Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114063.D
Acq On : 1 May 2019 12:36
Operator : JU/SJ
Sample : K2194-07RE 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

Manual Integrations APPROVED
Sohil
5/2/2019 4:53:36 PM

Quant Time: May 01 15:09:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	112879	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	427638	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	208927	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	390279	20.00	ng		0.00
76) Chrysene-d12	14.07	240	330176	20.00	ng		0.00
87) Perylene-d12	15.58	264	266201	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	290817	44.06	ng		0.00
7) Phenol-d6	6.52	99	416874	50.35	ng		0.00
23) Nitrobenzene-d5	7.45	82	241332	34.84	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	123668	48.59	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	529848	39.66	ng		0.00
79) Terphenyl-d14	13.01	244	605816	37.62	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.64	163	74757	4.948	ng	#	97
71) Phenanthrene	11.44	178	100769	5.138	ng		99
75) Fluoranthene	12.64	202	133716	6.249	ng		98
78) Pyrene	12.87	202	138827	6.013	ng		97
81) Benzo(a)anthracene	14.06	228	61386	3.156	ng	#	92
83) Chrysene	14.10	228	62585	3.303	ng	#	92
88) Benzo(b)fluoranthene	15.14	252	56883m	3.377	ng		
90) Benzo(a)pyrene	15.52	252	40685	2.793	ng	#	70

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

Quantitation Report (QT Reviewed)

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Data File : BF114063.D
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Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

Manual Integrations APPROVED
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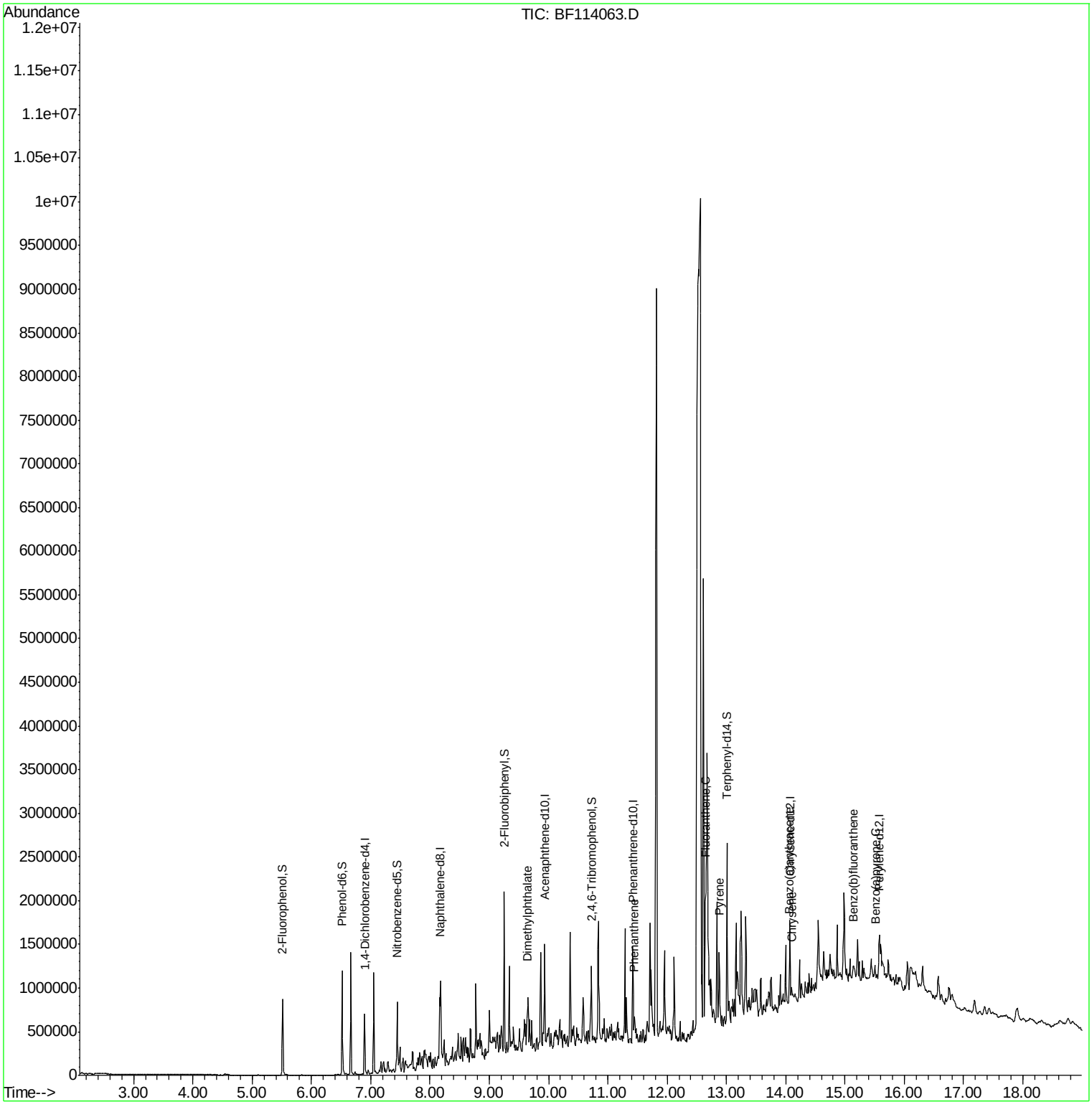
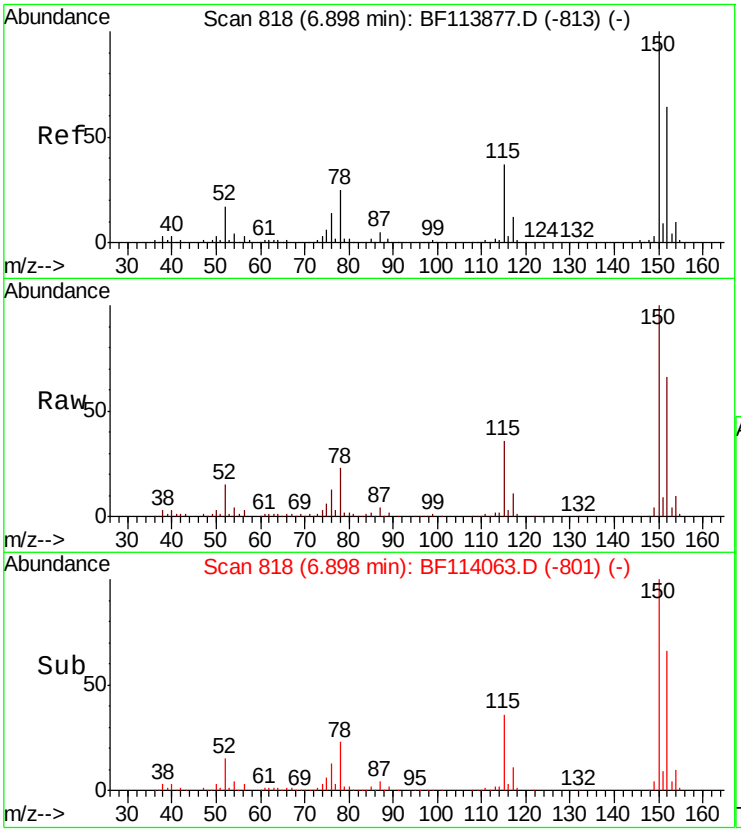
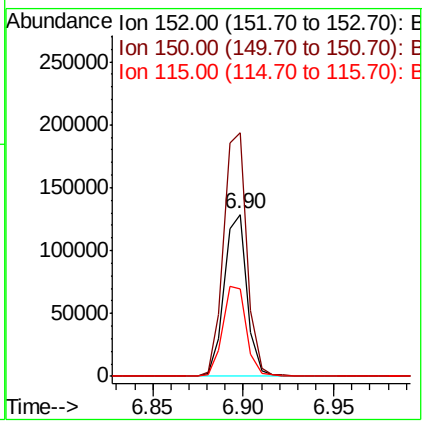




