Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118247.D
Acq On : 18 Dec 2019 1:00
Operator : JU
Sample : K6112-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-121219

Manual Integrations APPROVED
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Quant Time: Dec 18 07:16:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119849	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	469899	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	214821	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	341300	20.00	ng		0.00
76) Chrysene-d12	14.06	240	232069	20.00	ng		-0.01
87) Perylene-d12	15.55	264	188326	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	323397	47.26	ng		0.00
7) Phenol-d6	6.49	99	418022	50.51	ng		-0.01
23) Nitrobenzene-d5	7.42	82	232840	27.88	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	98221	37.64	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	493935	34.99	ng		-0.02
79) Terphenyl-d14	12.99	244	450758	33.40	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	11.43	178	75892	4.183	ng		99
75) Fluoranthene	12.62	202	99633	5.371	ng		99
78) Pyrene	12.85	202	85666	4.684	ng		95
81) Benzo(a)anthracene	14.04	228	42165	2.628	ng		93
83) Chrysene	14.08	228	37657	2.457	ng	#	94
88) Benzo(b)fluoranthene	15.11	252	31822m	2.555	ng		
90) Benzo(a)pyrene	15.49	252	24286	2.208	ng	#	87

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

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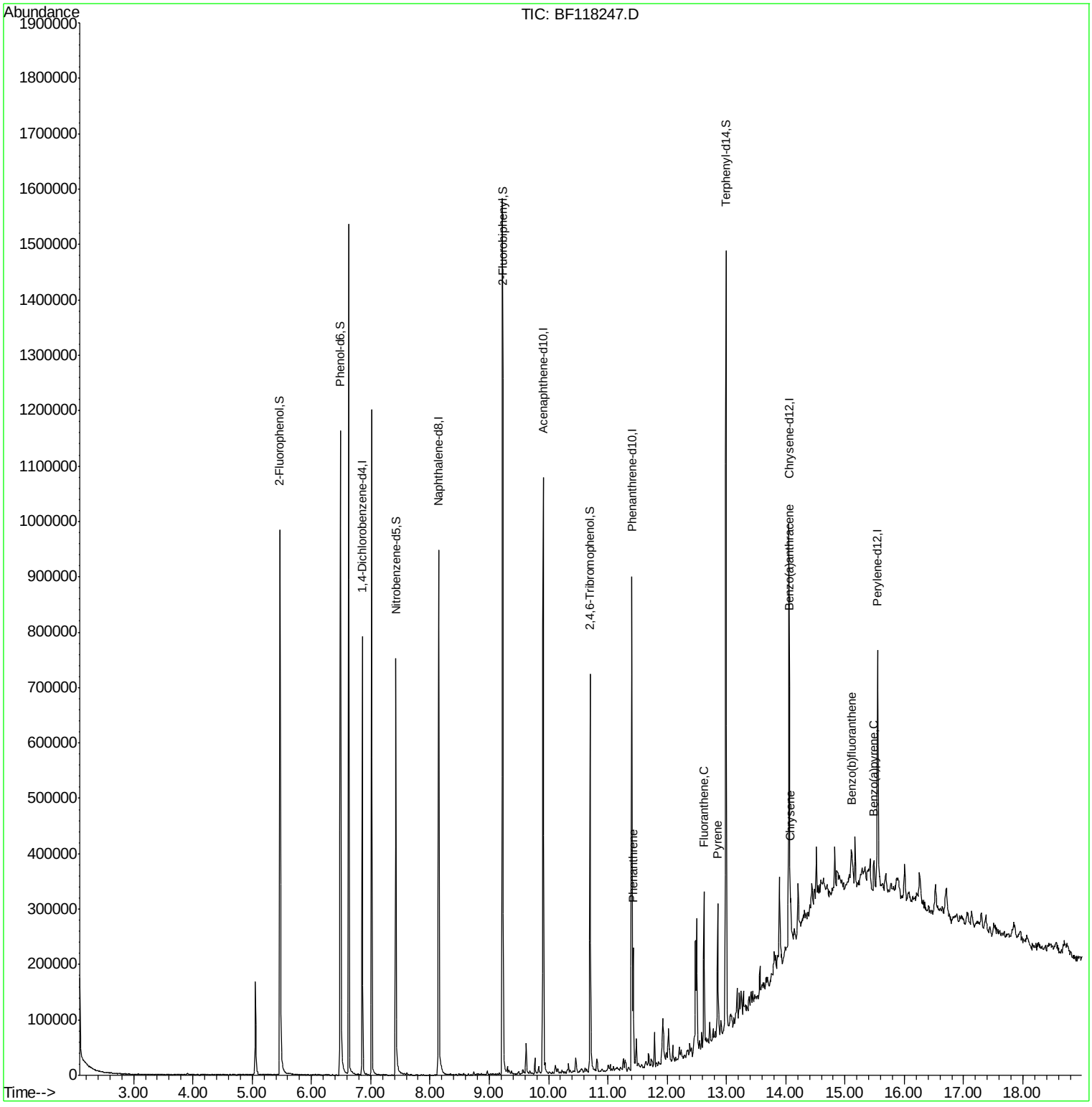
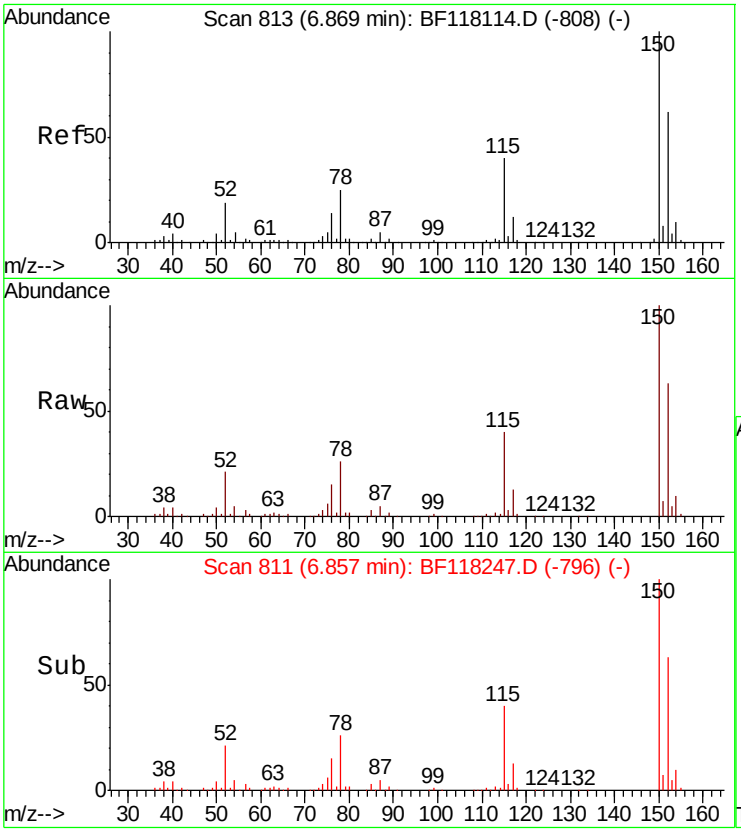
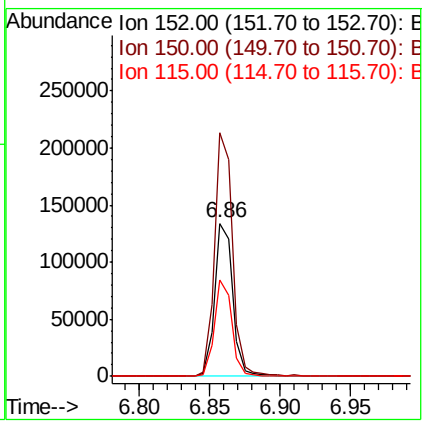




