Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101895.D
Acq On : 4 Jan 2018 17:14
Operator : SJ/JU
Sample : J1016-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-010318

Manual Integrations APPROVED
Sohil
1/5/2018 10:29:30 AM

Quant Time: Jan 05 00:12:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	132199	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	488419	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	166611	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	257271	20.00	ng		0.00
75) Chrysene-d12	13.96	240	270710	20.00	ng		0.00
86) Perylene-d12	15.43	264	234170	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	931161	104.92	ng		0.00
7) Phenol-d6	6.42	99	1065582	96.47	ng		0.00
23) Nitrobenzene-d5	7.35	82	670711	76.44	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	121036	75.39	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	698105	65.00	ng		0.00
78) Terphenyl-d14	12.88	244	558037	49.70	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	9.67	152	41465	2.322	ng		98
49) Dimethylphthalate	9.53	163	101986	7.610	ng		100
57) Fluorene	10.36	166	29286	2.539	ng	#	95
70) Phenanthrene	11.33	178	238286	16.655	ng		99
71) Anthracene	11.39	178	69156	4.732	ng		99
74) Fluoranthene	12.52	202	341769	22.758	ng		97
77) Pyrene	12.75	202	313007	15.406	ng		100
80) Benzo(a)anthracene	13.94	228	177456	9.927	ng		98
82) Chrysene	13.98	228	159320	9.440	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	49173	3.272	ng		96
87) Benzo(b)fluoranthene	15.00	252	173081m	12.126	ng		
88) Benzo(k)fluoranthene	15.03	252	45942m	3.311	ng		
89) Benzo(a)pyrene	15.37	252	110771	8.419	ng		95
91) Benzo(g,h,i)perylene	17.37	276	44628	3.989	ng		94

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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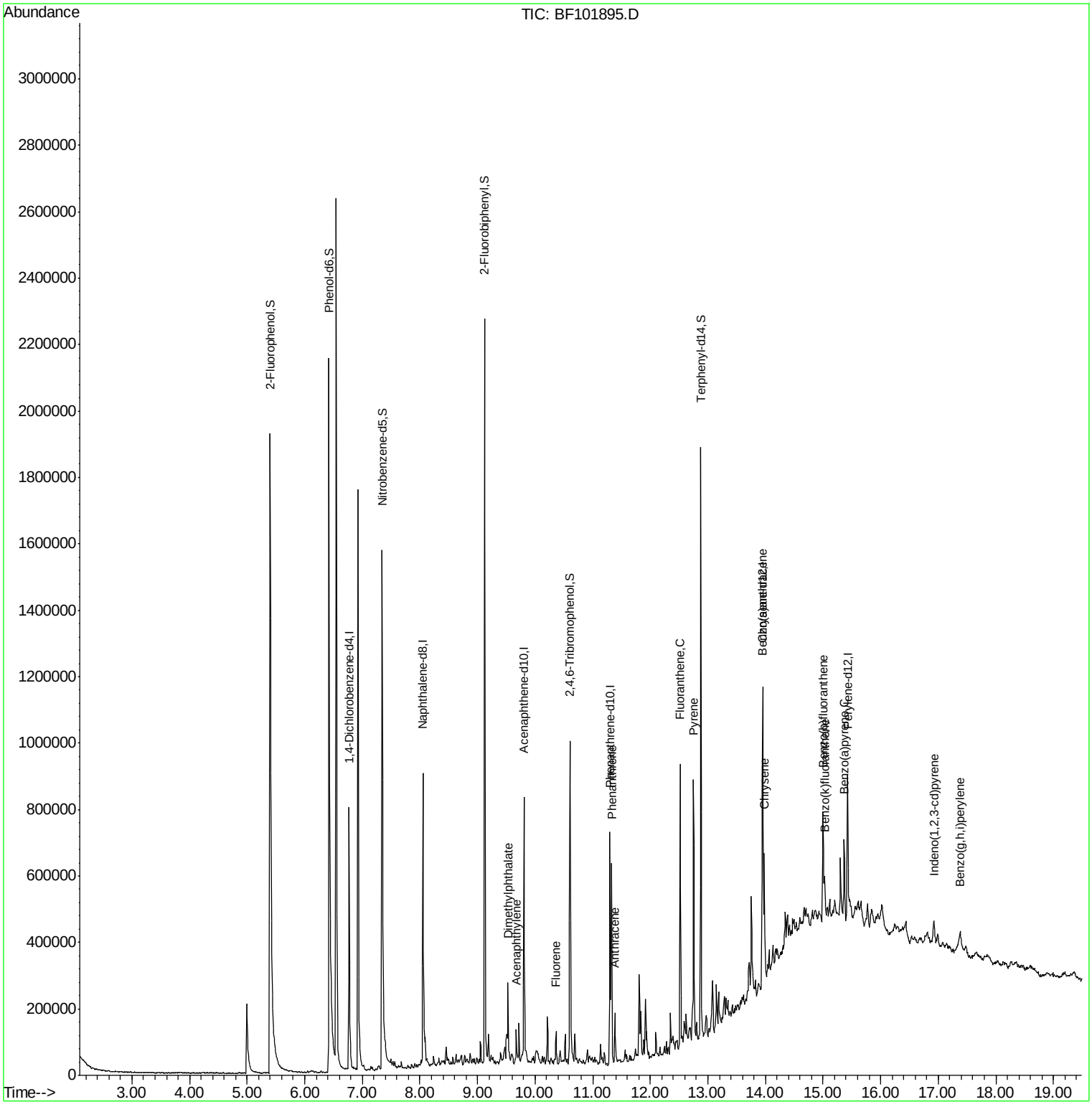
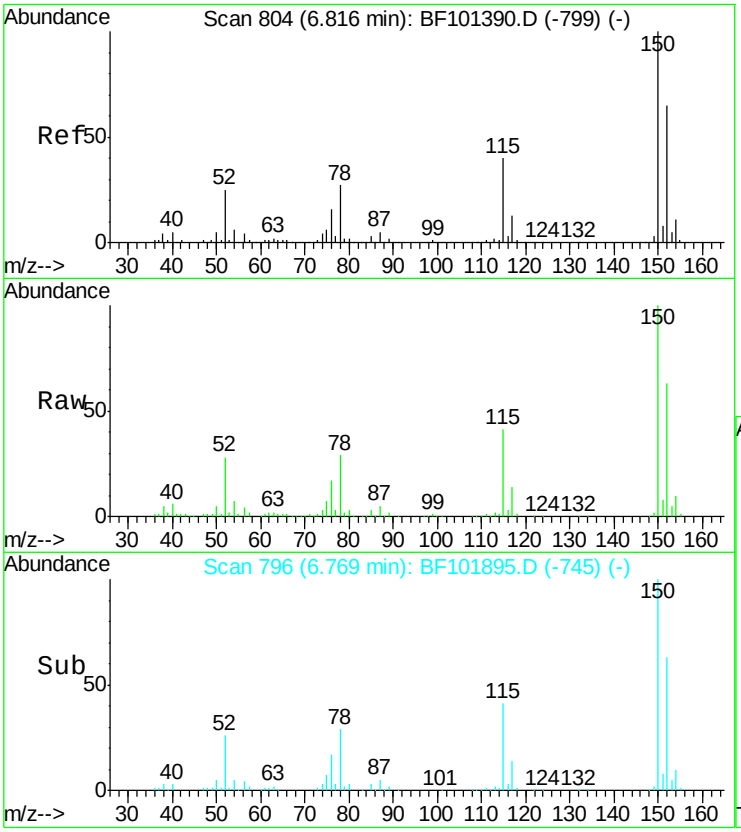
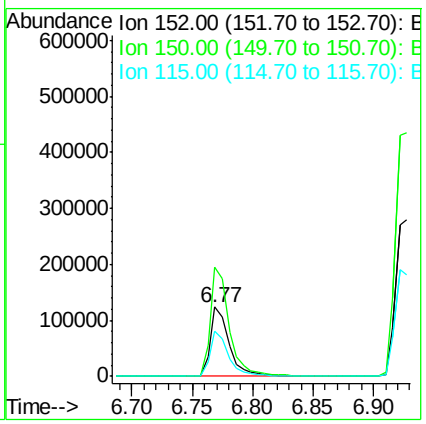




