Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117870.D
Acq On : 19 Nov 2019 20:09
Operator : JU
Sample : K5865-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-(10-12)

Manual Integrations APPROVED
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Quant Time: Nov 20 01:20:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	211904	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	840292	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	428252	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	691759	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	462217	20.00	ng	-0.01
87) Perylene-d12	15.61	264	476961	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	260378	21.75	ng	-0.01
7) Phenol-d6	6.53	99	1058084	73.28	ng	-0.01
23) Nitrobenzene-d5	7.47	82	708862	50.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	20030	4.42	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	1340393	56.15	ng	-0.01
79) Terphenyl-d14	13.04	244	1179709	46.65	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.55	94	88107	5.872	ng	92
15) Benzyl Alcohol	7.05	79	61129	5.483	ng	99
50) Dimethylphthalate	9.67	163	182362	6.072	ng	98
71) Phenanthrene	11.48	178	219960	6.324	ng	97
78) Pyrene	12.90	202	183599	4.915	ng	97
81) Benzo(a)anthracene	14.09	228	80912	2.649	ng	96
83) Chrysene	14.13	228	74315	2.511	ng	96
88) Benzo(b)fluoranthene	15.16	252	82517m	2.663	ng	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117870.D
Acq On : 19 Nov 2019 20:09
Operator : JU
Sample : K5865-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 20 01:20:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
3-(10-12)

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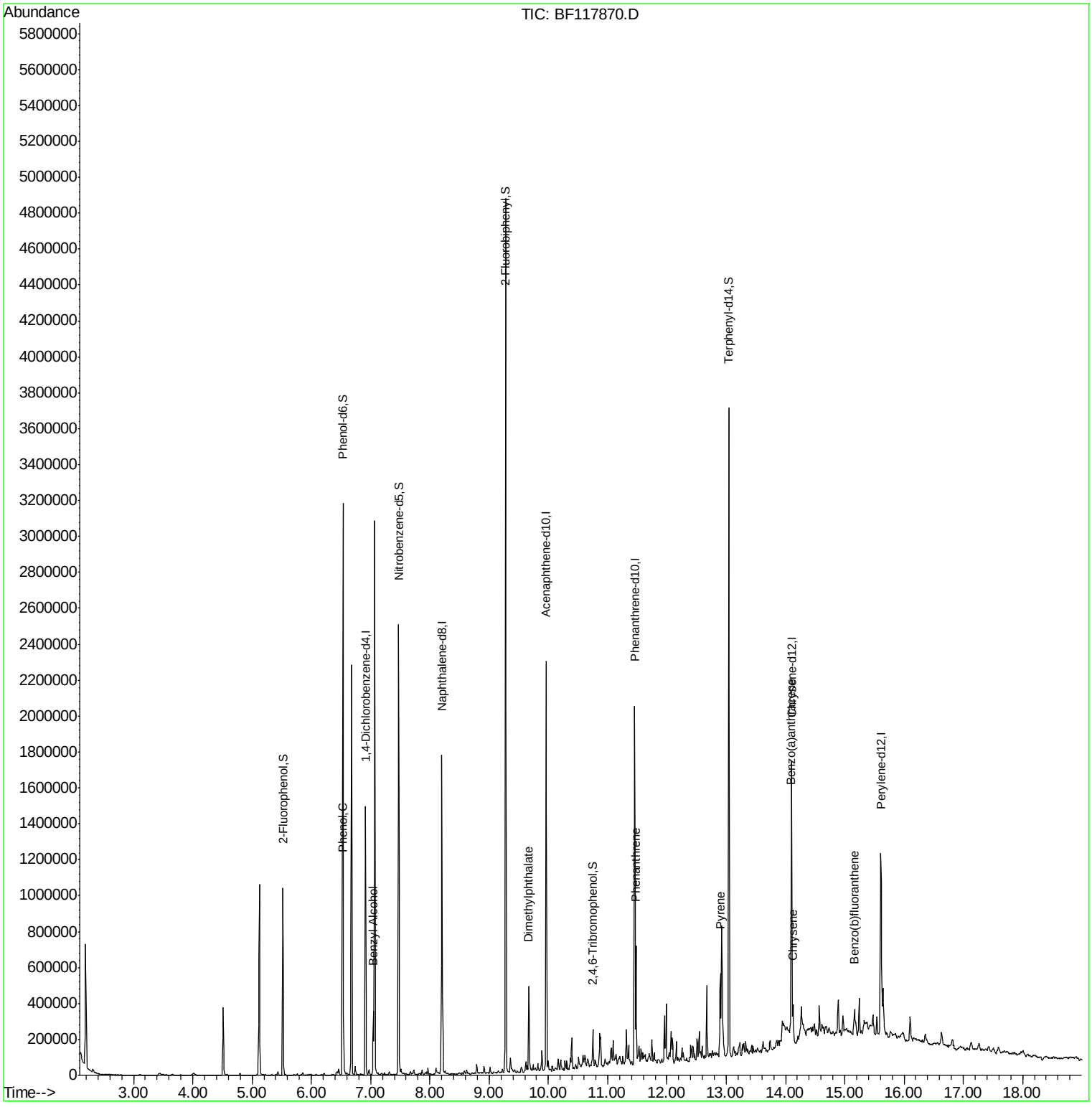
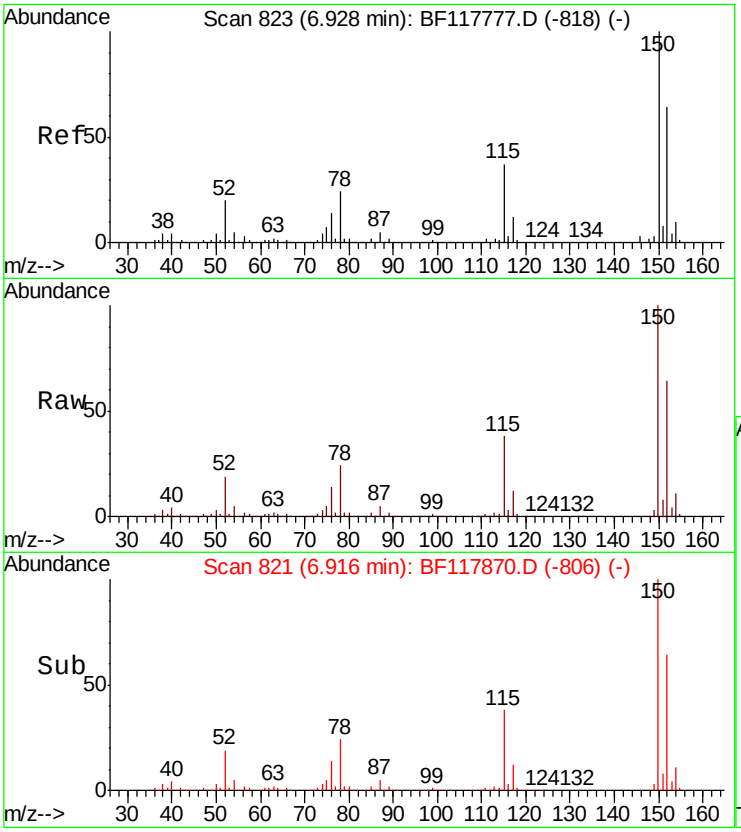
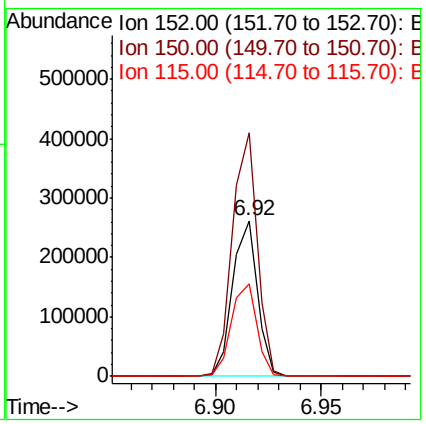




