Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
Jagrut
8/19/2019 3:31:07 PM

Quant Time: Aug 19 07:11:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149126	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	575099	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	295806	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	494608	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	301807	20.00	ng	-0.04
87) Perylene-d12	15.42	264	317933	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	917490	103.00	ng	-0.03
7) Phenol-d6	6.45	99	1186088	105.53	ng	-0.04
23) Nitrobenzene-d5	7.37	82	773048	77.59	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	295307	102.97	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1258196	79.67	ng	-0.04
79) Terphenyl-d14	12.90	244	1248771	87.19	ng	-0.05
Target Compounds						Qvalue
50) Dimethylphthalate	9.56	163	240336	11.933	ng	98
71) Phenanthrene	11.35	178	208308	8.238	ng	98
75) Fluoranthene	12.54	202	398599	15.058	ng	99
78) Pyrene	12.77	202	357792	15.727	ng	99
81) Benzo(a)anthracene	13.96	228	145351	7.535	ng	99
83) Chrysene	13.99	228	162319	8.667	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	98990	6.293	ng	96
88) Benzo(b)fluoranthene	15.00	252	207774m	11.302	ng	
89) Benzo(k)fluoranthene	15.03	252	75666m	4.226	ng	
90) Benzo(a)pyrene	15.37	252	134096	8.160	ng	99
92) Benzo(g,h,i)perylene	17.33	276	92658	6.633	ng	98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 19 07:11:59 2019
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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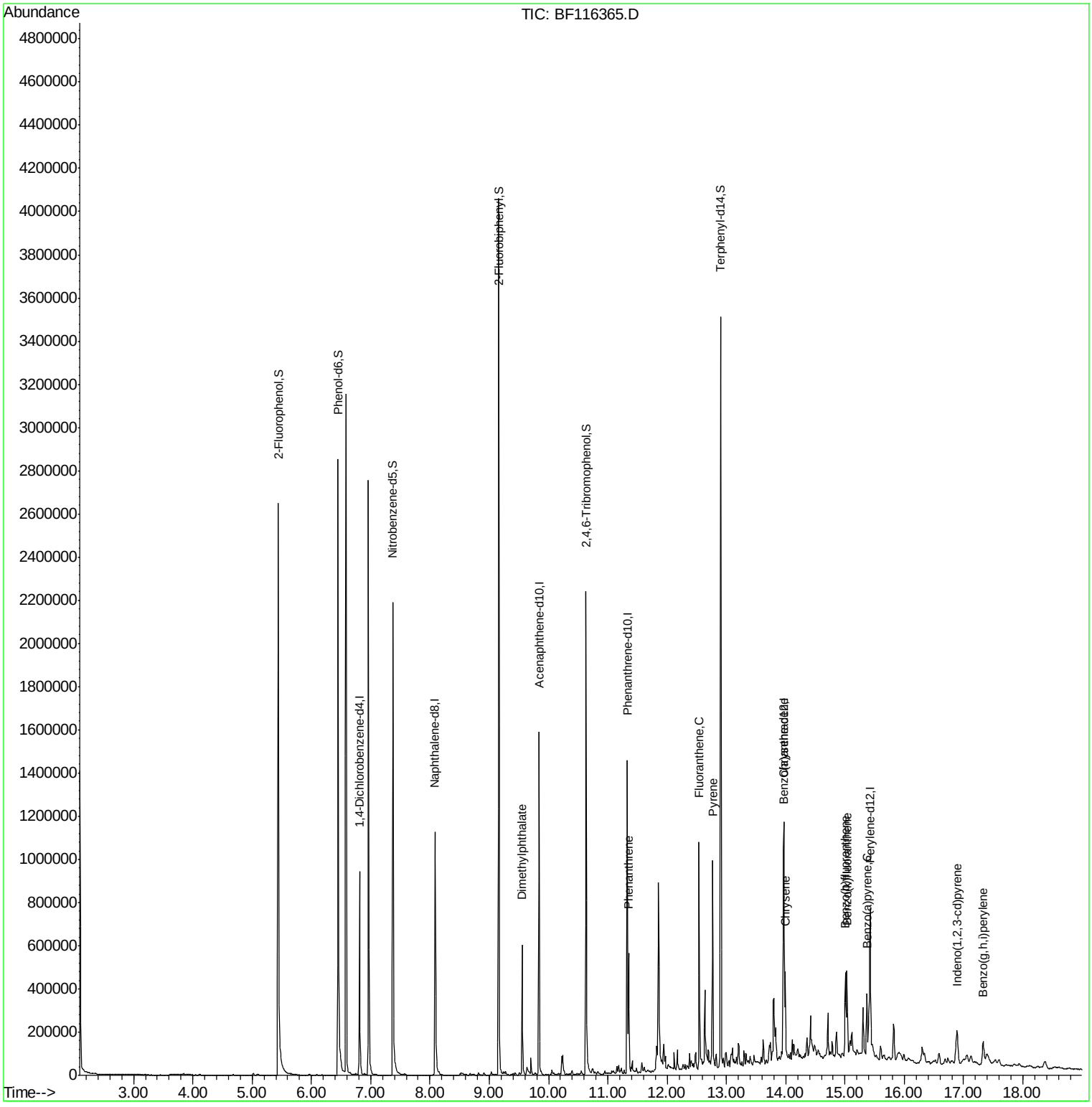
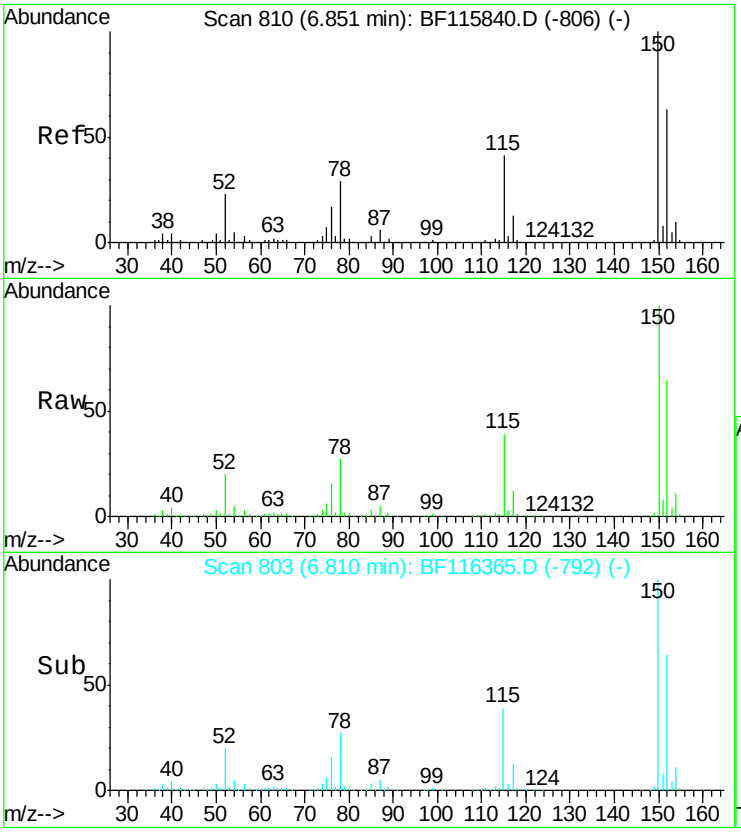
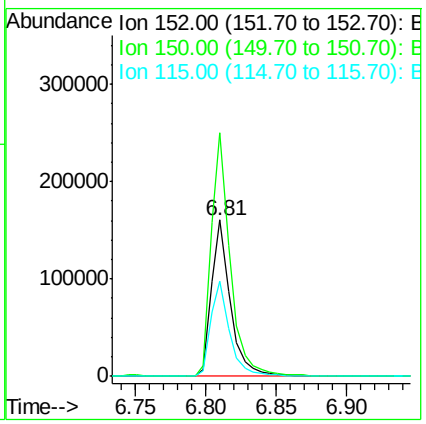




