Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116870.D
Acq On : 6 Sep 2019 20:02
Operator : HP/JU
Sample : K4669-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 07 05:22:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TR-05-090519

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	74389	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	301229	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	141976	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	185064	20.00	ng		0.00
76) Chrysene-d12	14.00	240	149876	20.00	ng		0.00
87) Perylene-d12	15.46	264	126970	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	76752	16.72	ng		0.00
7) Phenol-d6	6.47	99	109998	18.24	ng		-0.01
23) Nitrobenzene-d5	7.40	82	62711	11.88	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	14589	15.37	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	118087	14.03	ng		-0.01
79) Terphenyl-d14	12.94	244	81041	10.00	ng		-0.01
Target Compounds							Qvalue
49) Acenaphthylene	9.74	152	25863	2.005	ng		98
71) Phenanthrene	11.39	178	77436	7.517	ng		98
72) Anthracene	11.44	178	42935	4.140	ng		97
75) Fluoranthene	12.57	202	234278	23.140	ng		99
78) Pyrene	12.80	202	221215	16.604	ng		98
81) Benzo(a)anthracene	13.99	228	135488	14.284	ng		97
83) Chrysene	14.03	228	121583	12.441	ng		97
86) Indeno(1,2,3-cd)pyrene	16.92	276	46435	5.916	ng		99
88) Benzo(b)fluoranthene	15.04	252	138017m	17.979	ng		
89) Benzo(k)fluoranthene	15.05	252	50958m	7.281	ng		
90) Benzo(a)pyrene	15.40	252	92965	13.920	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	11942	2.043	ng	#	76
92) Benzo(g,h,i)perylene	17.36	276	43130	7.234	ng	#	92

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

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Misc :
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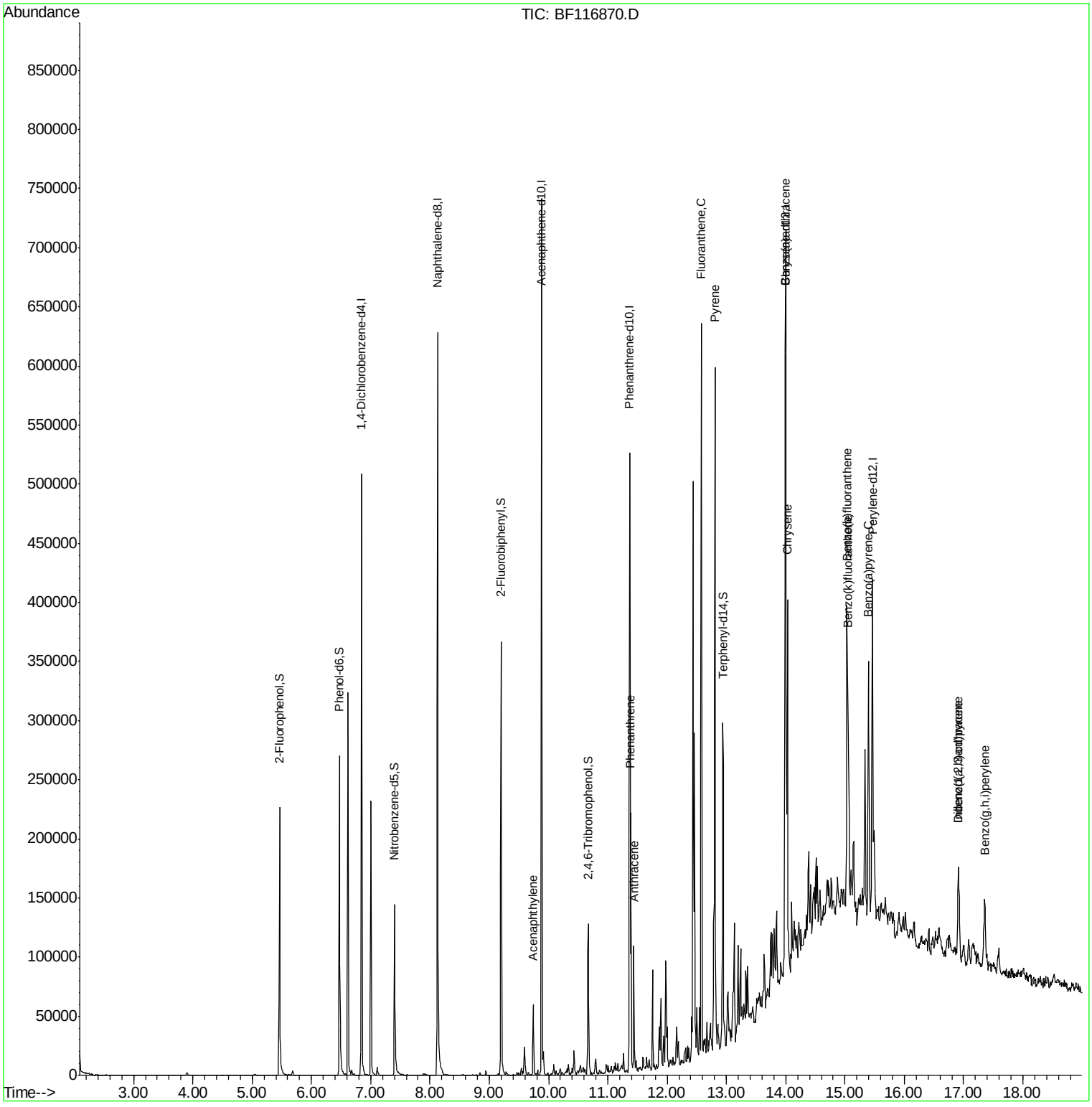
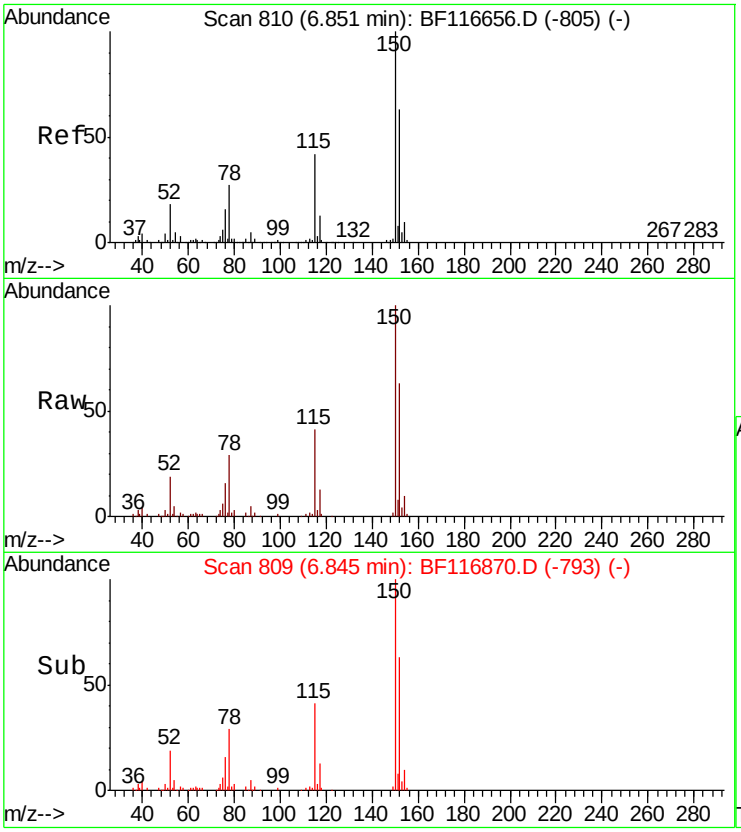
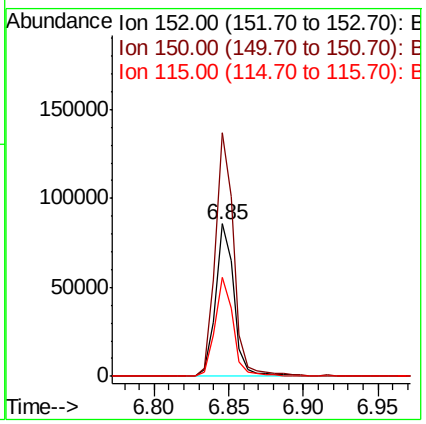




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:152 Resp: 74389

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.4	186.6
115	65.3	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
TR-05-090519