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:152 Resp: 119849

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.3	192.5
115	62.9	51.1	76.7



Instrument :
BNA_F
ClientSampleId :
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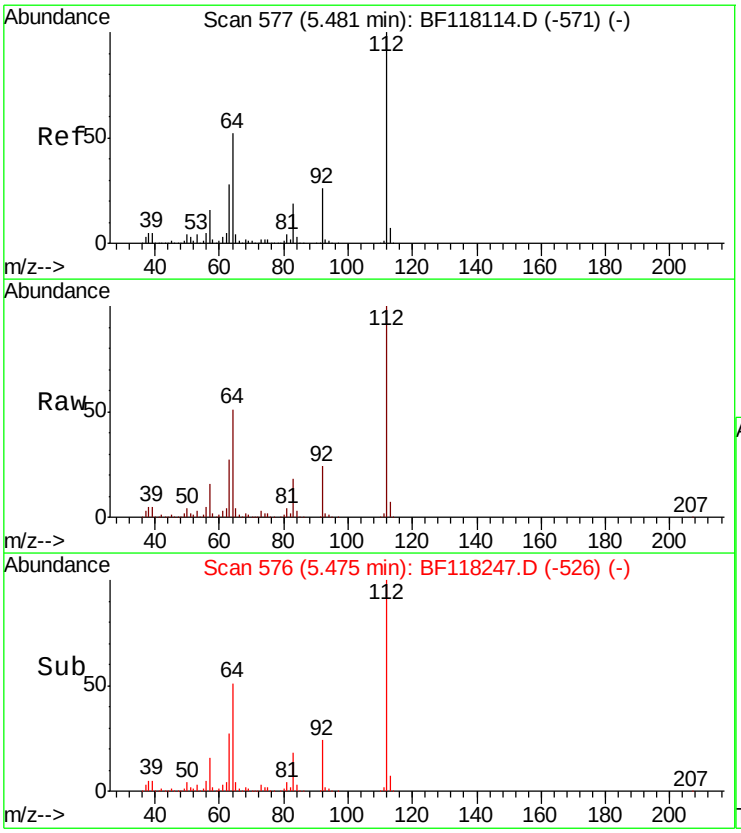
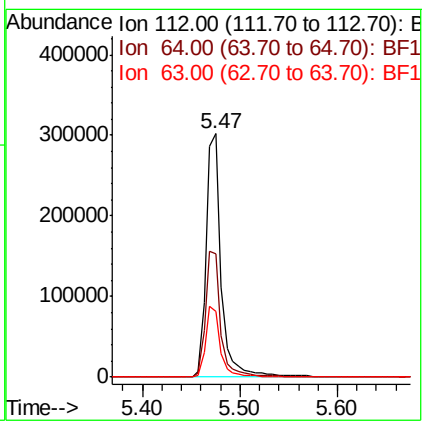
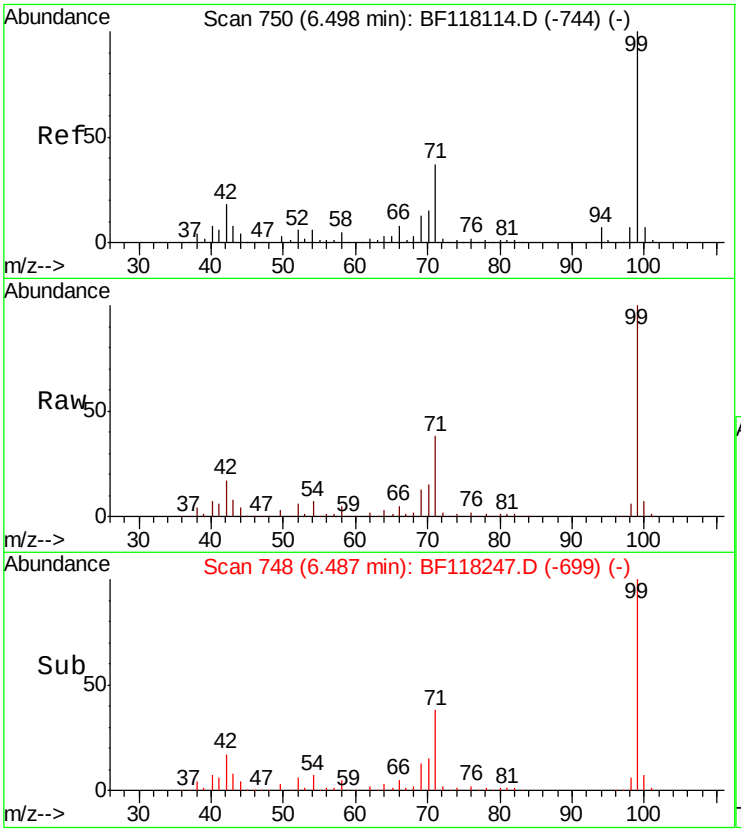


#5
2-Fluorophenol
Concen: 47.261 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:112 Resp: 323397

Ion	Ratio	Lower	Upper
112	100		
64	50.6	41.3	61.9
63	26.9	22.4	33.6

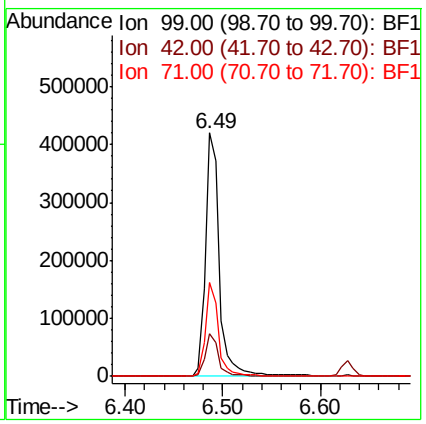




#7
Phenol-d6
Concen: 50.507 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion: 99 Resp: 418022

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	38.5	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
OK-03-121219

