Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-101019

Manual Integrations APPROVED
mohammad
10/16/2019 8:06:10 AM

Quant Time: Oct 14 04:11:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	46622	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	198056	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	99197	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	138068	20.00	ng	0.00
76) Chrysene-d12	13.96	240	102312	20.00	ng	-0.01
87) Perylene-d12	15.42	264	101089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	136779	45.80	ng	-0.01
7) Phenol-d6	6.44	99	199069	51.58	ng	-0.01
23) Nitrobenzene-d5	7.36	82	115601	30.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	34195	41.25	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	216583	34.14	ng	-0.01
79) Terphenyl-d14	12.90	244	161141	29.44	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.55	163	31092	4.427	ng	# 98
71) Phenanthrene	11.35	178	84870	10.822	ng	98
72) Anthracene	11.40	178	28897	3.609	ng	99
75) Fluoranthene	12.54	202	157432	19.538	ng	97
78) Pyrene	12.77	202	155816	18.150	ng	99
81) Benzo(a)anthracene	13.96	228	76832	11.240	ng	98
83) Chrysene	13.99	228	73202	10.980	ng	96
86) Indeno(1,2,3-cd)pyrene	16.88	276	21356	4.391	ng	95
88) Benzo(b)fluoranthene	15.00	252	70705m	11.547	ng	
89) Benzo(k)fluoranthene	15.03	252	29673m	5.116	ng	
90) Benzo(a)pyrene	15.36	252	54086	10.066	ng	# 93
92) Benzo(g,h,i)perylene	17.32	276	20367	4.775	ng	# 91

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

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Instrument :
BNA_F
ClientSampleId :
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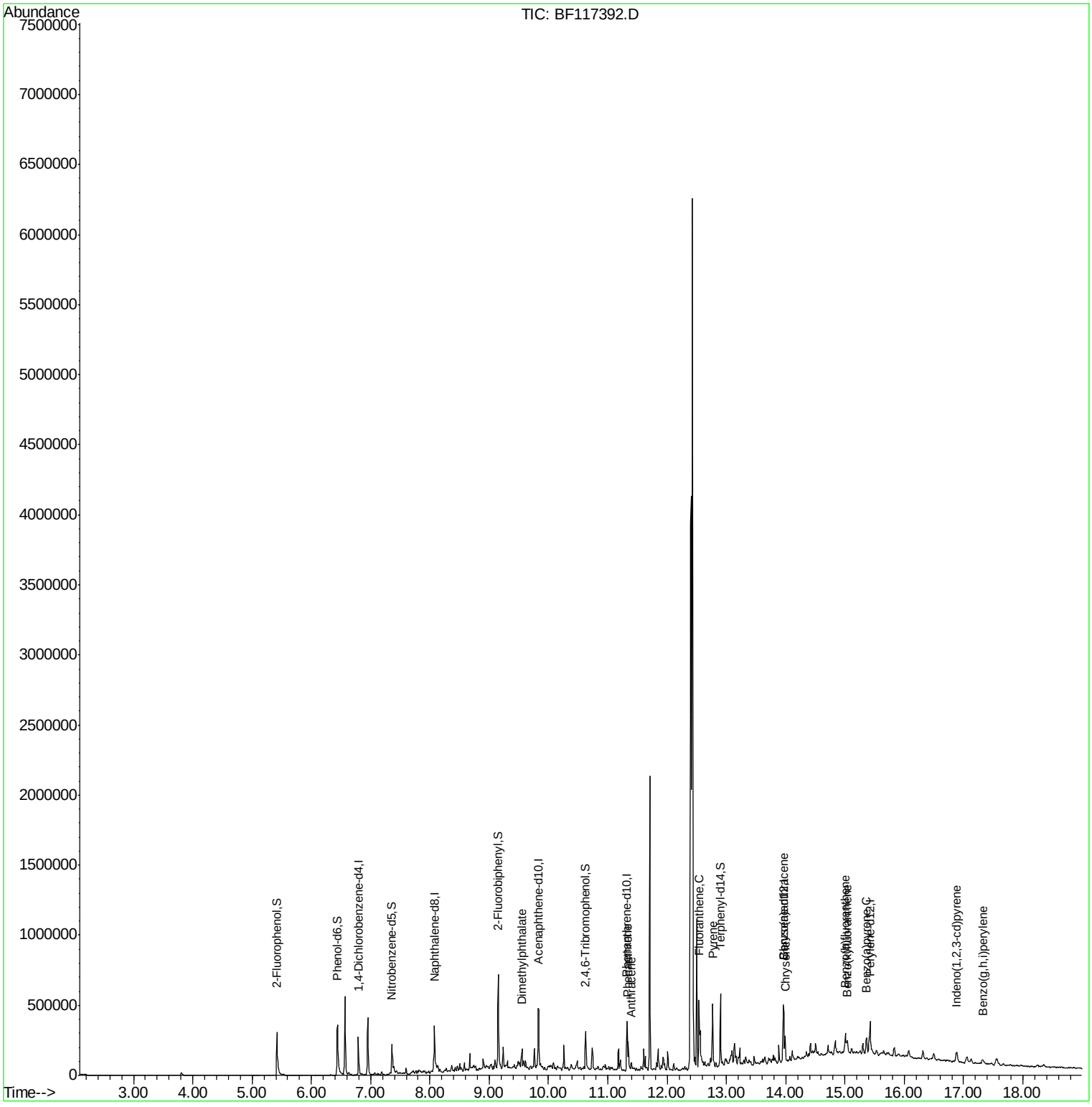
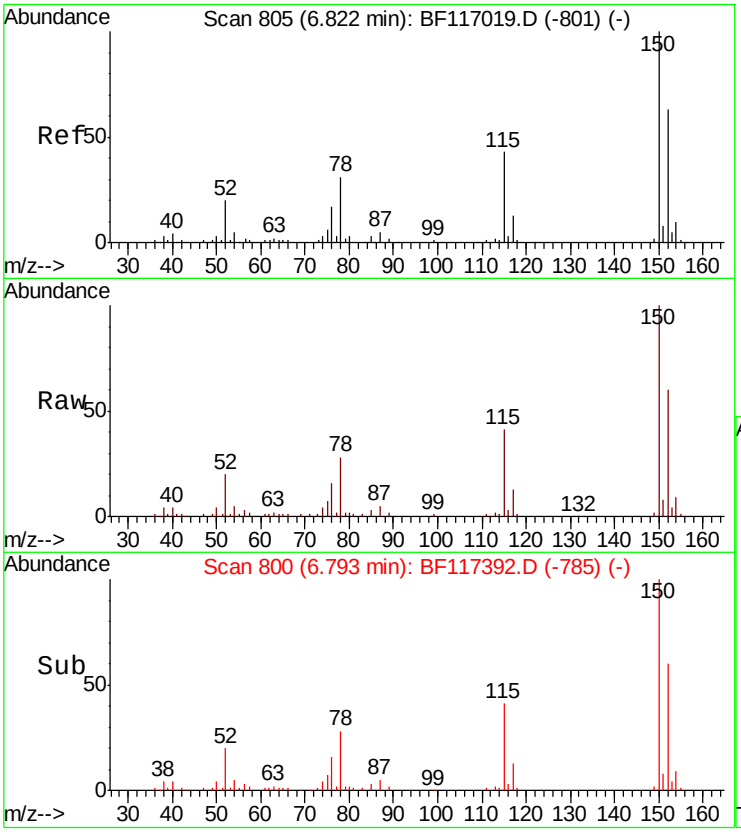
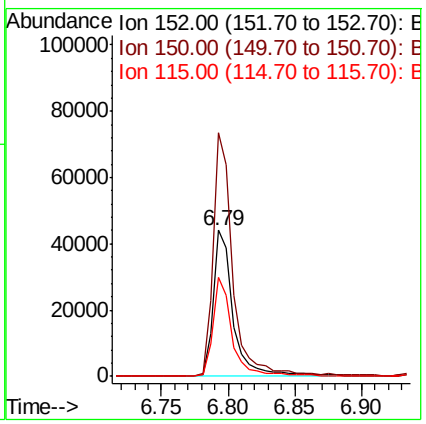




