Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118389.D
Acq On : 30 Dec 2019 19:05
Operator : JU
Sample : K6442-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K615-WC-1

Manual Integrations APPROVED
mohammad
12/31/2019 12:04:17 PM

Quant Time: Dec 31 01:36:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125640	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	488819	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	266454	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	489724	20.00	ng		0.00
76) Chrysene-d12	14.05	240	304926	20.00	ng		0.00
87) Perylene-d12	15.54	264	328807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	689752	93.71	ng		0.00
7) Phenol-d6	6.49	99	875268	95.86	ng		0.00
23) Nitrobenzene-d5	7.42	82	526026	61.55	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	313030	95.13	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1146306	65.67	ng		0.00
79) Terphenyl-d14	12.99	244	1297608	70.60	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.62	163	90424	4.521	ng		99
71) Phenanthrene	11.42	178	74612	2.795	ng		98
75) Fluoranthene	12.62	202	101211	3.756	ng		99
78) Pyrene	12.84	202	89180	3.581	ng		99
81) Benzo(a)anthracene	14.04	228	44642	2.092	ng		98
88) Benzo(b)fluoranthene	15.10	252	48803m	2.236	ng		
90) Benzo(a)pyrene	15.48	252	40799	2.122	ng		94
92) Benzo(g,h,i)perylene	17.51	276	35335	2.192	ng	#	94

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

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Instrument :
BNA_F
ClientSampleId :
K615-WC-1

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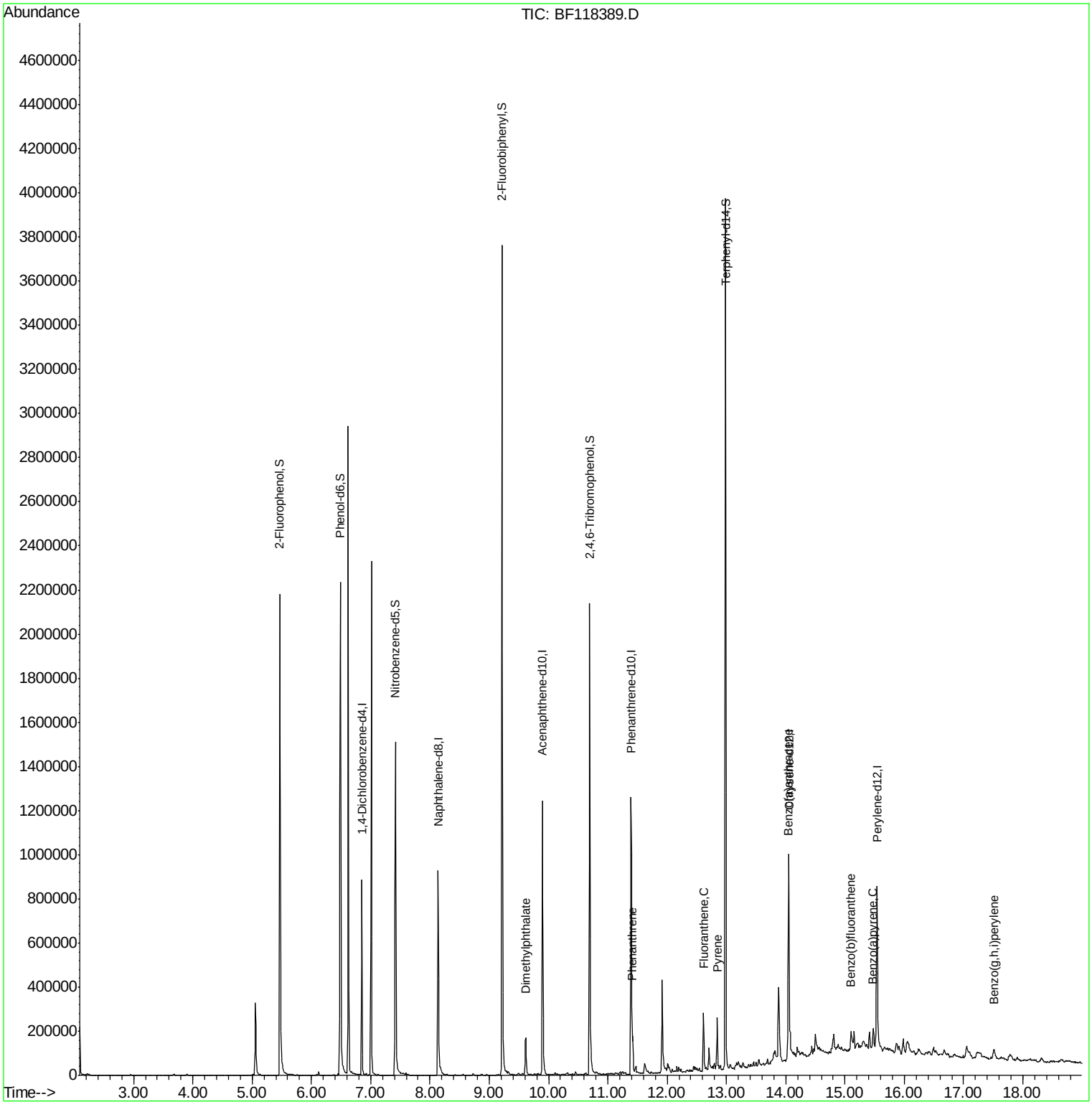
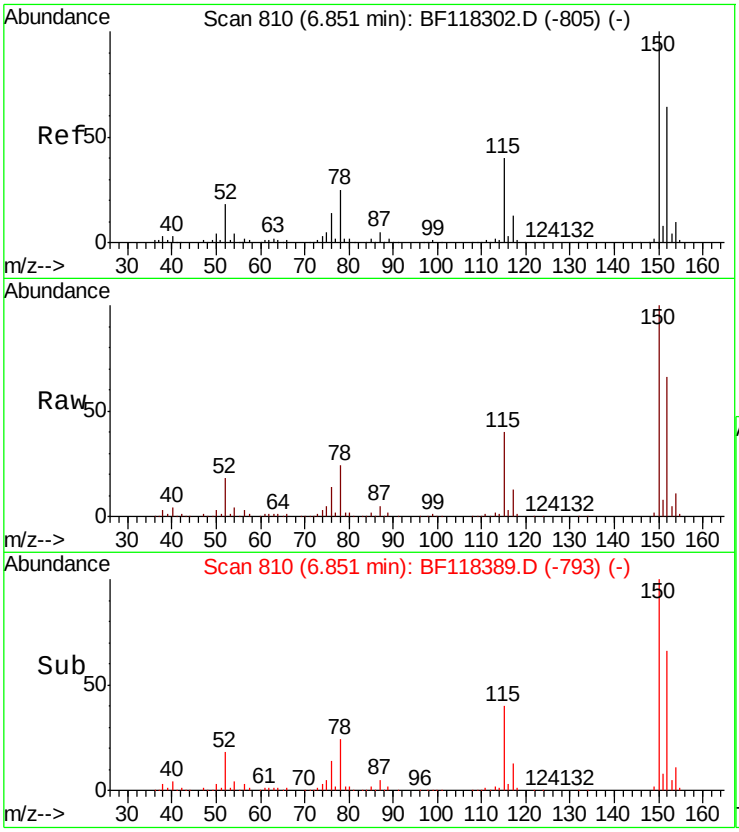
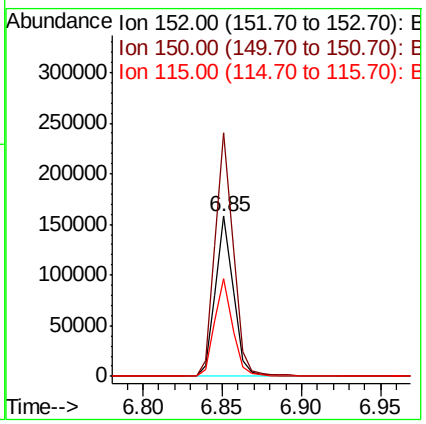




