Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q012-WC1

Manual Integrations APPROVED
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Quant Time: Jan 22 05:04:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	402617	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1414738	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	718696	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	1069014	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	909819	20.00	ng		-0.01
87) Perylene-d12	15.51	264	1003822	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1842592	85.00	ng		0.00
7) Phenol-d6	6.50	99	2340088	83.05	ng		-0.01
23) Nitrobenzene-d5	7.43	82	1495705	59.14	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	579763	69.74	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	2728531	62.40	ng		-0.01
79) Terphenyl-d14	12.98	244	2454815	58.85	ng		-0.01
Target Compounds							Qvalue
50) Dimethylphthalate	9.62	163	216802	4.630	ng		98
71) Phenanthrene	11.42	178	260894	5.059	ng		93
75) Fluoranthene	12.61	202	329980	6.066	ng		93
78) Pyrene	12.84	202	320677	5.192	ng		92
81) Benzo(a)anthracene	14.02	228	184146	3.365	ng		98
83) Chrysene	14.06	228	203079	3.872	ng		96
88) Benzo(b)fluoranthene	15.07	252	251503m	3.986	ng		
90) Benzo(a)pyrene	15.44	252	149226	2.742	ng	#	88

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 05:04:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
Q012-WC1

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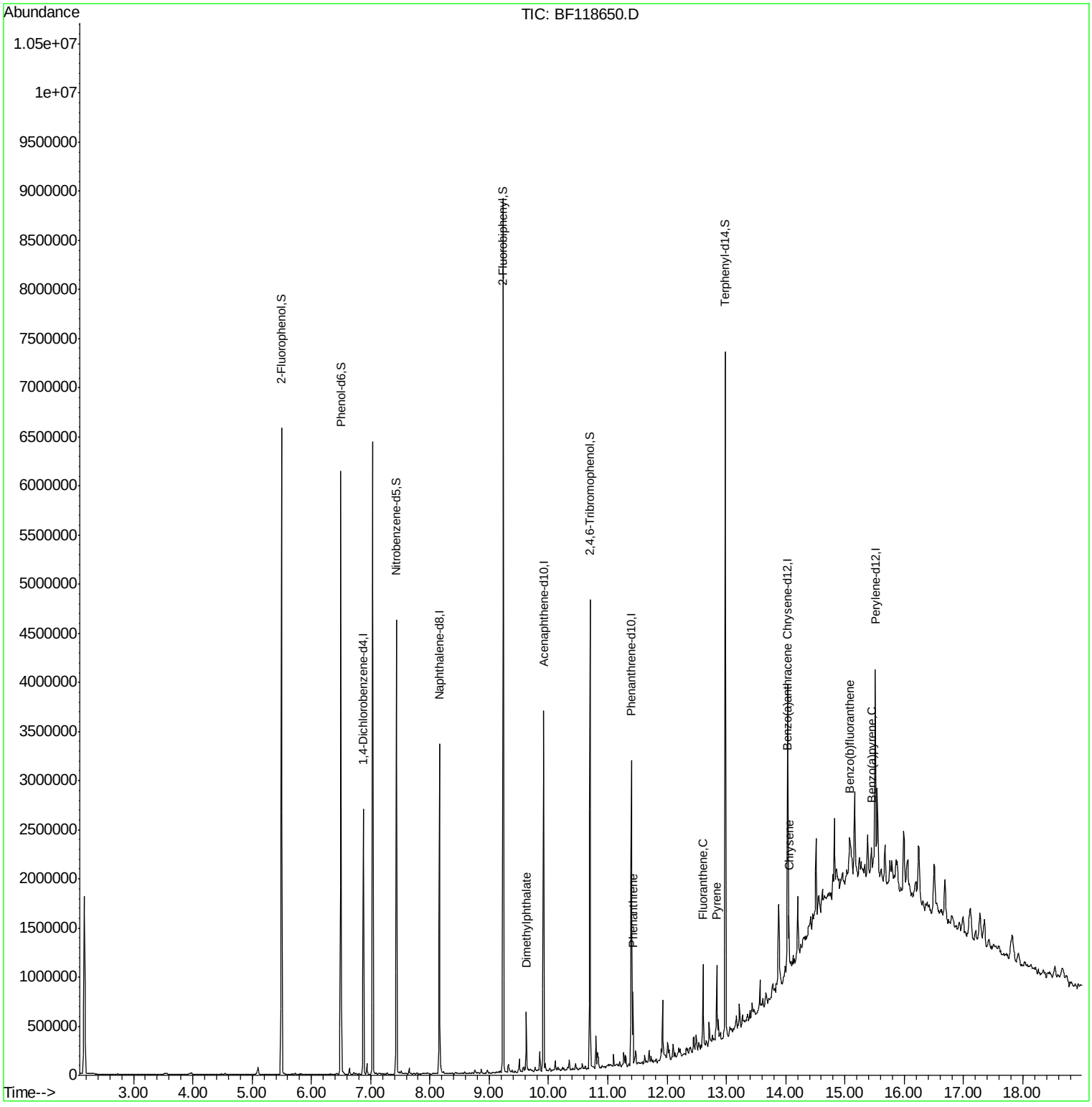
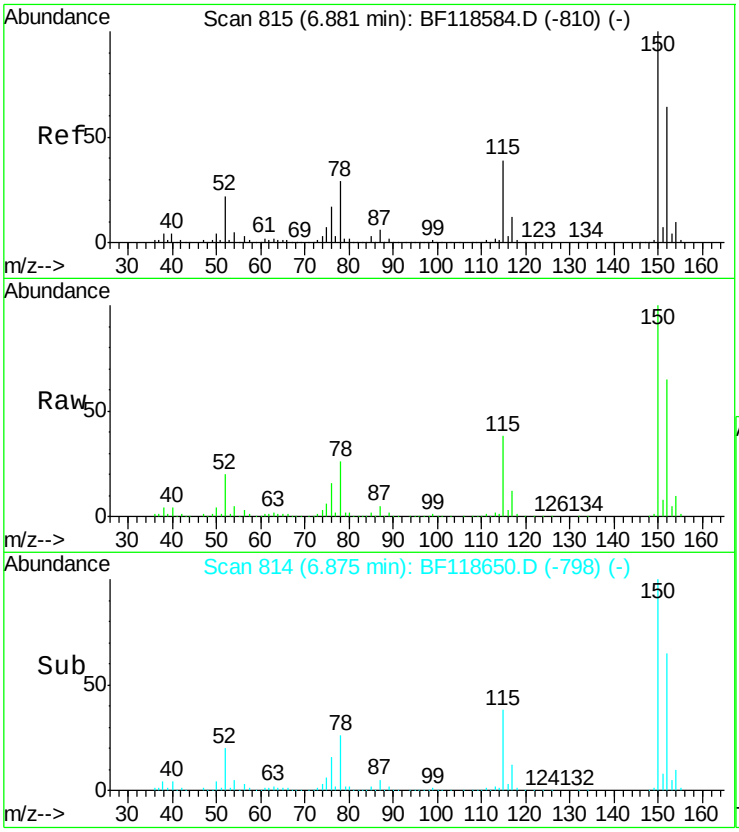
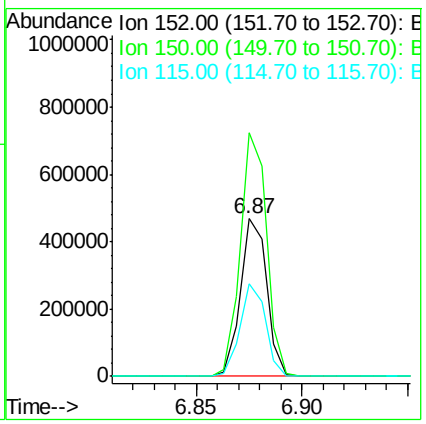




