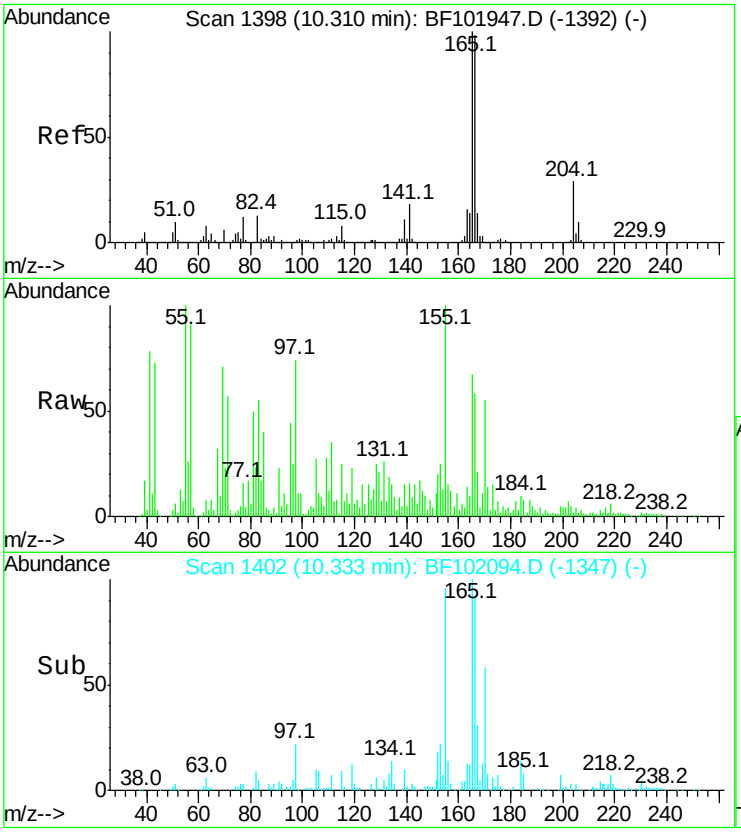


#51
Acenaphthene
Concen: 4.404 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:154 Resp: 42654

Ion	Ratio	Lower	Upper
154	100		
153	150.1	91.2	136.8#
152	129.3	43.8	65.8#



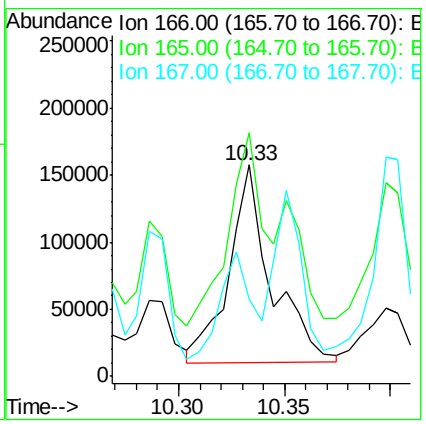


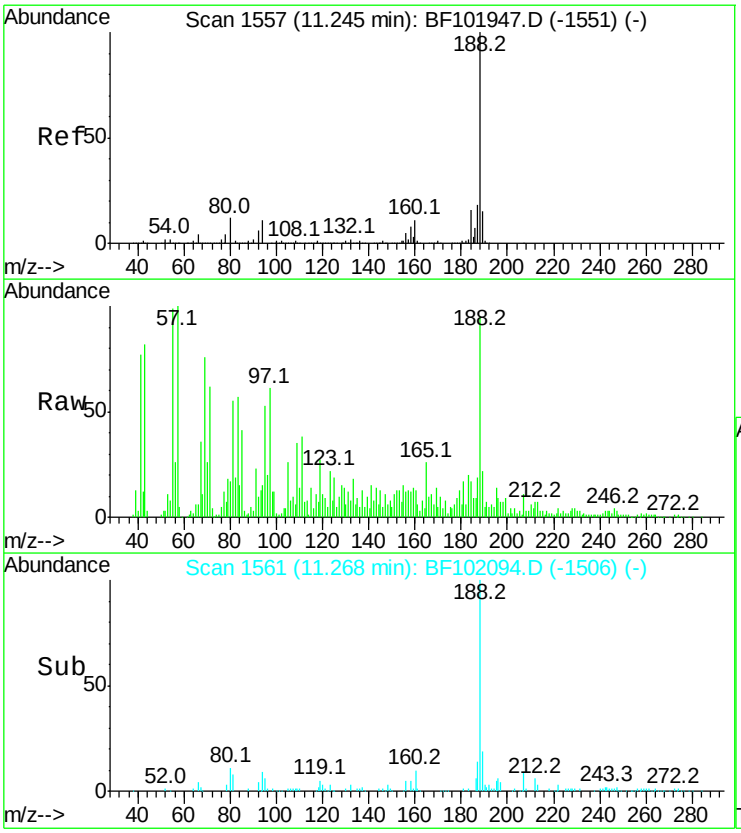
#57
Fluorene
Concen: 22.044 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:166 Resp: 202566