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:152 Resp: 125640

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.4	188.2
115	61.0	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

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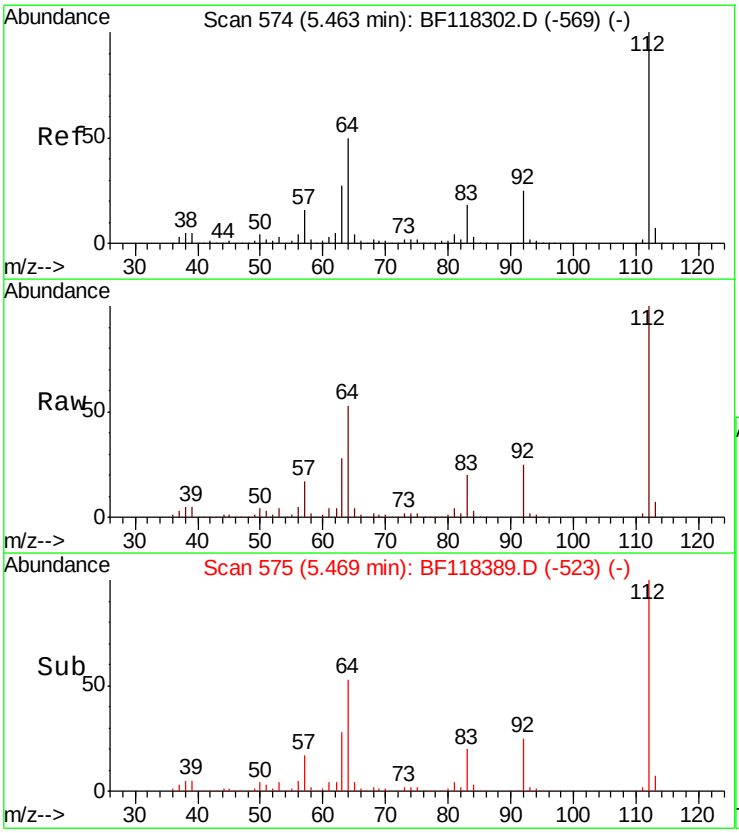
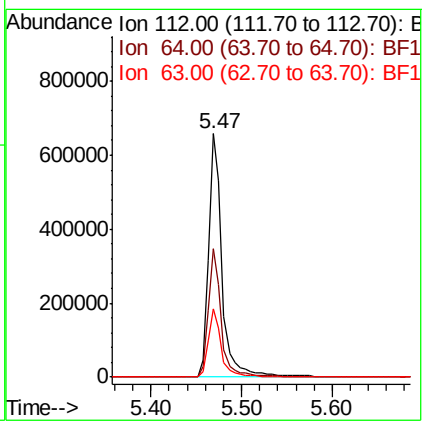
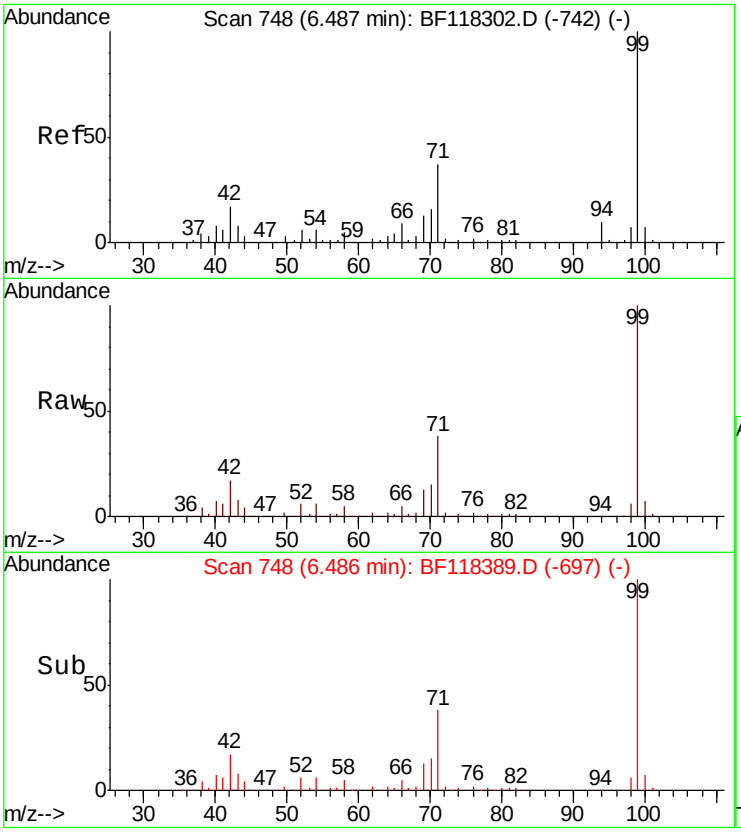


#5
2-Fluorophenol
Concen: 93.712 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:112 Resp: 689752

Ion	Ratio	Lower	Upper
112	100		
64	52.8	39.7	59.5
63	27.9	21.7	32.5

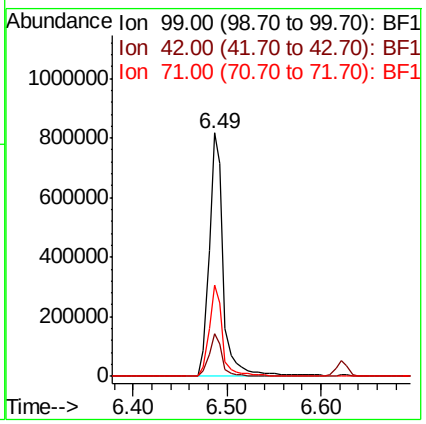




#7
Phenol-d6
Concen: 95.860 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion: 99 Resp: 875268