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:152 Resp: 402617

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.6	188.4
115	58.6	48.4	72.6



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

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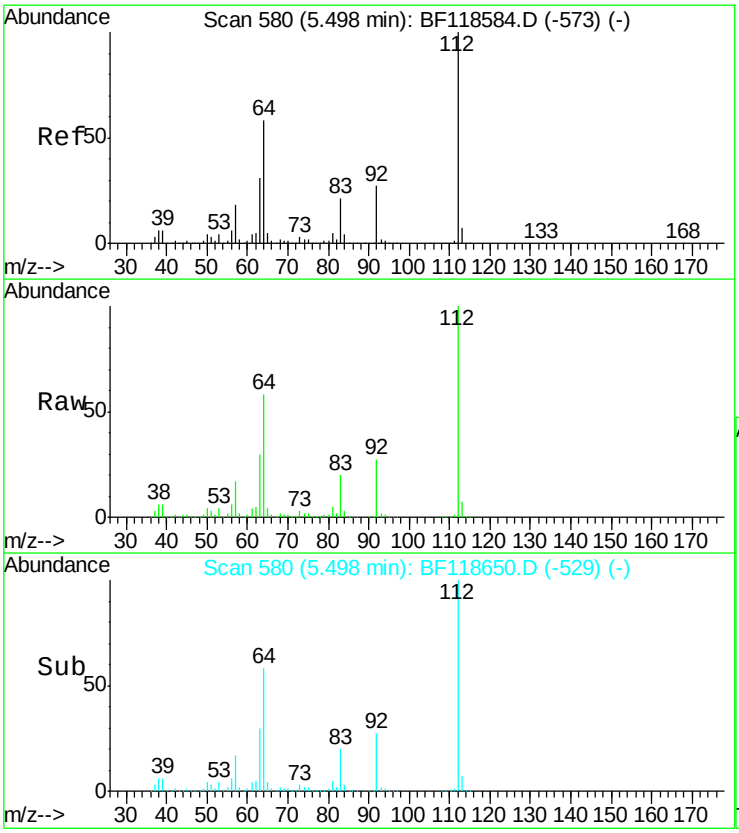
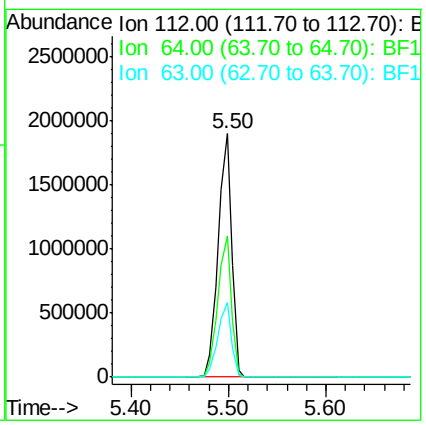
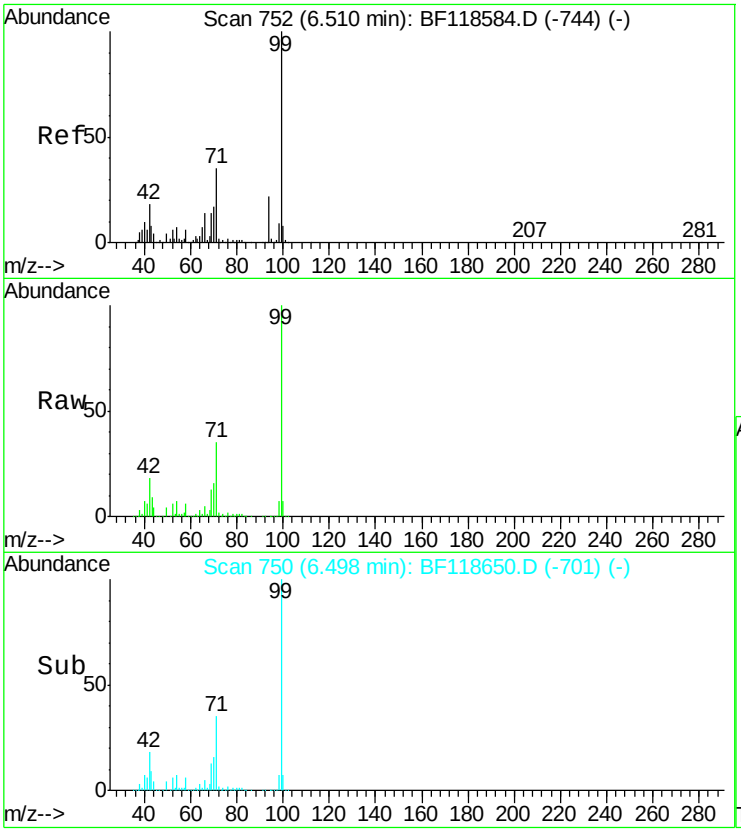


#5
2-Fluorophenol
Concen: 84.998 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:112 Resp: 1842592

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	70.0
63	30.5	25.1	37.7

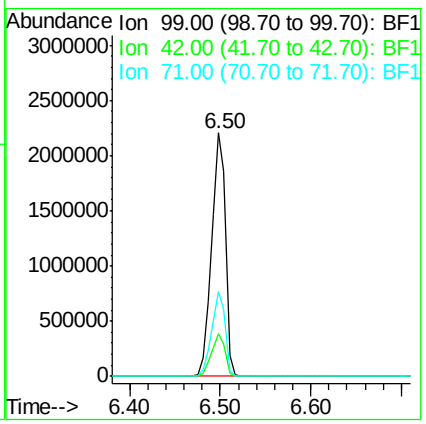




#7
Phenol-d6
Concen: 83.053 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion: 99 Resp: 2340088

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.2	21.2
71	34.8	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