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:152 Resp: 112879

Ion	Ratio	Lower	Upper
152	100		
150	150.6	125.9	188.9
115	54.3	45.9	68.9



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

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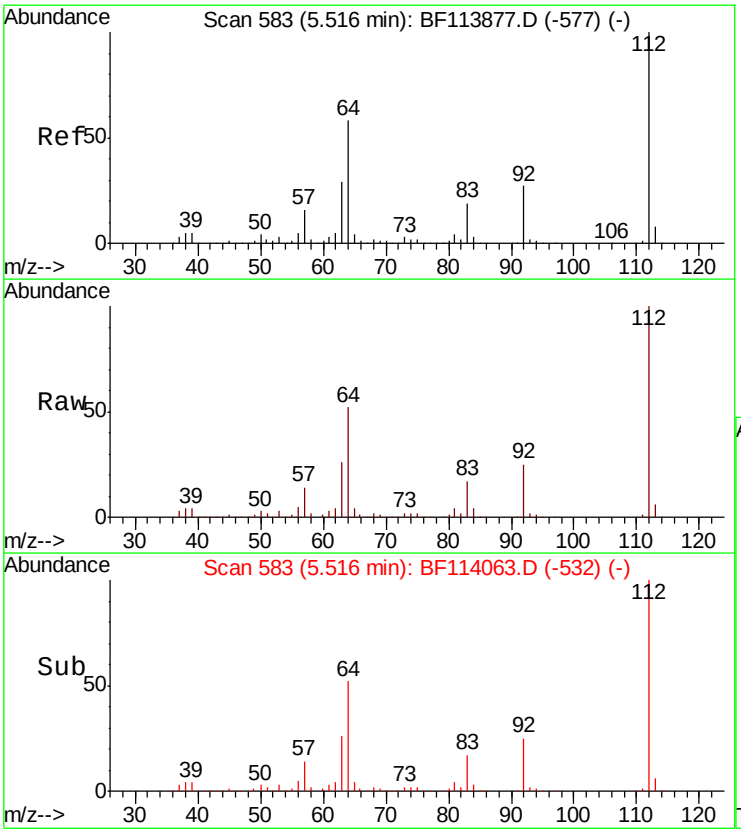
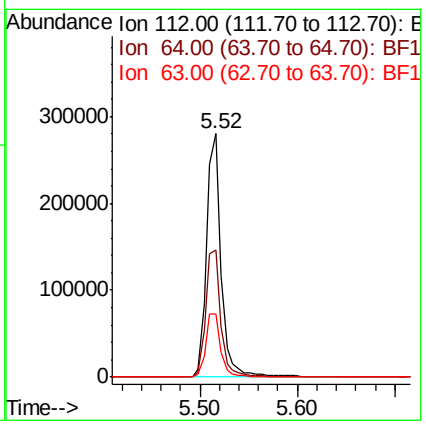
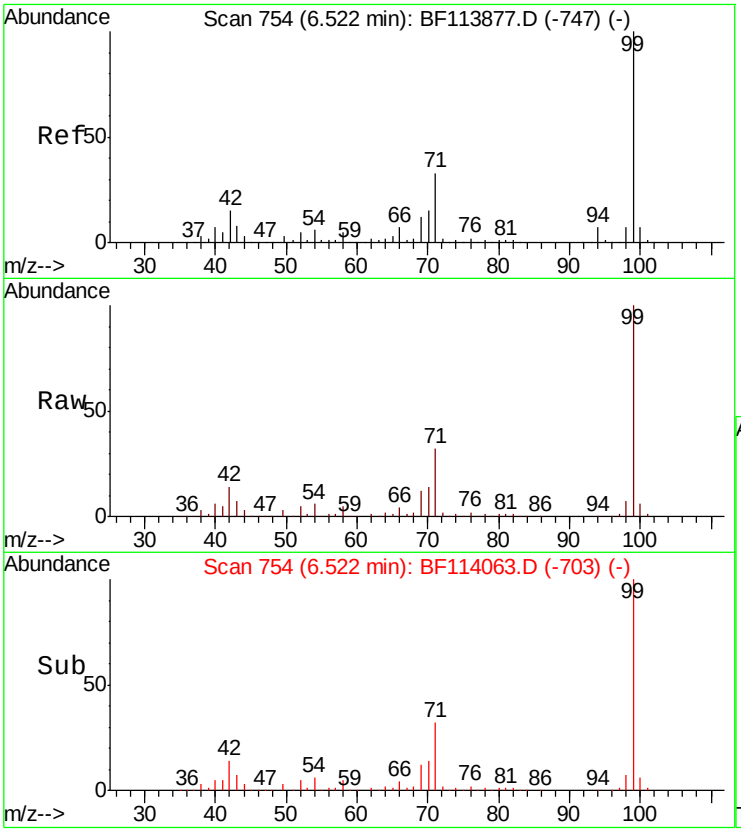


#5
2-Fluorophenol
Concen: 44.065 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:112 Resp: 290817

Ion	Ratio	Lower	Upper
112	100		
64	52.0	46.6	69.8
63	25.8	23.1	34.7

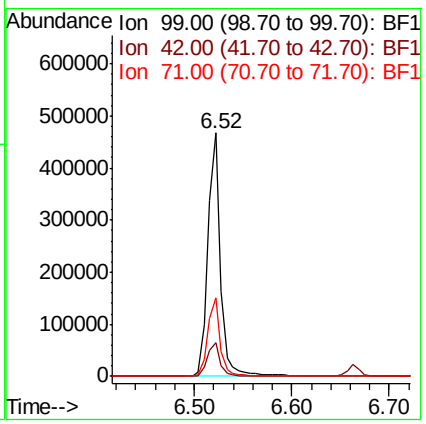




#7
Phenol-d6
Concen: 50.346 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion: 99 Resp: 416874