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	37.6	29.4	44.2



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

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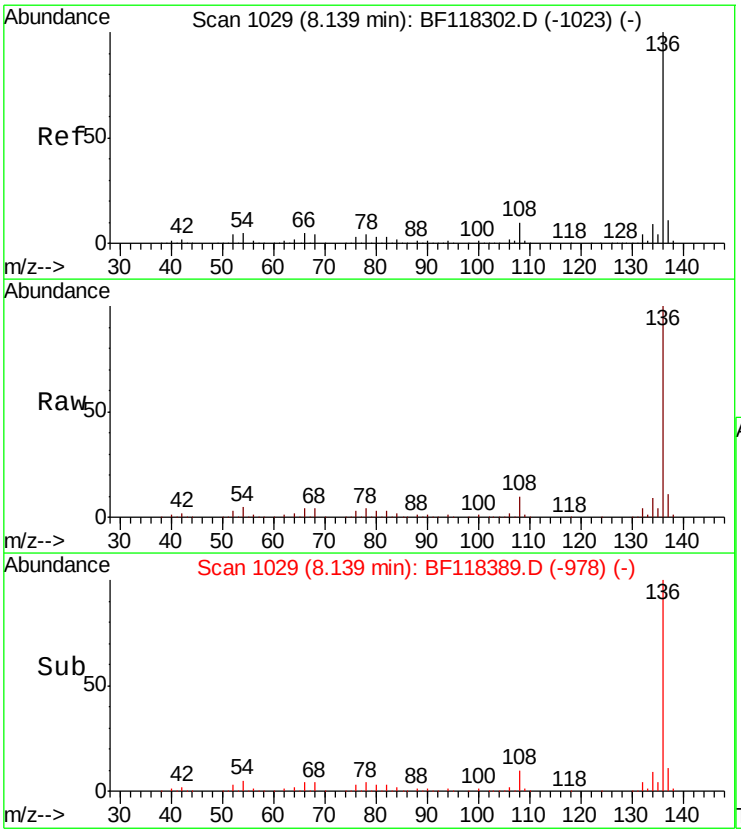
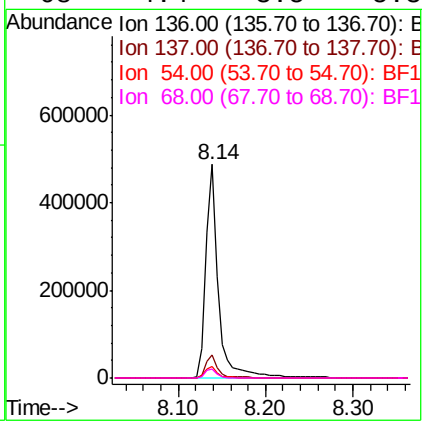
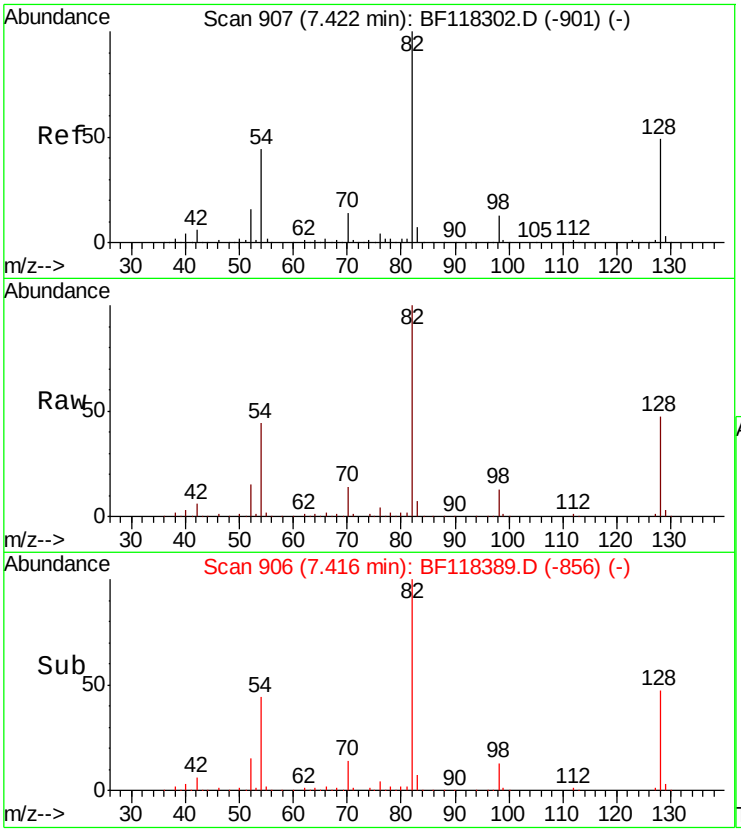


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:136 Resp: 488819

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.3	4.2	6.4
68	4.4	3.5	5.3

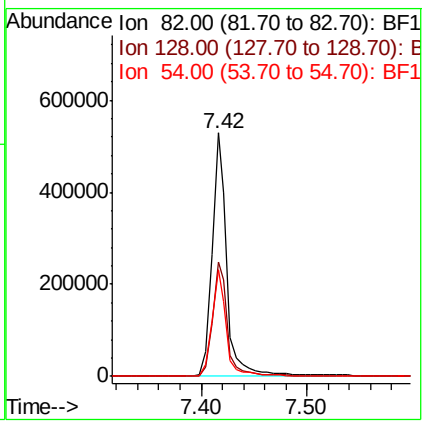




#23
Nitrobenzene-d5
Concen: 61.548 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion: 82 Resp: 526026

Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.6	59.4
54	43.7	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

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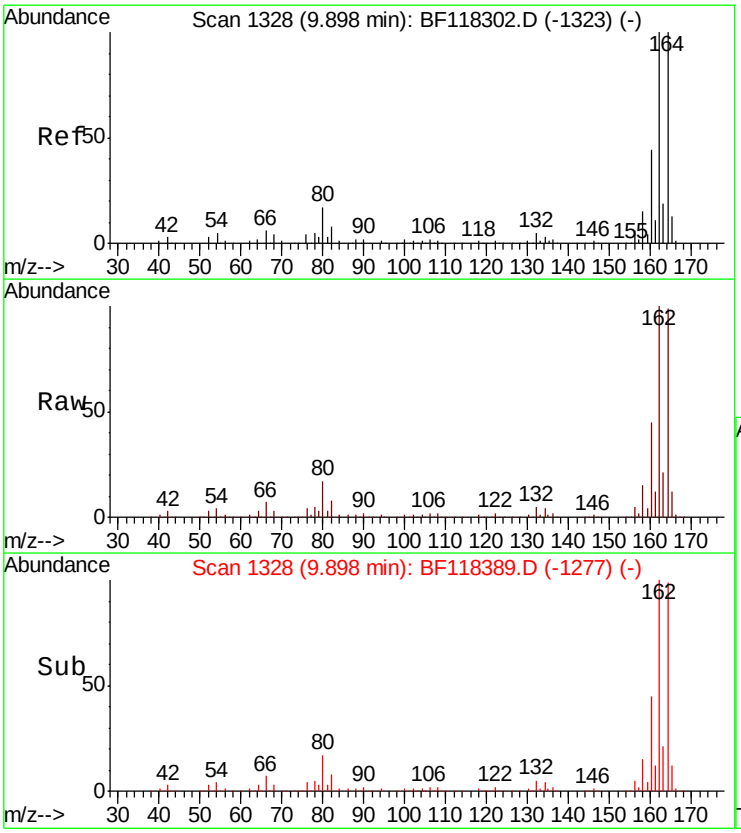
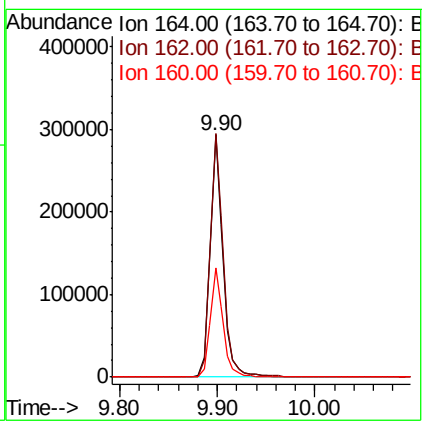
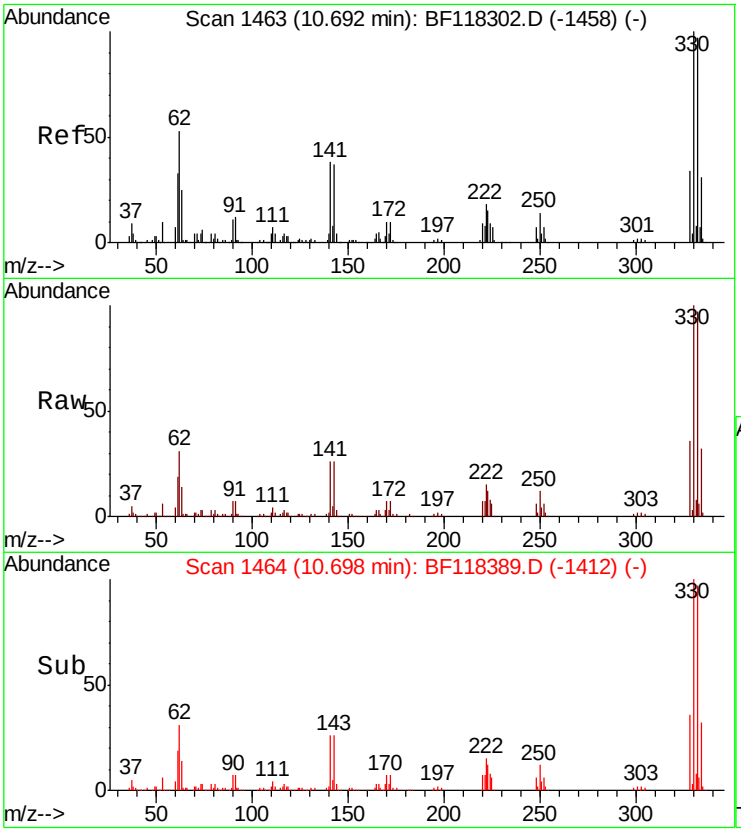