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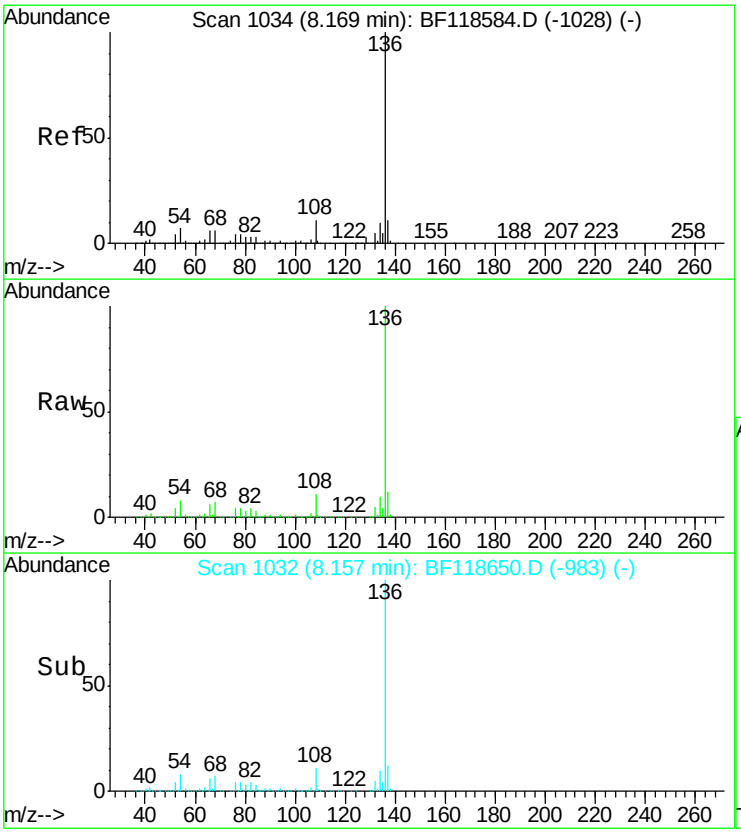
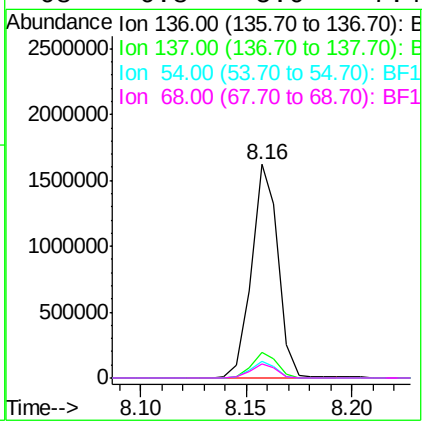
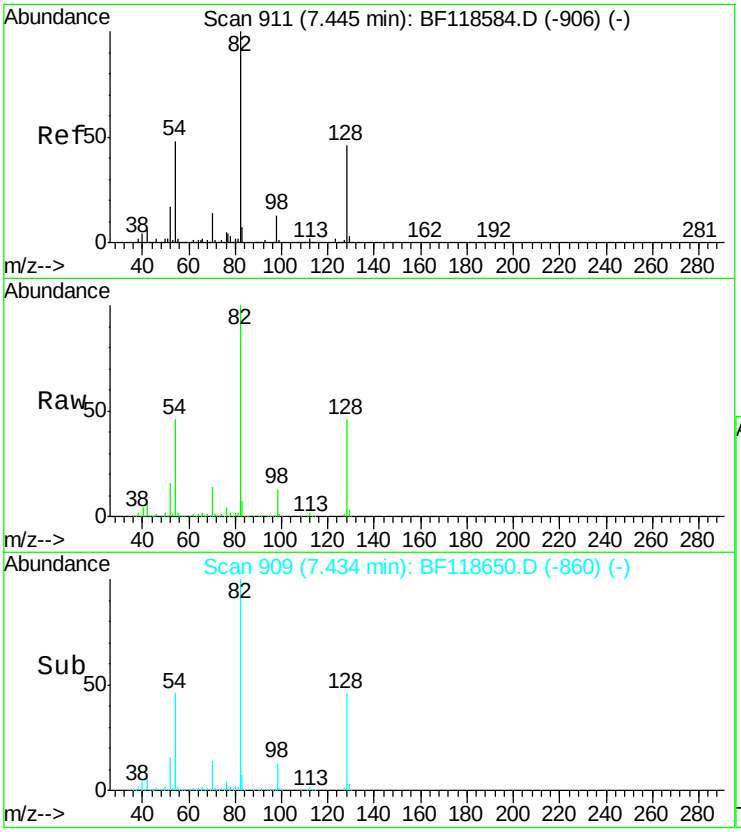


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:136 Resp: 1414738

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	8.1	5.8	8.6
68	6.8	5.0	7.4

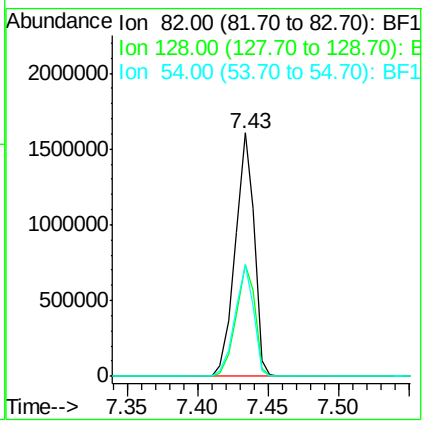




#23
Nitrobenzene-d5
Concen: 59.135 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion: 82 Resp: 1495705

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.6	54.8
54	45.9	38.0	57.0



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

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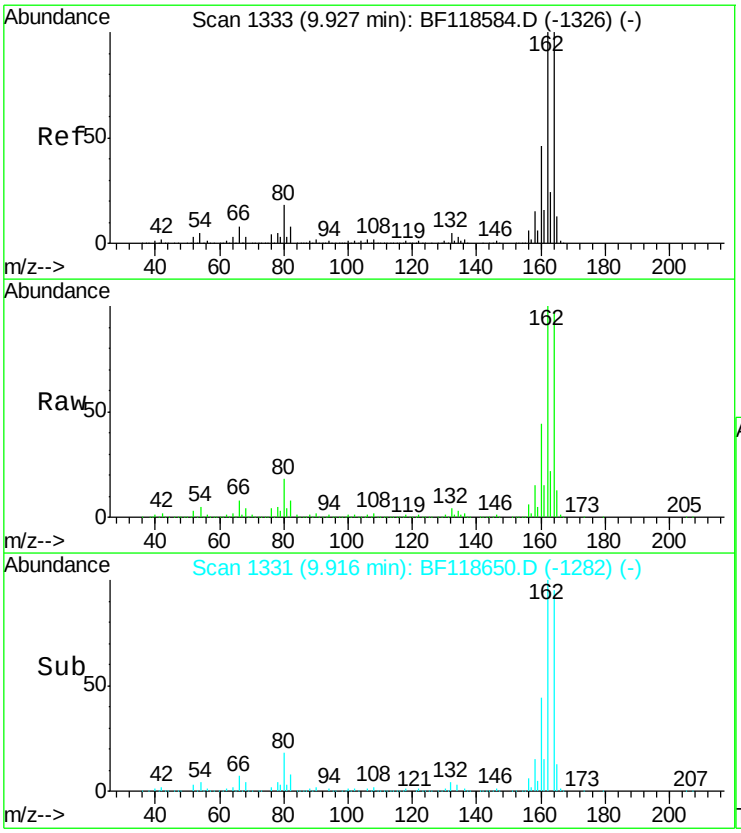
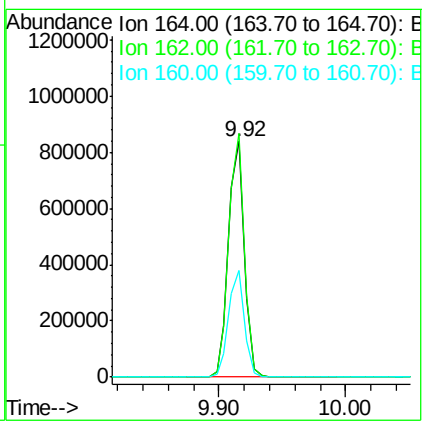
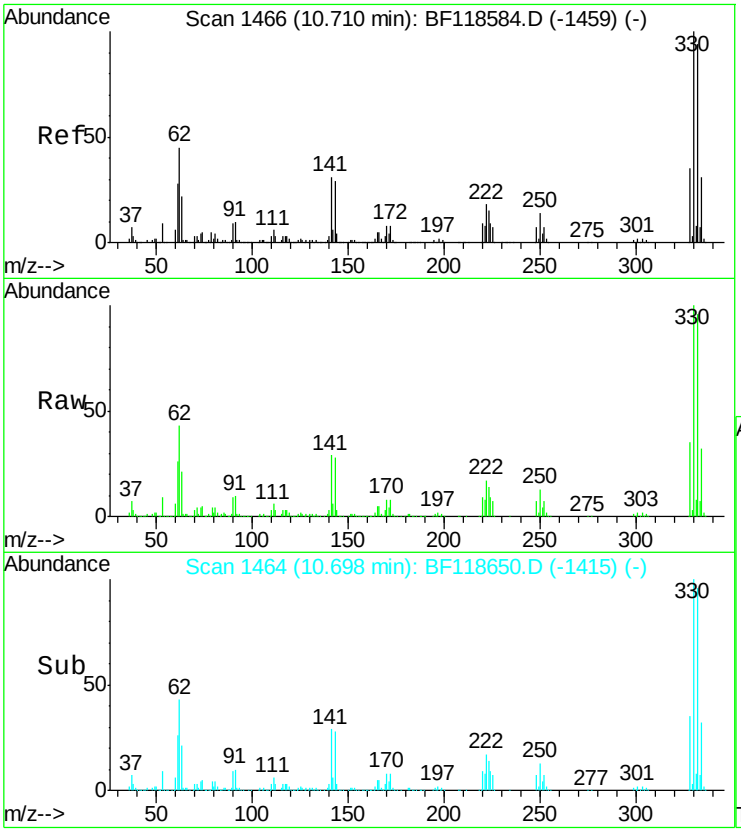