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.5	18.7
71	32.5	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
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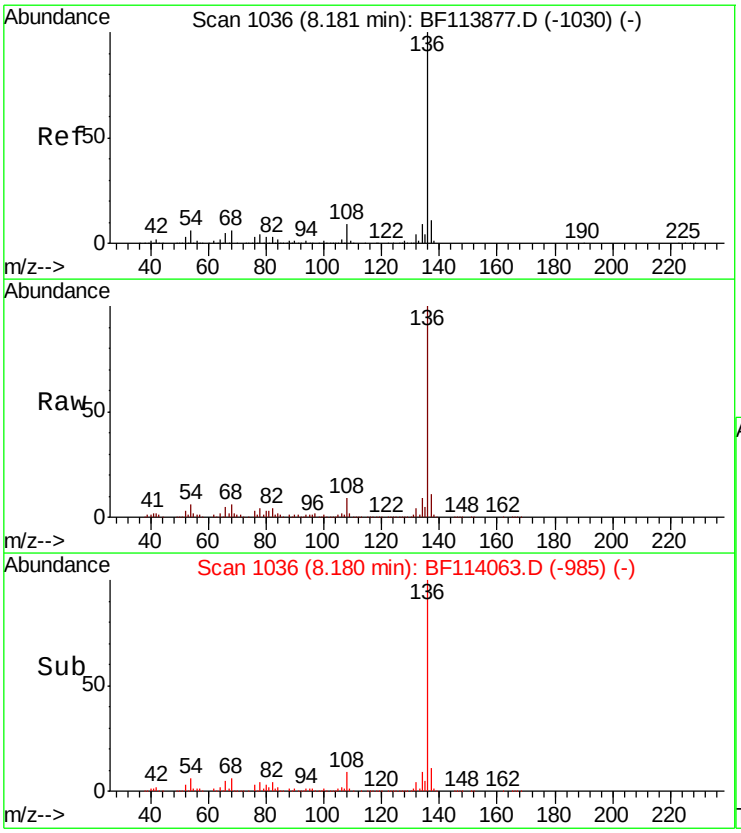
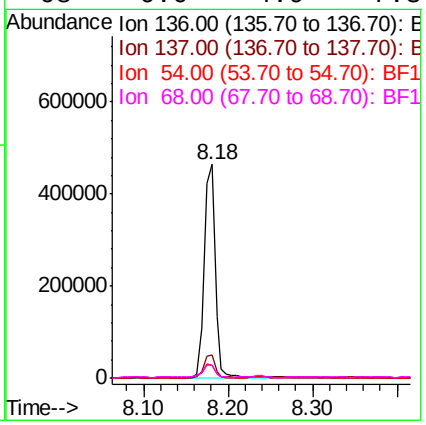
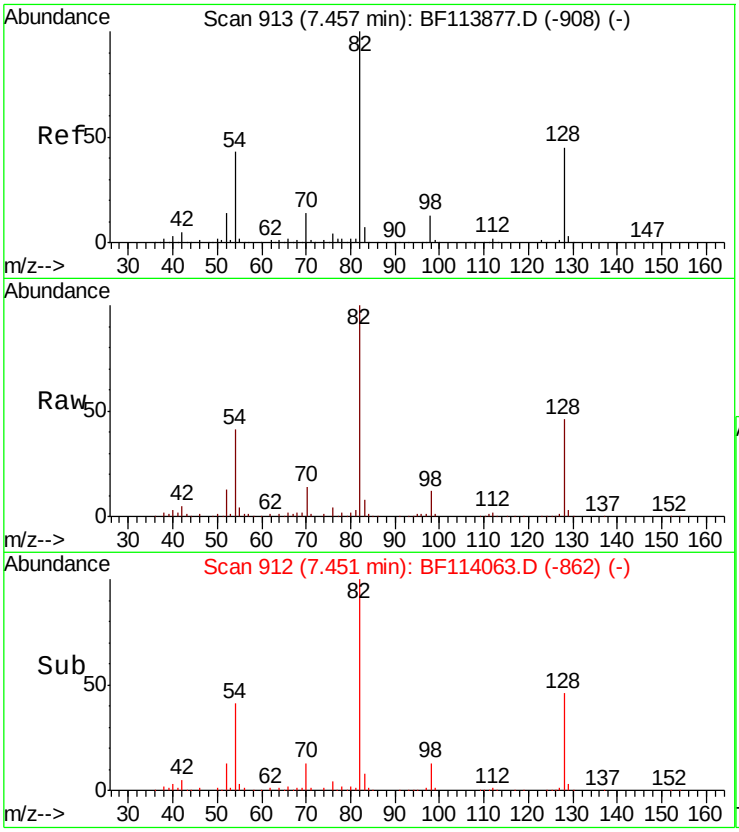


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:136 Resp: 427638

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.1	5.0	7.6
68	6.0	4.9	7.3

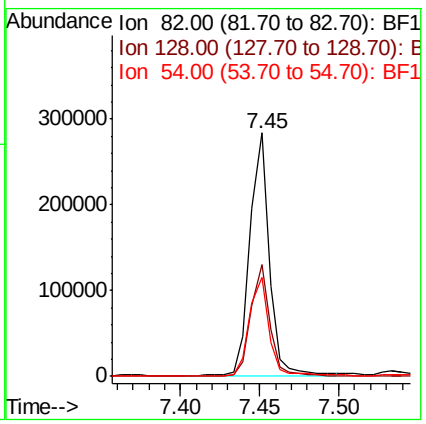




#23
Nitrobenzene-d5
Concen: 34.844 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion: 82 Resp: 241332

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.8	55.2
54	40.7	33.8	50.6



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

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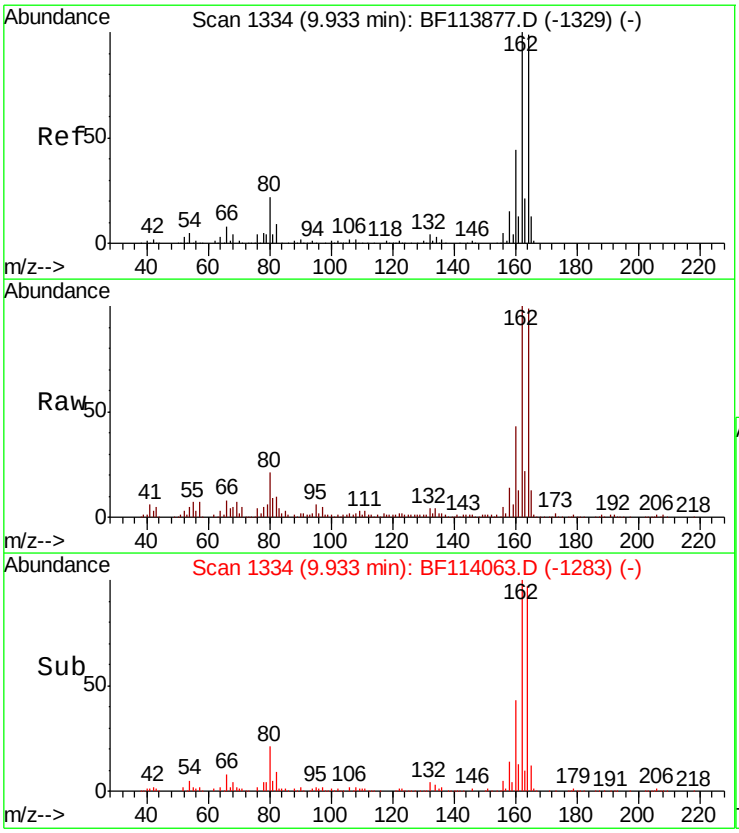
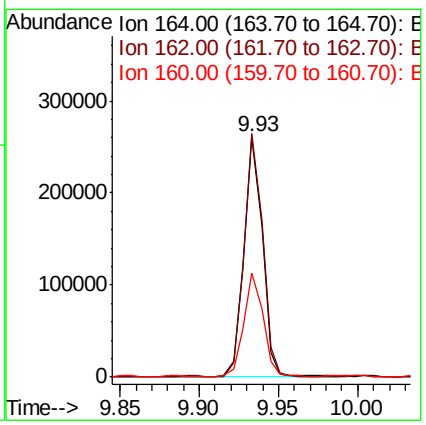
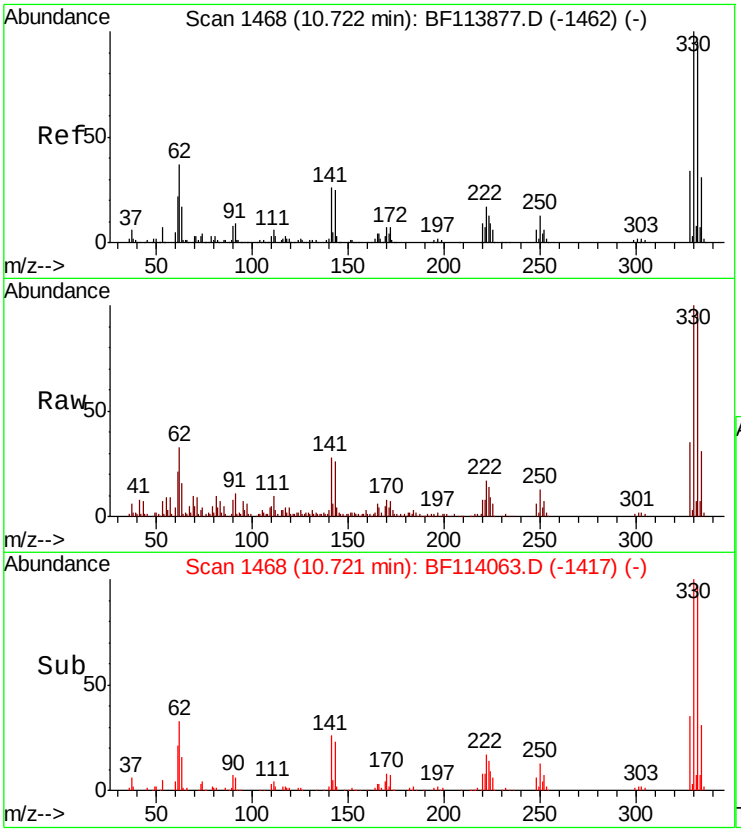