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:164 Resp: 266454

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.0	120.0
160	45.3	34.8	52.2

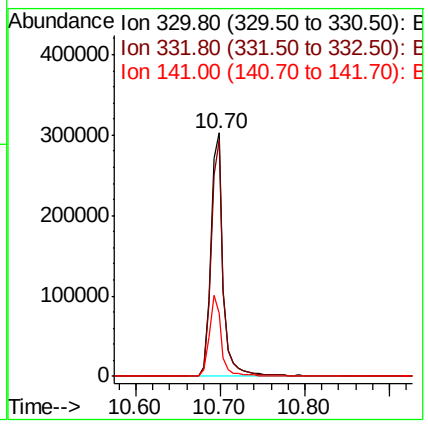




#42
2,4,6-Tribromophenol
Concen: 95.131 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:330 Resp: 313030

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	32.3	26.0	39.0



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

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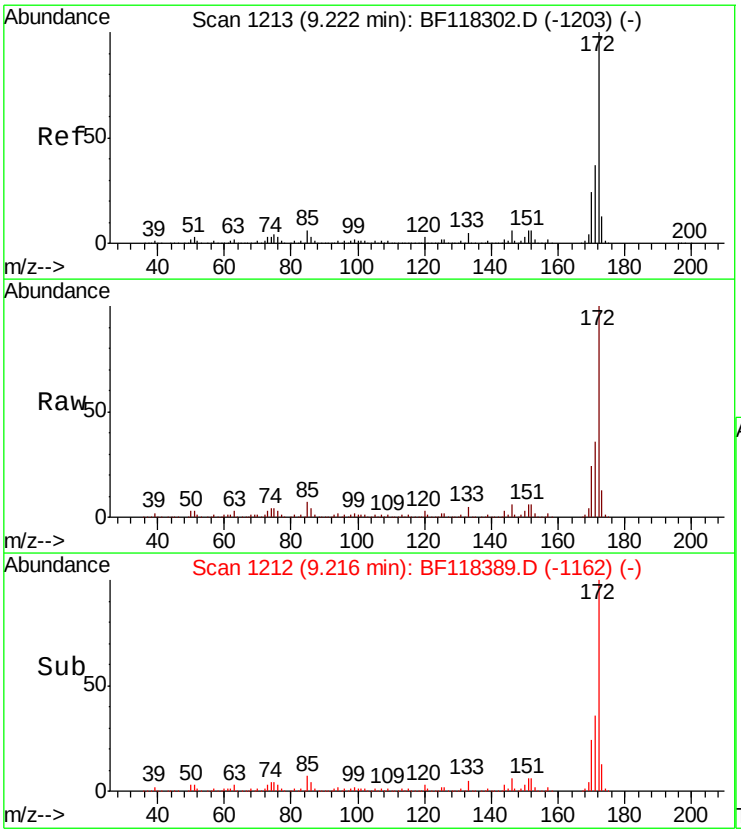
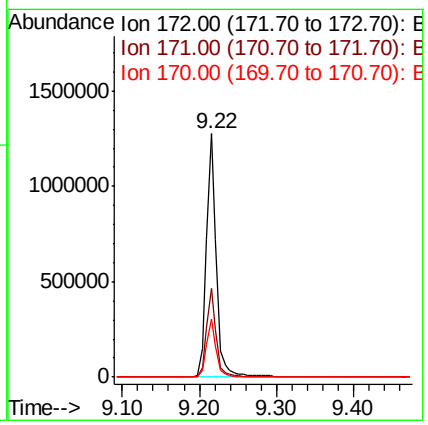
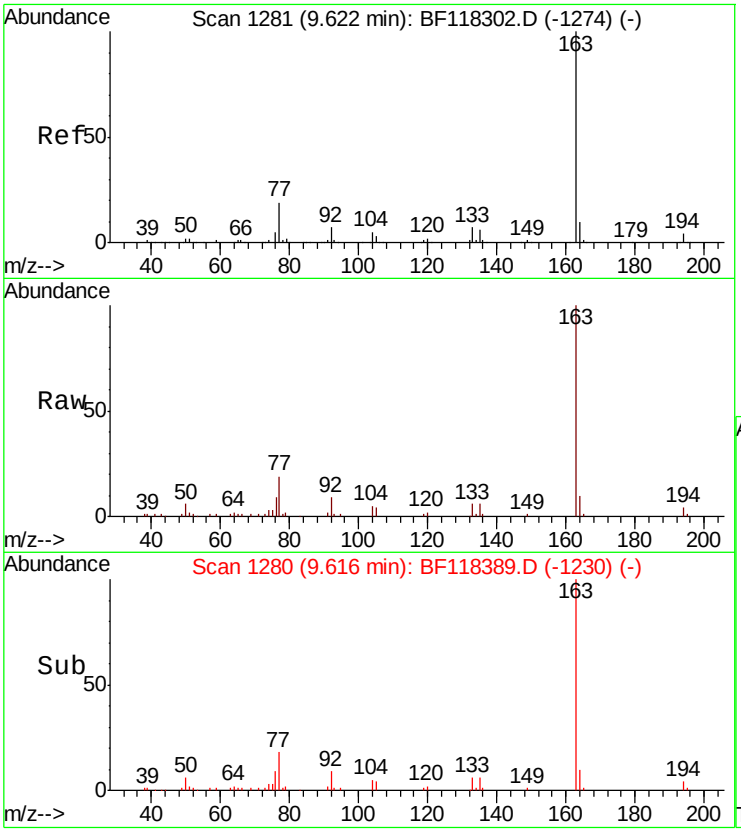


#45
2-Fluorobiphenyl
Concen: 65.670 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:172 Resp: 1146306

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	23.9	19.2	28.8

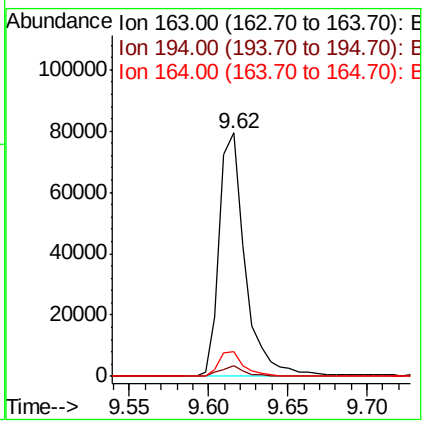




#50
Dimethylphthalate
Concen: 4.521 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:163 Resp: 90424

