Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117470.D
Acq On : 22 Oct 2019 1:35
Operator : JU
Sample : K5147-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 22 04:30:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : OK-02-101819

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	46152	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	185367	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	92432	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	123762	20.00	ng		0.00
76) Chrysene-d12	13.89	240	85402	20.00	ng		0.00
87) Perylene-d12	15.33	264	82541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	124192	40.03	ng		0.00
7) Phenol-d6	6.37	99	174903	41.98	ng		0.00
23) Nitrobenzene-d5	7.29	82	108636	28.93	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	29066	36.34	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	197863	30.16	ng		0.00
79) Terphenyl-d14	12.83	244	132507	25.31	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	9.63	152	17081	2.016	ng		97
50) Dimethylphthalate	9.48	163	21268	3.228	ng	#	98
58) Fluorene	10.31	166	20432	3.280	ng		98
71) Phenanthrene	11.27	178	161247	22.438	ng		99
72) Anthracene	11.33	178	51256	6.951	ng		98
75) Fluoranthene	12.46	202	197263	27.420	ng		97
78) Pyrene	12.69	202	189486	25.831	ng		99
81) Benzo(a)anthracene	13.88	228	85185	14.787	ng		98
83) Chrysene	13.92	228	75691	13.407	ng		98
86) Indeno(1,2,3-cd)pyrene	16.74	276	25302	6.003	ng		95
88) Benzo(b)fluoranthene	14.92	252	76859m	15.769	ng		
89) Benzo(k)fluoranthene	14.94	252	31155m	6.236	ng		
90) Benzo(a)pyrene	15.27	252	62117	14.017	ng		97
92) Benzo(g,h,i)perylene	17.16	276	27040	7.458	ng	#	84

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

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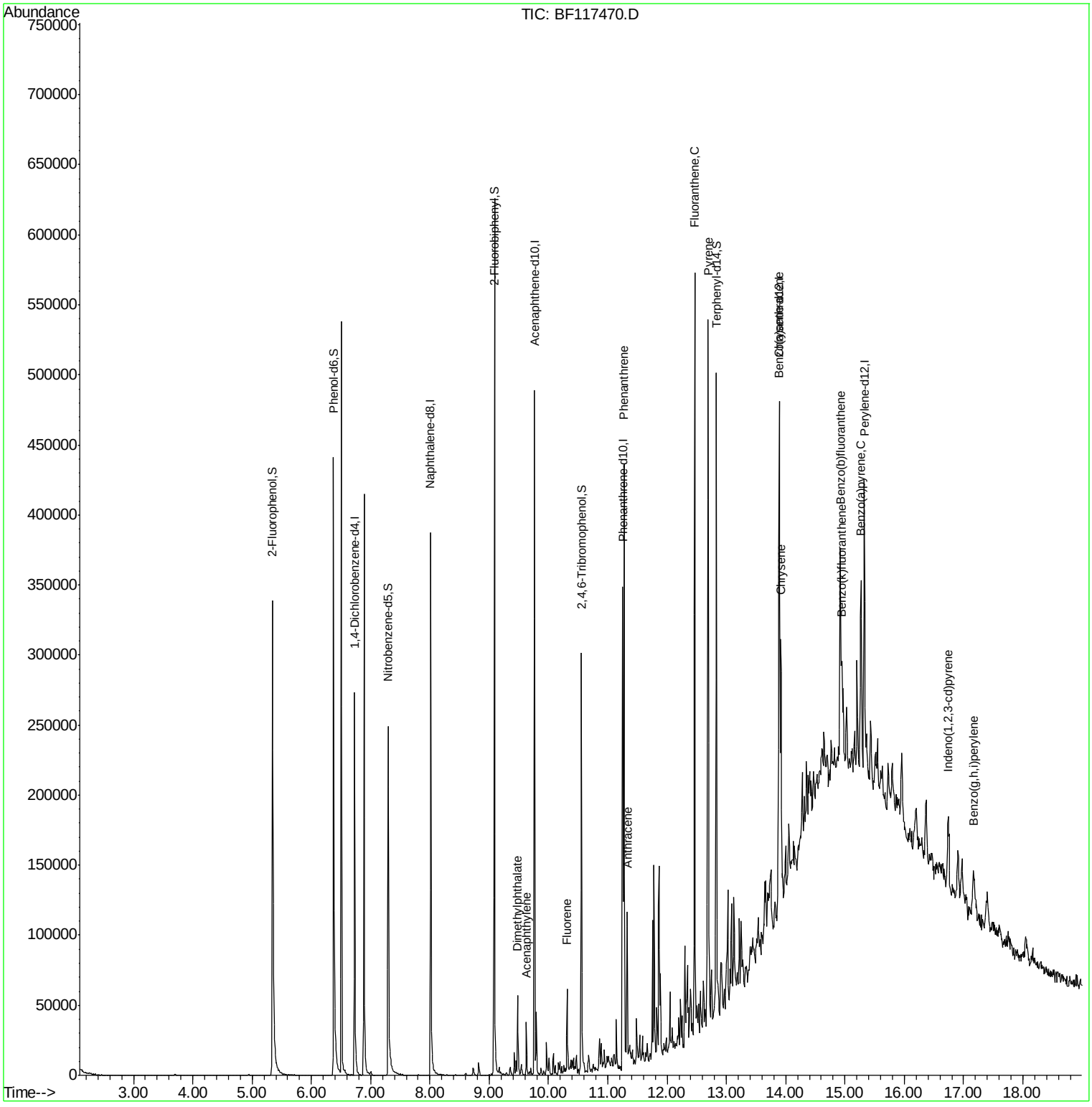
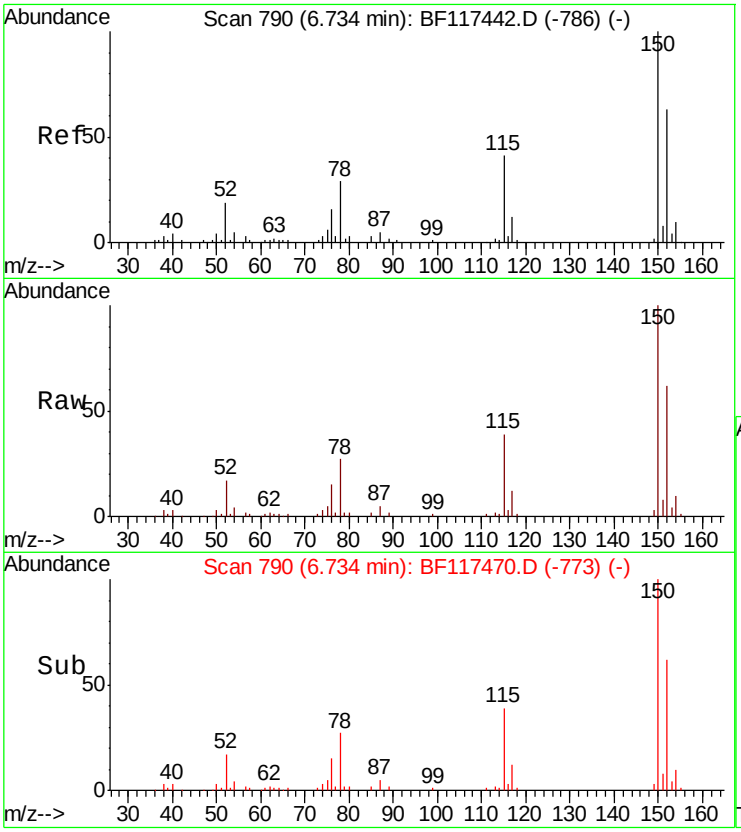
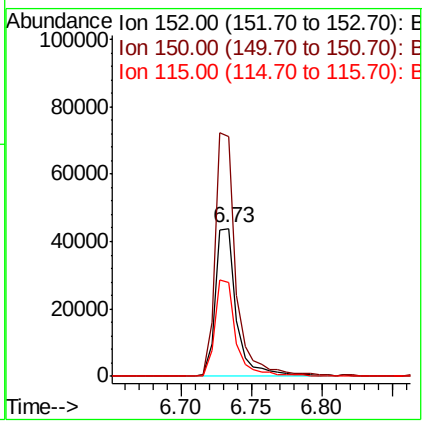