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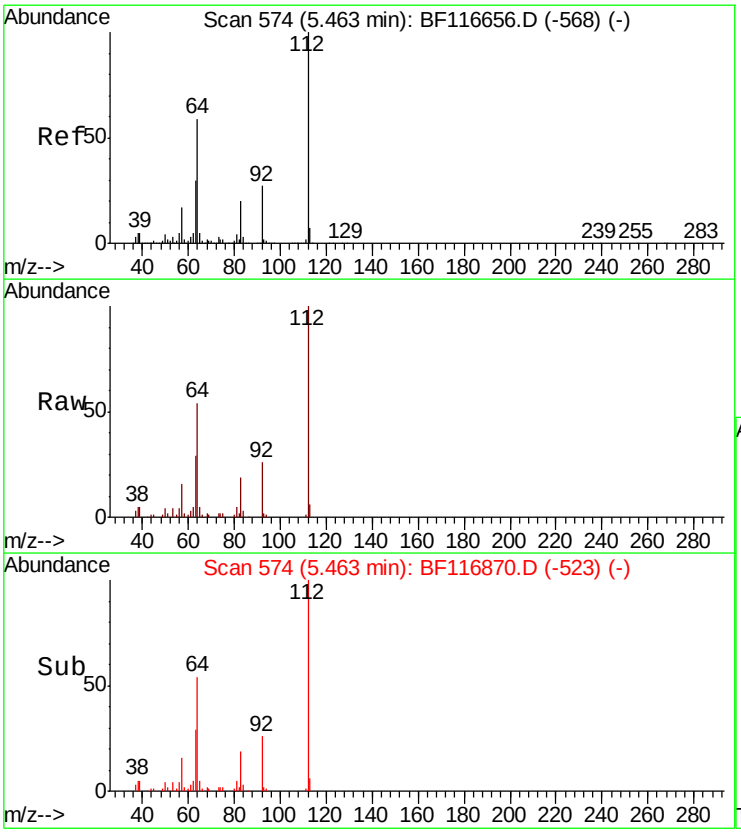
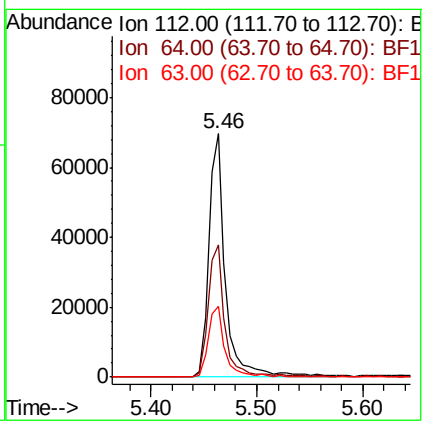
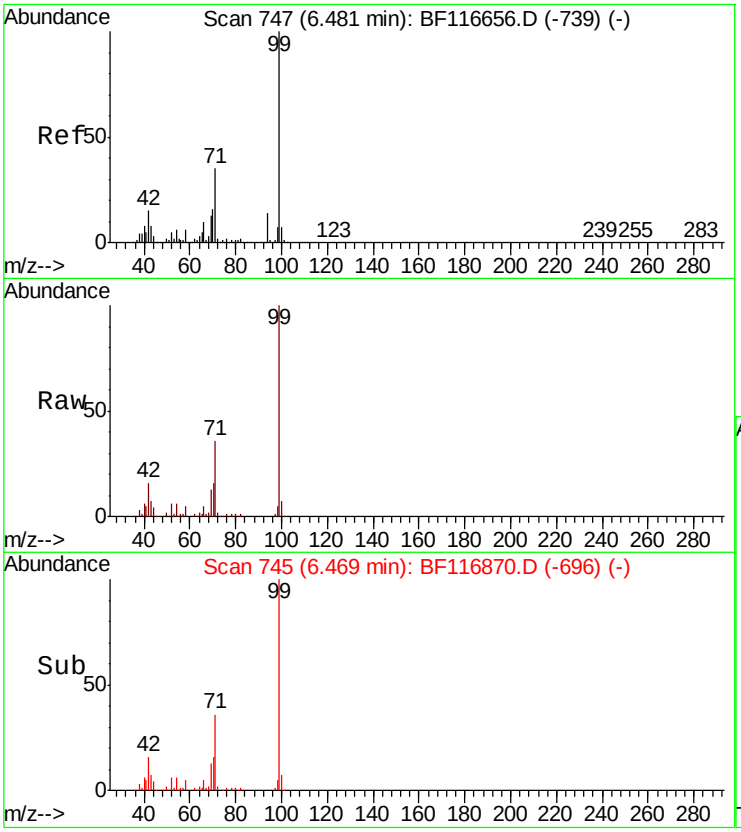


#5
2-Fluorophenol
Concen: 16.715 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:112 Resp: 76752

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.1	70.7
63	29.2	24.9	37.3

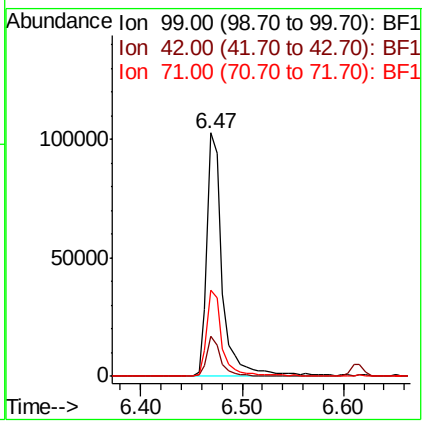




#7
Phenol-d6
Concen: 18.243 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion: 99 Resp: 109998

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	35.5	30.8	46.2



Instrument :
BNA_F
ClientSampleId :
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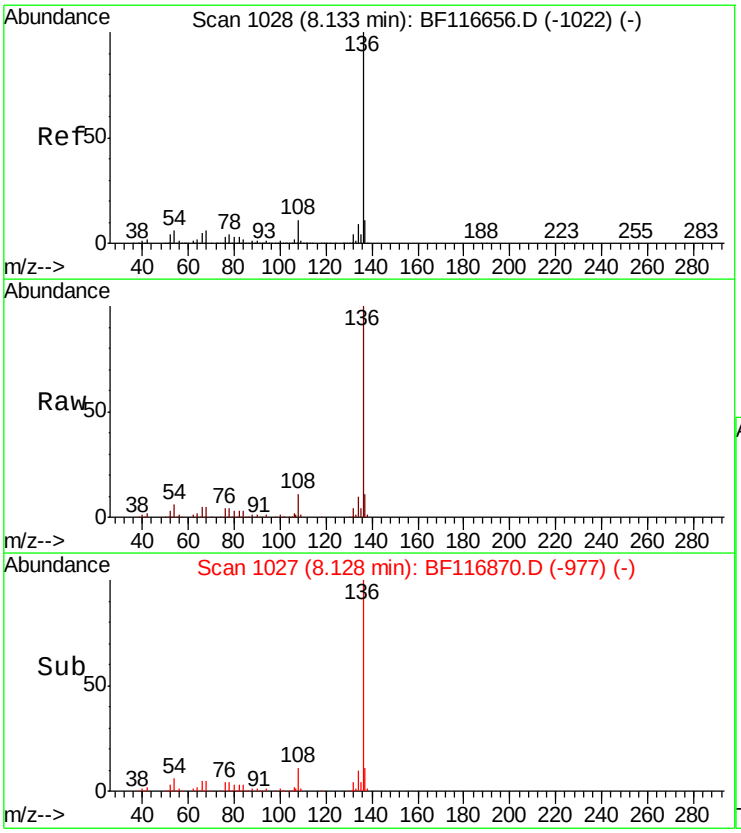
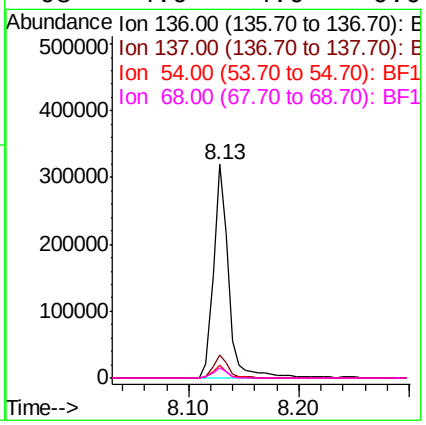
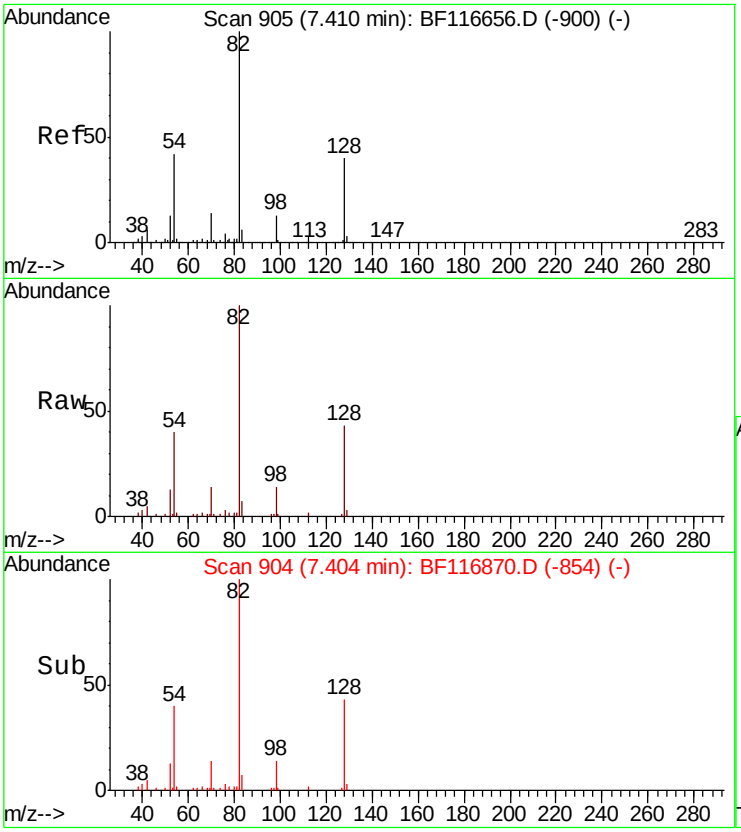


