Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110628.D
Acq On : 9 Nov 2018 15:29
Operator : JU/SJ
Sample : J5860-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP2-SB-105(0-4)

Manual Integrations APPROVED
Sohil
11/12/2018 10:30:11 AM

Quant Time: Nov 09 17:26:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59753	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	227146	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	88300	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	140962	20.00	ng		0.00
76) Chrysene-d12	14.13	240	121857	20.00	ng		0.00
87) Perylene-d12	15.66	264	84865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	182878	49.71	ng		0.00
7) Phenol-d6	6.56	99	232033	49.33	ng		-0.01
23) Nitrobenzene-d5	7.50	82	141847	35.96	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	31985	35.95	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	251293	40.64	ng		0.00
79) Terphenyl-d14	13.06	244	210781	32.39	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.25	128	23131	2.169	ng		98
37) 2-Methylnaphthalene	8.94	142	37031	5.297	ng		96
38) 1-Methylnaphthalene	9.04	142	36045m	5.362	ng		
58) Fluorene	10.54	166	15871	2.615	ng	#	84
71) Phenanthrene	11.50	178	78941	10.453	ng		98
75) Fluoranthene	12.70	202	59000	7.792	ng		98
78) Pyrene	12.93	202	55590	5.925	ng		96
81) Benzo(a)anthracene	14.12	228	21135	2.902	ng	#	93
83) Chrysene	14.16	228	21455	3.092	ng	#	95
84) Bis(2-ethylhexyl)phthalate	14.09	149	176771	35.285	ng	#	93
88) Benzo(b)fluoranthene	15.21	252	19291m	3.800	ng		
90) Benzo(a)pyrene	15.60	252	10791	2.339	ng	#	28