Ion	Ratio	Lower	Upper
166	100		
165	115.3	79.8	119.8
167	36.4	10.6	16.0#

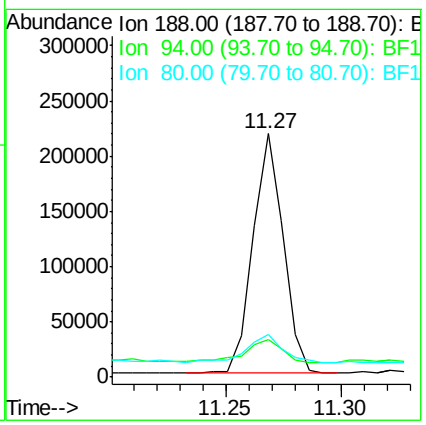


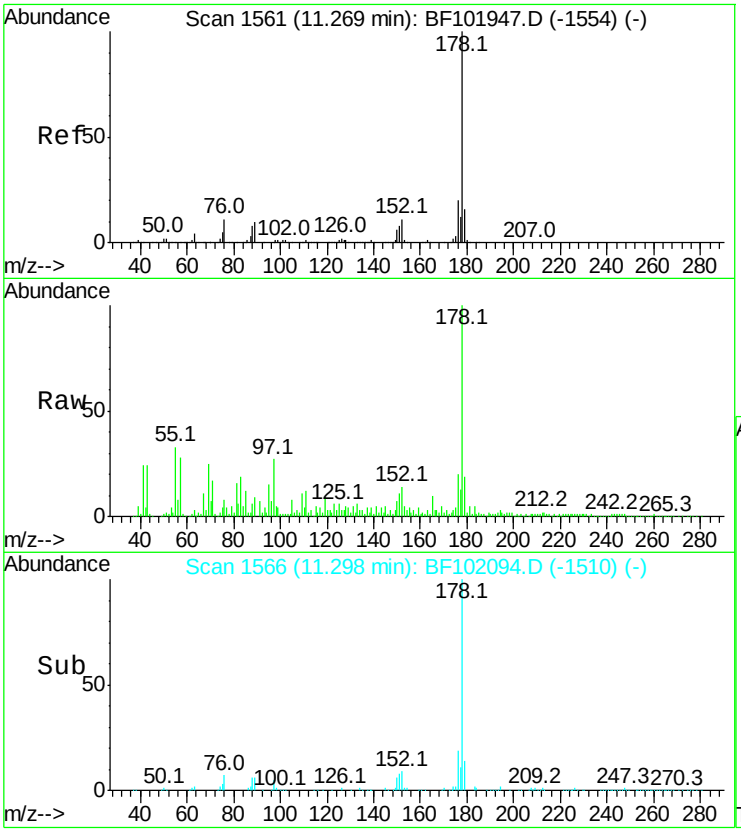


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:188 Resp: 199091

Ion	Ratio	Lower	Upper
188	100		
94	15.3	8.5	12.7#
80	17.3	9.2	13.8#



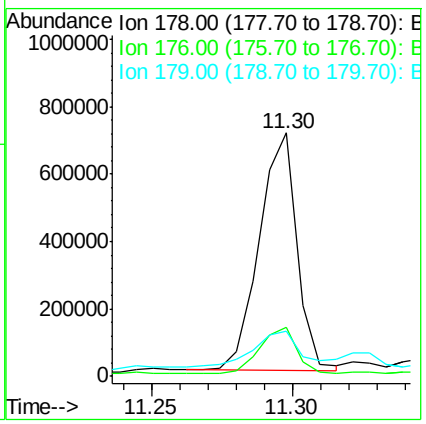


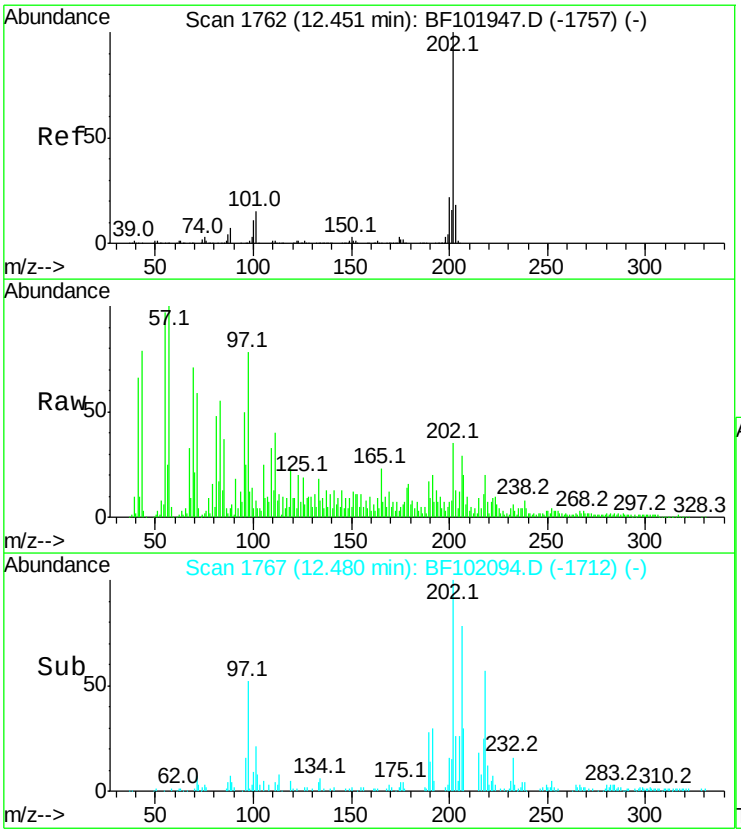
#70
Phenanthrene
Concen: 56.141 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.03 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:178 Resp: 652899