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:136 Resp: 301229

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	4.8	7.2
68	4.9	4.0	6.0

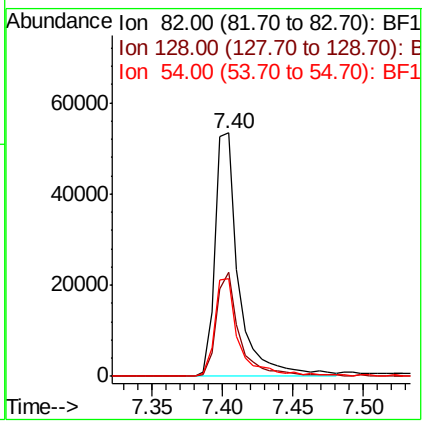




#23
Nitrobenzene-d5
Concen: 11.885 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion: 82 Resp: 62711

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.8	49.2
54	40.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
TR-05-090519

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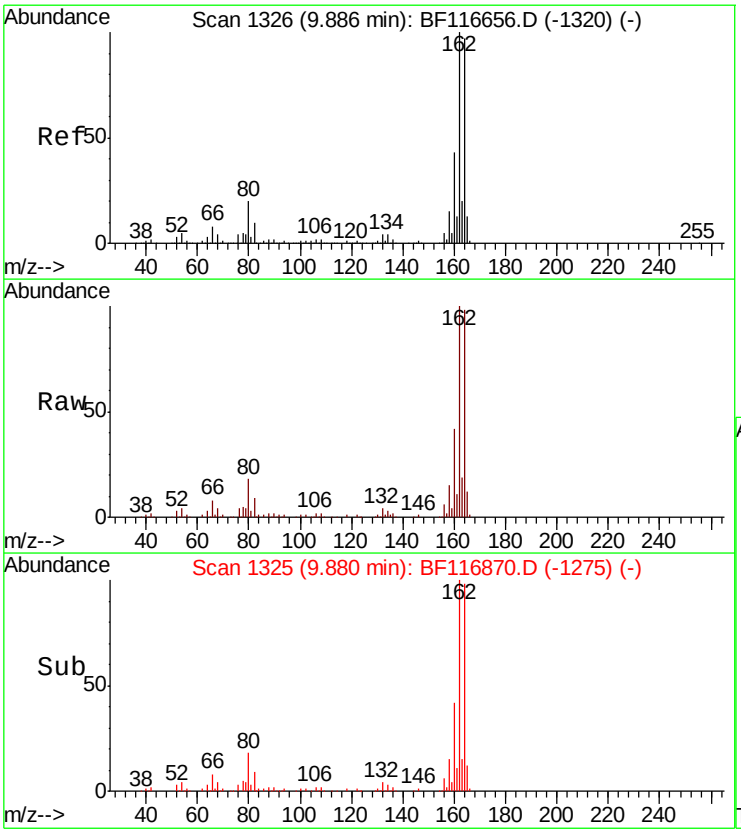
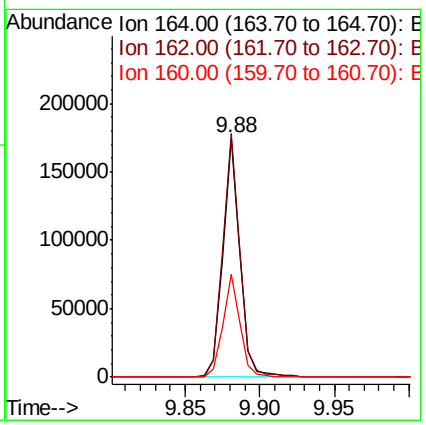
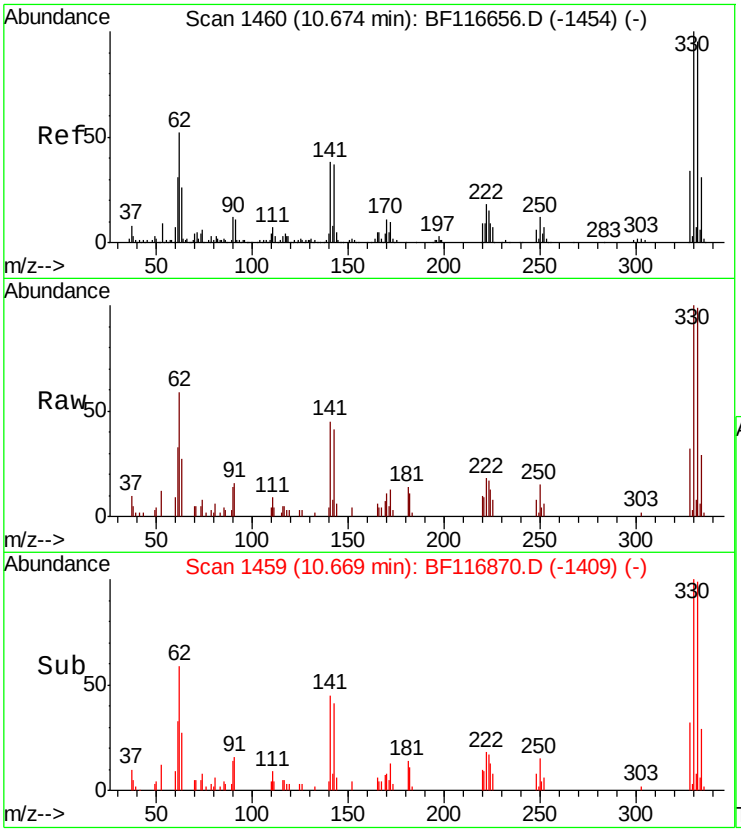


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:164 Resp: 141976

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	42.8	35.4	53.2

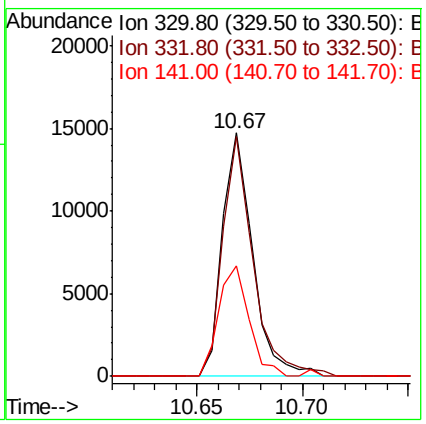




#42
2,4,6-Tribromophenol
Concen: 15.371 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:330 Resp: 14589

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.9	115.3
141	45.6	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
TR-05-090519

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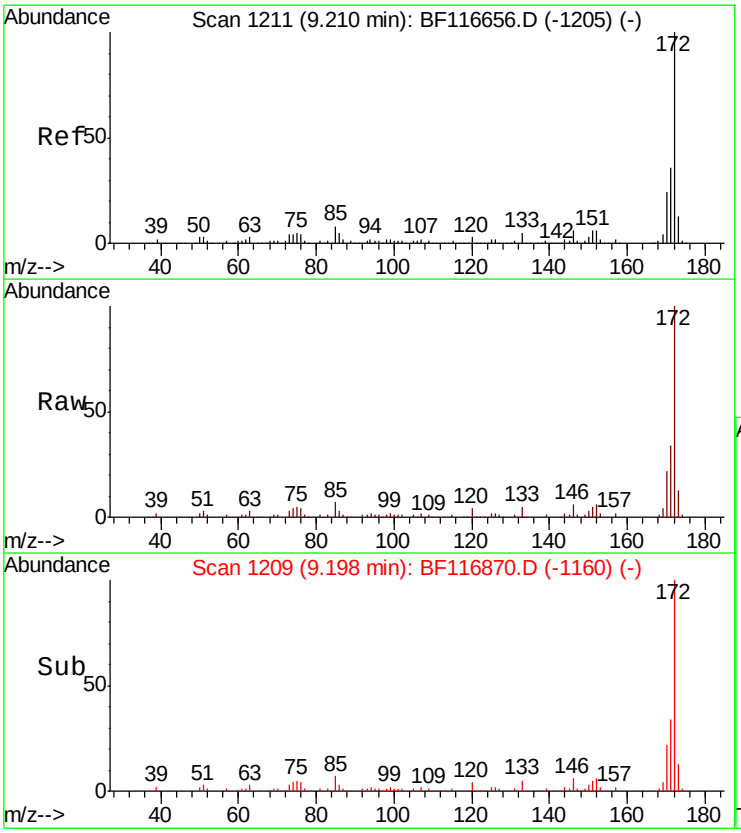
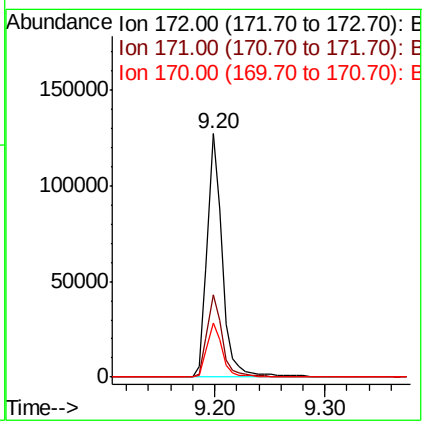
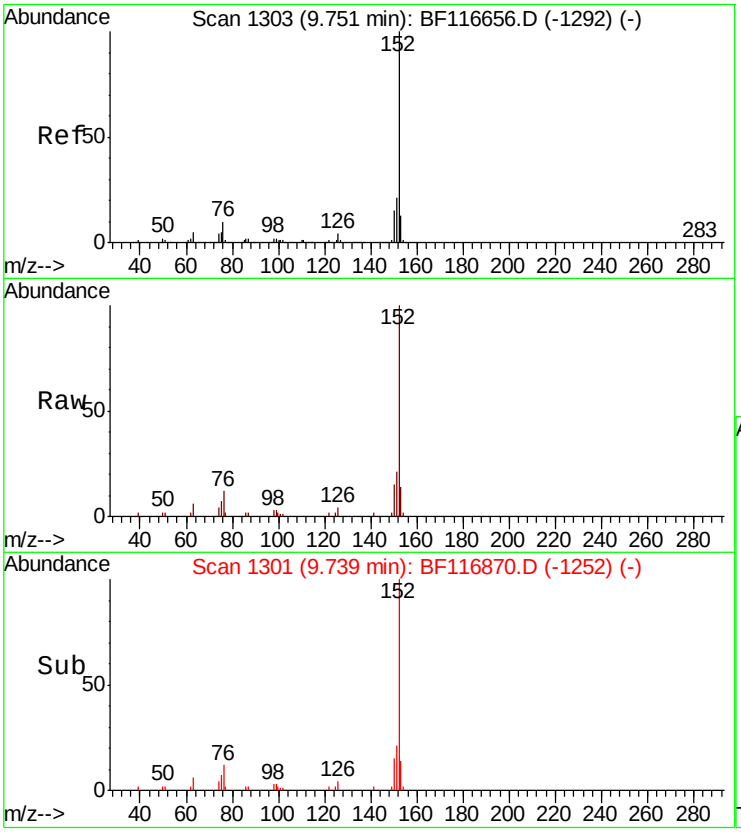