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:152 Resp: 46152

Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.8	190.2
115	63.7	51.6	77.4



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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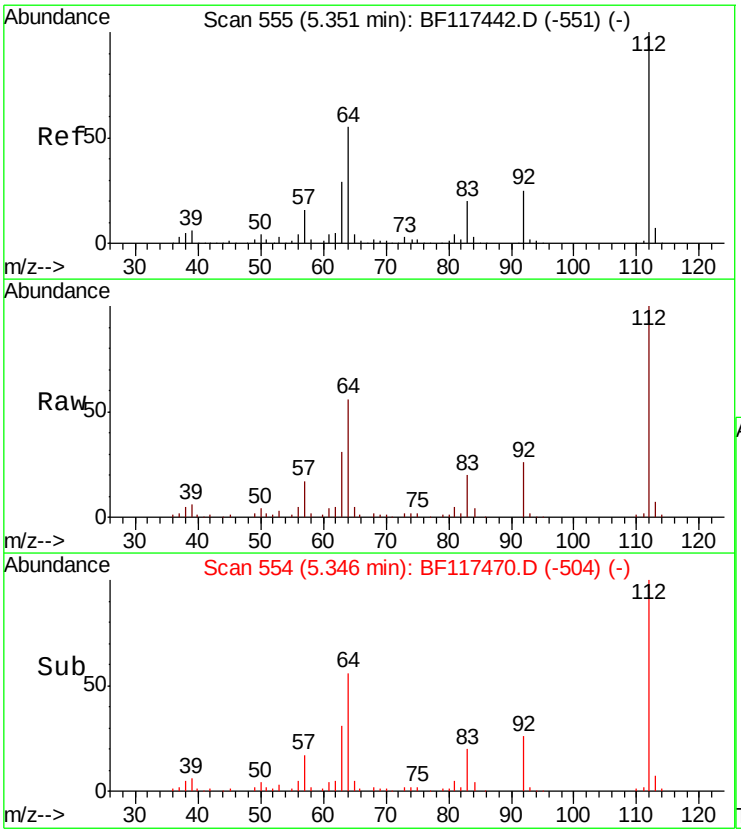
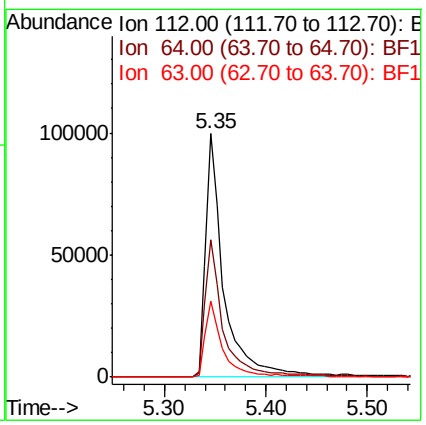
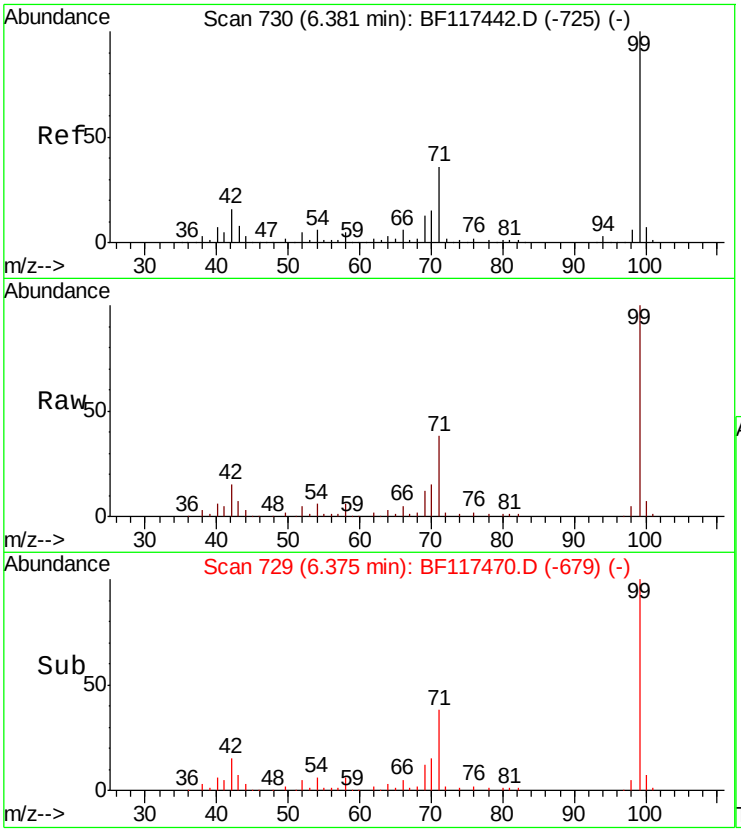


#5
2-Fluorophenol
Concen: 40.033 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:112 Resp: 124192

Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.1	66.1
63	31.2	23.4	35.2

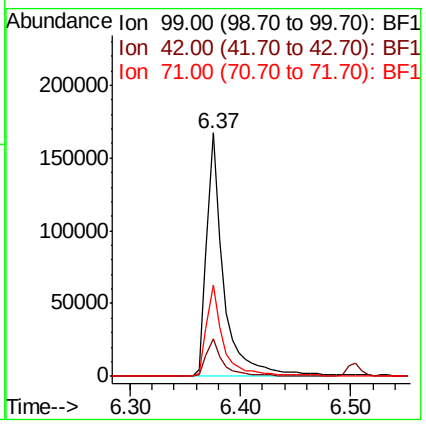




#7
Phenol-d6
Concen: 41.977 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion: 99 Resp: 174903

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	37.6	28.6	43.0



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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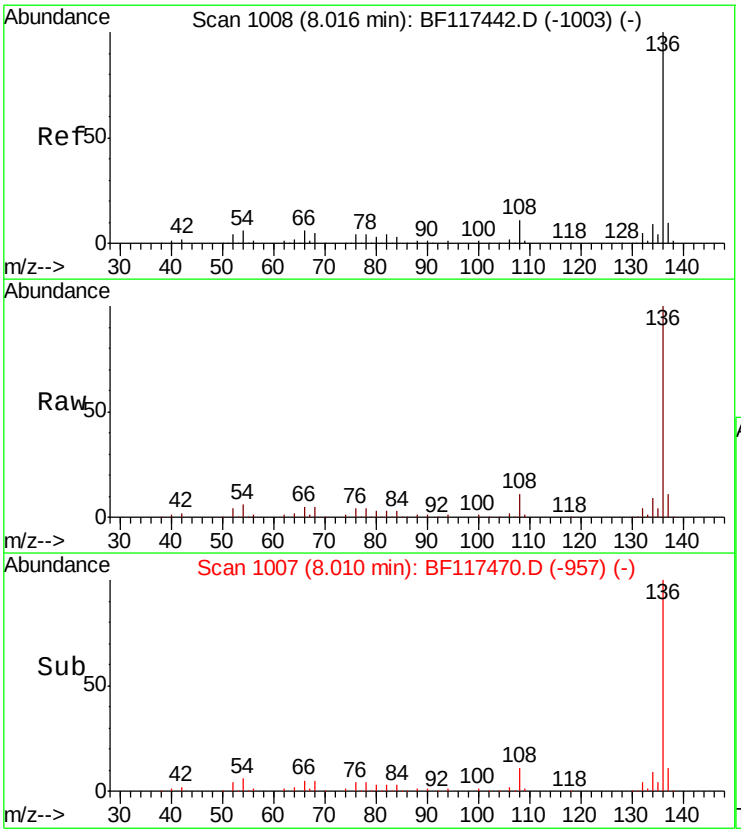
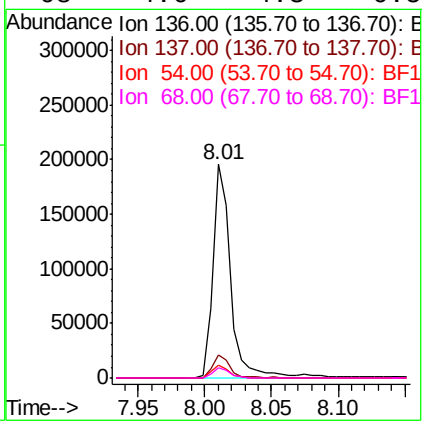
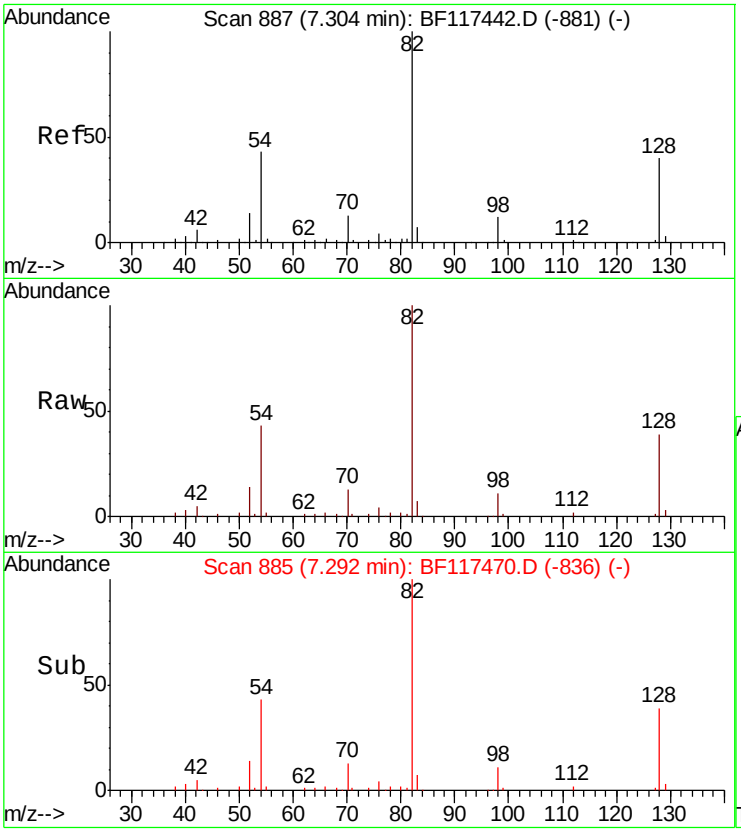


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:136 Resp: 185367

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	6.2	4.5	6.7
68	4.6	4.3	6.5

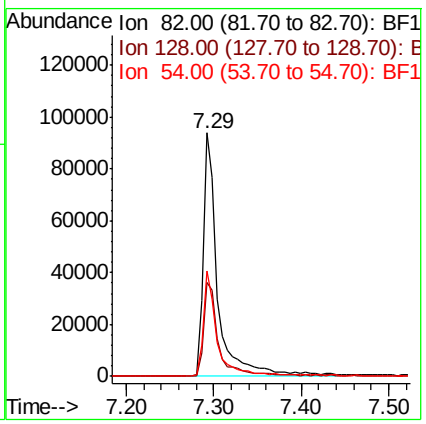




#23
Nitrobenzene-d5
Concen: 28.932 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion: 82 Resp: 108636