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:152 Resp: 46622

Ion	Ratio	Lower	Upper
152	100		
150	166.7	127.5	191.3
115	67.6	55.0	82.4



Instrument :
BNA_F
ClientSampleId :
EO-02-101019

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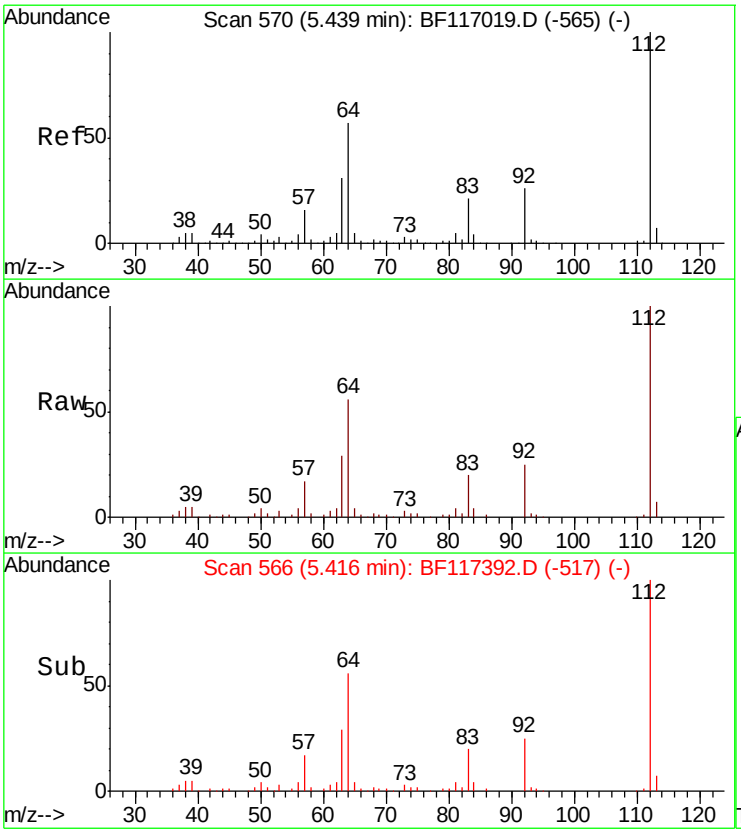
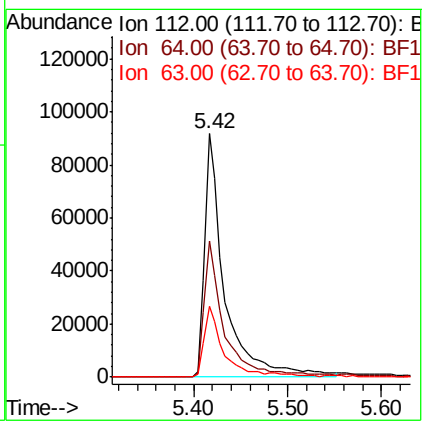
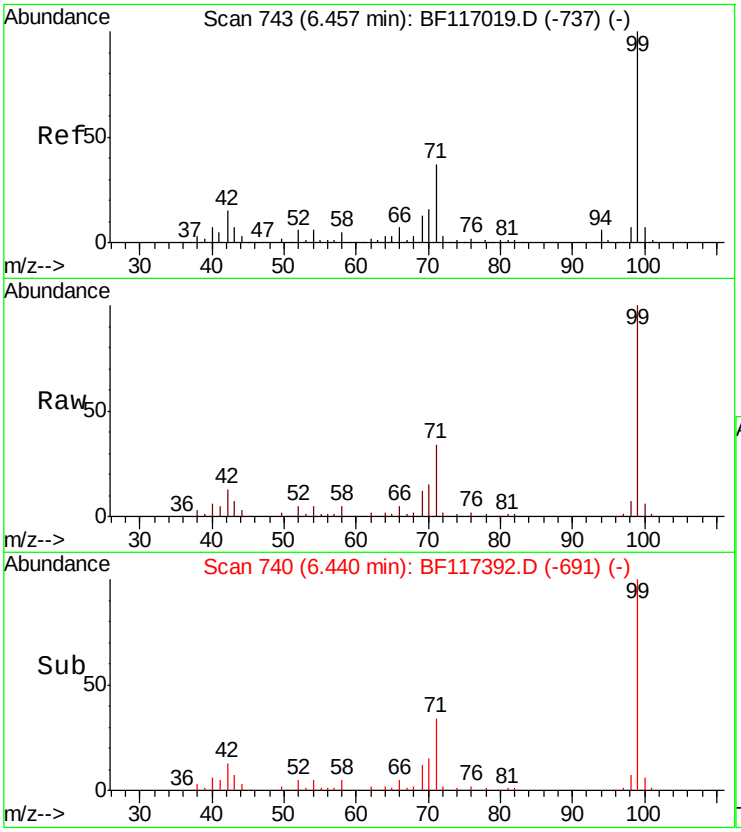


#5
2-Fluorophenol
Concen: 45.804 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:112 Resp: 136779

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	29.3	24.9	37.3

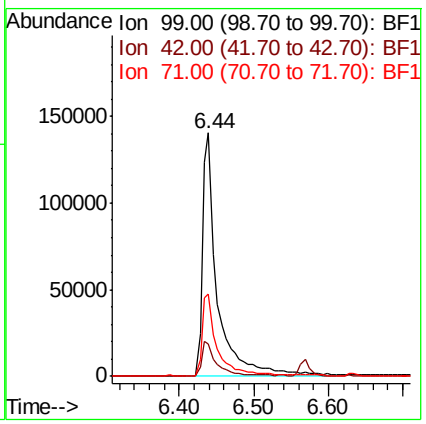




#7
Phenol-d6
Concen: 51.582 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion: 99 Resp: 199069

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.2
71	34.0	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
EO-02-101019

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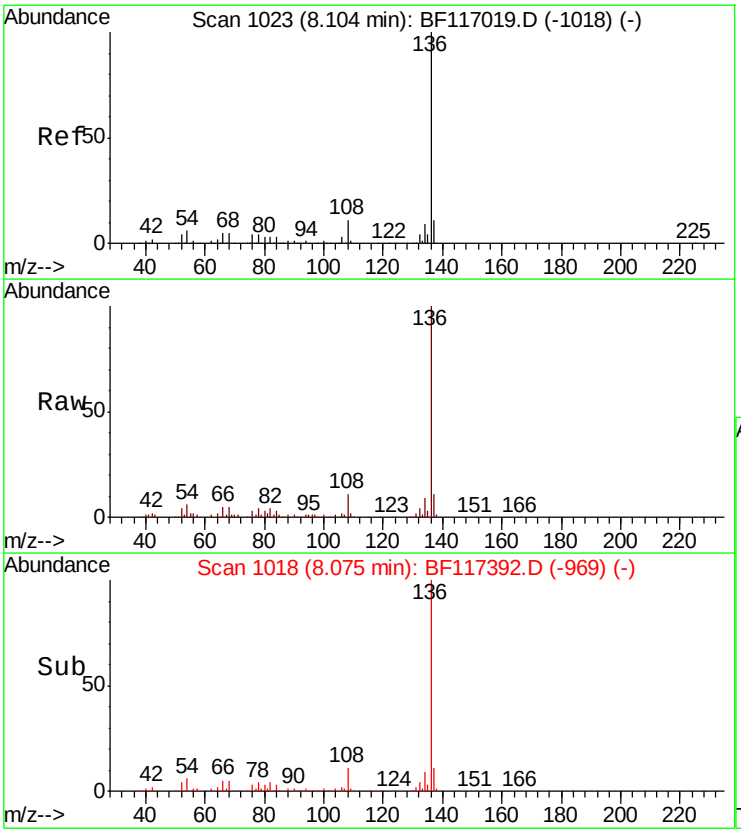
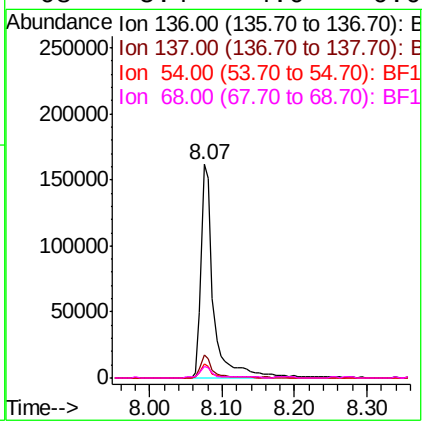
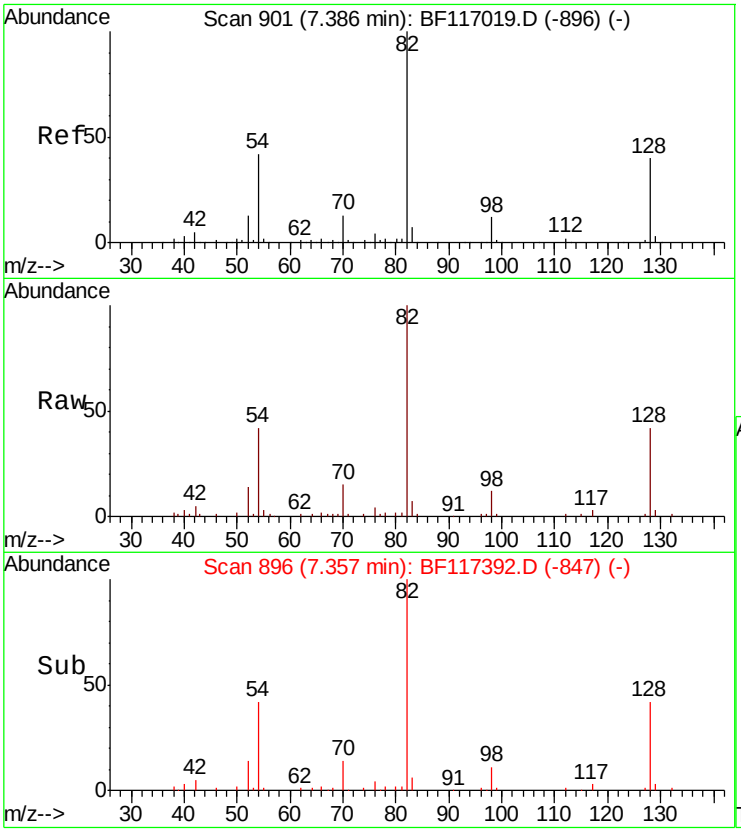