#45
2-Fluorobiphenyl
Concen: 14.031 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:172 Resp: 118087

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	22.4	18.9	28.3

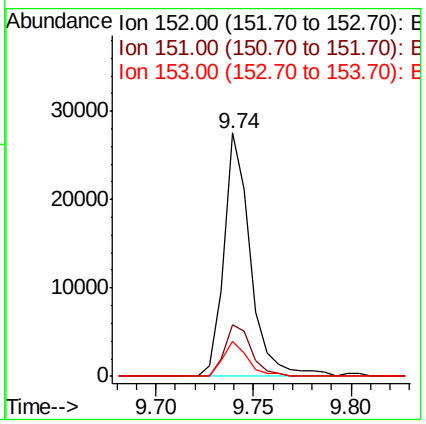




#49
Acenaphthylene
Concen: 2.005 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:152 Resp: 25863

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.9	23.9
153	14.1	10.9	16.3



Instrument :
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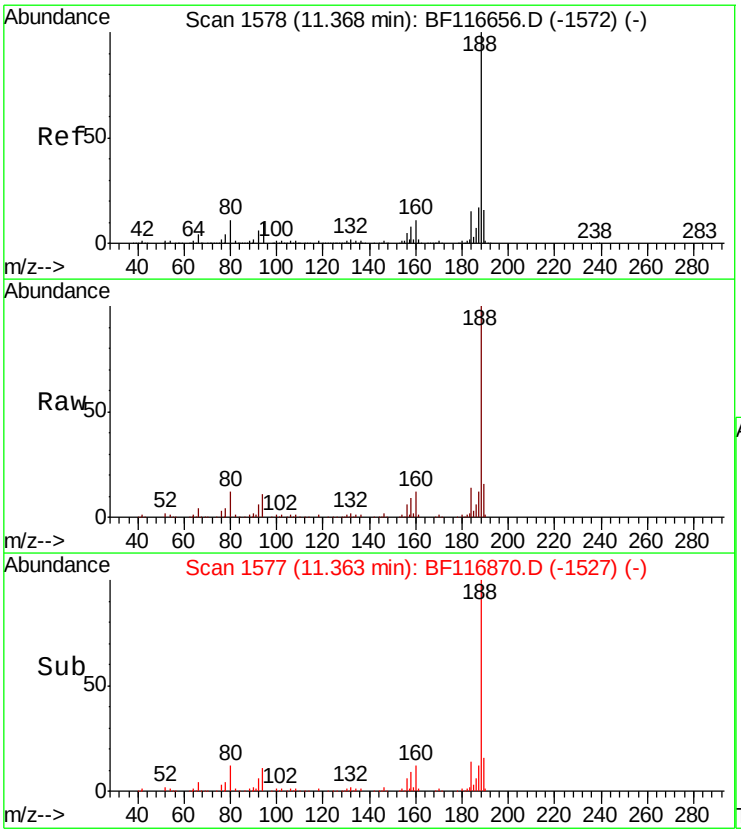
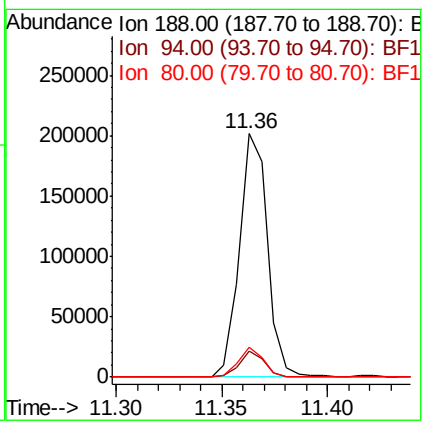
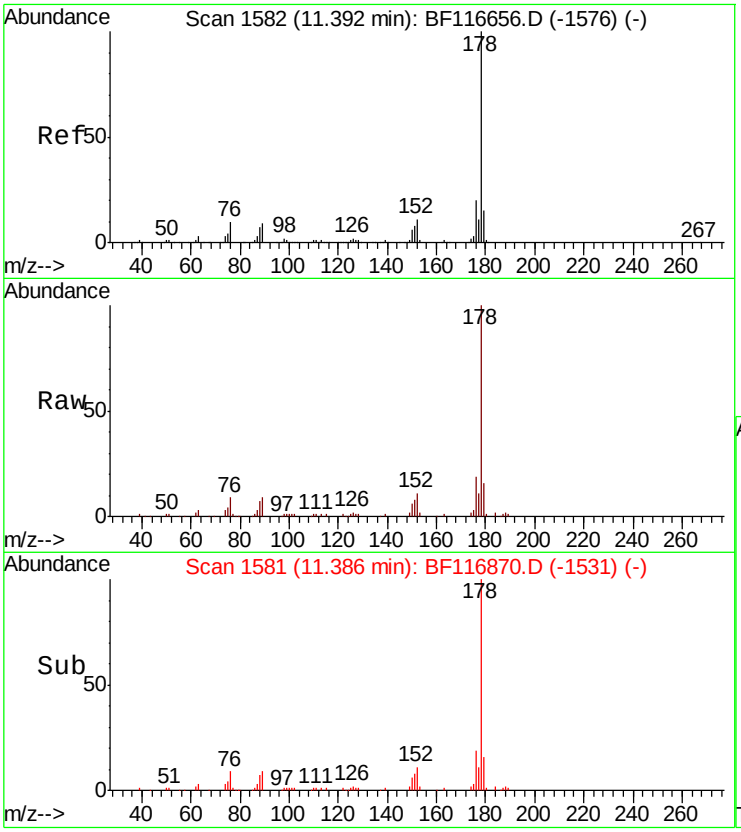


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:188 Resp: 185064

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.3	10.9
80	12.1	8.4	12.6

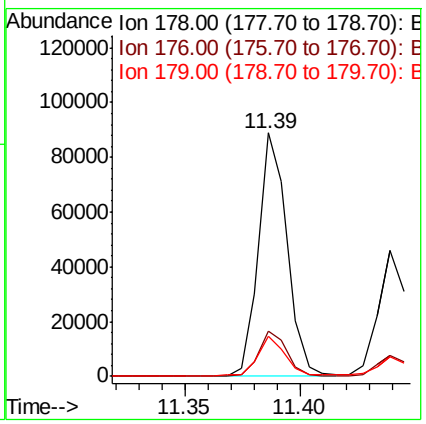




#71
Phenanthrene
Concen: 7.517 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:178 Resp: 77436