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:152 Resp: 132199

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	65.0	50.1	75.1



Instrument :
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ClientSampleId :
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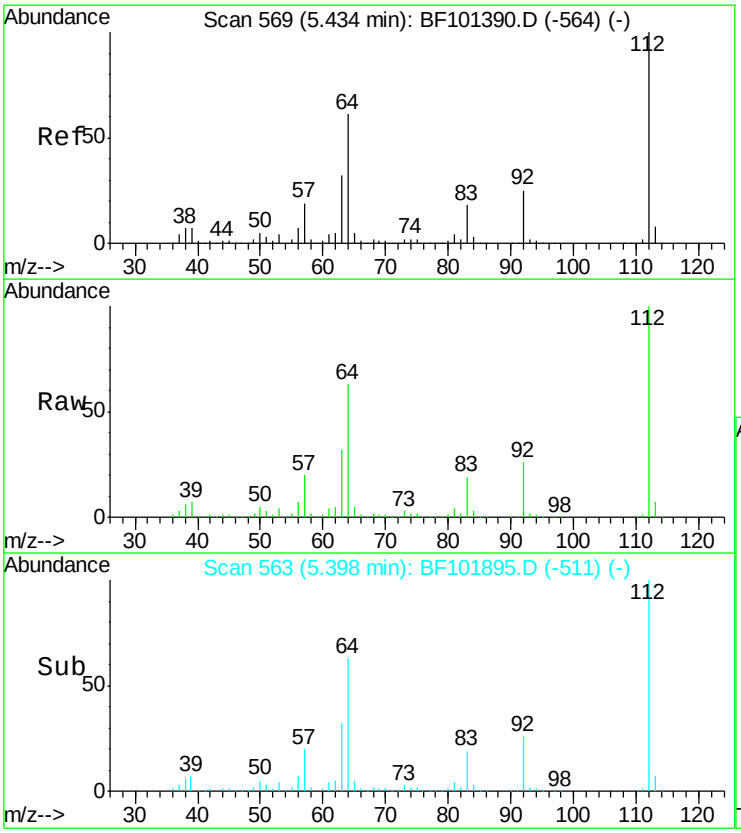
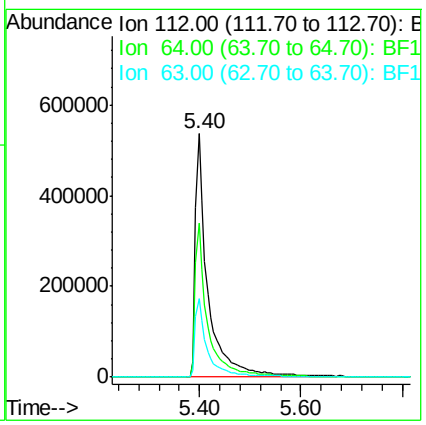
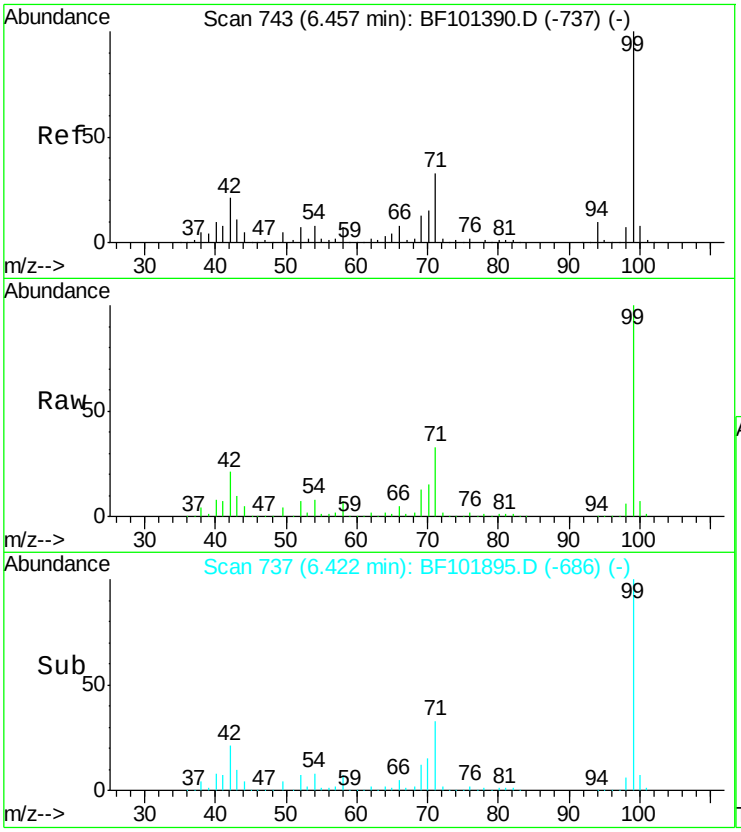


#5
2-Fluorophenol
Concen: 104.920 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:112 Resp: 931161

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	32.3	23.7	35.5

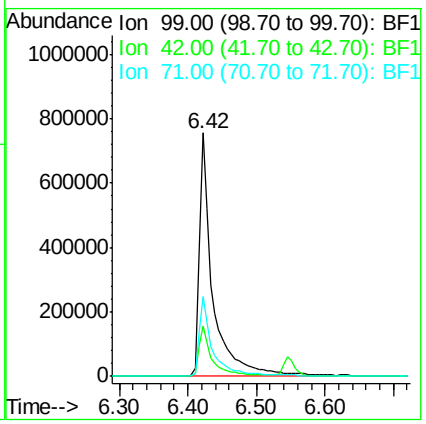




#7
Phenol-d6
Concen: 96.475 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion: 99 Resp: 1065582

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	32.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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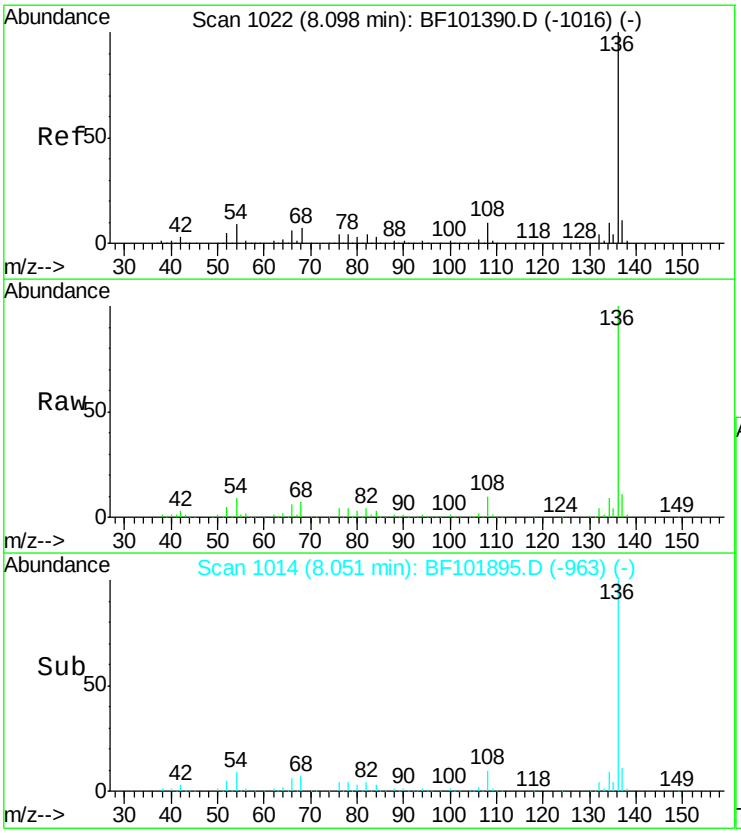
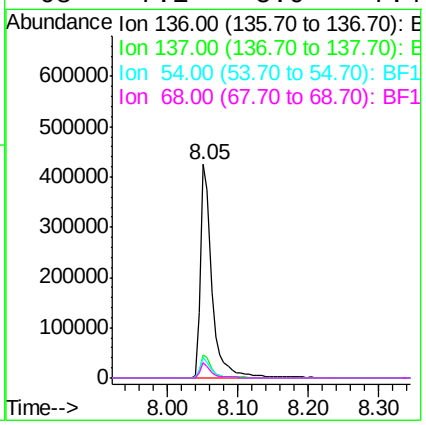
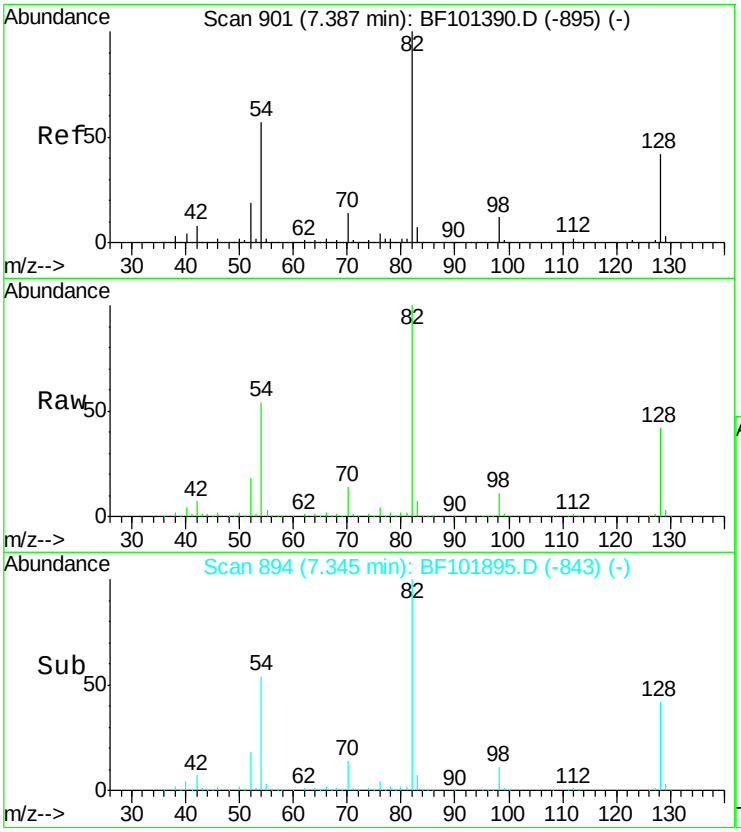


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:136 Resp: 488419

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	7.1	5.0	7.4

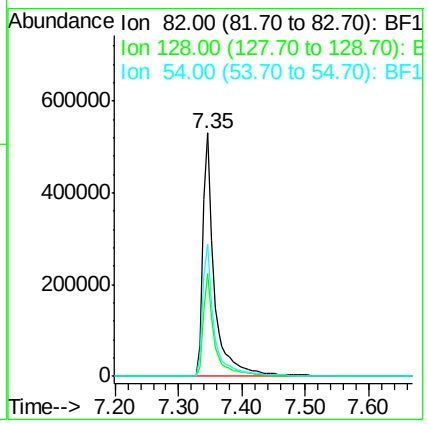




#23
Nitrobenzene-d5
Concen: 76.442 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion: 82 Resp: 670711