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	18.8	13.0	19.6

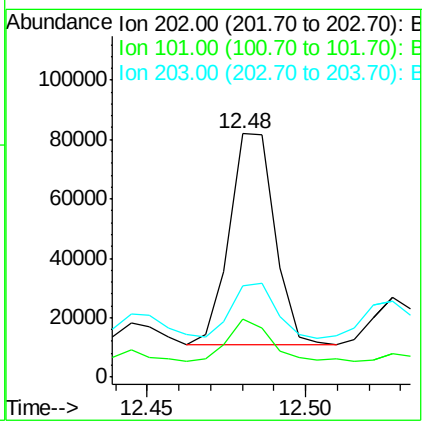


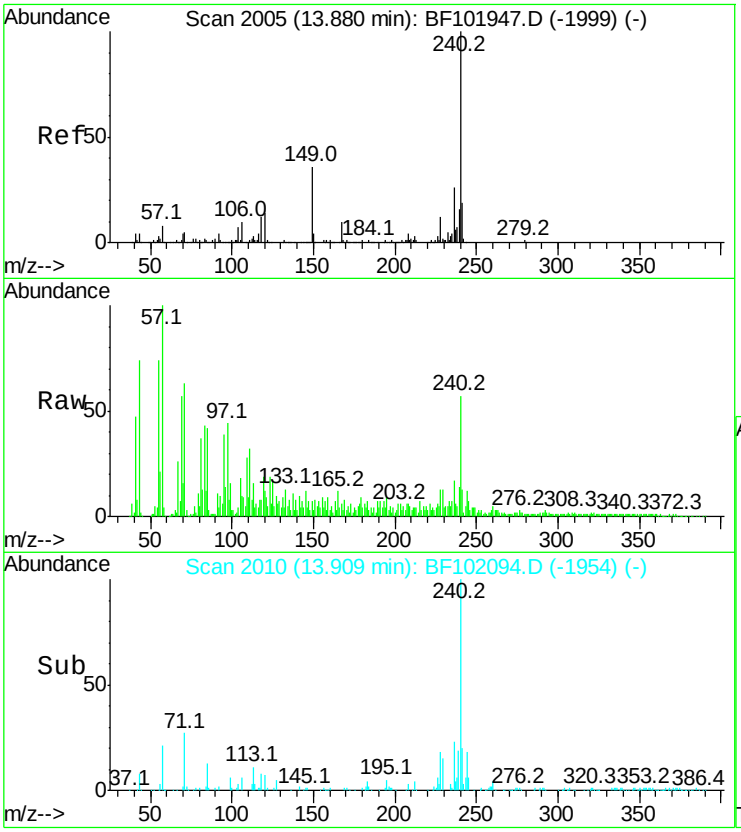


#74
Fluoranthene
Concen: 6.194 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:202 Resp: 70869

Ion	Ratio	Lower	Upper
202	100		
101	23.9	0.0	34.1
203	37.6	0.0	38.1



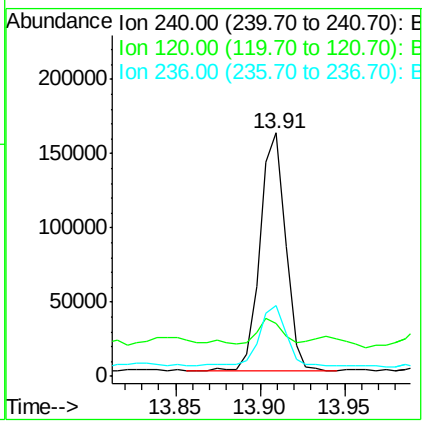


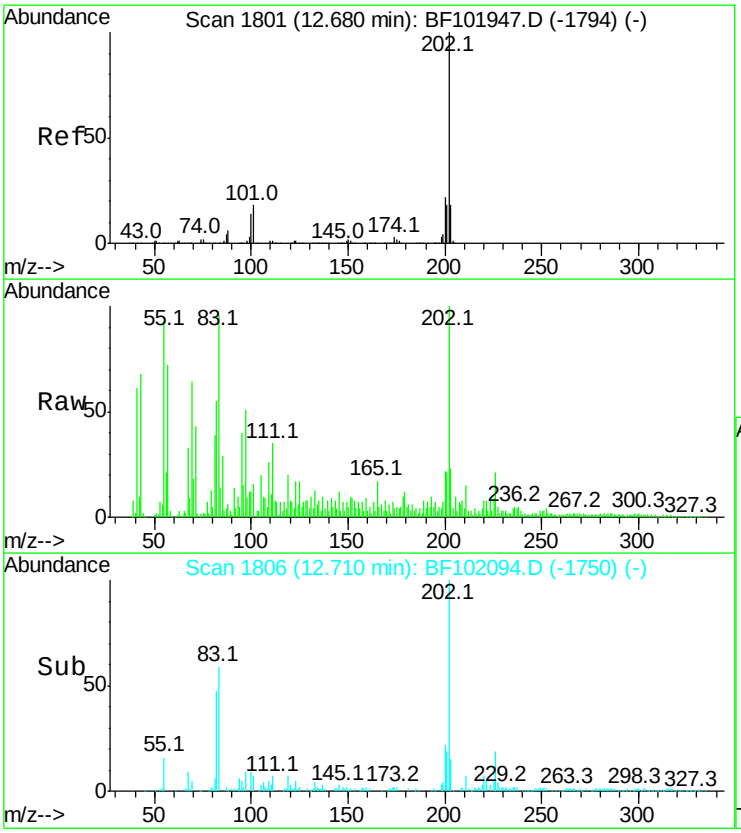
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.03 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:240 Resp: 170617