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:136 Resp: 198056

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	4.5	6.7
68	5.4	4.0	6.0

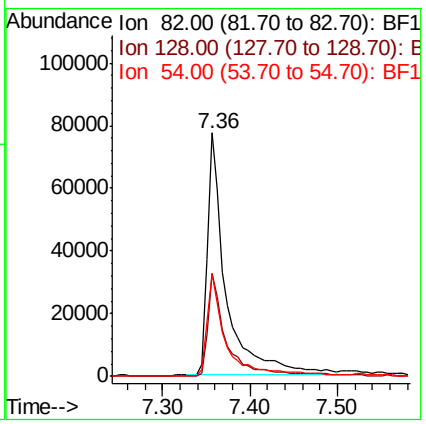




#23
Nitrobenzene-d5
Concen: 30.668 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion: 82 Resp: 115601

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.3	48.5
54	42.2	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
EO-02-101019

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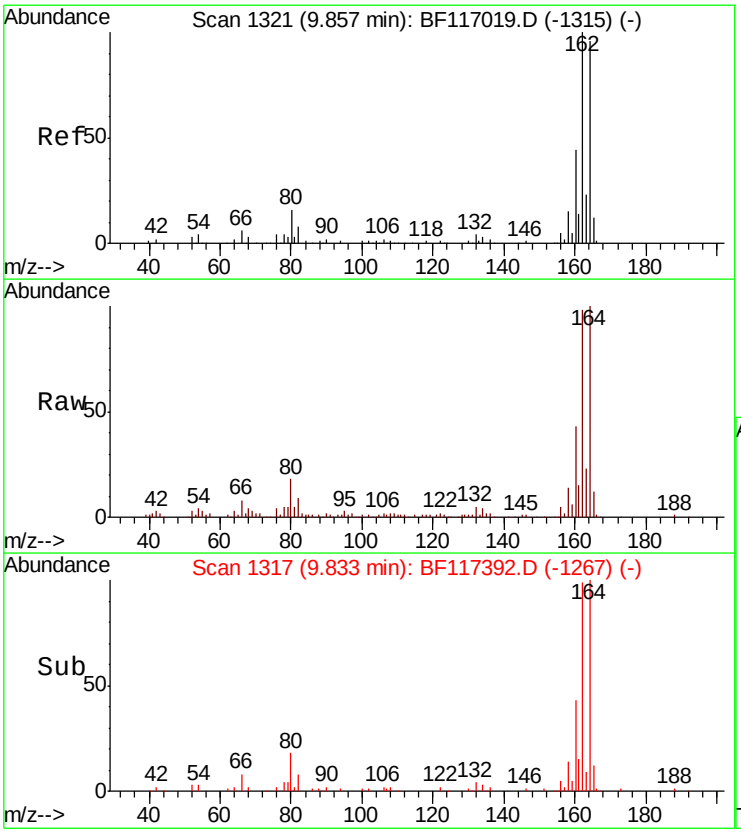
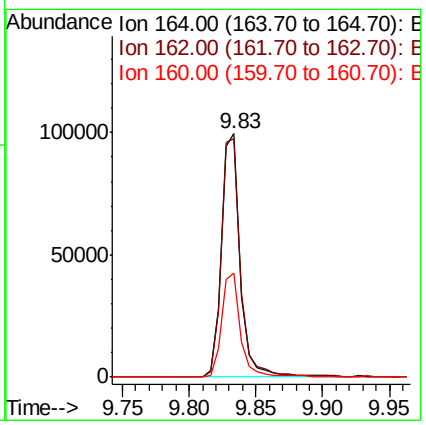
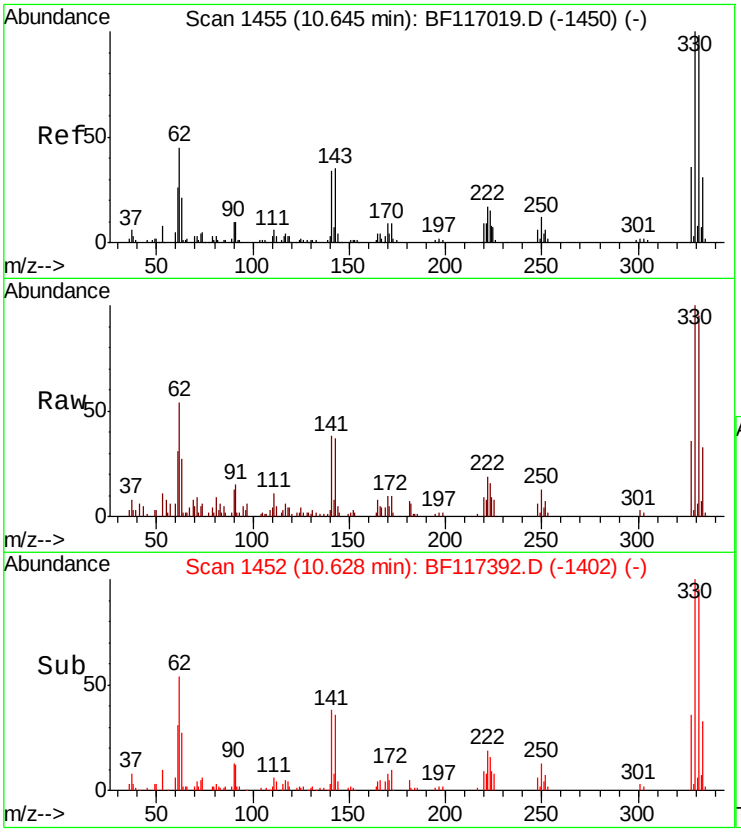


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:164 Resp: 99197

Ion	Ratio	Lower	Upper
164	100		
162	97.7	83.4	125.2
160	42.5	36.4	54.6

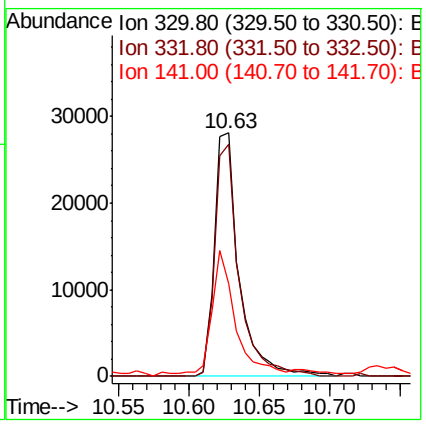




#42
2,4,6-Tribromophenol
Concen: 41.246 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:330 Resp: 34195

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	51.5	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
EO-02-101019