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	54.4	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

Manual Integrations APPROVED
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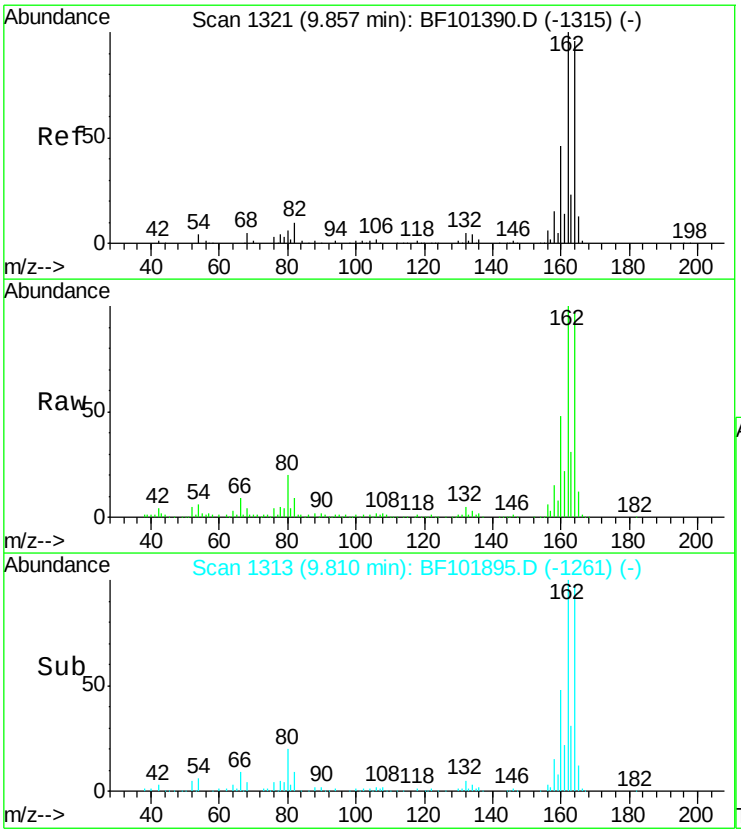
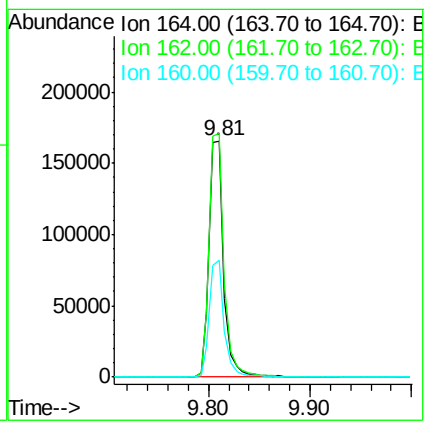
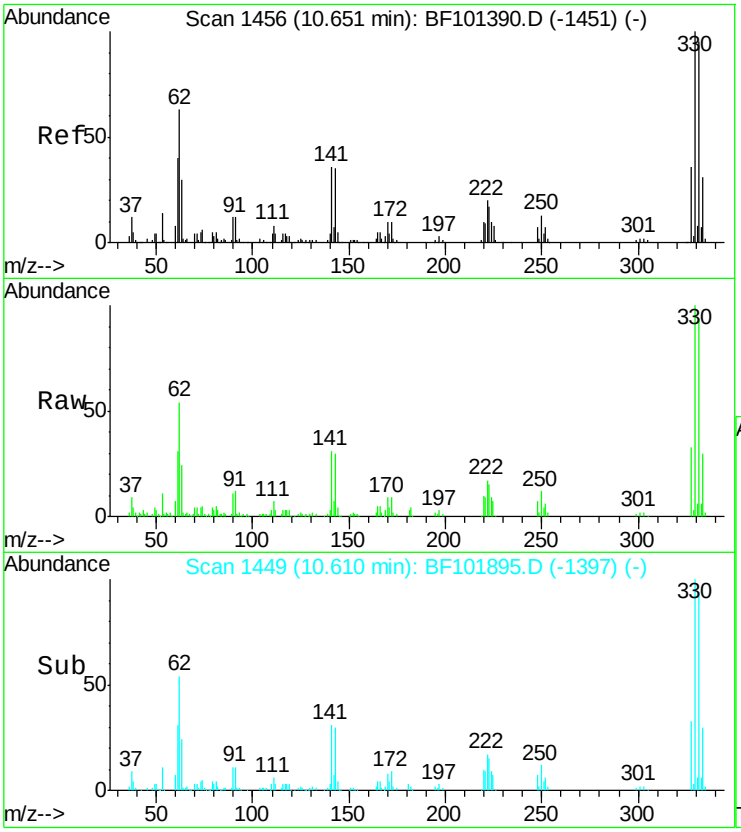


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:164 Resp: 166611

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	49.7	38.3	57.5

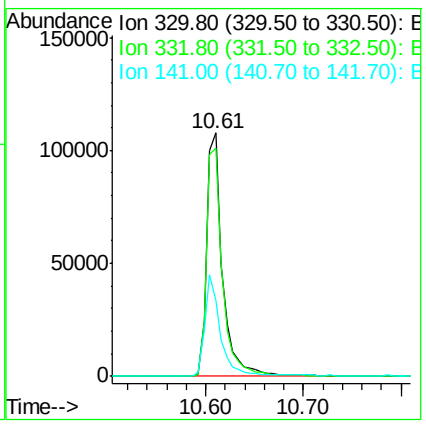




#41
2,4,6-Tribromophenol
Concen: 75.392 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:330 Resp: 121036

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	40.7	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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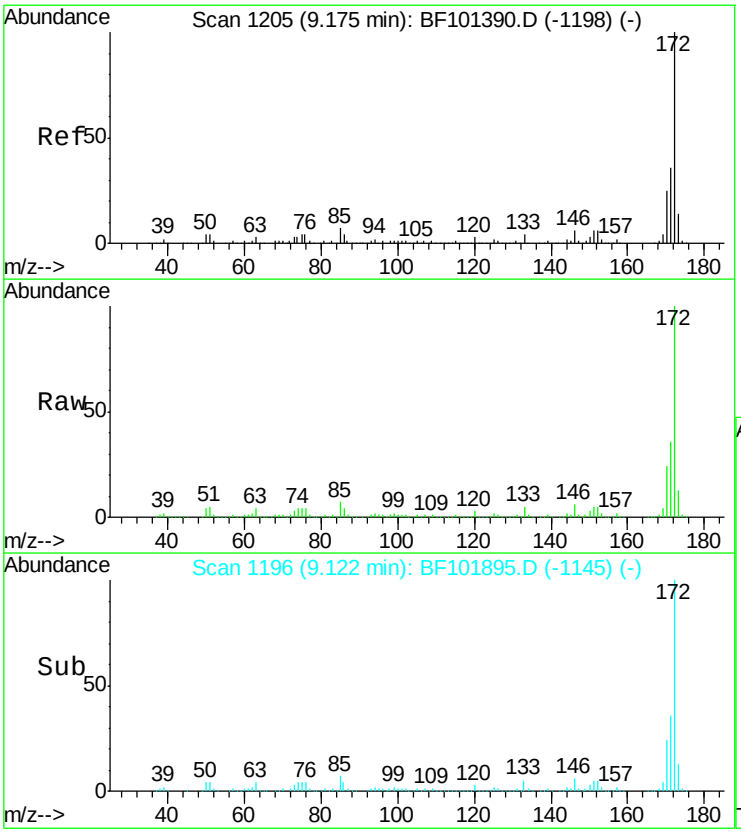
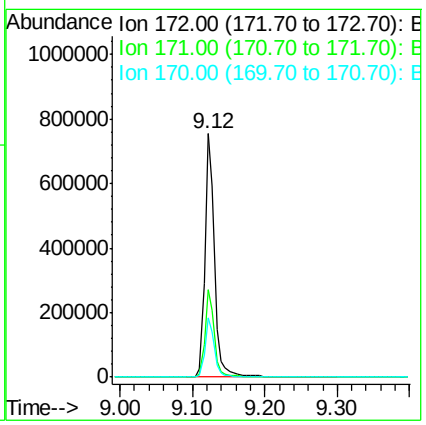
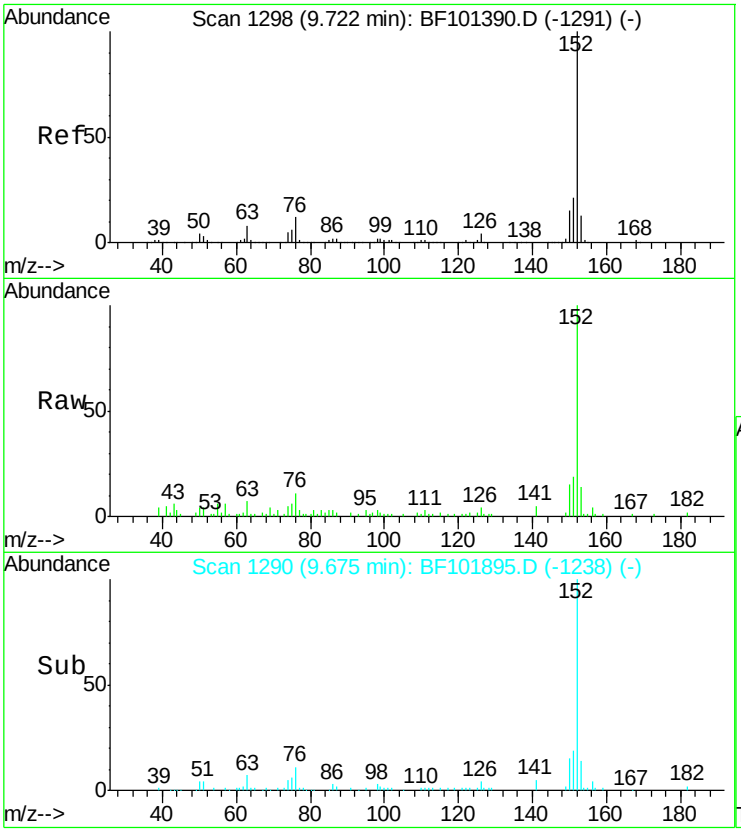