Ion	Ratio	Lower	Upper
240	100		
120	21.8	9.5	14.3#
236	29.3	20.7	31.1

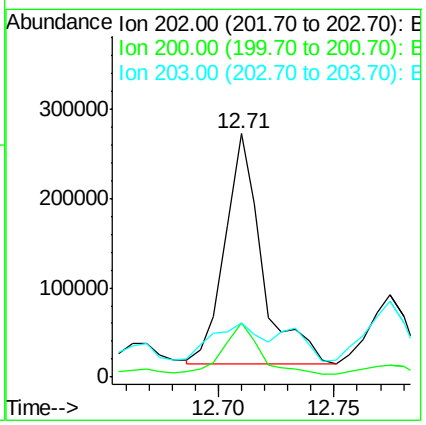


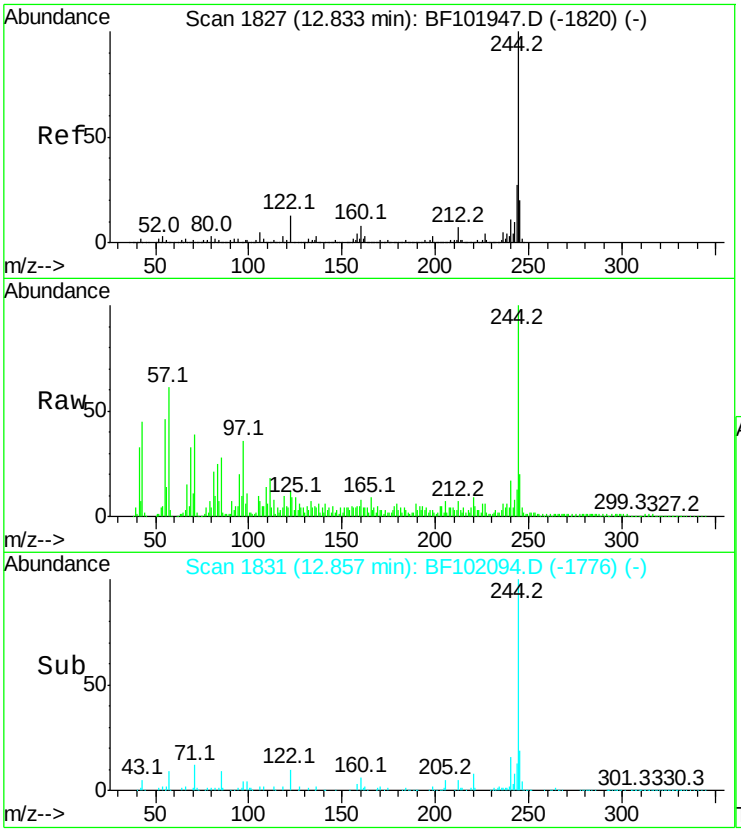


#77
Pyrene
Concen: 19.080 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.03 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:202 Resp: 287756