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.0	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

Manual Integrations APPROVED
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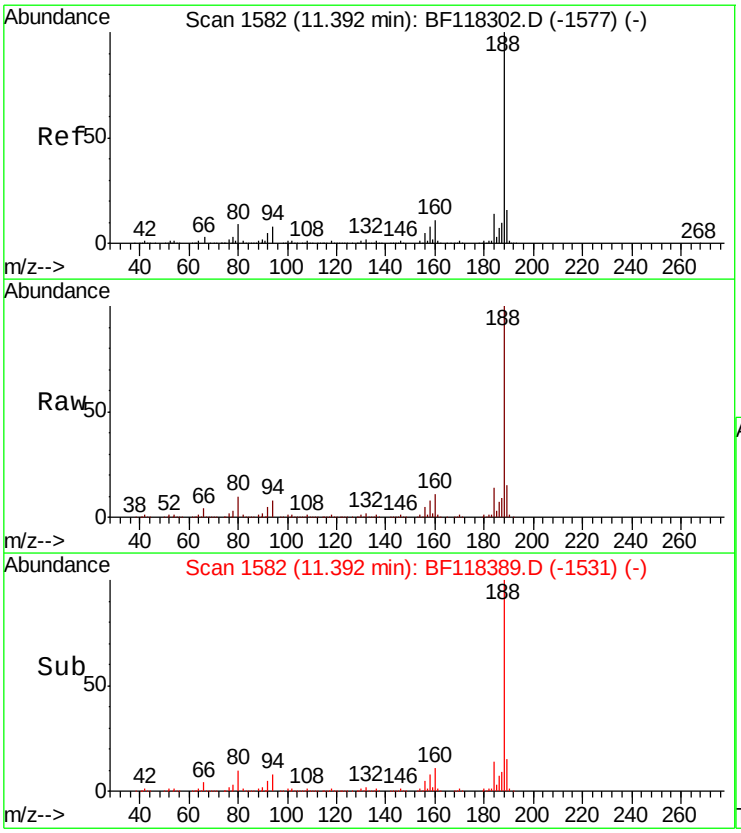
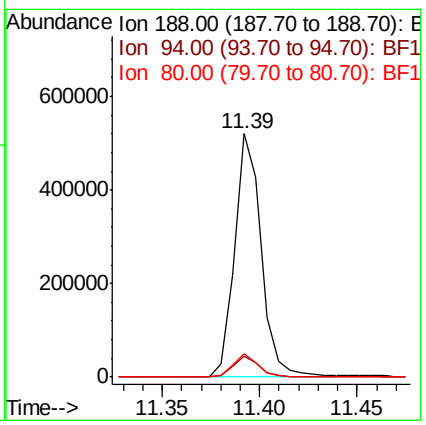
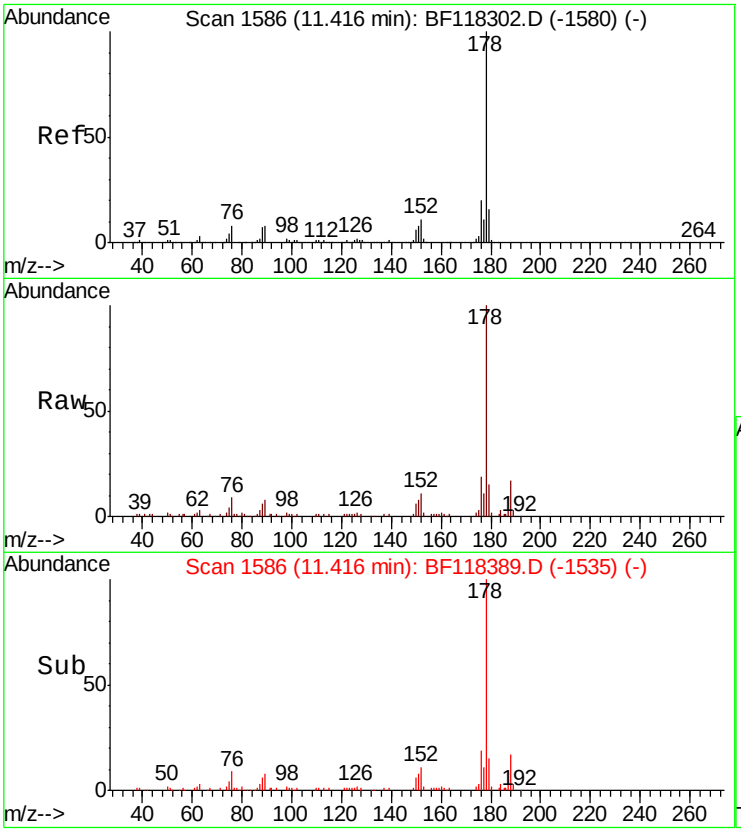


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:188 Resp: 489724

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.5	7.2	10.8

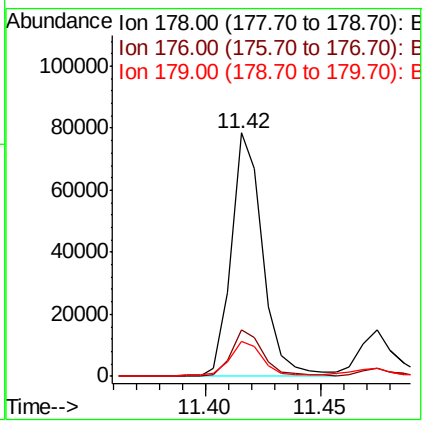




#71
Phenanthrene
Concen: 2.795 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:178 Resp: 74612

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	14.6	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