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:164 Resp: 718696

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.4	120.6
160	45.5	36.6	55.0

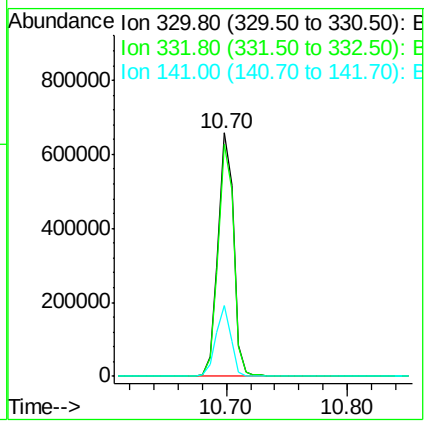




#42
2,4,6-Tribromophenol
Concen: 69.745 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:330 Resp: 579763

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	27.8	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

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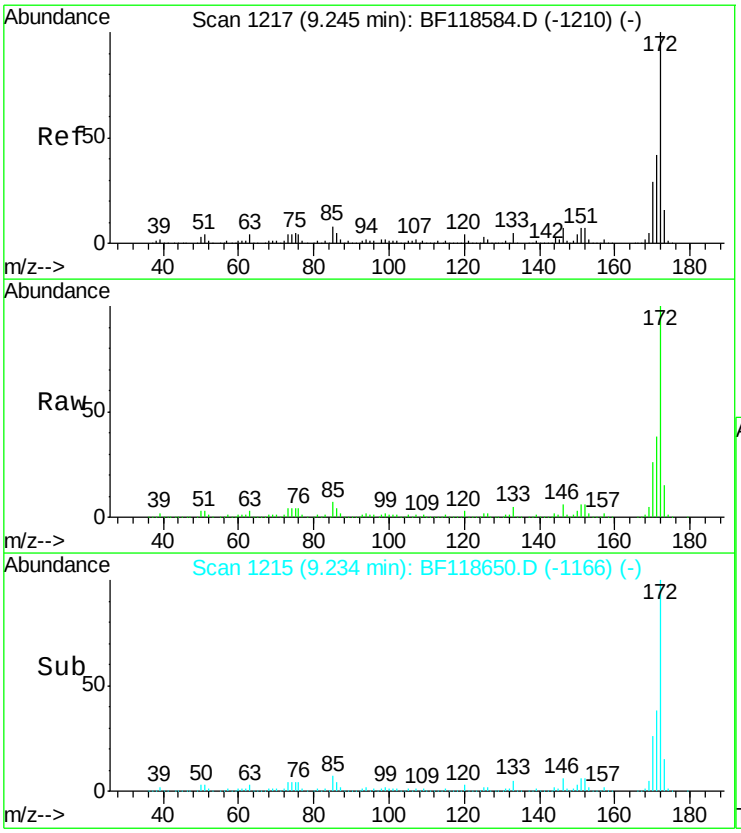
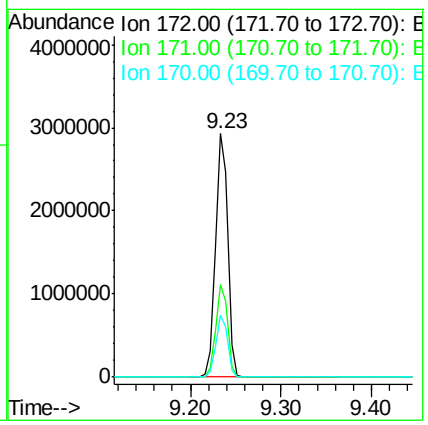
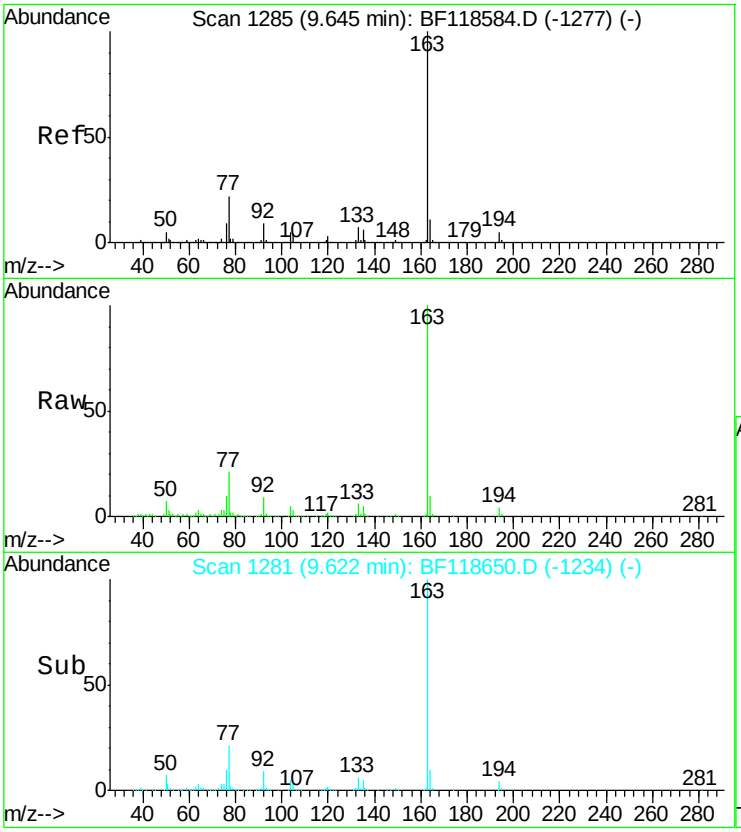


#45
2-Fluorobiphenyl
Concen: 62.400 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:172 Resp: 2728531

Ion	Ratio	Lower	Upper
172	100		
171	38.1	33.4	50.2
170	25.6	23.2	34.8

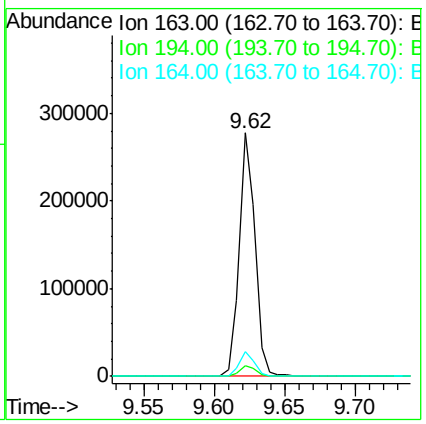




#50
Dimethylphthalate
Concen: 4.630 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:163 Resp: 216802

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	10.4	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