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:164 Resp: 208927

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.1	121.7
160	43.4	35.8	53.6

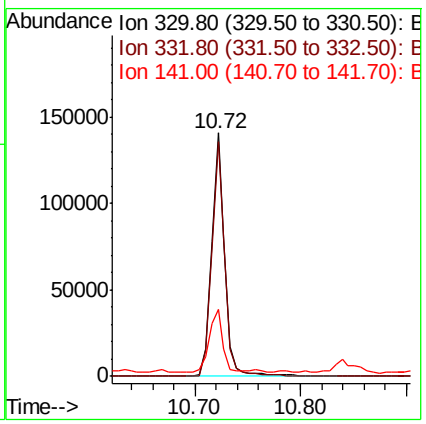




#42
2,4,6-Tribromophenol
Concen: 48.590 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:330 Resp: 123668

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.5	116.3
141	26.8	22.2	33.2



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

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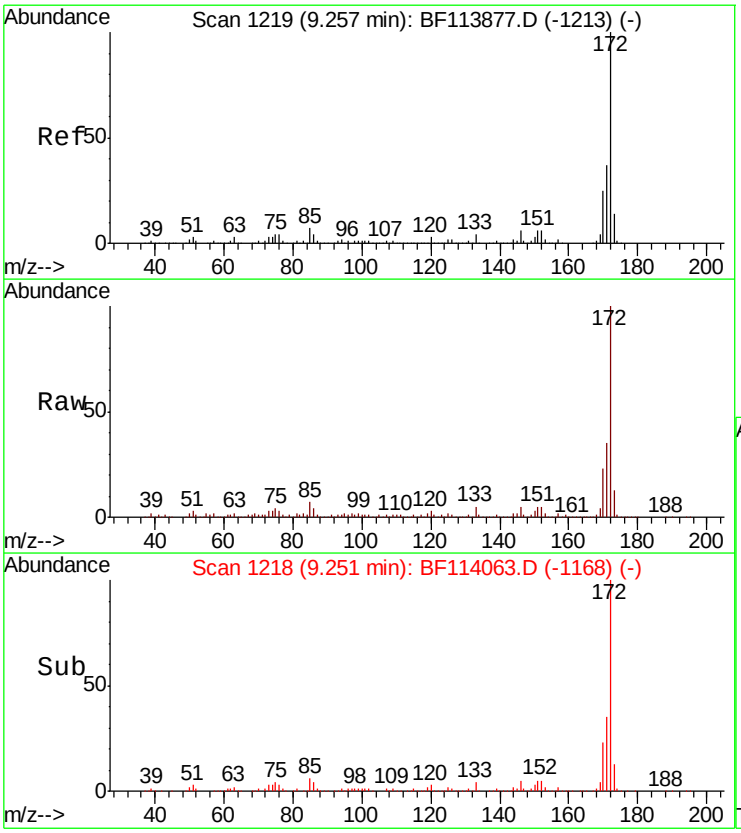
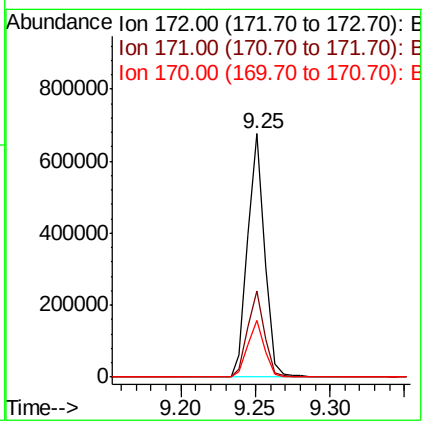
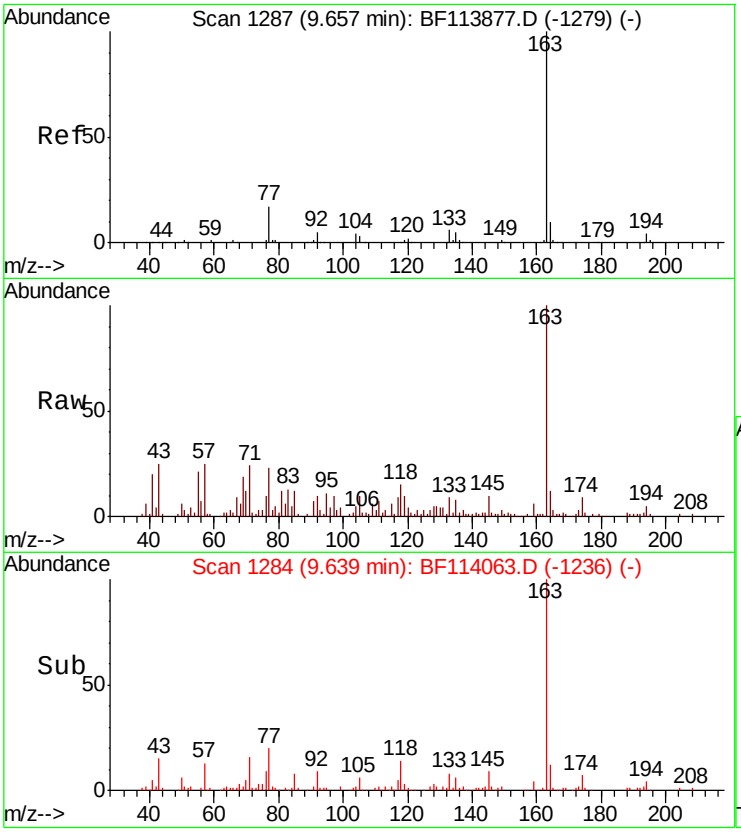


#45
2-Fluorobiphenyl
Concen: 39.664 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:172 Resp: 529848

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.2	19.9	29.9

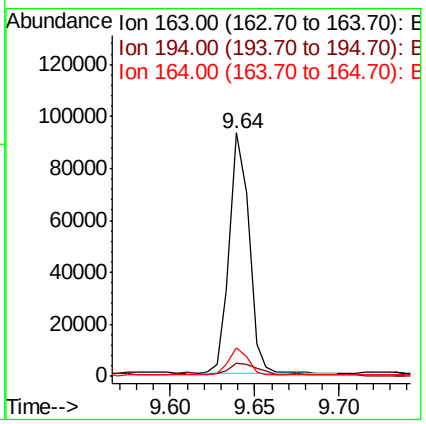




#50
Dimethylphthalate
Concen: 4.948 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:163 Resp: 74757