Manual Integrations APPROVED
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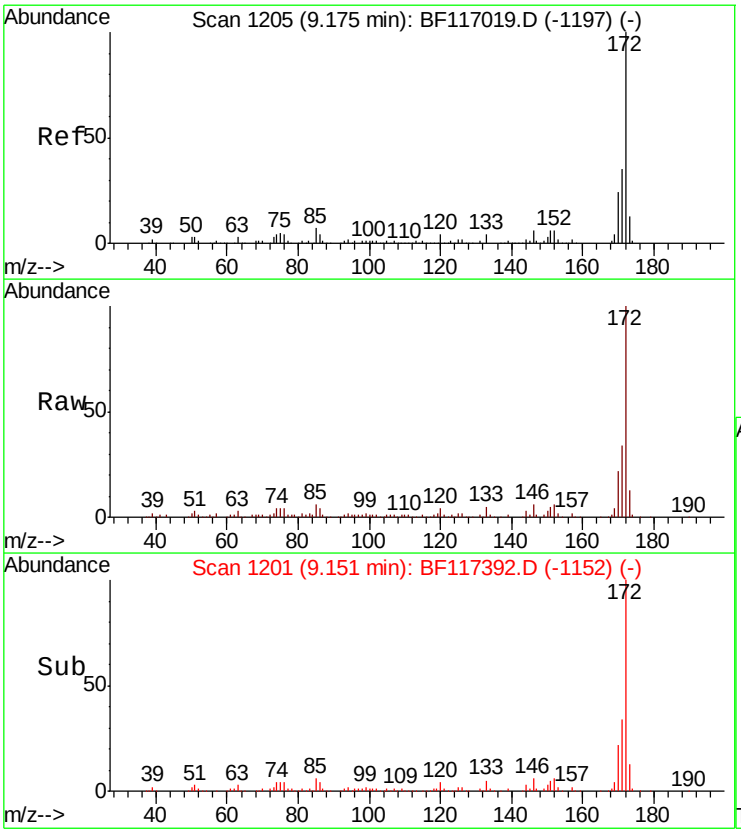
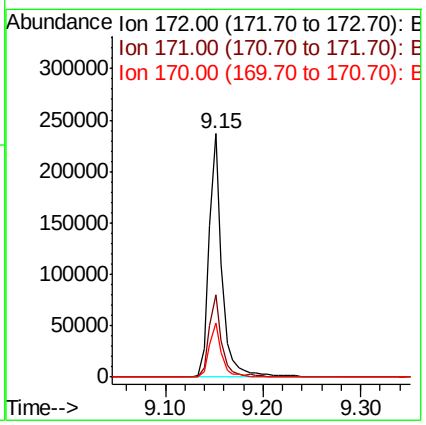
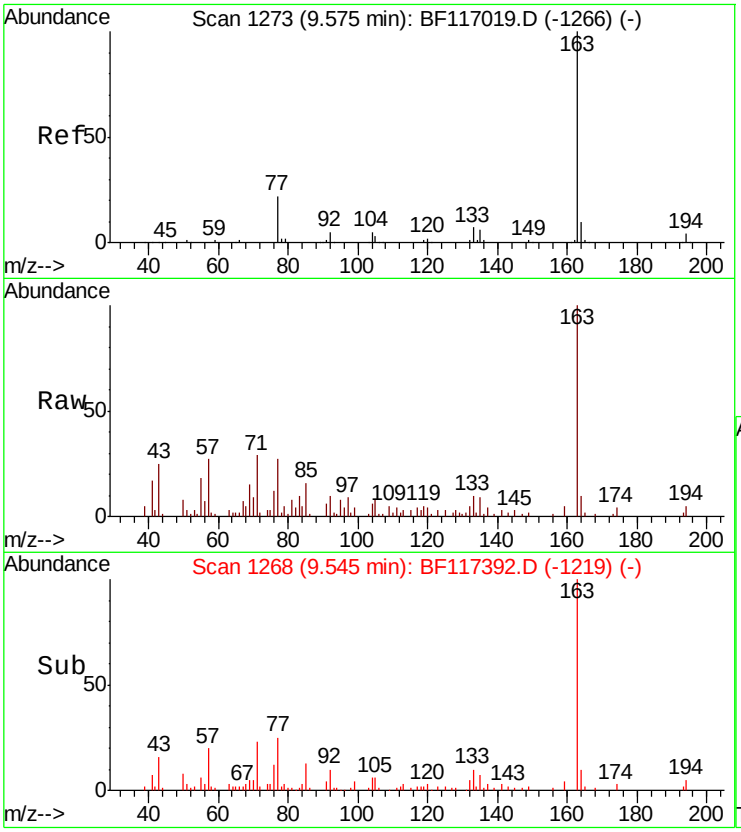


#45
2-Fluorobiphenyl
Concen: 34.139 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:172 Resp: 216583

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.2	42.2
170	22.0	18.9	28.3

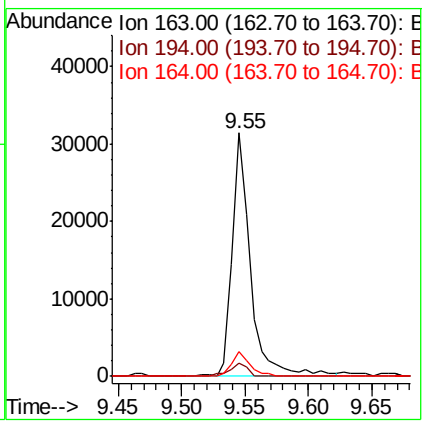




#50
Dimethylphthalate
Concen: 4.427 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:163 Resp: 31092

Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.9	4.3#
164	10.1	8.2	12.4



Instrument :
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ClientSampleId :
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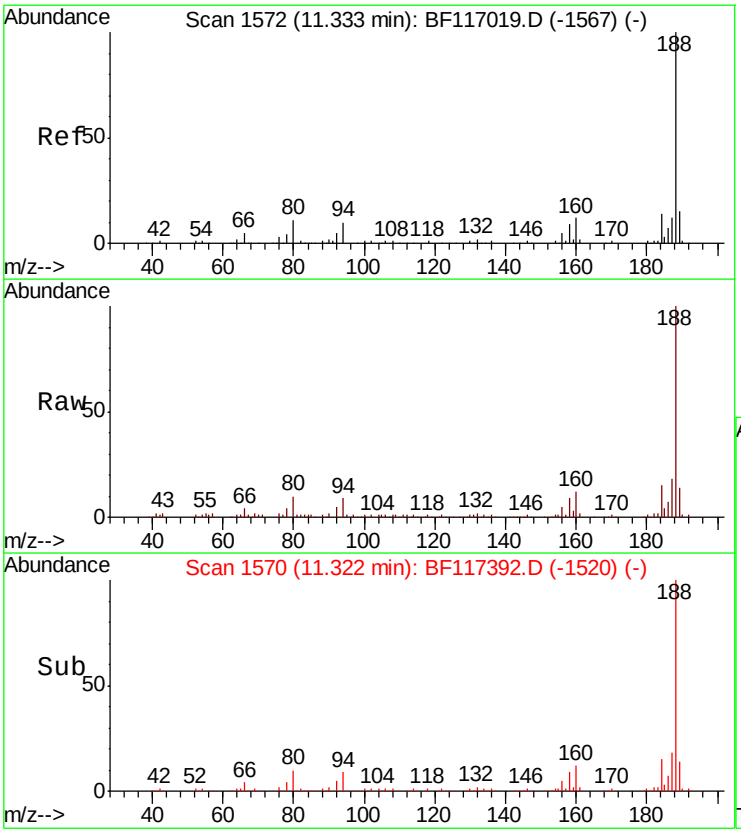
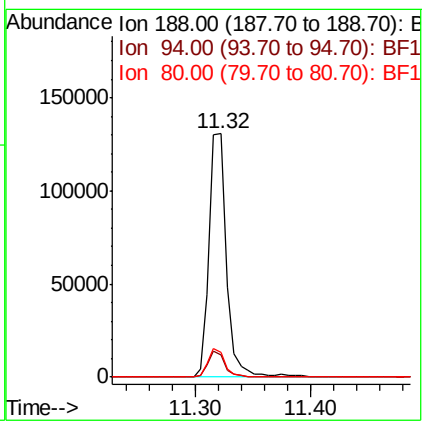
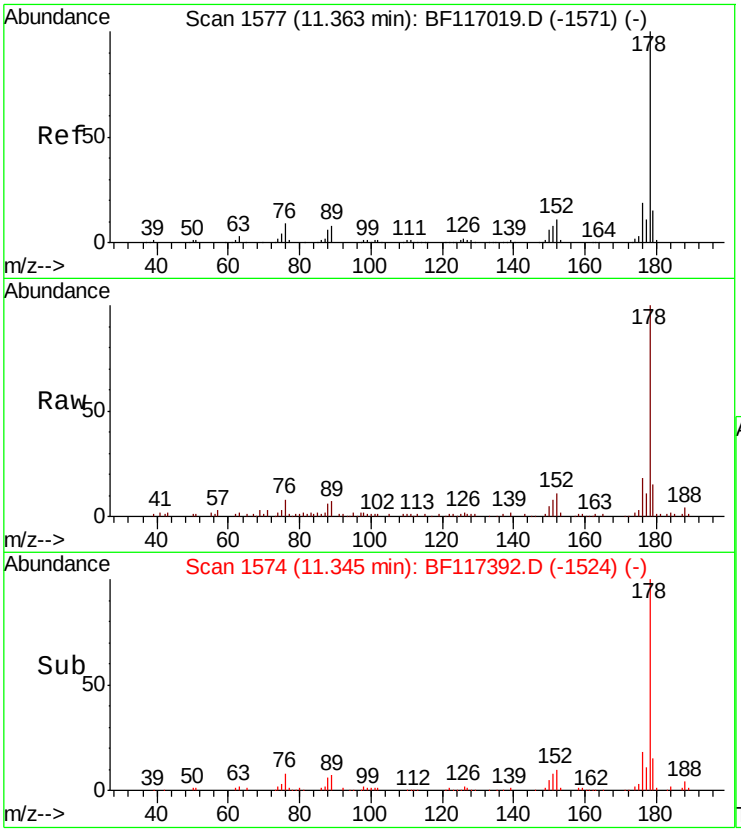


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:188 Resp: 138068

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	10.0	9.0	13.6

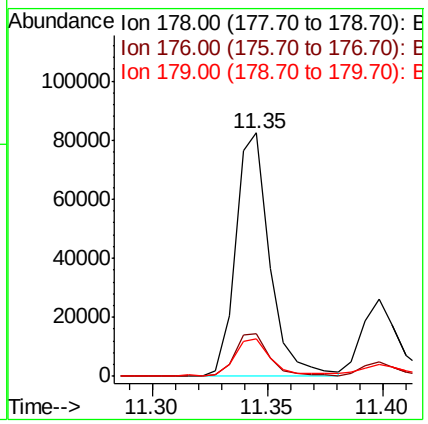




#71
Phenanthrene
Concen: 10.822 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:178 Resp: 84870