#44
2-Fluorobiphenyl
Concen: 64.997 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:172 Resp: 698105

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

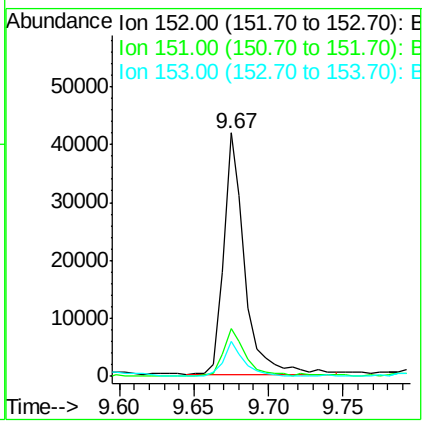




#48
Acenaphthylene
Concen: 2.322 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:152 Resp: 41465

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	14.4	10.7	16.1



Instrument :
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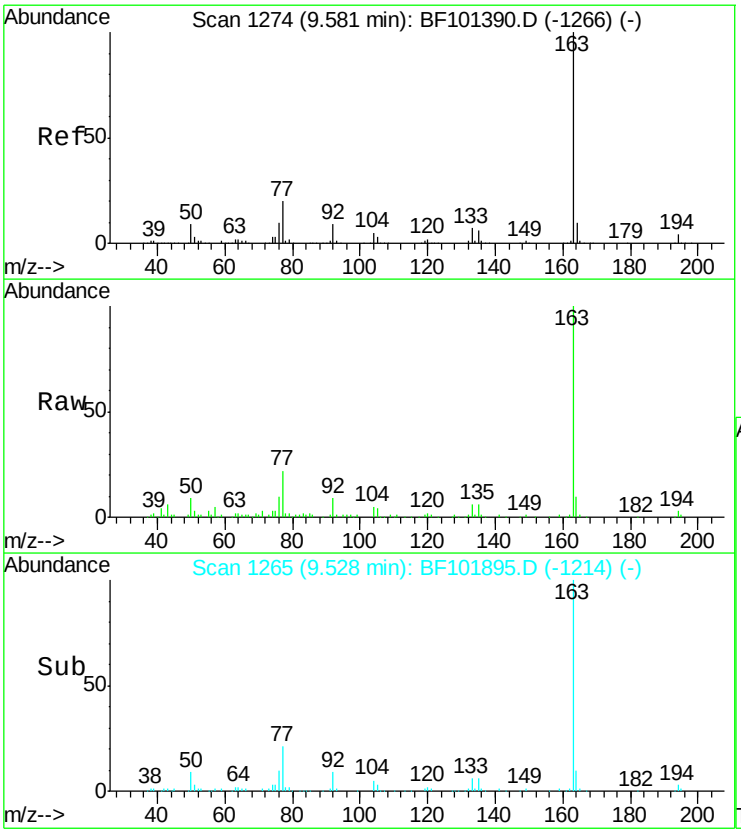
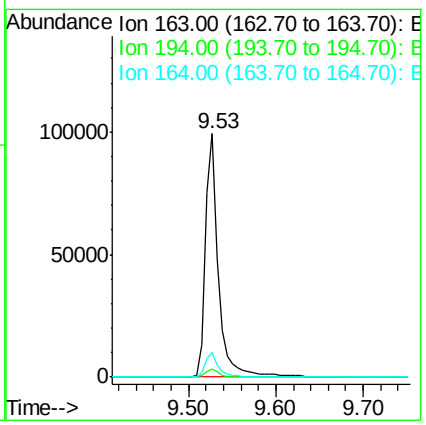
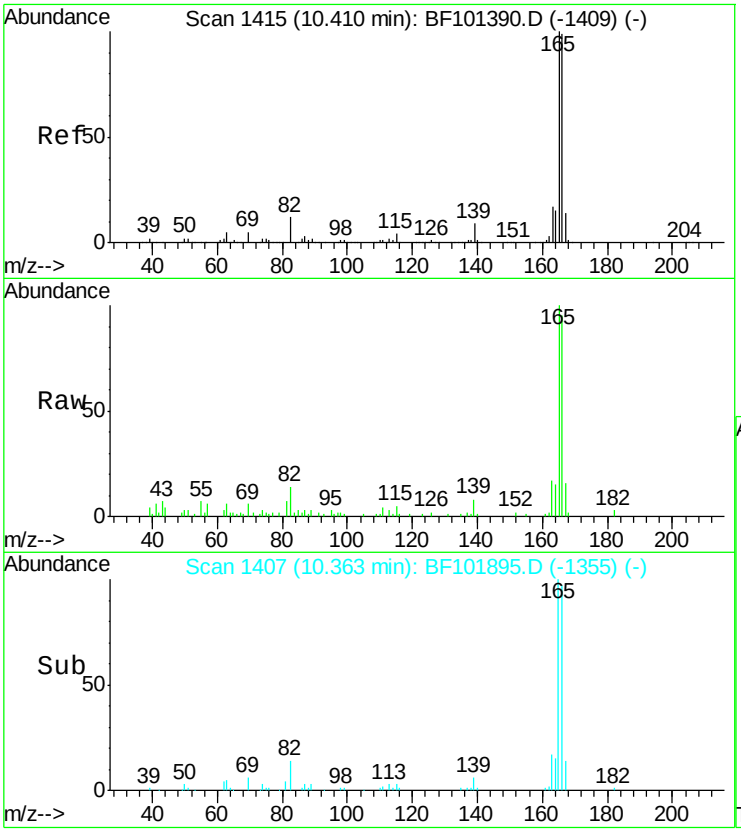


#49
Dimethylphthalate
Concen: 7.610 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:163 Resp: 101986

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	8.2	12.2





#57
Fluorene
Concen: 2.539 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:166 Resp: 29286

Ion	Ratio	Lower	Upper
166	100		
165	104.9	79.8	119.8
167	16.4	10.6	16.0#

Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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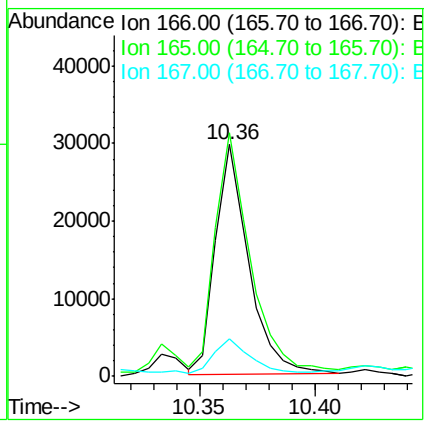
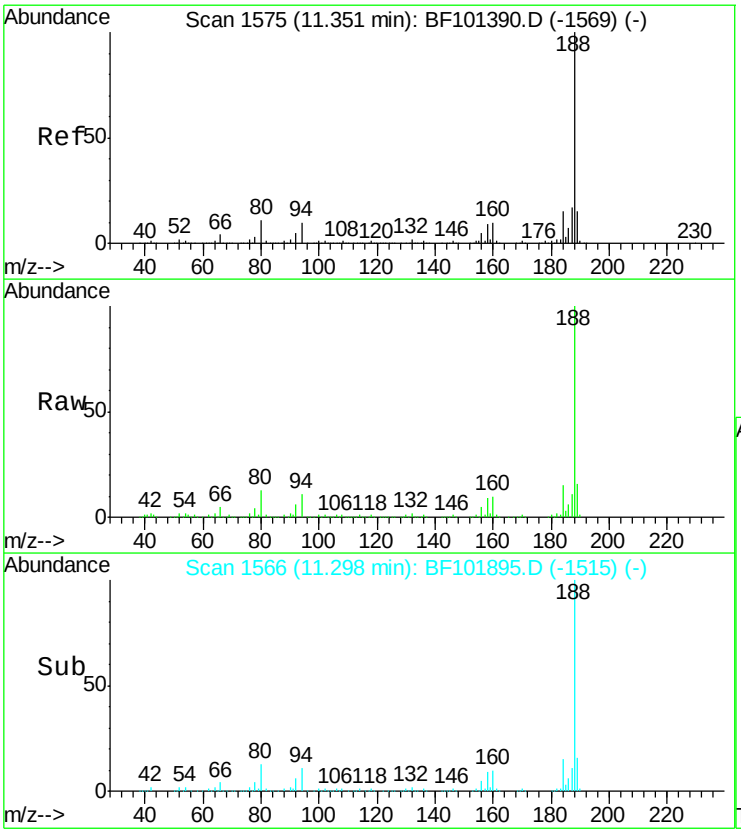
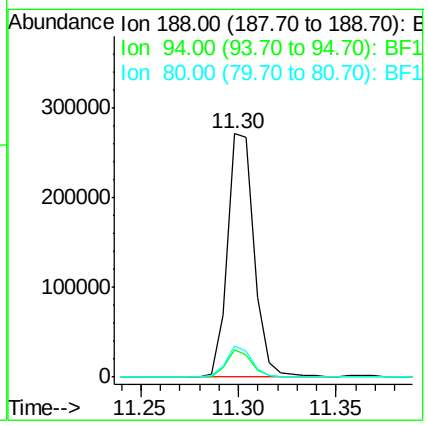