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:152 Resp: 149126

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	60.6	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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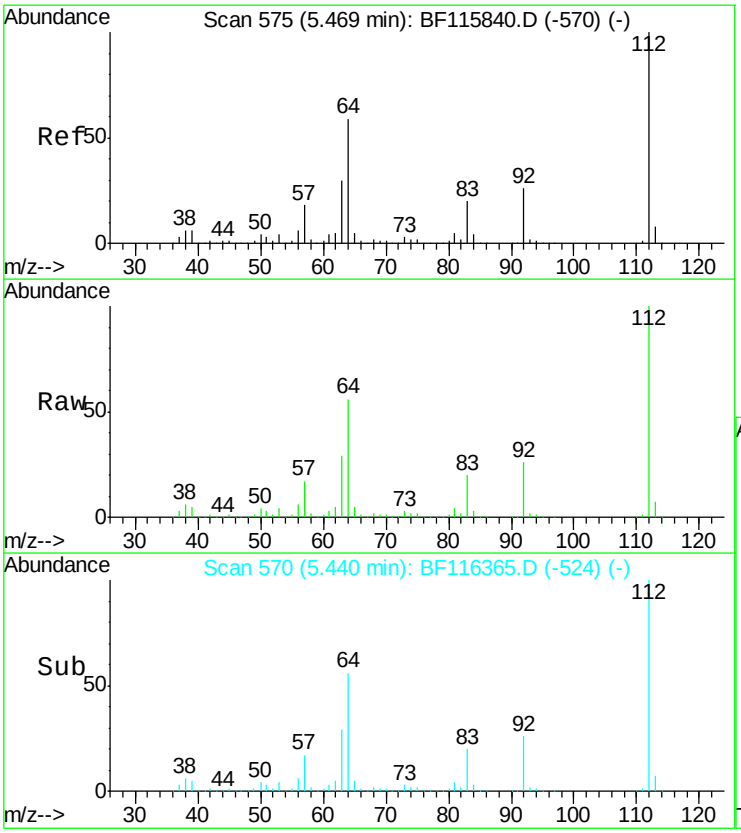
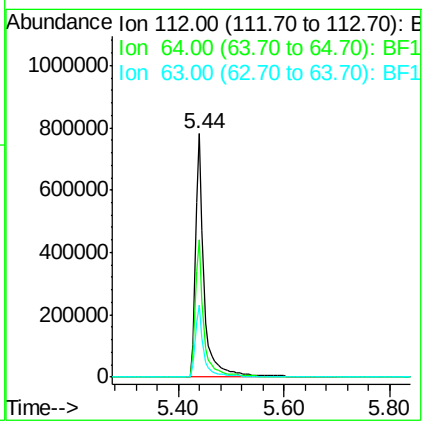
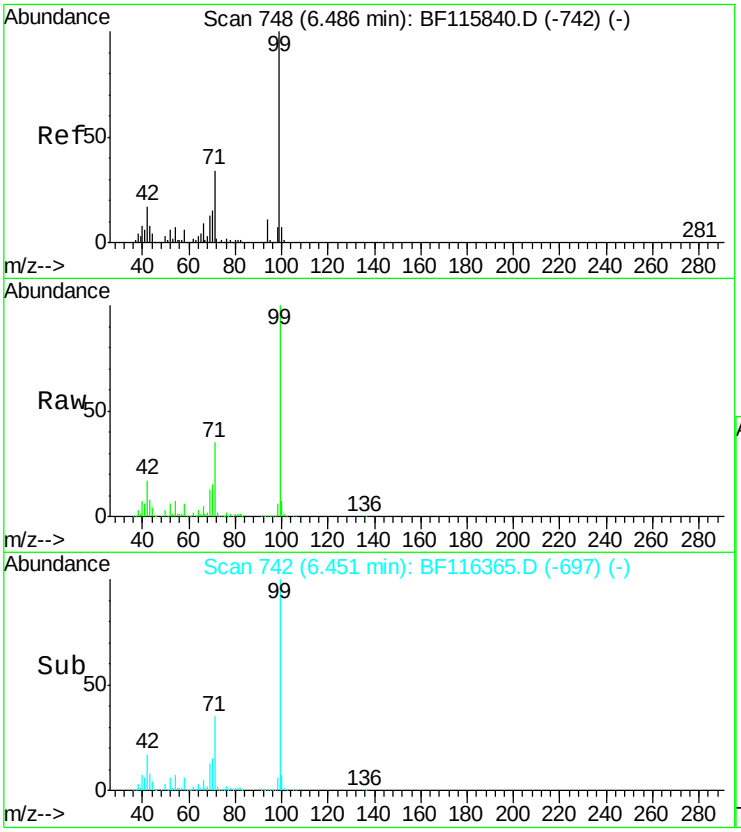


#5
2-Fluorophenol
Concen: 102.996 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:112 Resp: 917490

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.4	68.2
63	29.5	23.7	35.5

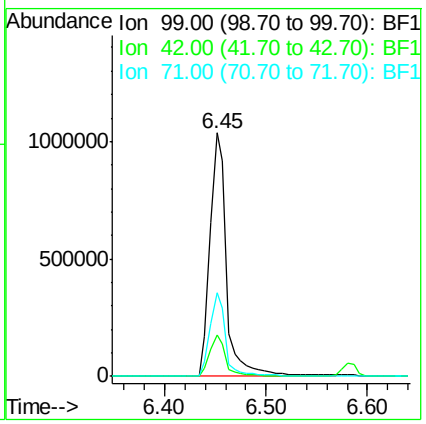




#7
Phenol-d6
Concen: 105.533 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion: 99 Resp: 1186088

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	34.6	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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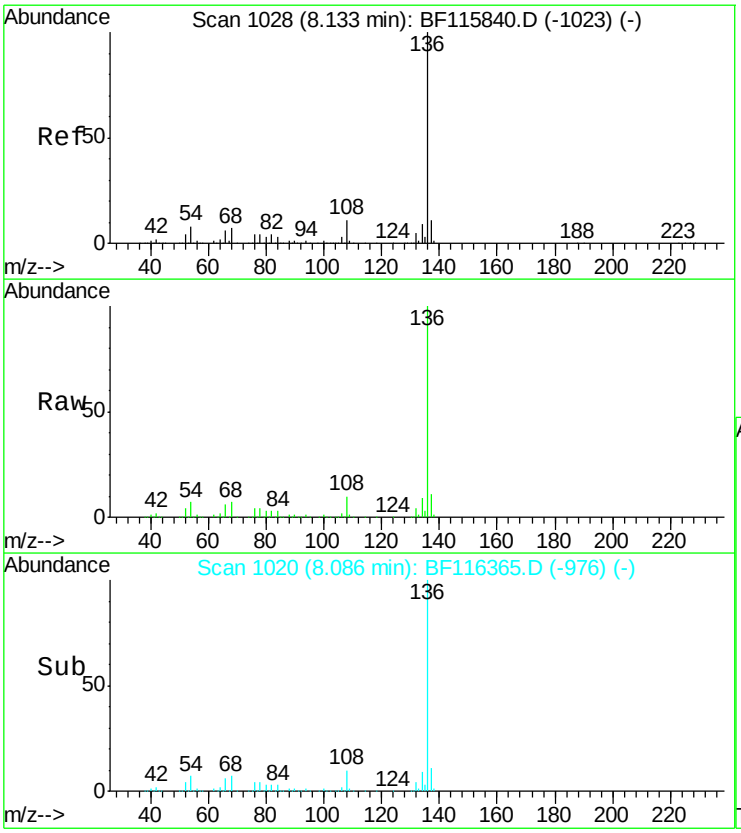
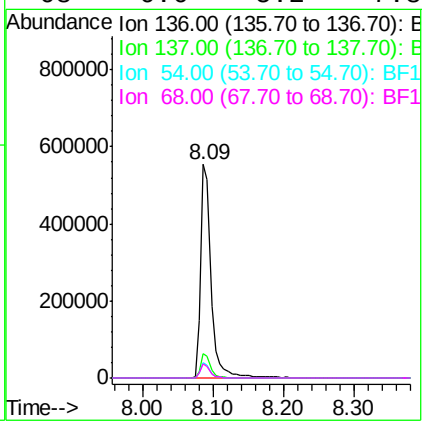
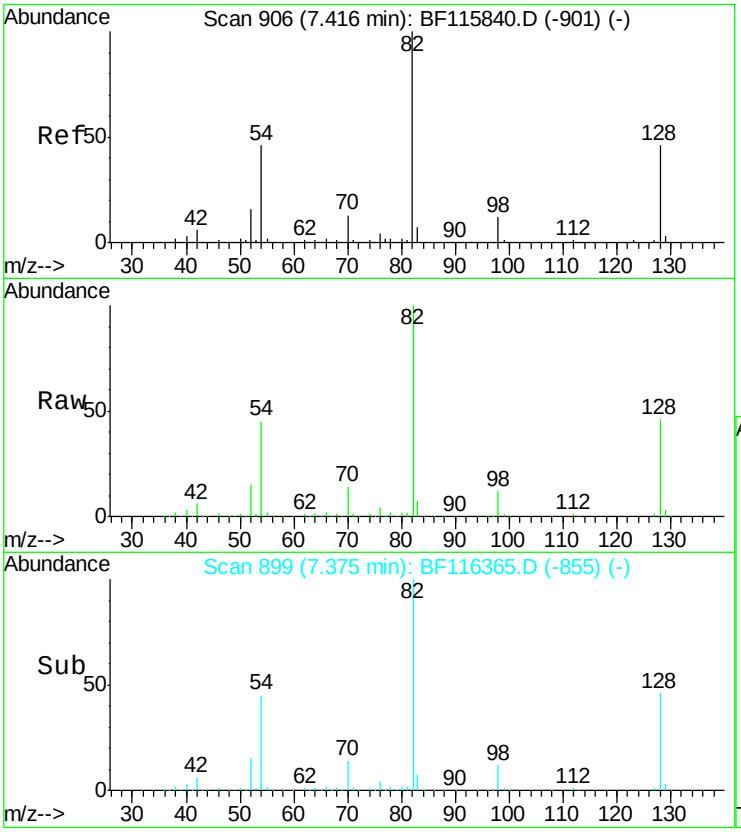