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:152 Resp: 211904

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	59.8	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

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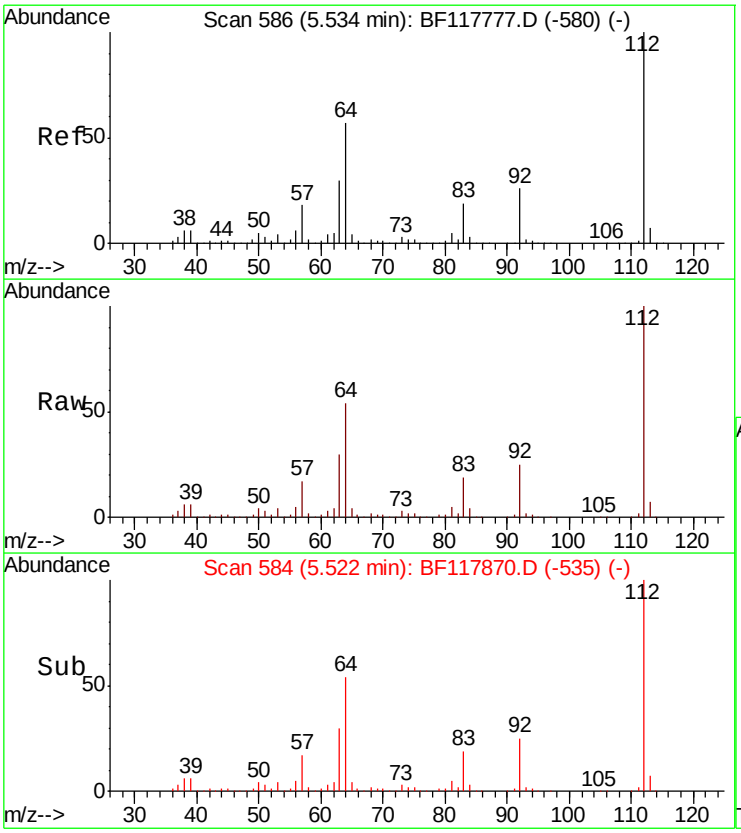
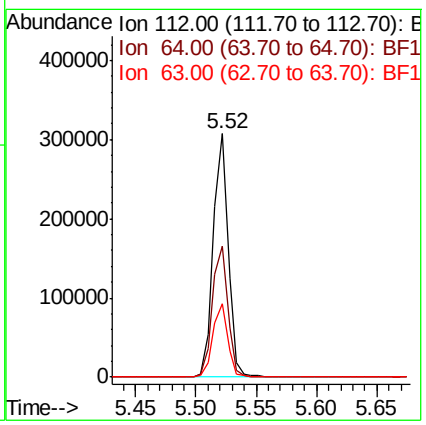
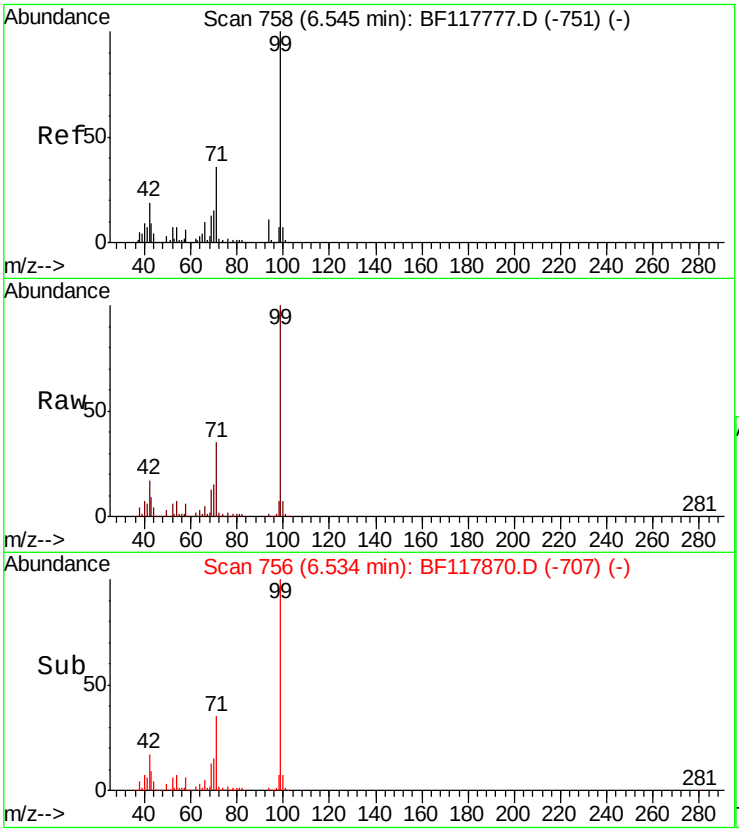


#5
2-Fluorophenol
Concen: 21.750 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:112 Resp: 260378

Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.6	68.4
63	29.9	24.1	36.1

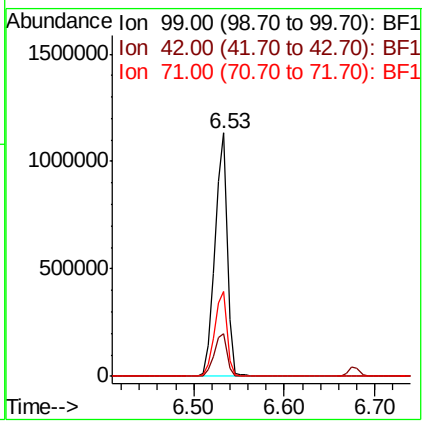




#7
Phenol-d6
Concen: 73.278 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion: 99 Resp: 1058084