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110628.D
Acq On : 9 Nov 2018 15:29
Operator : JU/SJ
Sample : J5860-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 09 17:26:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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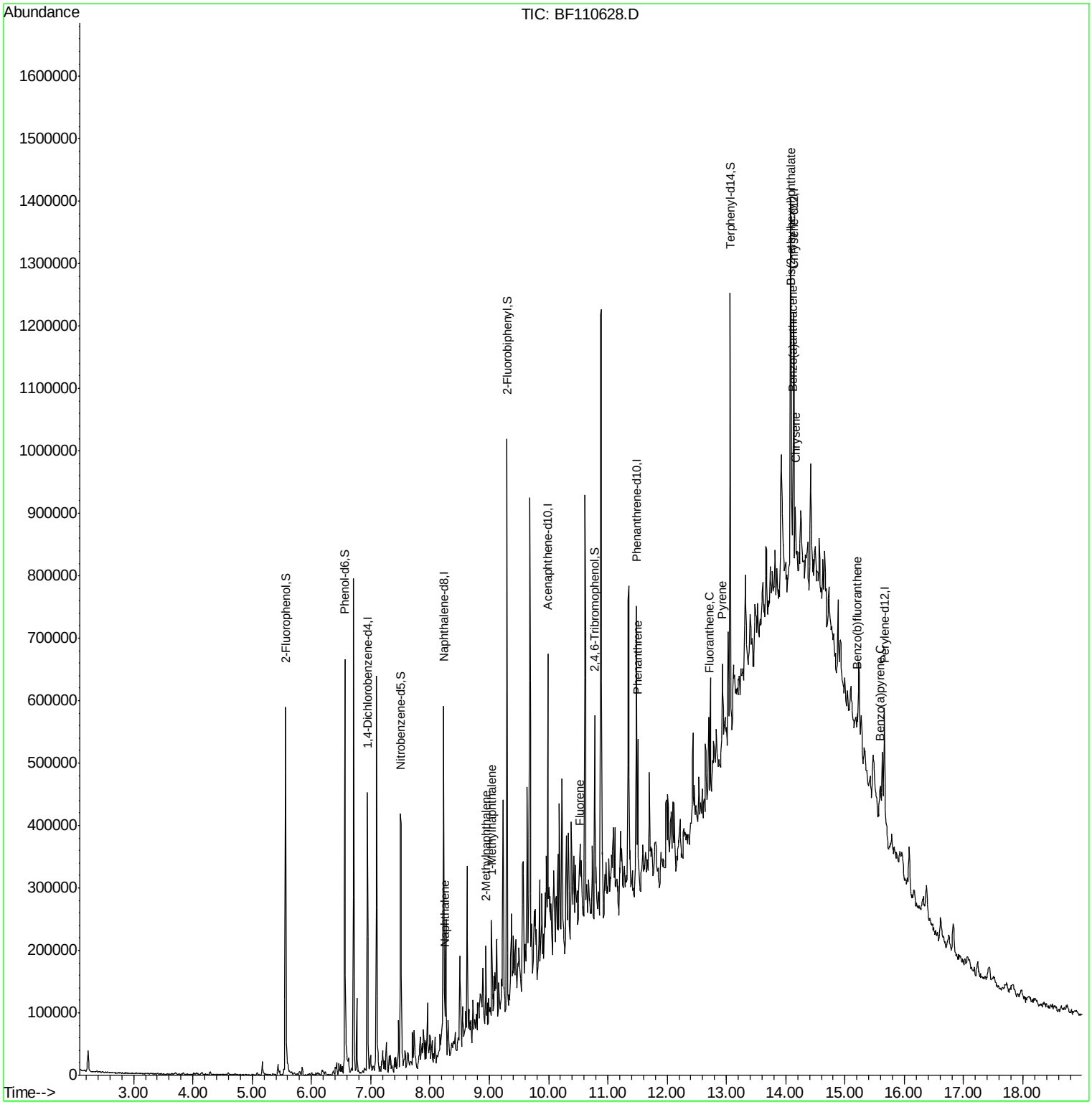
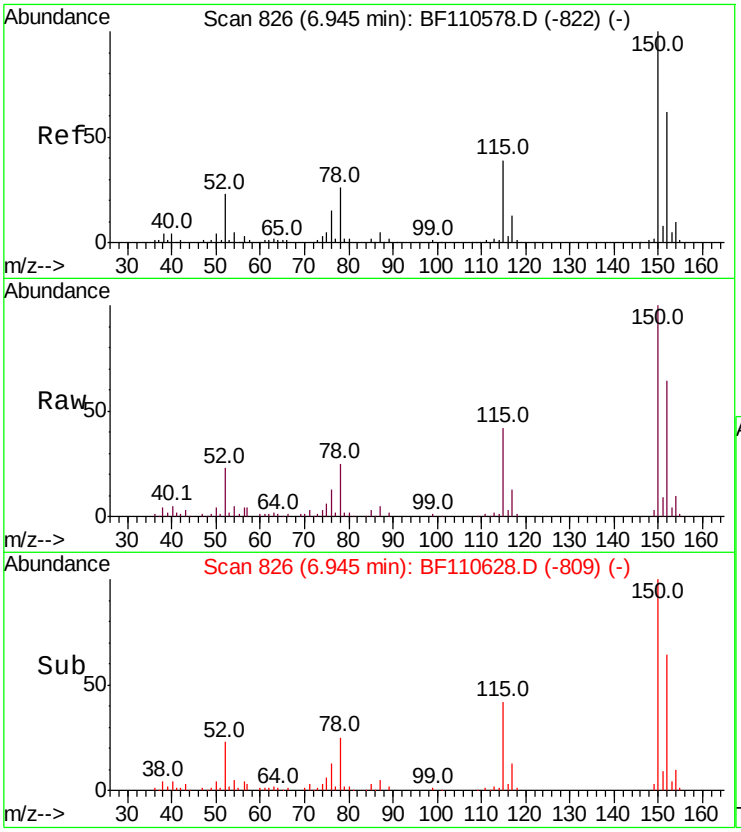
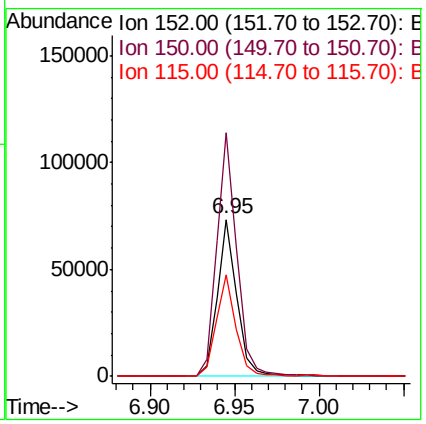