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:136 Resp: 575099

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.3	5.8	8.6
68	6.6	5.2	7.8

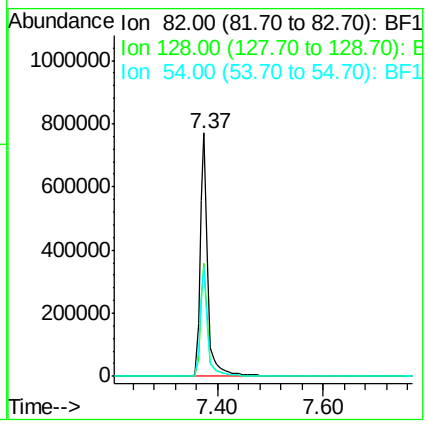




#23
Nitrobenzene-d5
Concen: 77.591 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion: 82 Resp: 773048

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	44.9	36.0	54.0



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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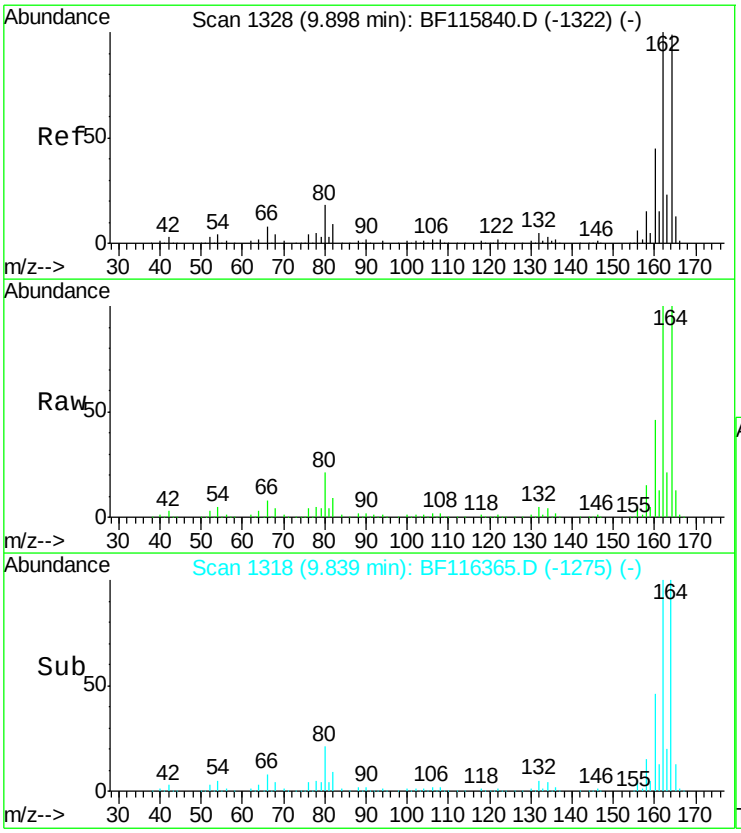
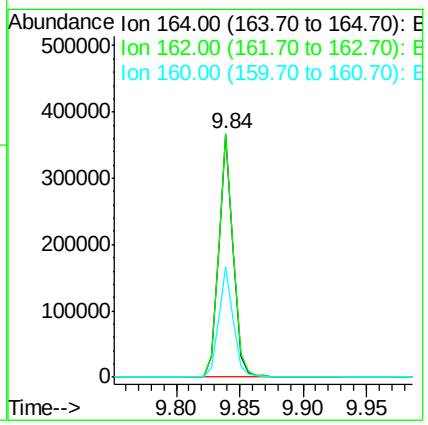
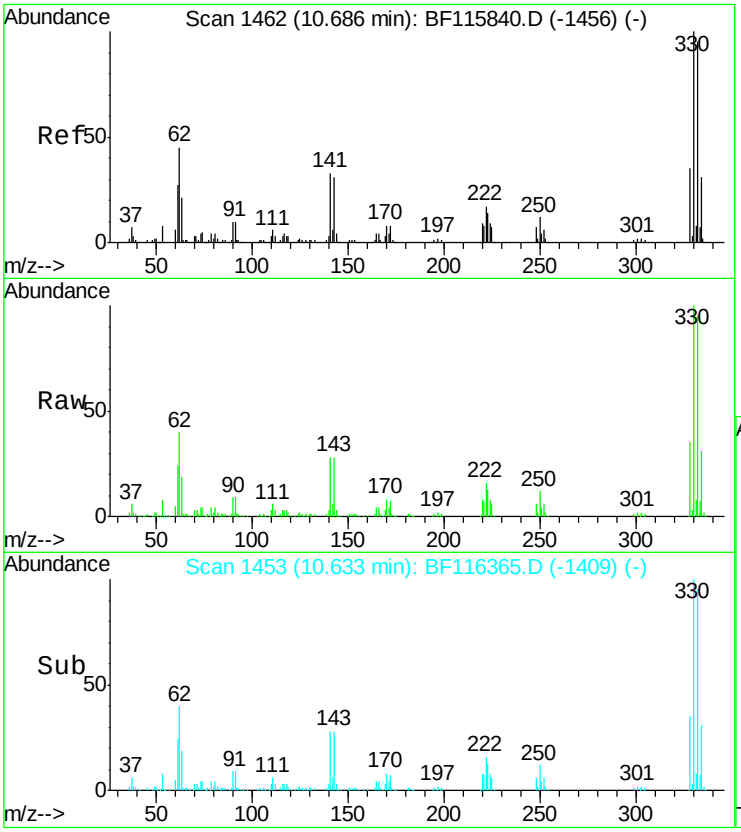


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:164 Resp: 295806

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	124.0
160	45.8	37.6	56.4

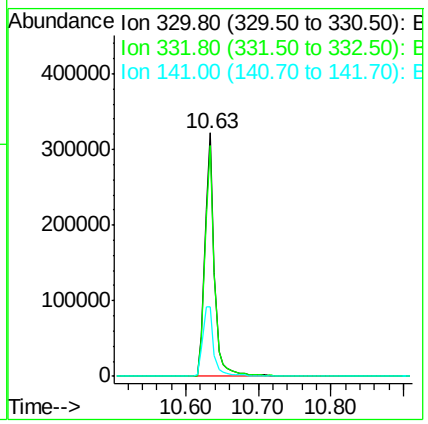




#42
2,4,6-Tribromophenol
Concen: 102.969 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:330 Resp: 295307