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	35.0	28.6	43.0



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

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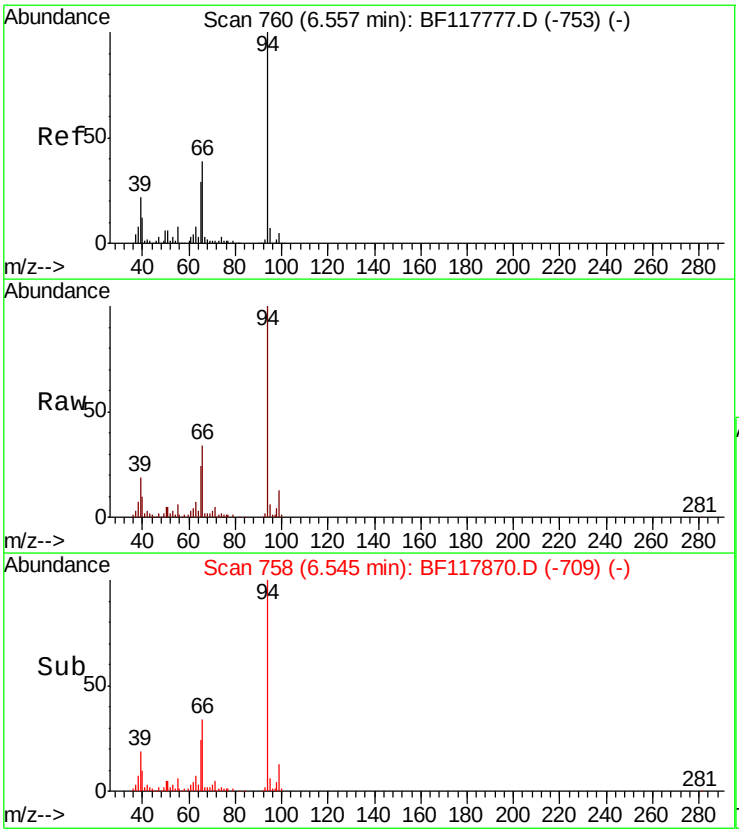
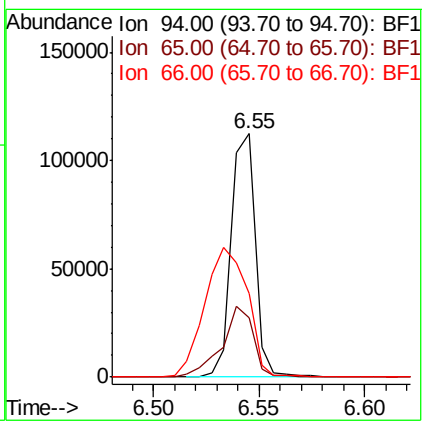
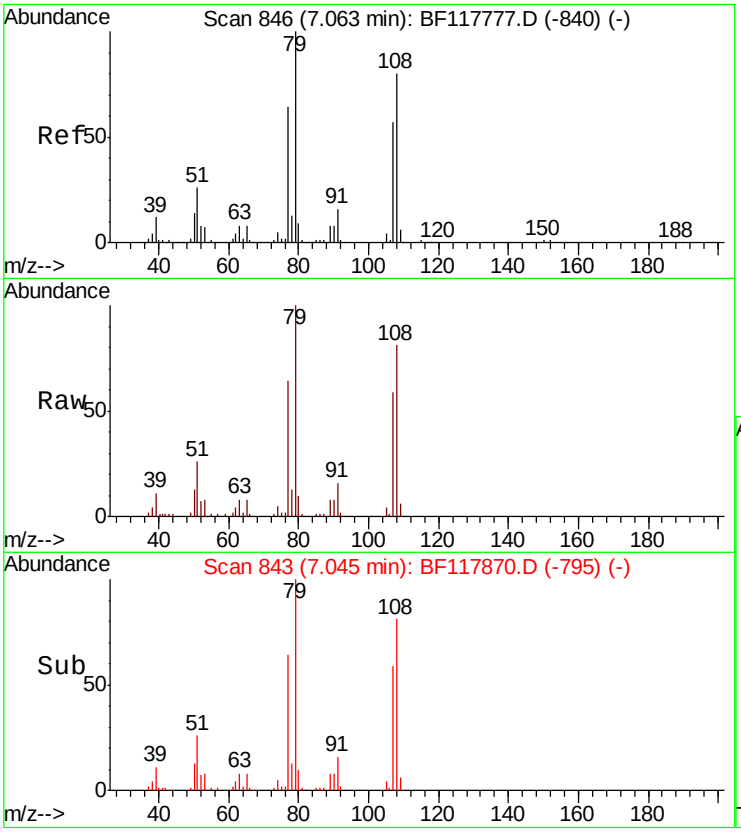


#10
Phenol
Concen: 5.872 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion: 94 Resp: 88107

Ion	Ratio	Lower	Upper
94	100		
65	24.1	8.9	48.9
66	34.4	18.7	58.7

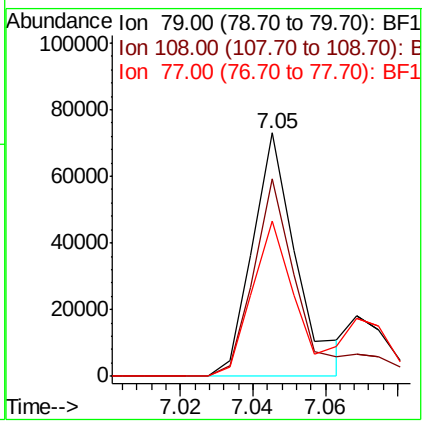




#15
Benzyl Alcohol
Concen: 5.483 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion: 79 Resp: 61129

Ion	Ratio	Lower	Upper
79	100		
108	81.1	64.1	96.1
77	63.7	51.3	76.9



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

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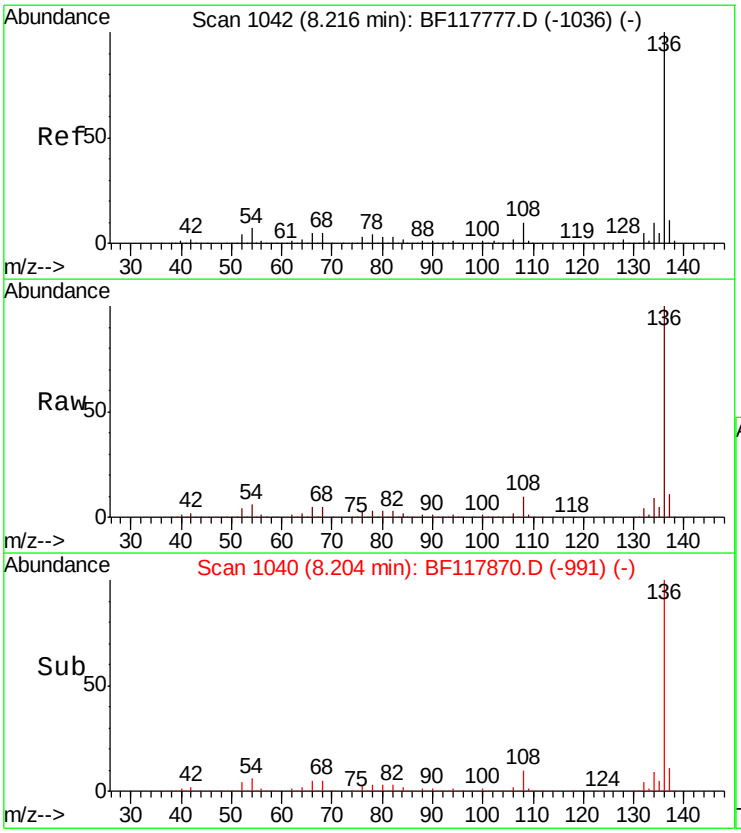
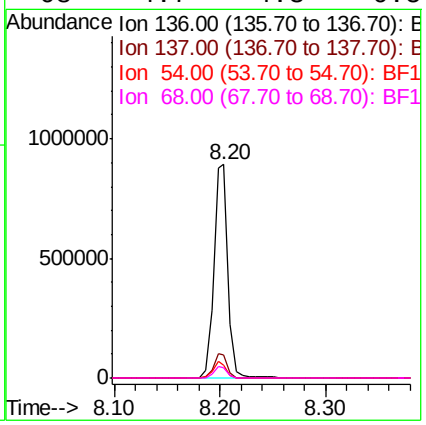
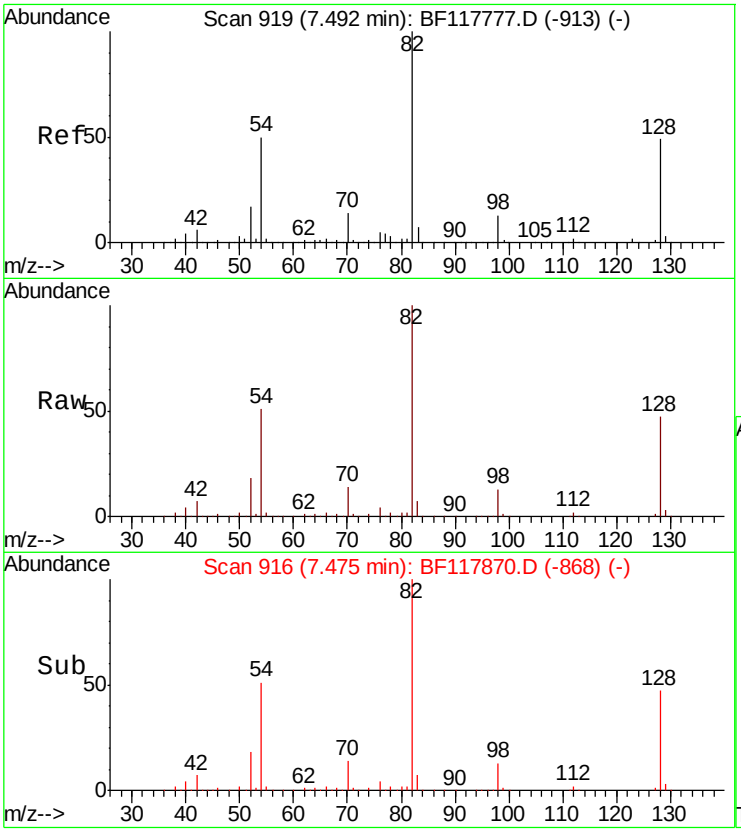


