Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110895.D
Acq On : 20 Nov 2018 15:39
Operator : JU/SJ
Sample : J6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-C

Manual Integrations APPROVED
Sohil
11/21/2018 3:17:50 PM

Quant Time: Nov 20 17:28:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59887	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	188030	20.00	ng		0.01
39) Acenaphthene-d10	10.03	164	92756	20.00	ng		0.04
64) Phenanthrene-d10	11.52	188	135384	20.00	ng		0.03
76) Chrysene-d12	14.13	240	173101	20.00	ng		0.00
87) Perylene-d12	15.67	264	157760	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	372946	101.15	ng		0.00
7) Phenol-d6	6.57	99	464771	98.58	ng		0.00
23) Nitrobenzene-d5	7.52	82	271251	83.08	ng		0.00
42) 2,4,6-Tribromophenol	10.83	330	60963	65.23	ng		0.04
45) 2-Fluorobiphenyl	9.33	172	364316	56.09	ng		0.02
79) Terphenyl-d14	13.07	244	397456	43.00	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.58	94	25920	4.741	ng		86
37) 2-Methylnaphthalene	8.99	142	3292690	569.028	ng		96
38) 1-Methylnaphthalene	9.08	142	1930610	346.923	ng	#	99
58) Fluorene	10.58	166	301127	47.230	ng	#	83
71) Phenanthrene	11.55	178	923923	127.382	ng	#	95
75) Fluoranthene	12.72	202	82370	11.327	ng		94
78) Pyrene	12.95	202	122110	9.162	ng	#	81
81) Benzo(a)anthracene	14.13	228	31825	3.076	ng	#	90
83) Chrysene	14.16	228	31690	3.215	ng	#	94
88) Benzo(b)fluoranthene	15.22	252	35343m	3.745	ng		
90) Benzo(a)pyrene	15.60	252	23066	2.690	ng	#	85

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

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Manual Integrations APPROVED
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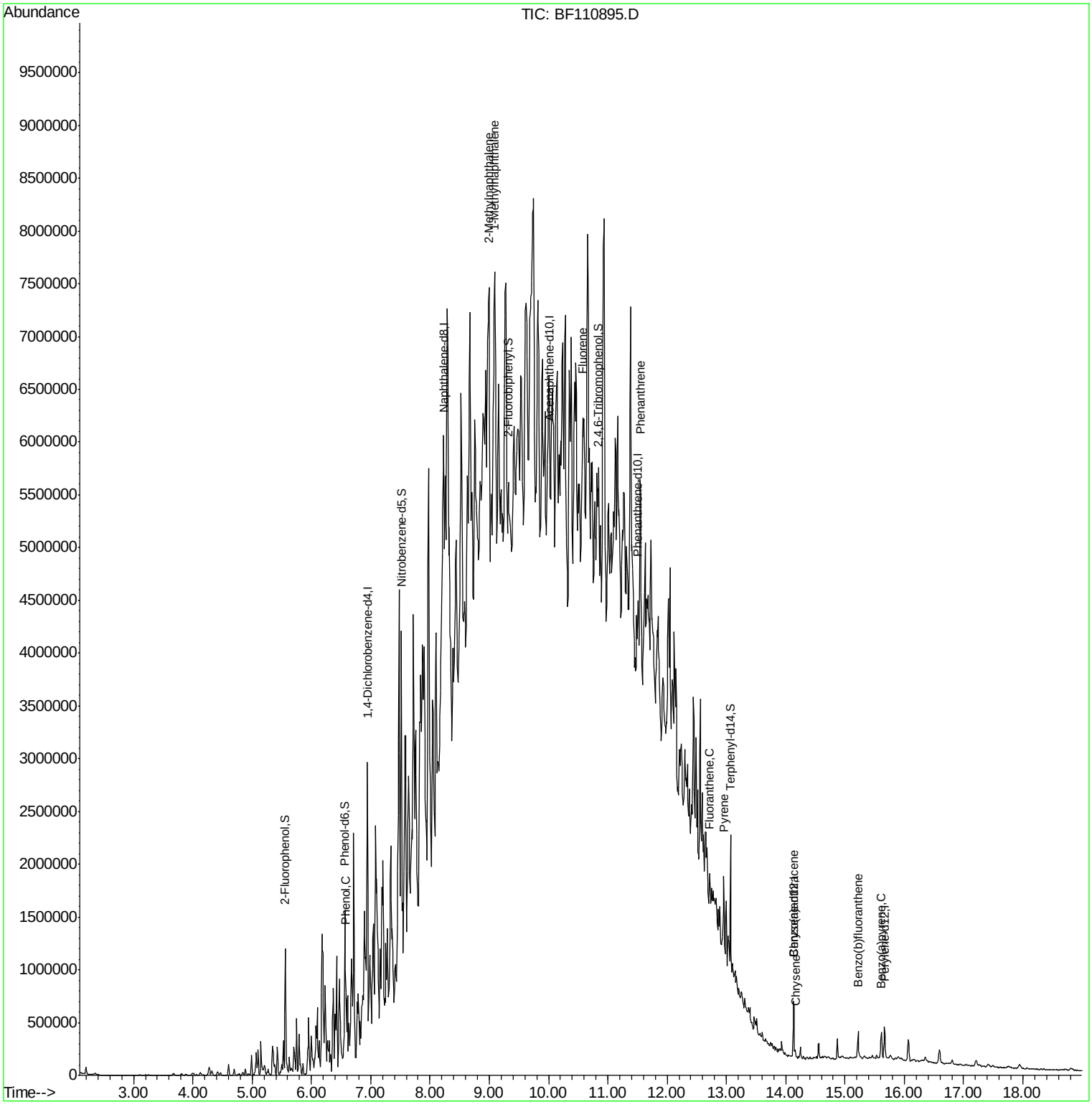
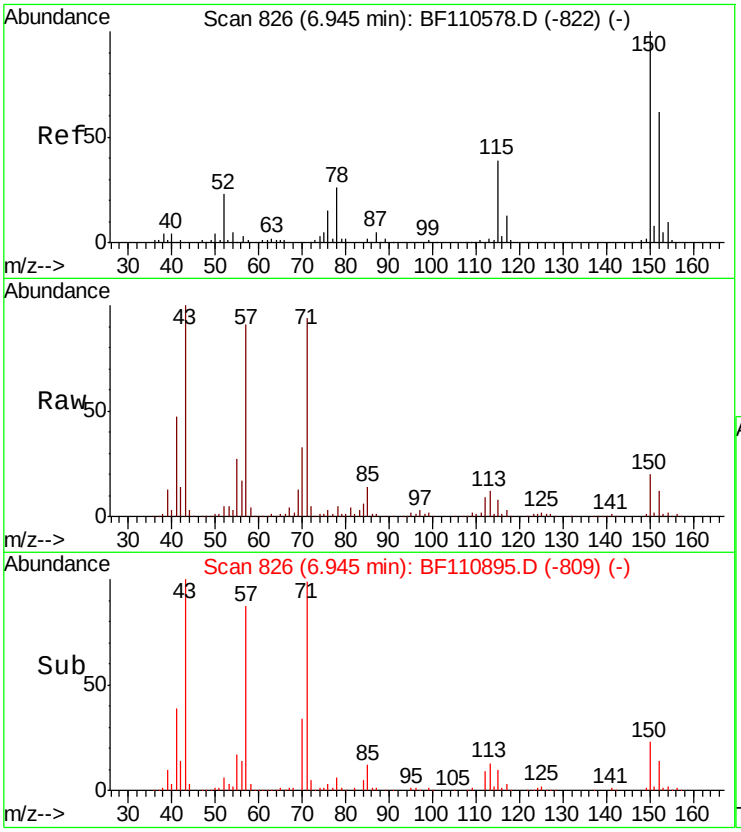
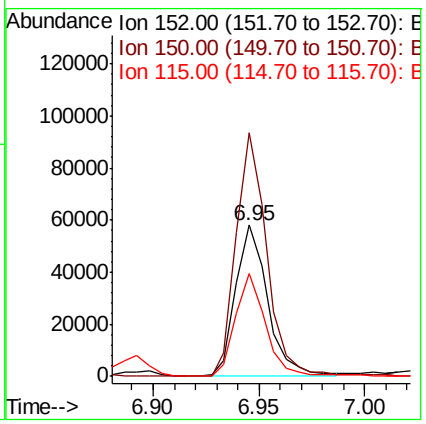