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:152 Resp: 59753

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.7	184.1
115	64.6	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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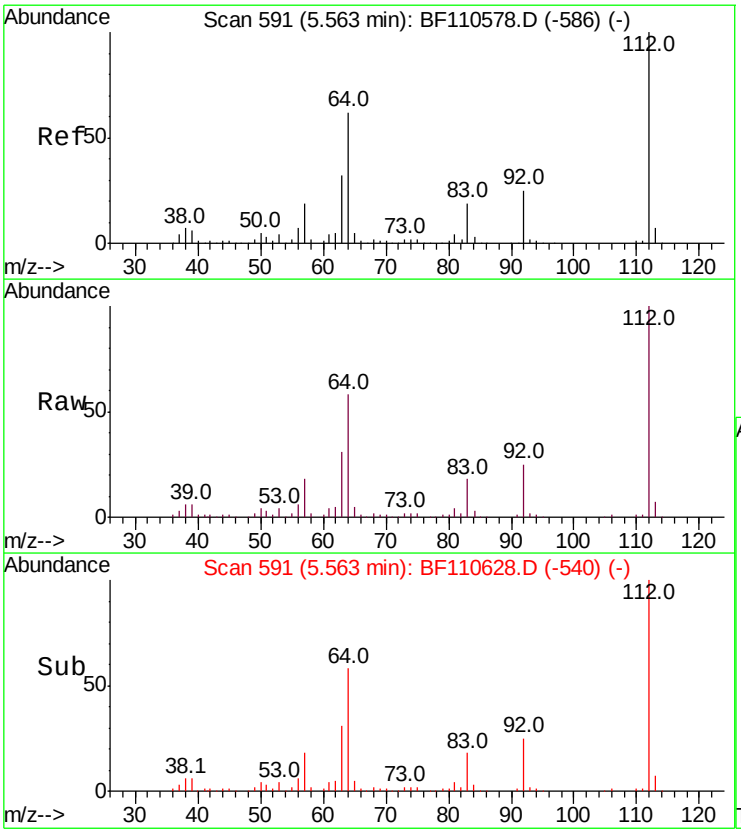
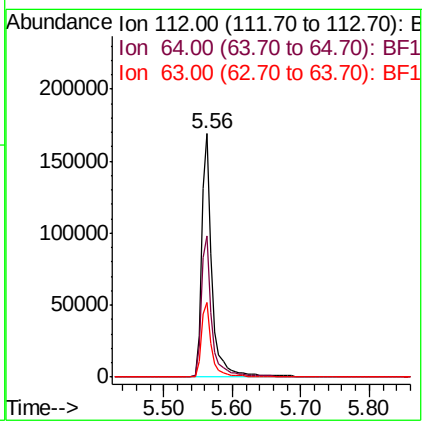
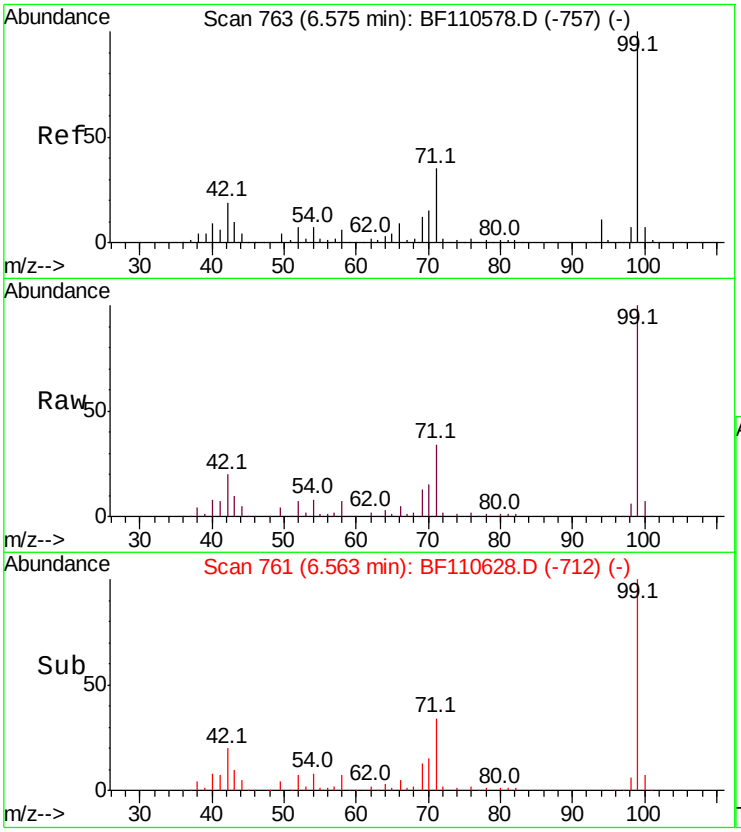