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	16.4	12.2	18.2



Instrument :
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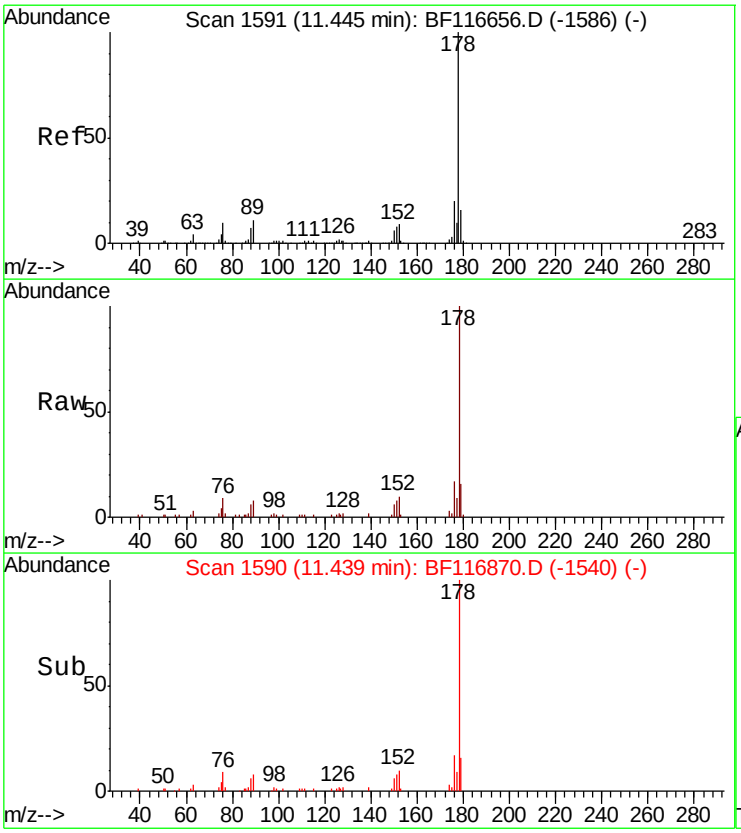
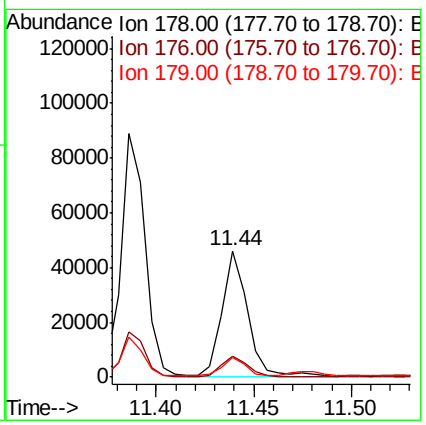
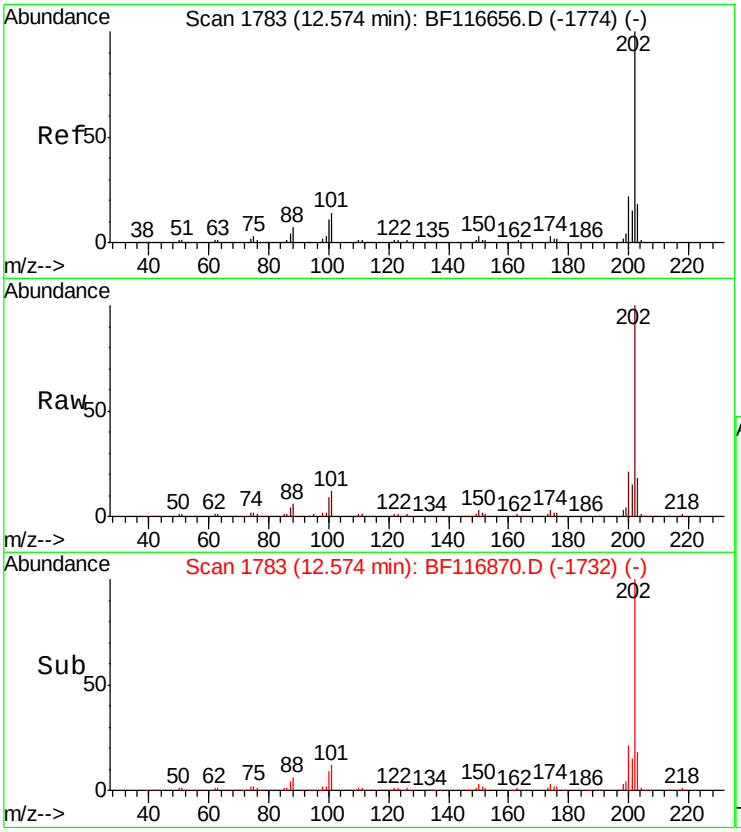


#72
Anthracene
Concen: 4.140 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:178 Resp: 42935

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.0
179	15.9	12.5	18.7

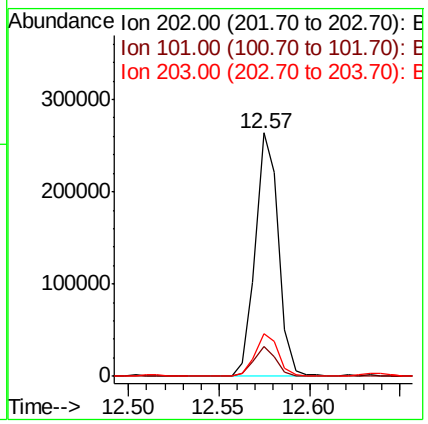




#75
Fluoranthene
Concen: 23.140 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:202 Resp: 234278

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	17.6	0.0	37.6



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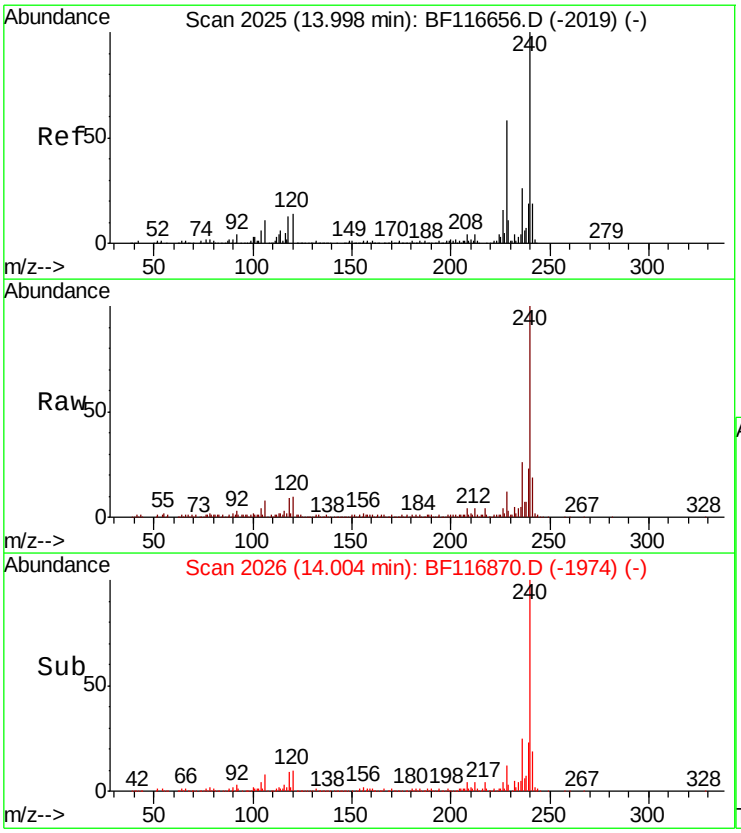
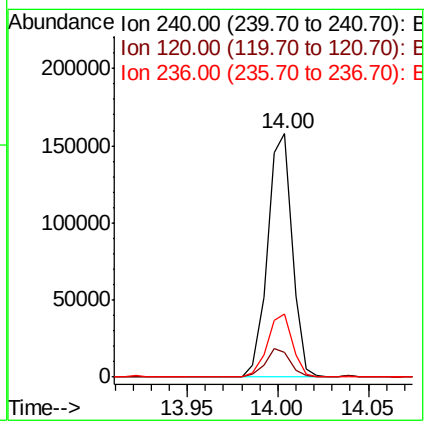
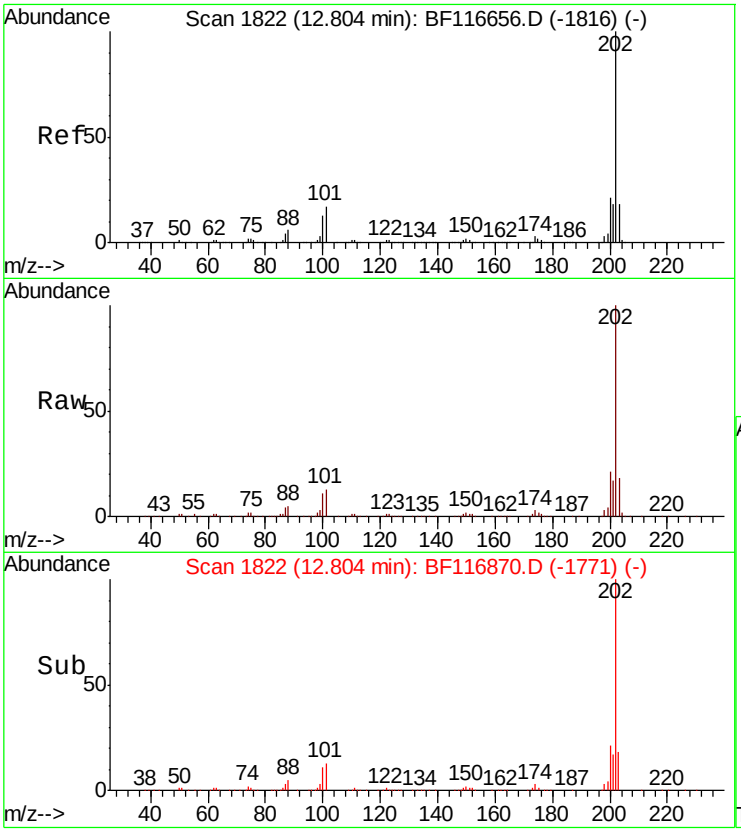


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:240 Resp: 149876

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.1	13.7
236	25.7	21.1	31.7

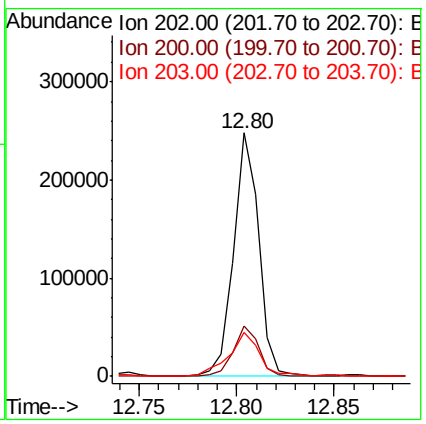




#78
Pyrene
Concen: 16.604 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:202 Resp: 221215