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:152 Resp: 59887

Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.7	184.1
115	68.3	49.1	73.7



Instrument :
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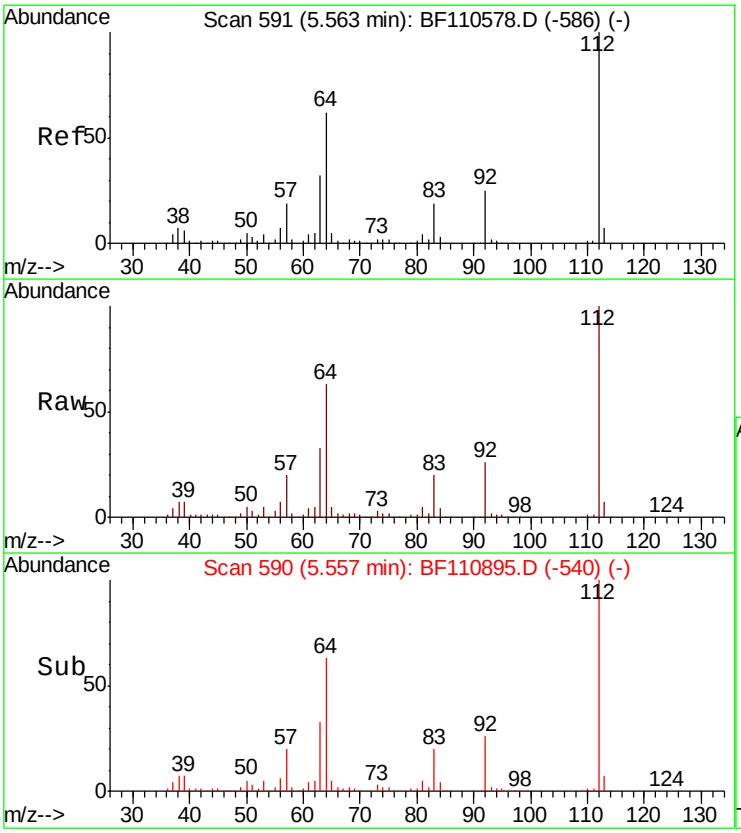
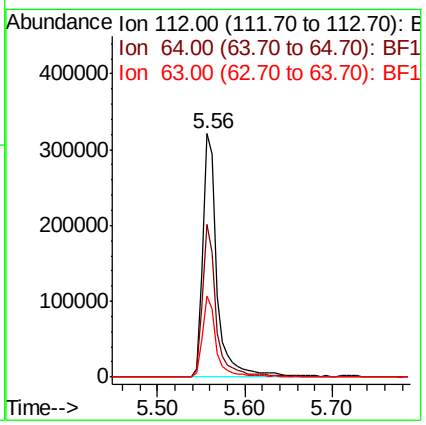
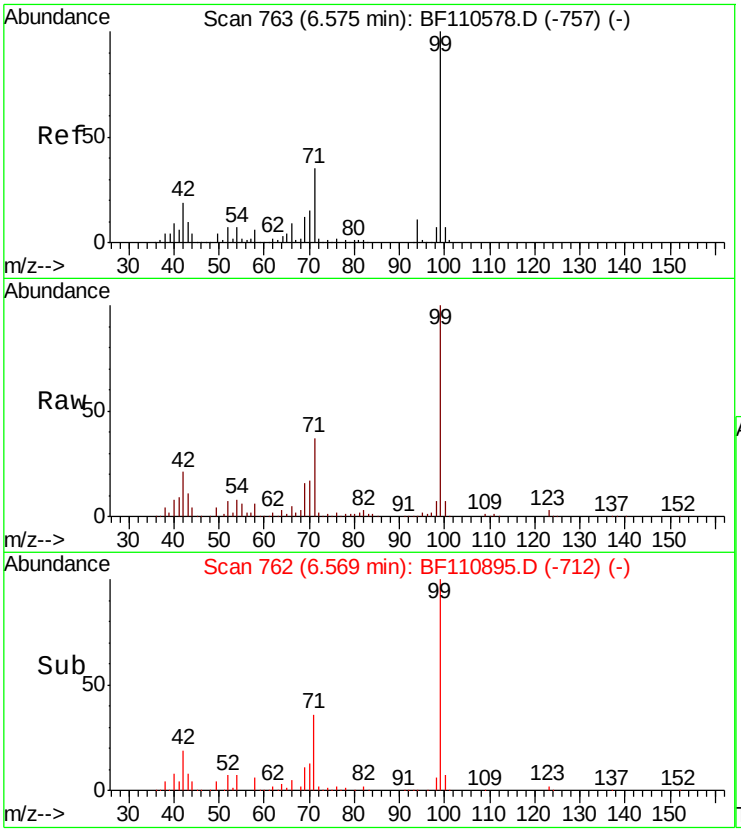


#5
2-Fluorophenol
Concen: 101.154 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:112 Resp: 372946

Ion	Ratio	Lower	Upper
112	100		
64	62.9	44.1	66.1
63	33.4	23.7	35.5

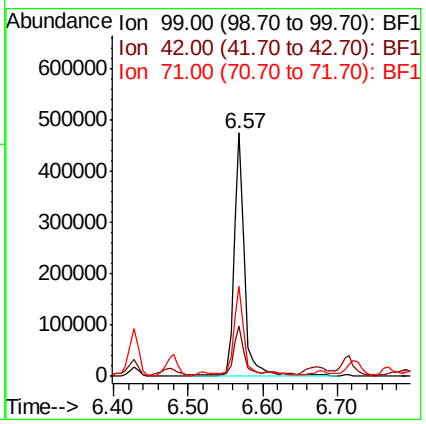




#7
Phenol-d6
Concen: 98.580 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion: 99 Resp: 464771

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.8	23.6
71	36.8	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-C

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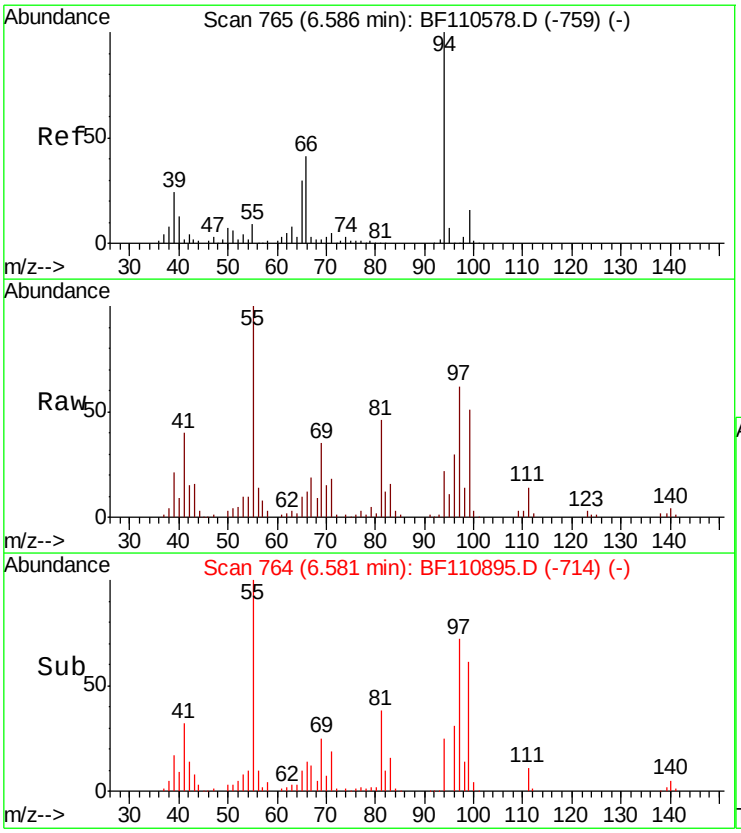
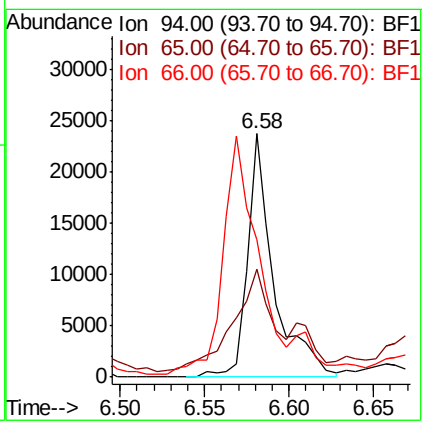
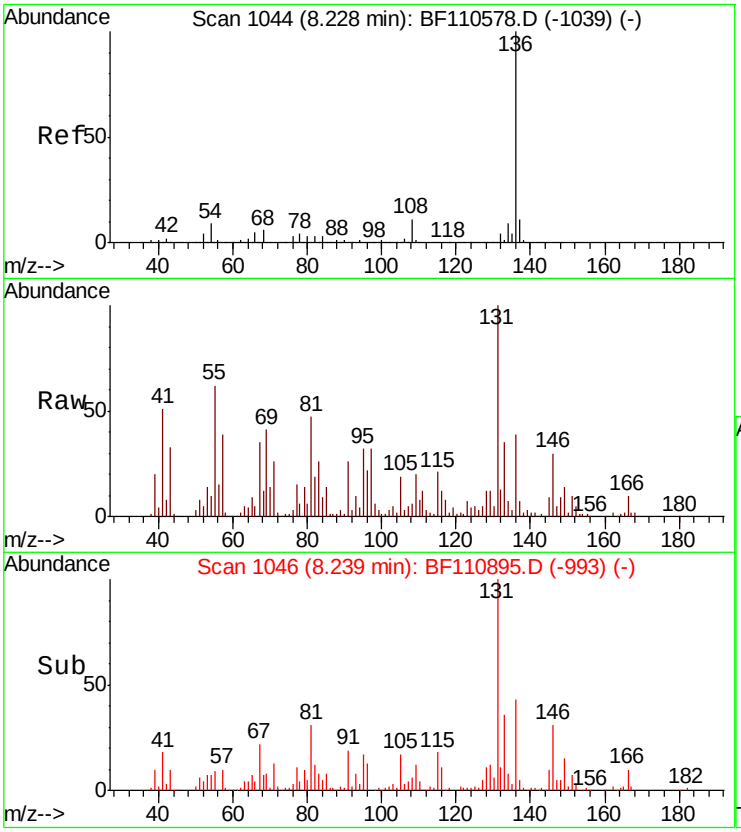