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	11.8	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
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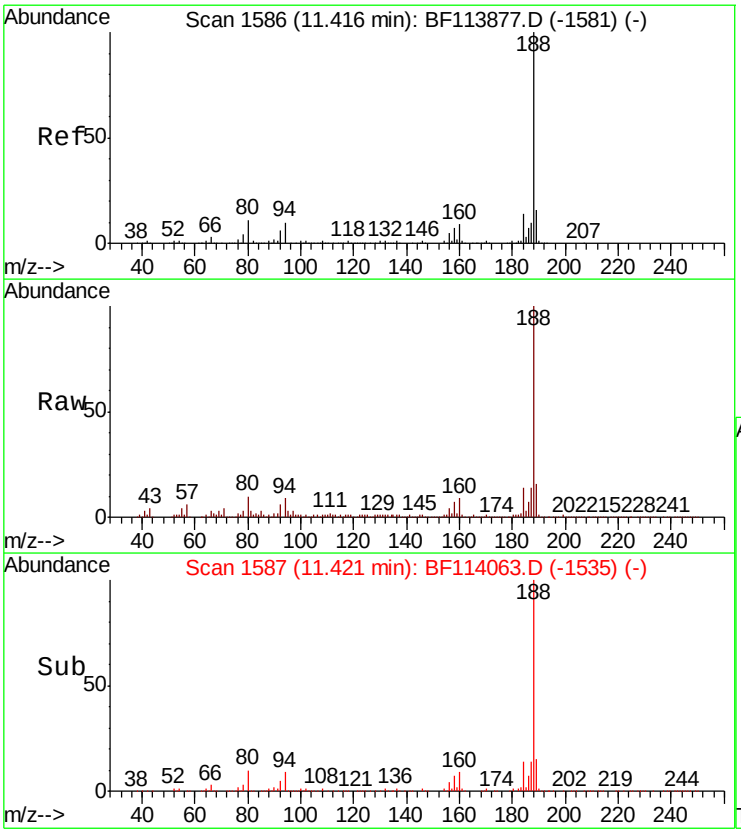
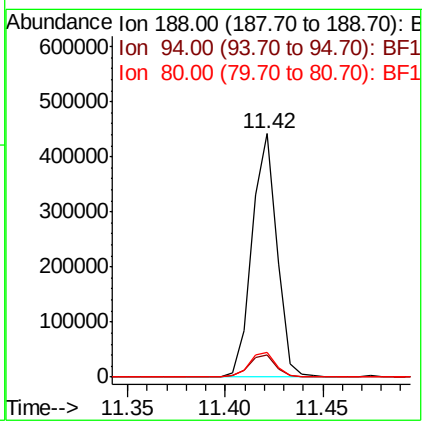
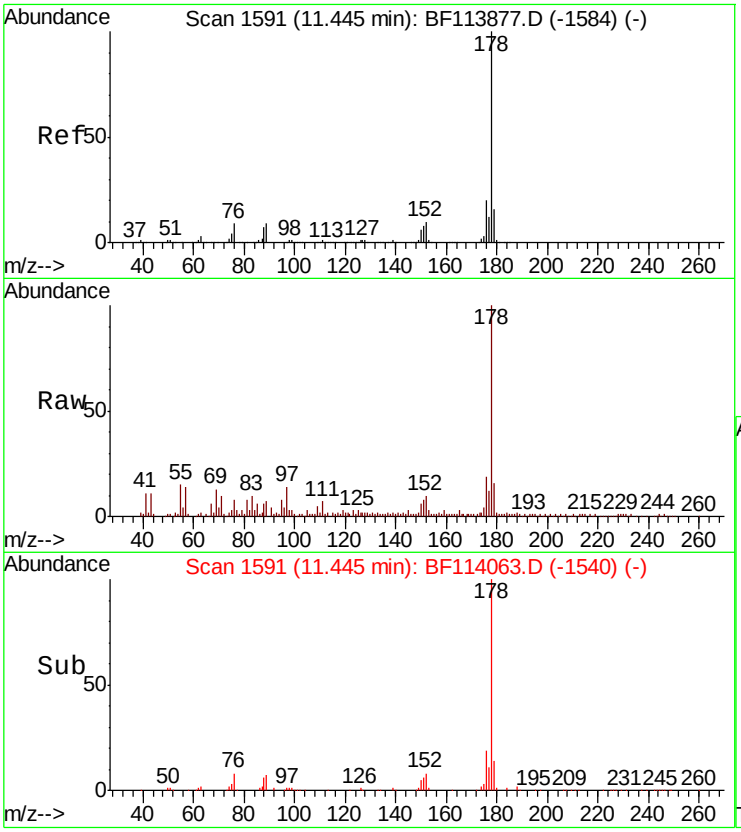


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:188 Resp: 390279

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	9.9	9.0	13.6

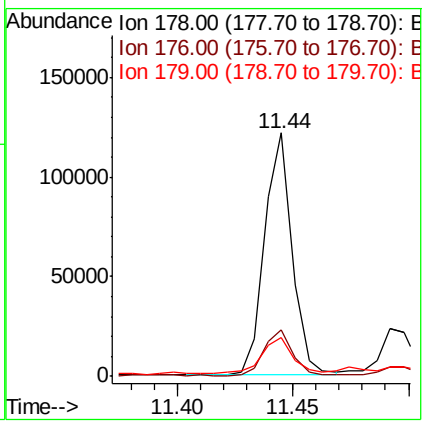




#71
Phenanthrene
Concen: 5.138 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:178 Resp: 100769

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	16.2	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