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	33.7	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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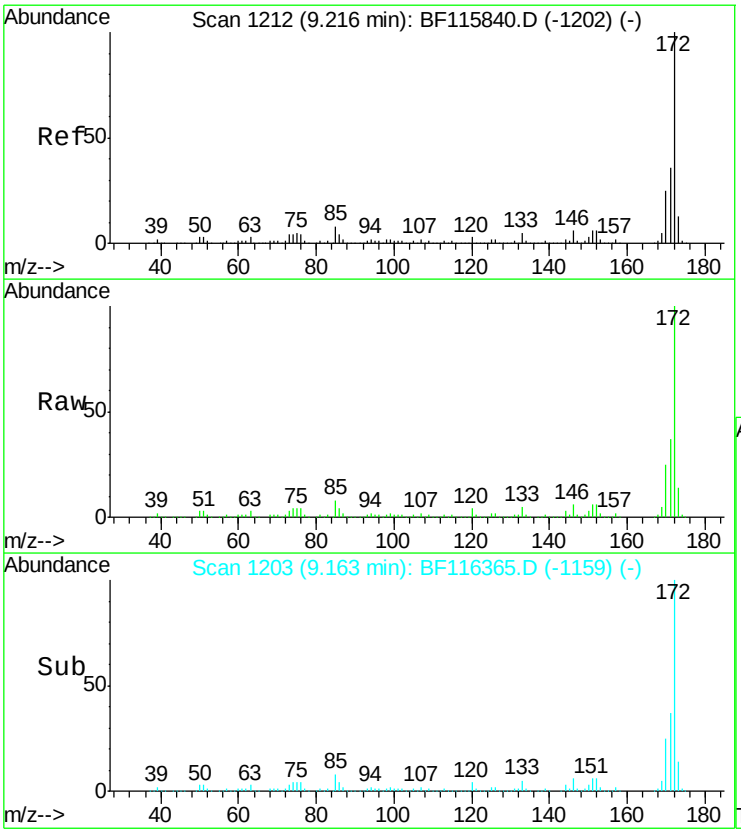
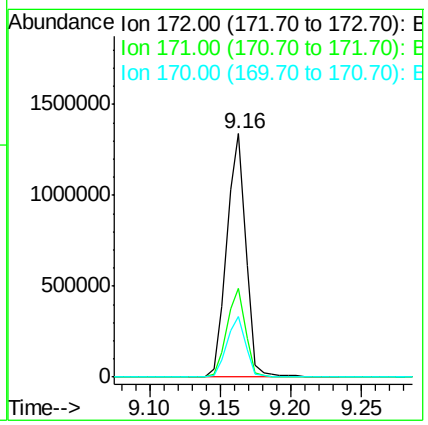
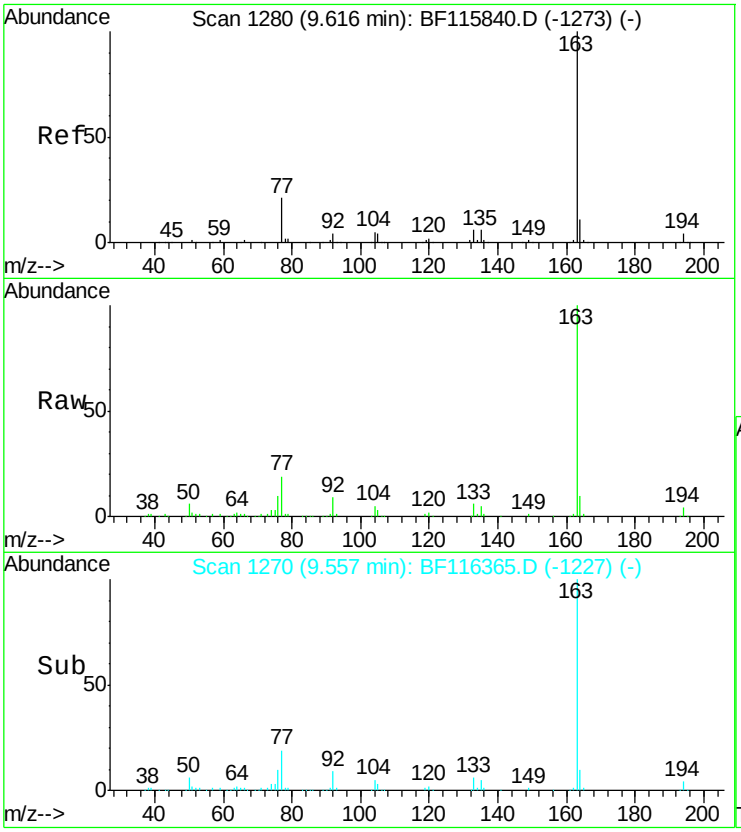


#45
2-Fluorobiphenyl
Concen: 79.670 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:172 Resp: 1258196

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	20.1	30.1

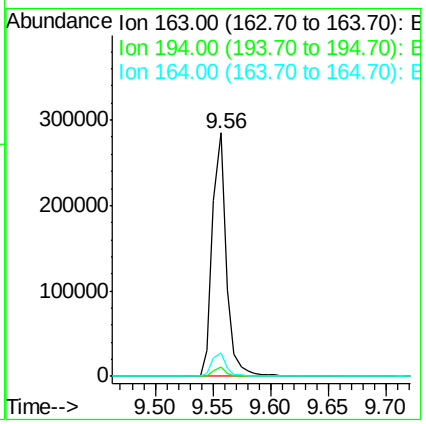




#50
Dimethylphthalate
Concen: 11.933 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:163 Resp: 240336

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.6	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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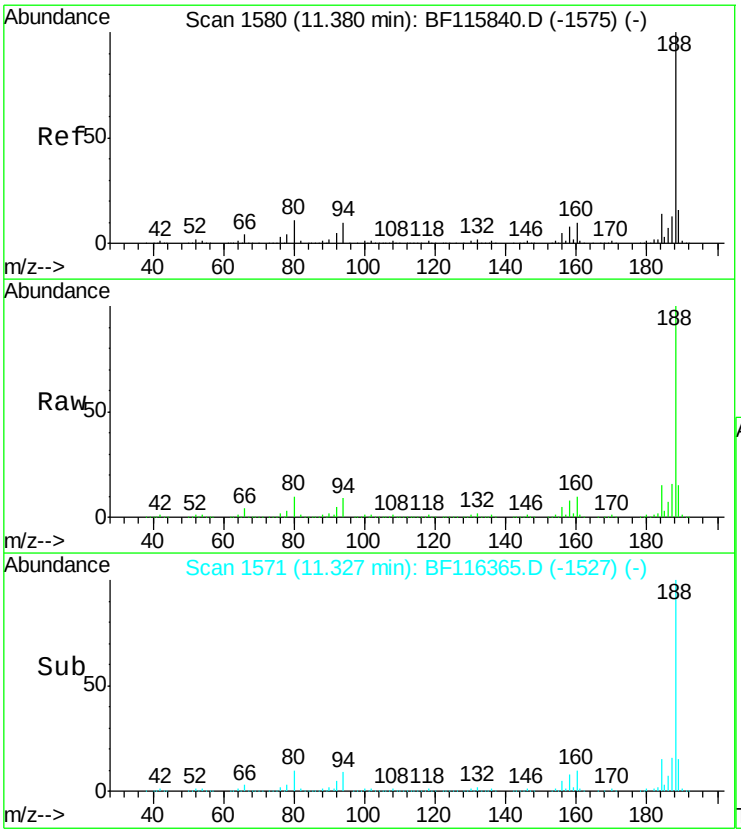
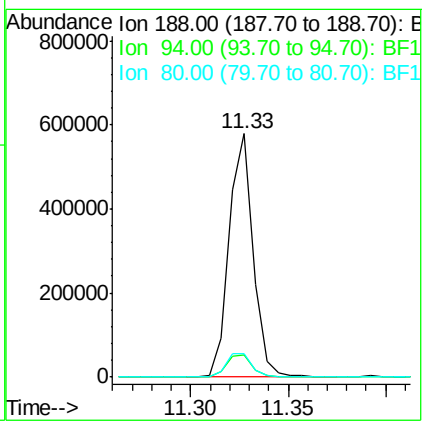
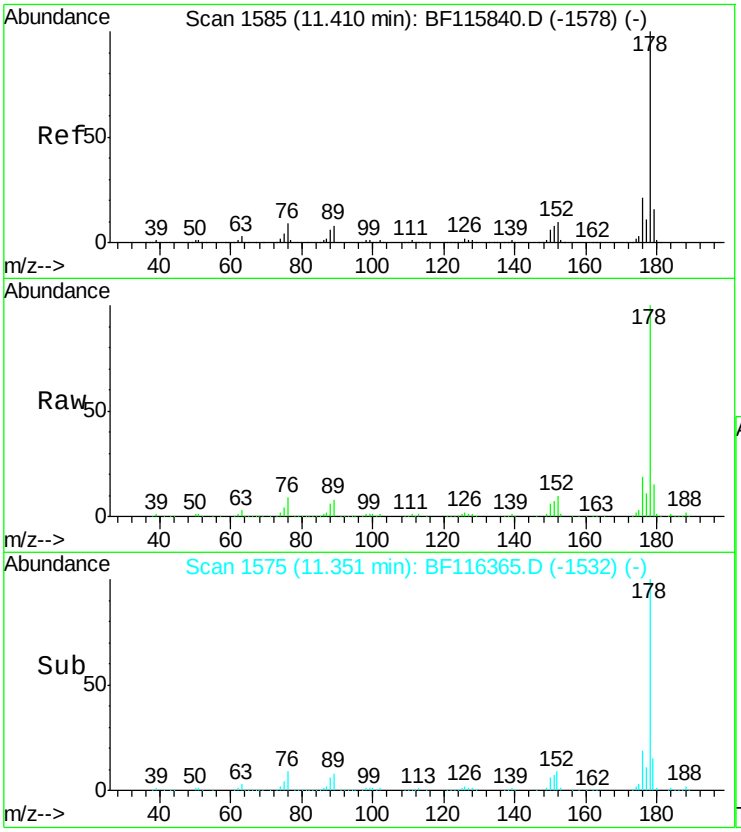