#10
Phenol
Concen: 4.741 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion: 94 Resp: 25920

Ion	Ratio	Lower	Upper
94	100		
65	44.3	25.3	65.3
66	56.5	54.5	94.5

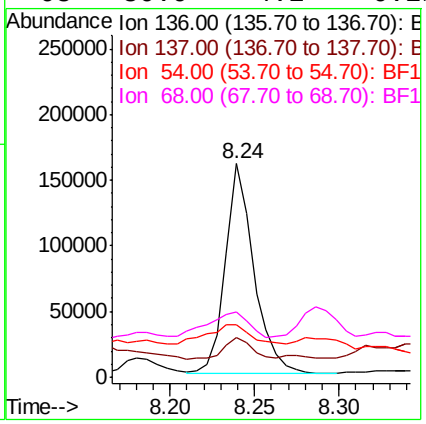




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:136 Resp: 188030

Ion	Ratio	Lower	Upper
136	100		
137	18.6	8.8	13.2#
54	24.8	5.4	8.2#
68	30.9	4.2	6.2#



Instrument :
BNA_F
ClientSampleId :
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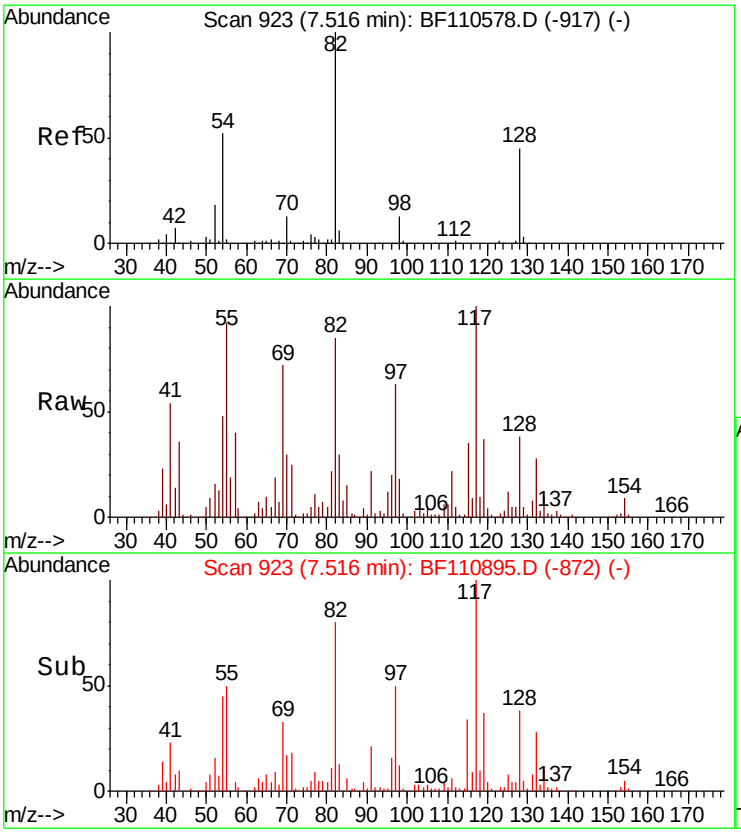
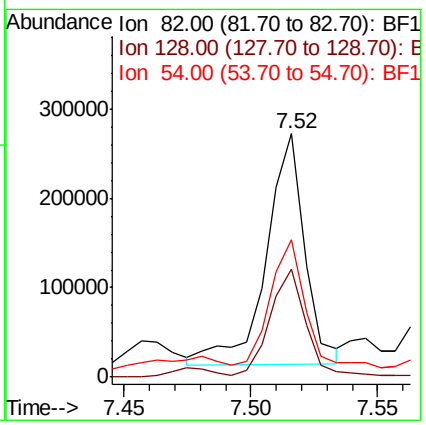
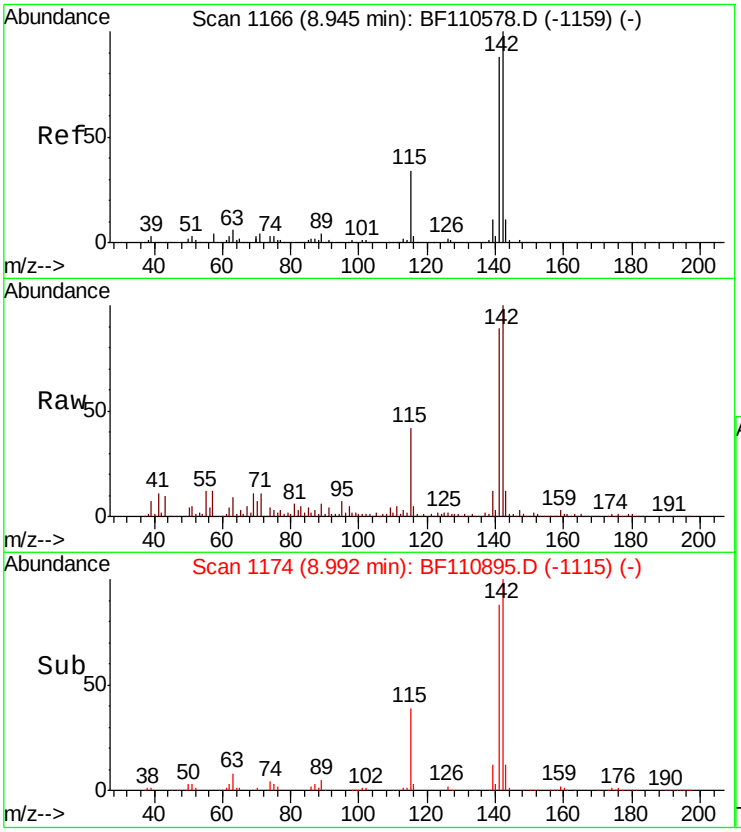


#23
Nitrobenzene-d5
Concen: 83.078 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion: 82 Resp: 271251

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	56.4	38.6	58.0

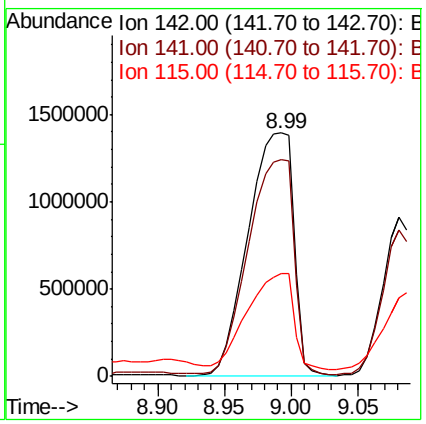




#37
2-Methylnaphthalene
Concen: 569.028 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.05 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:142 Resp: 3292690

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	42.3	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-C