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	18.2	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
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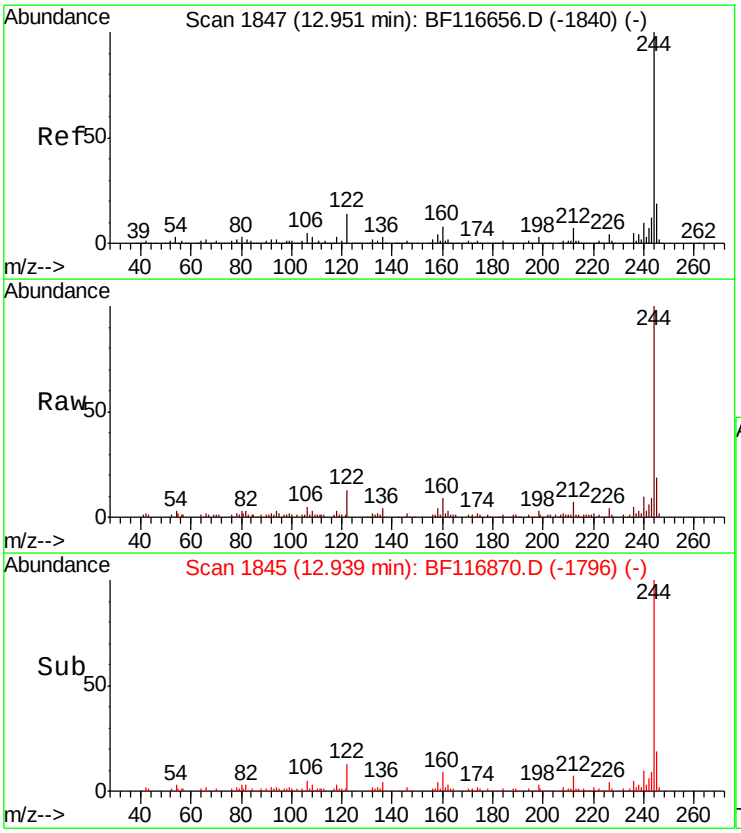
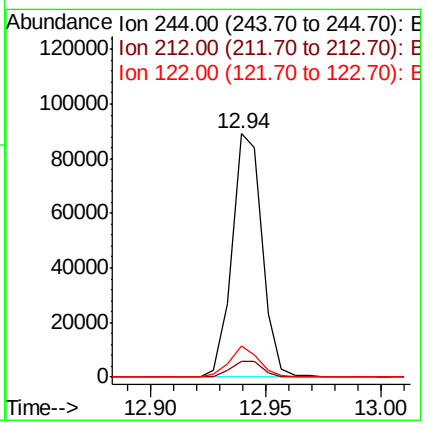
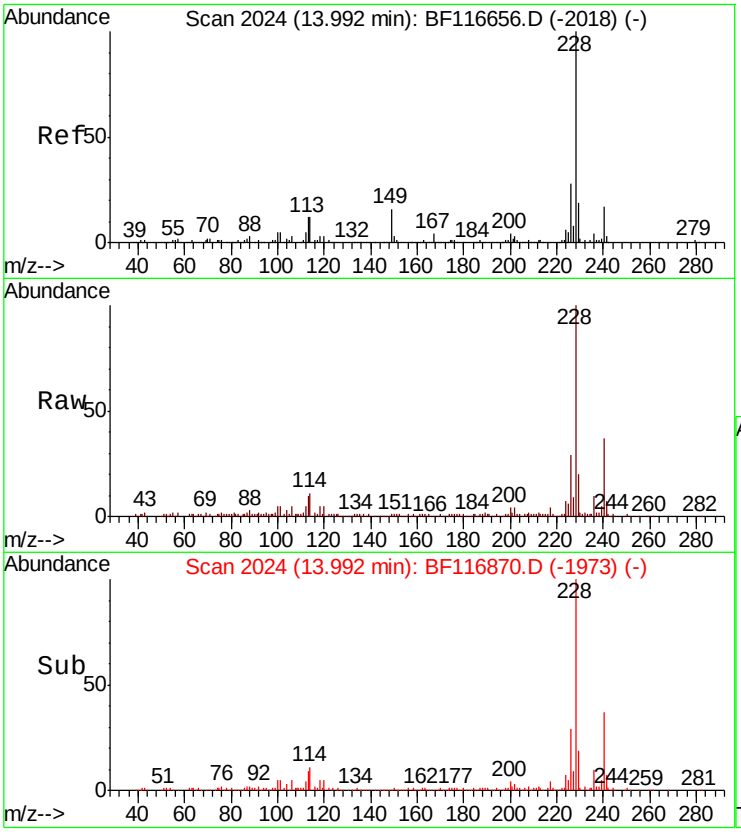


#79
Terphenyl-d14
Concen: 10.003 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:244 Resp: 81041

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	12.8	10.2	15.4

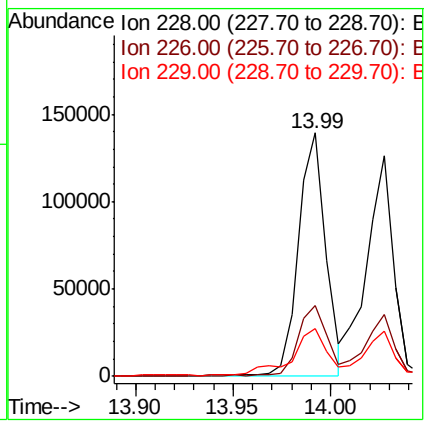




#81
Benzo(a)anthracene
Concen: 14.284 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:228 Resp: 135488

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.0	33.0
229	19.8	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
TR-05-090519

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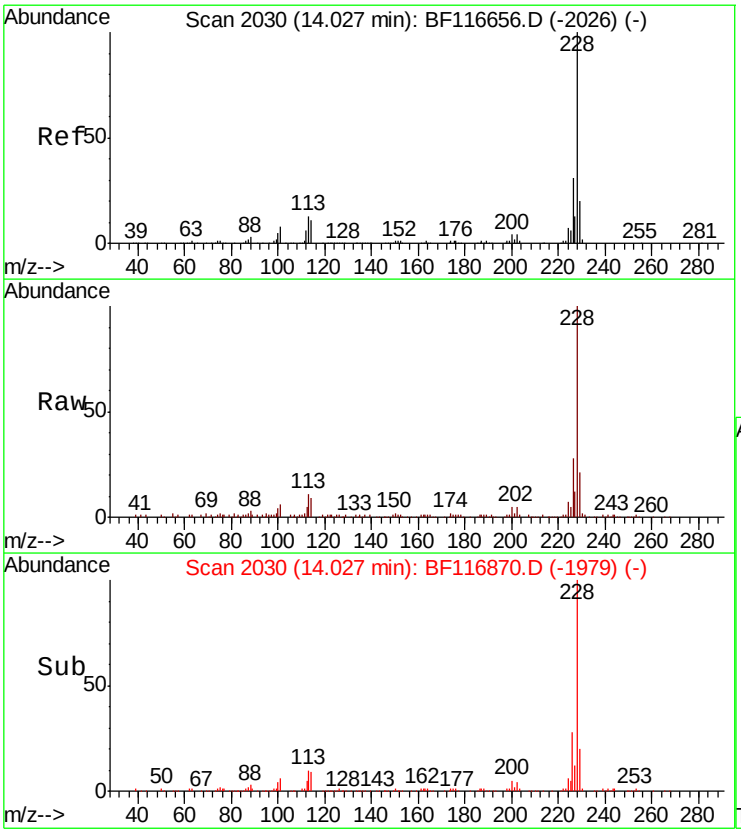
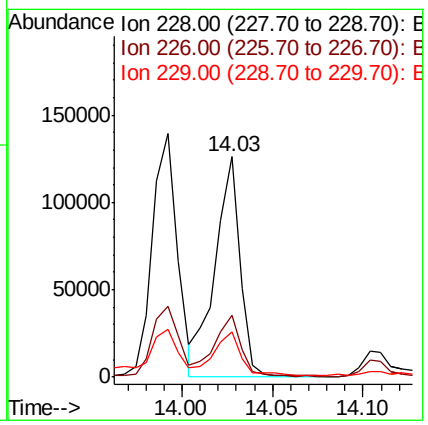
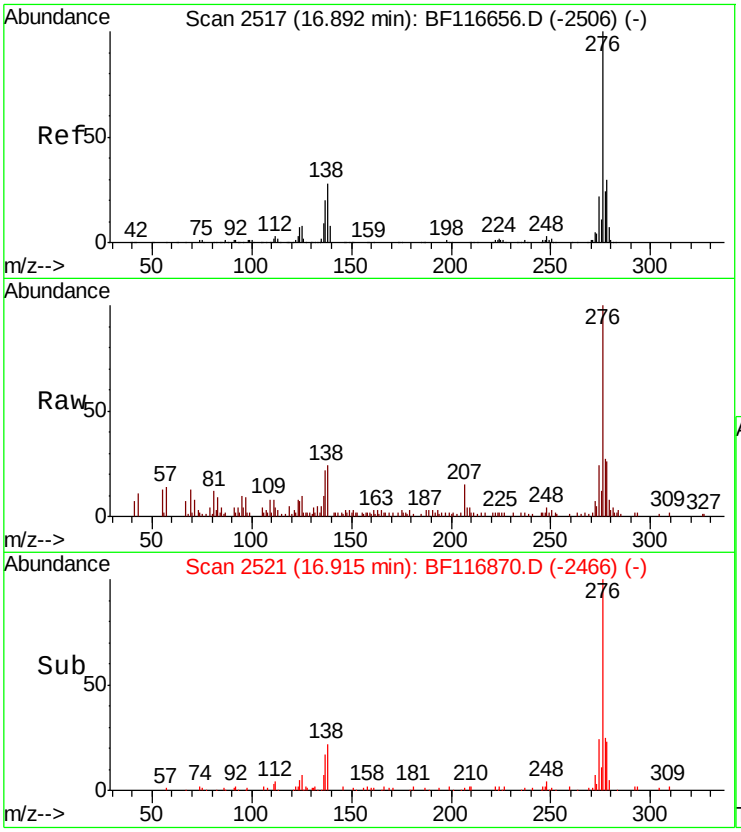