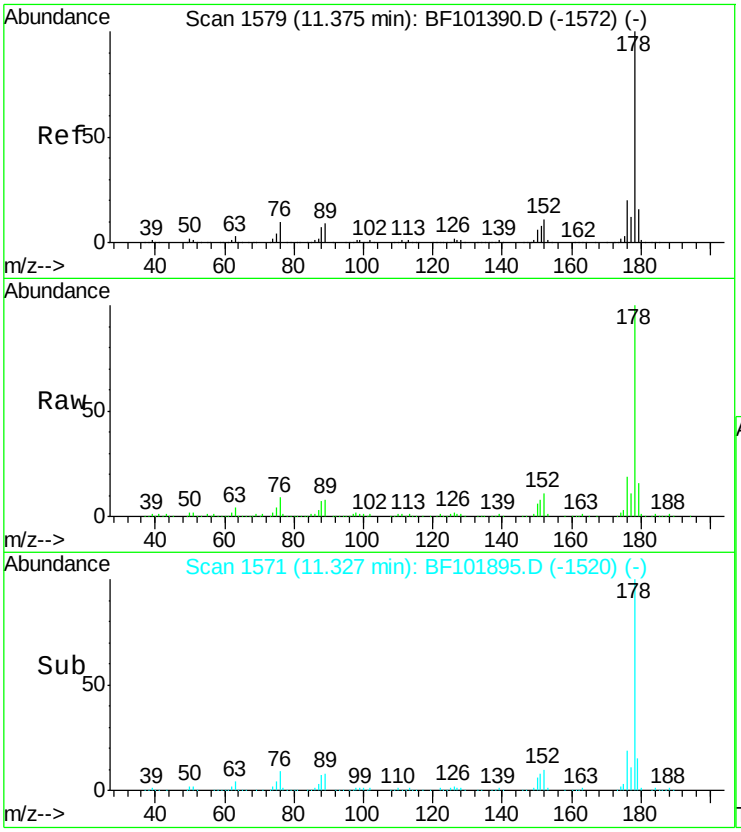


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:188 Resp: 257271

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.6	9.2	13.8

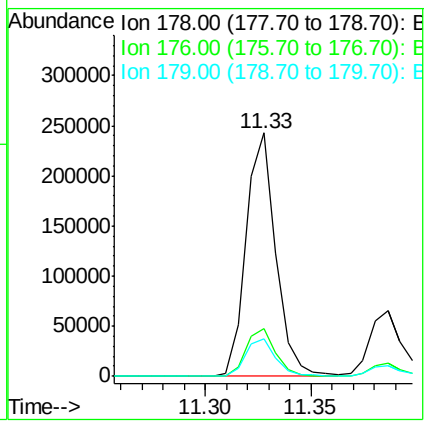




#70
Phenanthrene
Concen: 16.655 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:178 Resp: 238286

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	13.0	19.6



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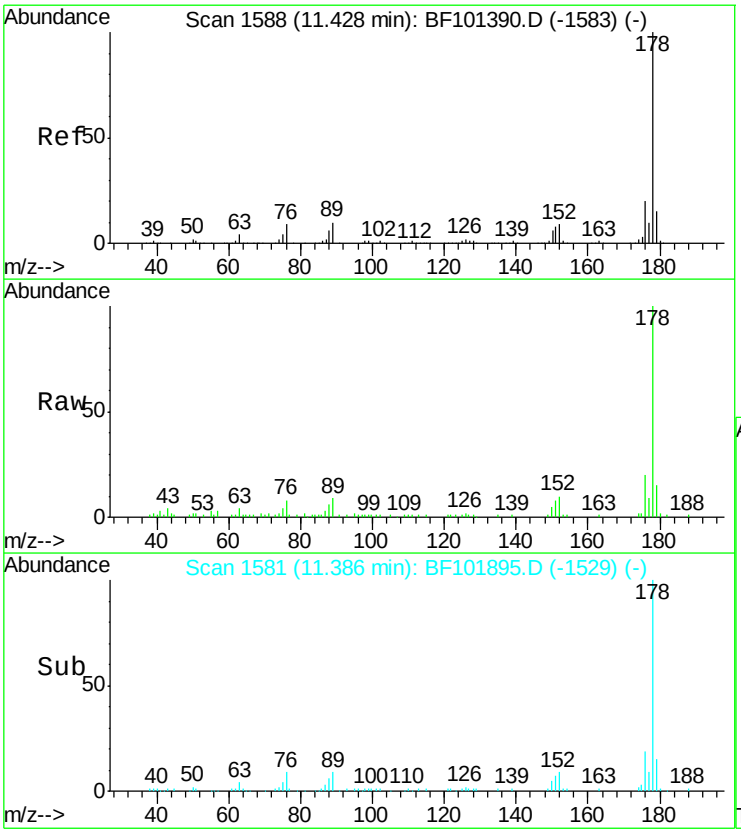
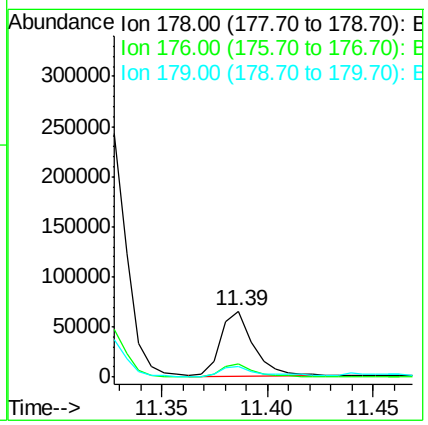
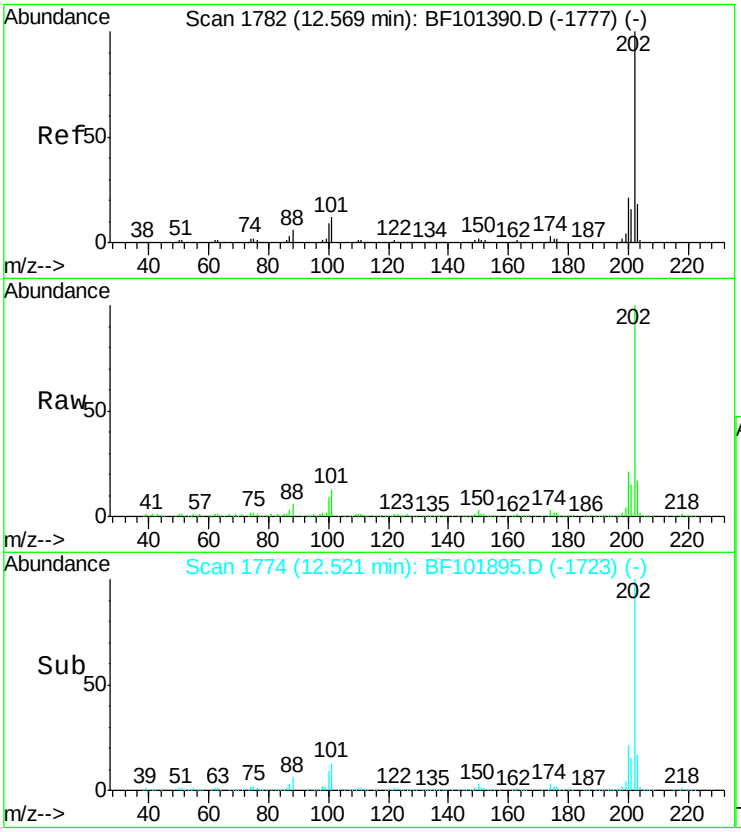


#71
Anthracene
Concen: 4.732 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:178 Resp: 69156

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.3	12.6	19.0

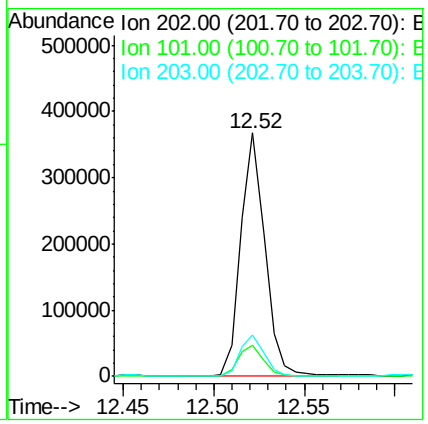




#74
Fluoranthene
Concen: 22.758 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

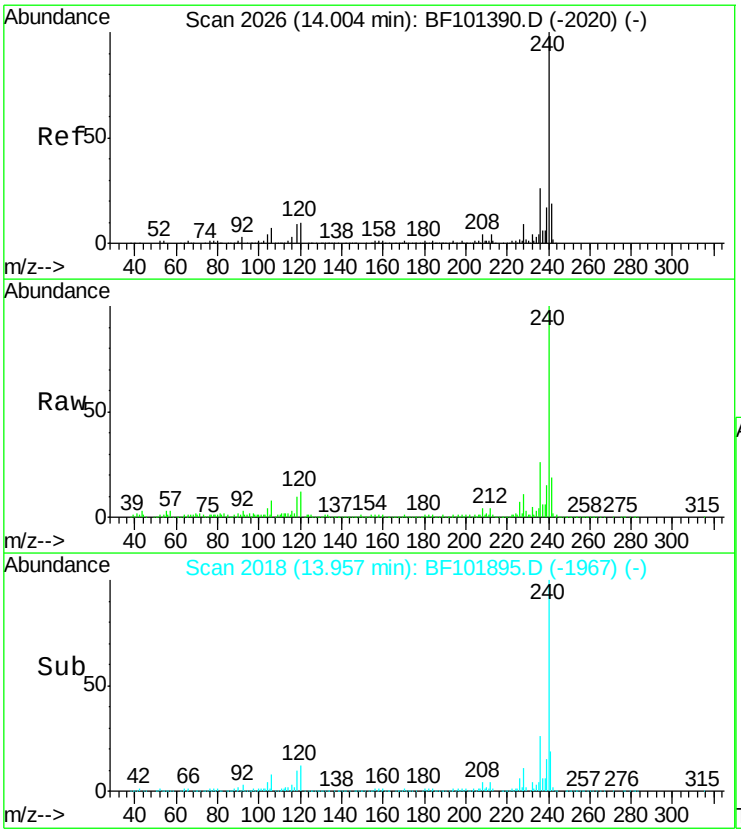
Tgt Ion:202 Resp: 341769

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	16.9	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