Manual Integrations APPROVED
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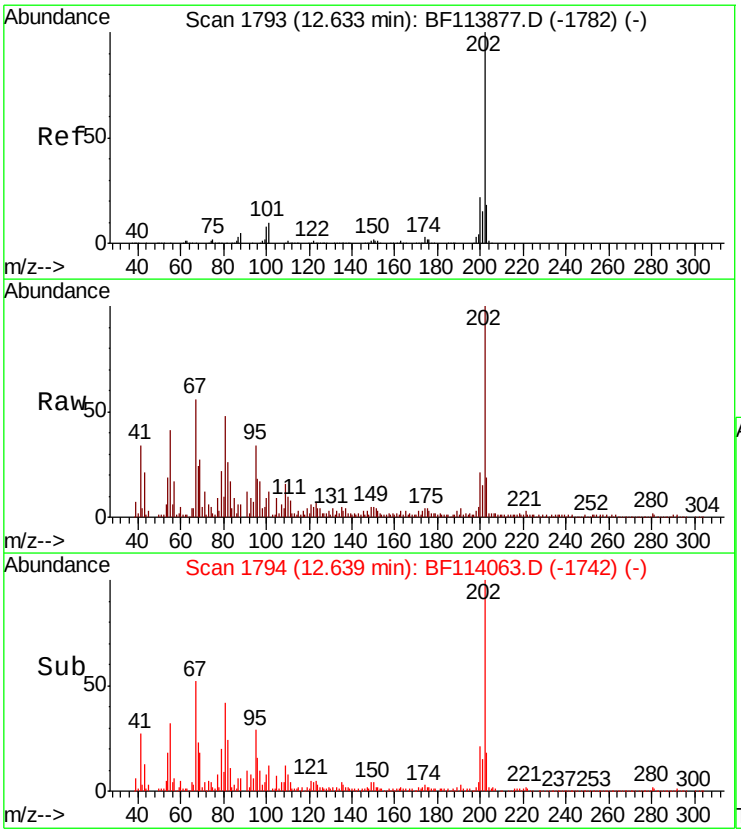
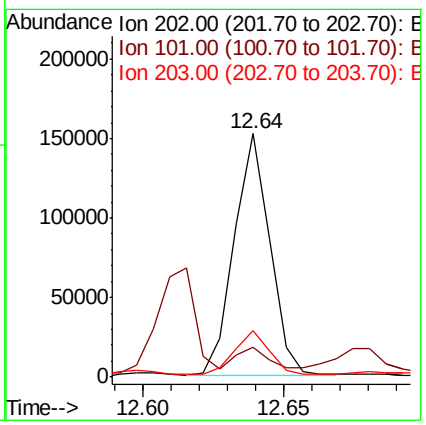
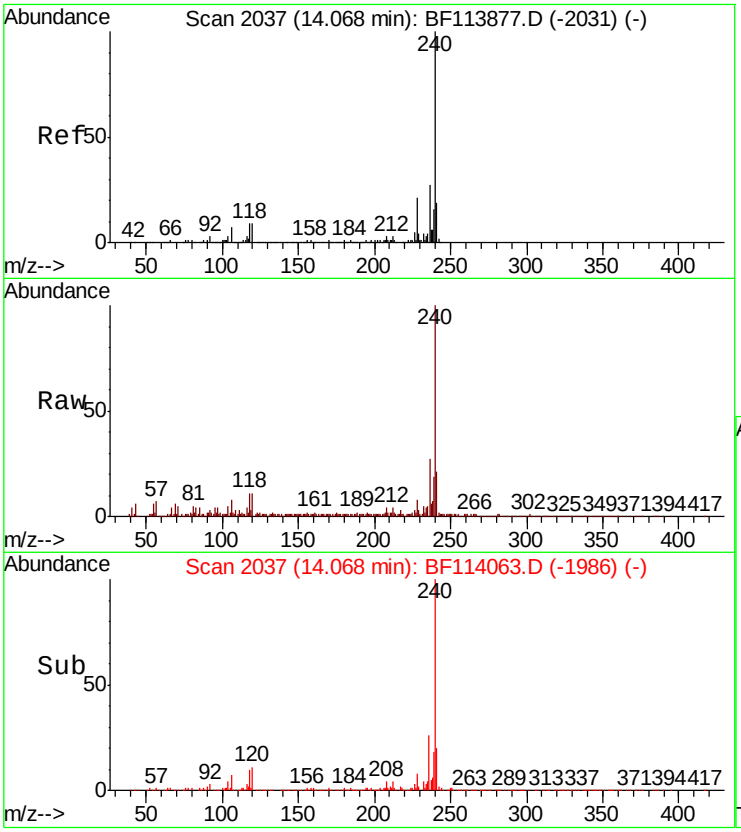


#75
Fluoranthene
Concen: 6.249 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:202 Resp: 133716

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.9
203	19.0	0.0	38.2

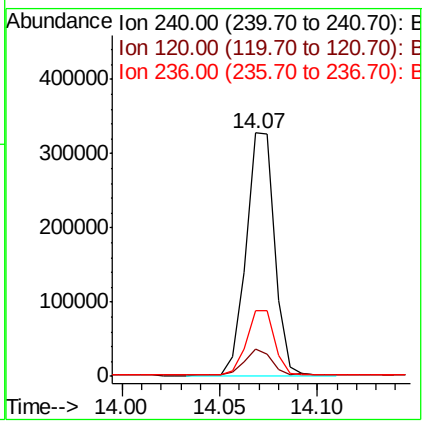




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:240 Resp: 330176

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.3	13.9
236	26.9	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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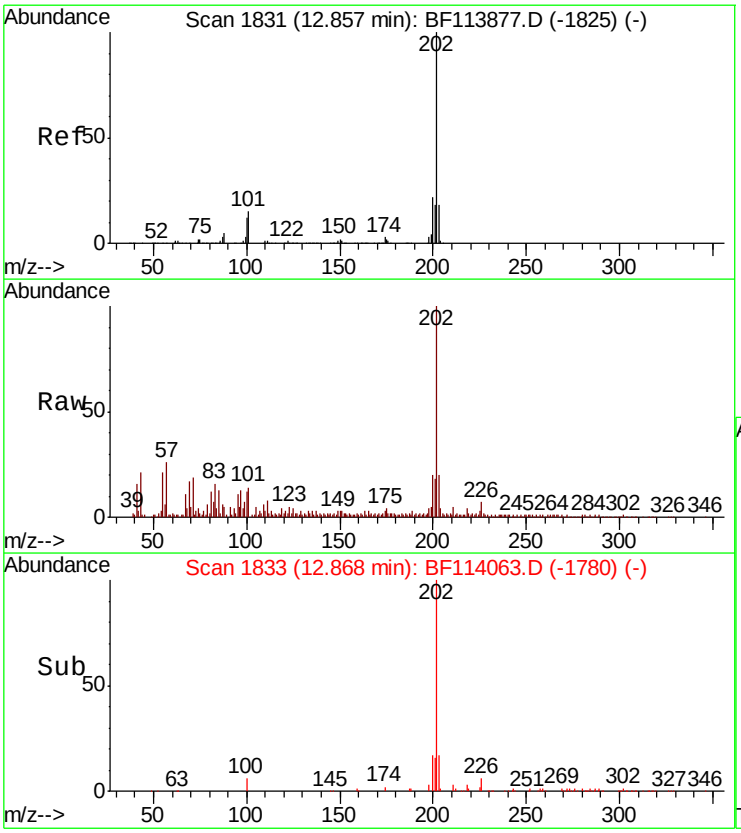
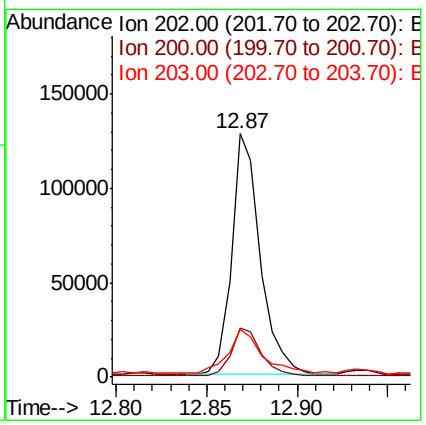
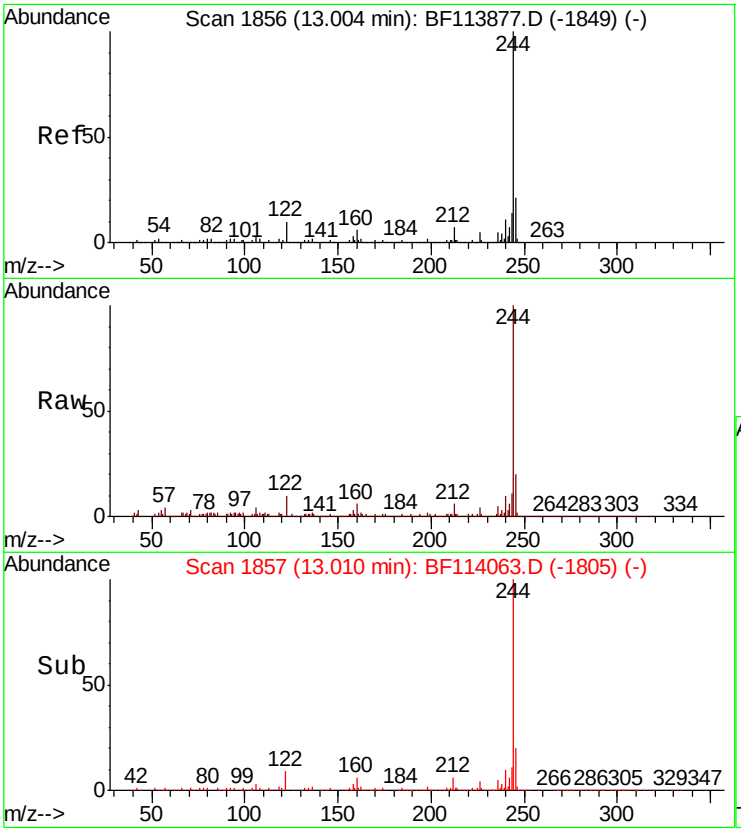