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.3	12.4	18.6



Instrument :
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ClientSampleId :
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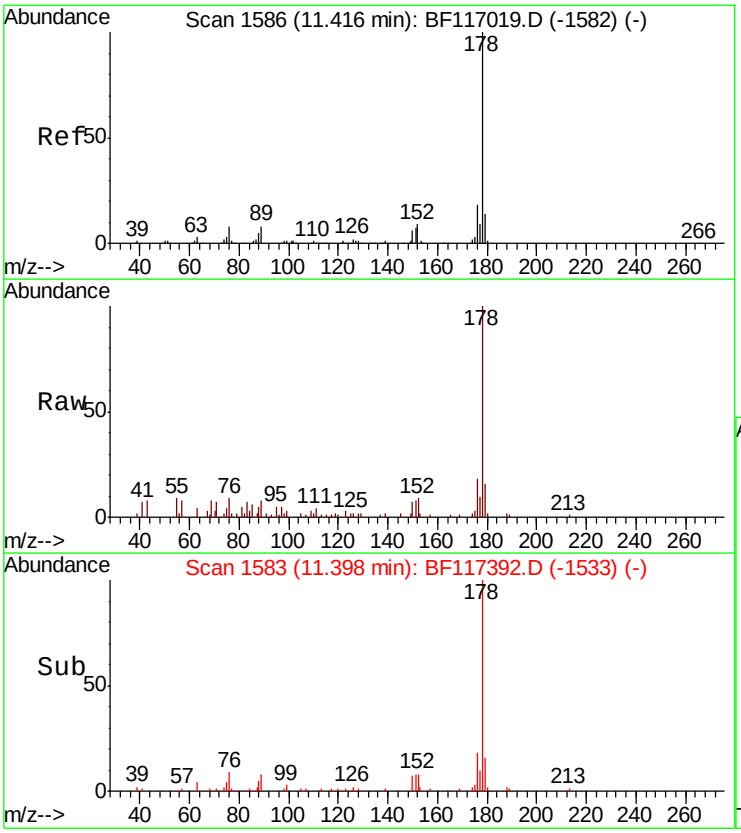
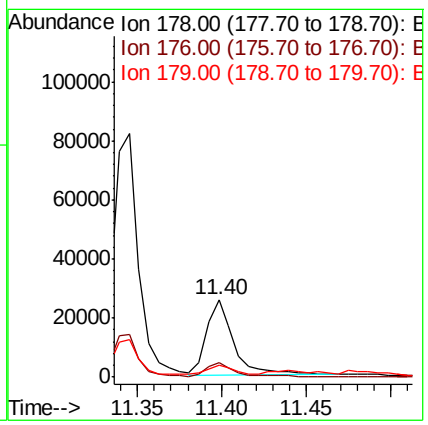
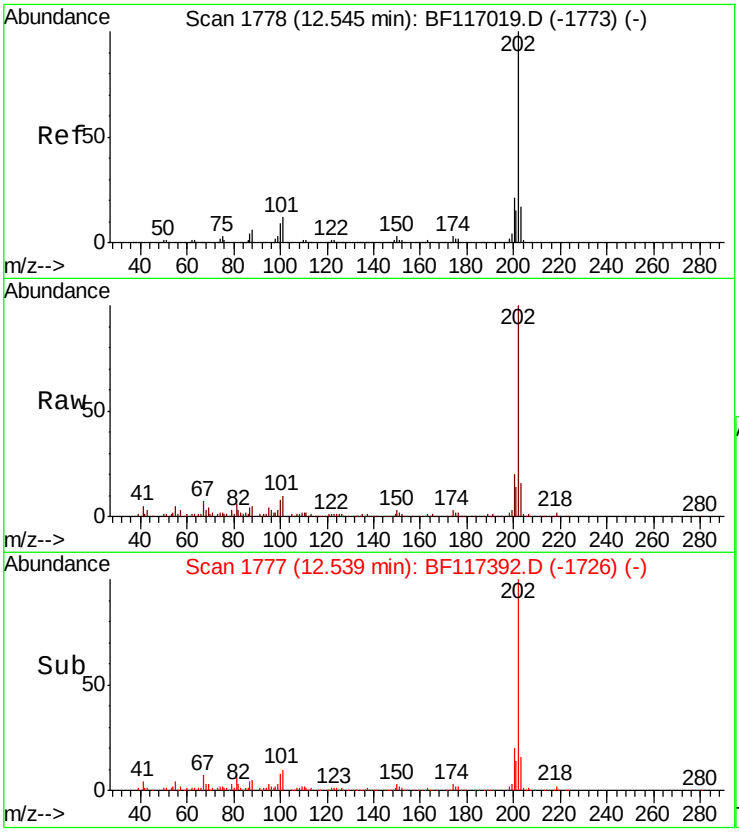


#72
Anthracene
Concen: 3.609 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:178 Resp: 28897

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.5	11.6	17.4

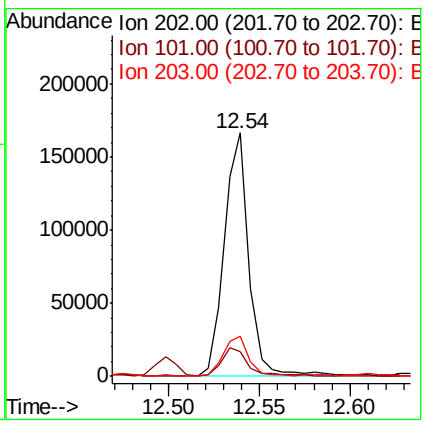




#75
Fluoranthene
Concen: 19.538 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:202 Resp: 157432

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.3
203	16.5	0.0	37.1



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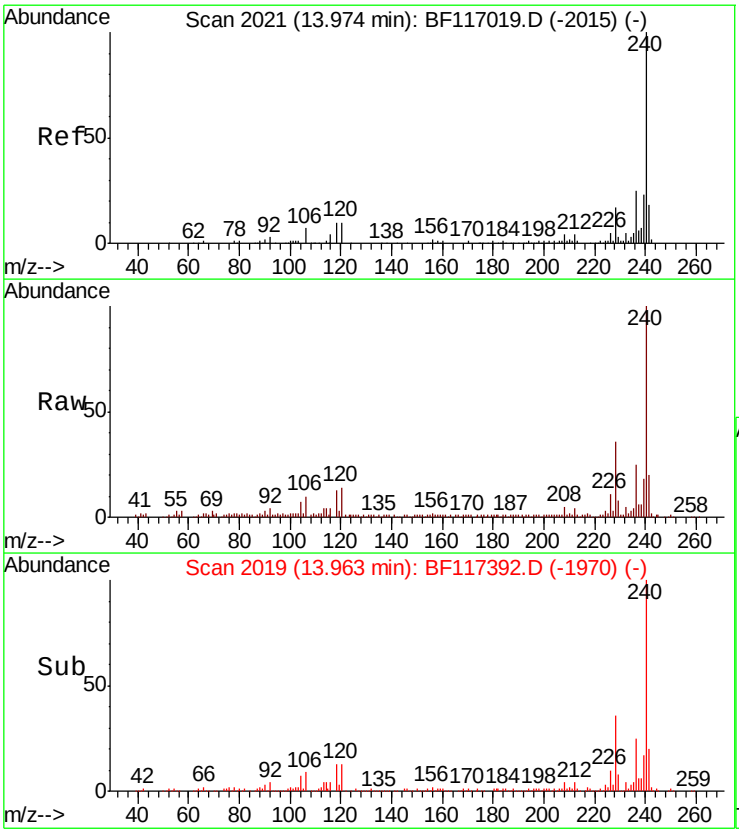
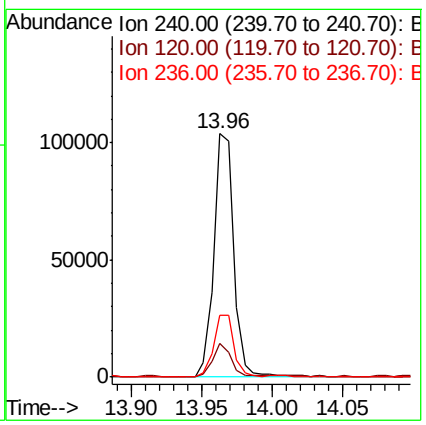
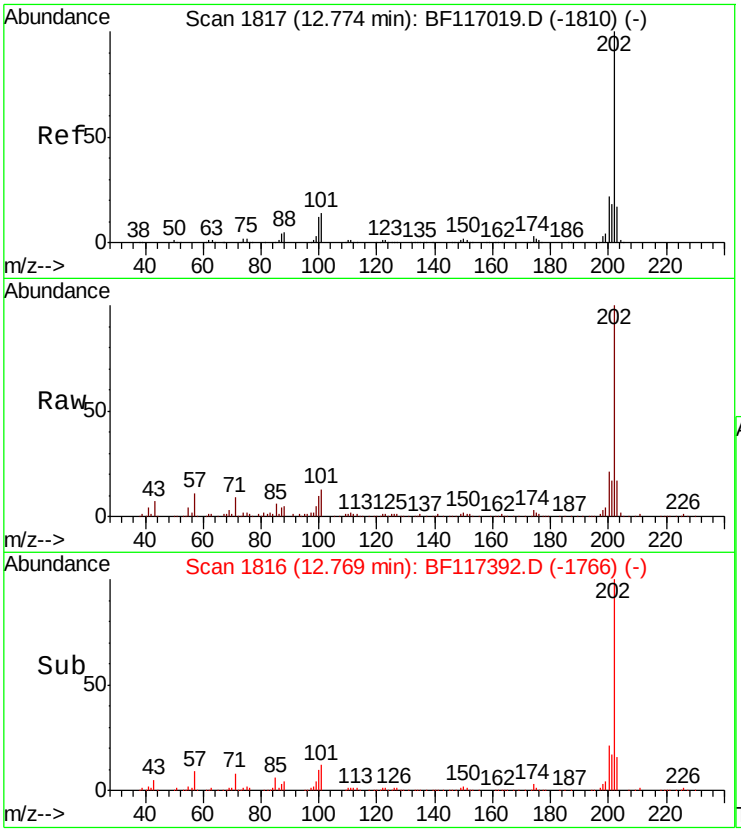