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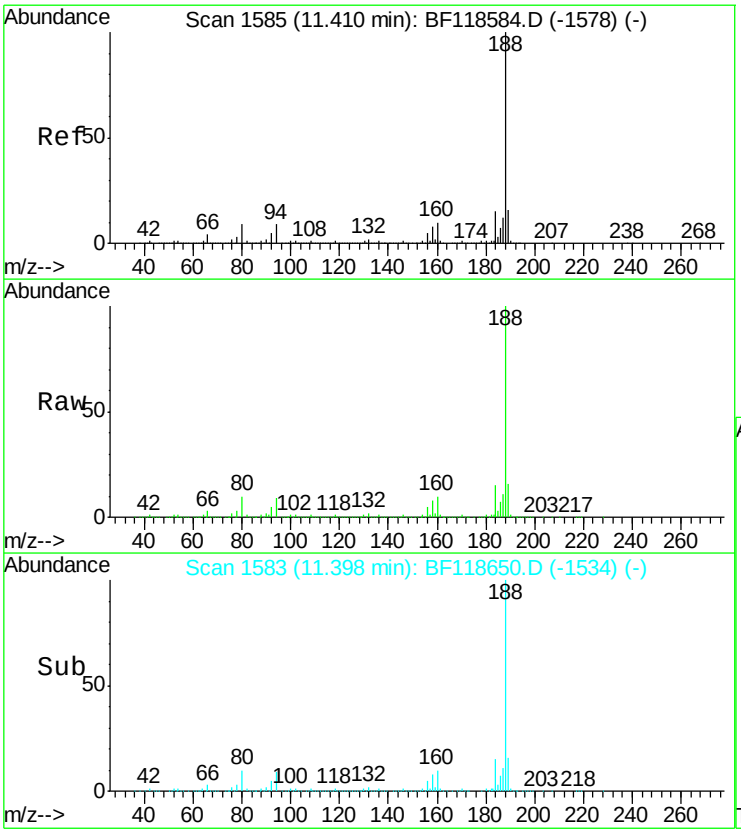
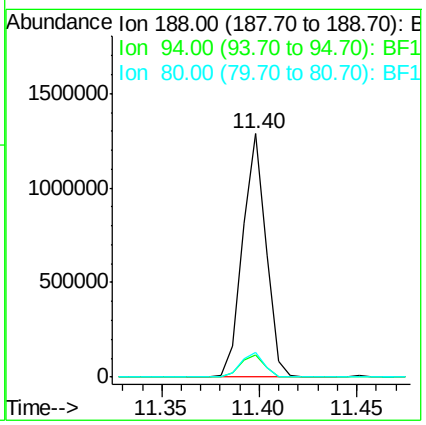
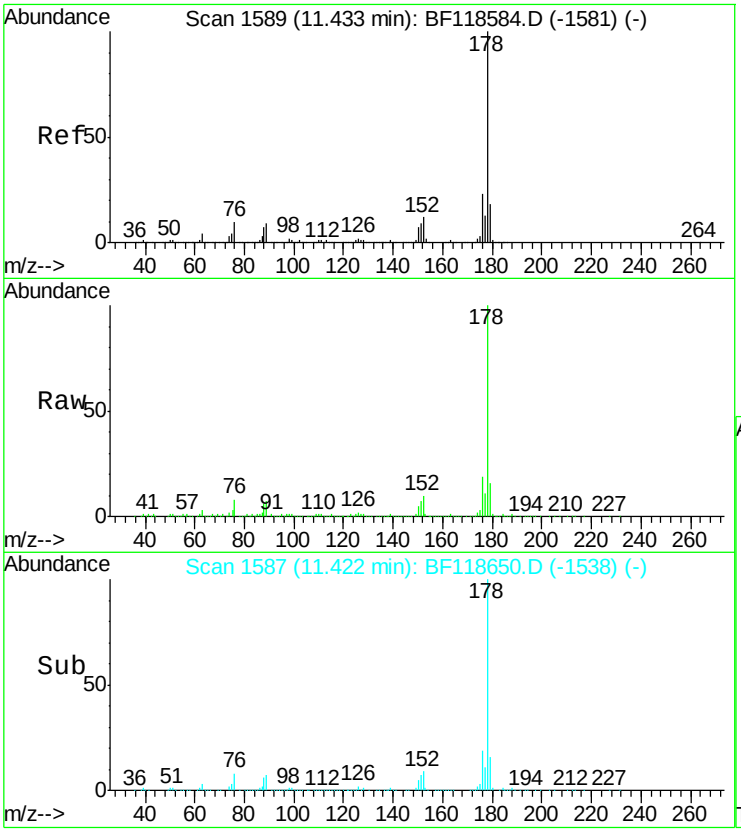


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:188 Resp: 1069014

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.1	7.5	11.3

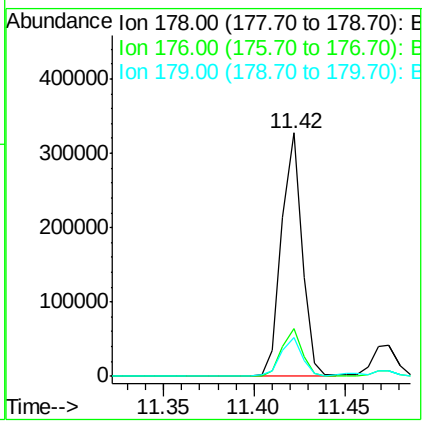




#71
Phenanthrene
Concen: 5.059 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:178 Resp: 260894

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.6	27.8
179	15.8	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