#78
Pyrene
Concen: 6.013 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:202 Resp: 138827

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	19.5	15.0	22.6

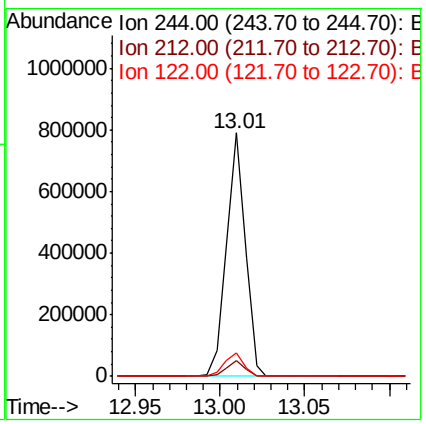




#79
Terphenyl-d14
Concen: 37.616 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:244 Resp: 605816

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	9.8	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

Manual Integrations APPROVED
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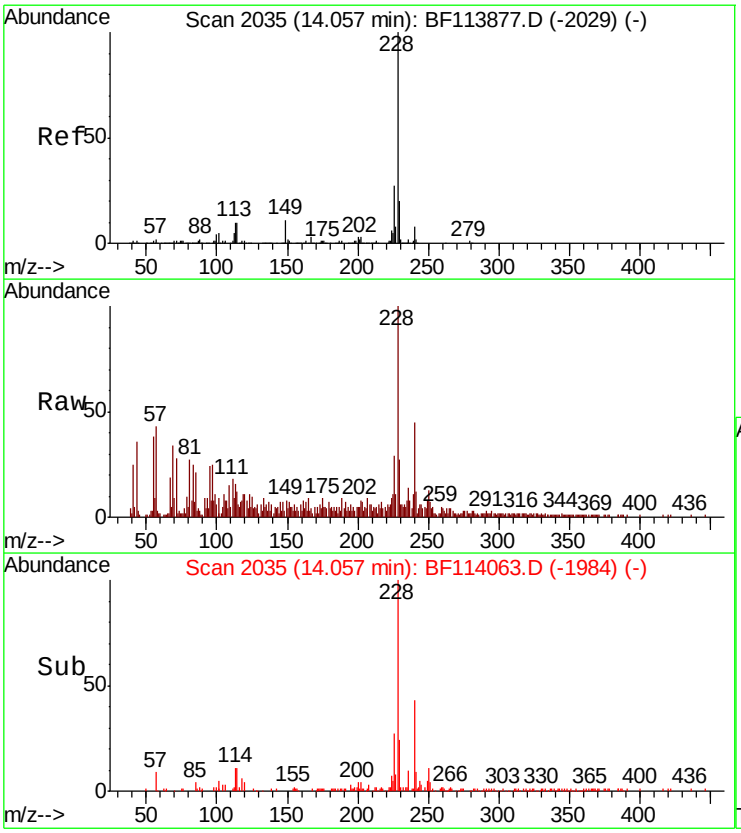
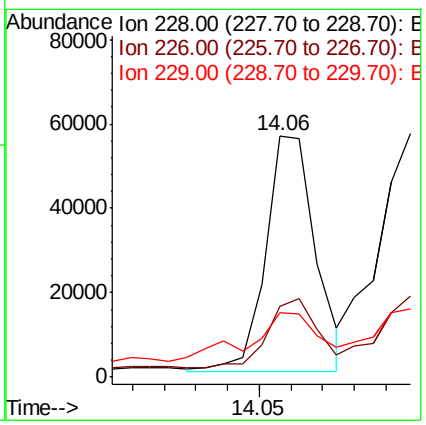
5/2/2019 4:53:36 PM

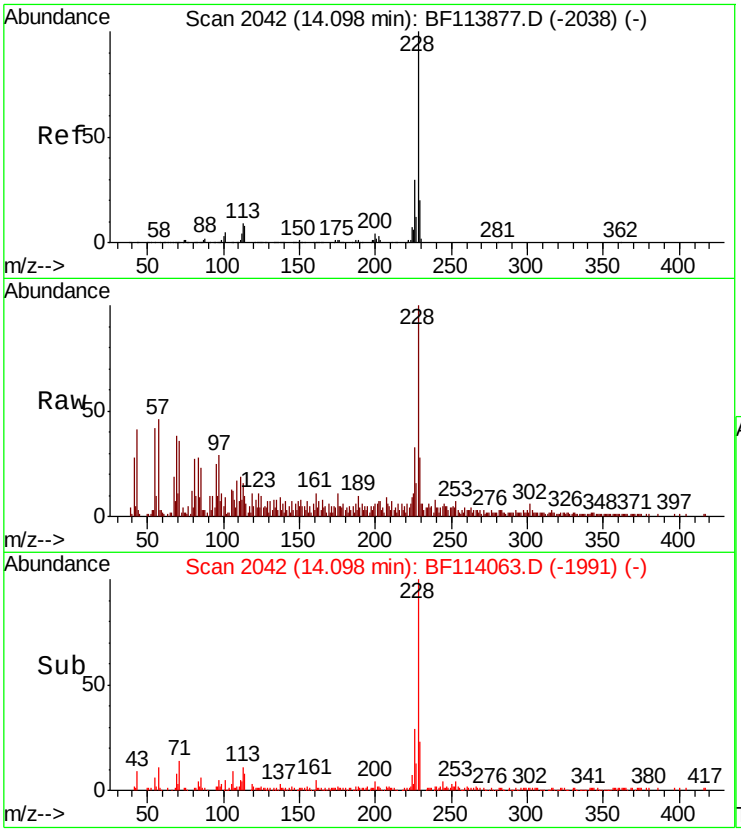


#81
Benzo(a)anthracene
Concen: 3.156 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:228 Resp: 61386

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.2
229	26.6	16.0	24.0#





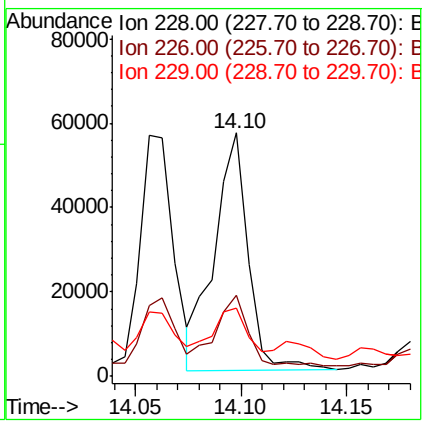
#83
Chrysene
Concen: 3.303 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