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:188 Resp: 494608

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.9	8.7	13.1

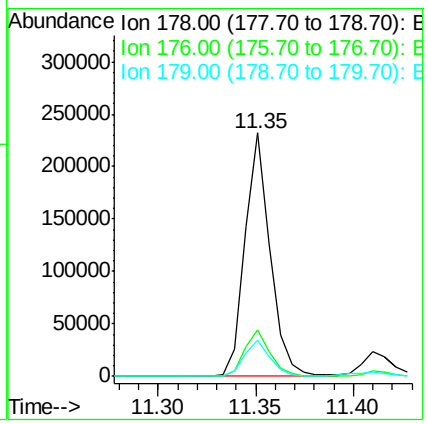




#71
Phenanthrene
Concen: 8.238 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:178 Resp: 208308

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	24.8
179	15.0	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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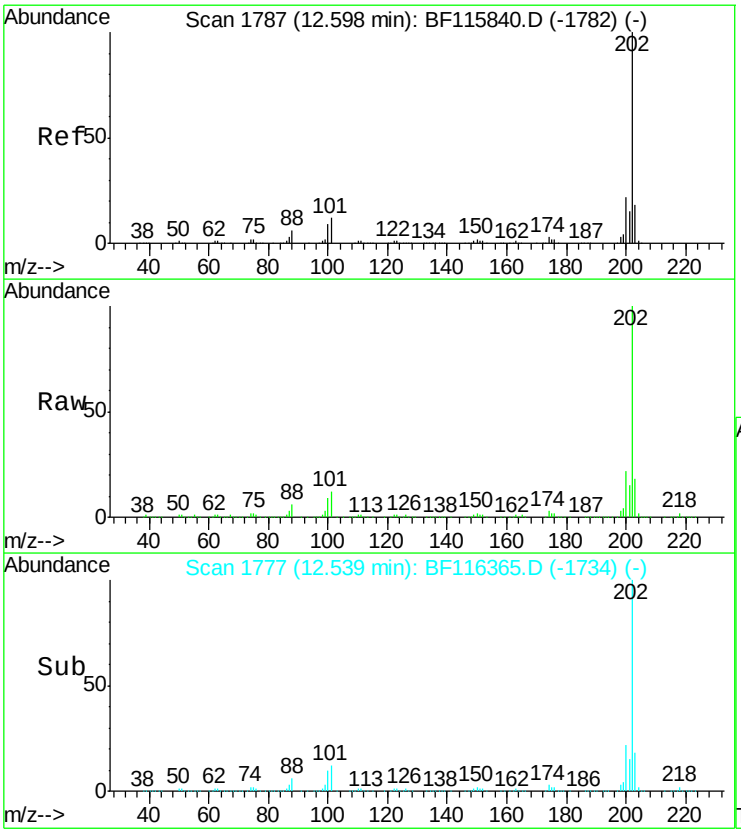
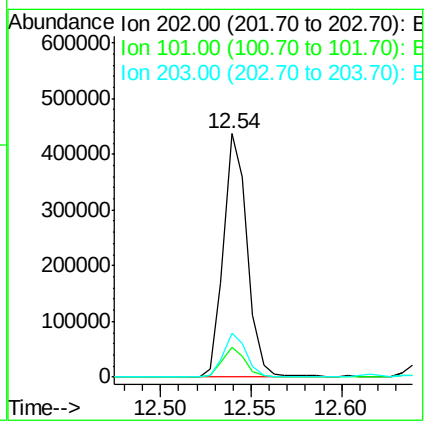
8/19/2019 3:31:07 PM

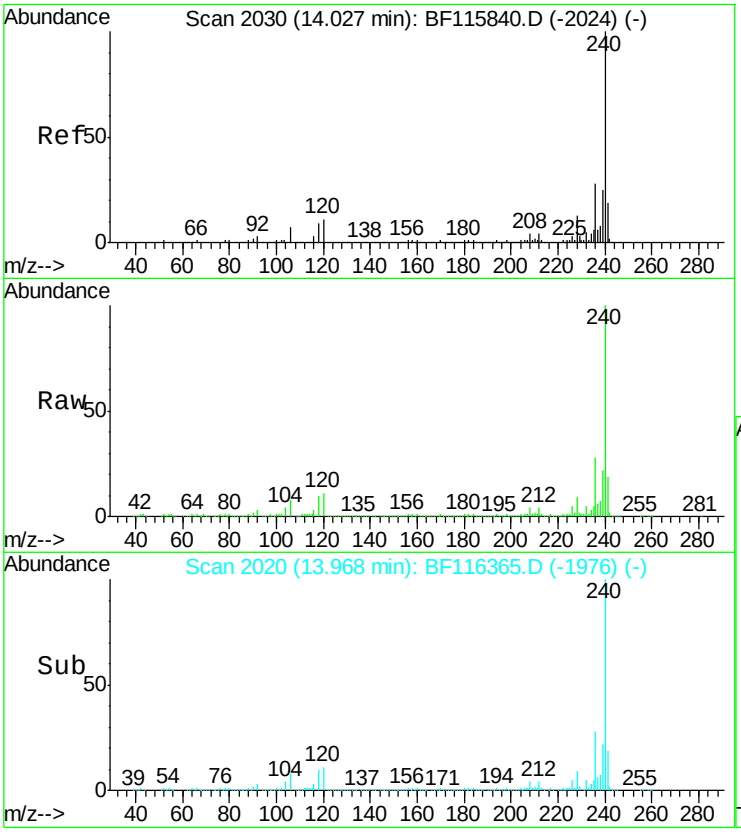


#75
Fluoranthene
Concen: 15.058 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:202 Resp: 398599