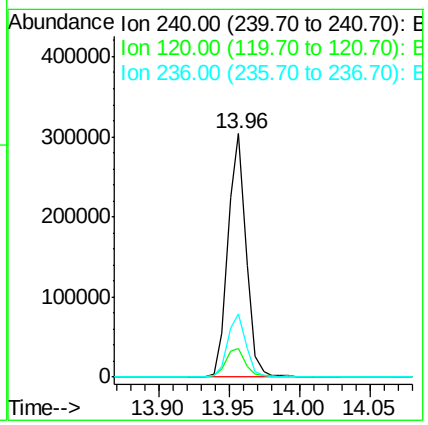
Manual Integrations APPROVED
Sohil
1/5/2018 10:29:30 AM

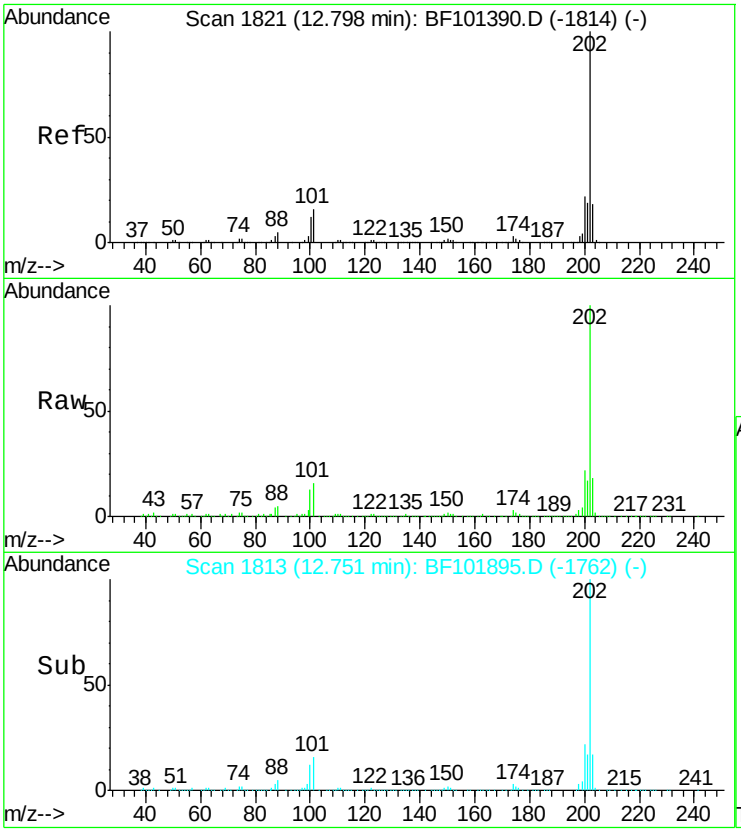


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:240 Resp: 270710

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.0	20.7	31.1

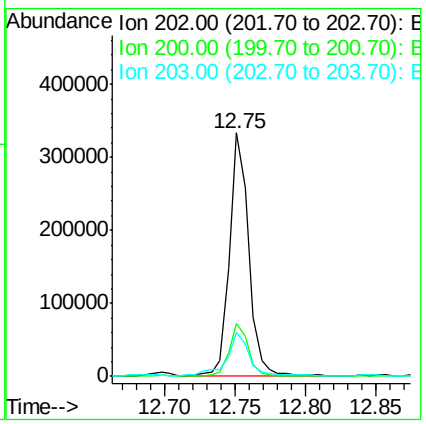




#77
Pyrene
Concen: 15.406 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:202 Resp: 313007

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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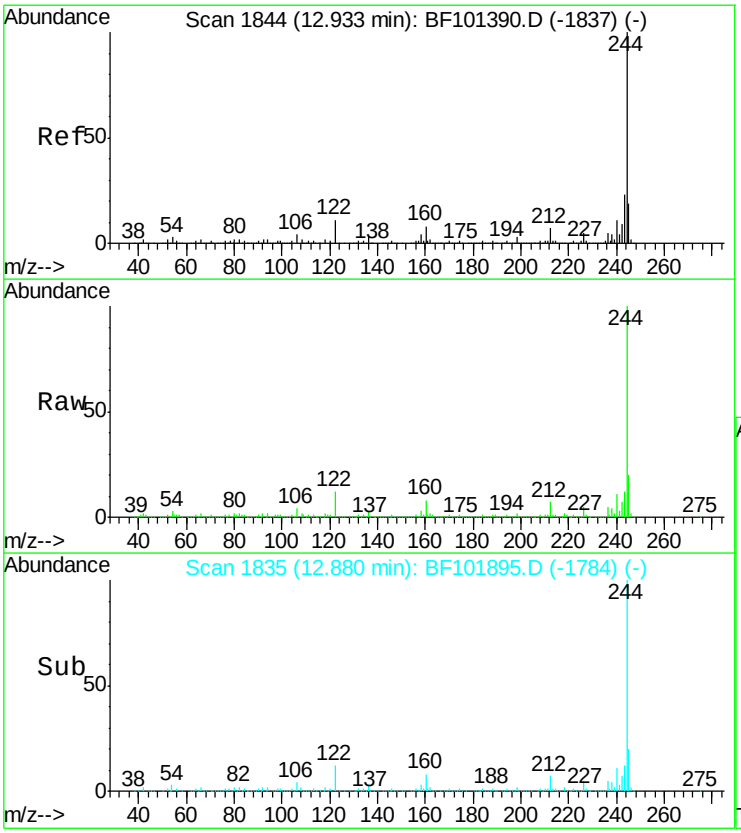
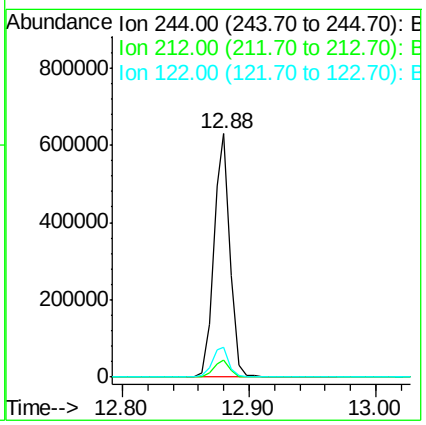
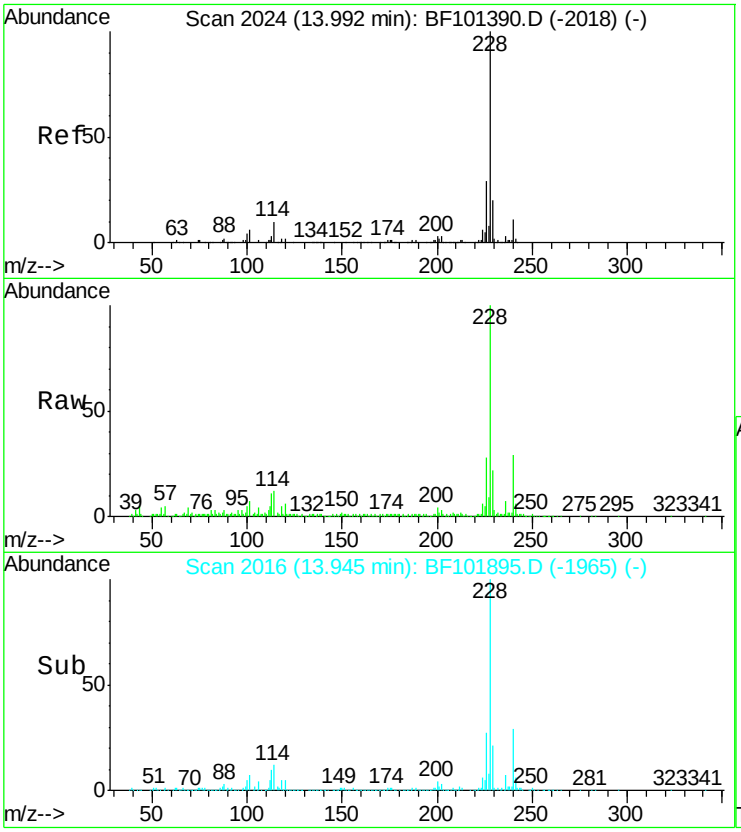


#78
Terphenyl-d14
Concen: 49.695 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:244 Resp: 558037