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.2	48.2
54	43.1	34.2	51.2



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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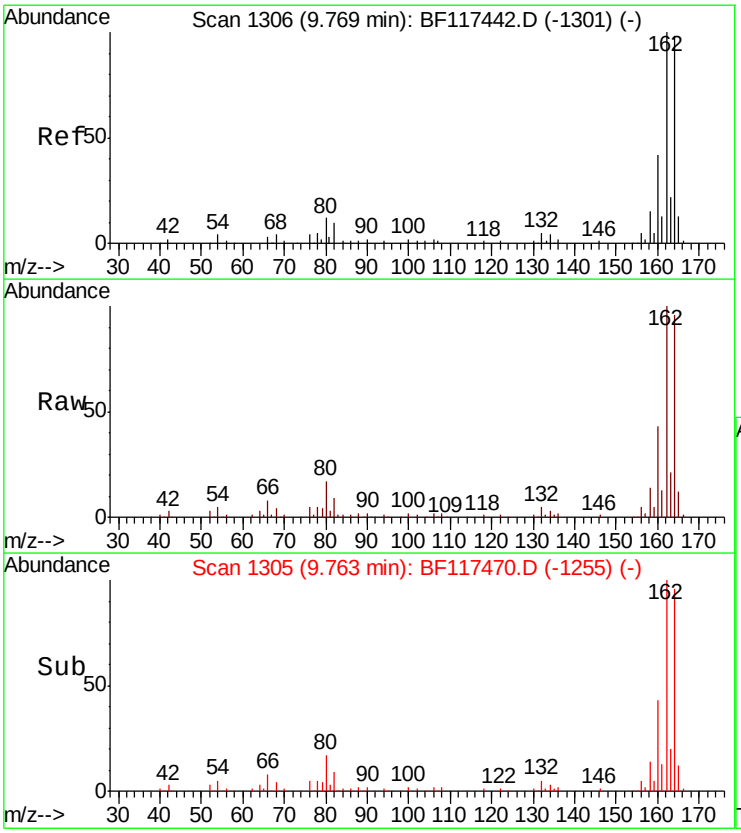
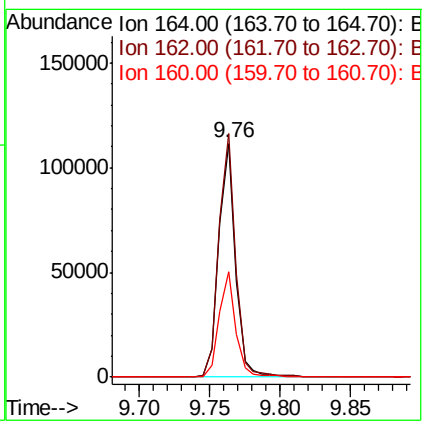
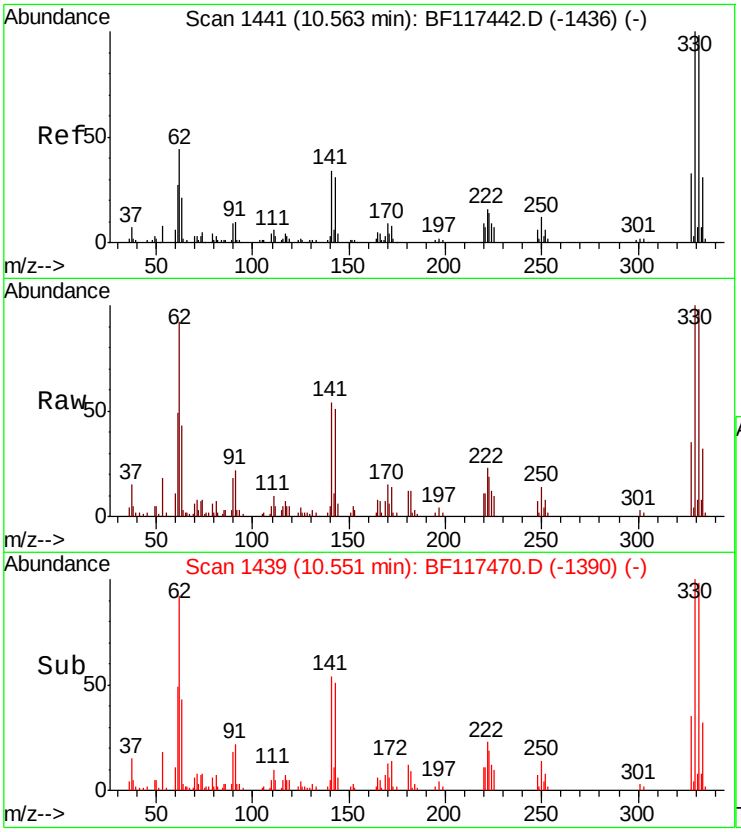


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:164 Resp: 92432

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.8	122.6
160	45.0	34.4	51.6

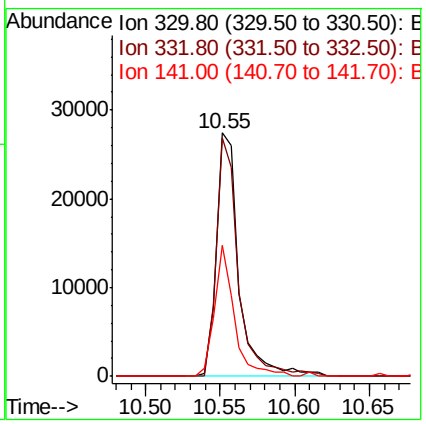




#42
2,4,6-Tribromophenol
Concen: 36.343 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:330 Resp: 29066

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.5	117.7
141	46.7	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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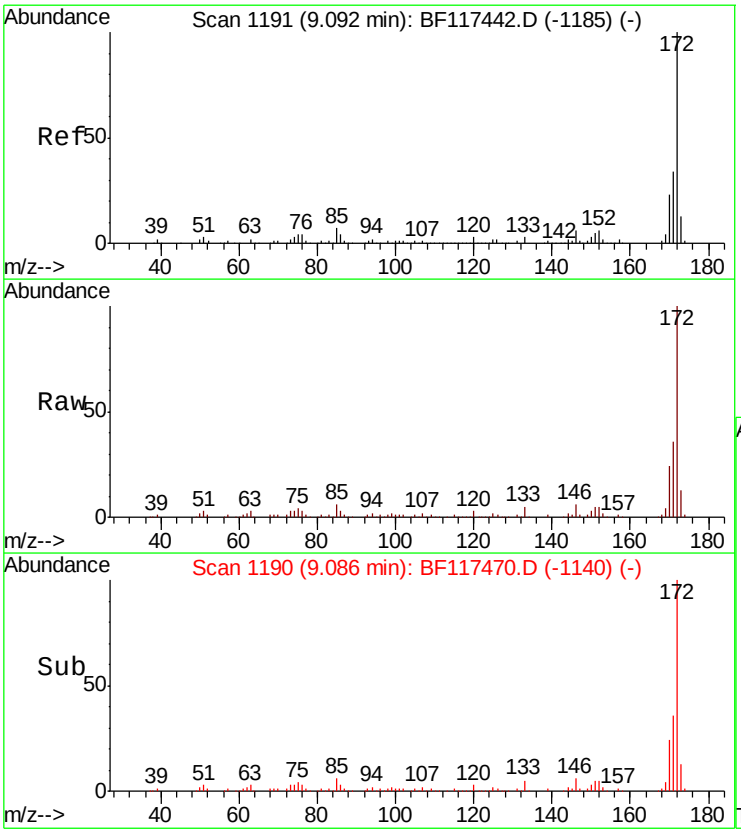
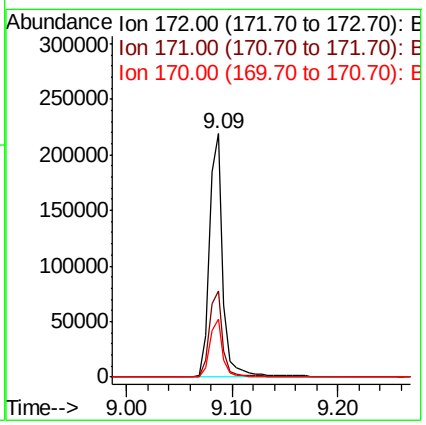
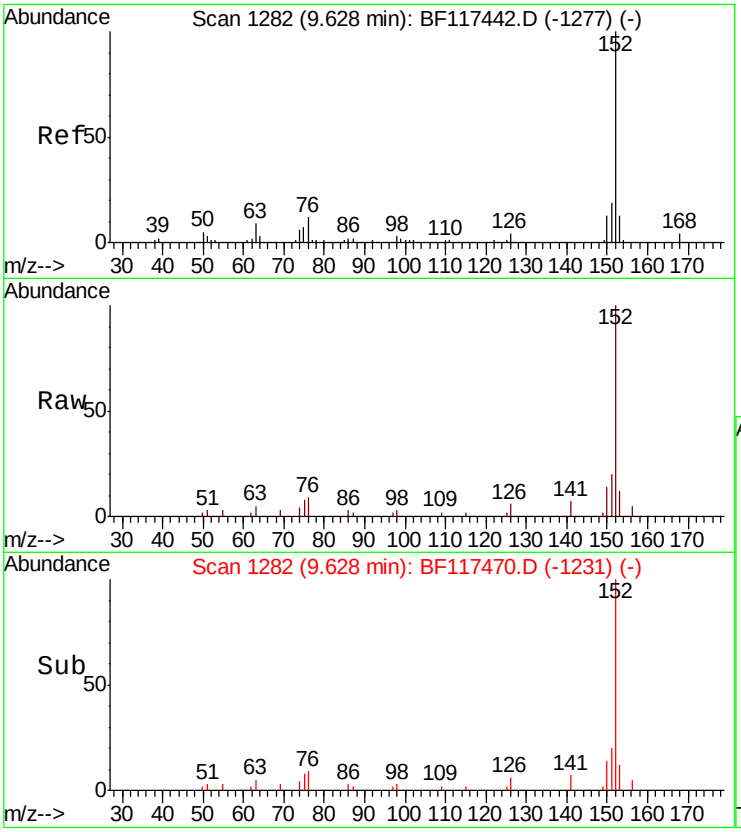