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:240 Resp: 102312

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	25.5	20.3	30.5

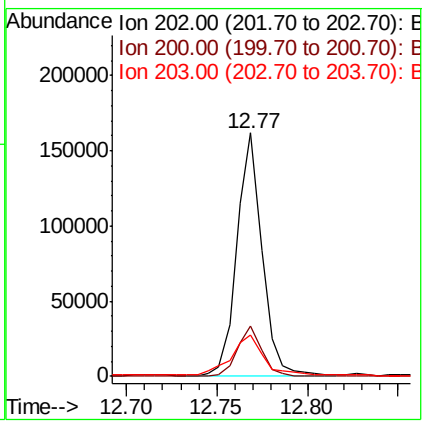




#78
Pyrene
Concen: 18.150 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:202 Resp: 155816

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	17.1	14.0	21.0



Instrument :
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ClientSampleId :
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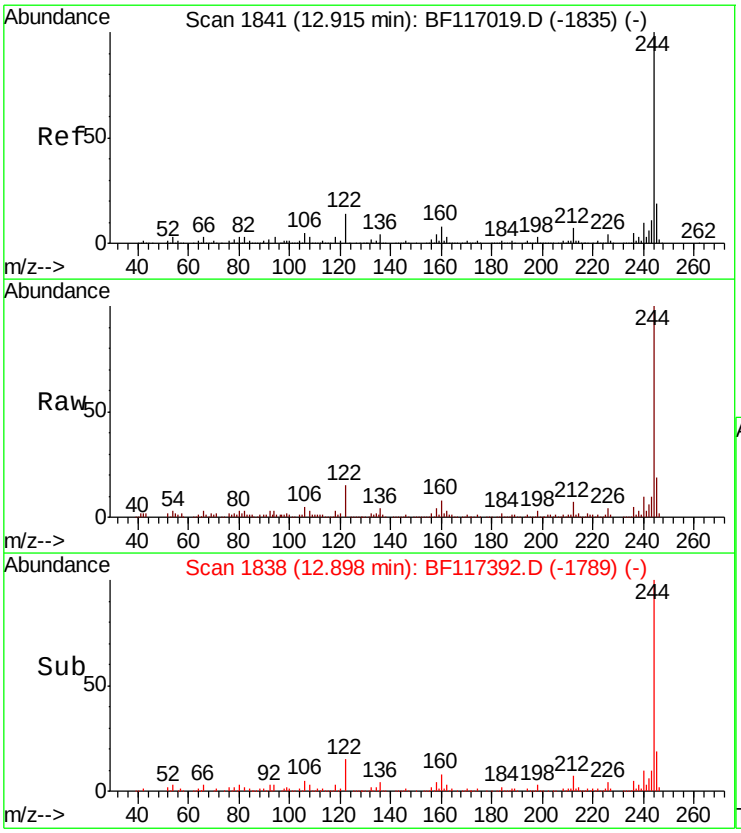
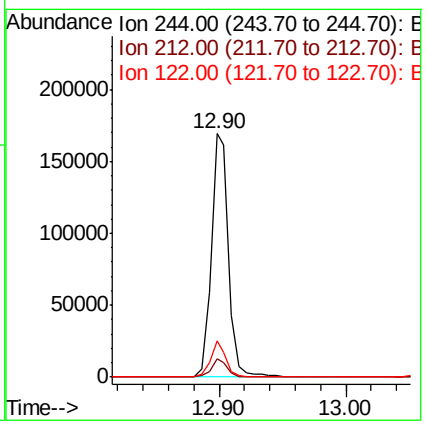
mohammad
10/16/2019 8:06:10 AM

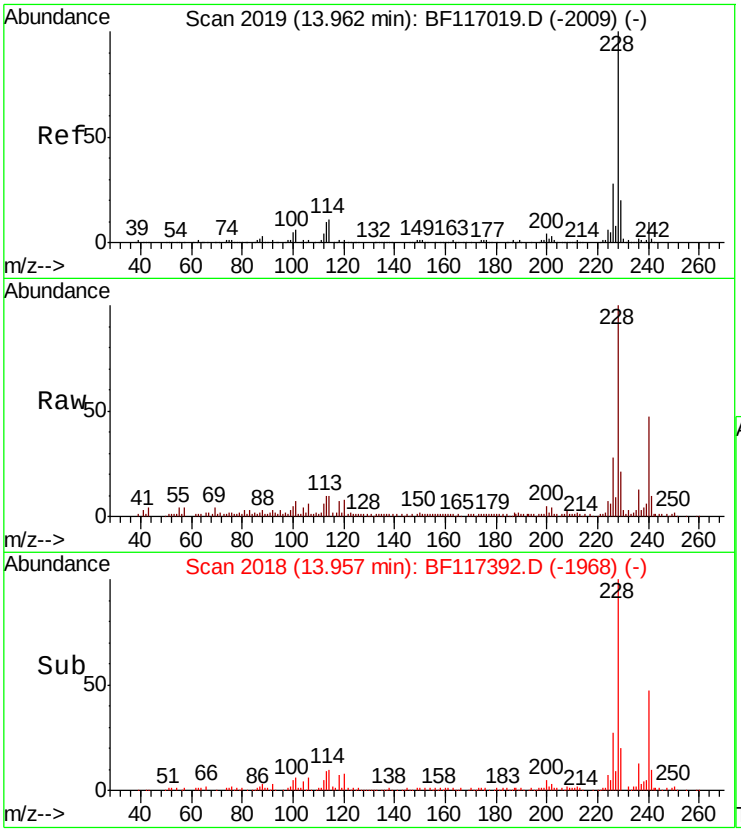


#79
Terphenyl-d14
Concen: 29.440 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:244 Resp: 161141

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	14.7	11.3	16.9

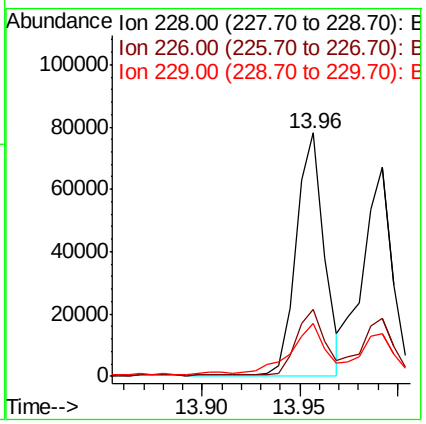




#81
Benzo(a)anthracene
Concen: 11.240 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:228 Resp: 76832

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	21.5	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
EO-02-101019