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	11.0	16.4

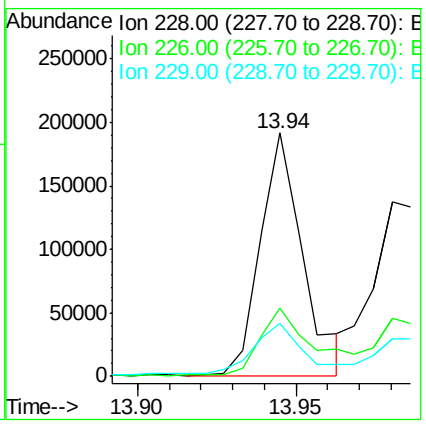




#80
Benzo(a)anthracene
Concen: 9.927 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:228 Resp: 177456

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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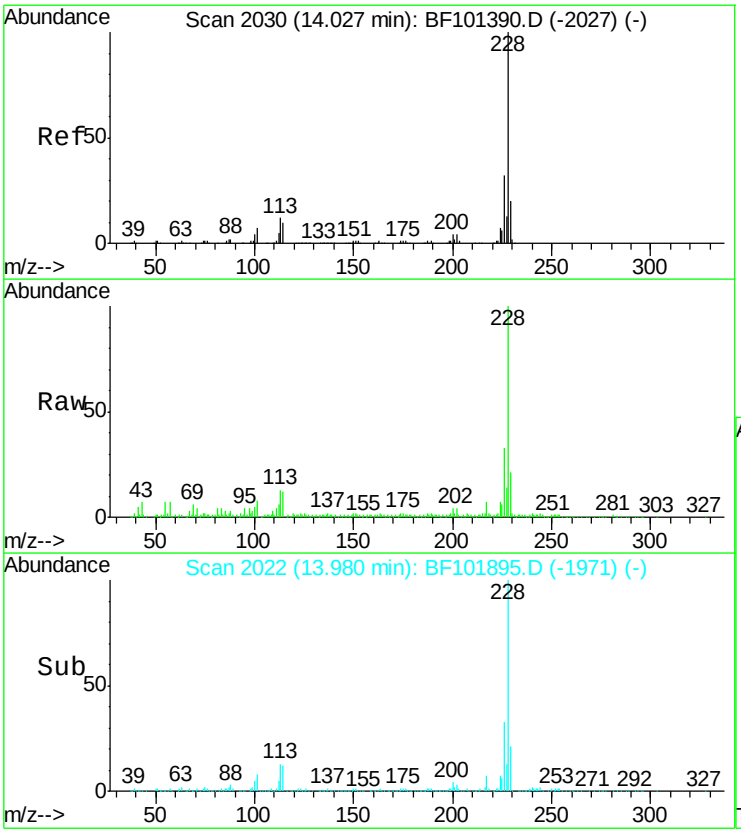
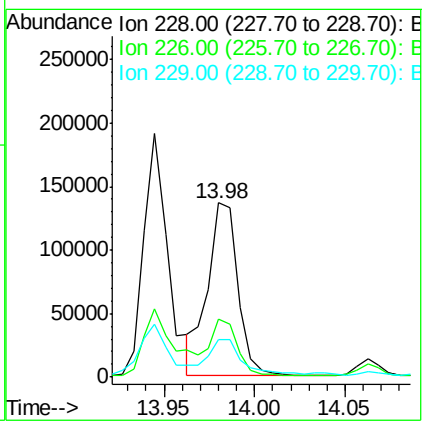
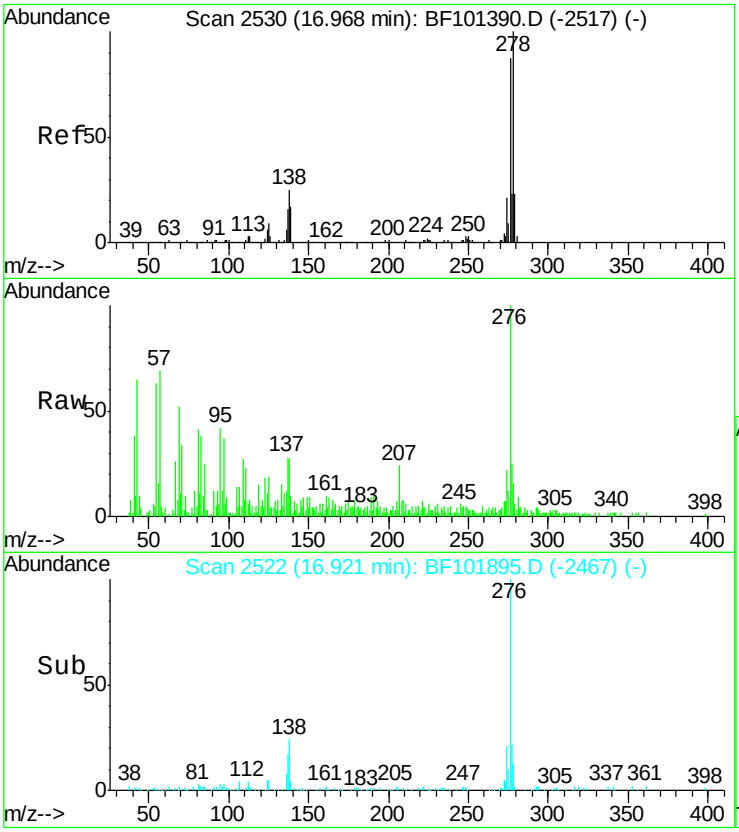


#82
Chrysene
Concen: 9.440 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:228 Resp: 159320

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.0	37.6
229	21.3	16.2	24.4

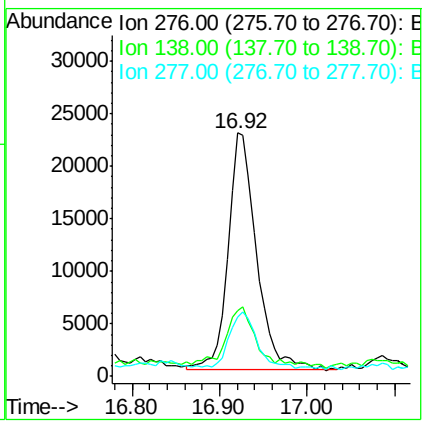




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.272 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:276 Resp: 49173

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	21.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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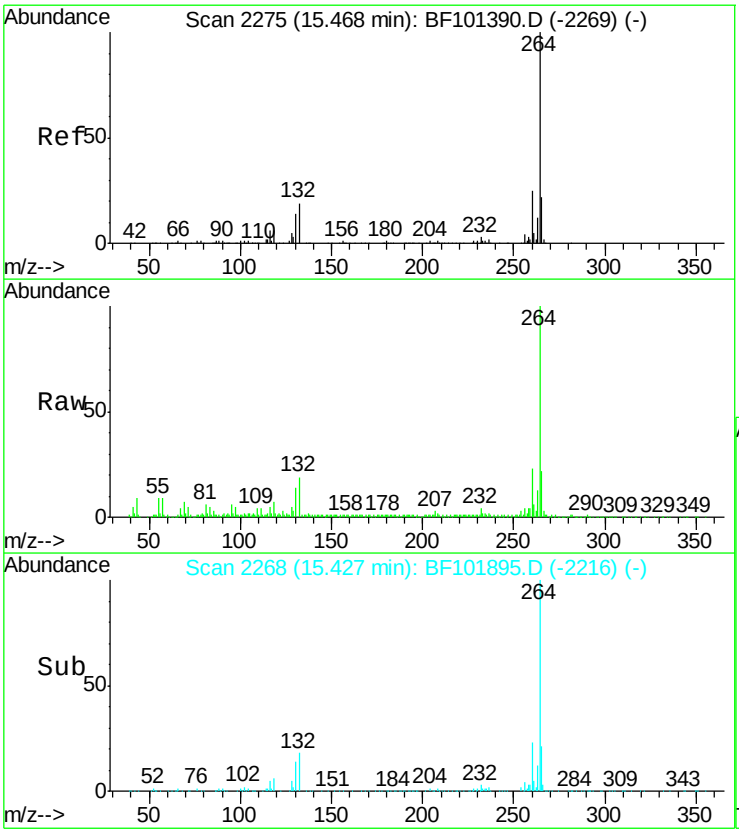
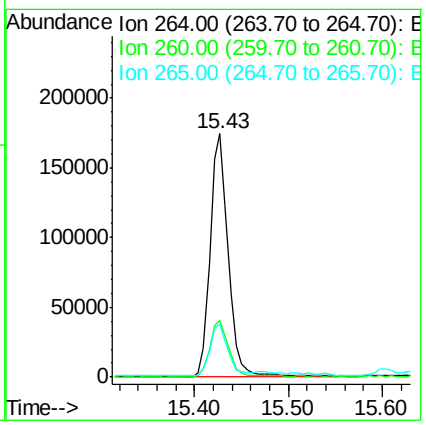
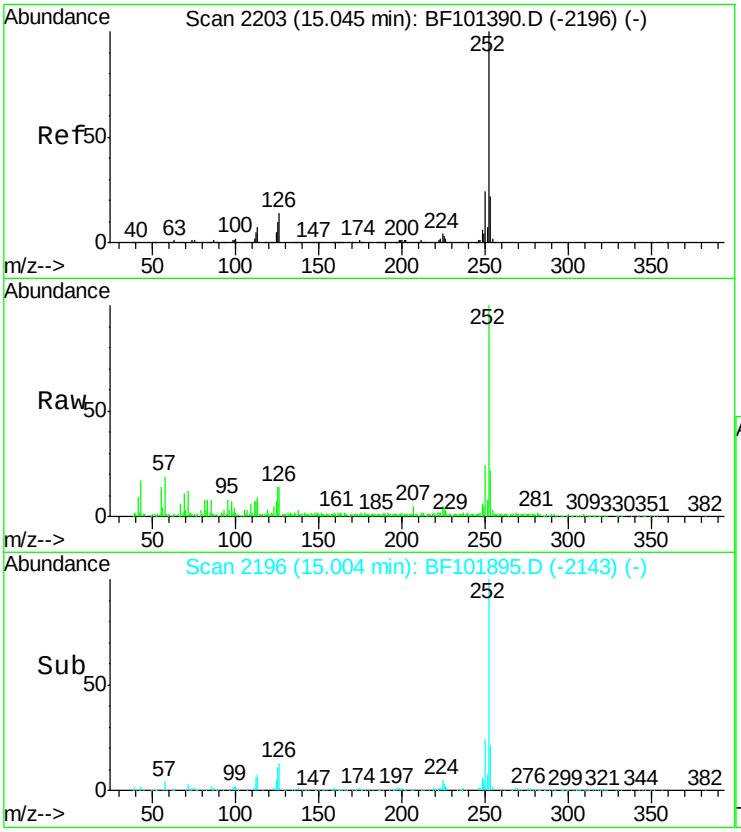