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
203	17.9	0.0	37.8

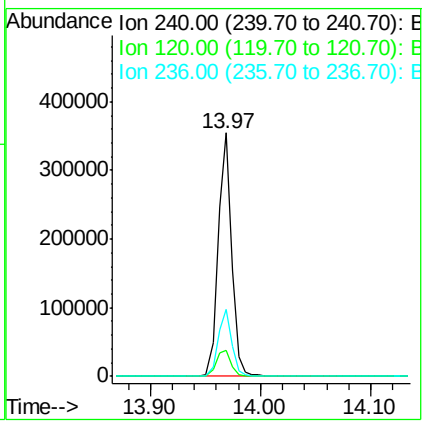




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:240 Resp: 301807

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.7	16.1
236	27.5	22.2	33.2



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Manual Integrations APPROVED
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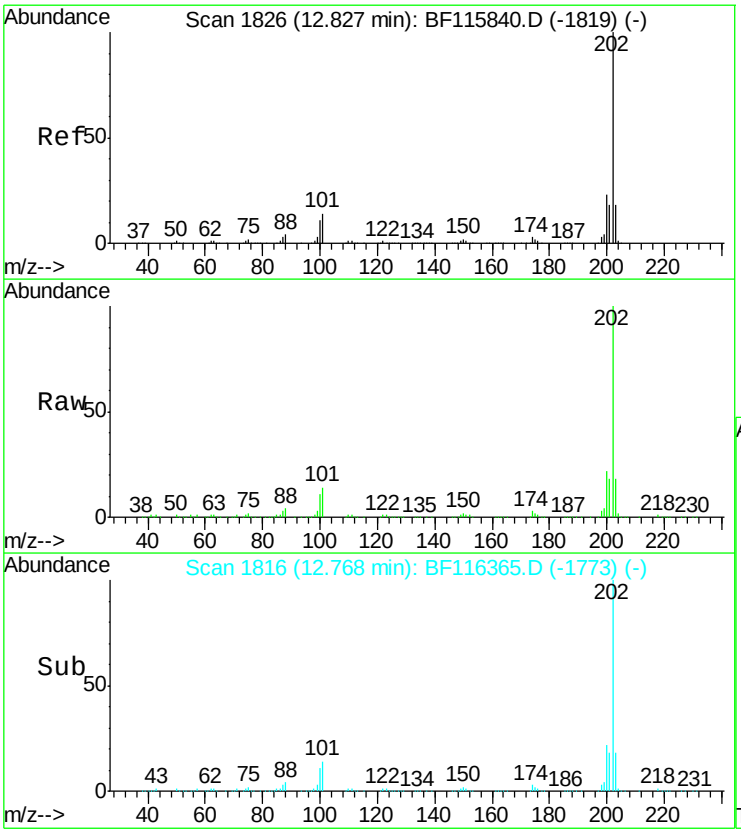
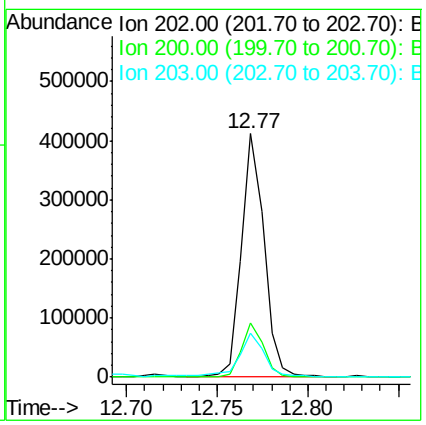
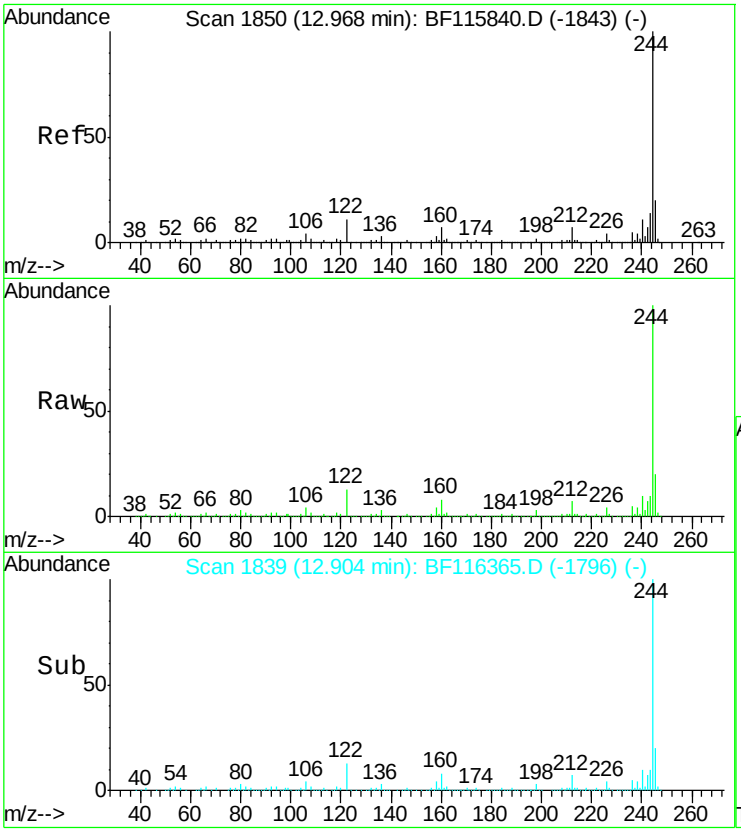


#78
Pyrene
Concen: 15.727 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:202 Resp: 357792

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	18.1	14.1	21.1

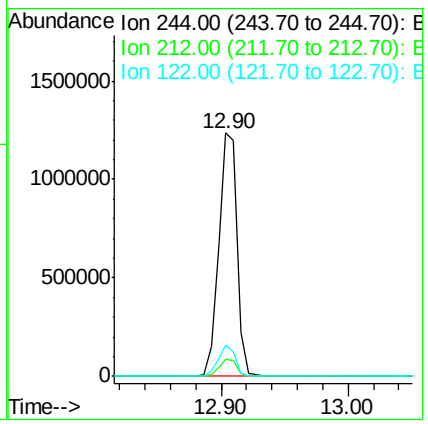




#79
Terphenyl-d14
Concen: 87.187 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

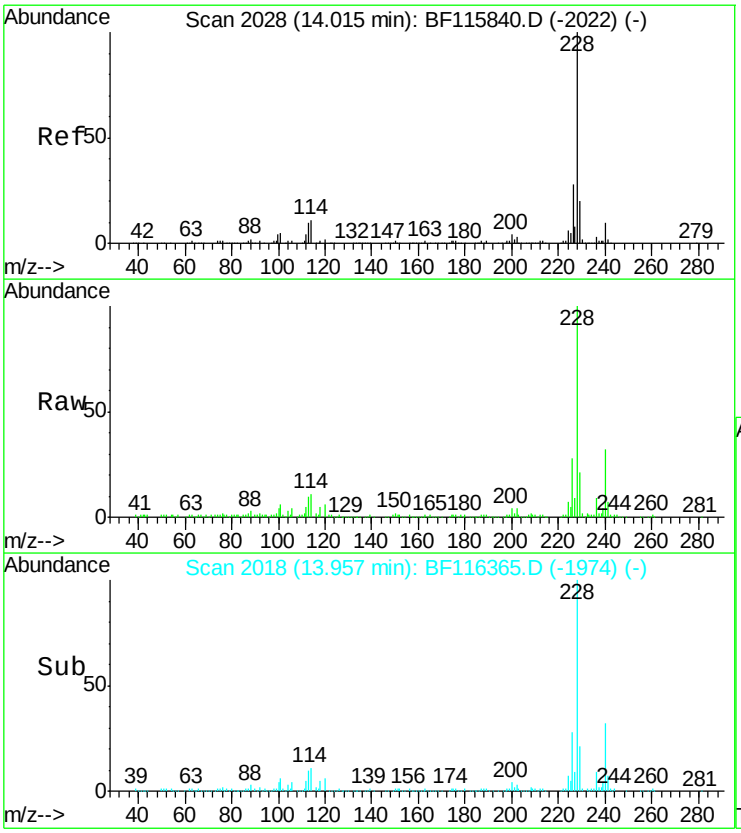
Tgt Ion:244 Resp: 1248771

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.7	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

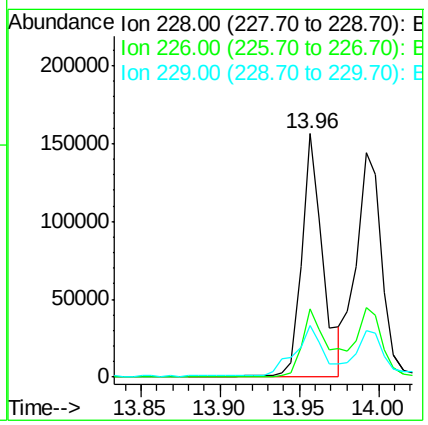
Manual Integrations APPROVED
Jagrut
8/19/2019 3:31:07 PM

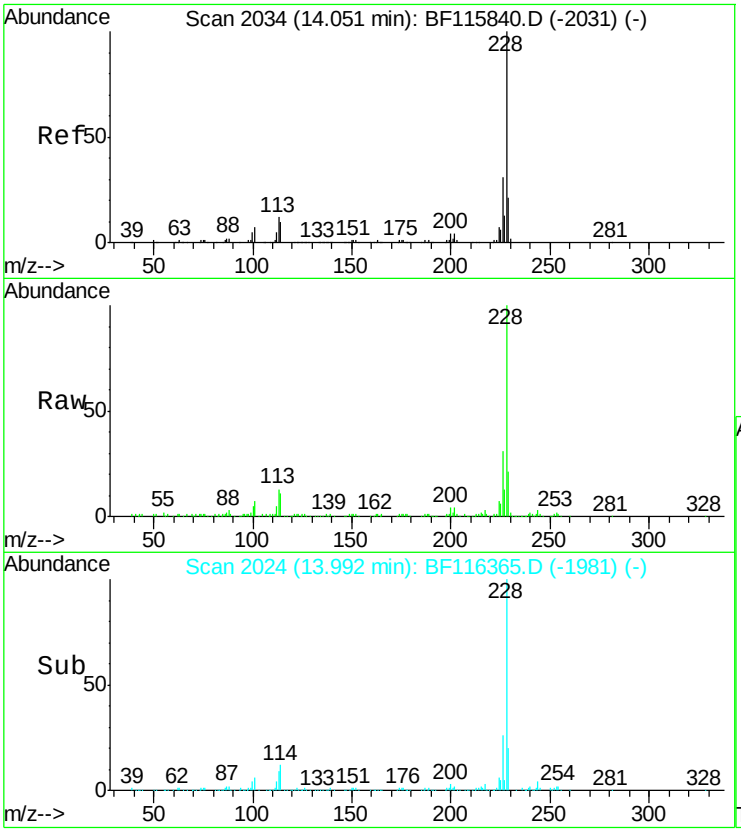


#81
Benzo(a)anthracene
Concen: 7.535 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.04 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:228 Resp: 145351