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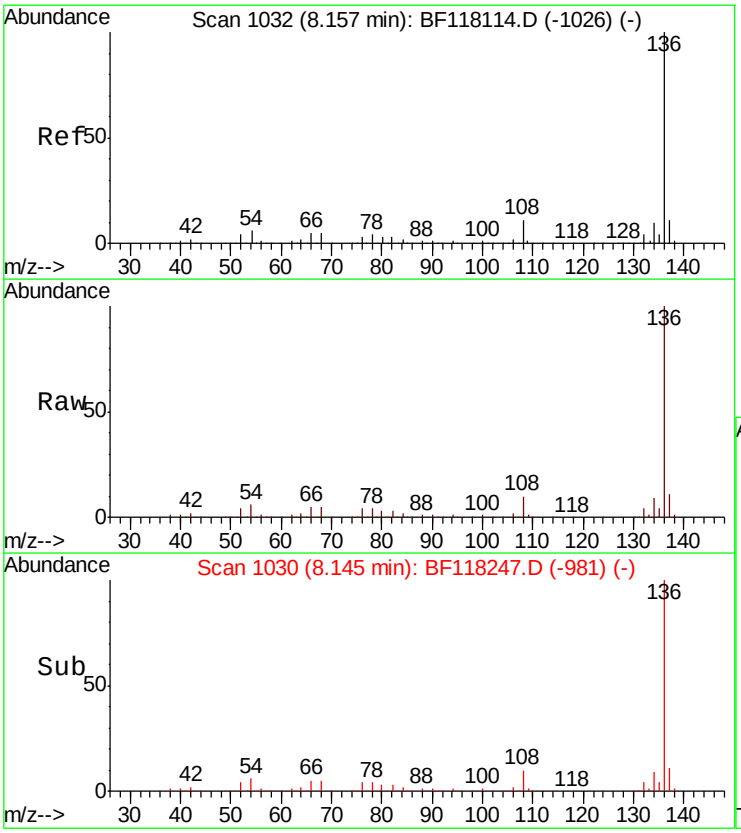
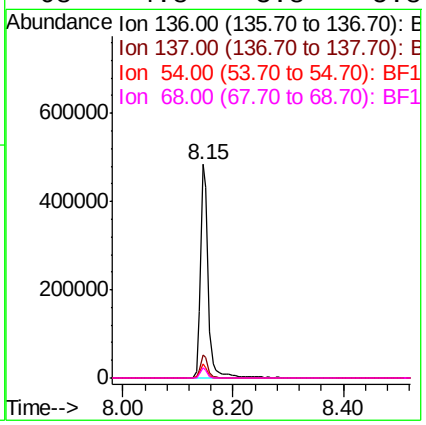
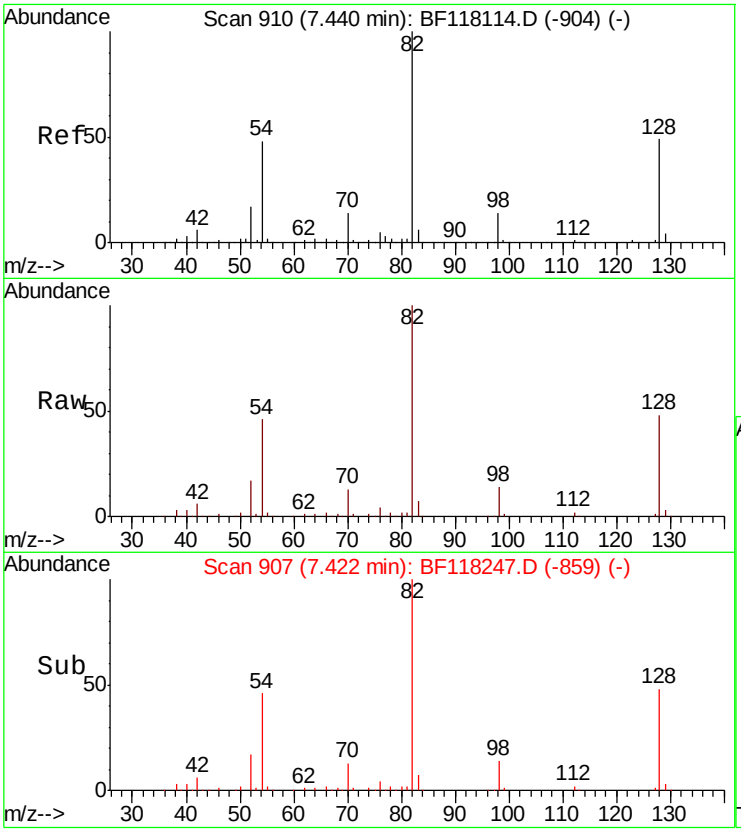


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:136 Resp: 469899

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.3	5.0	7.6
68	4.8	3.8	5.8

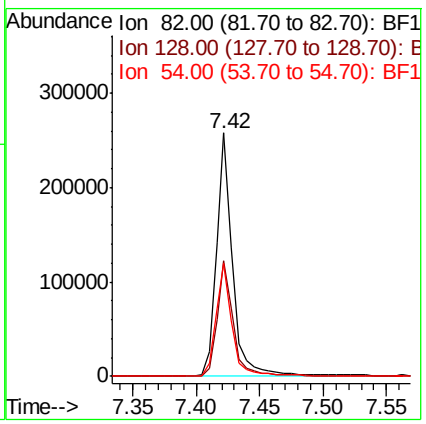




#23
Nitrobenzene-d5
Concen: 27.876 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion: 82 Resp: 232840

Ion	Ratio	Lower	Upper
82	100		
128	47.7	39.1	58.7
54	46.3	38.2	57.2



Instrument :
BNA_F
ClientSampleId :
OK-03-121219

Manual Integrations APPROVED
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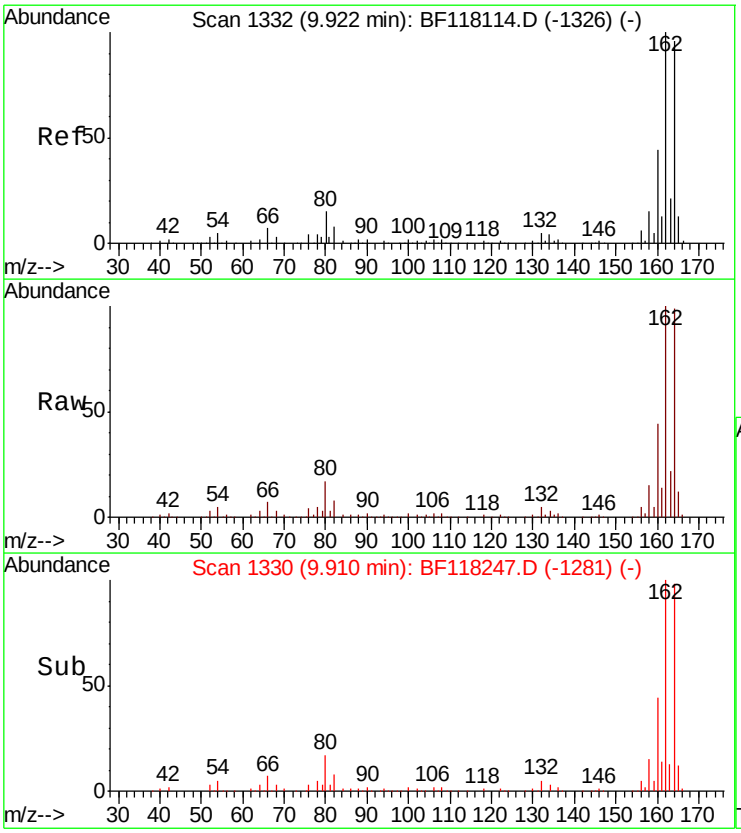
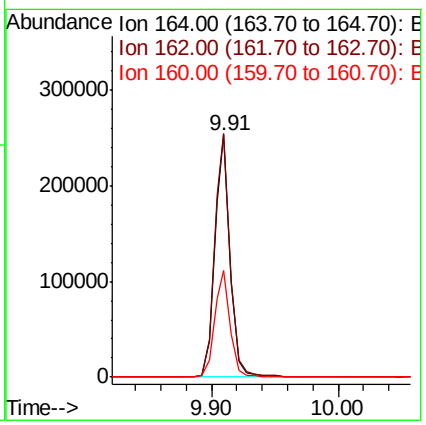
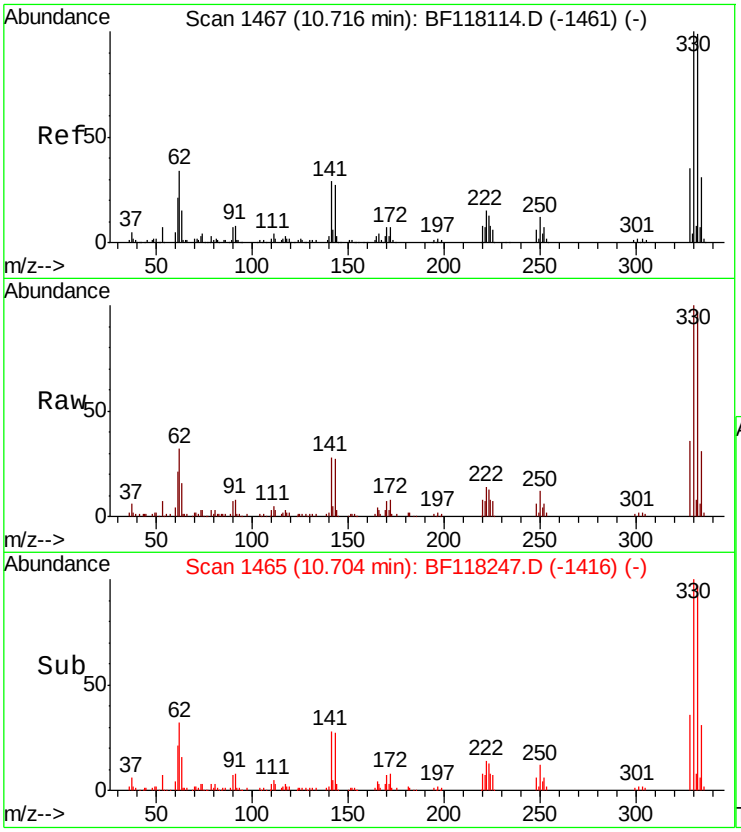