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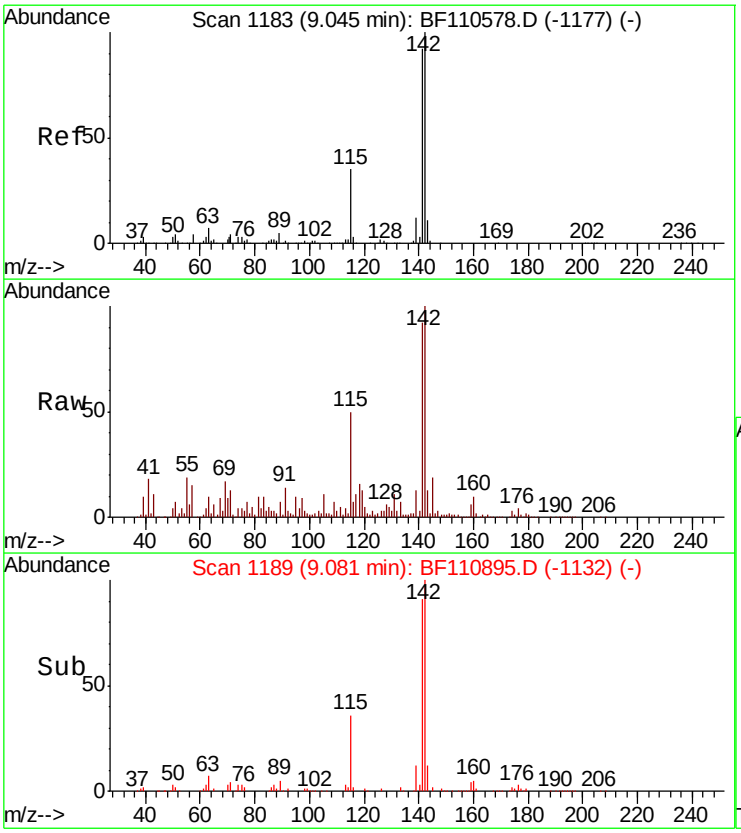
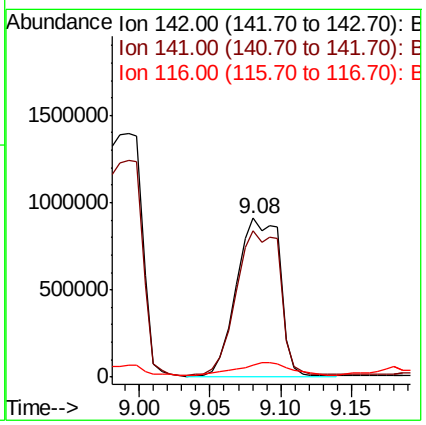
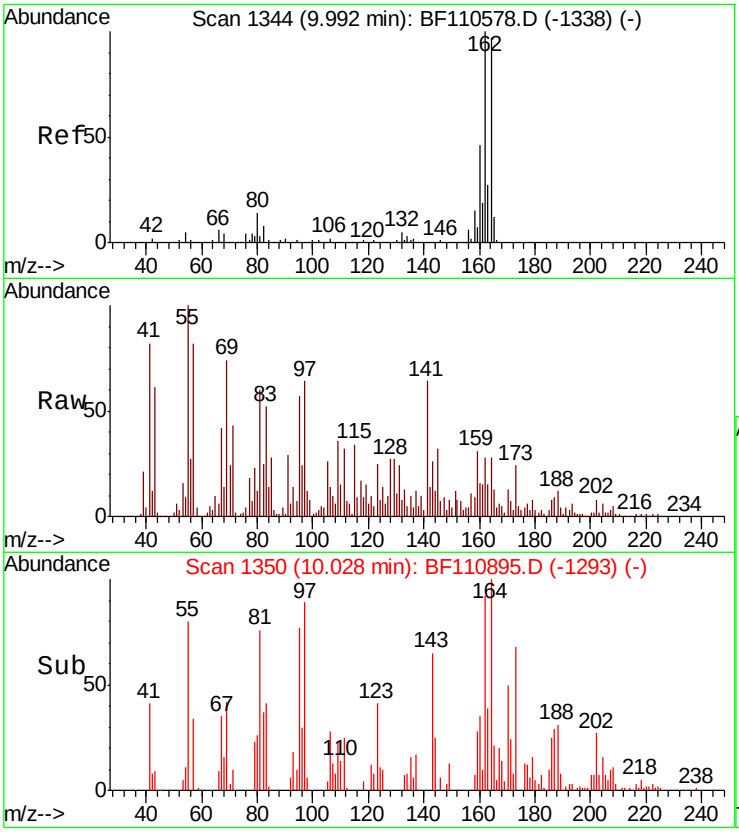


#38
1-Methylnaphthalene
Concen: 346.923 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:142 Resp: 1930610

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	7.3	2.6	4.0#

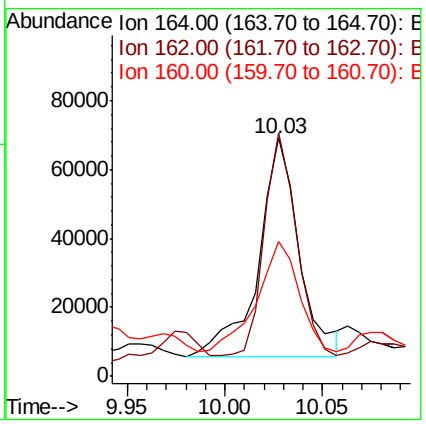




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:164 Resp: 92756

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	56.7	37.0	55.6#



Instrument :
BNA_F
ClientSampleId :
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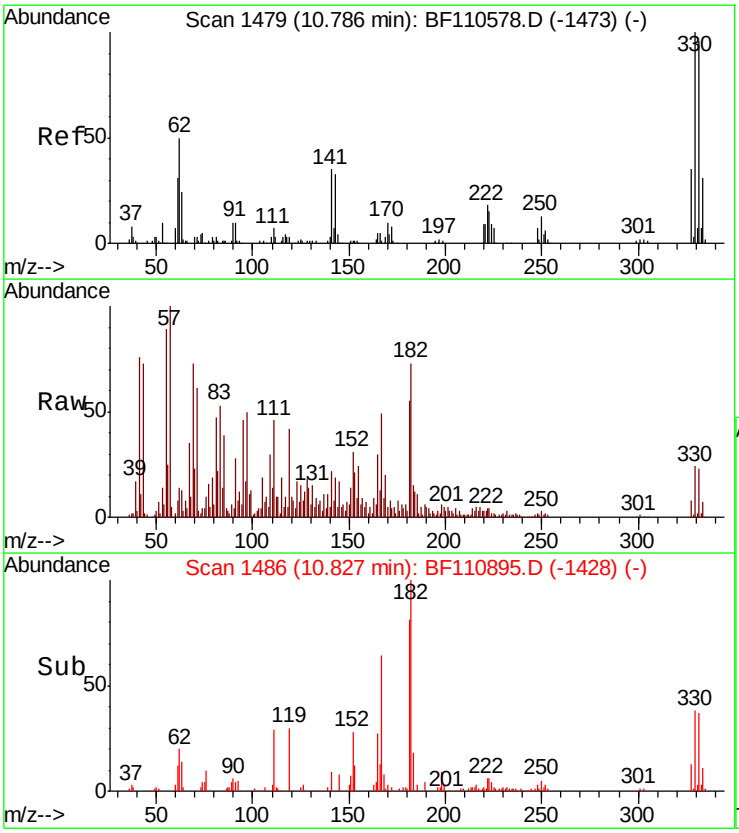
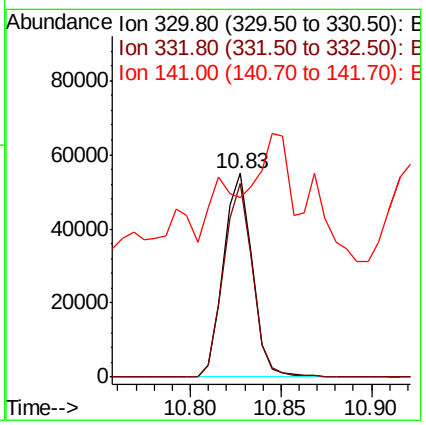
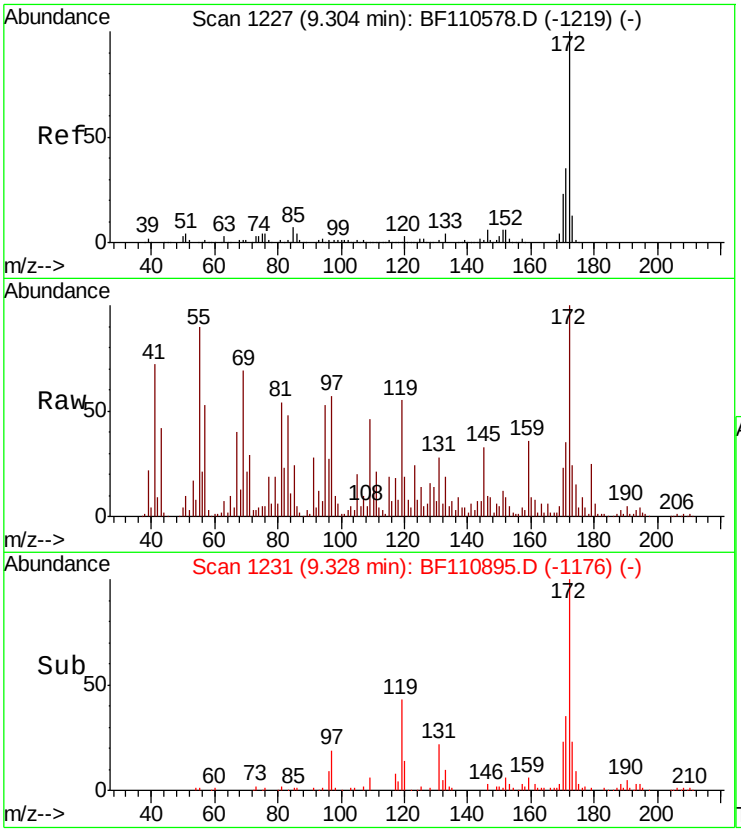


