Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116638.D
Acq On : 29 Aug 2019 1:56
Operator : HP/JU
Sample : K4575-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S703A-N-0.0-0.5-082719

Manual Integrations APPROVED
Jagrut
8/29/2019 7:47:33 PM

Quant Time: Aug 29 04:37:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85302	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	366180	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	144689	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	248661	20.00	ng		0.00
76) Chrysene-d12	14.01	240	94000	20.00	ng		0.00
87) Perylene-d12	15.47	264	107969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	434341	87.95	ng		0.00
7) Phenol-d6	6.49	99	641843	95.86	ng		0.00
23) Nitrobenzene-d5	7.42	82	373772	58.41	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	159538	115.87	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	686029	78.91	ng		0.00
79) Terphenyl-d14	12.96	244	354116	61.27	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	39611	5.393	ng		98
50) Dimethylphthalate	9.60	163	65018	6.684	ng		99
71) Phenanthrene	11.40	178	174064	13.033	ng		98
72) Anthracene	11.45	178	30245	2.265	ng		95
75) Fluoranthene	12.59	202	191098	15.954	ng		99
78) Pyrene	12.82	202	152843	17.683	ng		98
81) Benzo(a)anthracene	14.00	228	68067	10.861	ng		97
83) Chrysene	14.03	228	78984	12.874	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	9583	2.440	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.91	276	44461	12.433	ng		95
88) Benzo(b)fluoranthene	15.04	252	117162m	17.671	ng		
89) Benzo(k)fluoranthene	15.06	252	37060m	5.880	ng		
90) Benzo(a)pyrene	15.40	252	71822m	12.137	ng		
91) Dibenzo(a,h)anthracene	16.92	278	11301	2.047	ng		98
92) Benzo(g,h,i)perylene	17.35	276	39772	6.927	ng		97

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

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Manual Integrations APPROVED
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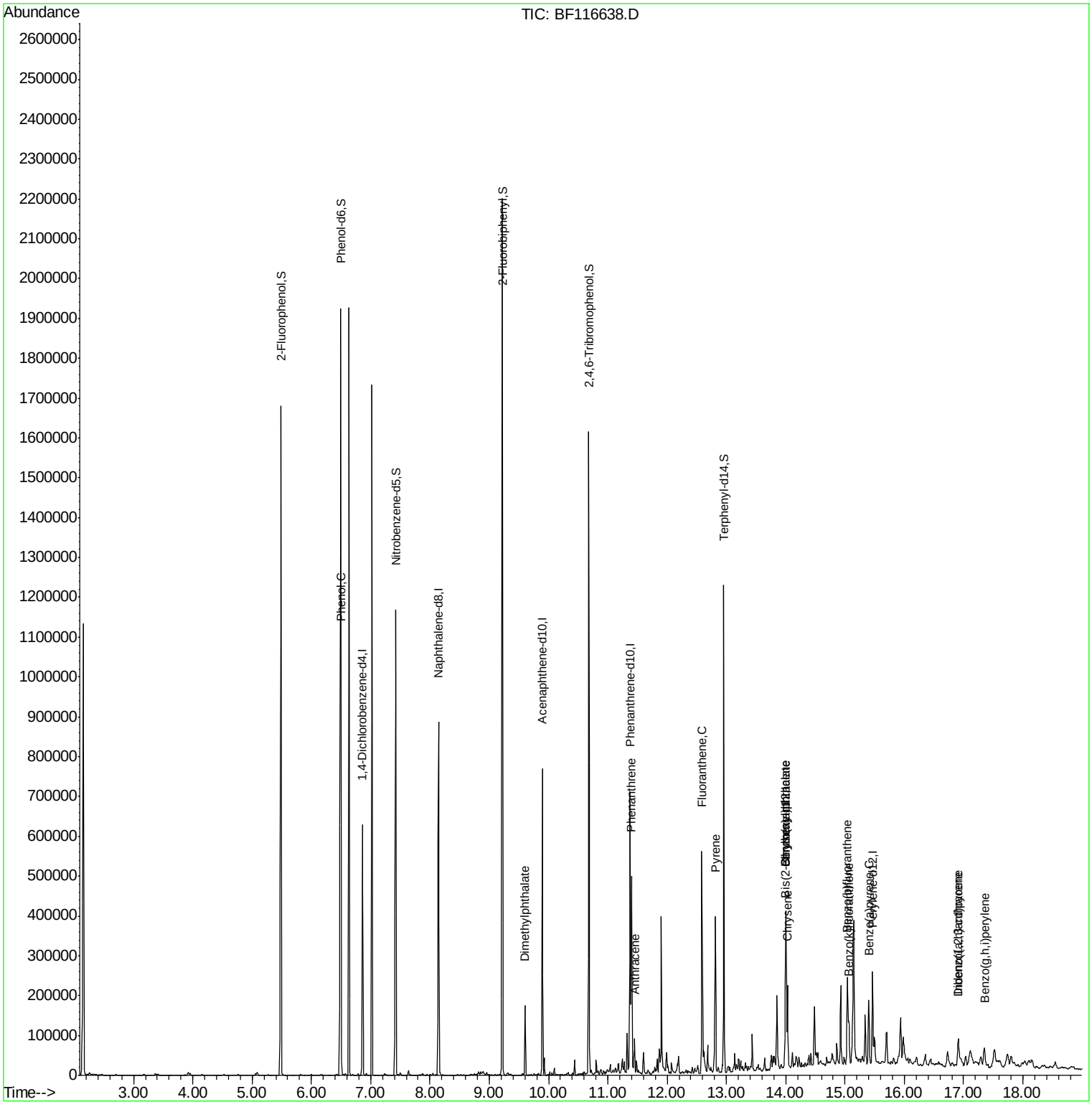
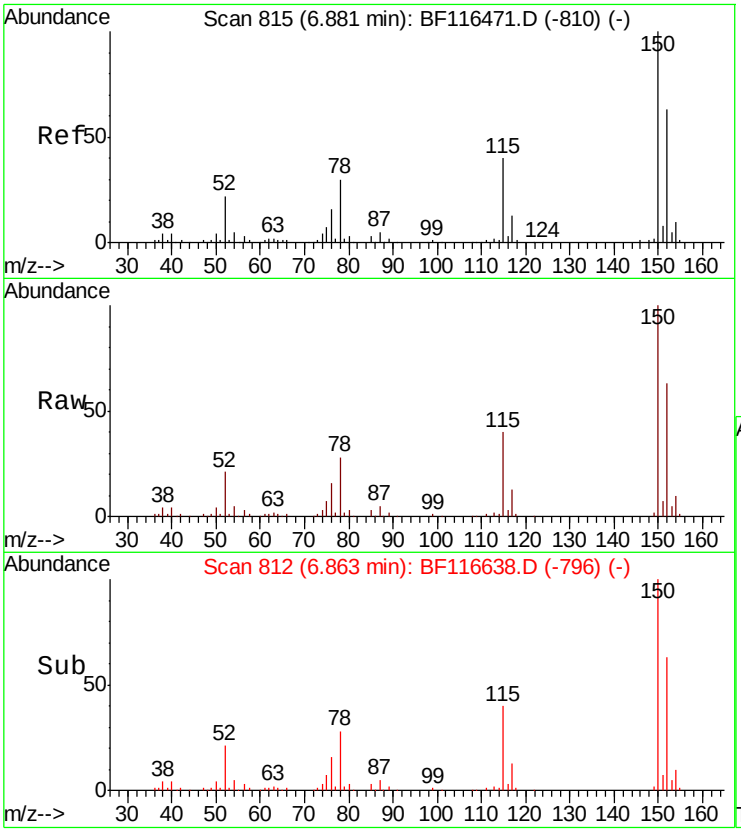
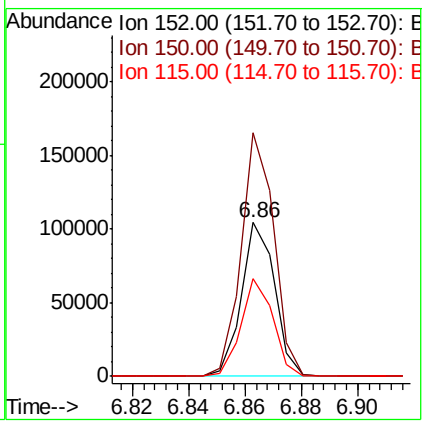