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:136 Resp: 840292

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.2	5.4	8.2
68	4.7	4.3	6.5

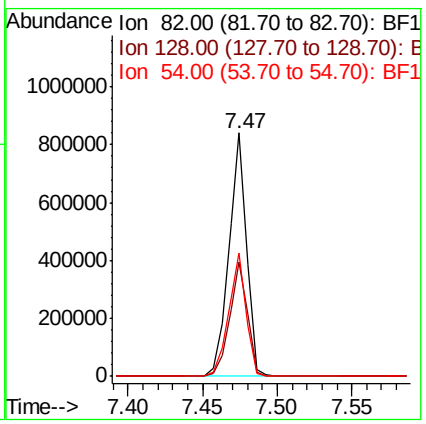




#23
Nitrobenzene-d5
Concen: 50.148 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion: 82 Resp: 708862

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.9	58.3
54	50.6	39.8	59.6



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

Manual Integrations APPROVED
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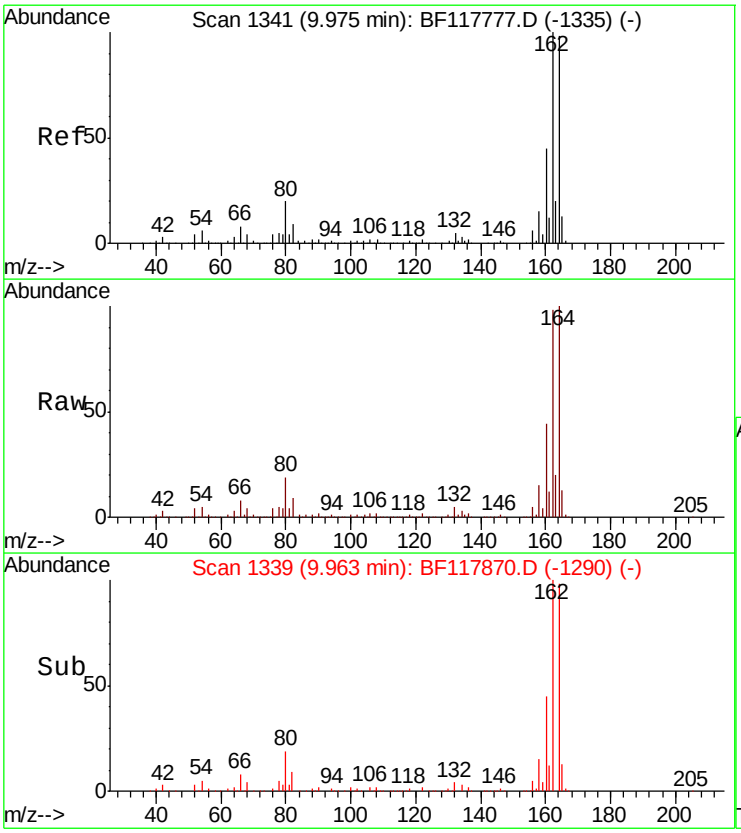
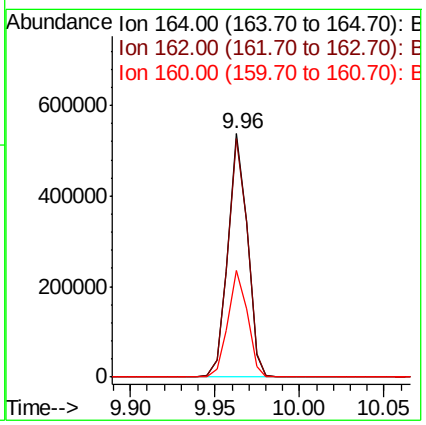
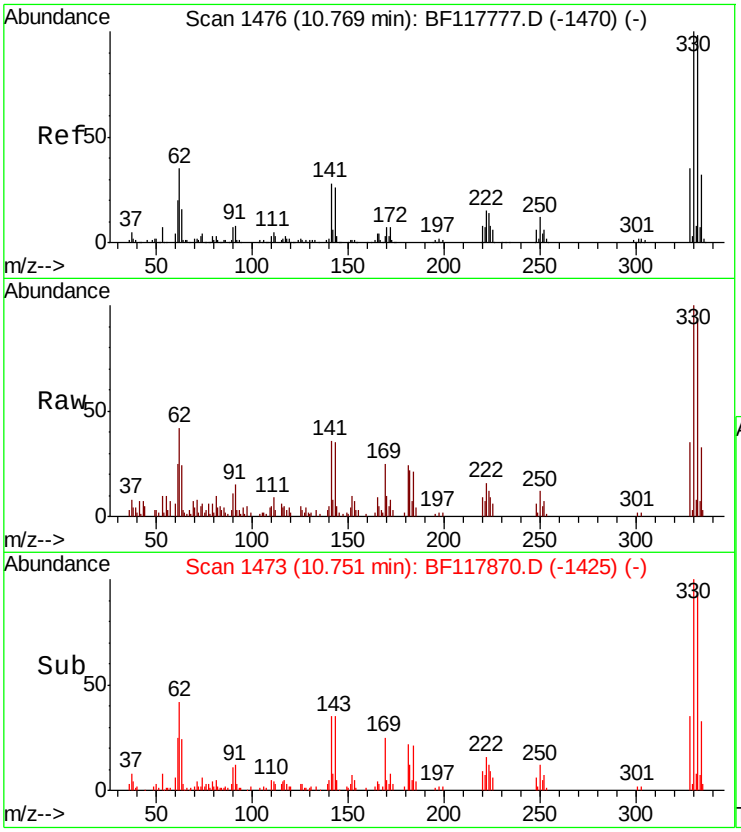


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:164 Resp: 428252

Ion	Ratio	Lower	Upper
164	100		
162	97.8	81.3	121.9
160	43.7	36.6	55.0

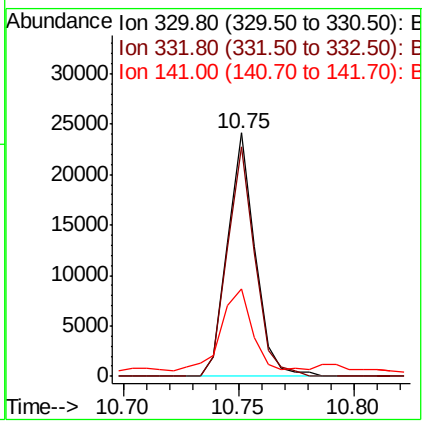




#42
2,4,6-Tribromophenol
Concen: 4.418 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:330 Resp: 20030