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:164 Resp: 214821

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.4	125.0
160	44.3	36.6	54.8

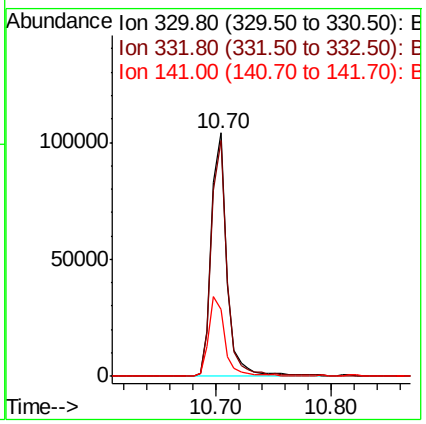




#42
2,4,6-Tribromophenol
Concen: 37.637 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:330 Resp: 98221

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	34.6	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
OK-03-121219

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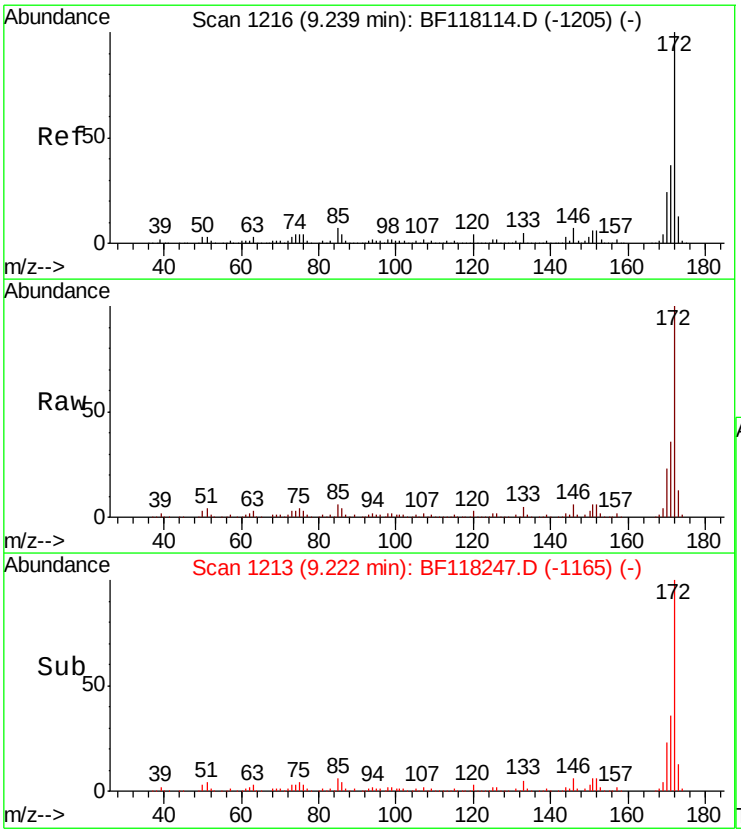
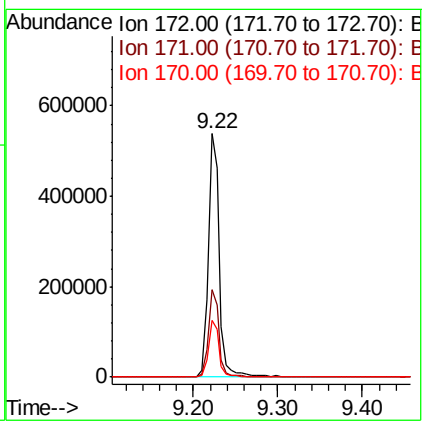
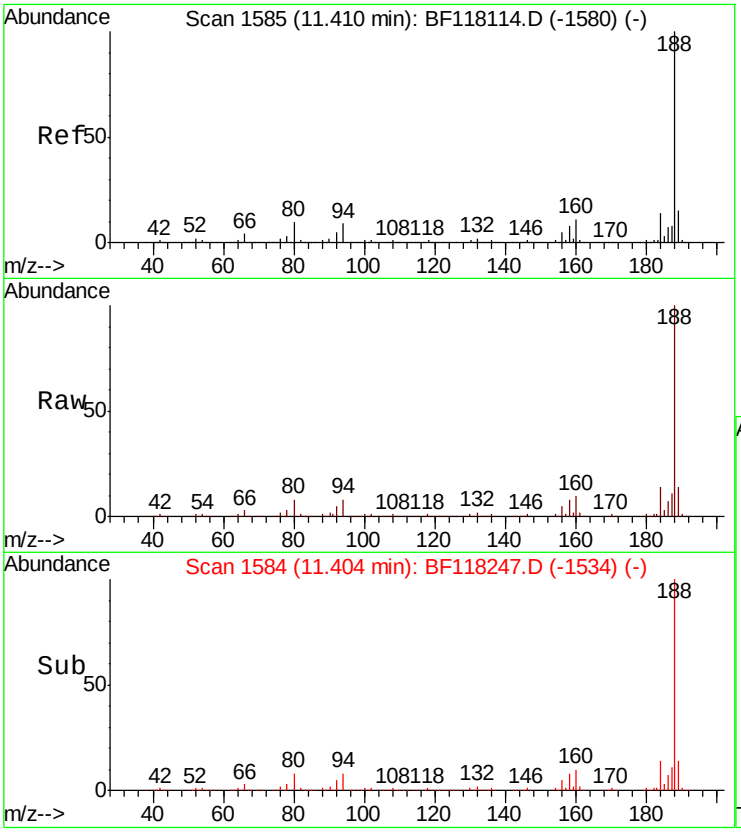