#5
2-Fluorophenol
Concen: 49.713 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:112 Resp: 182878

Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.8	23.7	35.5

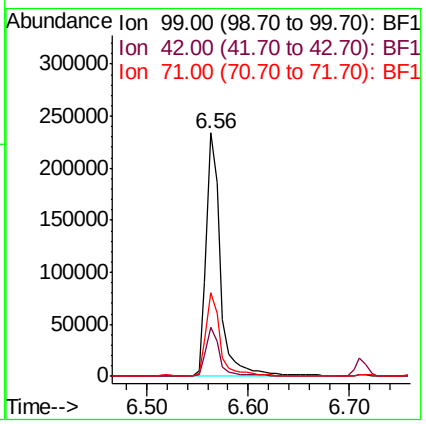




#7
Phenol-d6
Concen: 49.326 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion: 99 Resp: 232033

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	34.5	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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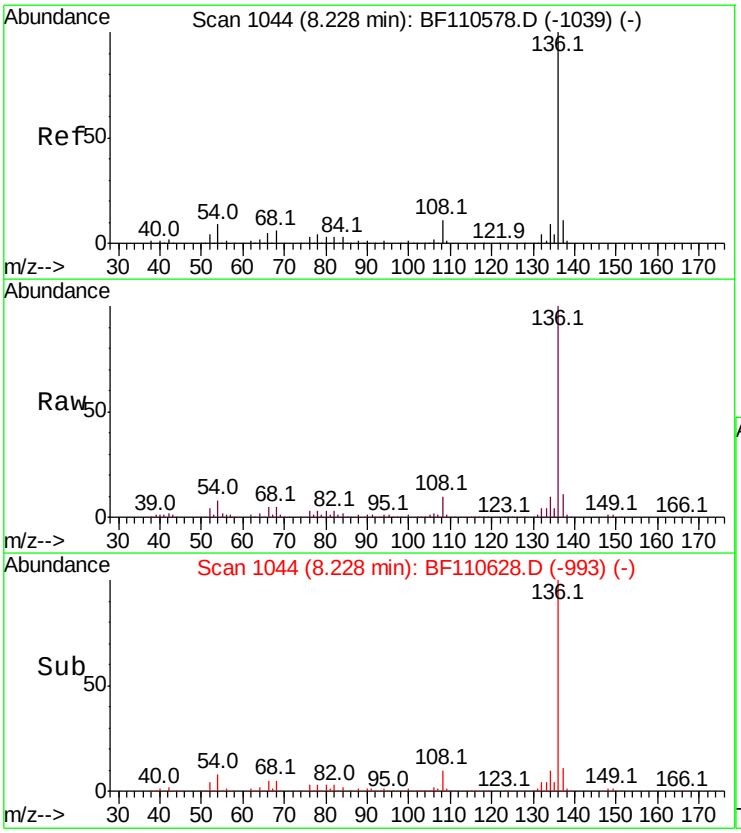
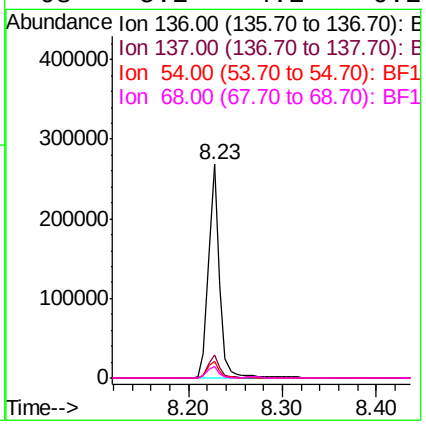
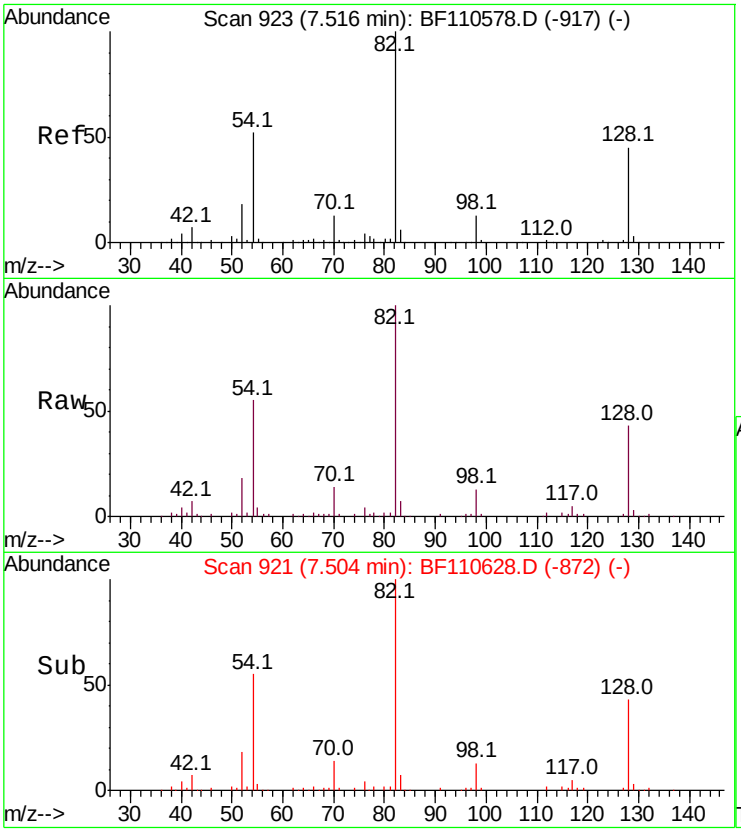


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:136 Resp: 227146

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	5.4	8.2
68	5.2	4.2	6.2

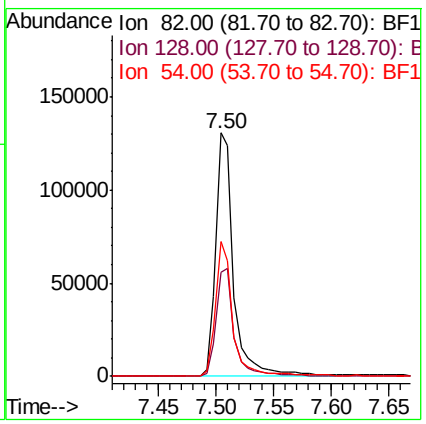




#23
Nitrobenzene-d5
Concen: 35.963 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion: 82 Resp: 141847