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	21.1	16.2	24.4

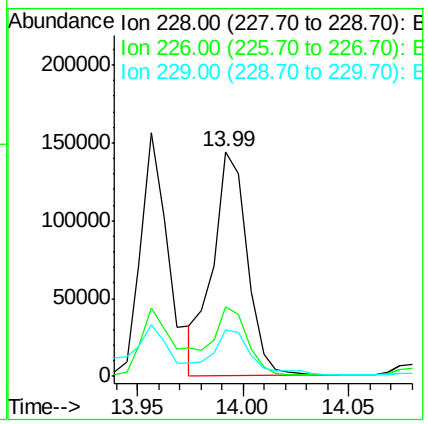




#83
Chrysene
Concen: 8.667 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:228 Resp: 162319

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.6	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
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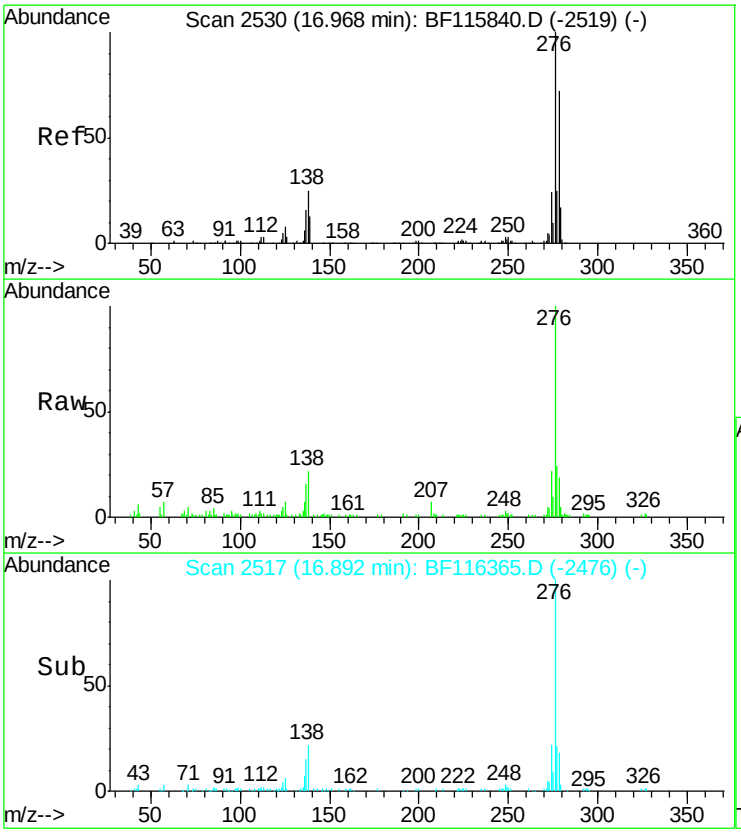
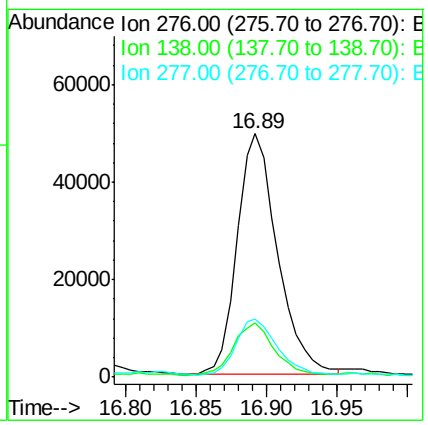
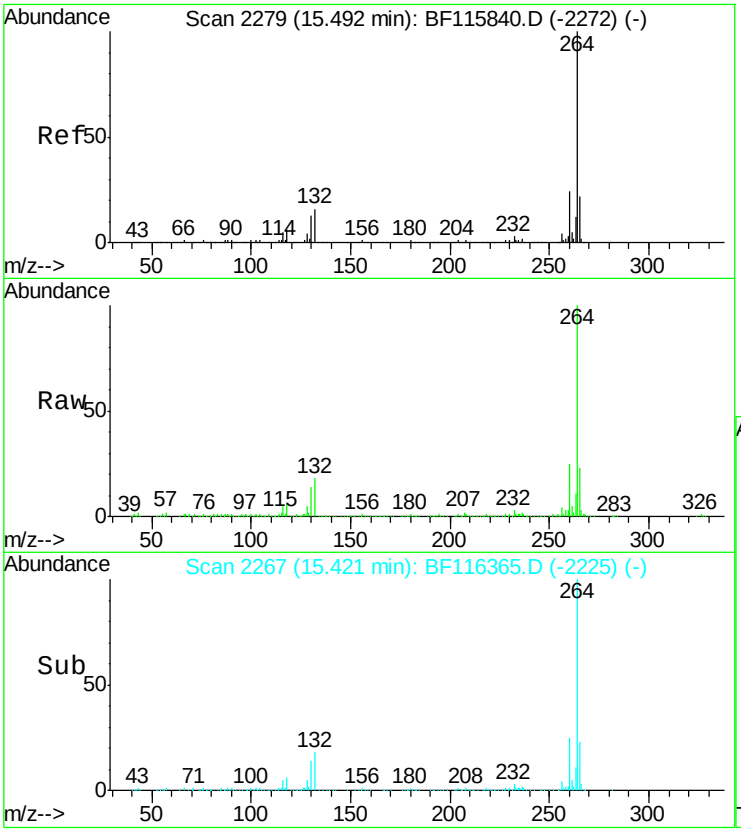


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.293 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.06 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:276 Resp: 98990

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.4	30.6
277	23.5	20.0	30.0

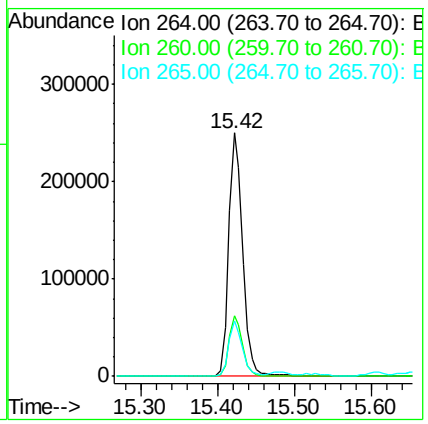




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:264 Resp: 317933

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.9	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

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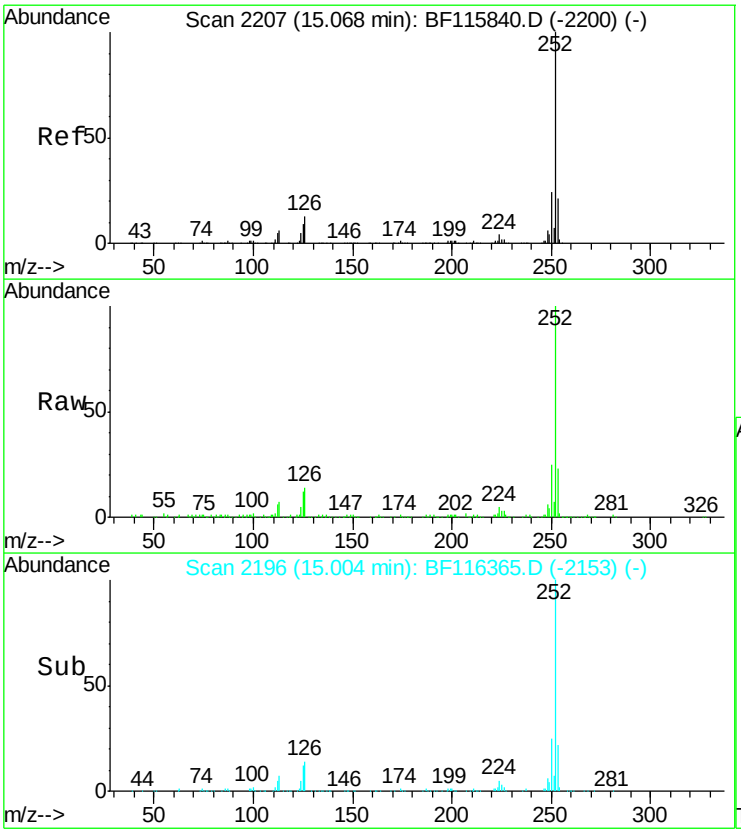
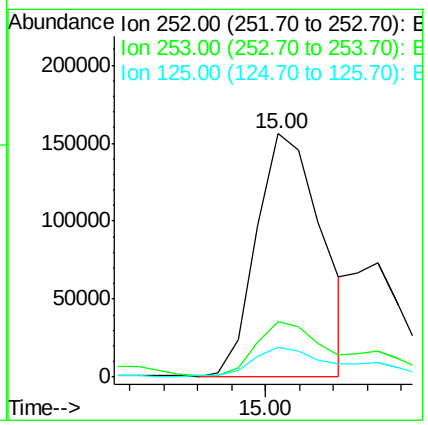
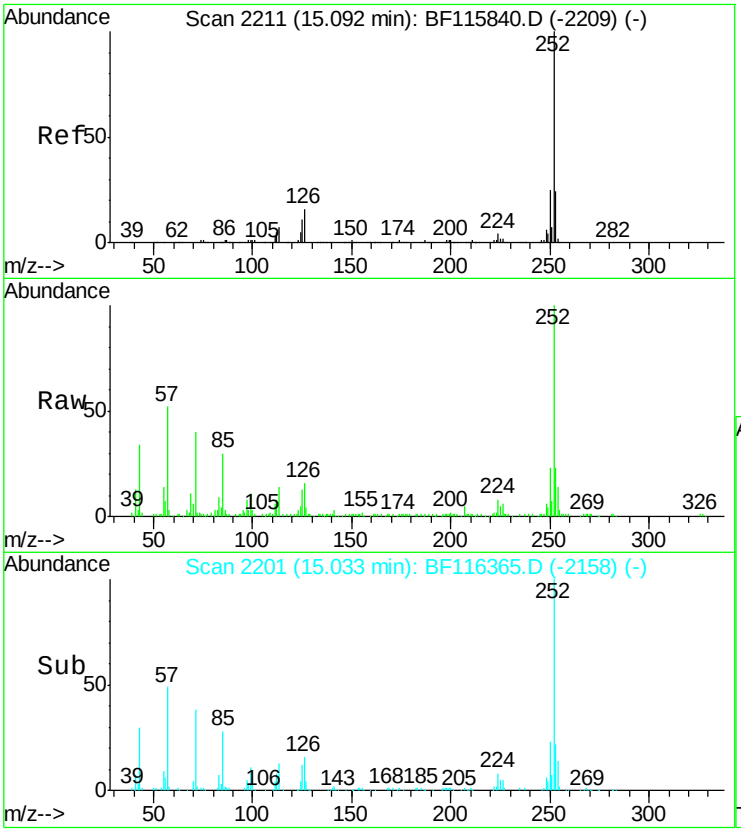