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	39.0	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

Manual Integrations APPROVED
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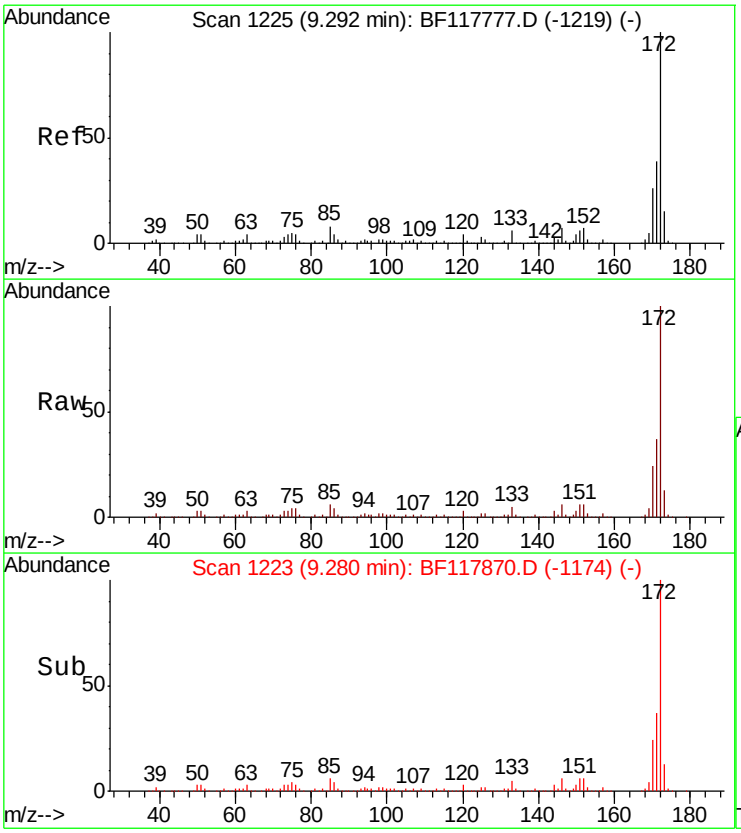
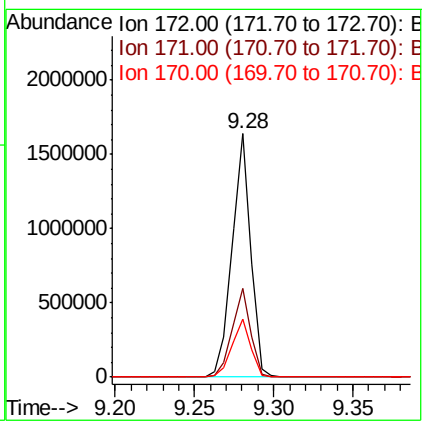
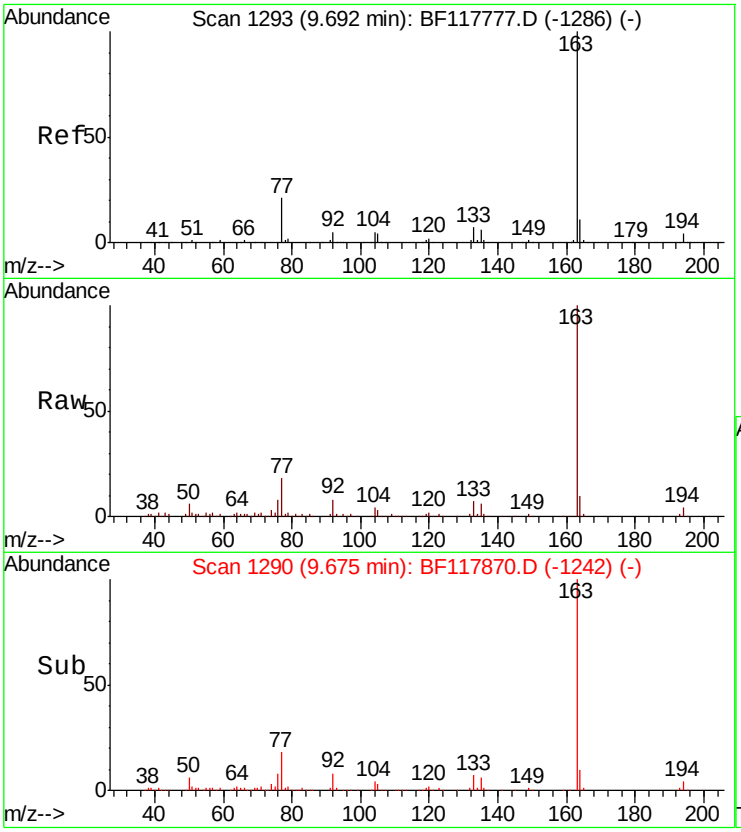


#45
2-Fluorobiphenyl
Concen: 56.152 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:172 Resp: 1340393

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.0	21.0	31.4

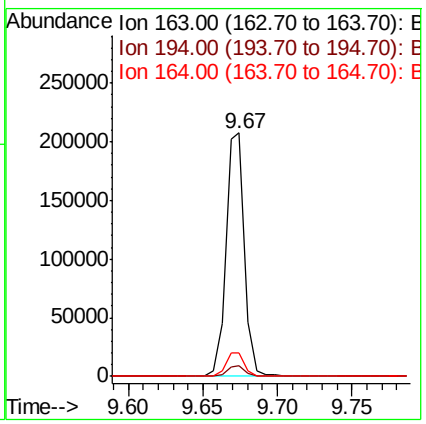




#50
Dimethylphthalate
Concen: 6.072 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:163 Resp: 182362

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.8	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