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:152 Resp: 85302

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.4	185.2
115	63.2	48.2	72.2



Instrument :
BNA_F
ClientSampleId :
S703A-N-0.0-0.5-082719

Manual Integrations APPROVED
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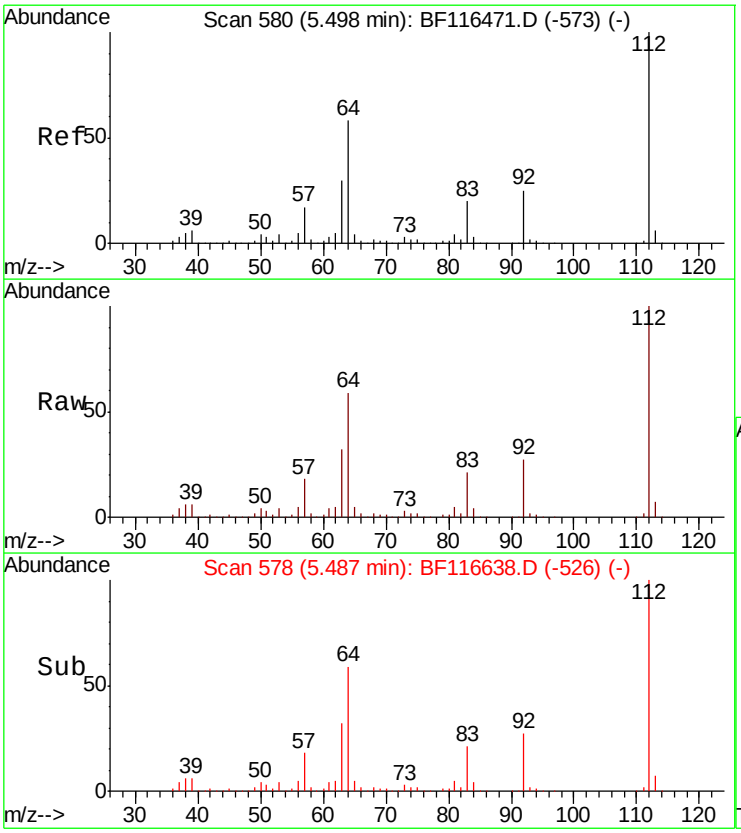
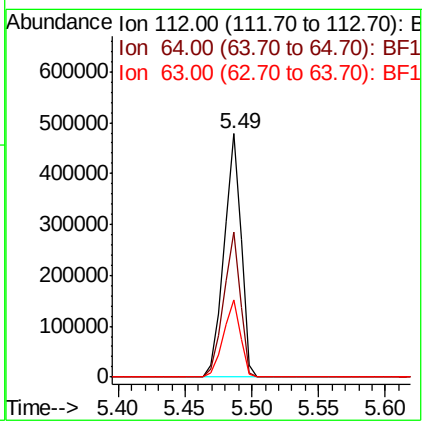
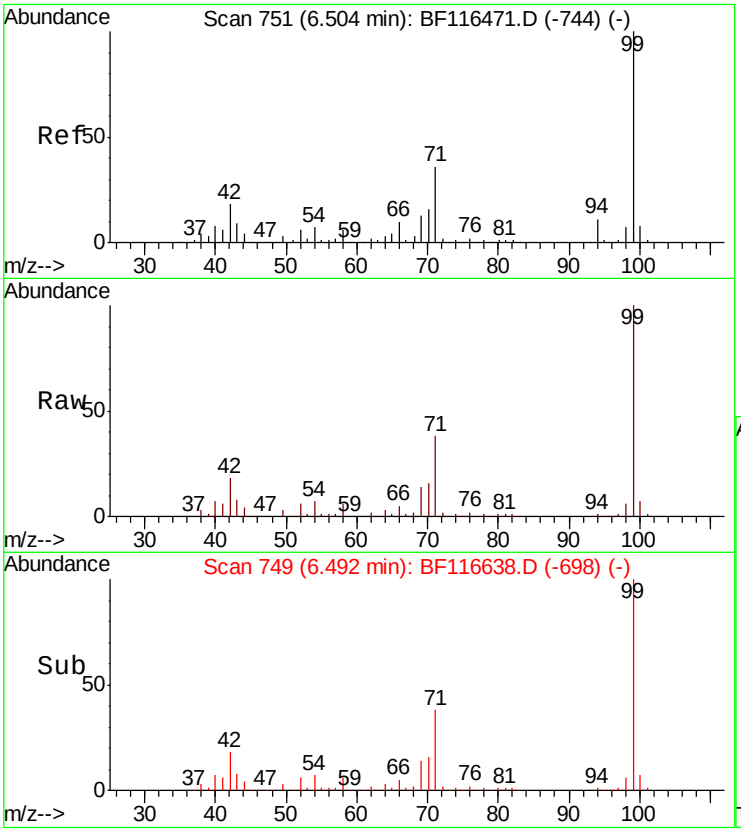


#5
2-Fluorophenol
Concen: 87.947 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:112 Resp: 434341

Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.0	72.0
63	31.7	24.6	36.8

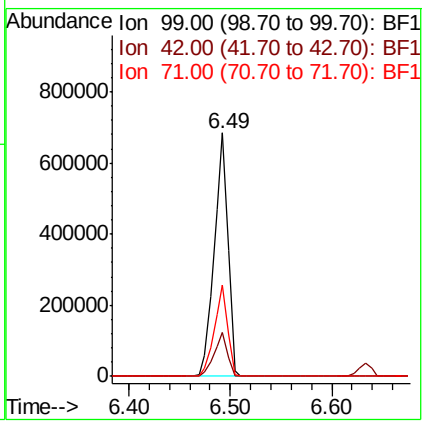




#7
Phenol-d6
Concen: 95.861 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion: 99 Resp: 641843

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.2	19.8
71	37.5	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
S703A-N-0.0-0.5-082719

Manual Integrations APPROVED
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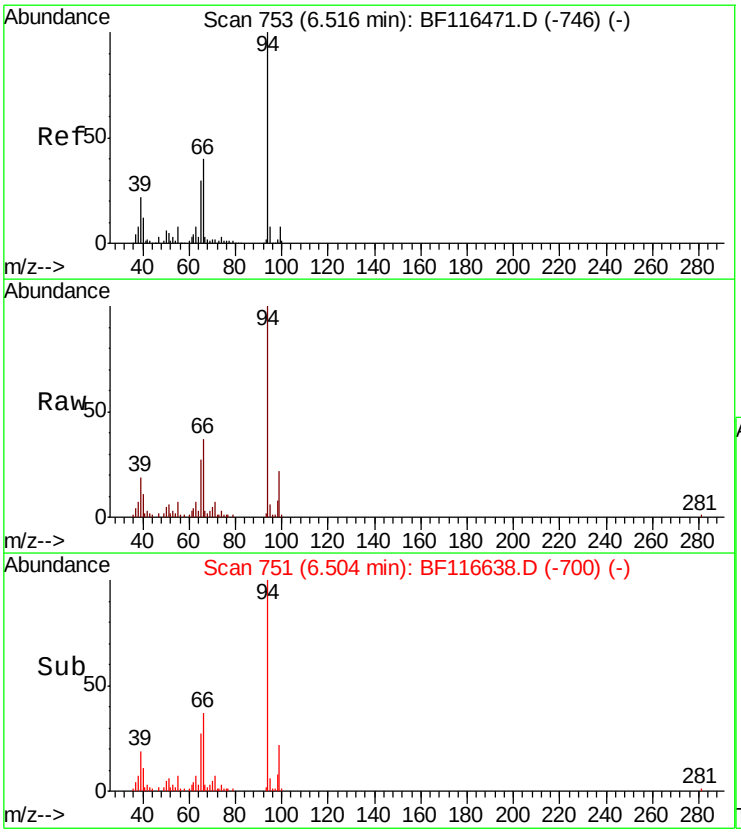
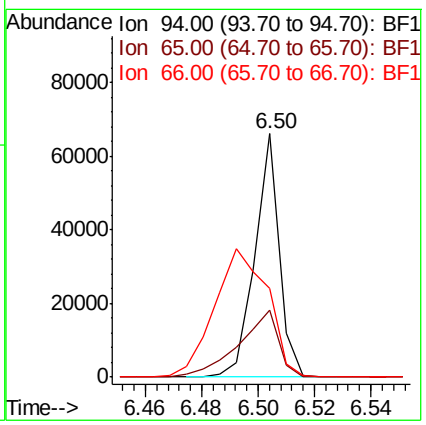
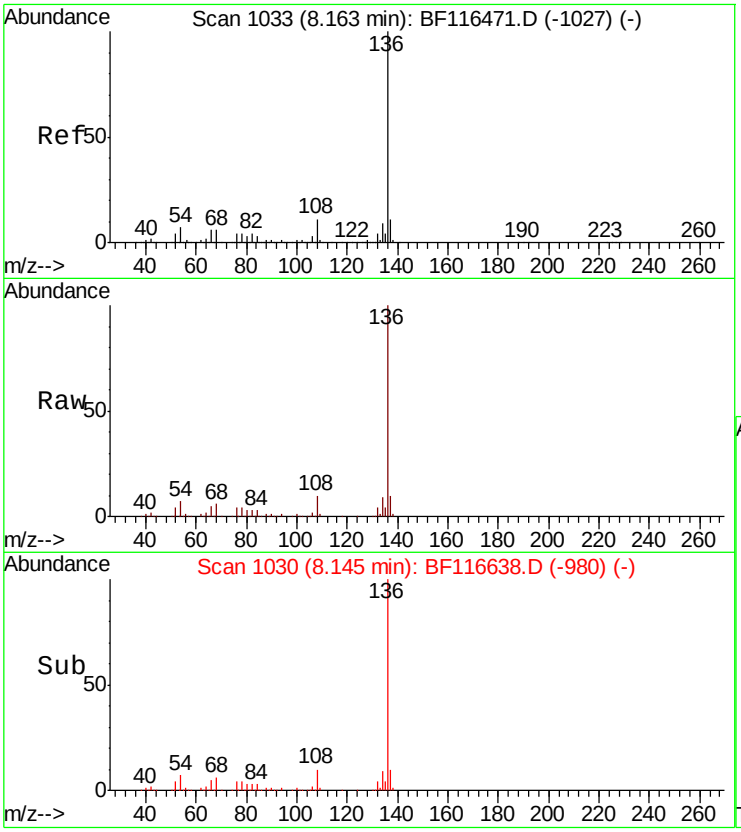


#10
Phenol
Concen: 5.393 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion: 94 Resp: 39611