#42
2,4,6-Tribromophenol
Concen: 65.227 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:330 Resp: 60963

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	30.0	27.0	40.4

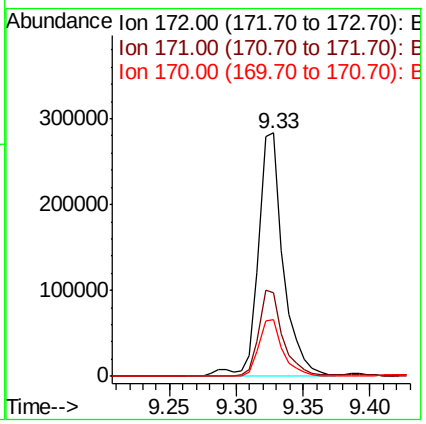




#45
2-Fluorobiphenyl
Concen: 56.094 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.02 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:172 Resp: 364316

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.3	19.7	29.5



Instrument :
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ClientSampleId :
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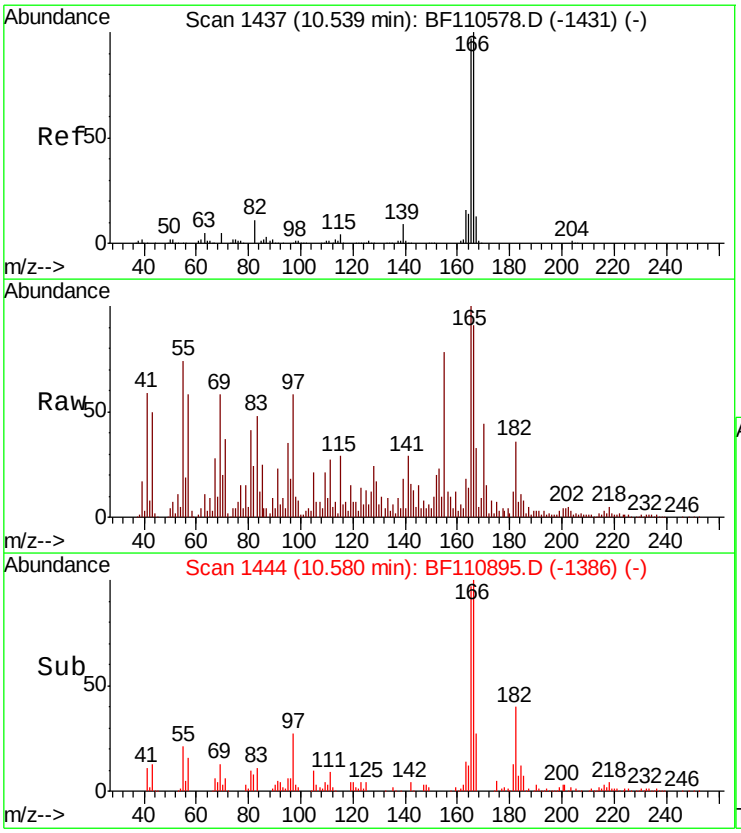
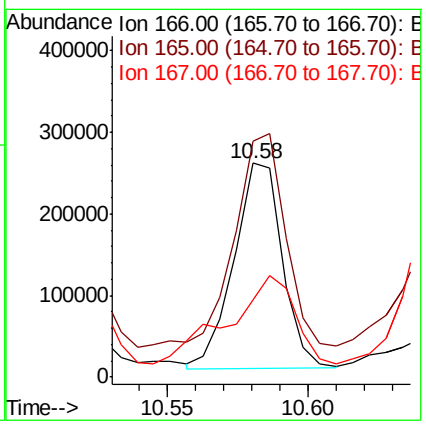
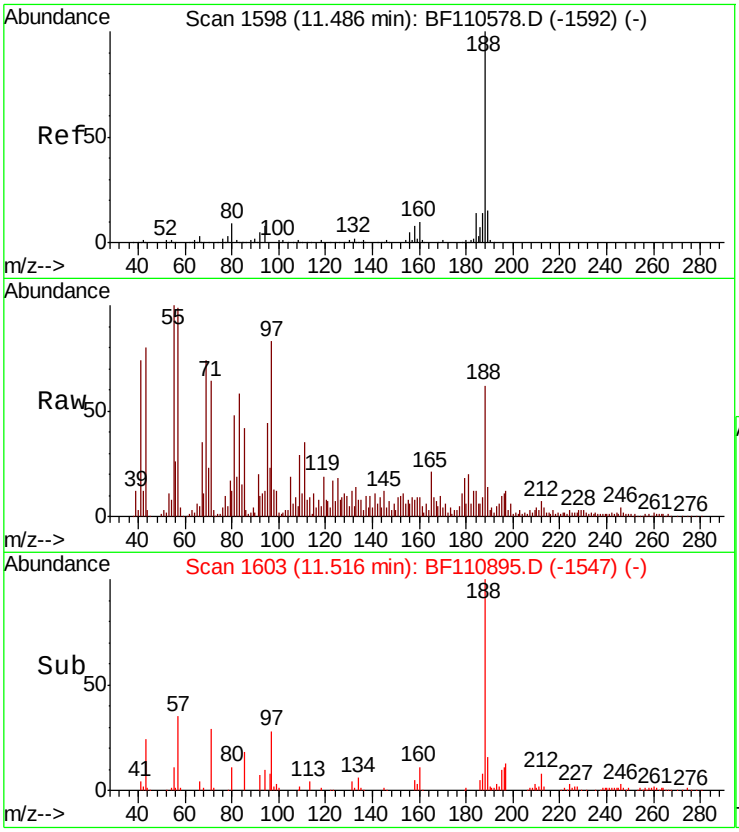


#58
Fluorene
Concen: 47.230 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:166 Resp: 301127

Ion	Ratio	Lower	Upper
166	100		
165	110.1	78.6	117.8
167	36.3	10.8	16.2#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.03 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:188 Resp: 135384

Ion	Ratio	Lower	Upper
188	100		
94	18.6	7.2	10.8#
80	19.6	7.9	11.9#

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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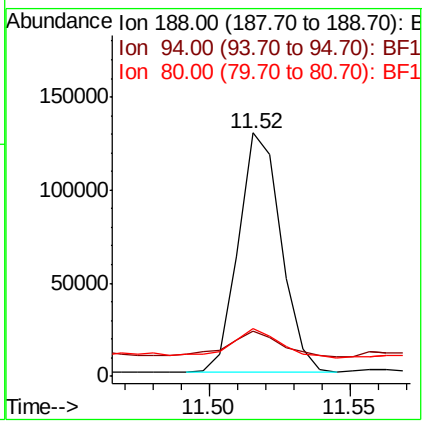
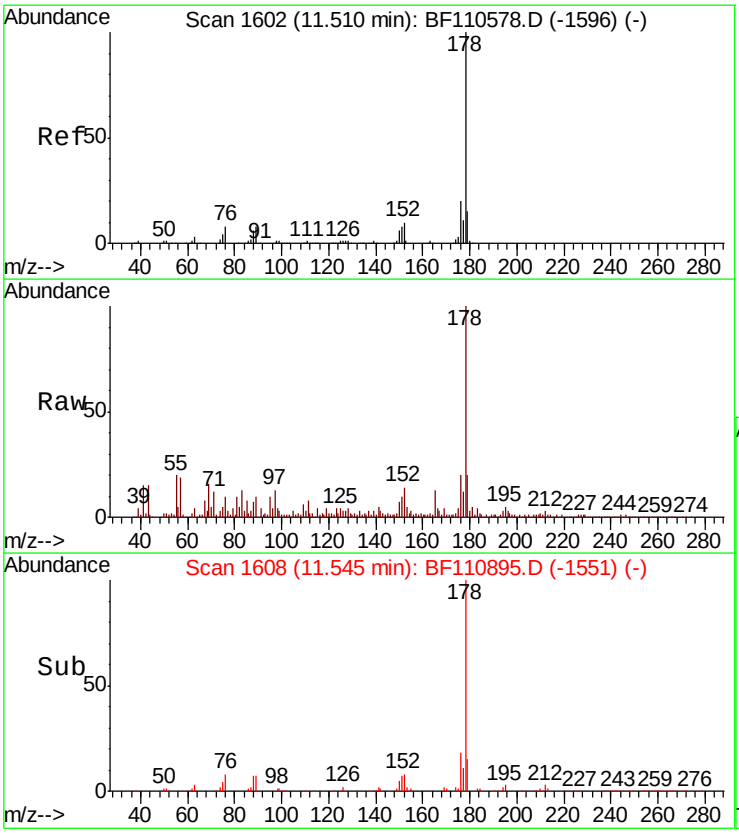
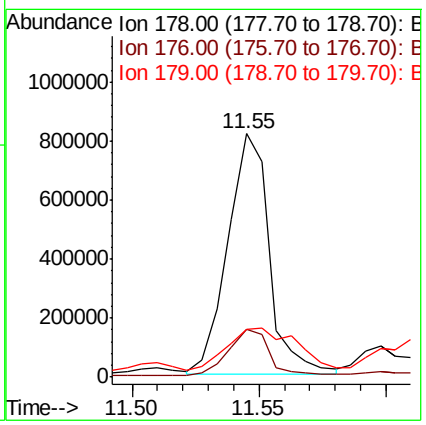