#83
Chrysene
Concen: 12.441 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:228 Resp: 121583

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	20.6	15.4	23.0

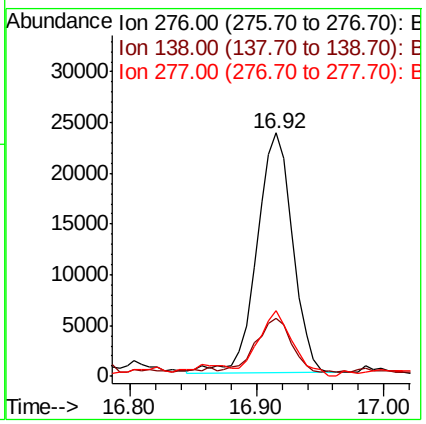




#86
Indeno(1,2,3-cd)pyrene
Concen: 5.916 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.02 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:276 Resp: 46435

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.4	29.2
277	26.5	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
TR-05-090519

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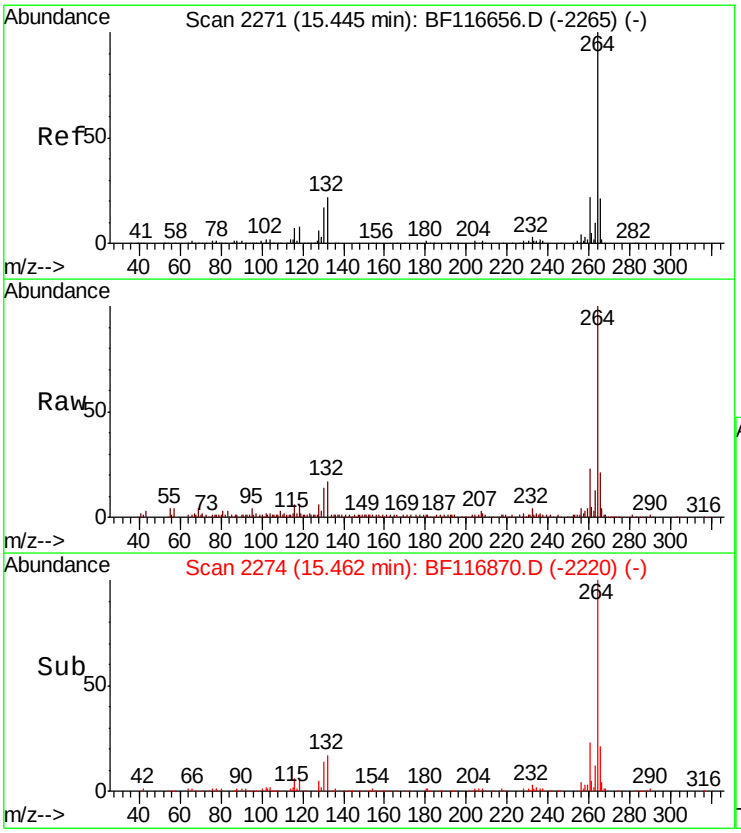
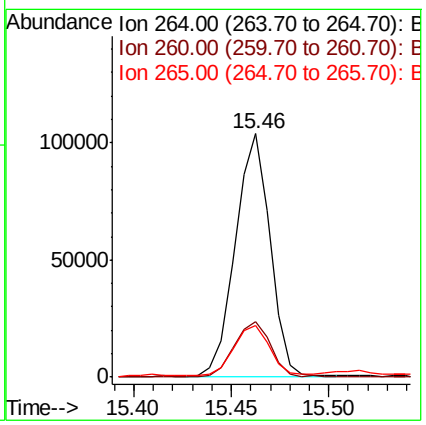
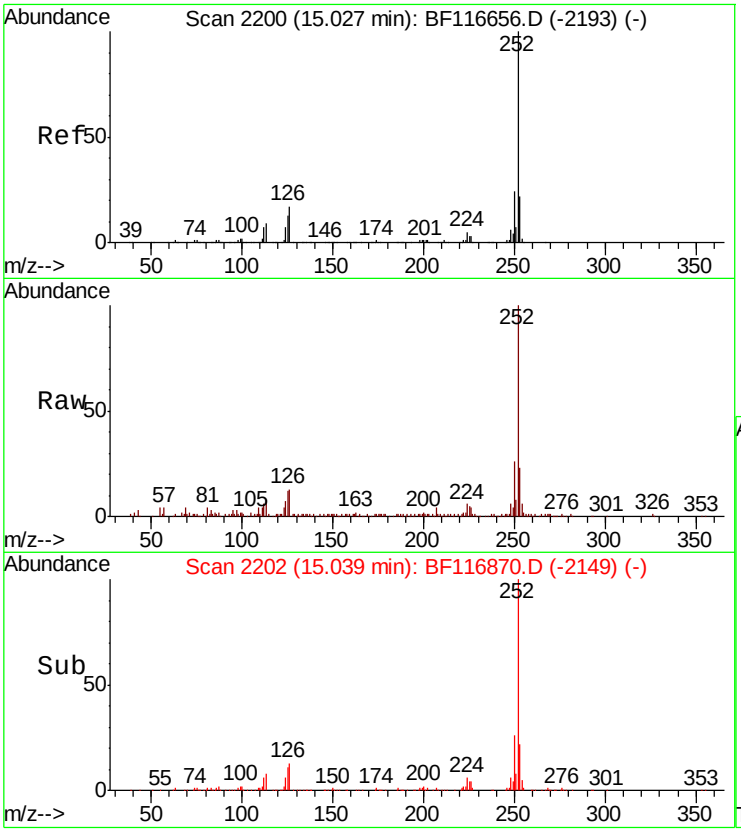


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:264 Resp: 126970

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.2	16.5	24.7





#88
Benzo(b)fluoranthene
Concen: 17.979 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:252 Resp: 138017

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	12.5	8.2	12.2#

Instrument :
BNA_F
ClientSampleId :
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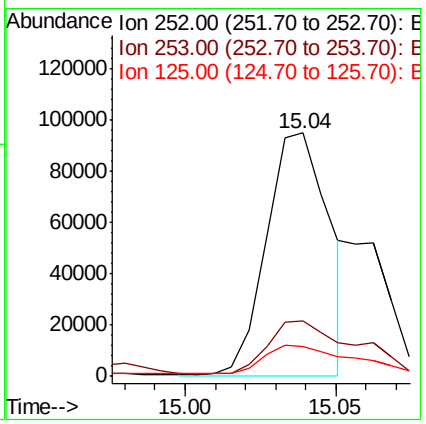
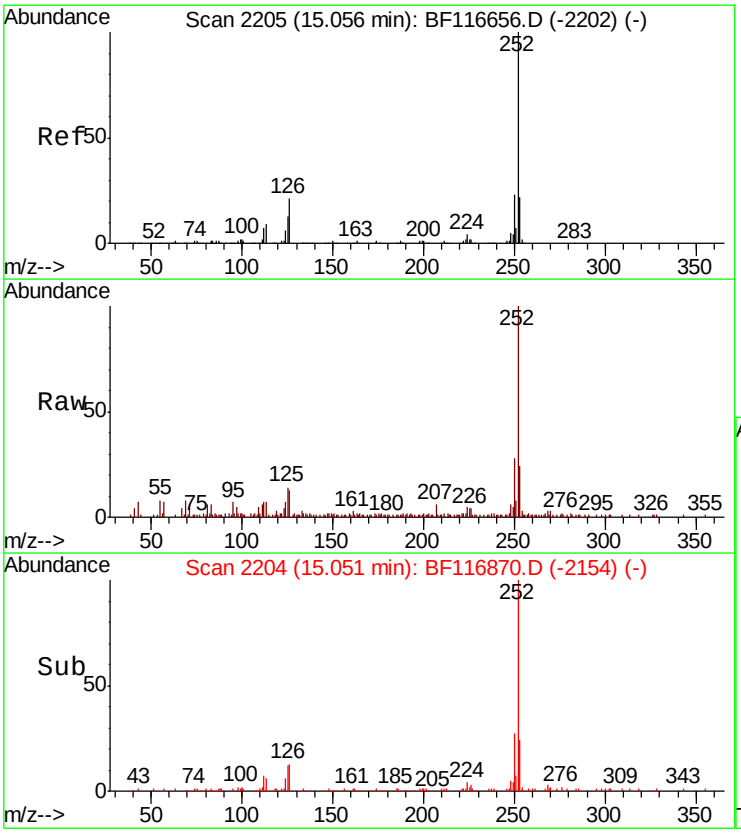
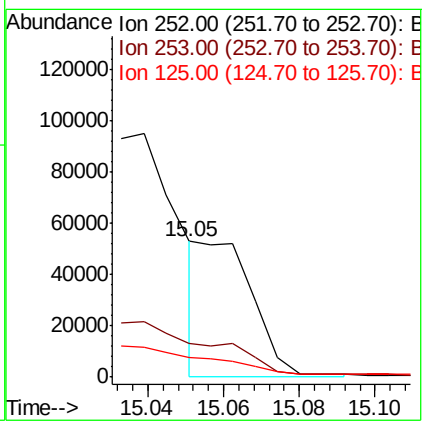