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.6	48.6
66	36.6	18.0	58.0

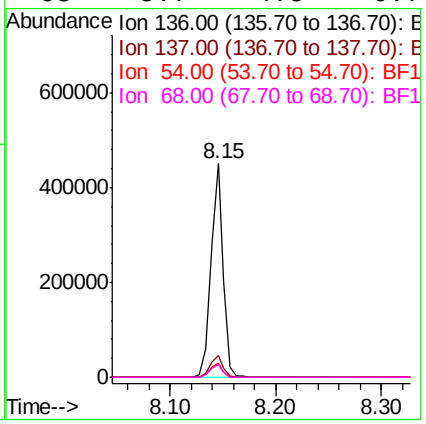




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:136 Resp: 366180

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.6	5.0	7.4
68	5.7	4.5	6.7



Instrument :
BNA_F
ClientSampleId :
S703A-N-0.0-0.5-082719

Manual Integrations APPROVED
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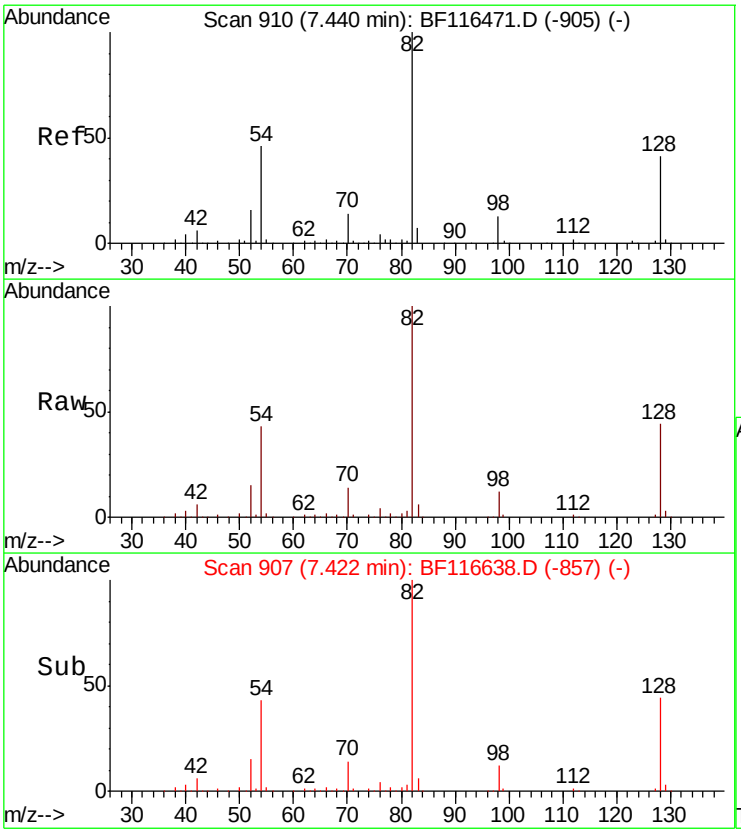
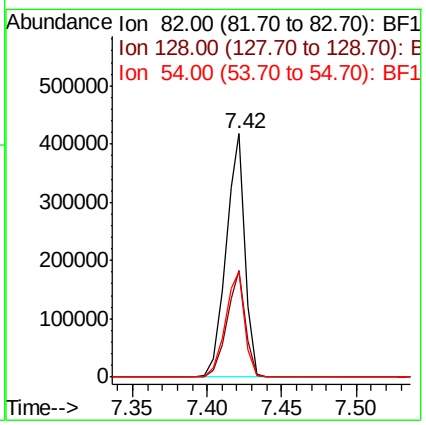
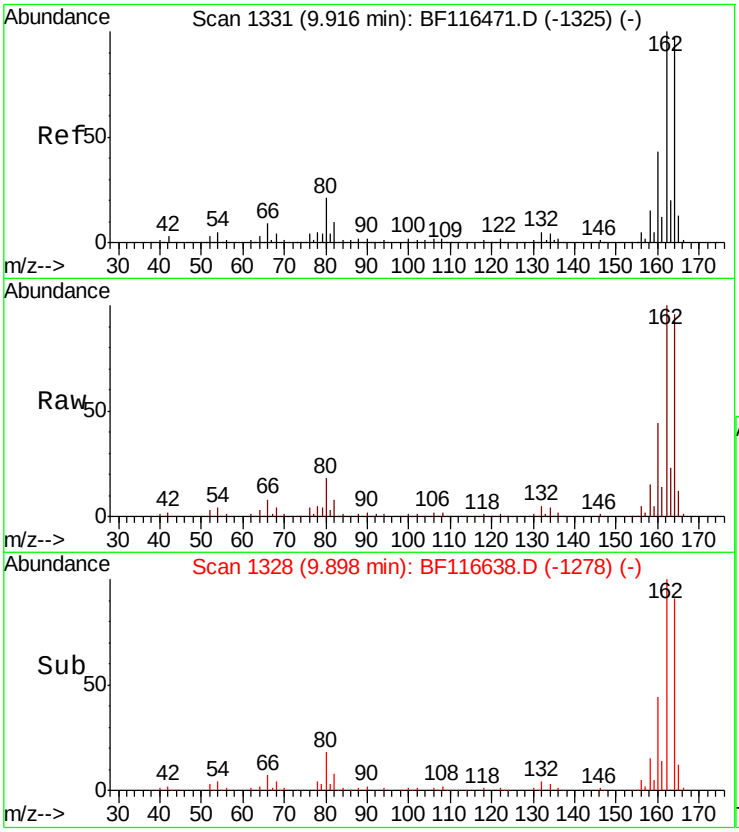


#23
Nitrobenzene-d5
Concen: 58.406 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion: 82 Resp: 373772

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.0	52.6
54	43.1	34.4	51.6

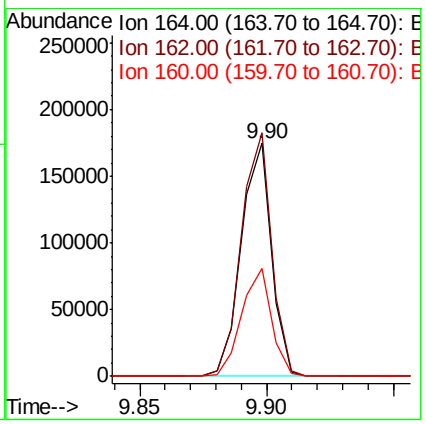




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:164 Resp: 144689

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.4	125.0
160	46.3	37.0	55.4



Instrument :
BNA_F
ClientSampleId :
S703A-N-0.0-0.5-082719

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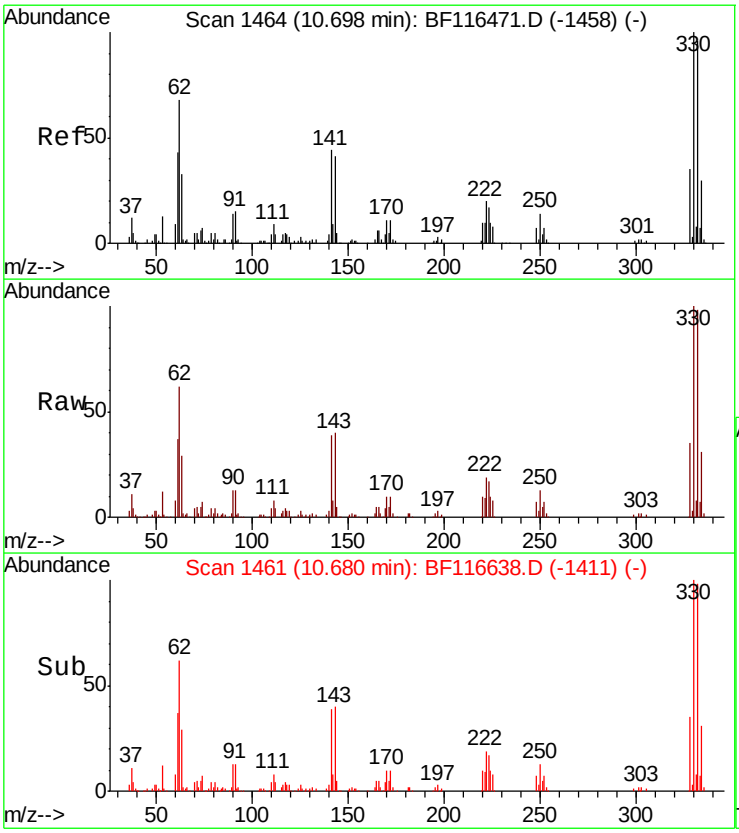
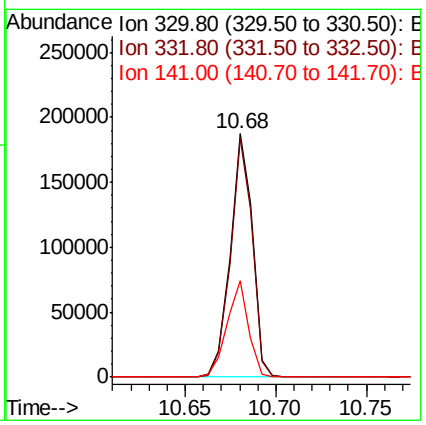
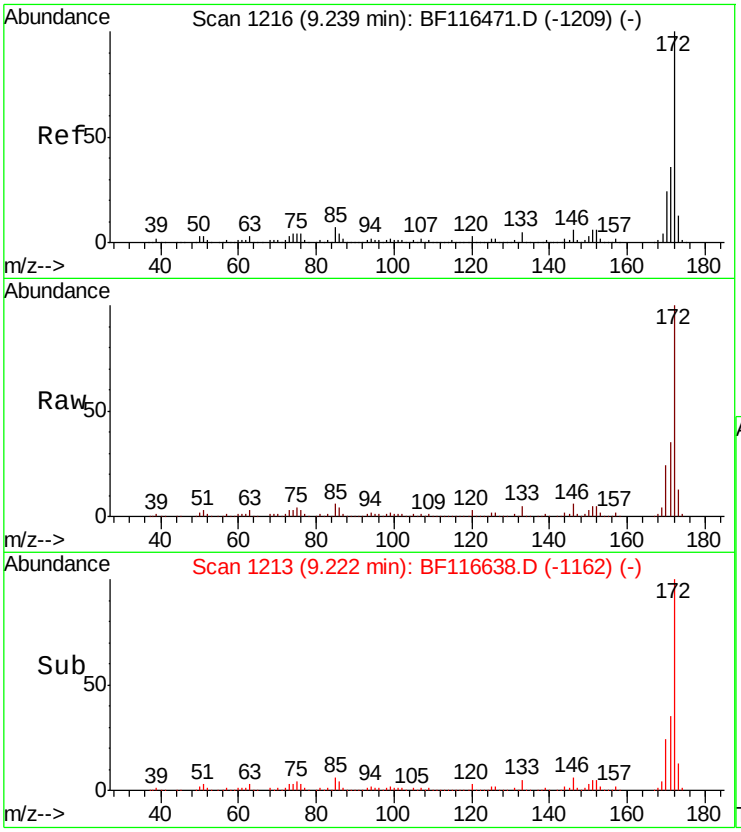


#42
2,4,6-Tribromophenol
Concen: 115.870 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:330 Resp: 159538