#45
2-Fluorobiphenyl
Concen: 30.161 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:172 Resp: 197863

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.5	41.3
170	23.6	18.6	27.8

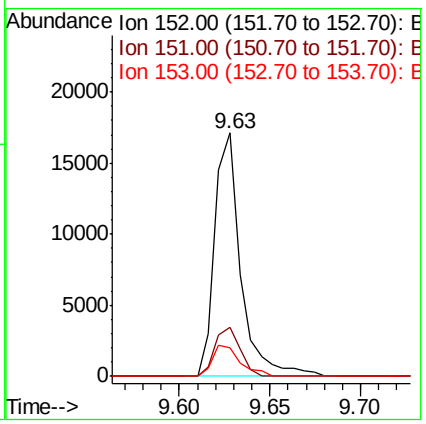




#49
Acenaphthylene
Concen: 2.016 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:152 Resp: 17081

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.0
153	11.6	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
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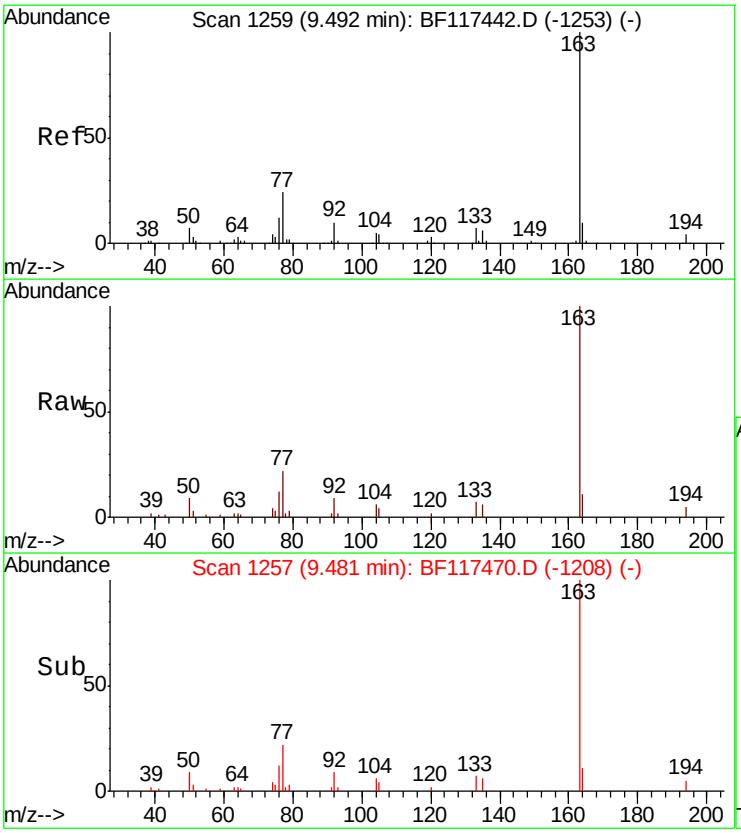
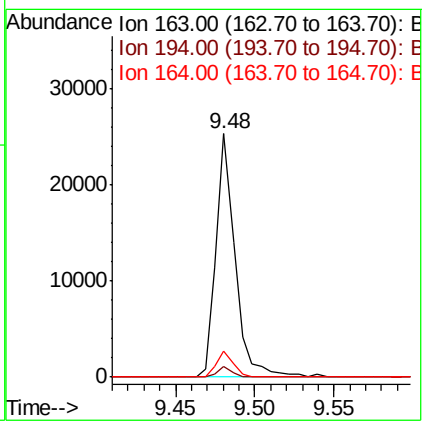
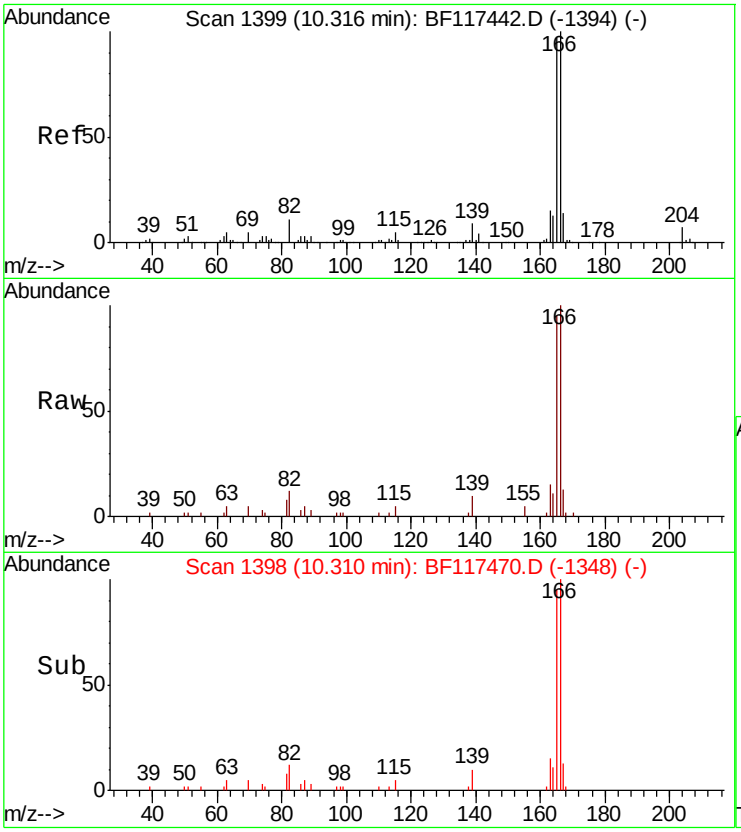


#50
Dimethylphthalate
Concen: 3.228 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:163 Resp: 21268

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.9	4.3#
164	10.9	8.2	12.2

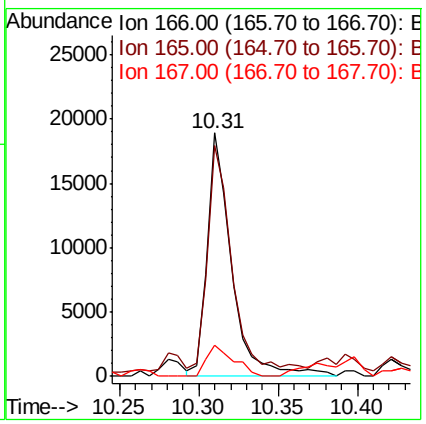




#58
Fluorene
Concen: 3.280 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:166 Resp: 20432

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.6	116.4
167	12.8	11.0	16.4



Instrument :
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ClientSampleId :
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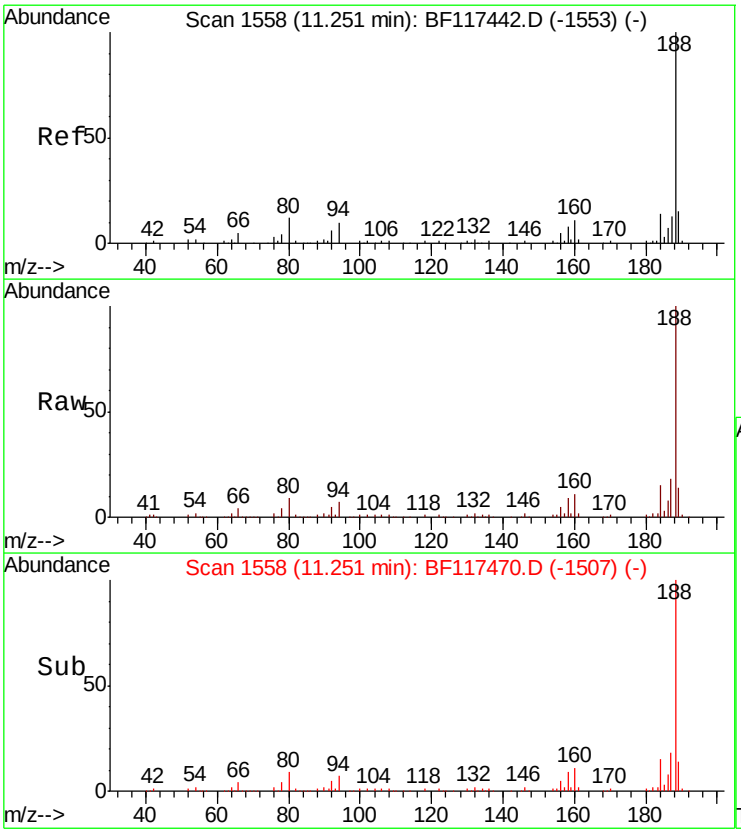
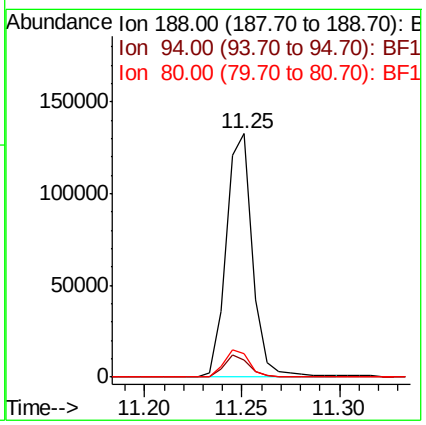
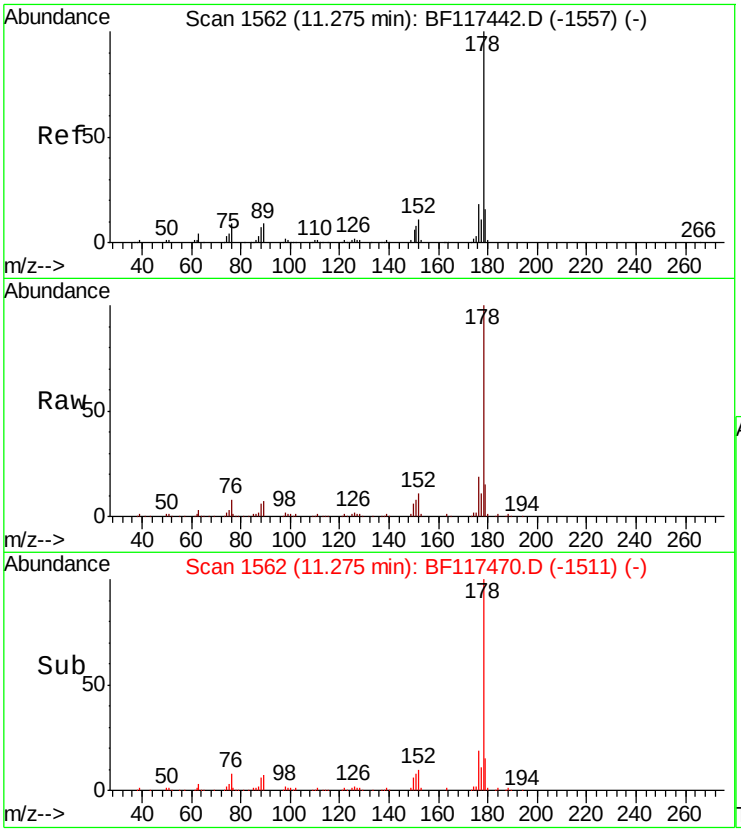