#45
2-Fluorobiphenyl
Concen: 34.987 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:172 Resp: 493935

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.1	19.4	29.2

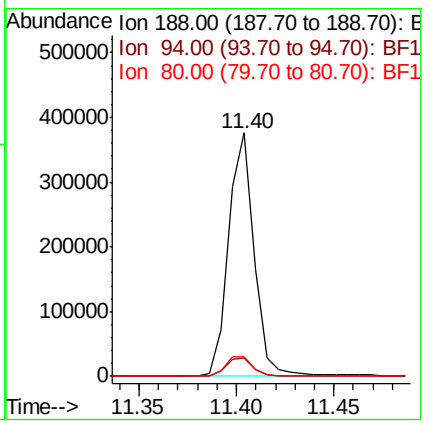




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:188 Resp: 341300

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.1	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
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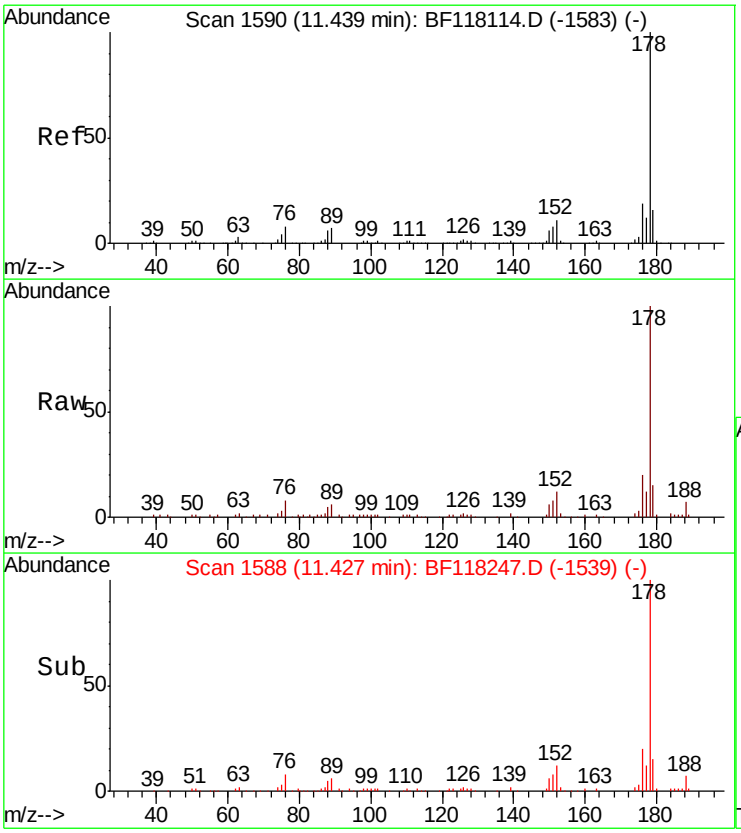
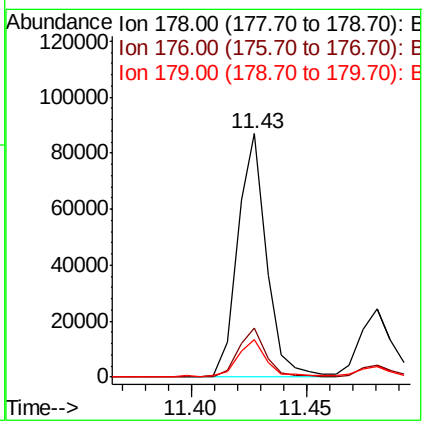
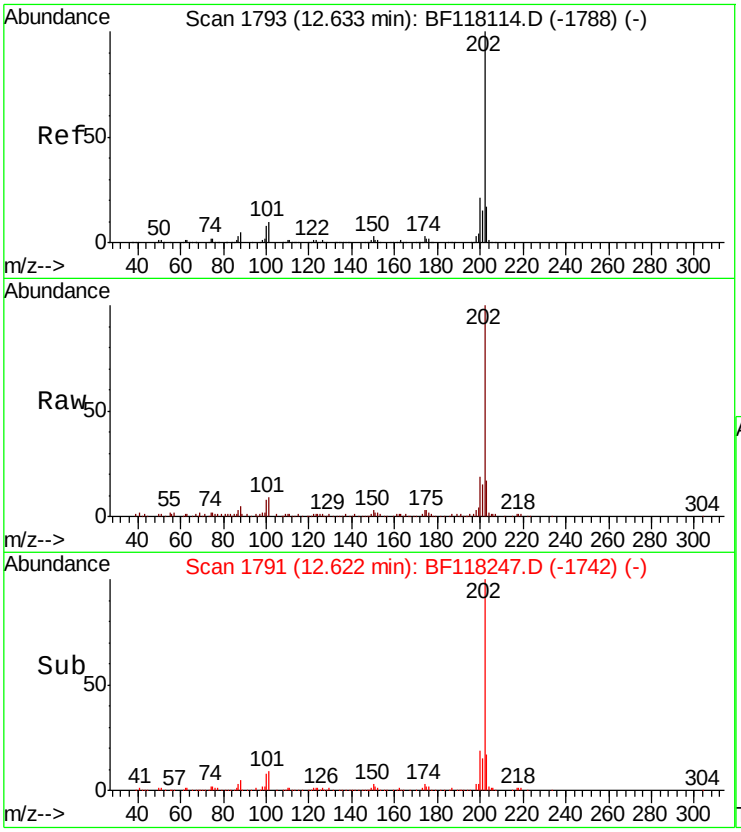


#71
Phenanthrene
Concen: 4.183 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:178 Resp: 75892

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	15.4	12.6	18.8

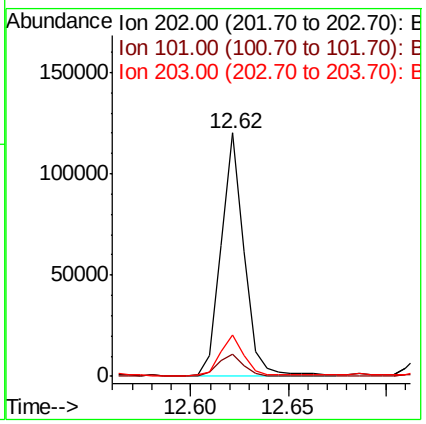




#75
Fluoranthene
Concen: 5.371 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:202 Resp: 99633