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	38.6	28.2	42.2

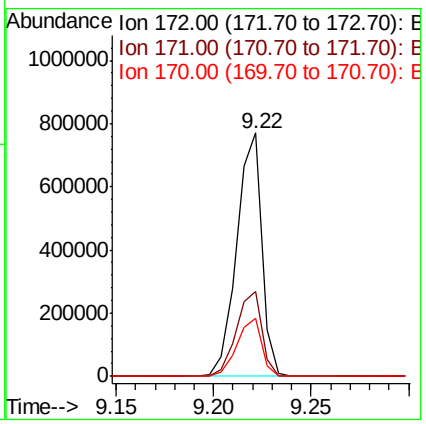




#45
2-Fluorobiphenyl
Concen: 78.906 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:172 Resp: 686029

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.6
170	23.8	19.3	28.9



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ClientSampleId :
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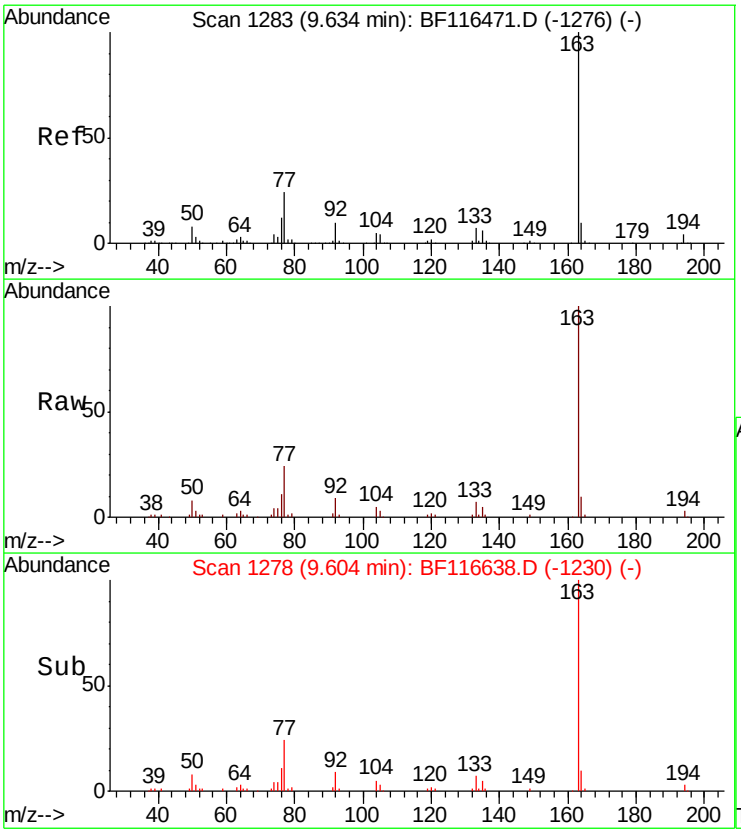
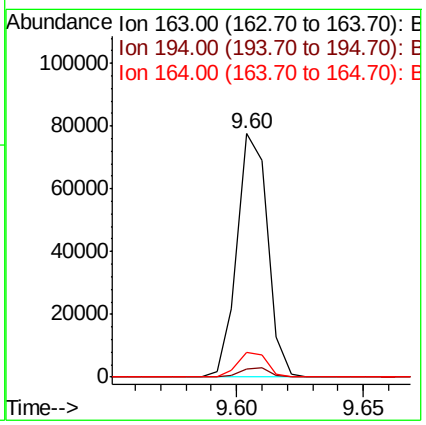
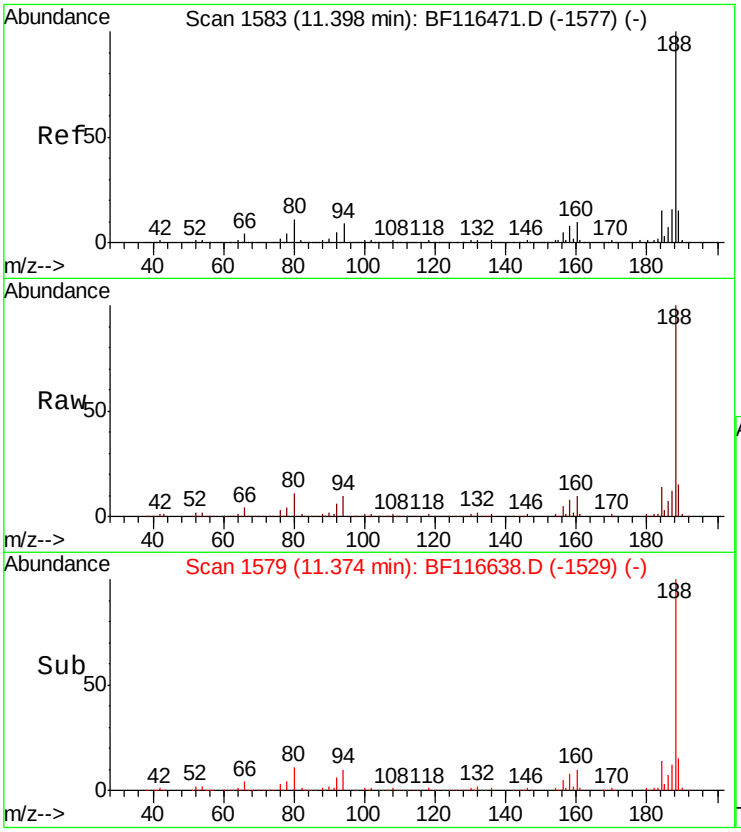


#50
Dimethylphthalate
Concen: 6.684 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:163 Resp: 65018

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	10.0	8.2	12.2

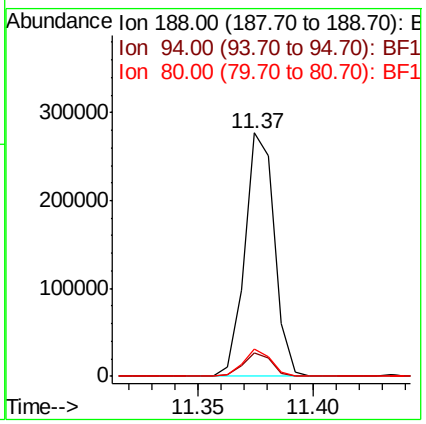




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:188 Resp: 248661

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.4
80	11.1	8.9	13.3



Instrument :
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ClientSampleId :
S703A-N-0.0-0.5-082719

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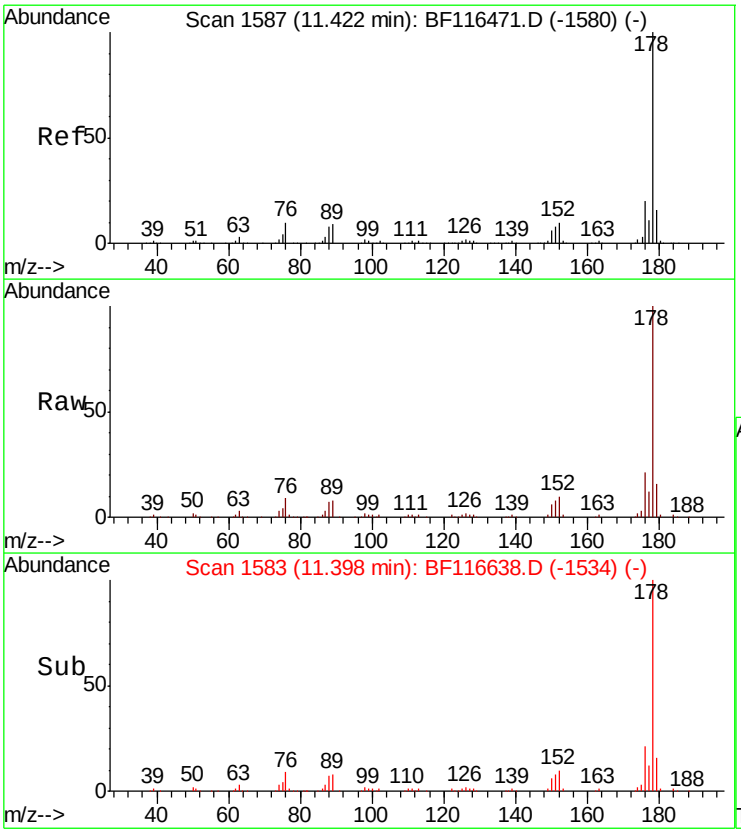
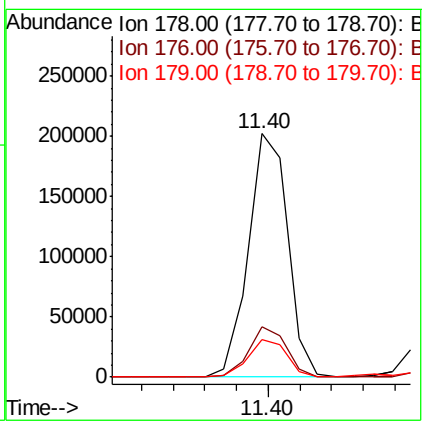
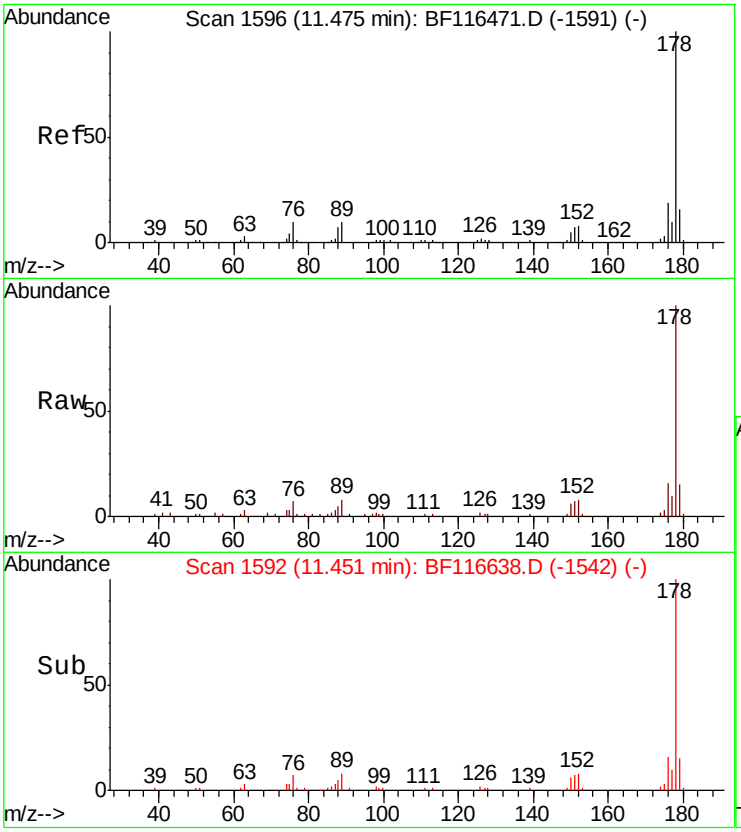