Manual Integrations APPROVED
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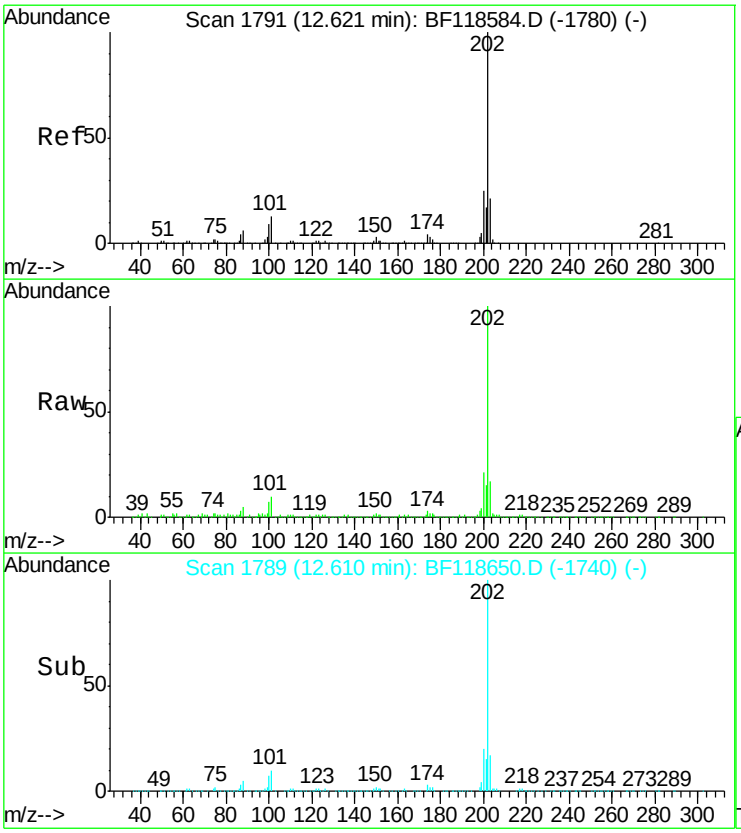
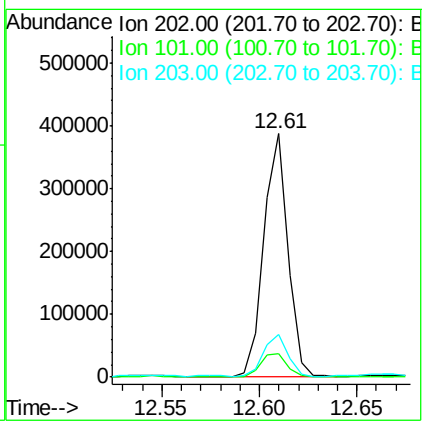
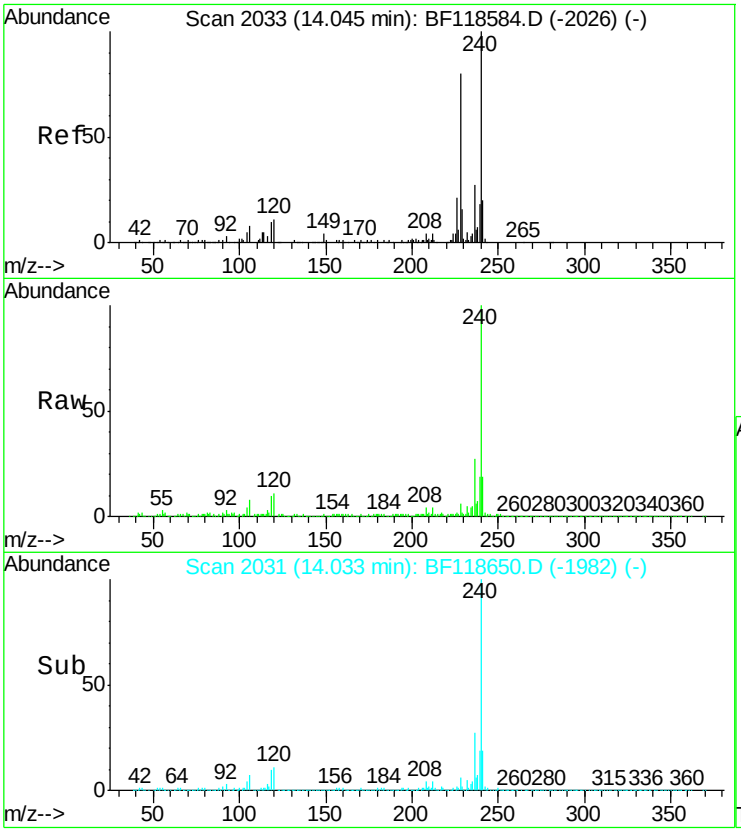


#75
Fluoranthene
Concen: 6.066 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:202 Resp: 329980

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.5
203	17.5	0.8	40.8

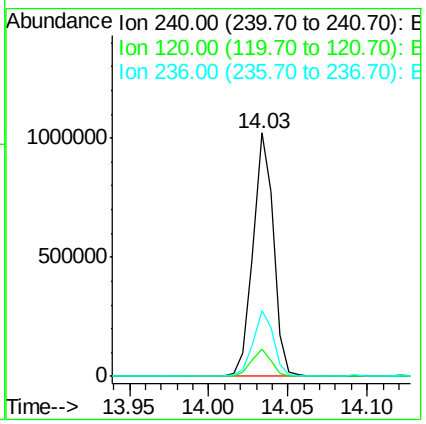




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:240 Resp: 909819

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.9	21.5	32.3



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

Manual Integrations APPROVED
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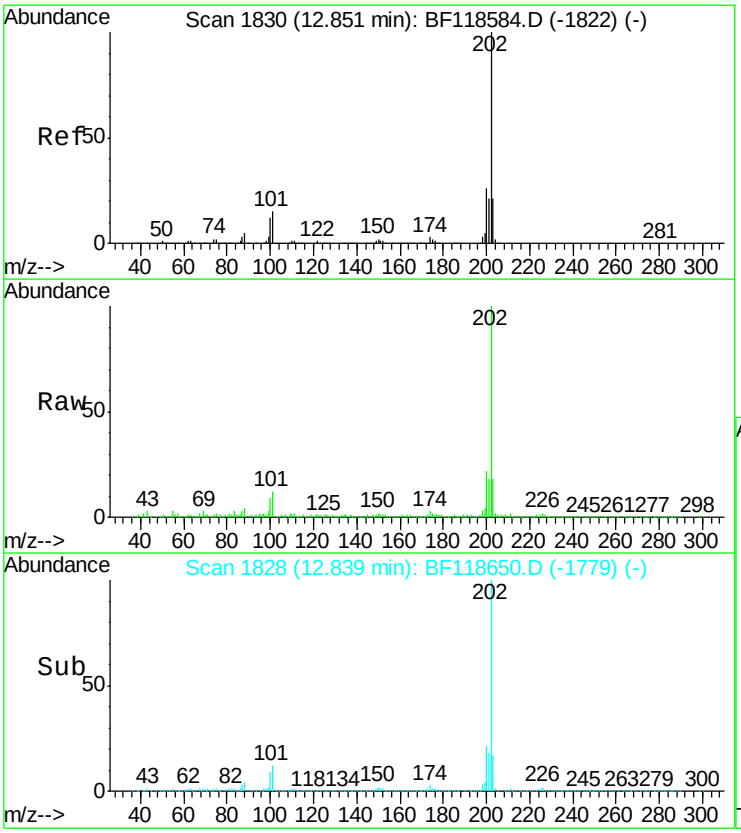
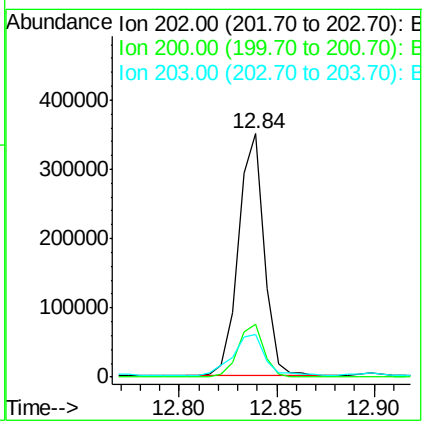
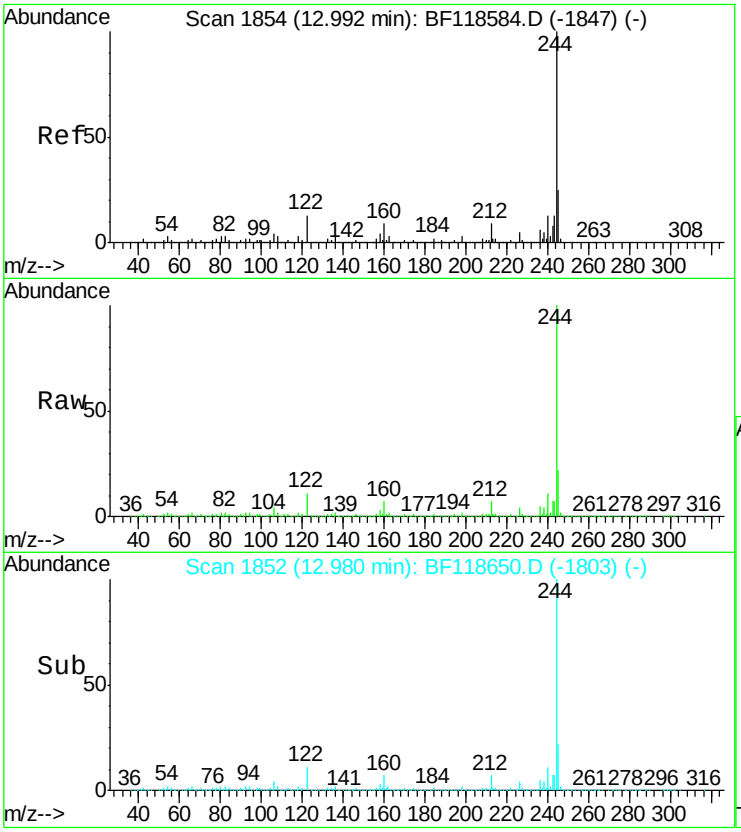