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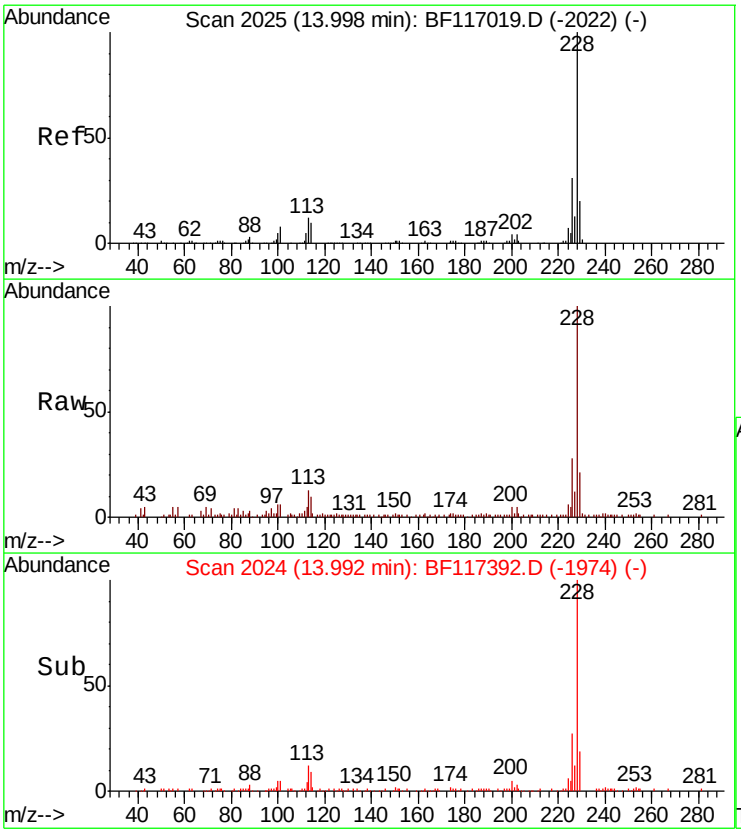
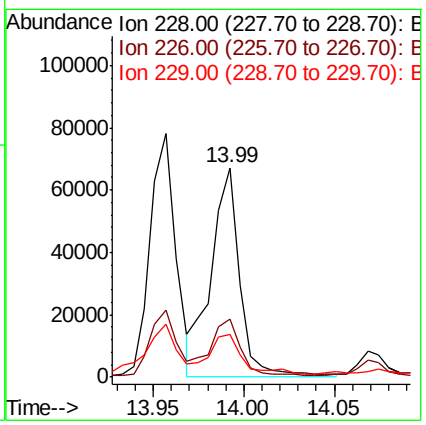
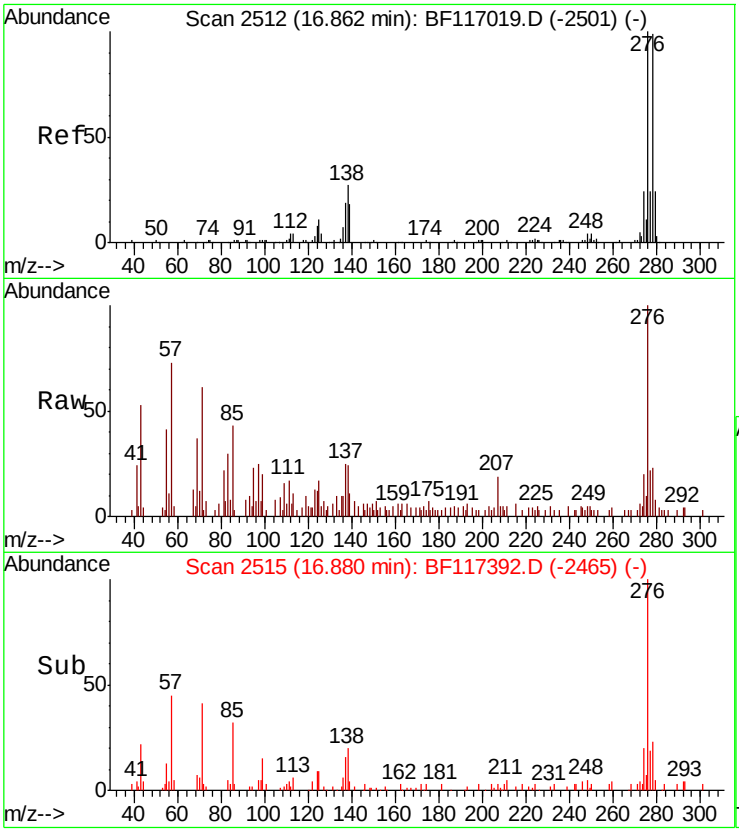


#83
Chrysene
Concen: 10.980 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:228 Resp: 73202

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.8	37.2
229	20.6	15.8	23.8

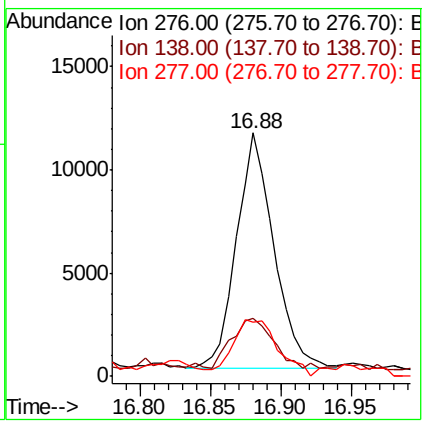




#86
Indeno(1,2,3-cd)pyrene
Concen: 4.391 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:276 Resp: 21356

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.7	31.1
277	29.1	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
EO-02-101019

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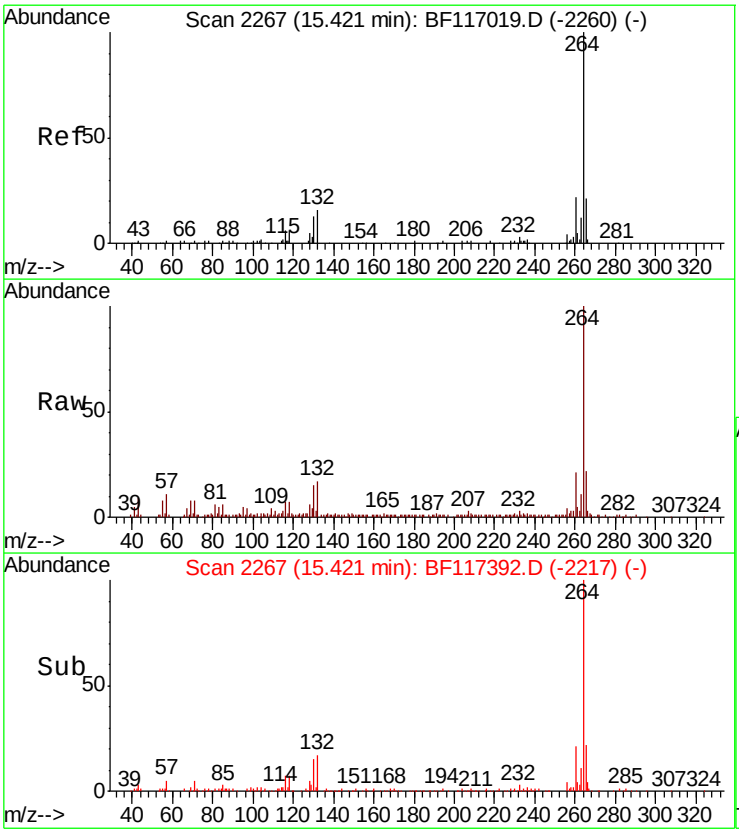
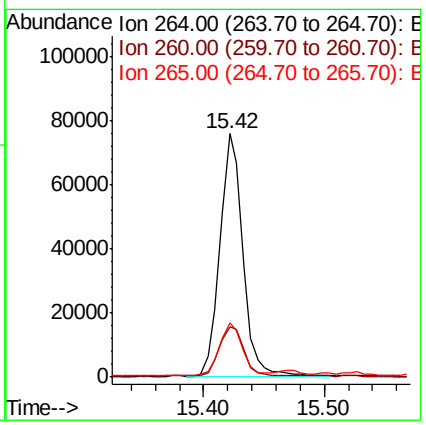
10/16/2019 8:06:10 AM

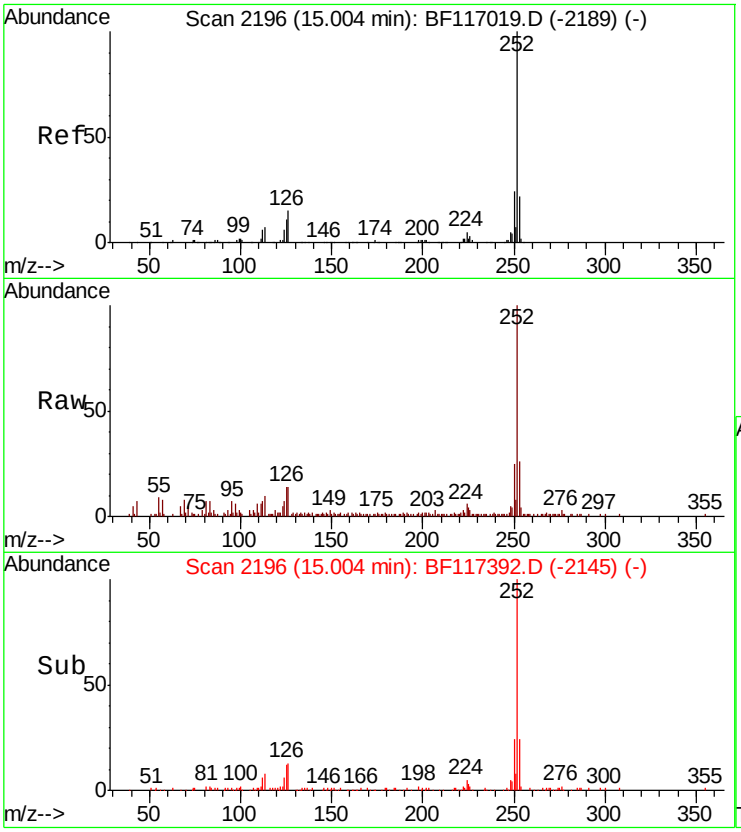


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:264 Resp: 101089

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.6	26.4
265	22.3	16.6	24.8





#88
Benzo(b)fluoranthene
Concen: 11.547 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:252 Resp: 70705