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	22.5	14.3	21.5#



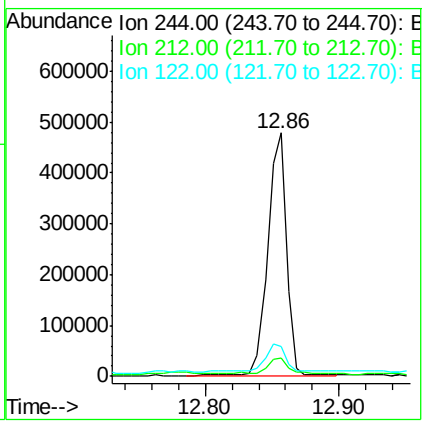


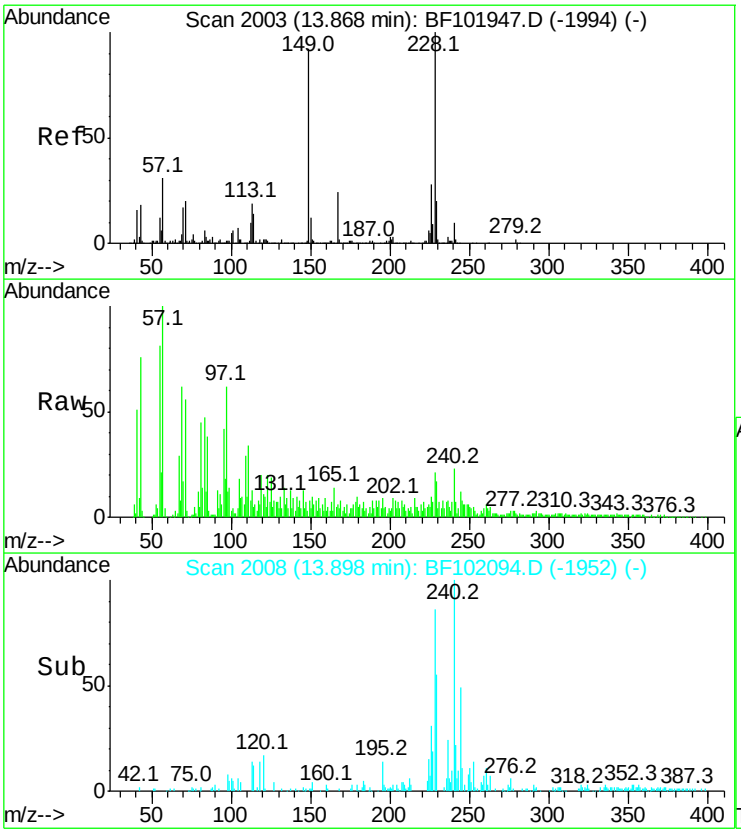
#78
Terphenyl-d14
Concen: 56.567 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:244 Resp: 464842