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:188 Resp: 123762

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.0	12.0#
80	9.4	9.5	14.3#

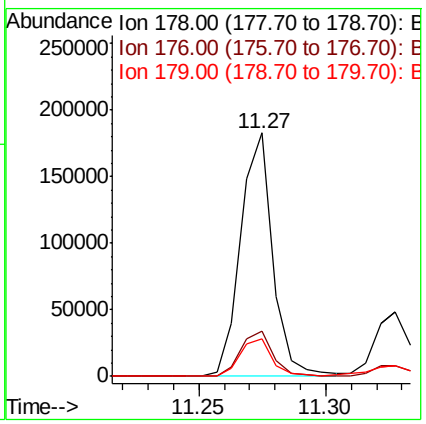




#71
Phenanthrene
Concen: 22.438 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:178 Resp: 161247

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.4	12.6	19.0



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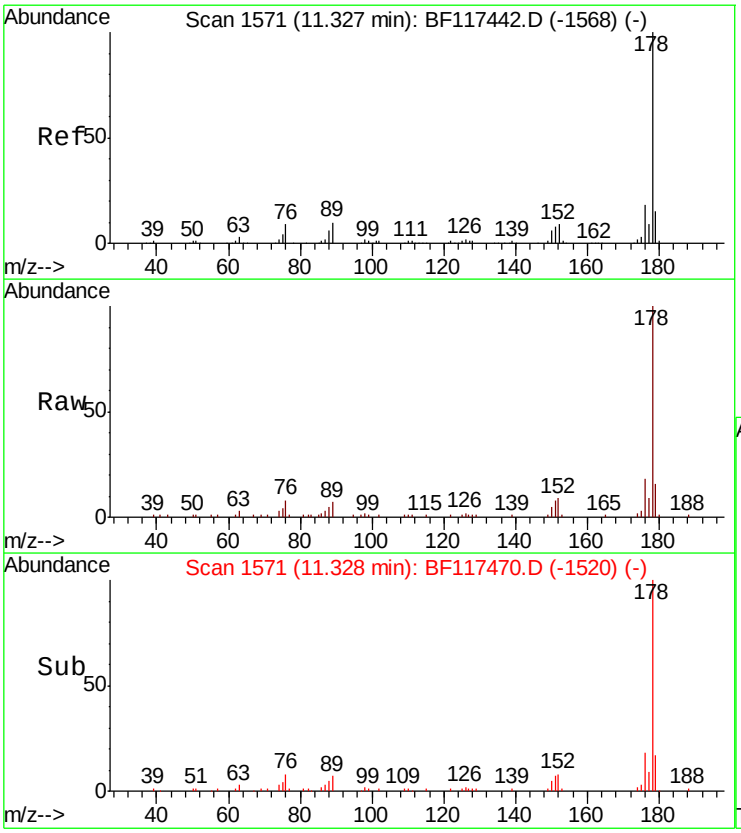
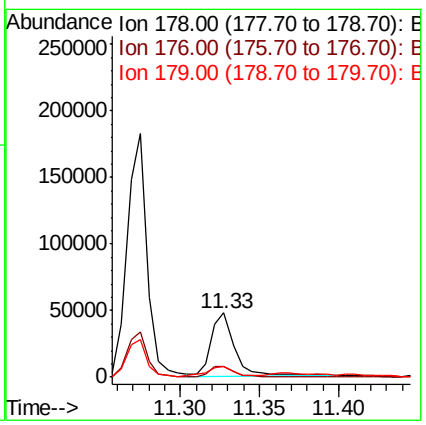
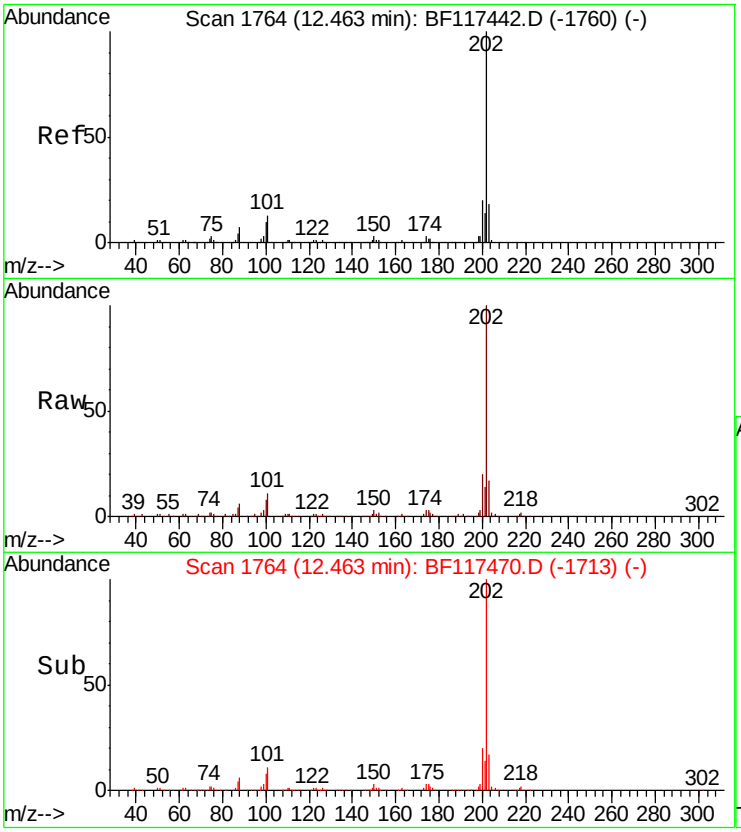


#72
Anthracene
Concen: 6.951 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:178 Resp: 51256

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.7	22.1
179	16.4	12.2	18.2

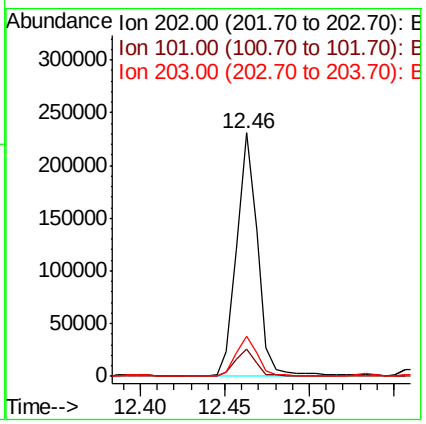




#75
Fluoranthene
Concen: 27.420 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:202 Resp: 197263