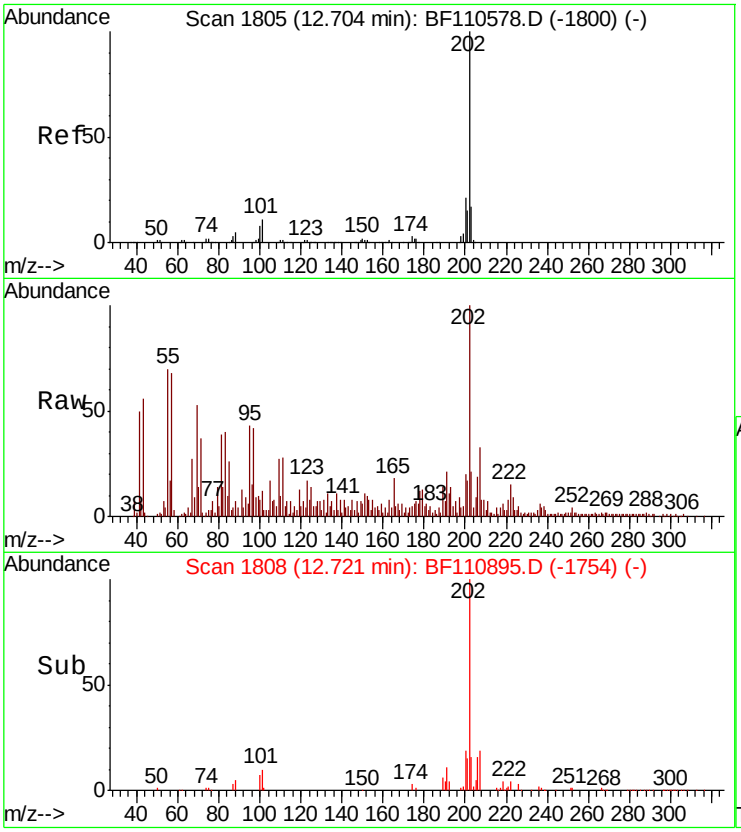


#71
Phenanthrene
Concen: 127.382 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:178 Resp: 923923

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	19.7	12.5	18.7#

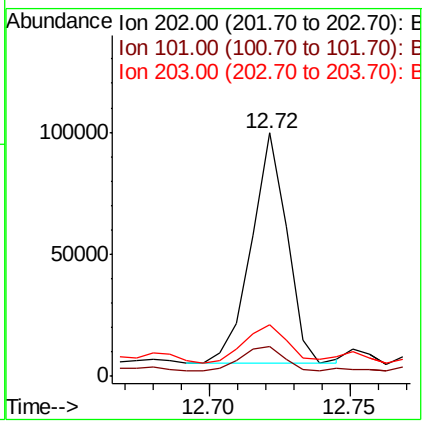




#75
Fluoranthene
Concen: 11.327 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.02 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:202 Resp: 82370

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	21.5	0.0	37.7



Instrument :
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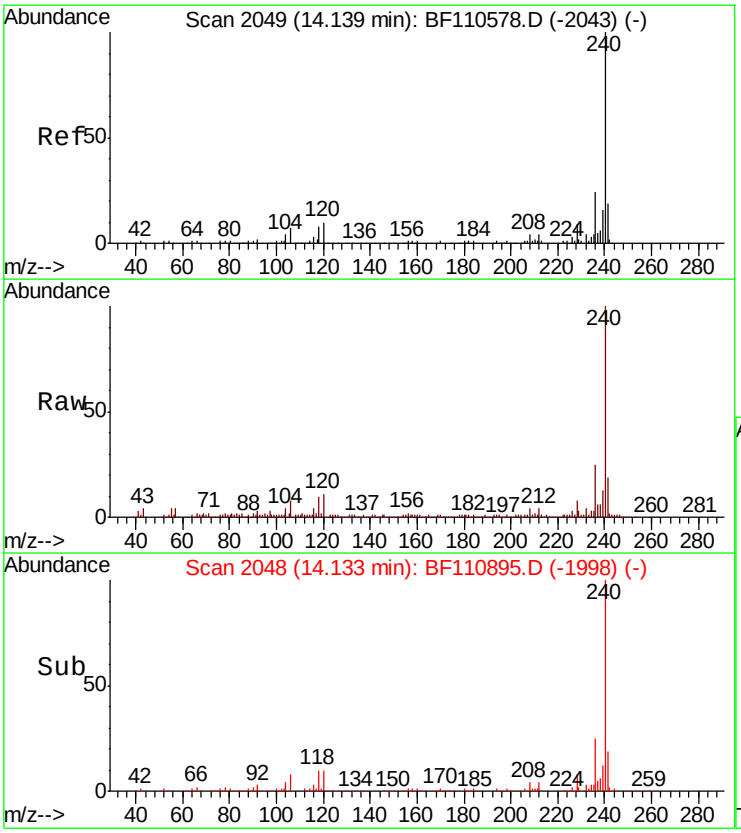
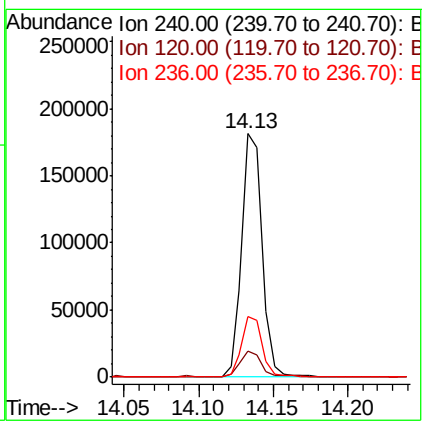
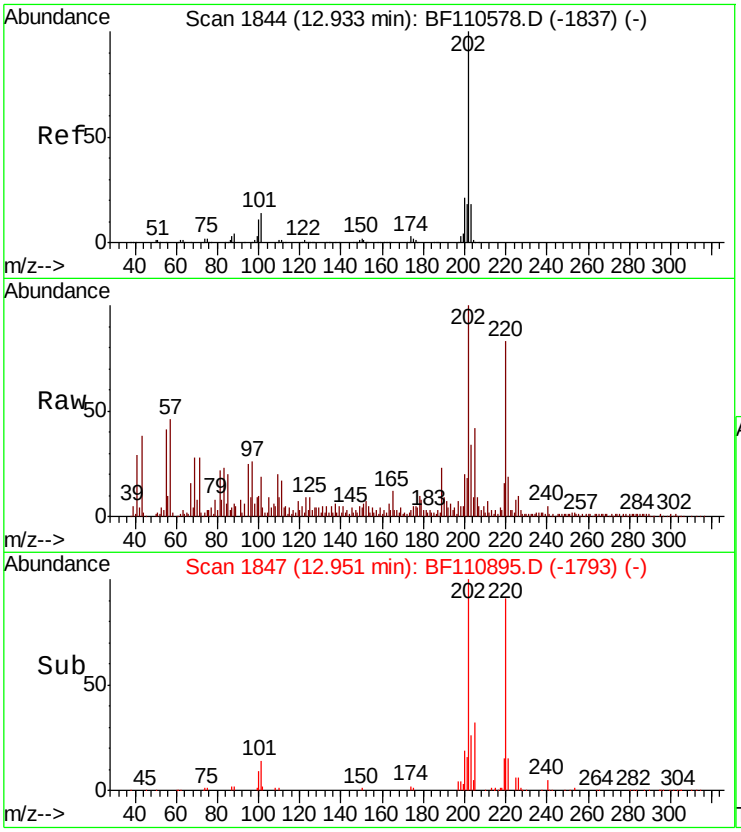