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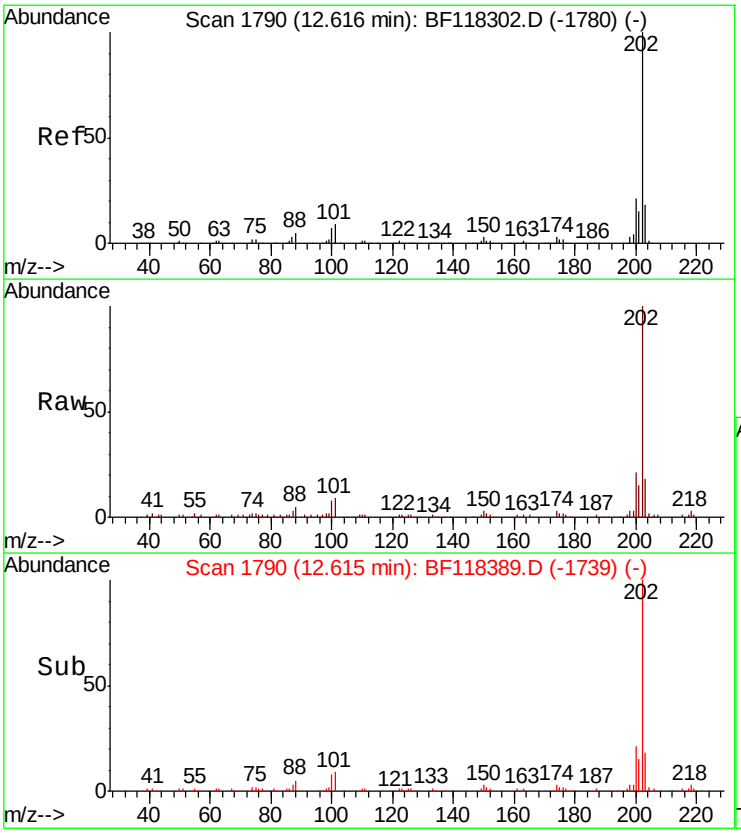
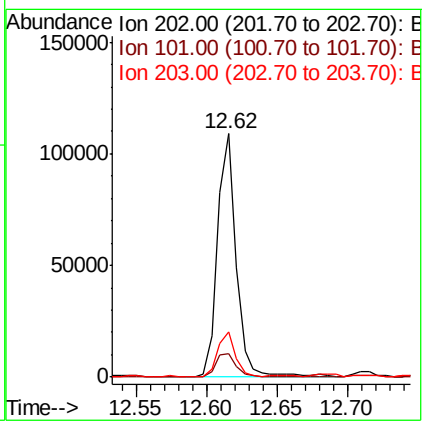
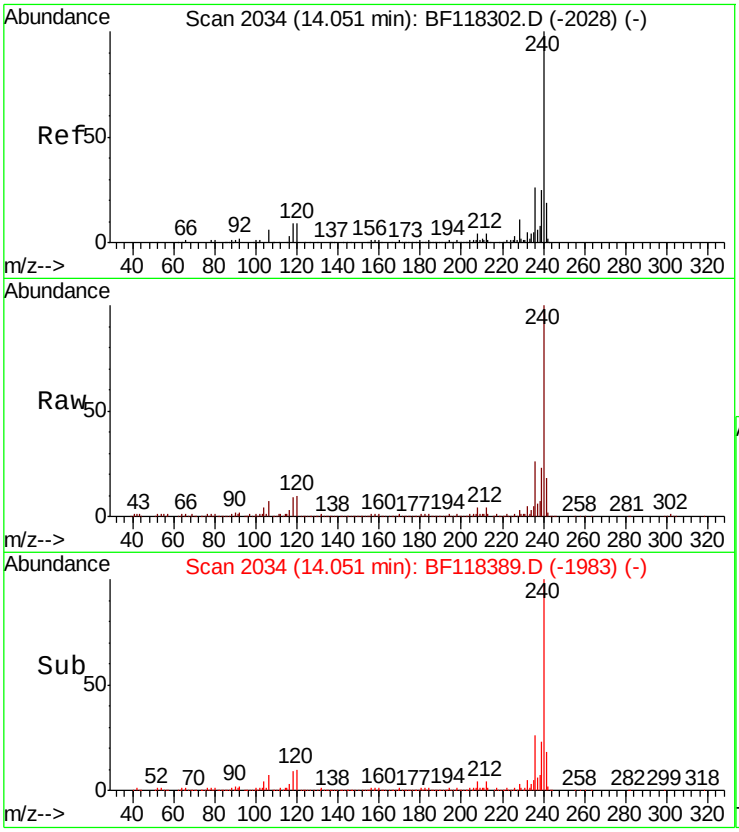


#75
Fluoranthene
Concen: 3.756 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:202 Resp: 101211

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.5
203	18.3	0.0	37.6

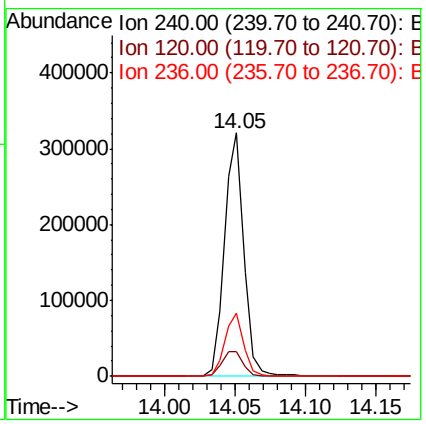




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:240 Resp: 304926

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.1	10.7
236	26.0	21.0	31.6



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

Manual Integrations APPROVED
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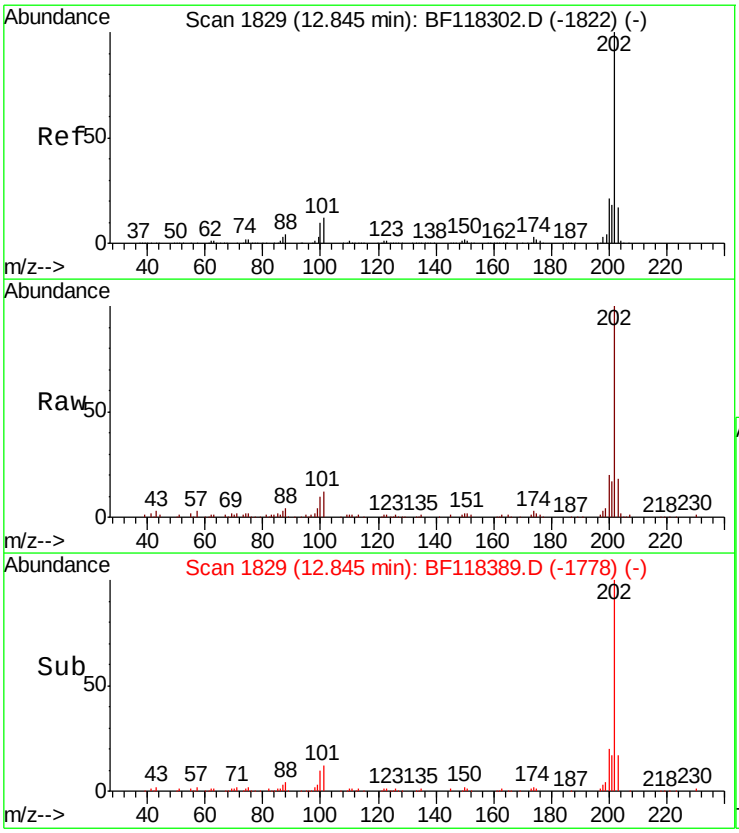
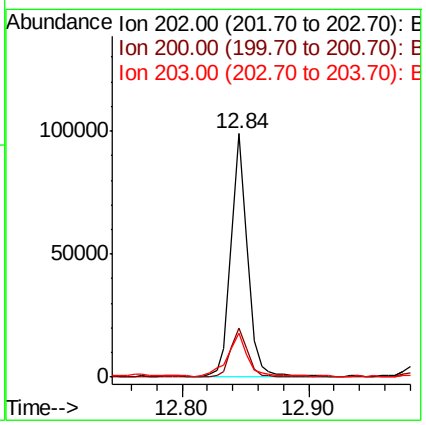
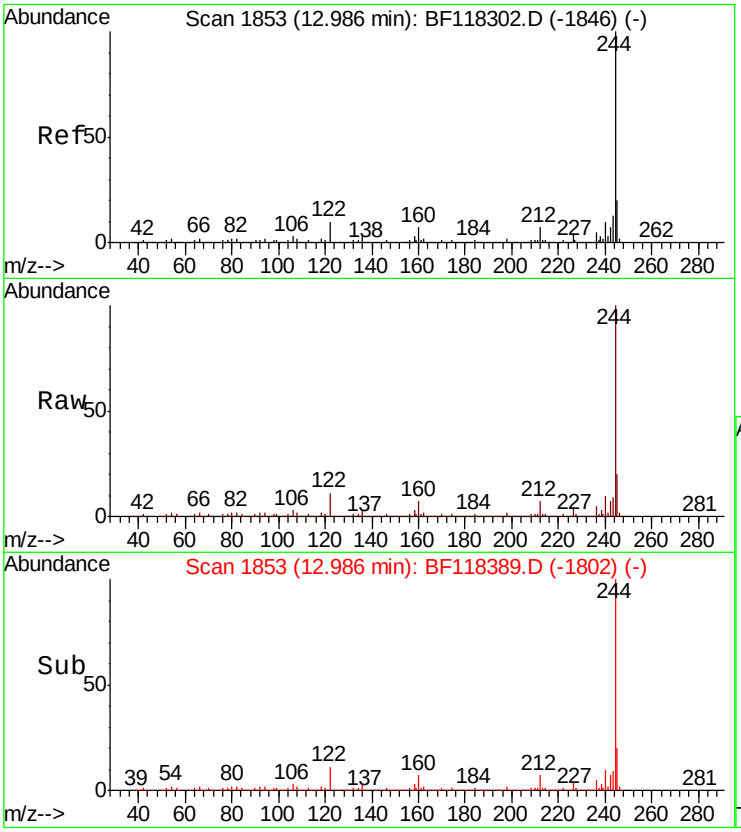