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:264 Resp: 234170

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3

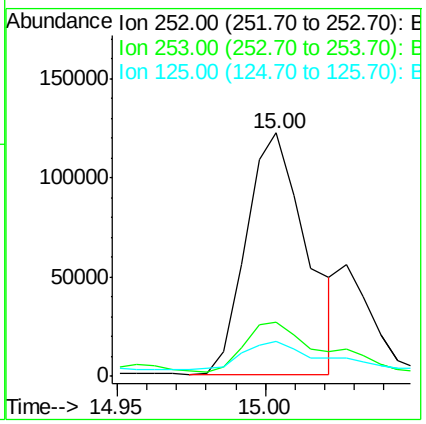




#87
Benzo(b)fluoranthene
Concen: 12.126 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:252 Resp: 173081

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	14.2	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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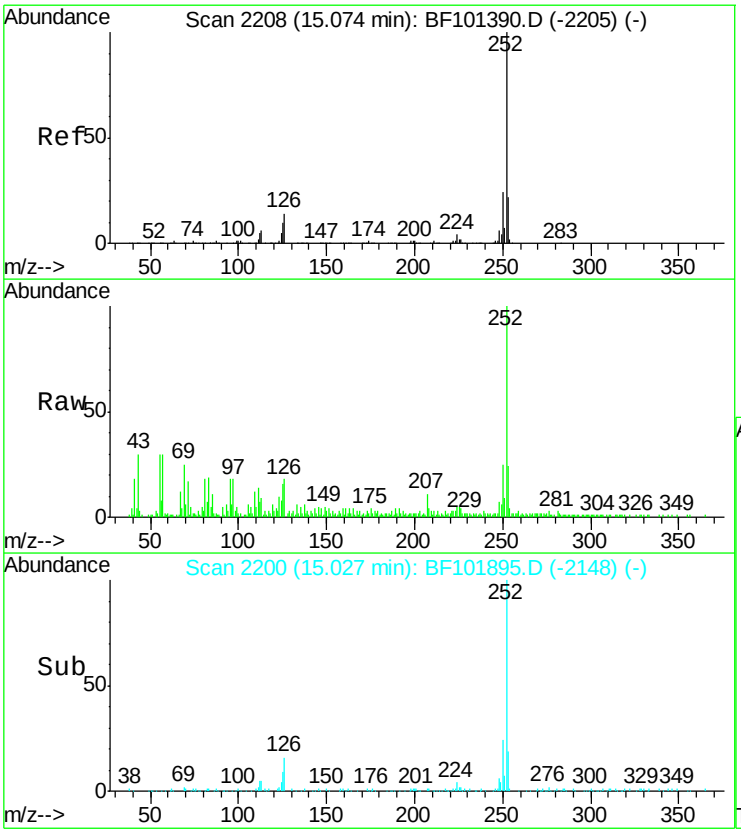
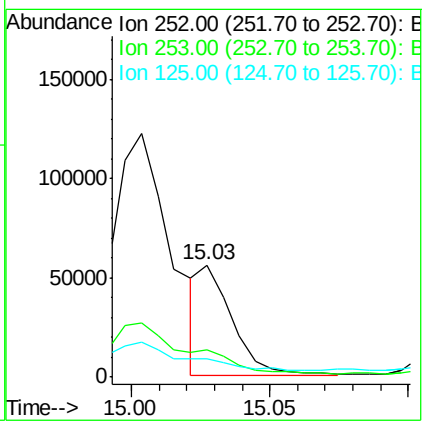
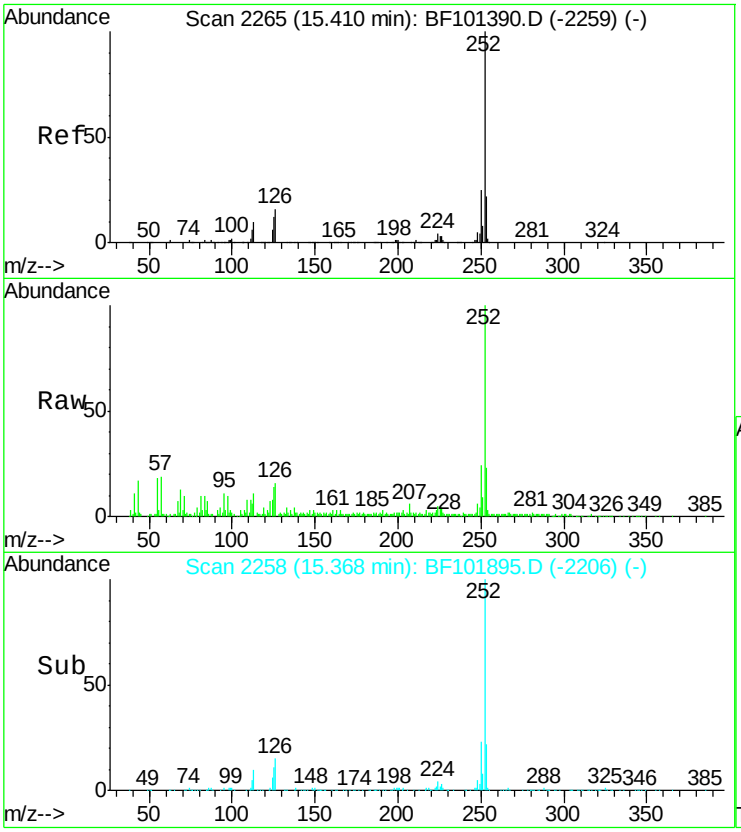


#88
Benzo(k)fluoranthene
Concen: 3.311 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:252 Resp: 45942

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	16.0	10.2	15.2#

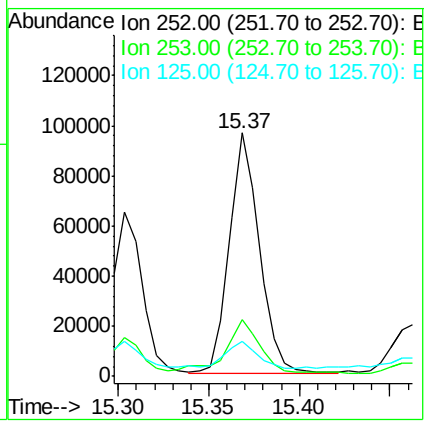




#89
Benzo(a)pyrene
Concen: 8.419 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:252 Resp: 110771

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	14.4	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
OK-03-010318

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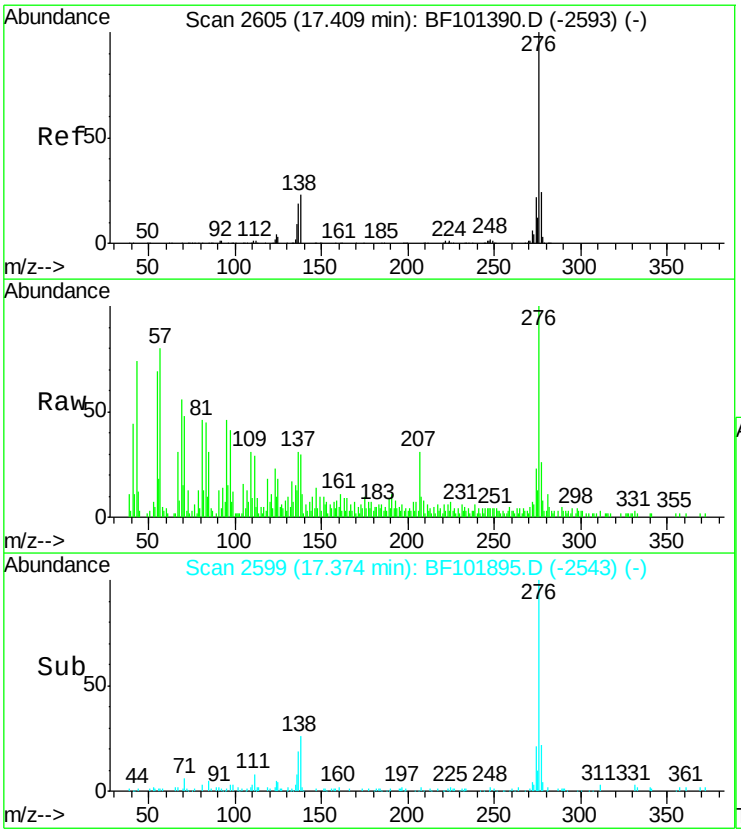

#91
Benzo(g,h,i)perylene
Concen: 3.989 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.03 min
Lab File: BF101895.D
Acq: 4 Jan 2018 17:14

Tgt Ion:276 Resp: 44628

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	30.1	21.8	32.8