#78
Pyrene
Concen: 5.192 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:202 Resp: 320677

Ion	Ratio	Lower	Upper
202	100		
200	21.5	20.6	31.0
203	17.6	16.8	25.2

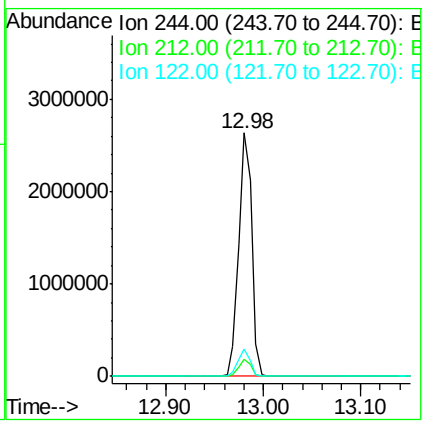




#79
Terphenyl-d14
Concen: 58.849 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:244 Resp: 2454815

Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.0	10.4
122	11.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

Manual Integrations APPROVED
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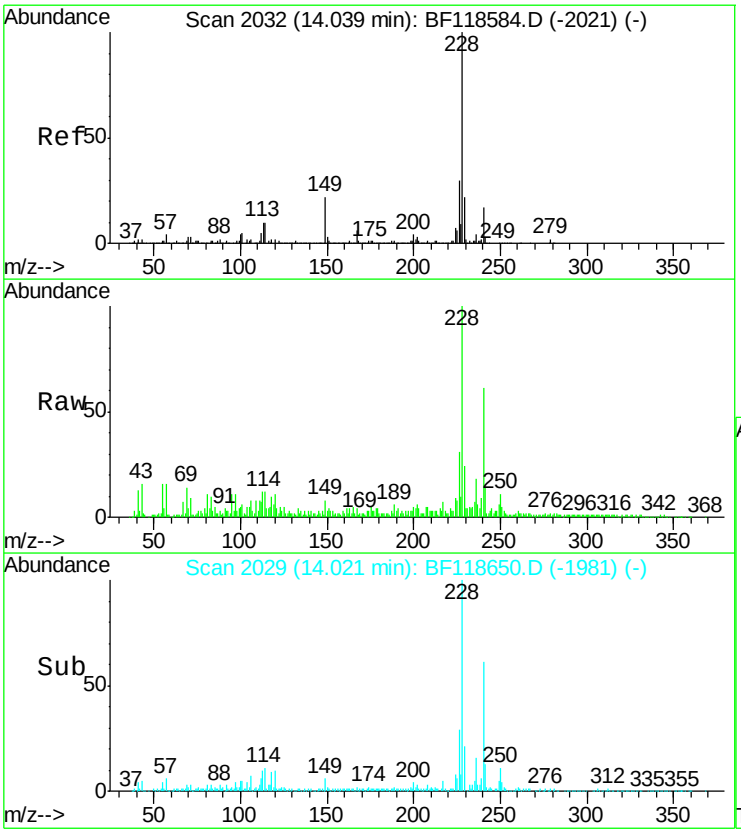
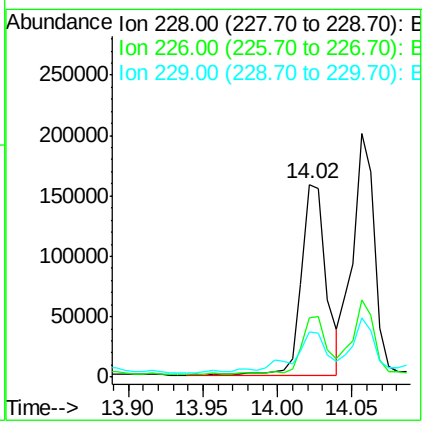
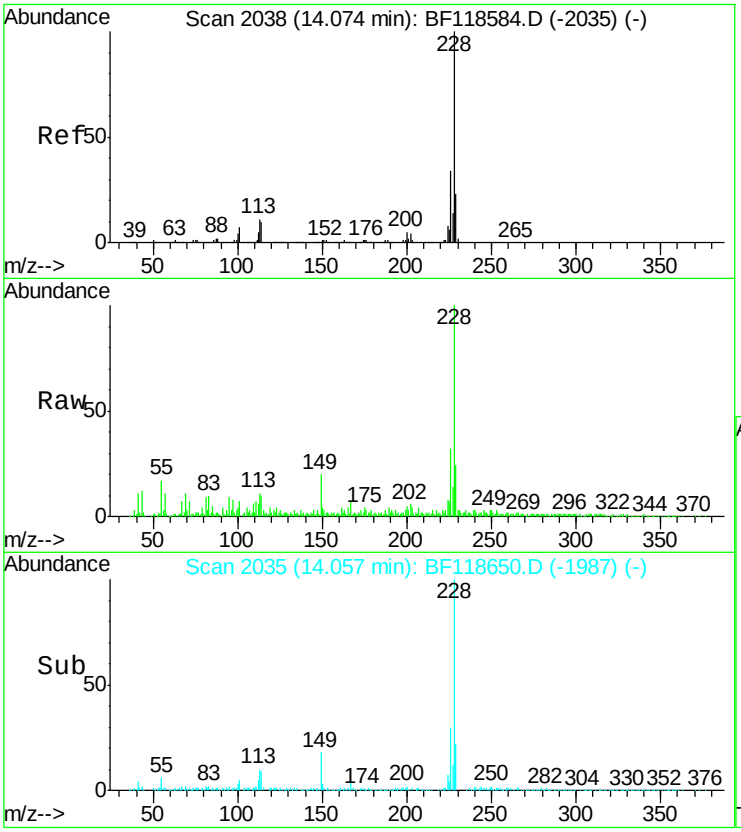


#81
Benzo(a)anthracene
Concen: 3.365 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:228 Resp: 184146

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	23.7	17.6	26.4

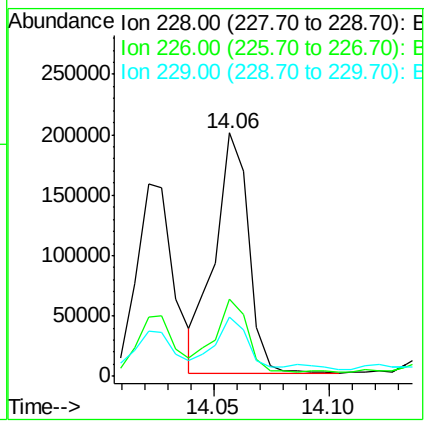




#83
Chrysene
Concen: 3.872 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:228 Resp: 203079

Ion	Ratio	Lower	Upper
228	100		
226	31.6	27.4	41.0
229	24.3	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
Q012-WC1