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.2	51.2
54	55.3	38.6	58.0



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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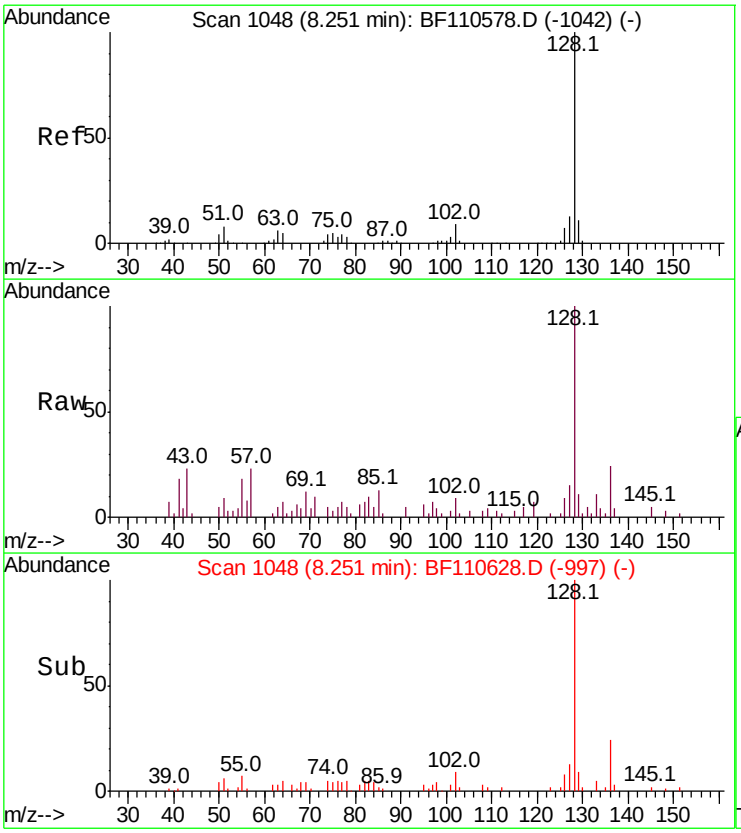
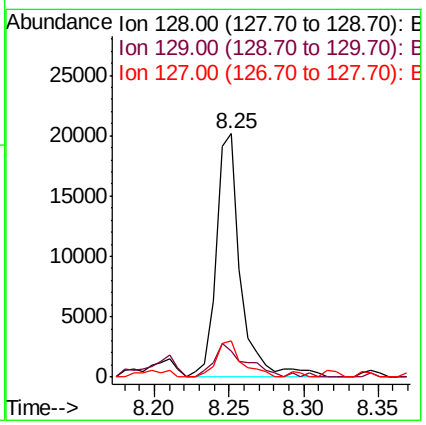
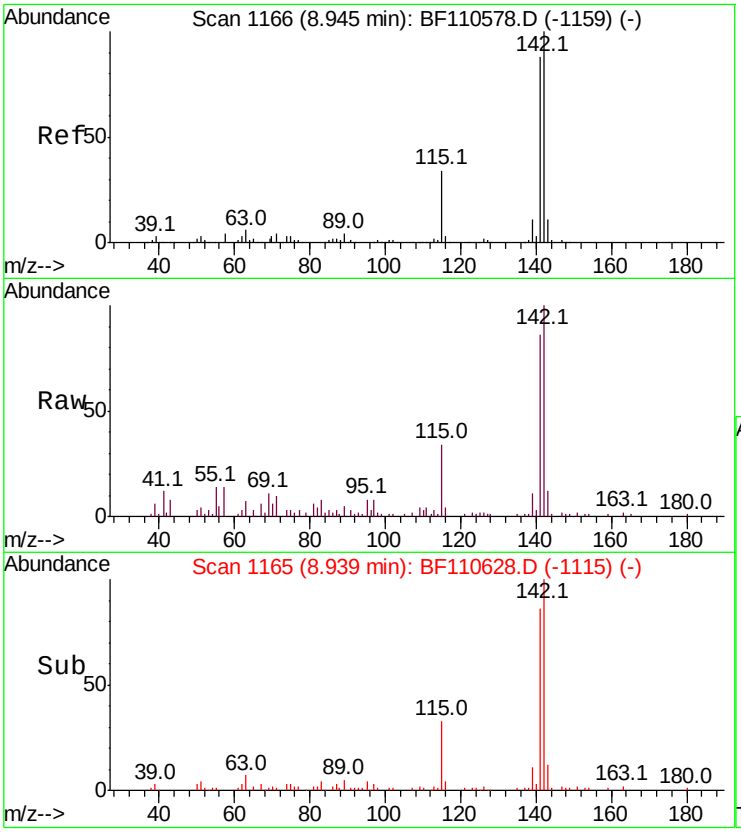