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:240 Resp: 173101

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.1	21.2	31.8





#78
Pyrene
Concen: 9.162 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.02 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:202 Resp: 122110

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.8	26.6
203	34.0	14.2	21.4#

Instrument :
BNA_F
ClientSampleId :
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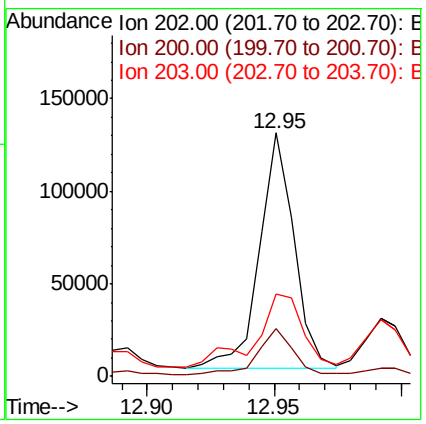
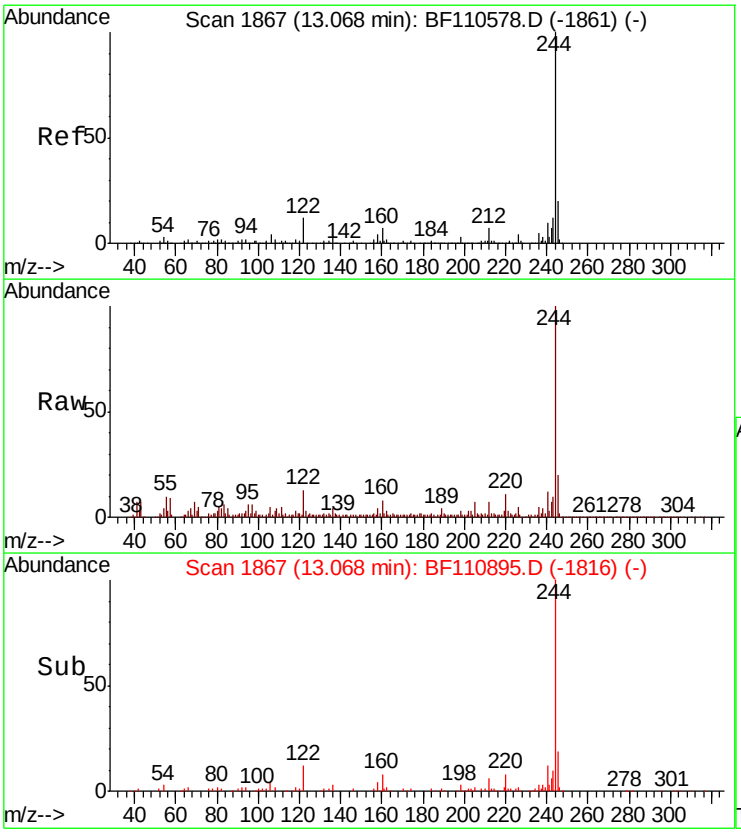
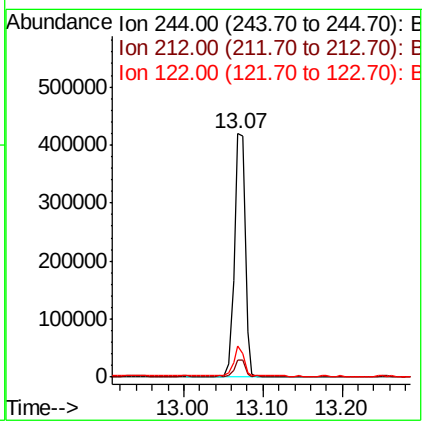


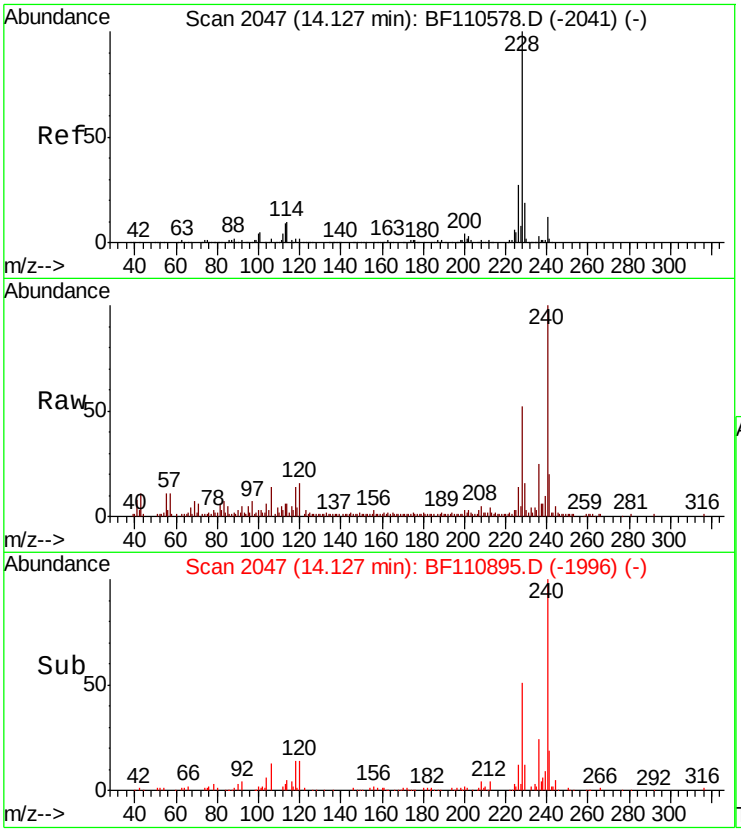


#79
Terphenyl-d14
Concen: 43.000 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:244 Resp: 397456

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.0	8.7	13.1





#81
Benzo(a)anthracene
Concen: 3.076 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:228 Resp: 31825

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	30.0	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-C

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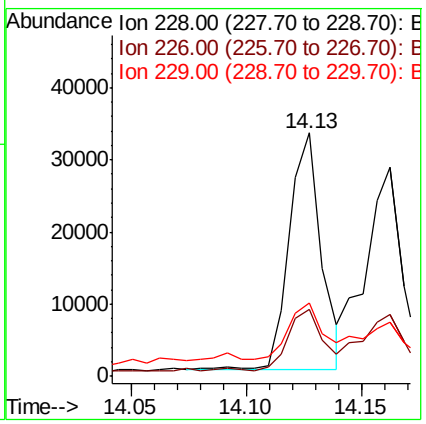
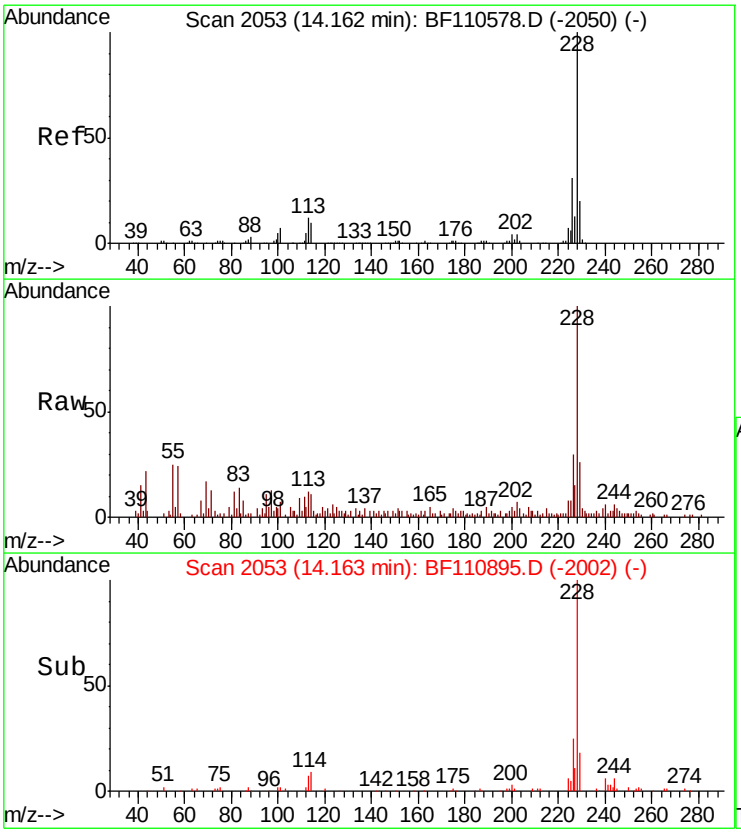
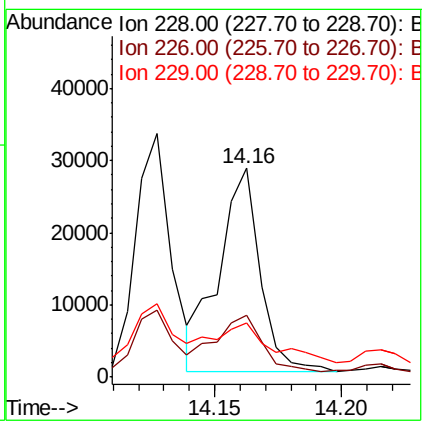