Manual Integrations APPROVED
mohammad
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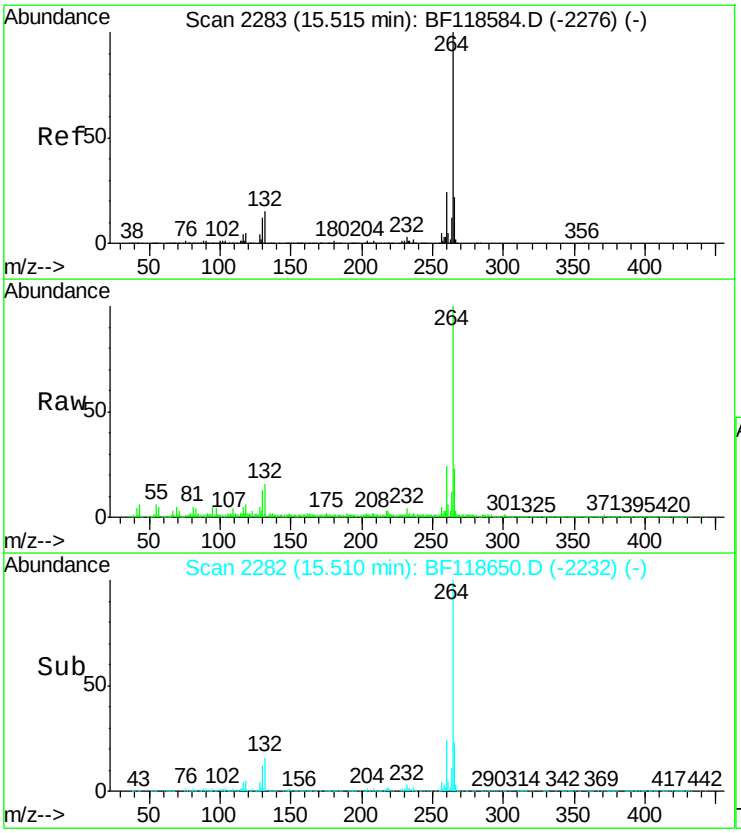
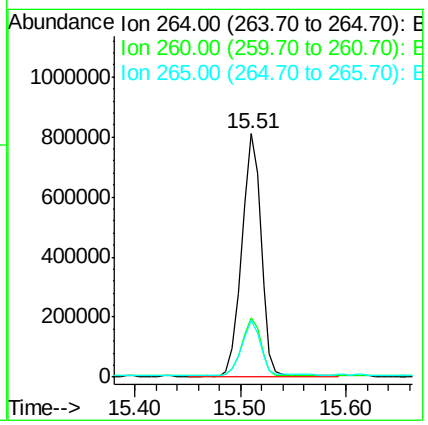
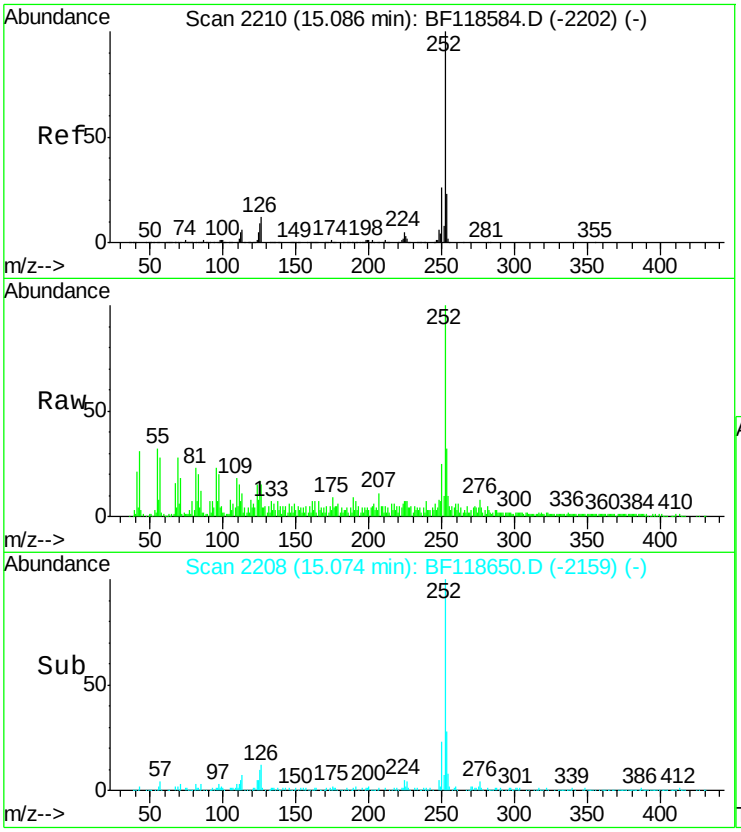


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:264 Resp: 1003822

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	23.1	17.7	26.5





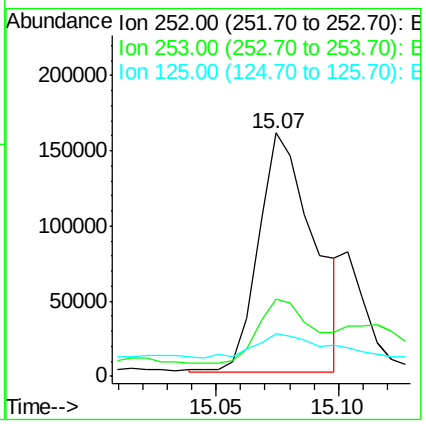
#88
Benzo(b)fluoranthene
Concen: 3.986 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

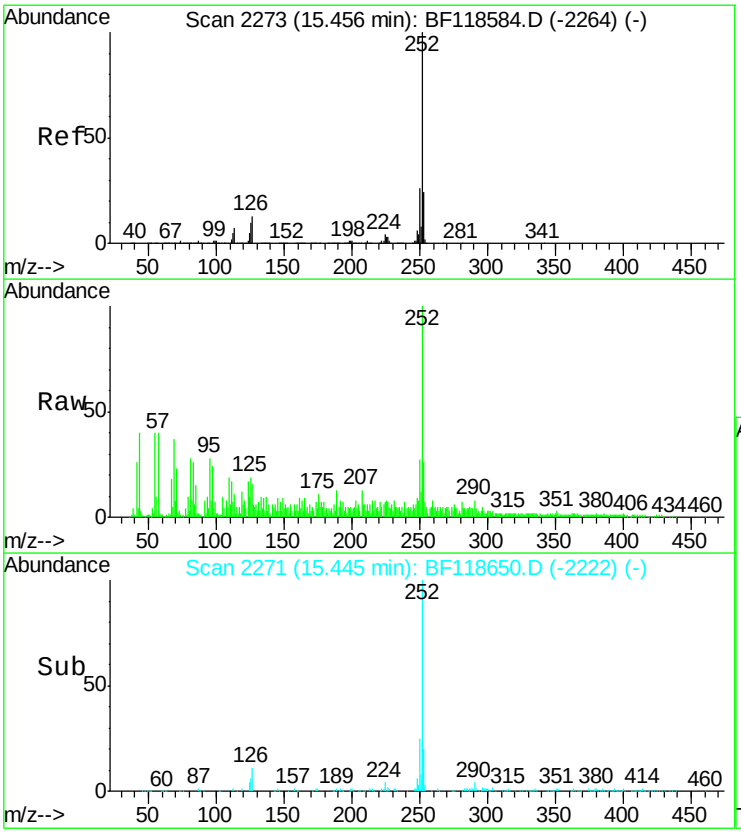
Tgt Ion:252 Resp: 251503

Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.7	28.1#
125	17.4	7.3	10.9#

Instrument :
BNA_F
ClientSampleId :
Q012-WC1

Manual Integrations APPROVED
mohammad
1/22/2020 1:36:31 PM





#90
Benzo(a)pyrene
Concen: 2.742 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF118650.D
Acq: 21 Jan 2020 23:37

Tgt Ion:252 Resp: 149226

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.8	28.2
125	19.1	7.8	11.6#