#78
Pyrene
Concen: 3.581 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:202 Resp: 89180

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	17.8	13.9	20.9

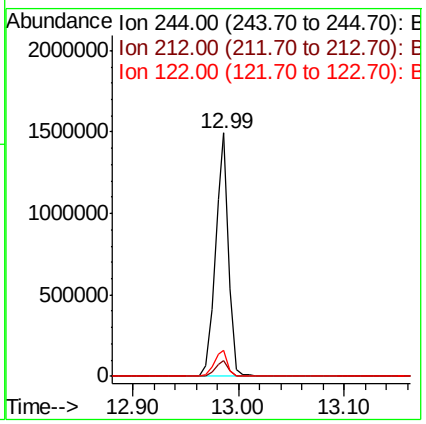




#79
Terphenyl-d14
Concen: 70.600 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:244 Resp: 1297608

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.5	7.8	11.8



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

Manual Integrations APPROVED
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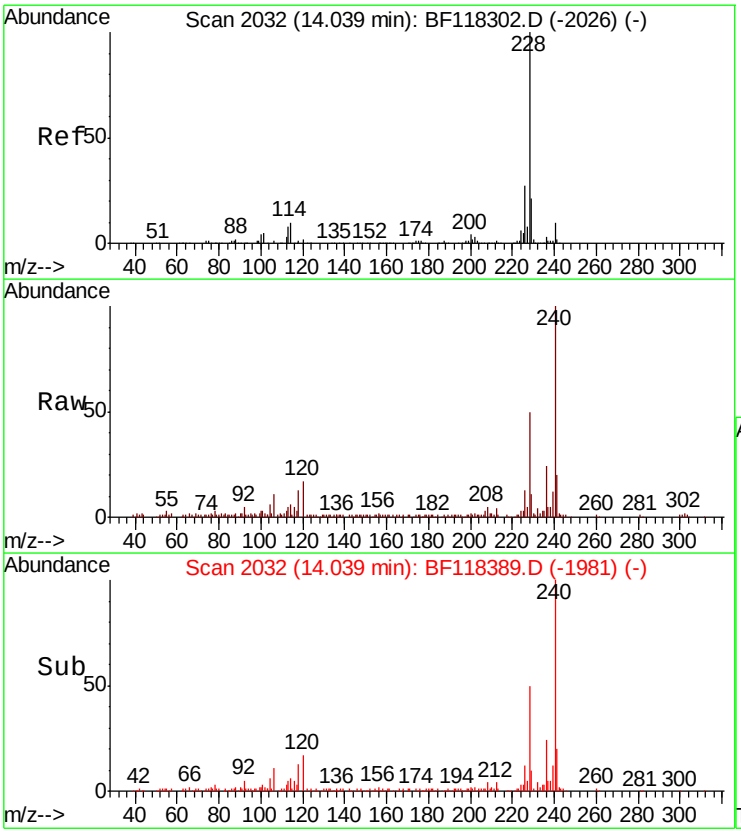
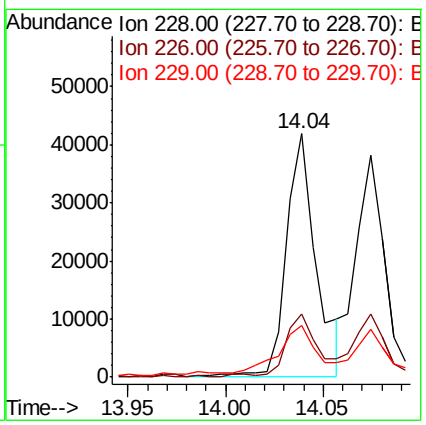
12/31/2019 12:04:17 PM

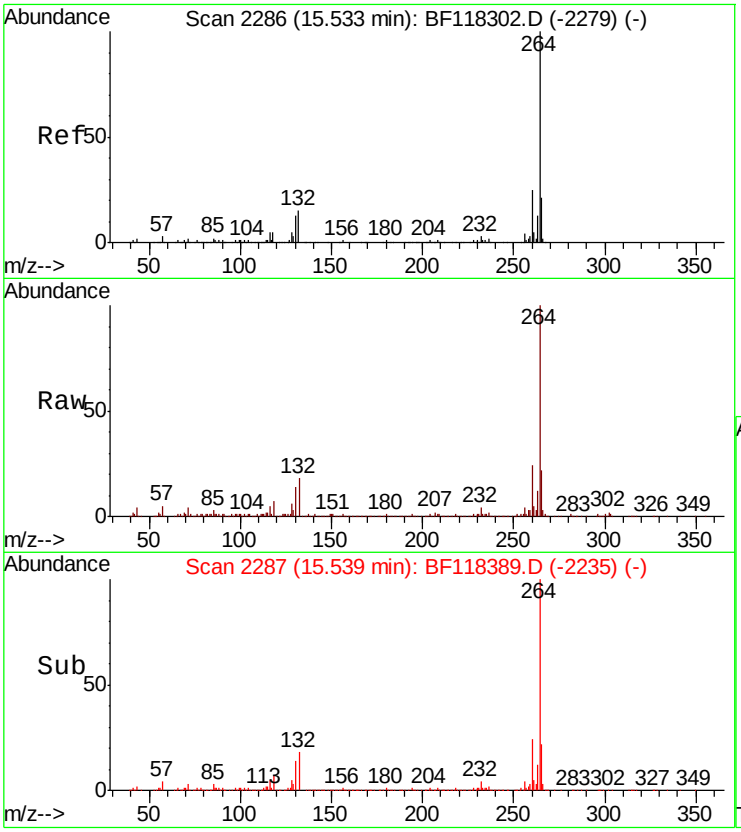


#81
Benzo(a)anthracene
Concen: 2.092 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:228 Resp: 44642

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.0	33.0
229	21.4	16.6	24.8

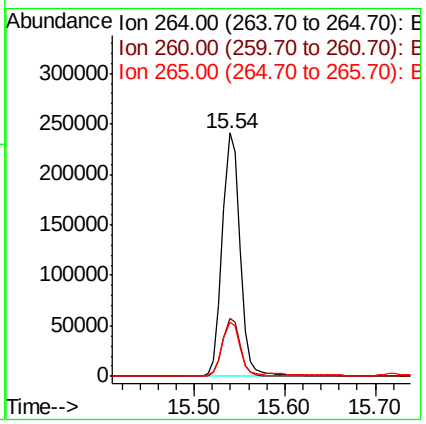




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:264 Resp: 328807

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	22.2	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
K615-WC-1