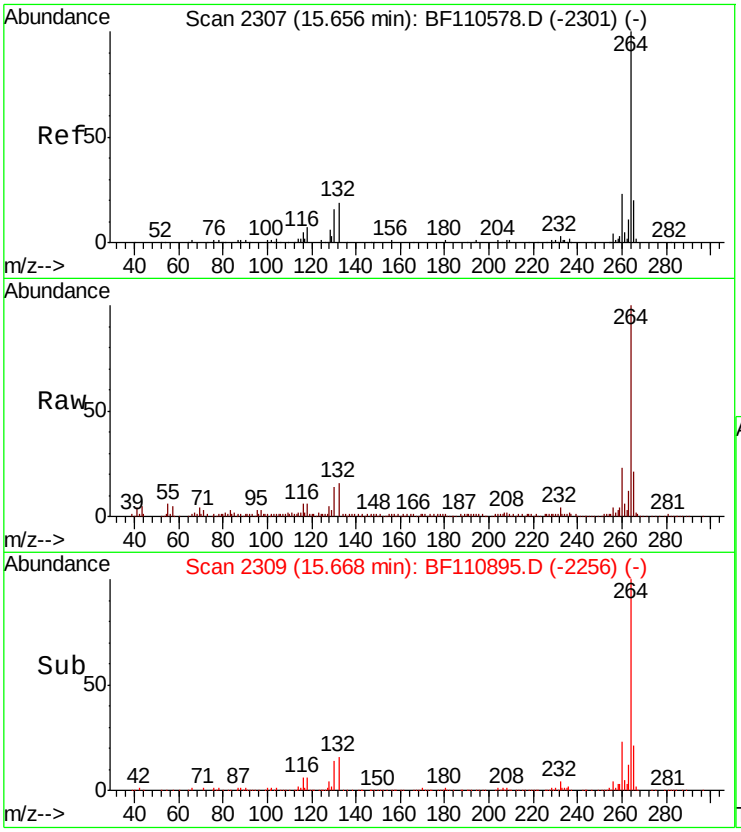


#83
Chrysene
Concen: 3.215 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:228 Resp: 31690

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	25.7	15.9	23.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:264 Resp: 157760

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.2	16.7	25.1

Instrument :
BNA_F
ClientSampleId :
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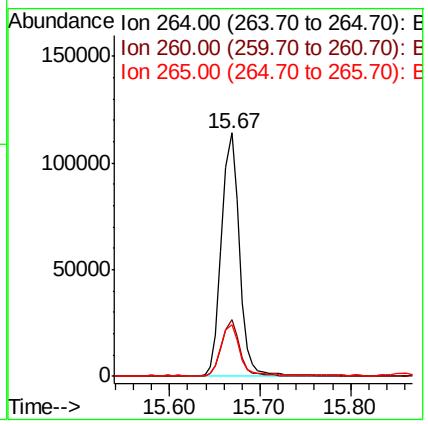
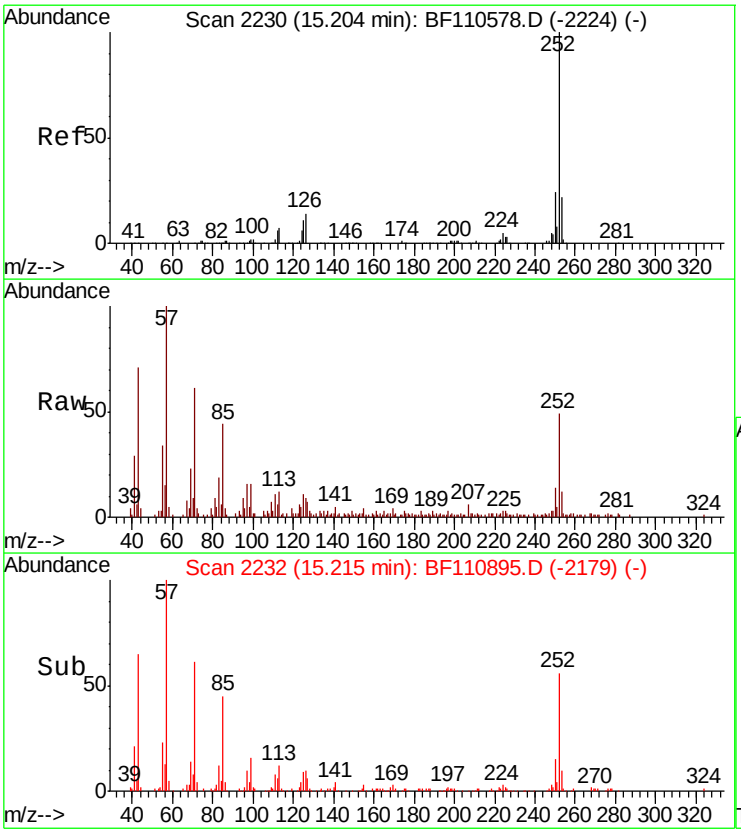
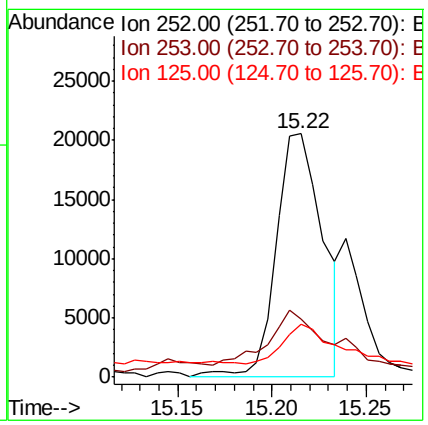


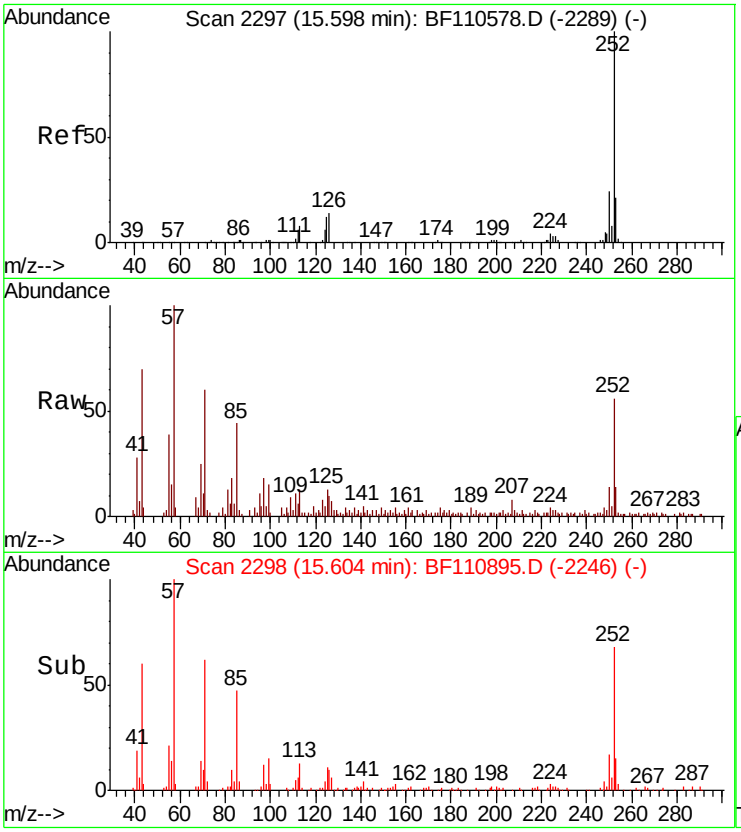


#88
Benzo(b)fluoranthene
Concen: 3.745 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:252 Resp: 35343

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	21.7	8.2	12.4#

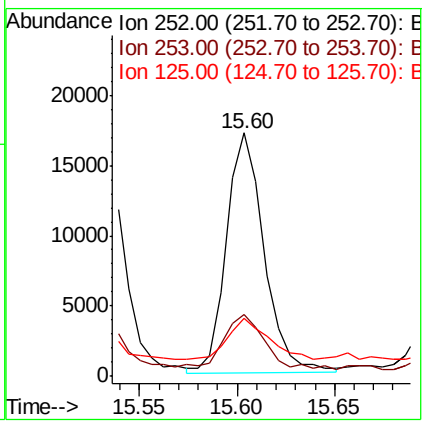




#90
Benzo(a)pyrene
Concen: 2.690 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:252 Resp: 23066

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.4
125	23.8	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-C

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