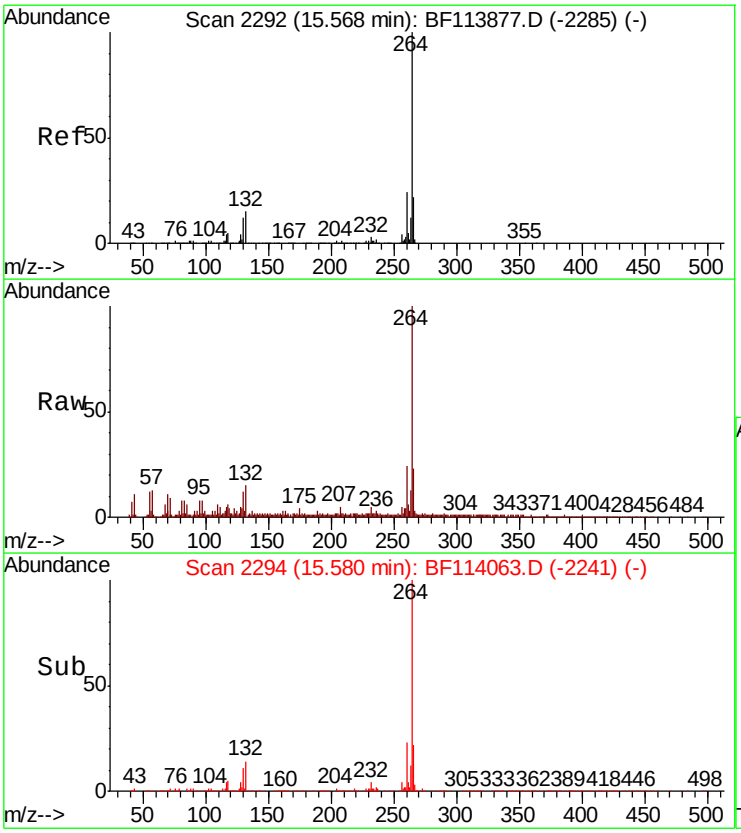
Tgt Ion:228 Resp: 62585

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.2	37.8
229	28.2	16.7	25.1#

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

Manual Integrations APPROVED
Sohil
5/2/2019 4:53:36 PM

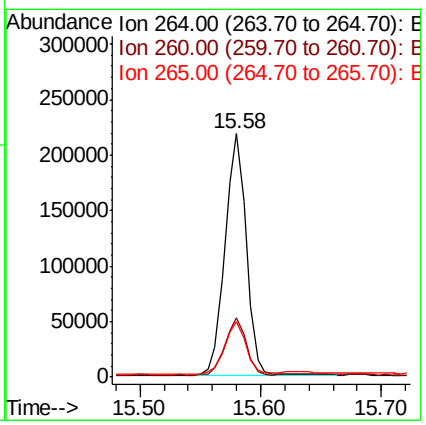


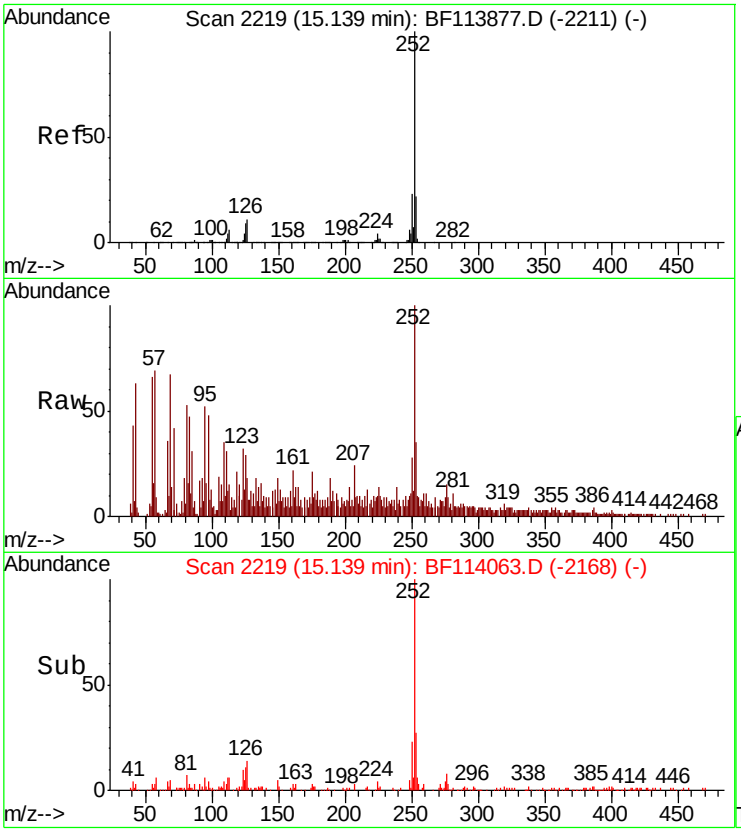


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:264 Resp: 266201

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	23.0	17.3	25.9





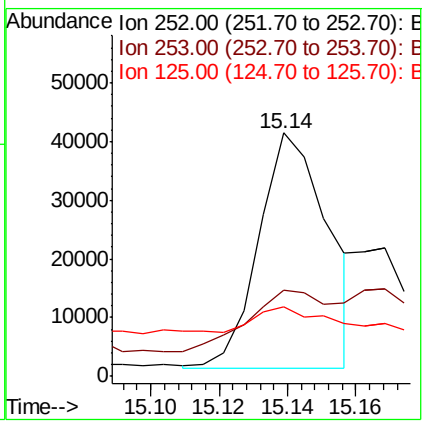
#88
Benzo(b)fluoranthene
Concen: 3.377 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

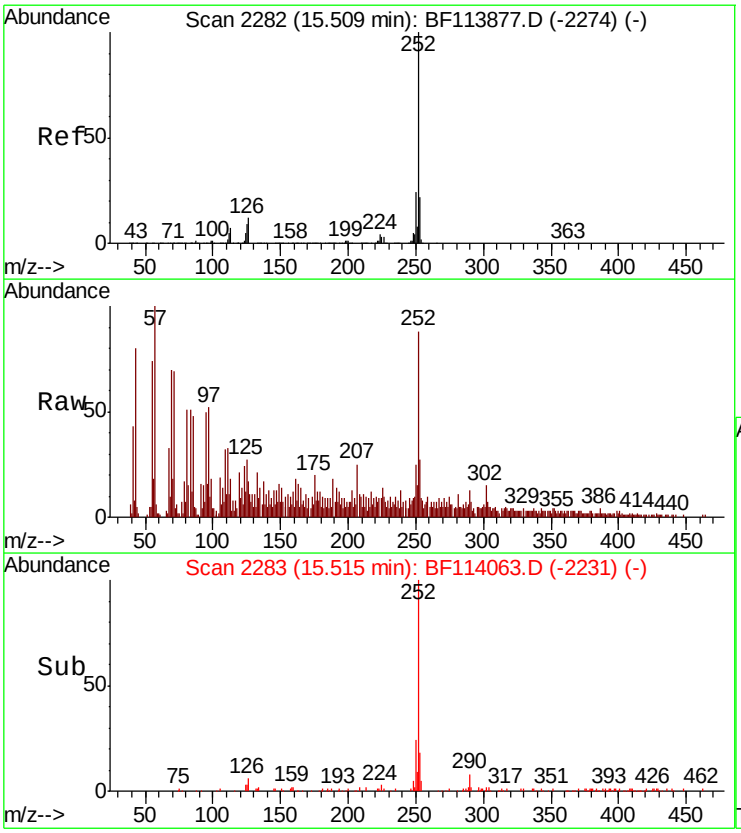
Tgt Ion:252 Resp: 56883

Ion	Ratio	Lower	Upper
252	100		
253	35.2	17.8	26.6#
125	28.5	7.0	10.6#

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-DRE

Manual Integrations APPROVED
Sohil
5/2/2019 4:53:36 PM





#90
Benzo(a)pyrene
Concen: 2.793 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF114063.D
Acq: 1 May 2019 12:36

Tgt Ion:252 Resp: 40685

Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.5	26.3#
125	30.3	8.5	12.7#