#71
Phenanthrene
Concen: 13.033 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:178 Resp: 174064

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.5	23.3
179	15.6	12.4	18.6

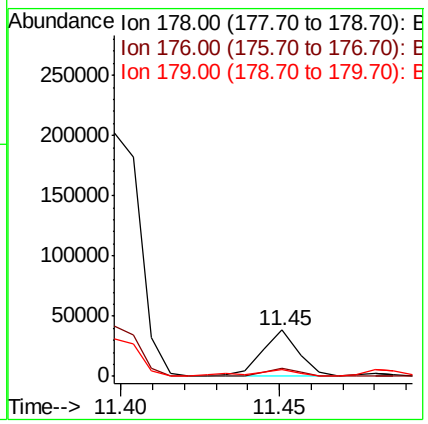




#72
Anthracene
Concen: 2.265 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:178 Resp: 30245

Ion	Ratio	Lower	Upper
178	100		
176	16.1	15.1	22.7
179	14.7	12.7	19.1



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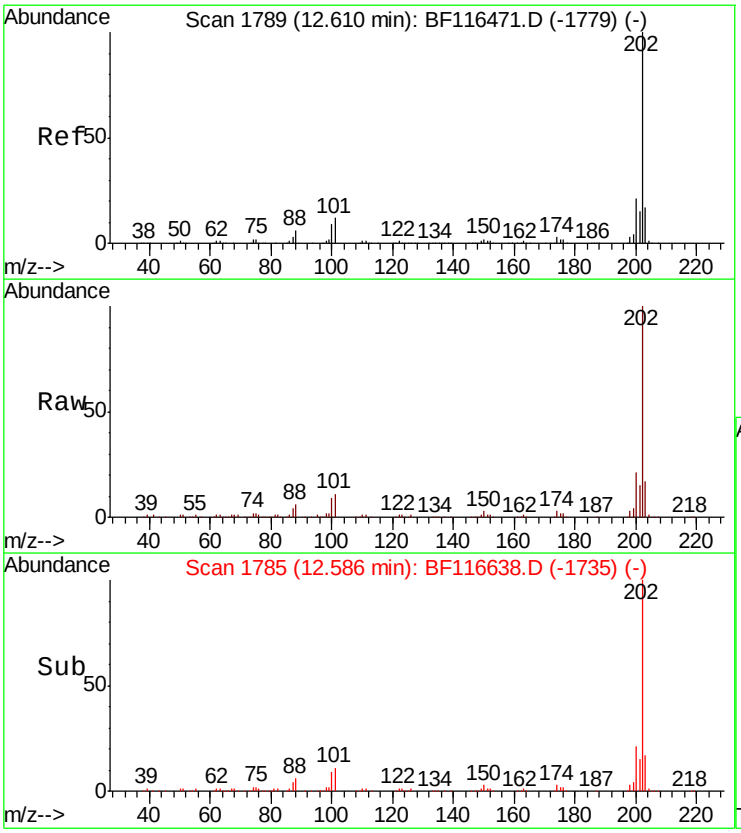
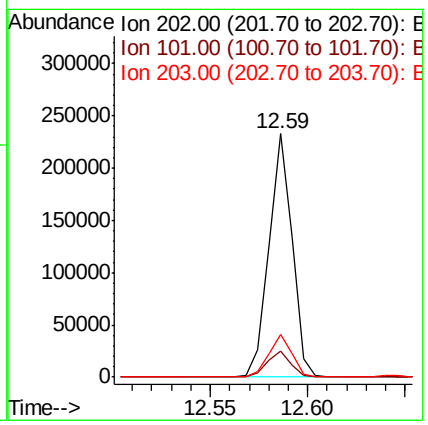
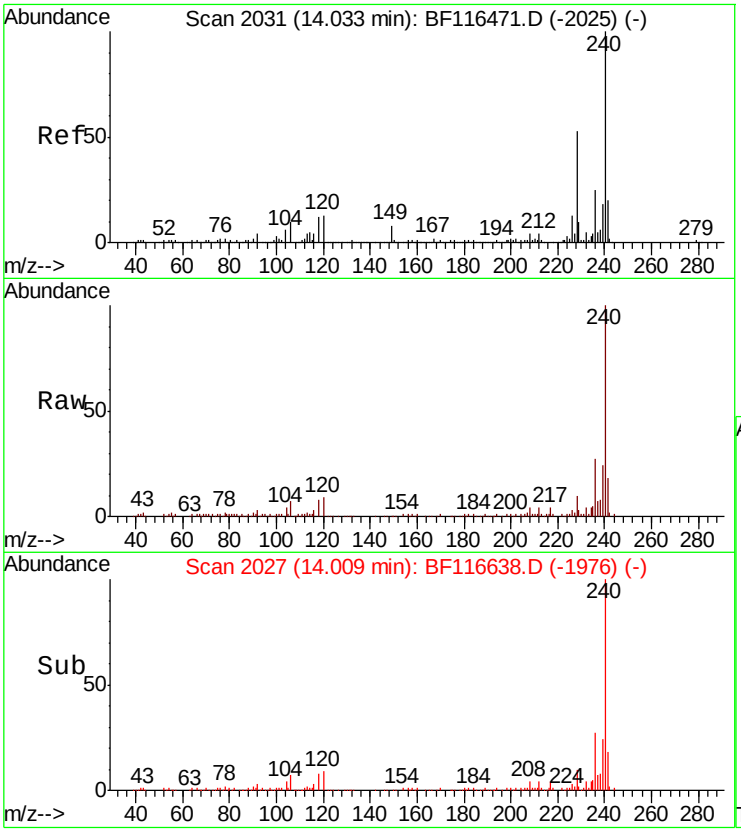


#75
Fluoranthene
Concen: 15.954 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:202 Resp: 191098

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.8
203	17.3	0.0	37.1

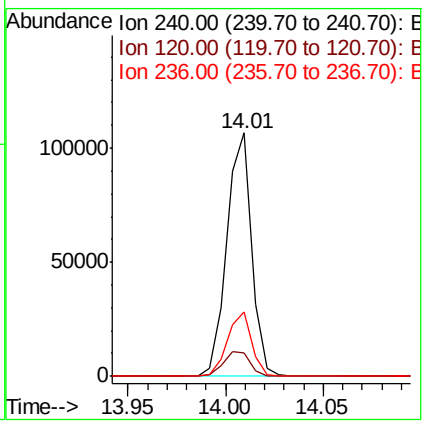




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:240 Resp: 94000

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.3	16.9#
236	26.6	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
S703A-N-0.0-0.5-082719

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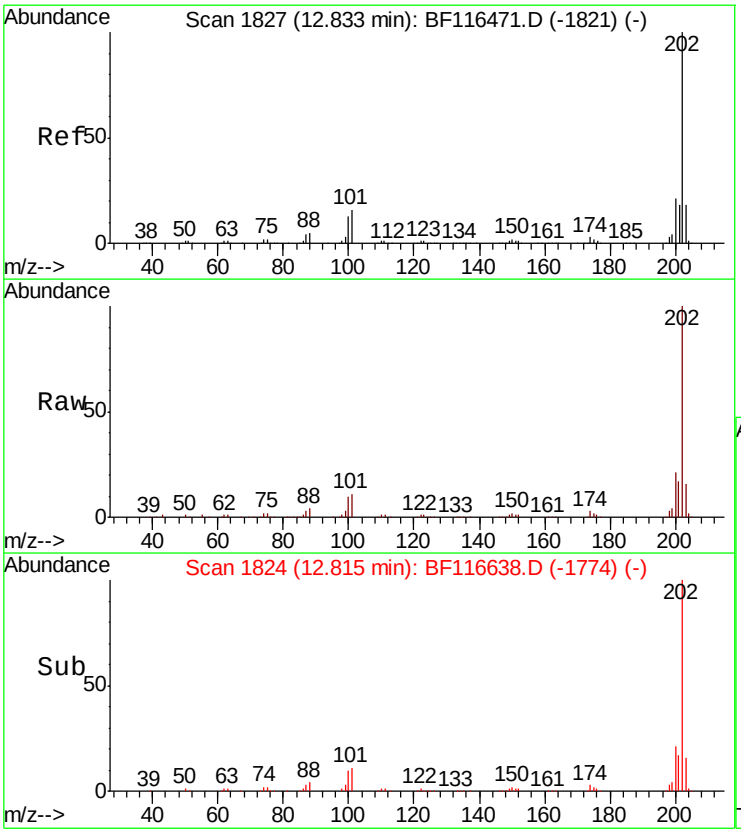
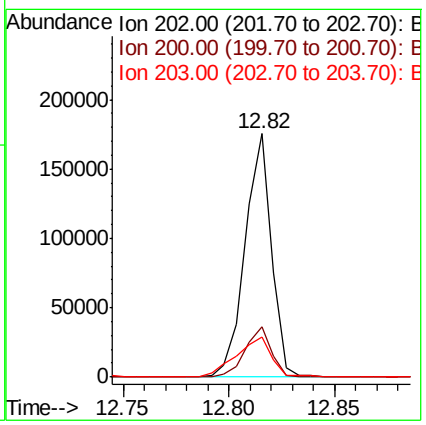
Jagrut
8/29/2019 7:47:33 PM