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.4
203	17.2	0.0	37.2



Instrument :
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ClientSampleId :
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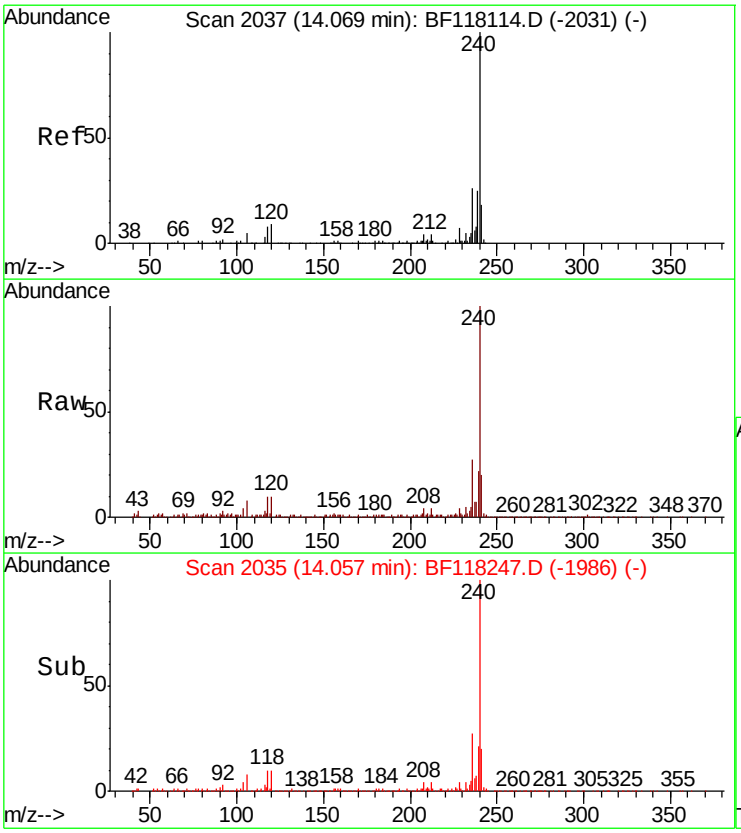
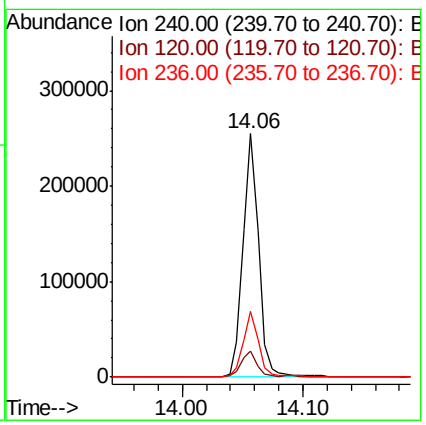
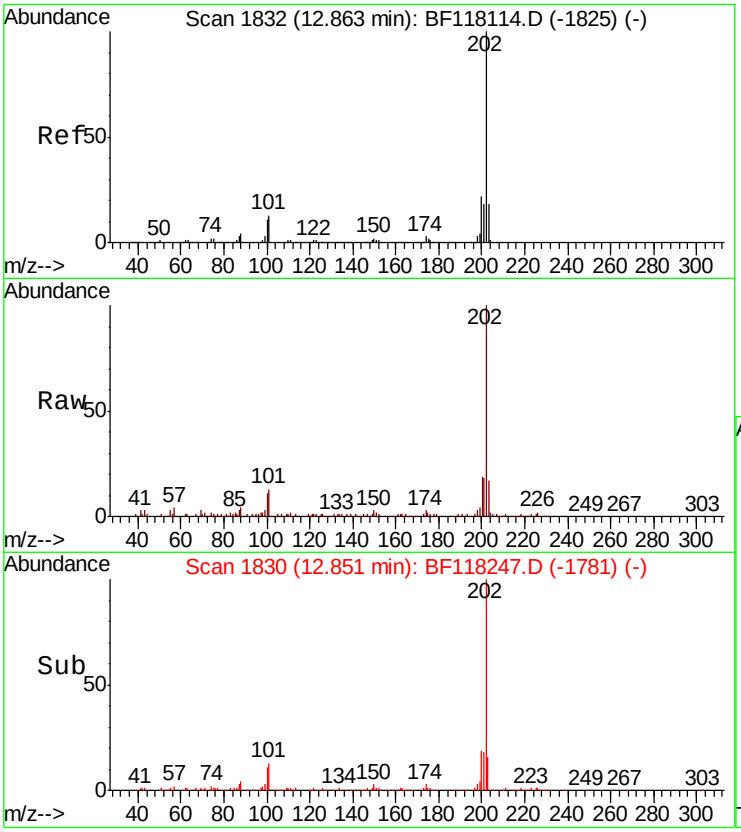


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:240 Resp: 232069

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.1	10.7
236	26.9	21.0	31.6

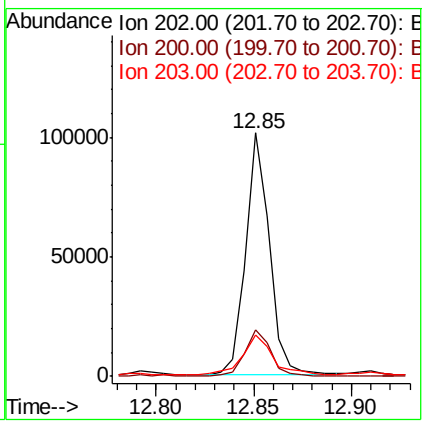




#78
Pyrene
Concen: 4.684 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:202 Resp: 85666

Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.5	26.3
203	16.8	14.6	21.8



Instrument :
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ClientSampleId :
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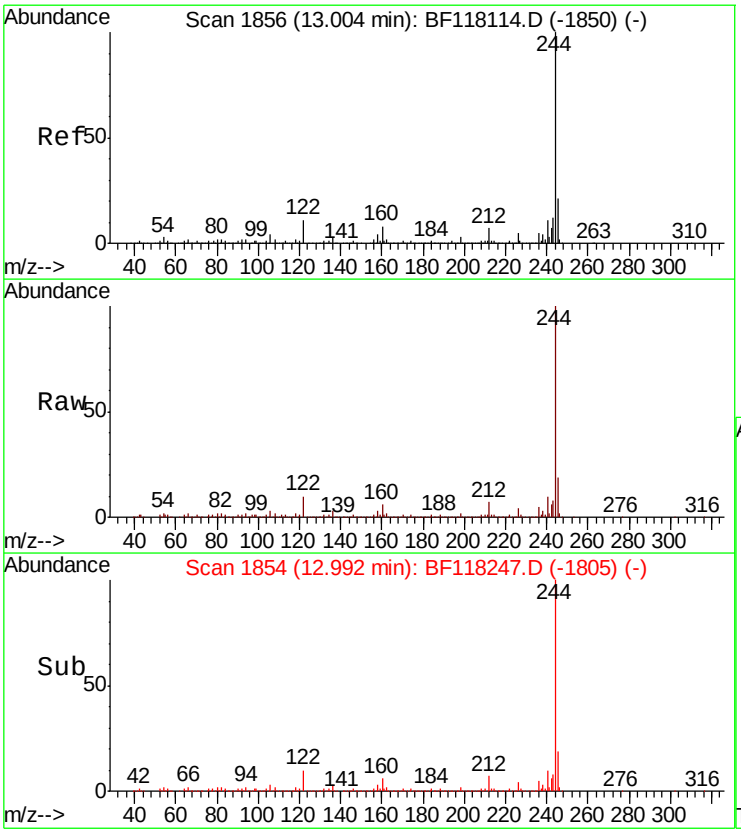
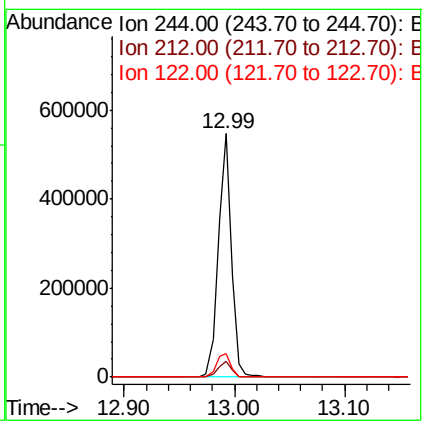
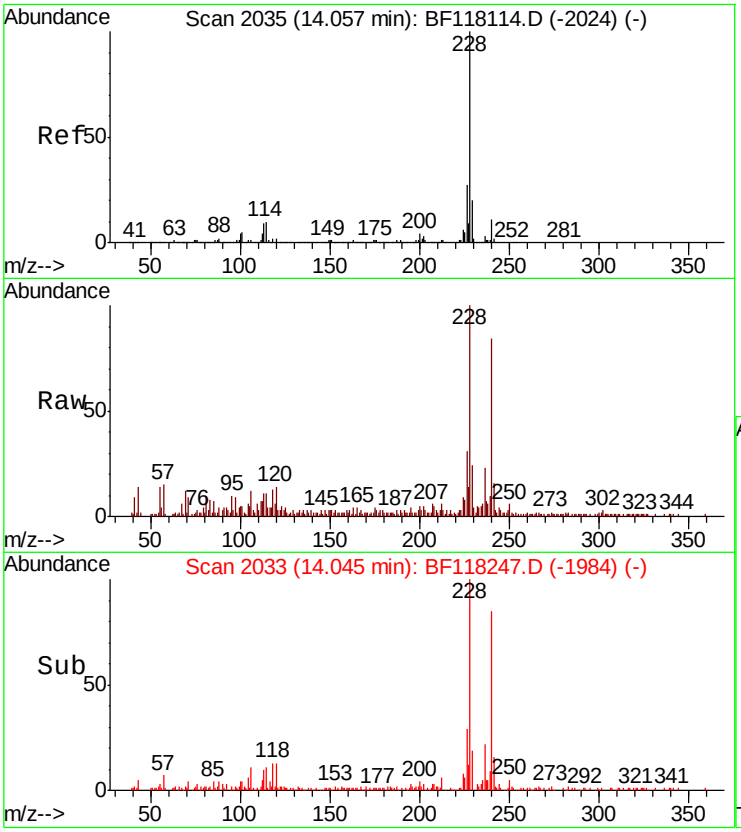