#31
Naphthalene
Concen: 2.169 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:128 Resp: 23131

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	14.7	10.8	16.2

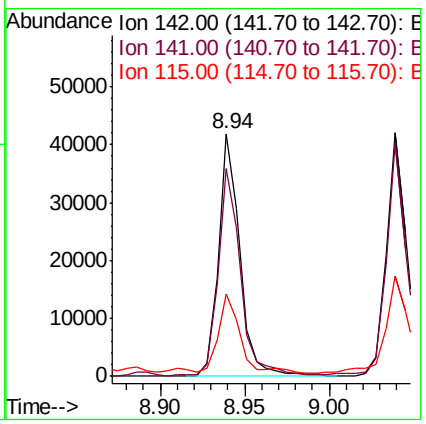




#37
2-Methylnaphthalene
Concen: 5.297 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:142 Resp: 37031

Ion	Ratio	Lower	Upper
142	100		
141	85.9	71.4	107.2
115	33.8	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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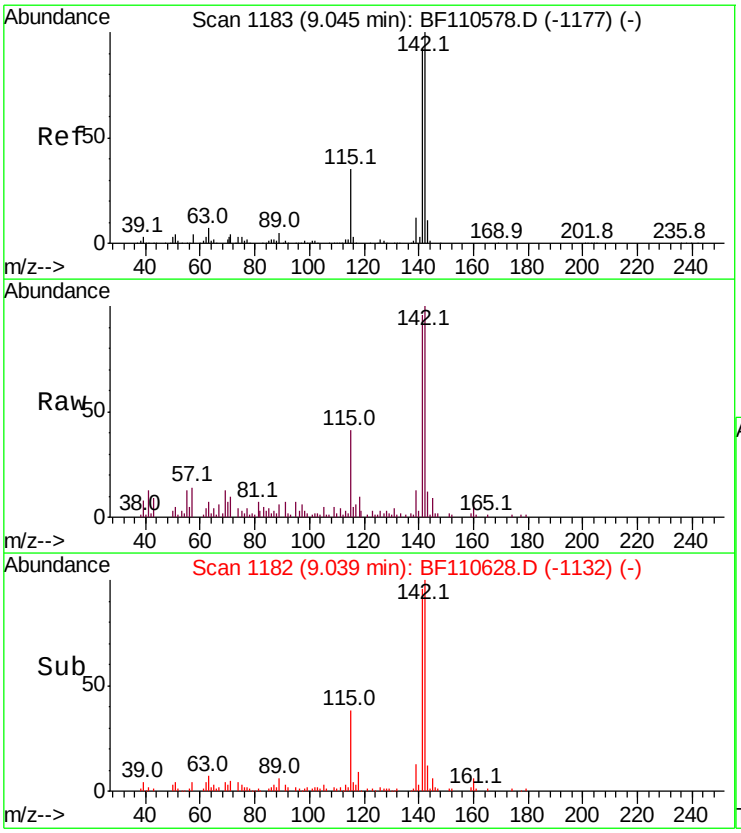