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.7
203	16.5	0.0	37.6



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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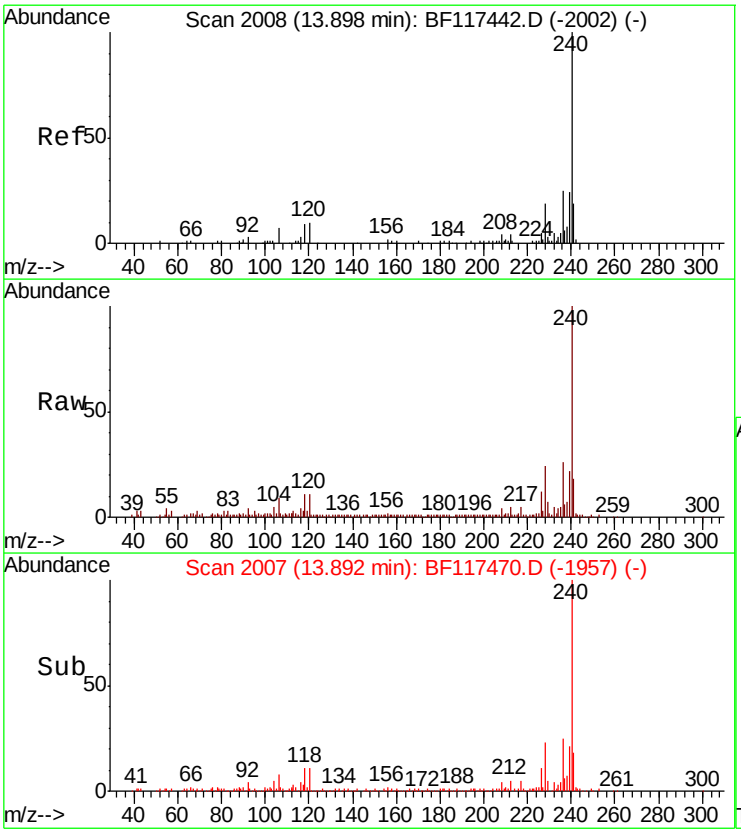
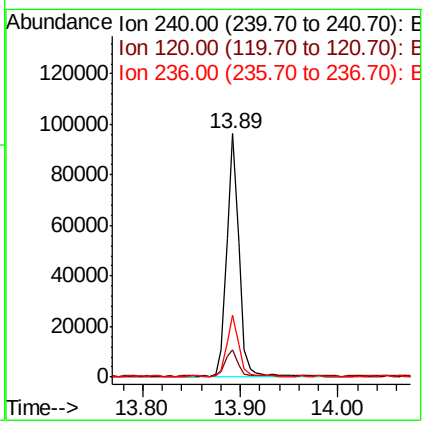
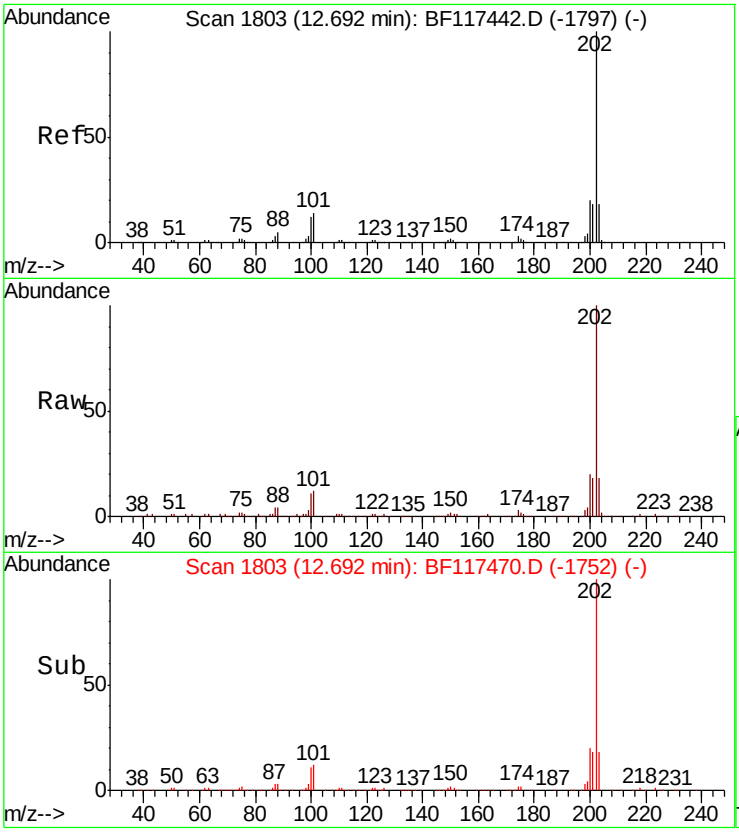


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:240 Resp: 85402

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	25.6	20.0	30.0

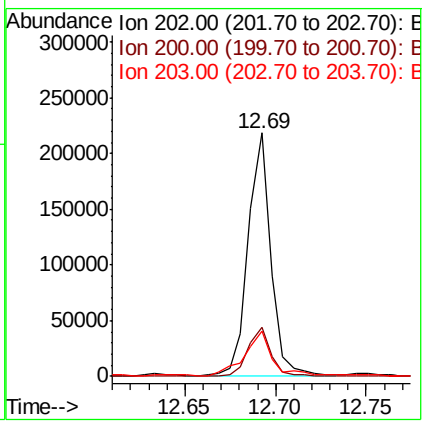




#78
Pyrene
Concen: 25.831 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:202 Resp: 189486

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.4	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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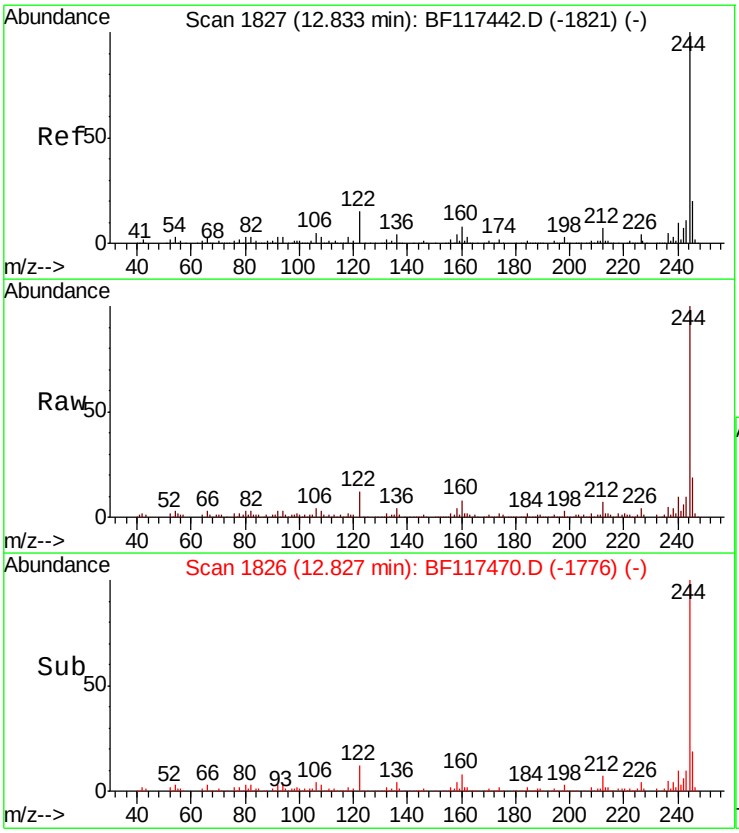
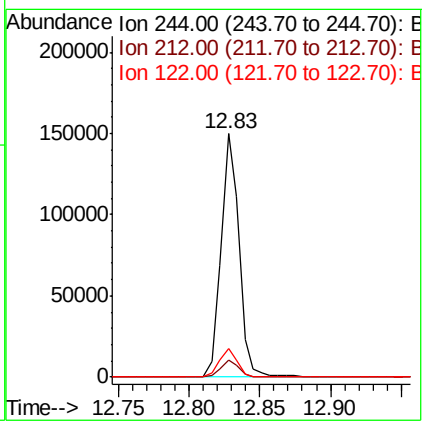
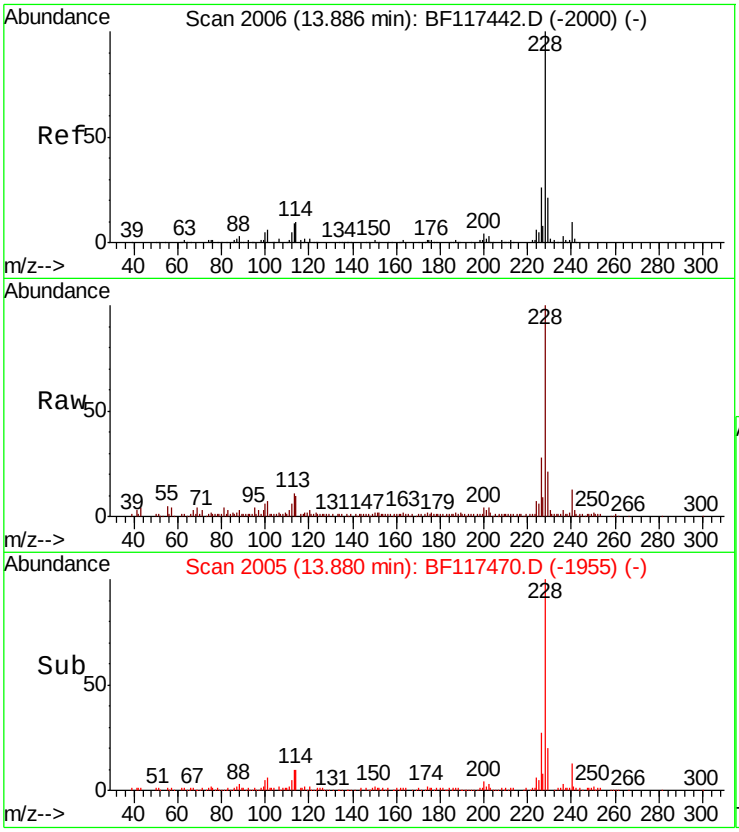


#79
Terphenyl-d14
Concen: 25.308 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:244 Resp: 132507

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	11.9	11.8	17.8

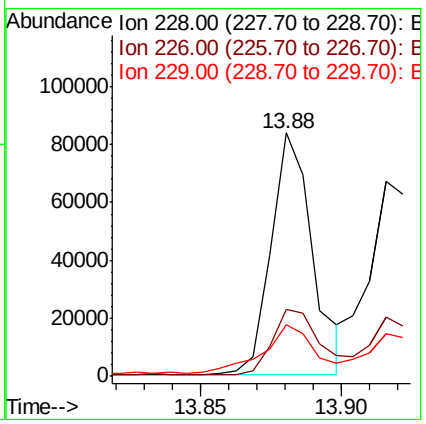




#81
Benzo(a)anthracene
Concen: 14.787 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:228 Resp: 85185