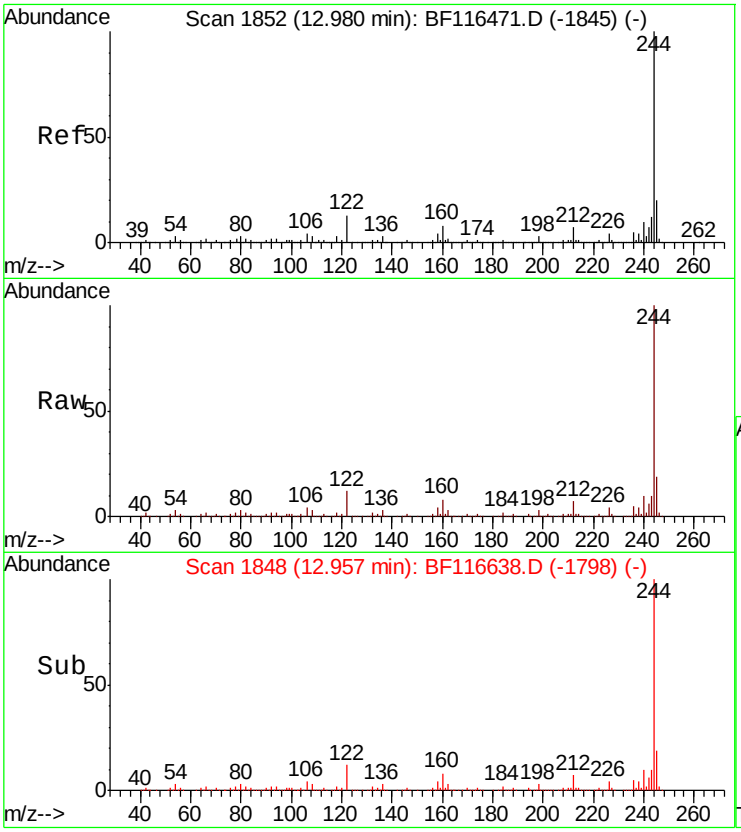


#78
Pyrene
Concen: 17.683 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:202 Resp: 152843

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.0
203	16.5	14.2	21.4

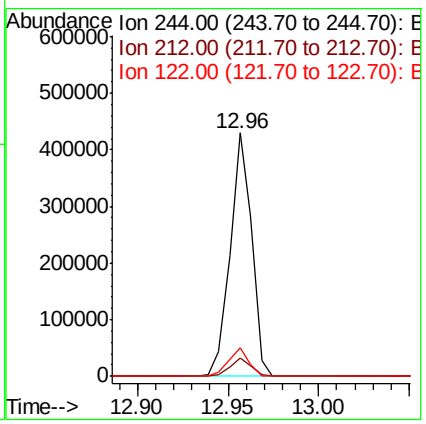




#79
Terphenyl-d14
Concen: 61.268 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:244 Resp: 354116

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
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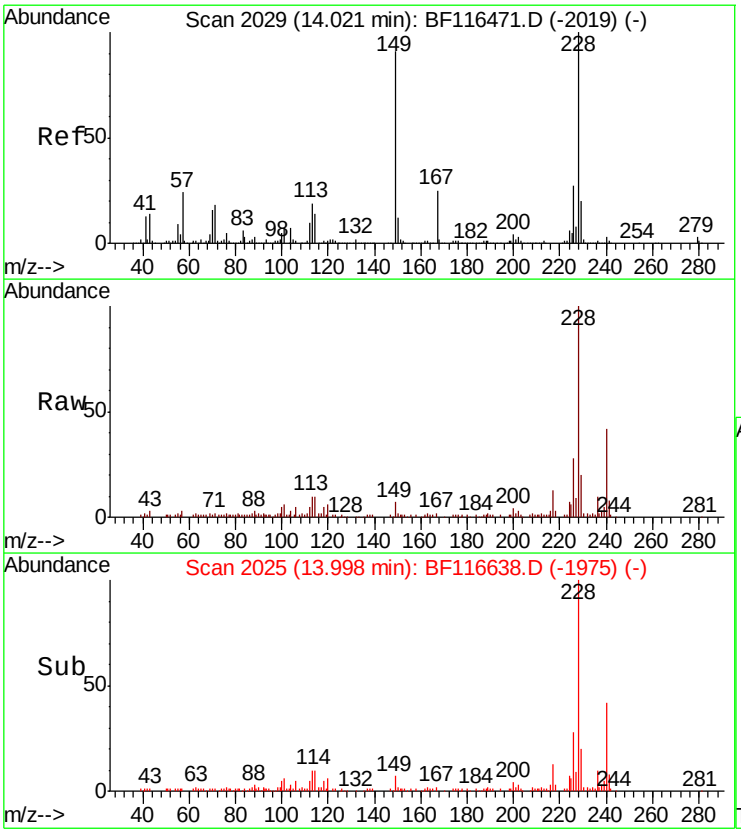
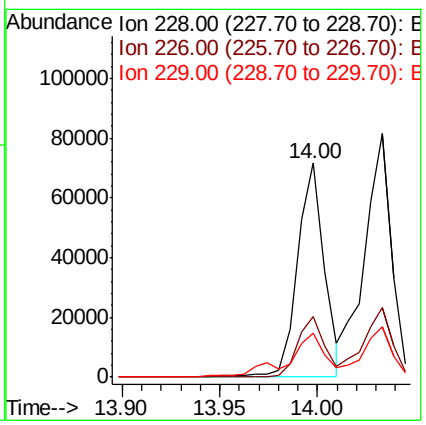
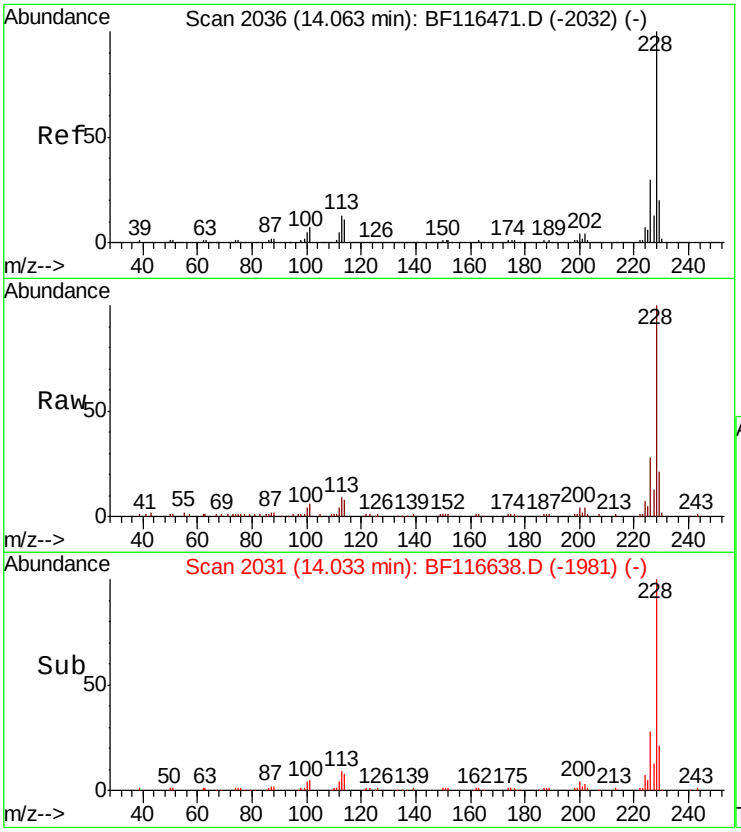


#81
Benzo(a)anthracene
Concen: 10.861 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:228 Resp: 68067

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.4	15.4	23.0





#83
Chrysene
Concen: 12.874 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:228 Resp: 78984

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.6	15.8	23.8

Instrument :
BNA_F
ClientSampleId :
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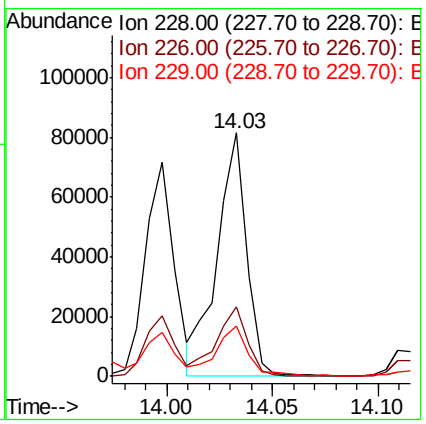
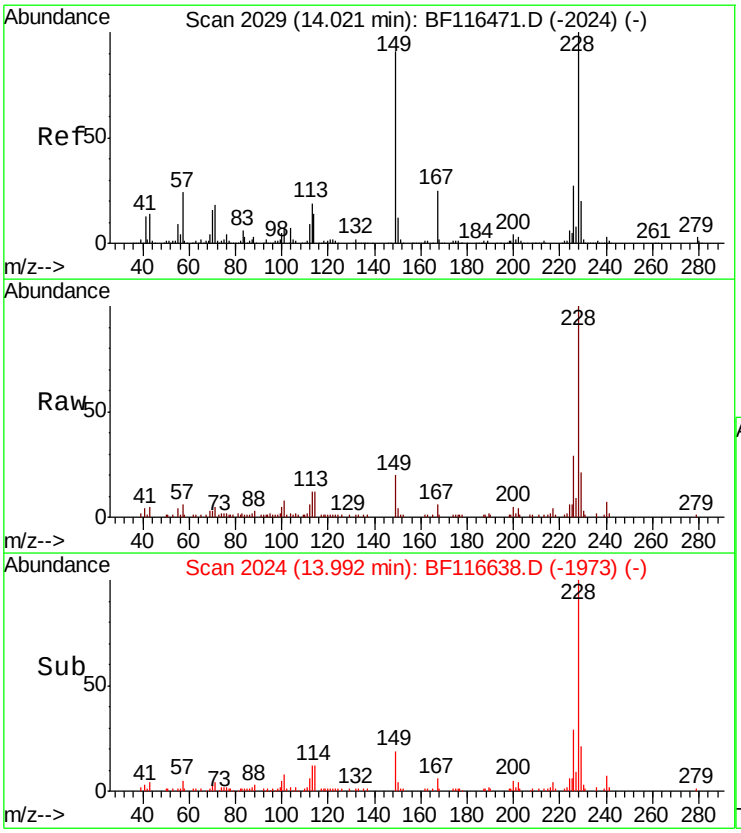
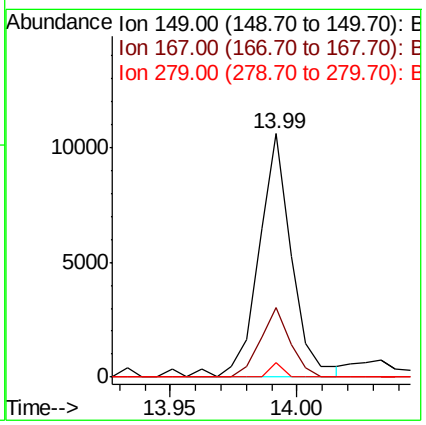