Manual Integrations APPROVED
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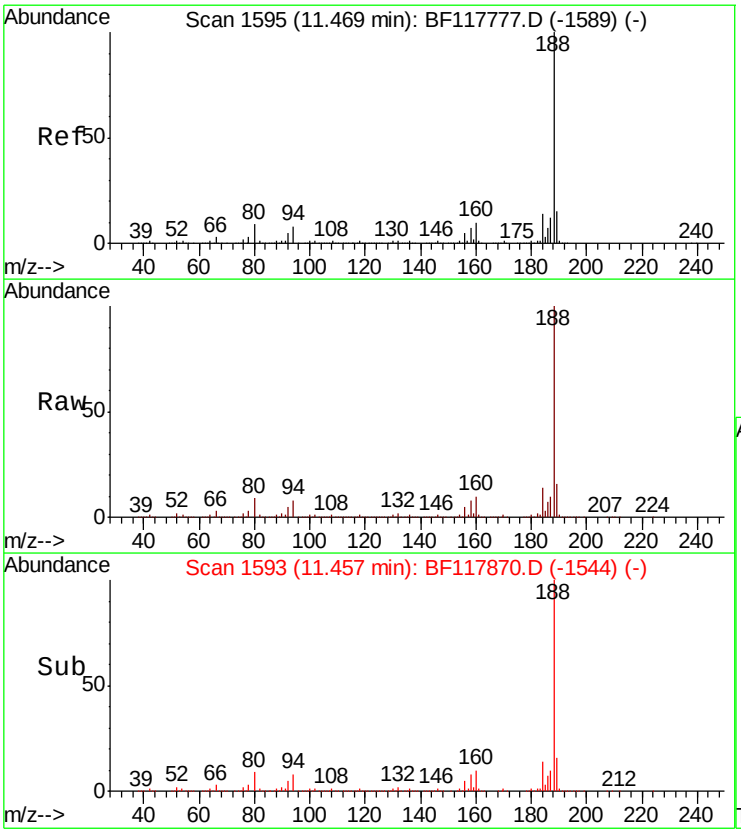
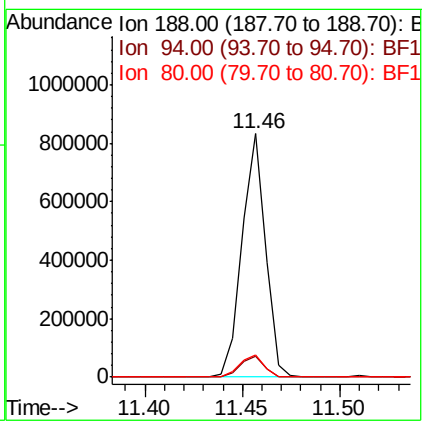
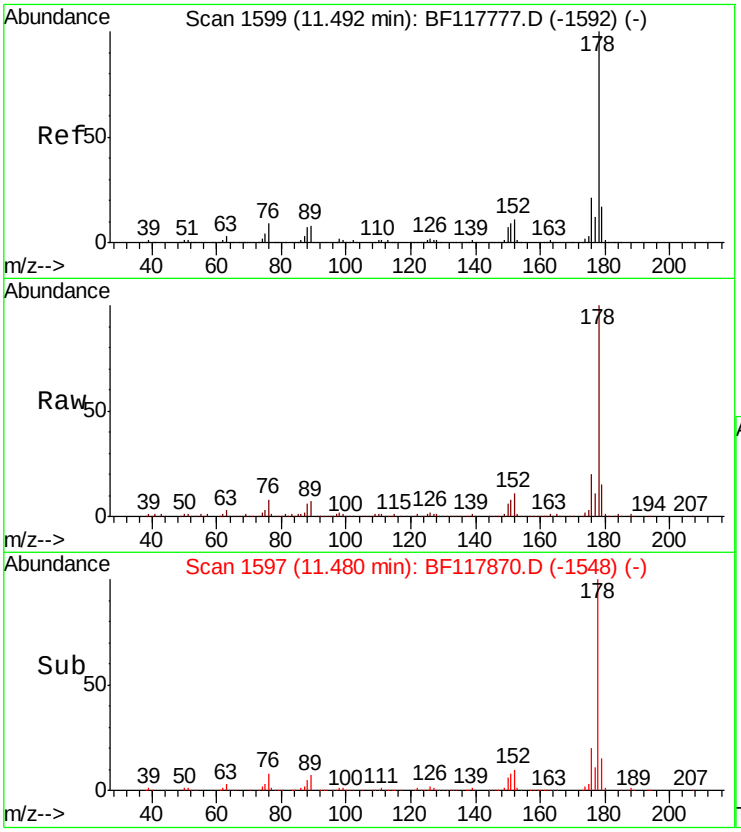


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:188 Resp: 691759

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.2	7.2	10.8

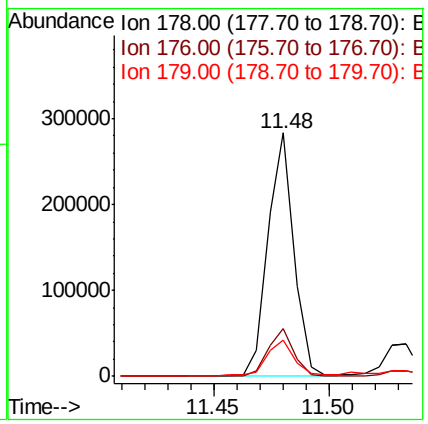




#71
Phenanthrene
Concen: 6.324 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:178 Resp: 219960

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	14.9	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

Manual Integrations APPROVED
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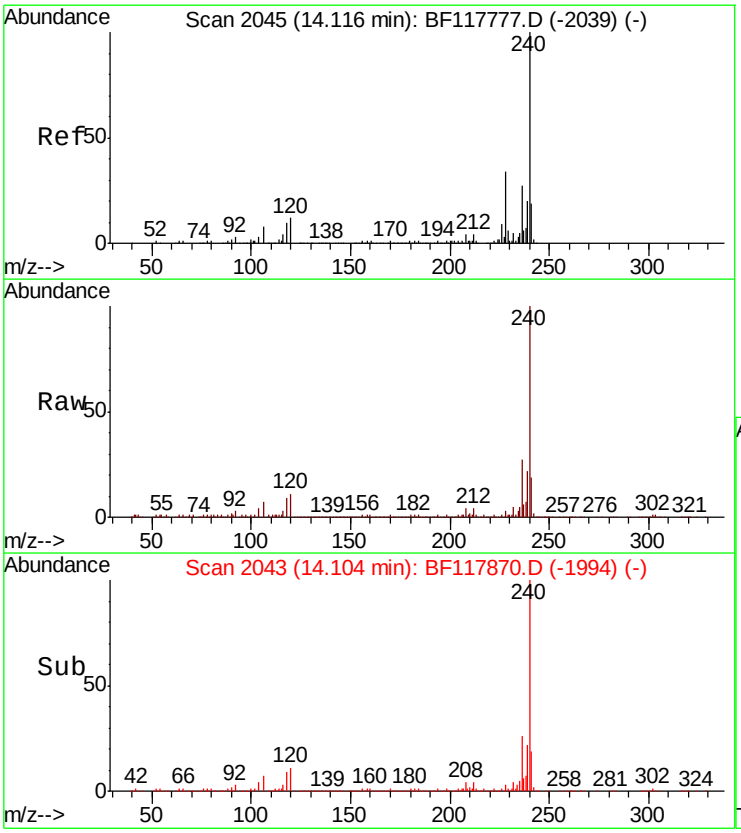
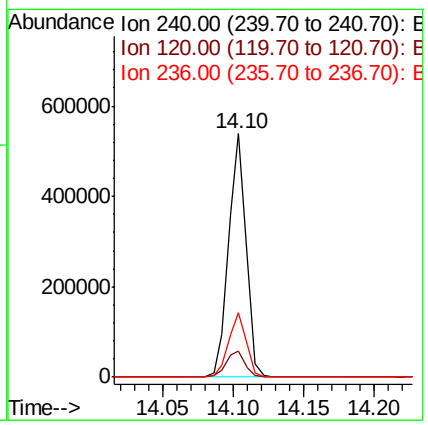
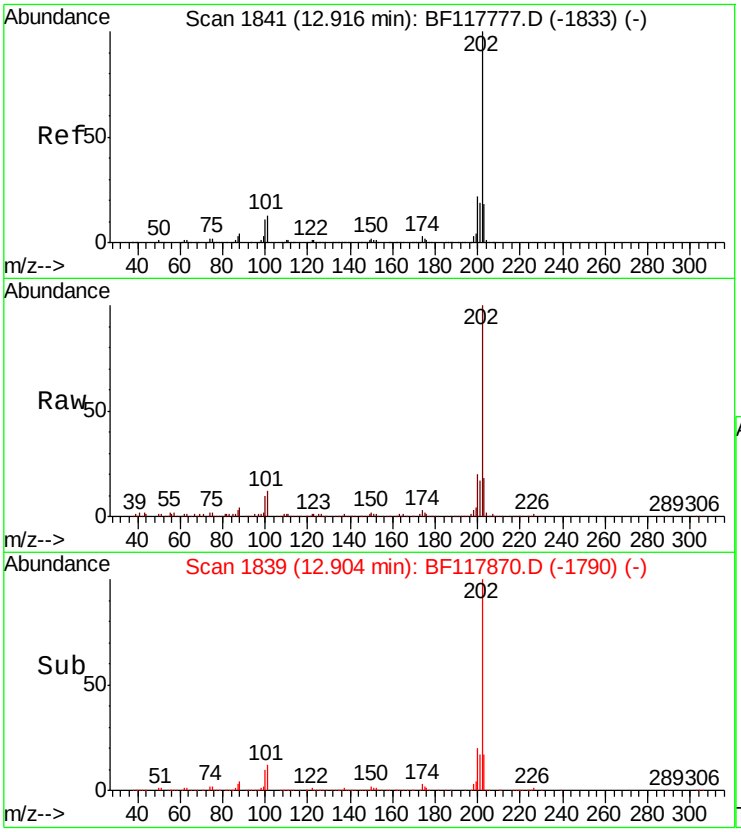