#79
Terphenyl-d14
Concen: 33.401 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:244 Resp: 450758

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	9.6	9.0	13.6

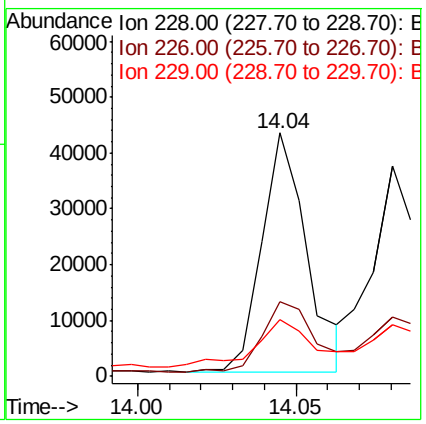




#81
Benzo(a)anthracene
Concen: 2.628 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:228 Resp: 42165

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.8
229	23.5	15.8	23.8



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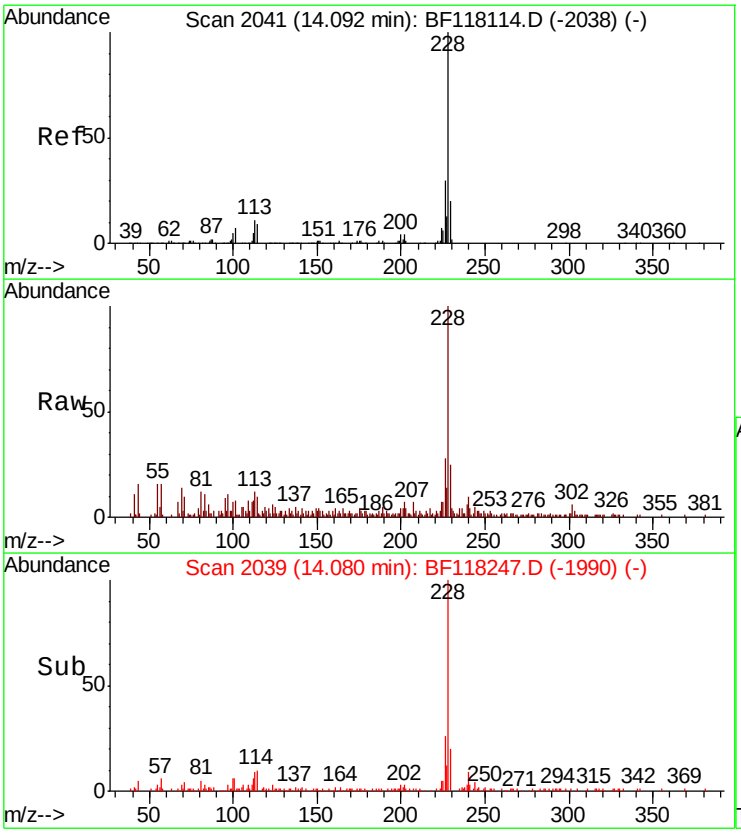
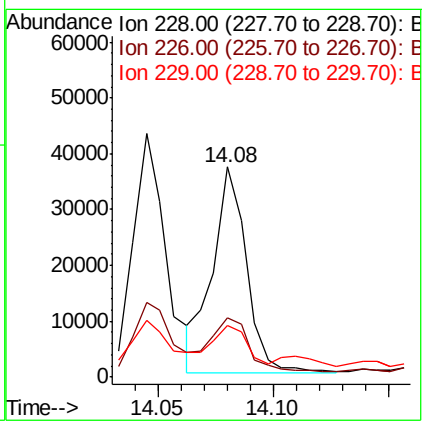
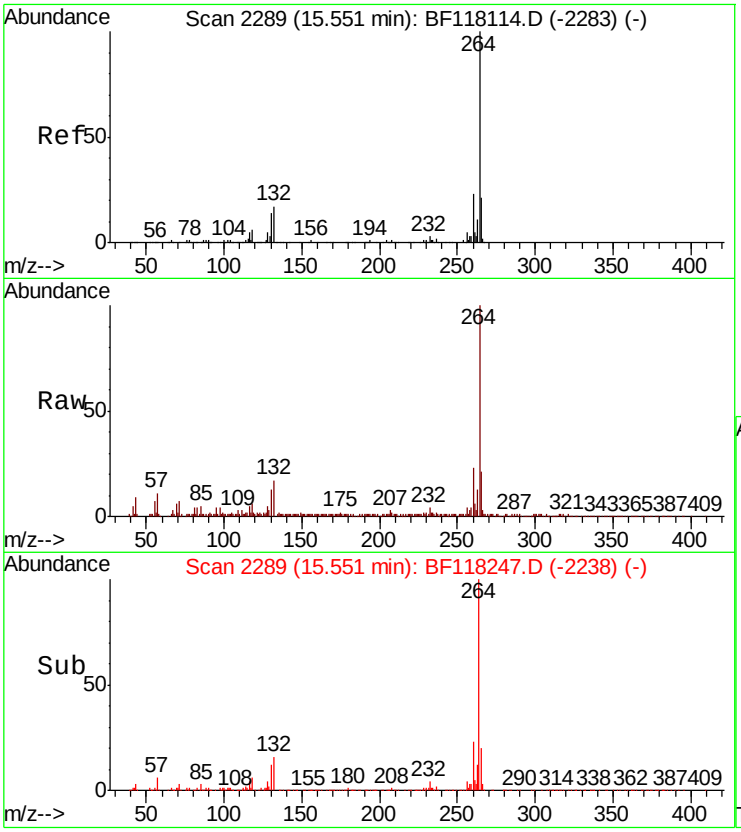