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.6	26.4
125	14.2	8.6	12.8#

Instrument :
BNA_F
ClientSampleId :
EO-02-101019

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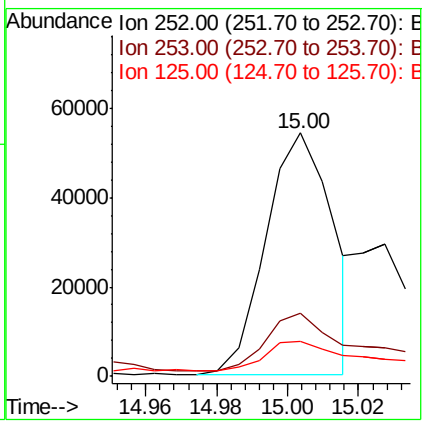
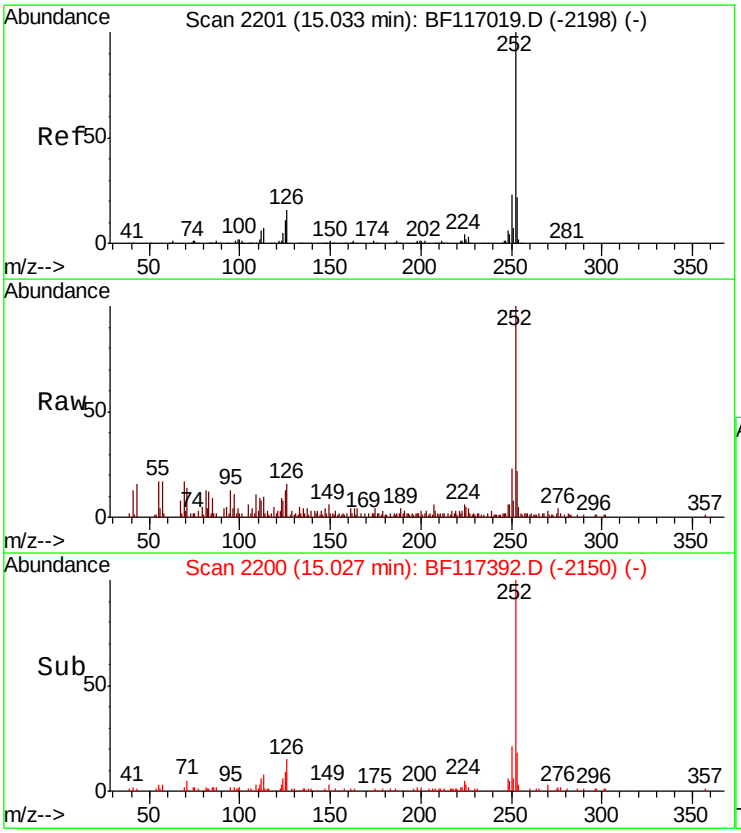
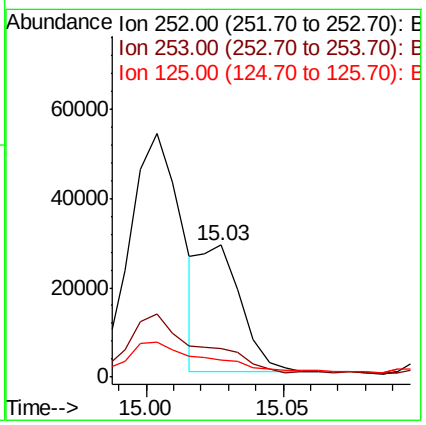


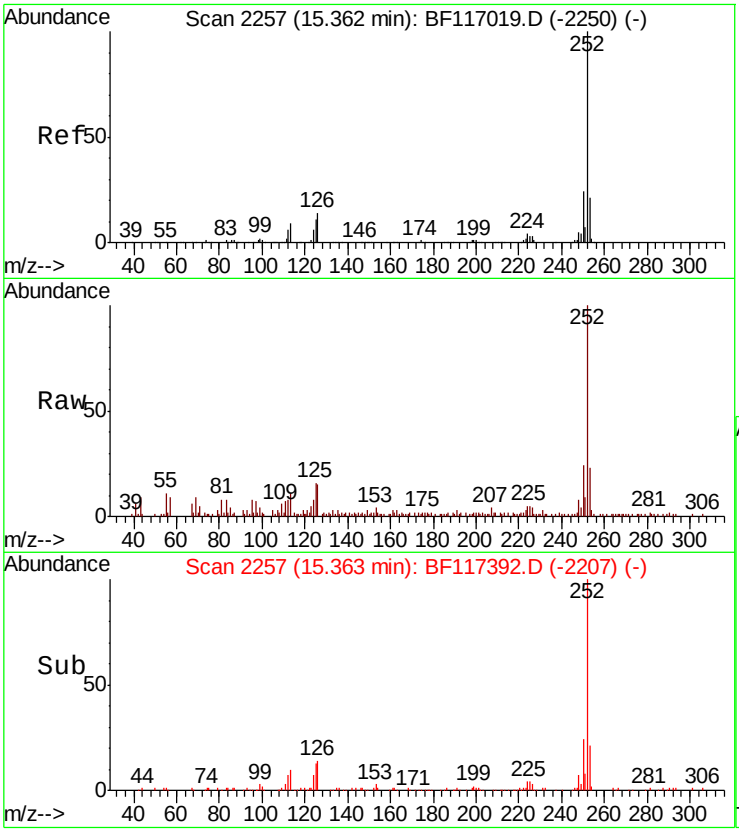


#89
Benzo(k)fluoranthene
Concen: 5.116 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:252 Resp: 29673

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	13.0	8.8	13.2

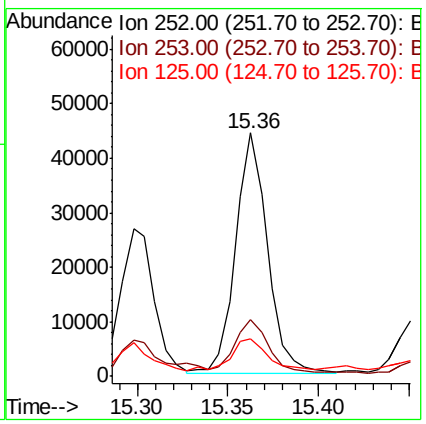




#90
Benzo(a)pyrene
Concen: 10.066 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:252 Resp: 54086

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.6	25.0
125	15.6	8.9	13.3#



Instrument :
BNA_F
ClientSampleId :
EO-02-101019

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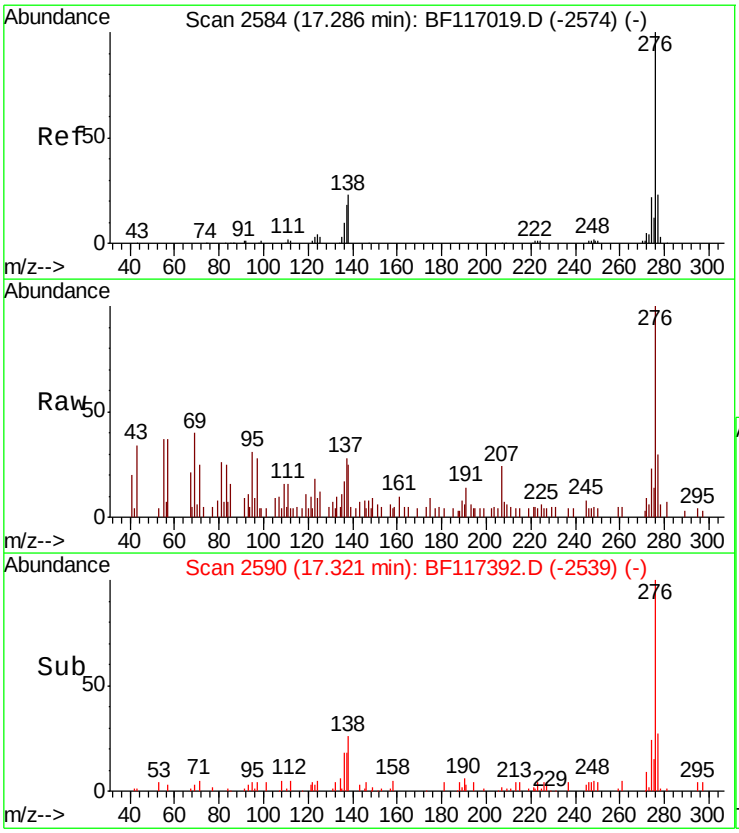

#92
Benzo(g,h,i)perylene
Concen: 4.775 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF117392.D
Acq: 13 Oct 2019 1:58

Tgt Ion:276 Resp: 20367

Ion	Ratio	Lower	Upper
276	100		
277	29.8	18.6	27.8#
138	24.5	18.0	27.0