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.1	11.0	16.4

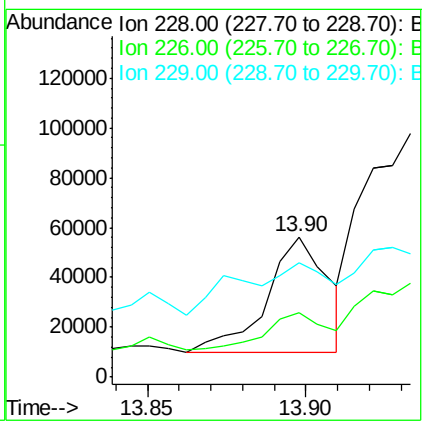


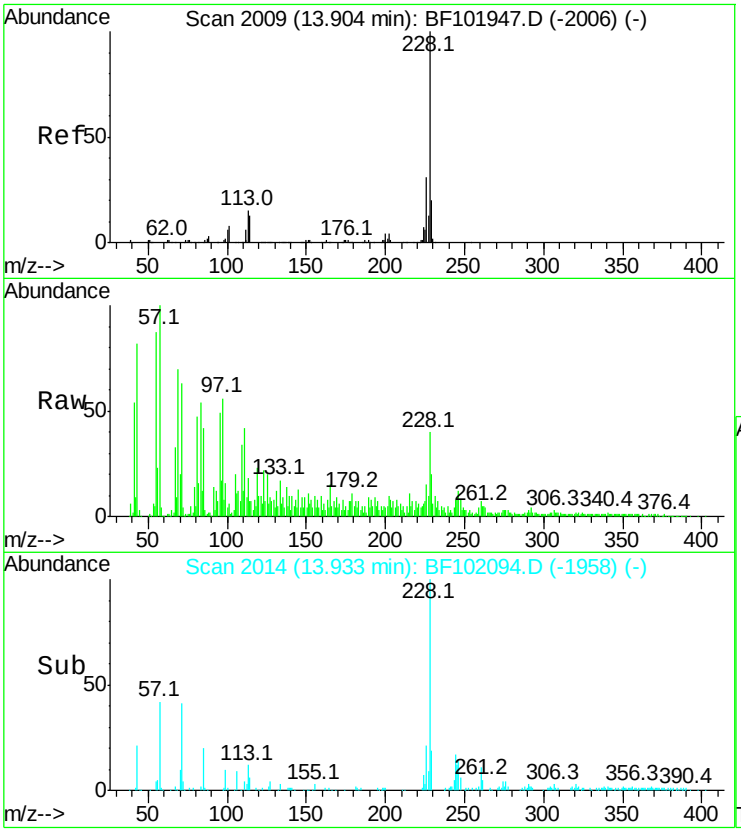


#80
Benzo(a)anthracene
Concen: 5.717 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:228 Resp: 62237

Ion	Ratio	Lower	Upper
228	100		
226	45.9	22.6	33.8#
229	81.3	15.8	23.6#



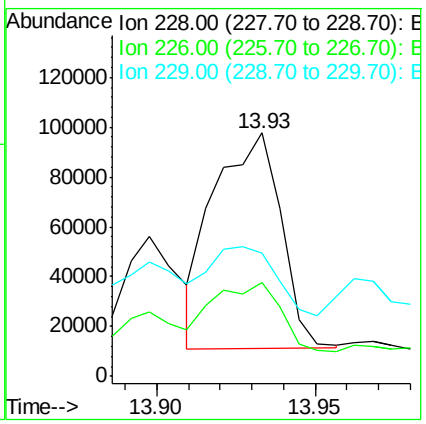


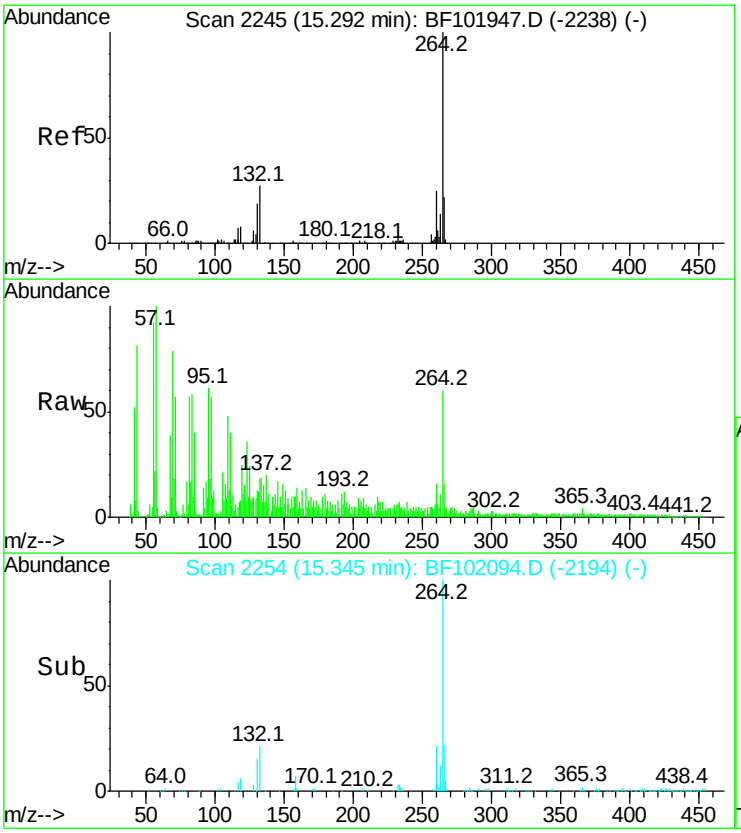
#82
Chrysene
Concen: 11.251 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Instrument :
BNA_F
ClientSampleId :
UST-1_14.5-15.0

Tgt Ion:228 Resp: 127712

Ion	Ratio	Lower	Upper
228	100		
226	38.6	25.0	37.6#
229	50.5	16.2	24.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.05 min
Lab File: BF102094.D
Acq: 16 Jan 2018 7:24

Tgt Ion:264 Resp: 131810

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	26.1	17.5	26.3