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	21.0	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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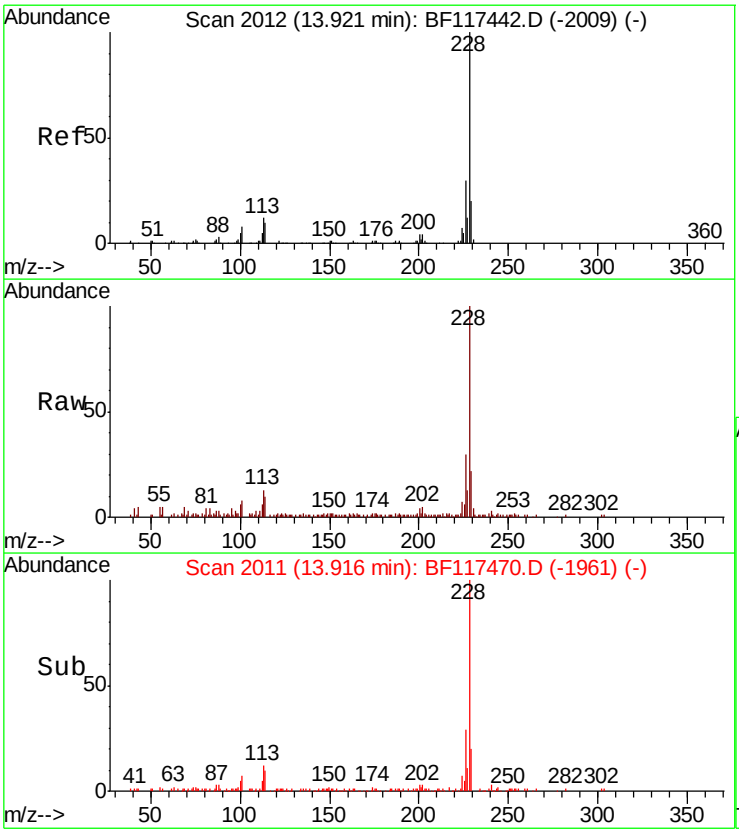
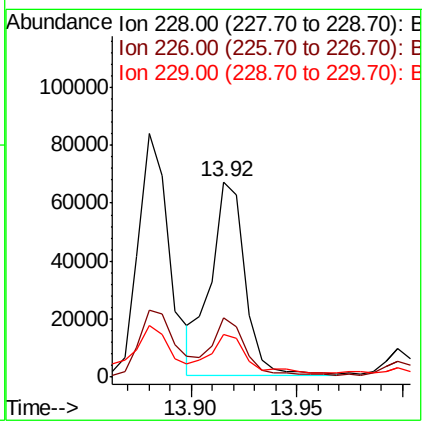
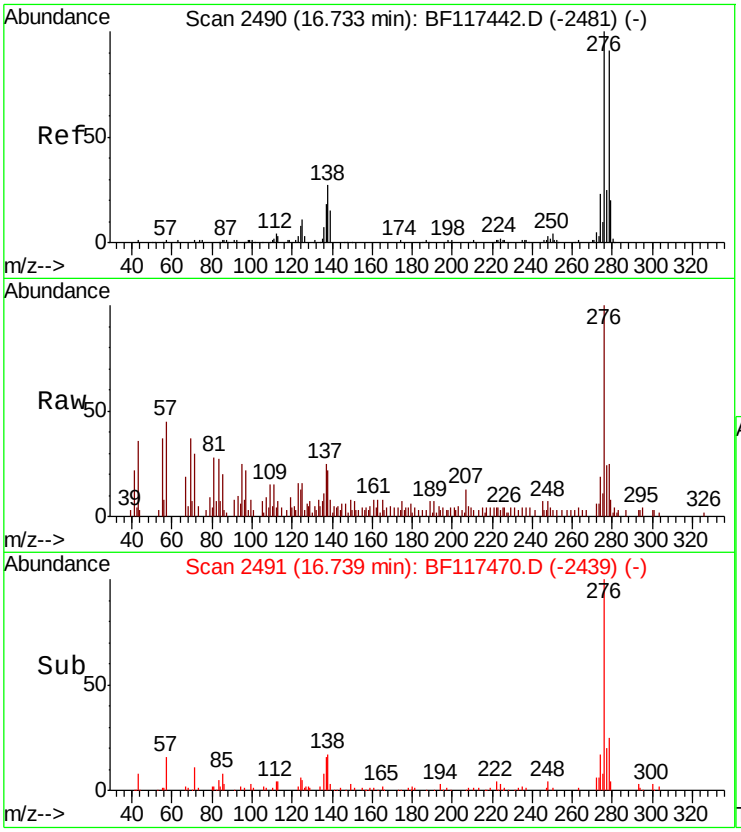


#83
Chrysene
Concen: 13.407 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:228 Resp: 75691

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	21.7	15.8	23.6

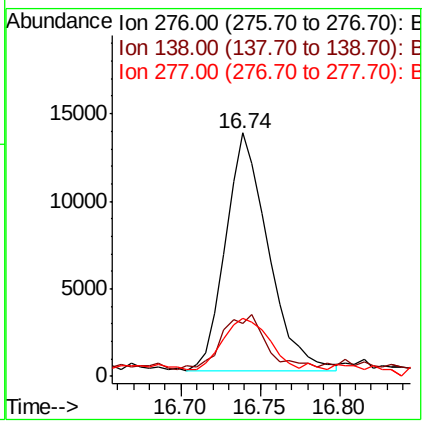




#86
Indeno(1,2,3-cd)pyrene
Concen: 6.003 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:276 Resp: 25302

Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.8	32.8
277	23.6	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
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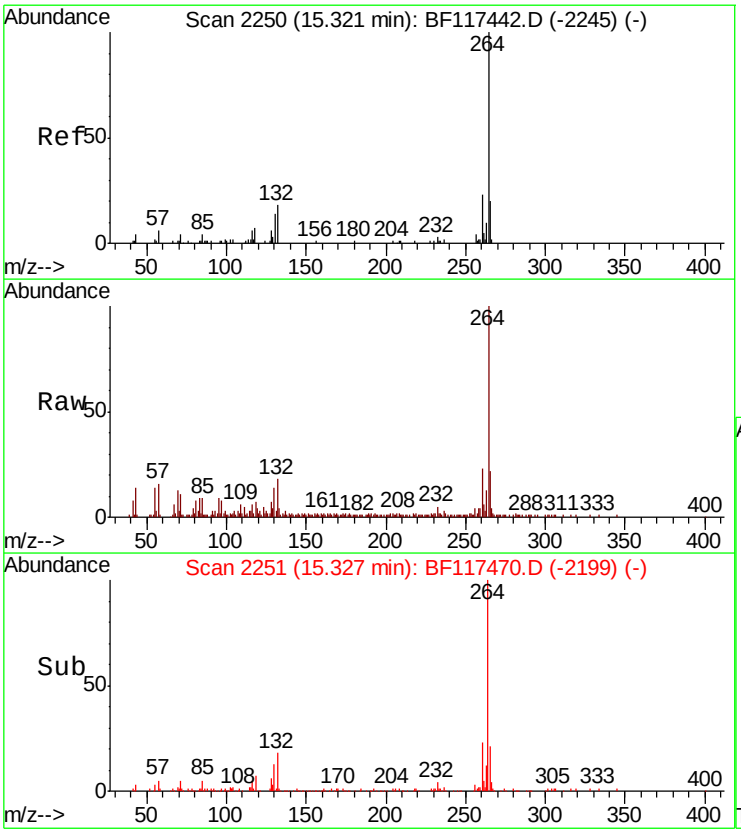
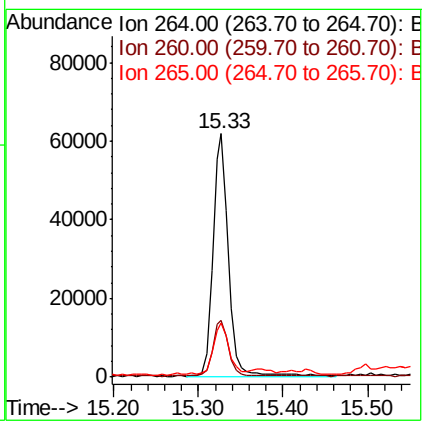
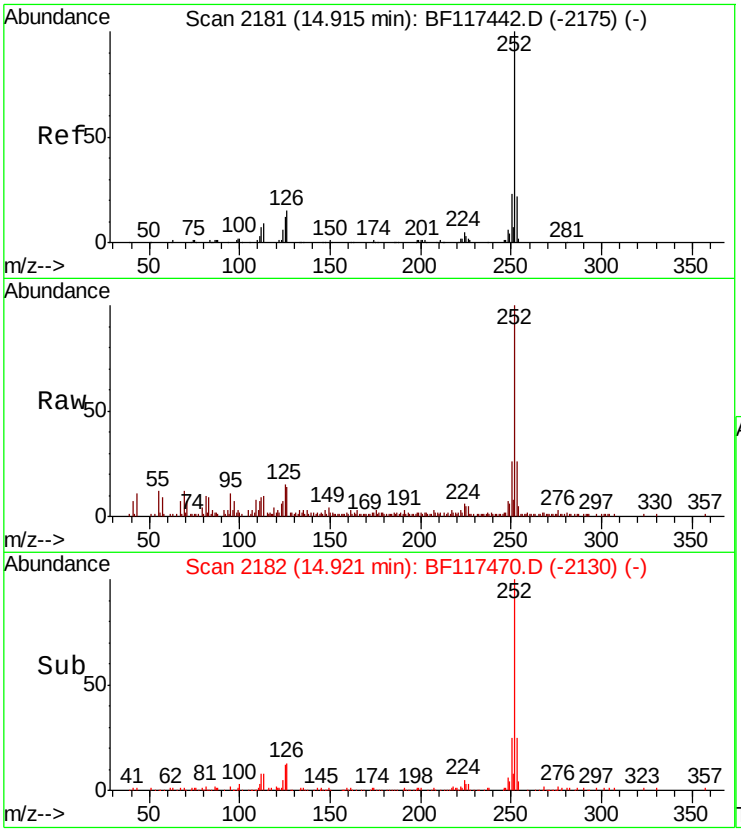