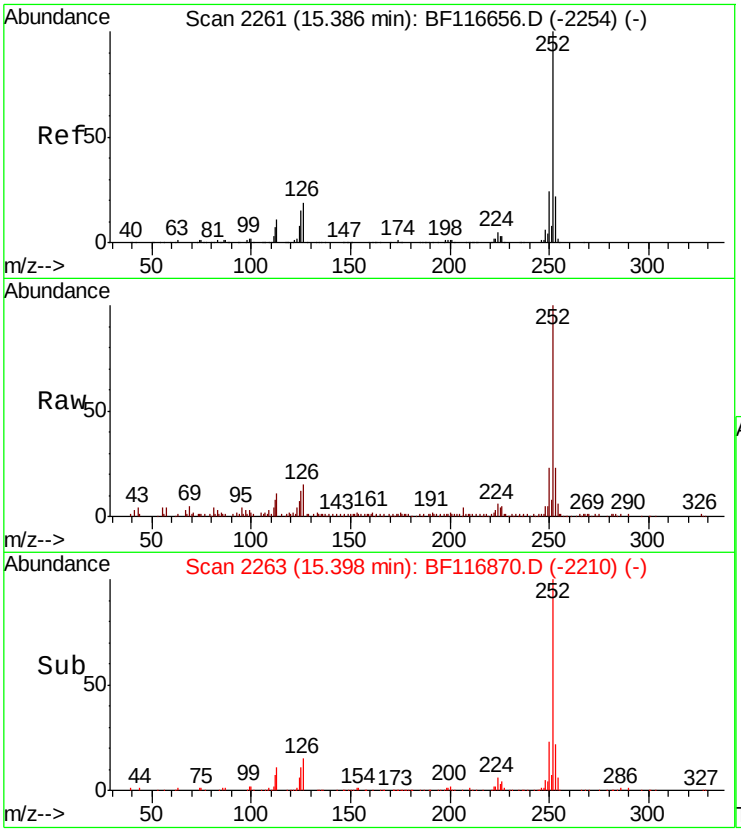


#89
Benzo(k)fluoranthene
Concen: 7.281 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:252 Resp: 50958

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	14.0	8.6	13.0#





#90
Benzo(a)pyrene
Concen: 13.920 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:252 Resp: 92965

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.9	9.8	14.8

Instrument :
BNA_F
ClientSampleId :
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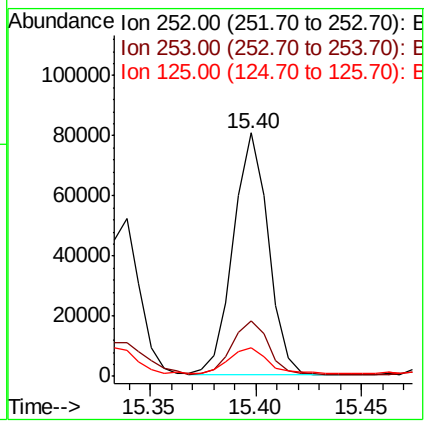
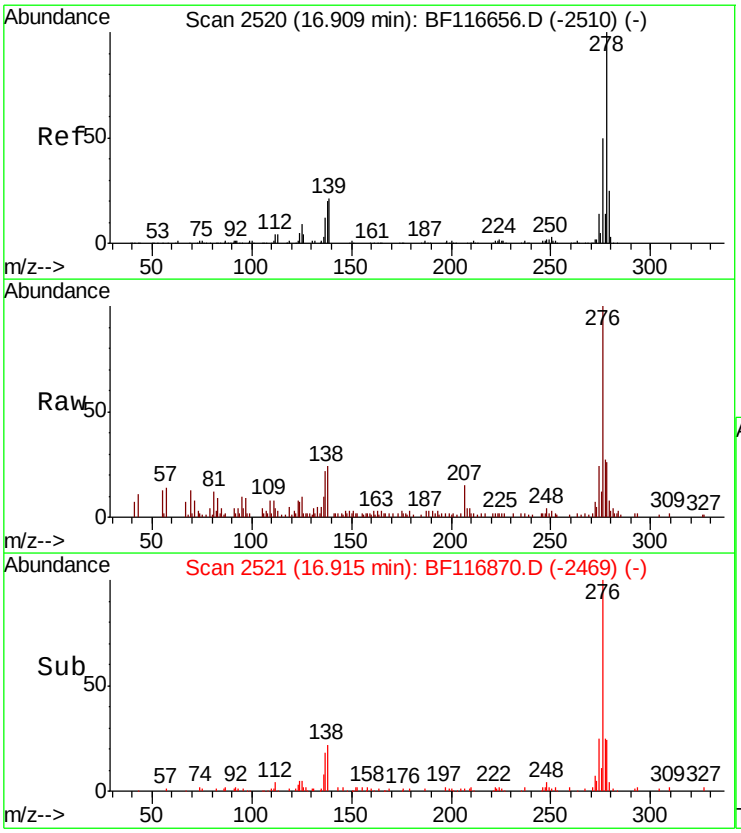
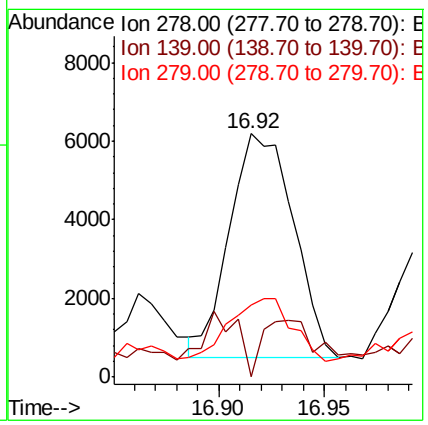


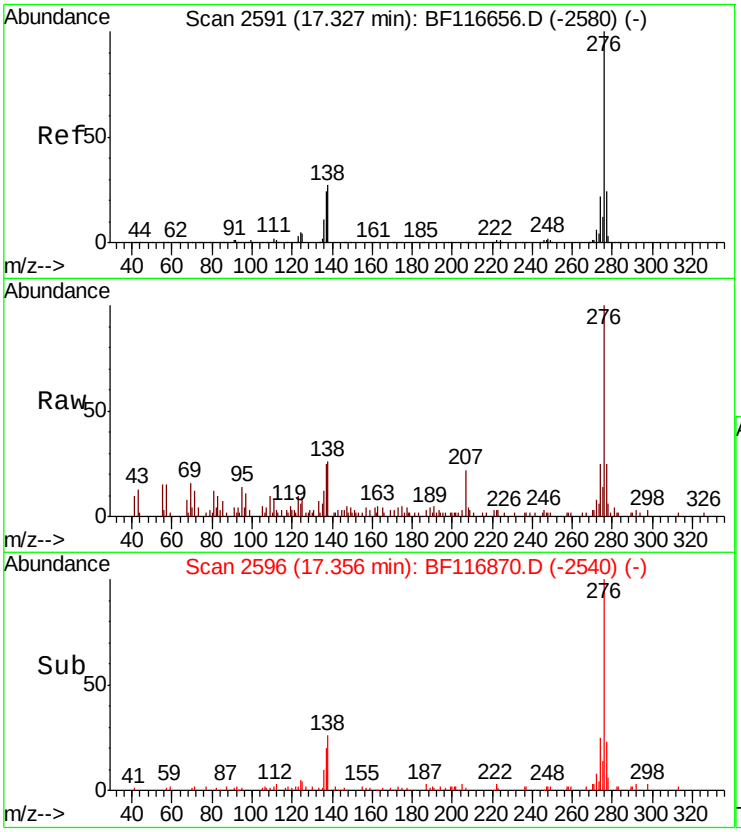


#91
Dibenzo(a,h)anthracene
Concen: 2.043 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:278 Resp: 11942

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	29.9	18.2	27.4#

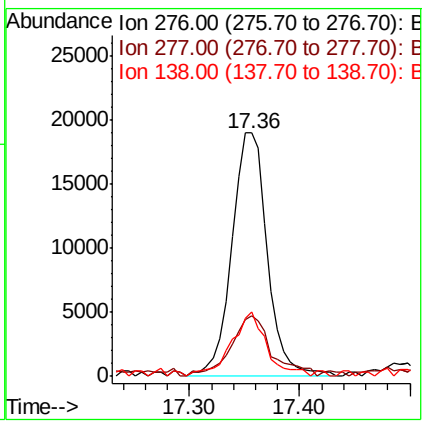




#92
Benzo(g,h,i)perylene
Concen: 7.234 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.03 min
Lab File: BF116870.D
Acq: 6 Sep 2019 20:02

Tgt Ion:276 Resp: 43130

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.5	27.7
138	26.3	16.2	24.2#



Instrument :
BNA_F
ClientSampleId :
TR-05-090519

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