Manual Integrations APPROVED
mohammad
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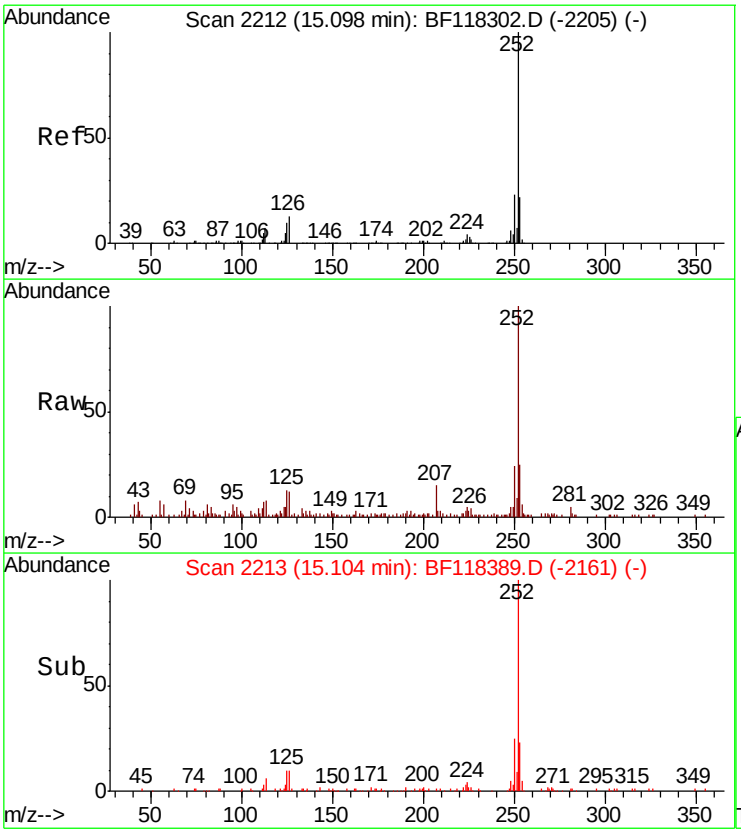
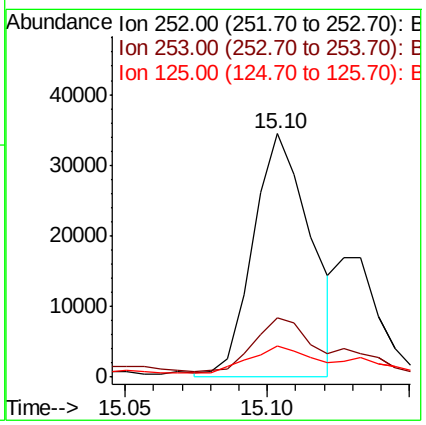
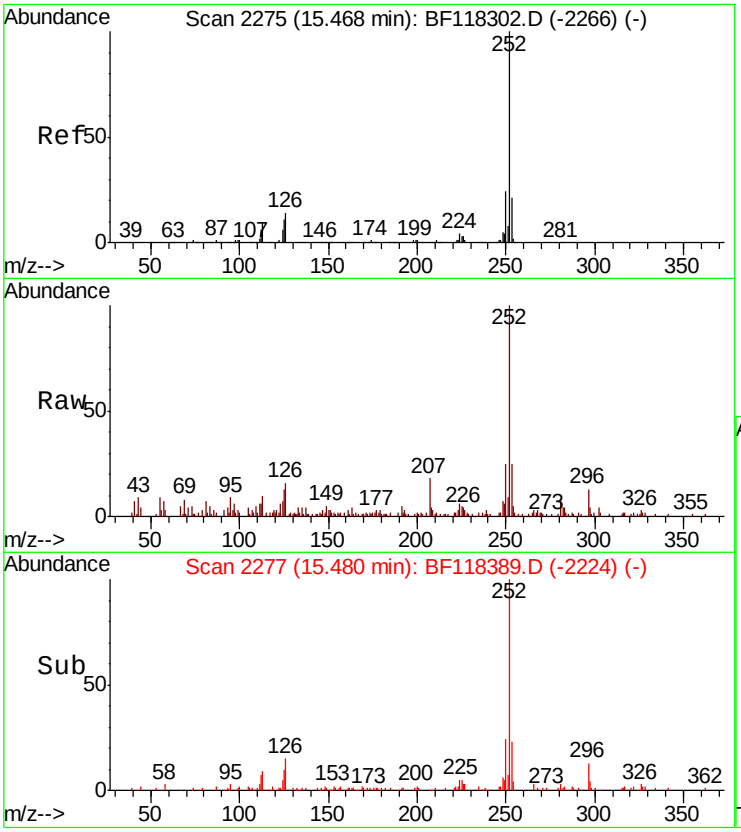


#88
Benzo(b)fluoranthene
Concen: 2.236 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:252 Resp: 48803

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	13.0	7.7	11.5#





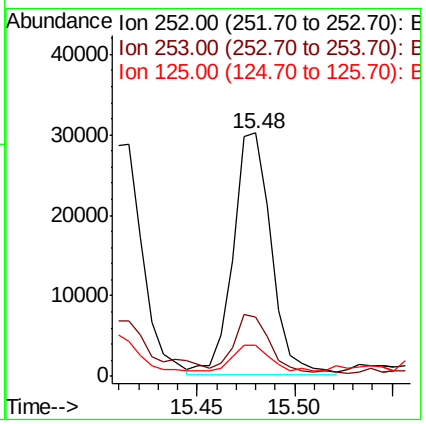
#90
Benzo(a)pyrene
Concen: 2.122 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

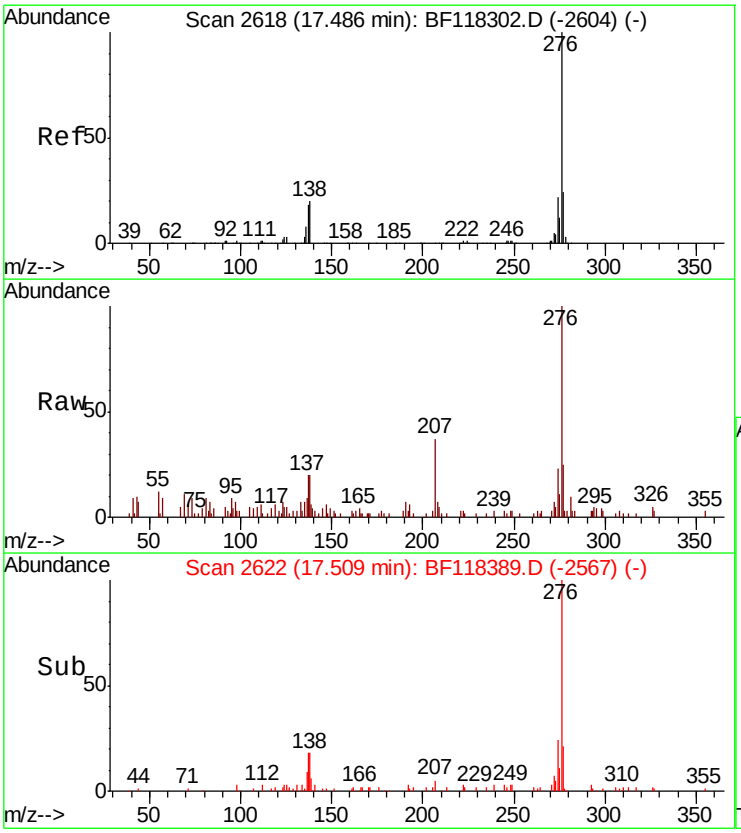
Tgt Ion:252 Resp: 40799

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	12.9	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
K615-WC-1

Manual Integrations APPROVED
mohammad
12/31/2019 12:04:17 PM





#92
Benzo(g,h,i)perylene
Concen: 2.192 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.02 min
Lab File: BF118389.D
Acq: 30 Dec 2019 19:05

Tgt Ion:276 Resp: 35335

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.1	28.7
138	25.5	16.1	24.1#