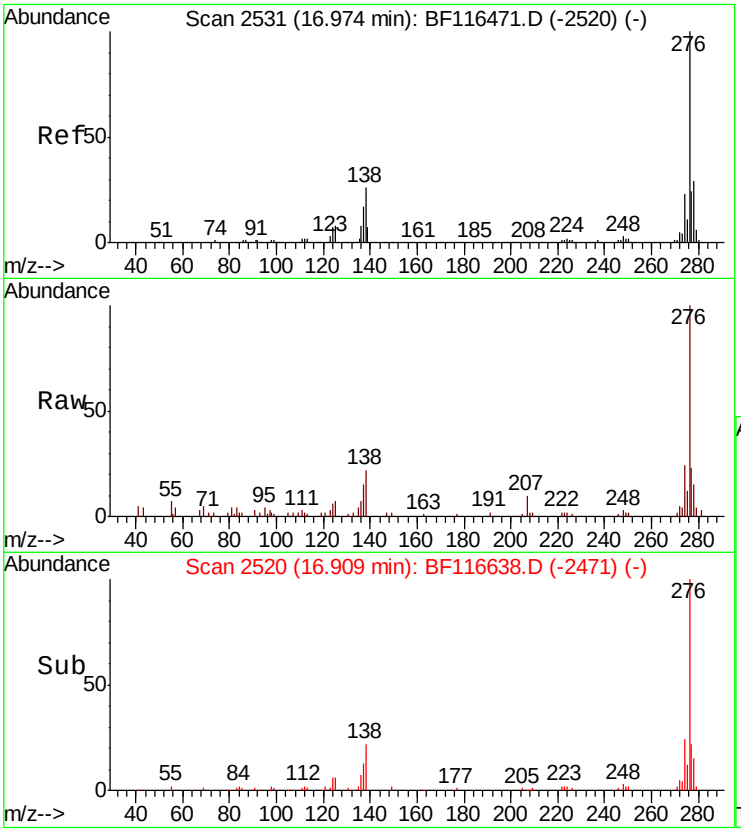


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.440 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:149 Resp: 9583

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.2	31.8
279	6.0	2.7	4.1#

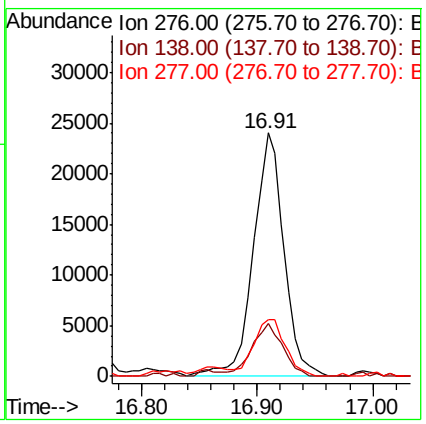




#86
Indeno(1,2,3-cd)pyrene
Concen: 12.433 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:276 Resp: 44461

Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.5	32.3
277	24.4	20.0	30.0



Instrument :
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ClientSampleId :
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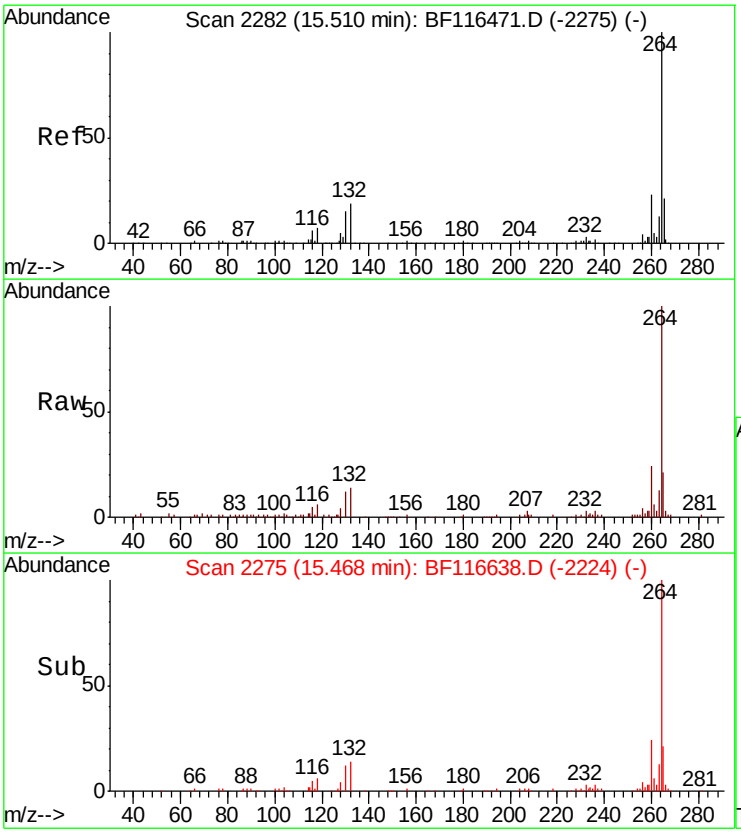
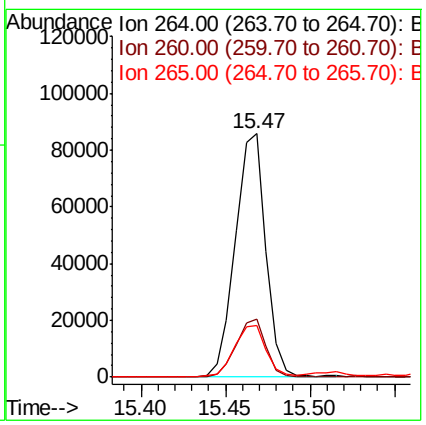
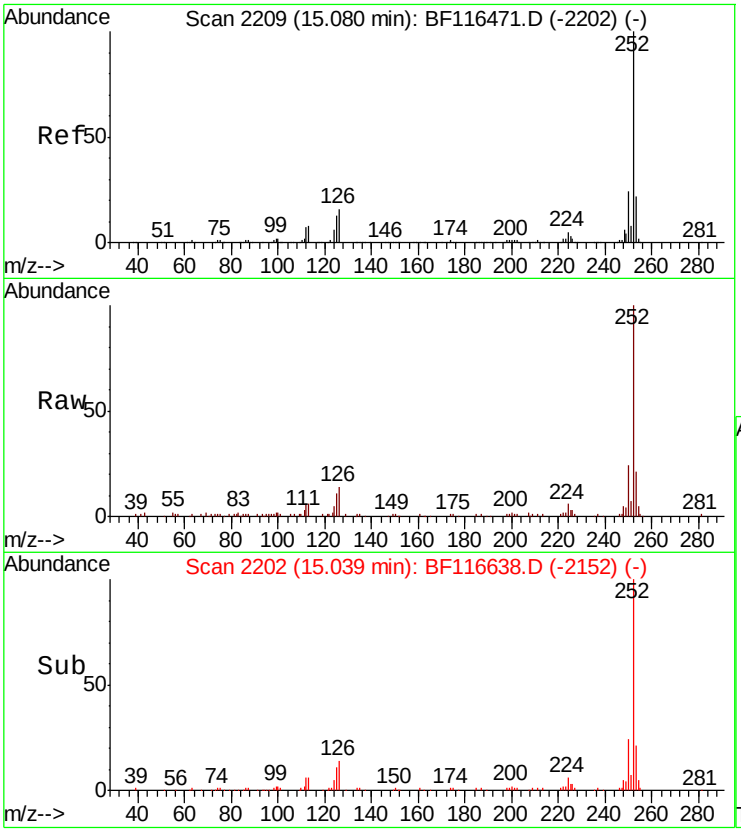


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:264 Resp: 107969

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.0	30.0
265	21.0	17.6	26.4

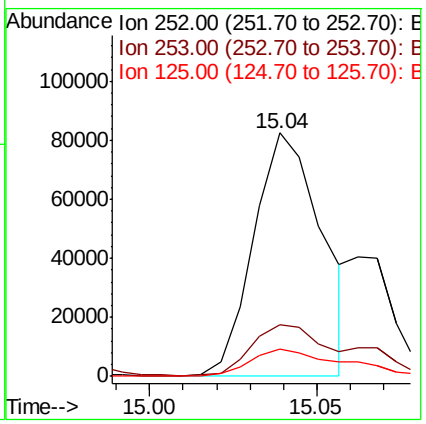




#88
Benzo(b)fluoranthene
Concen: 17.671 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:252 Resp: 117162