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:240 Resp: 462217

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.5	21.3	31.9

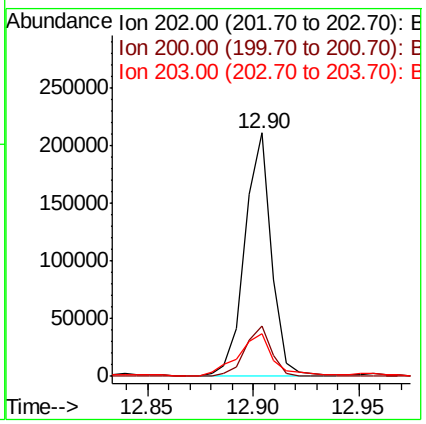




#78
Pyrene
Concen: 4.915 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:202 Resp: 183599

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.8
203	17.5	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

Manual Integrations APPROVED
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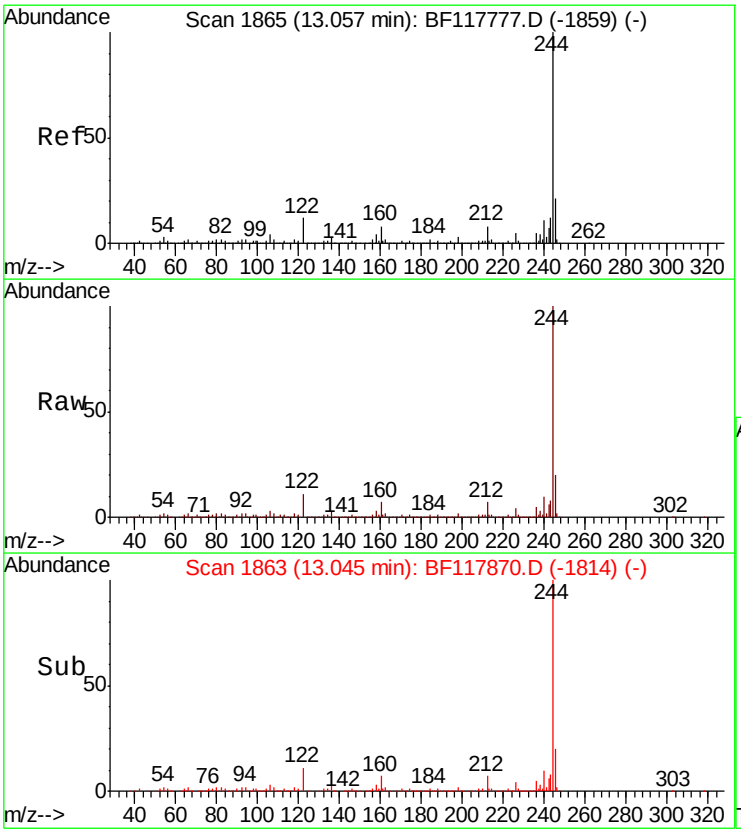
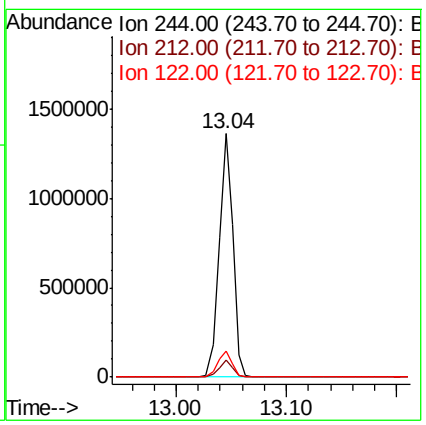
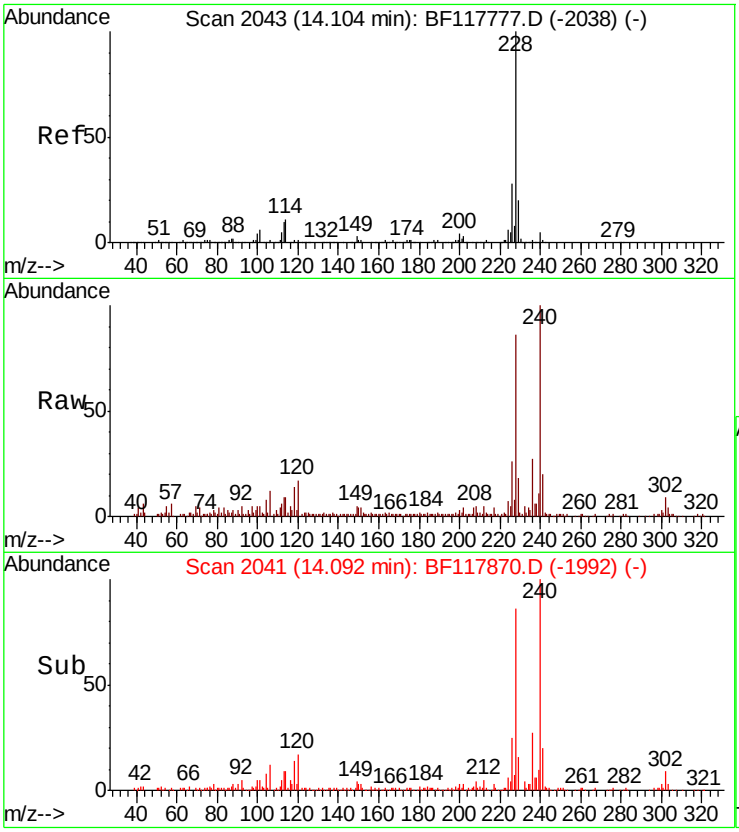


#79
Terphenyl-d14
Concen: 46.646 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:244 Resp: 1179709

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	10.6	9.4	14.2

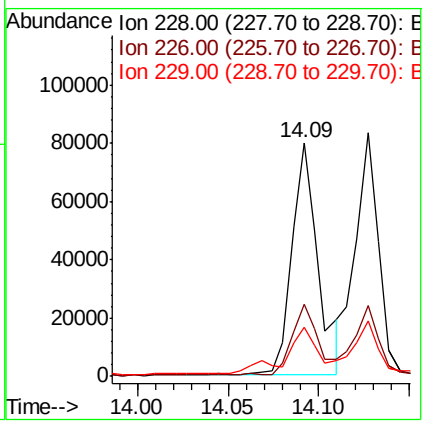




#81
Benzo(a)anthracene
Concen: 2.649 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:228 Resp: 80912

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.2
229	20.9	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