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:264 Resp: 82541

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.1	16.1	24.1

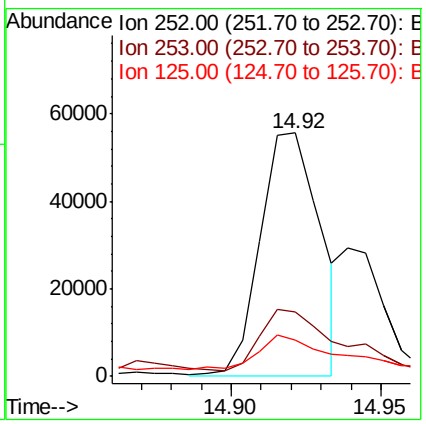




#88
Benzo(b)fluoranthene
Concen: 15.769 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:252 Resp: 76859

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.6
125	14.8	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
OK-02-101819

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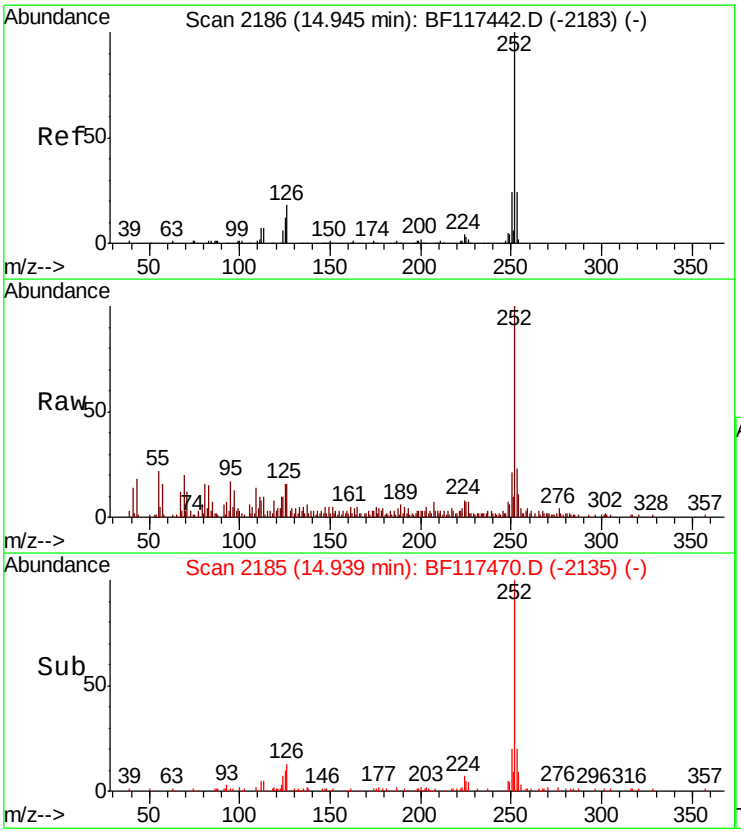
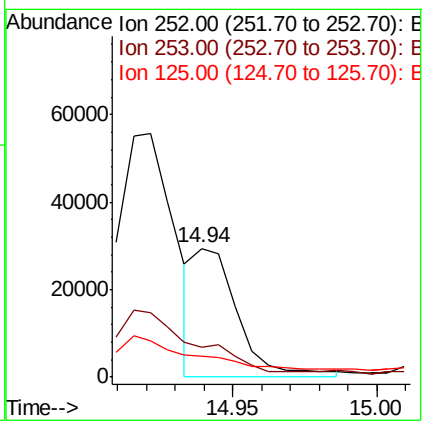
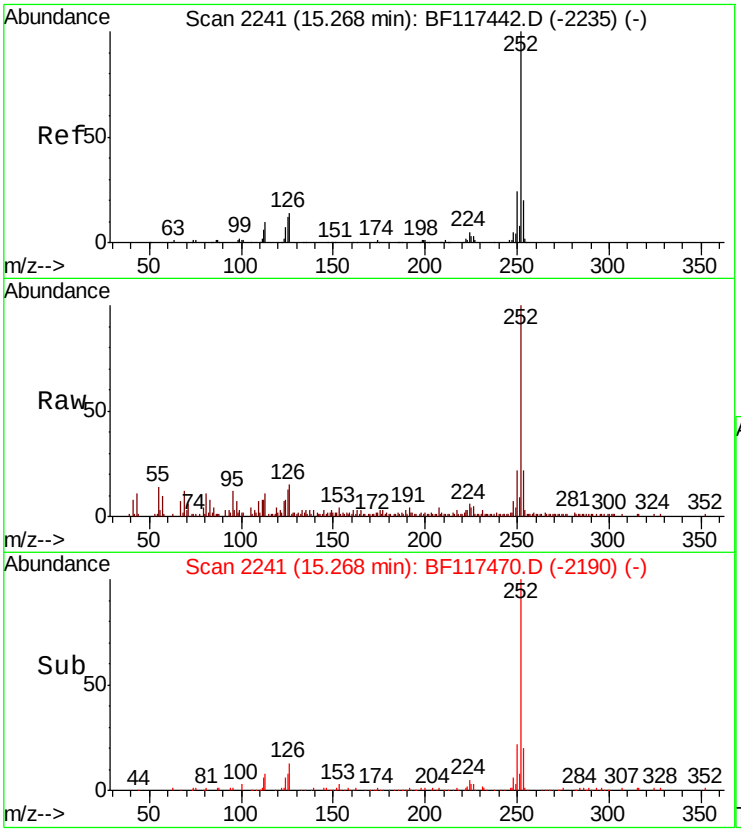


#89
Benzo(k)fluoranthene
Concen: 6.236 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:252 Resp: 31155

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.8	8.9	13.3#

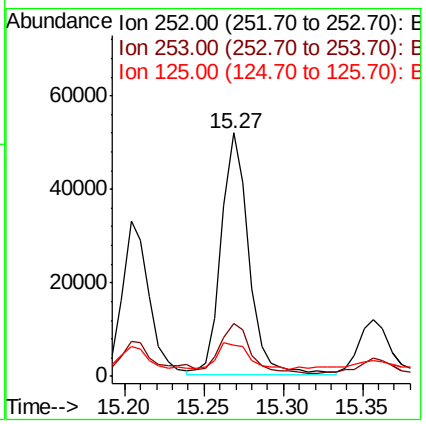




#90
Benzo(a)pyrene
Concen: 14.017 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:252 Resp: 62117

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.3	24.5
125	12.5	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
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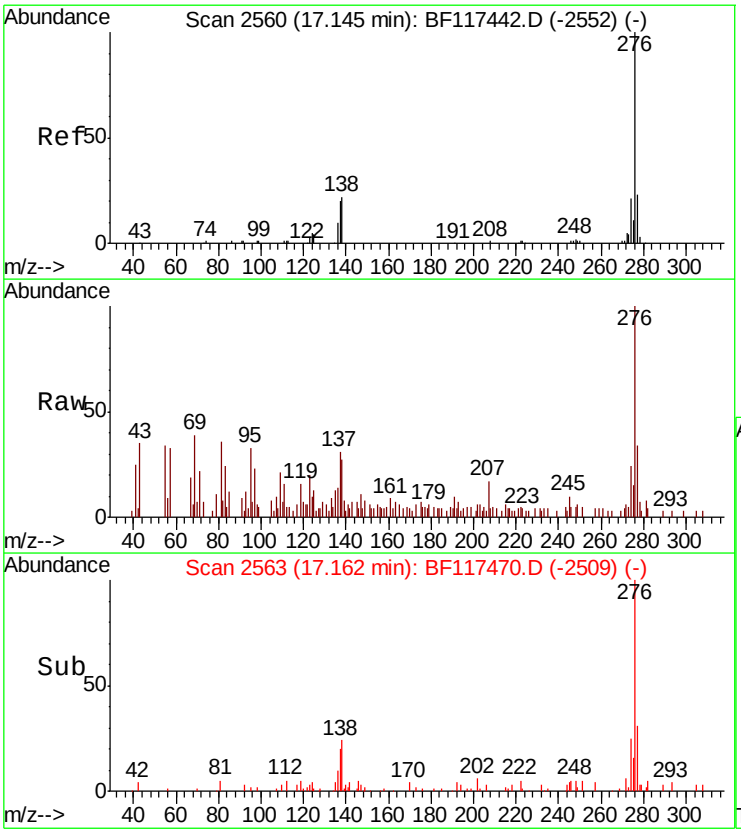

#92
Benzo(g,h,i)perylene
Concen: 7.458 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF117470.D
Acq: 22 Oct 2019 1:35

Tgt Ion:276 Resp: 27040

Ion	Ratio	Lower	Upper
276	100		
277	34.0	18.4	27.6#
138	26.7	17.8	26.6#