#83
Chrysene
Concen: 2.457 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:228 Resp: 37657

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.8	35.8
229	24.8	15.7	23.5#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:264 Resp: 188326

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	20.5	16.8	25.2

Instrument :
BNA_F
ClientSampleId :
OK-03-121219

Manual Integrations APPROVED
mohammad
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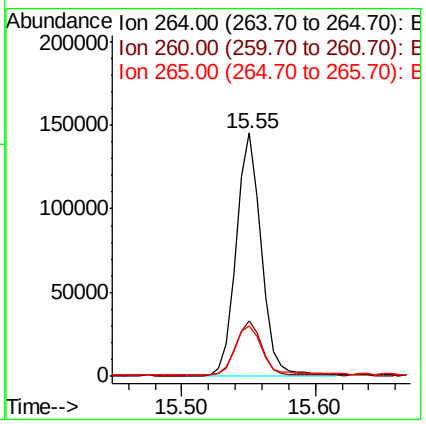
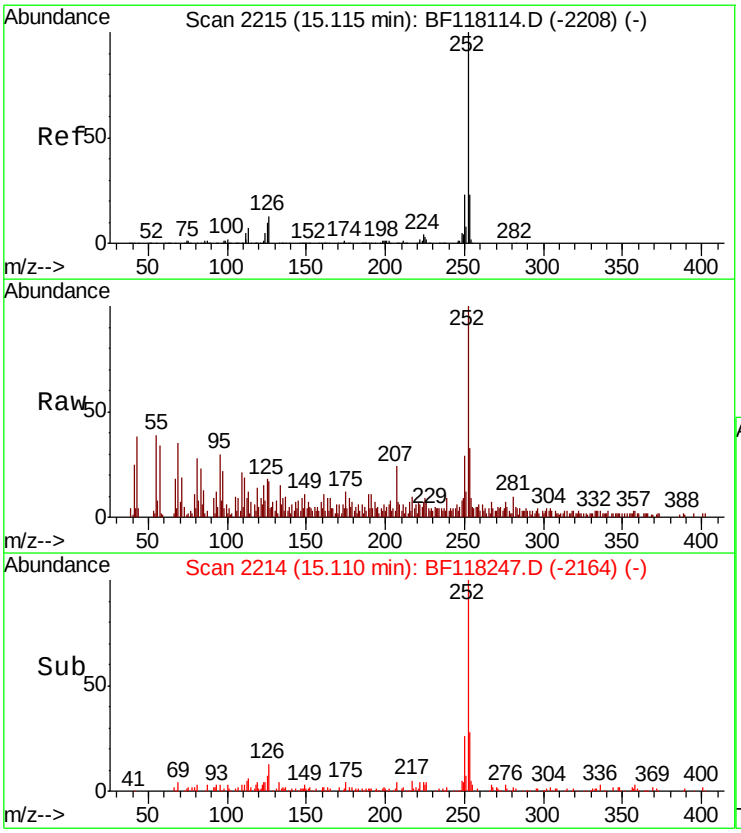
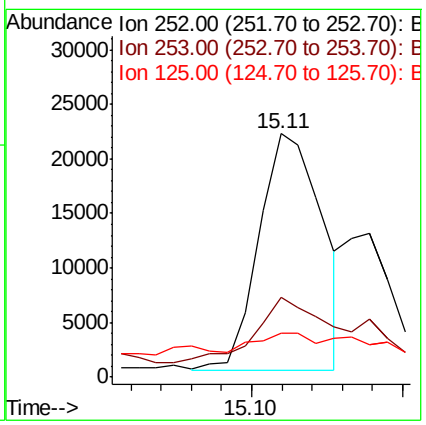


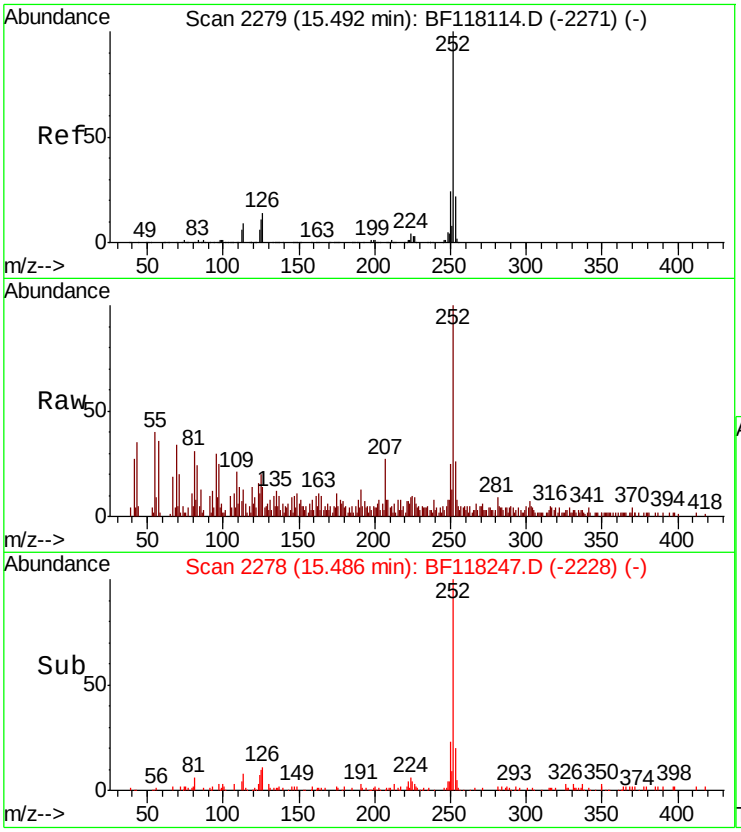


#88
Benzo(b)fluoranthene
Concen: 2.555 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:252 Resp: 31822

Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.2	27.4#
125	17.9	8.3	12.5#

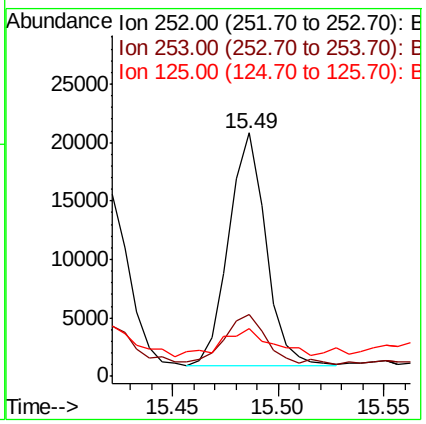




#90
Benzo(a)pyrene
Concen: 2.208 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118247.D
Acq: 18 Dec 2019 1:00

Tgt Ion:252 Resp: 24286

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	19.7	9.1	13.7#



Instrument :
BNA_F
ClientSampleId :
OK-03-121219

Manual Integrations APPROVED
mohammad
12/18/2019 2:41:25 PM