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mohammad
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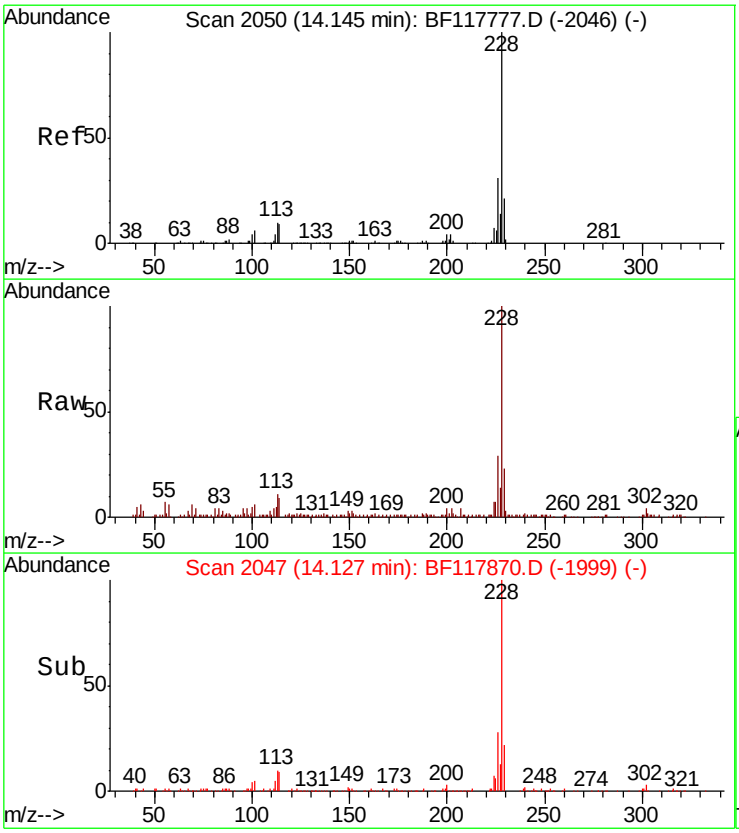
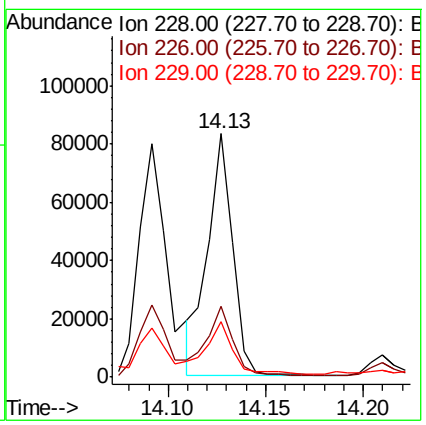
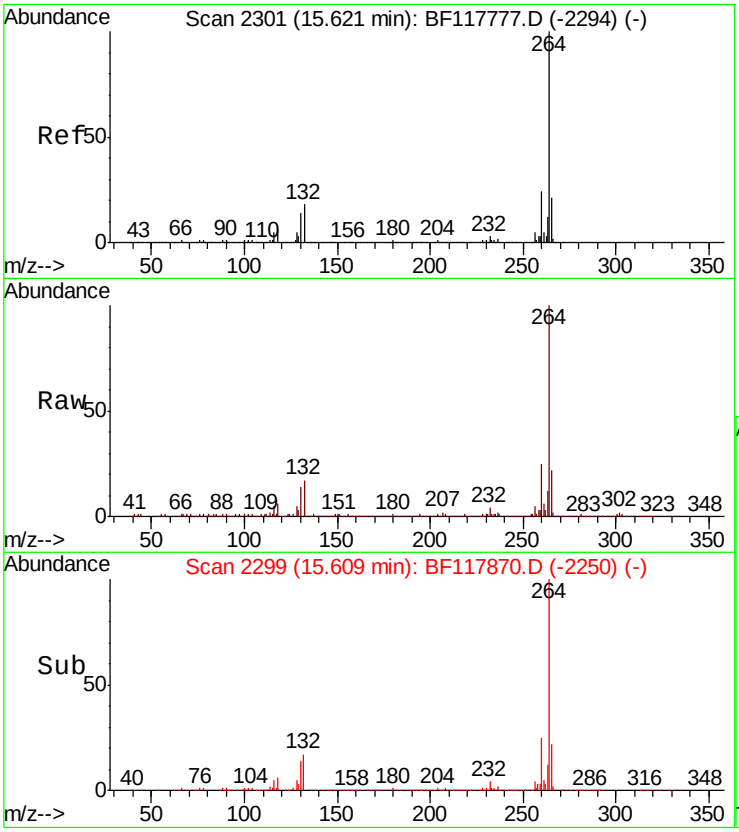


#83
Chrysene
Concen: 2.511 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:228 Resp: 74315

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.4
229	22.5	16.6	25.0

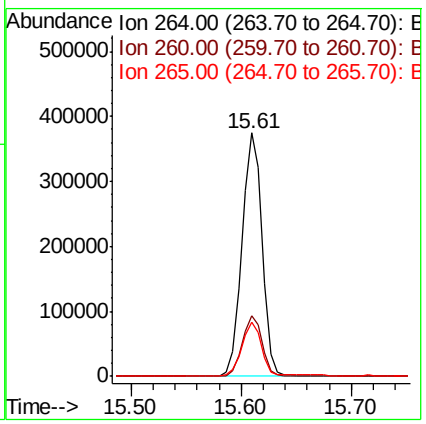




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

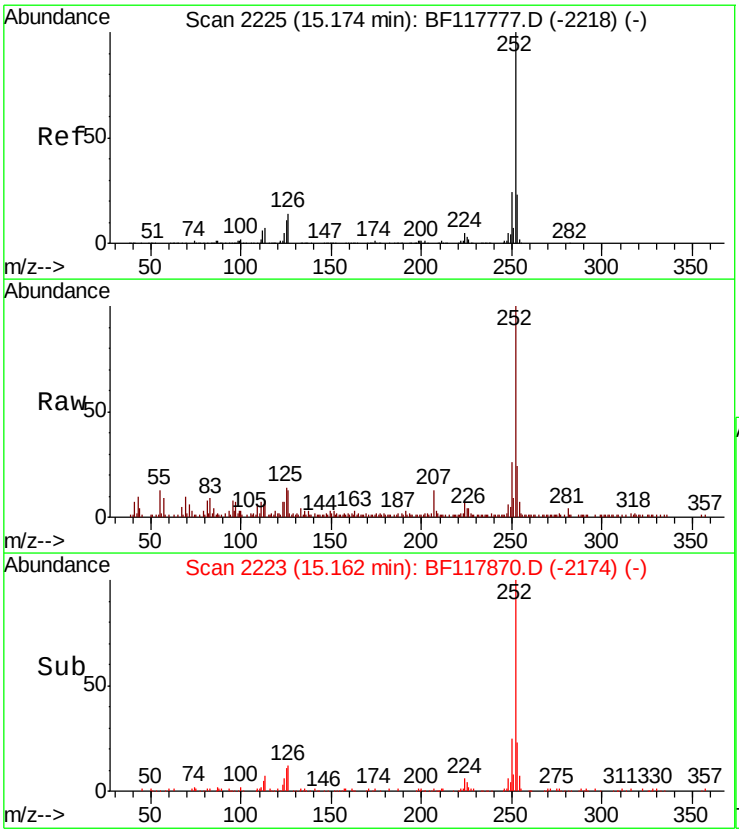
Tgt Ion:264 Resp: 476961

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.4	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
3-(10-12)

Manual Integrations APPROVED
mohammad
11/20/2019 1:49:30 PM



#88
Benzo(b)fluoranthene
Concen: 2.663 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:252 Resp: 82517

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	14.0	8.6	13.0#