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.3	25.9
125	11.2	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
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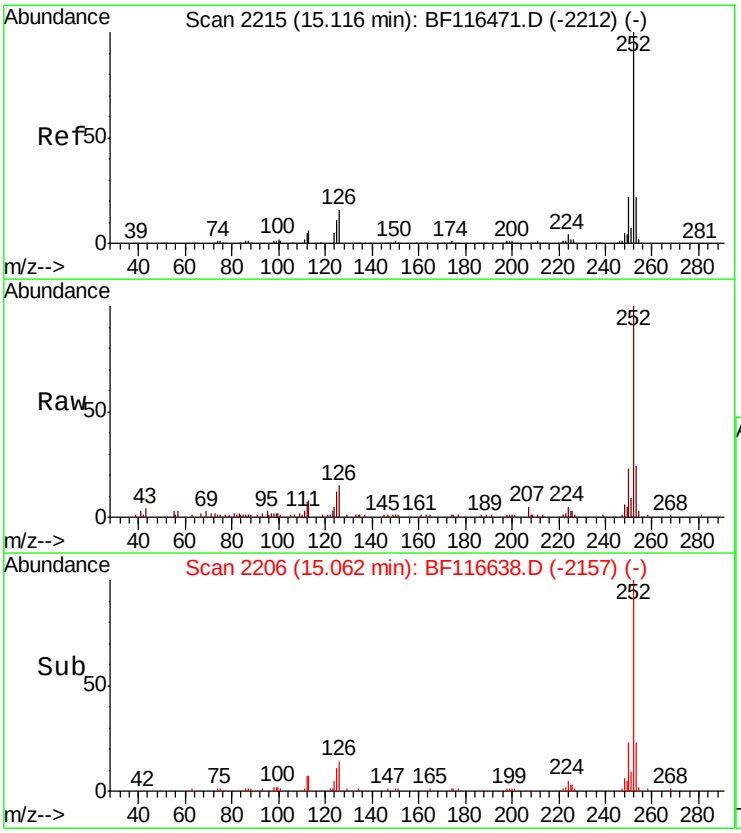
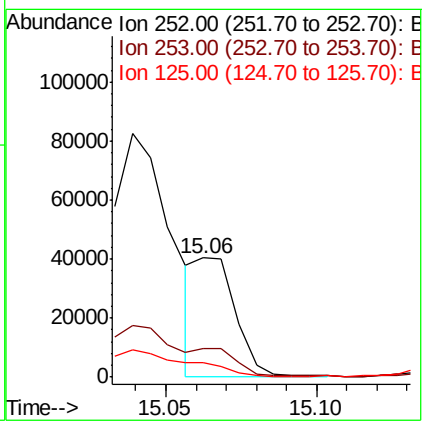
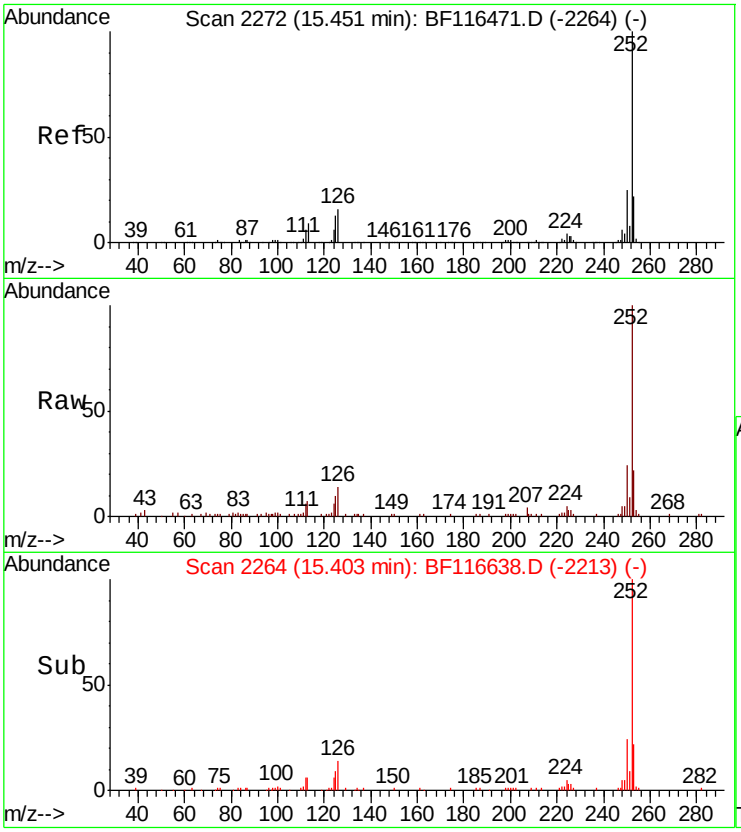


#89
Benzo(k)fluoranthene
Concen: 5.880 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:252 Resp: 37060

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	12.0	8.6	13.0





#90
Benzo(a)pyrene
Concen: 12.137 ng m
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:252 Resp: 71822

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.9	10.6	16.0#

Instrument :
BNA_F
ClientSampleId :
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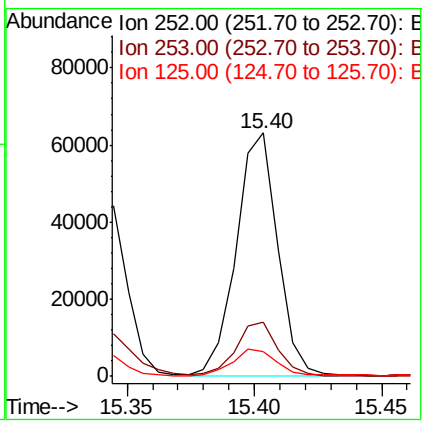
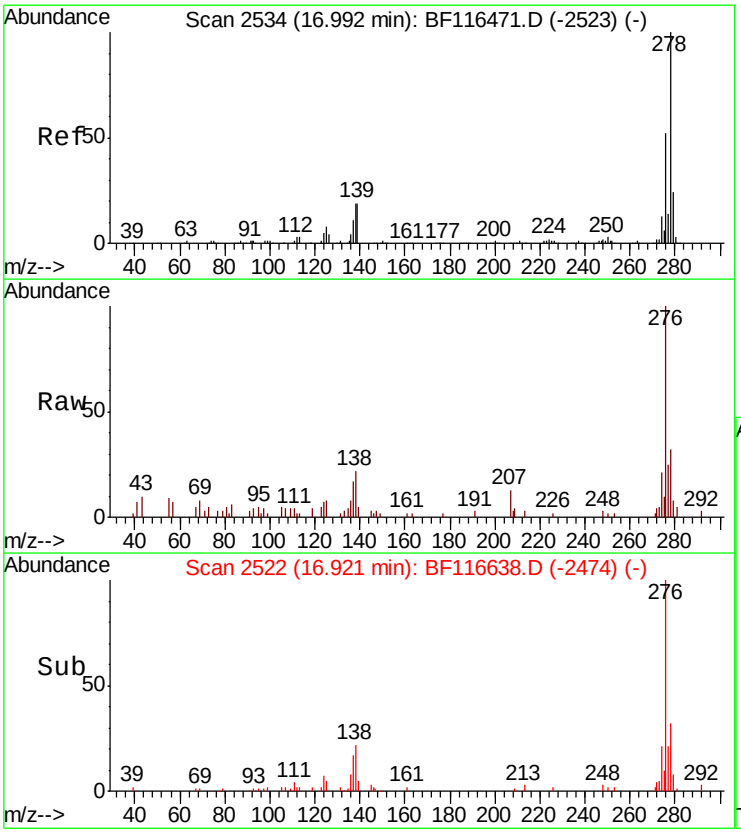
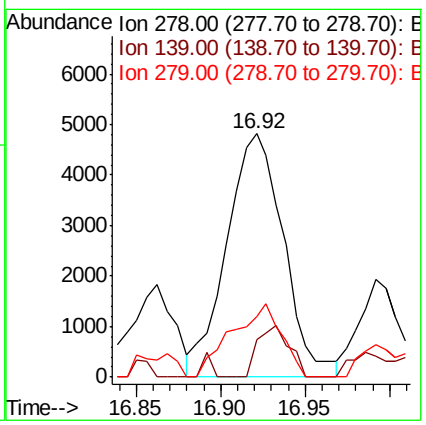


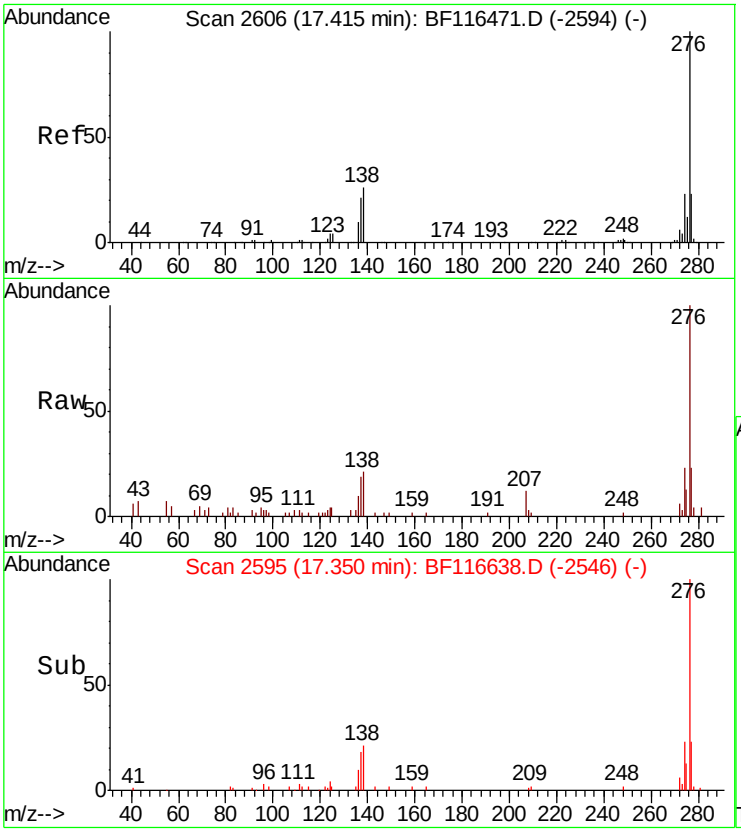


#91
Dibenzo(a,h)anthracene
Concen: 2.047 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.02 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:278 Resp: 11301

Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.1	21.1
279	24.8	19.5	29.3

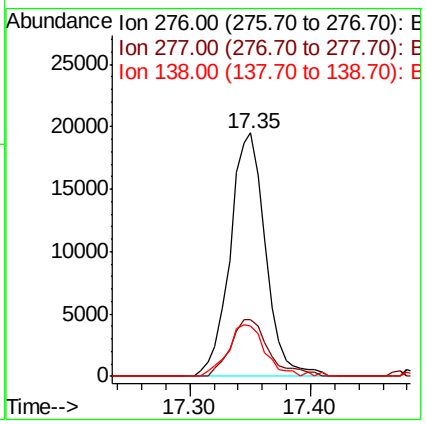




#92
Benzo(g,h,i)perylene
Concen: 6.927 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BF116638.D
Acq: 29 Aug 2019 1:56

Tgt Ion:276 Resp: 39772

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.7	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
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