#88
Benzo(b)fluoranthene
Concen: 11.302 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:252 Resp: 207774

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.3	8.4	12.6

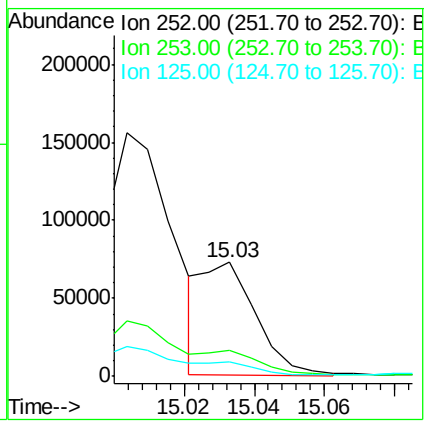




#89
Benzo(k)fluoranthene
Concen: 4.226 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:252 Resp: 75666

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.8	7.7	11.5#



Instrument :
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ClientSampleId :
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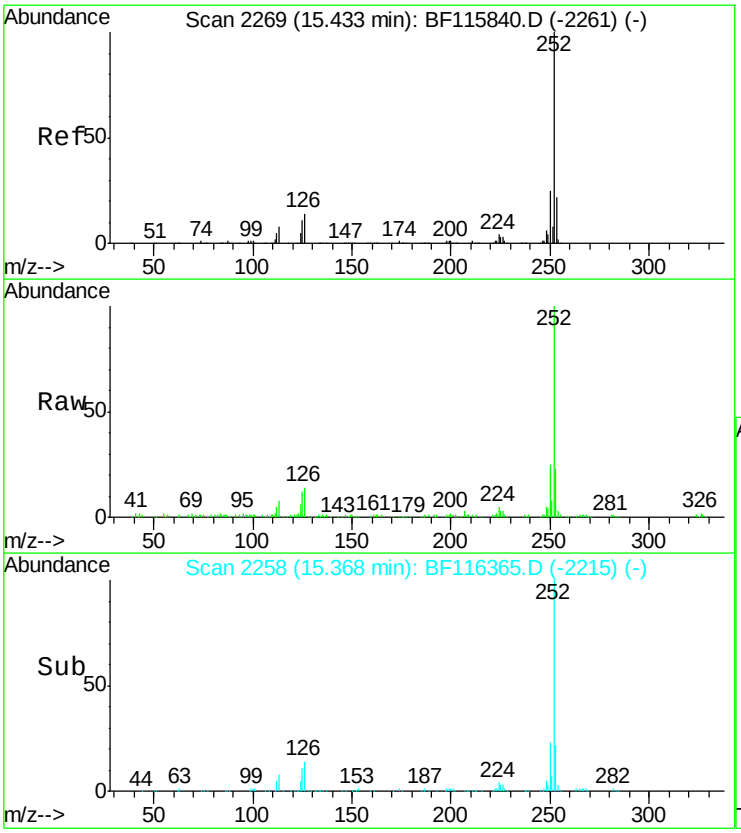
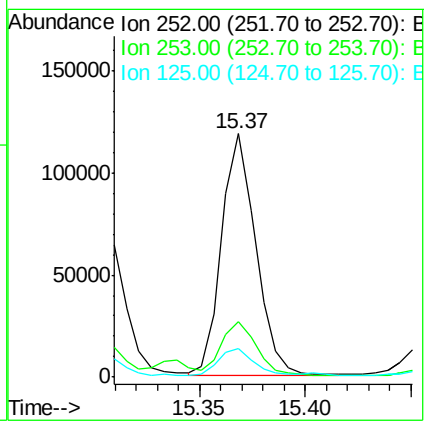
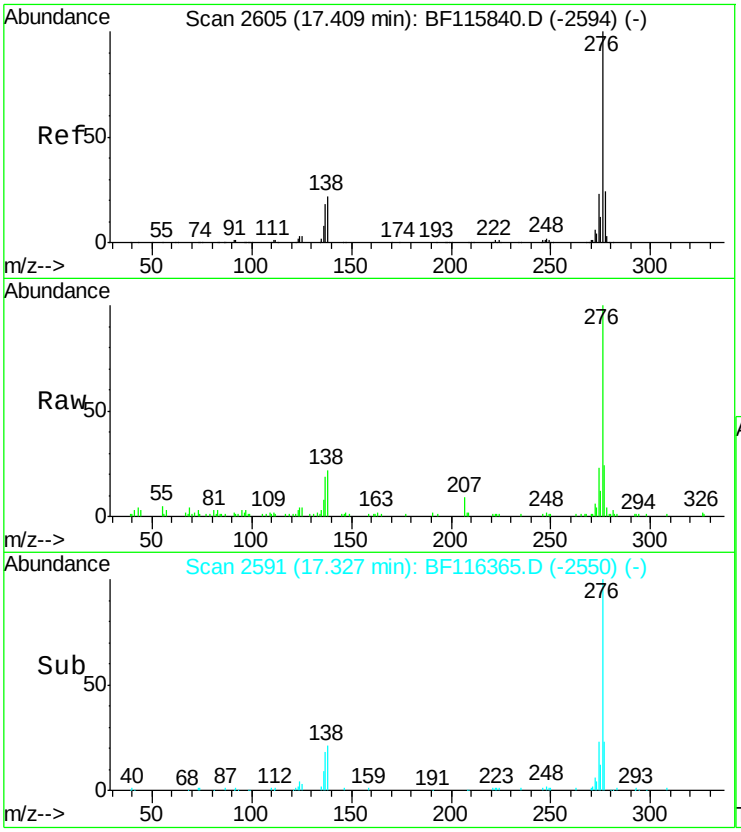


#90
Benzo(a)pyrene
Concen: 8.160 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:252 Resp: 134096

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.7	8.9	13.3

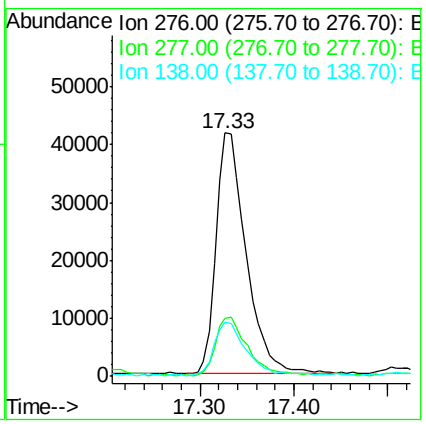




#92
Benzo(g,h,i)perylene
Concen: 6.633 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.06 min
Lab File: BF116365.D
Acq: 17 Aug 2019 18:46

Tgt Ion:276 Resp: 92658

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	22.2	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
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