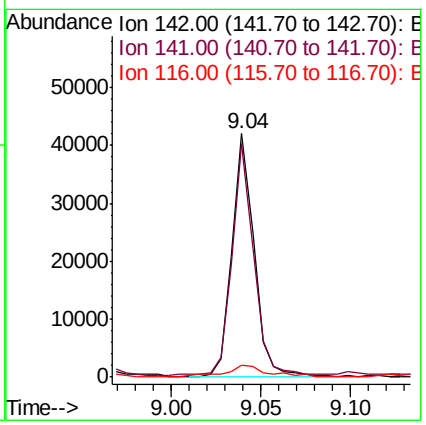
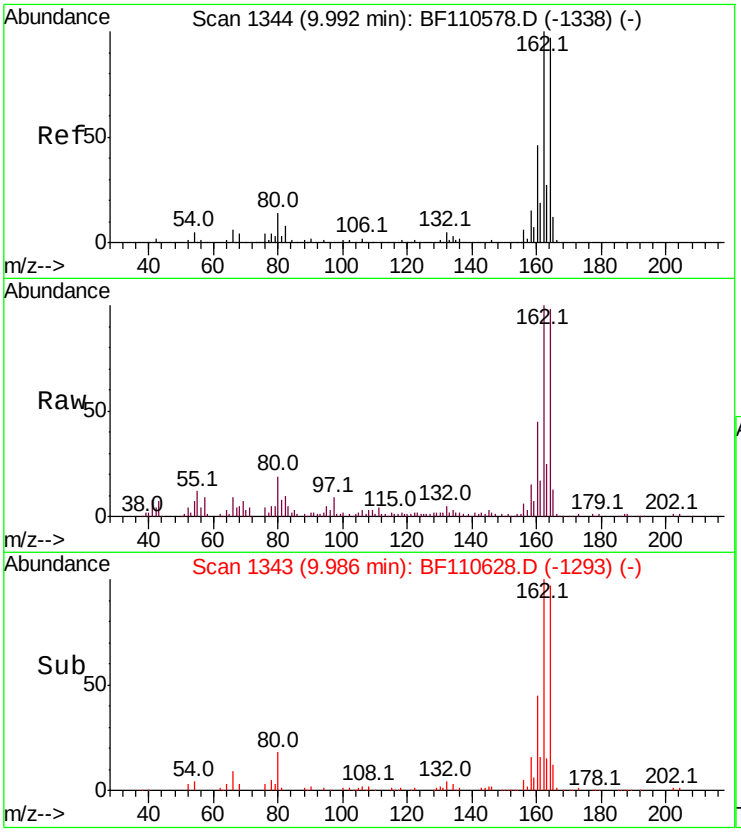


#38
1-Methylnaphthalene
Concen: 5.362 ng m
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:142 Resp: 36045

Ion	Ratio	Lower	Upper
142	100		
141	95.8	74.2	111.4
116	5.1	2.6	4.0#

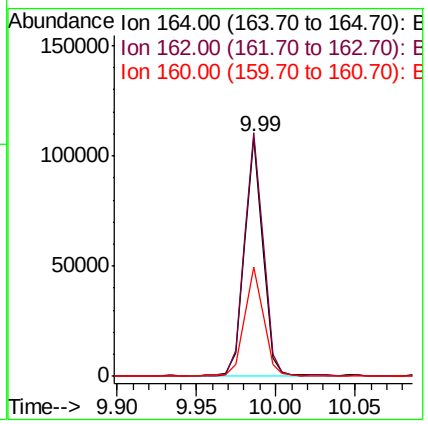




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:164 Resp: 88300

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.6
160	45.9	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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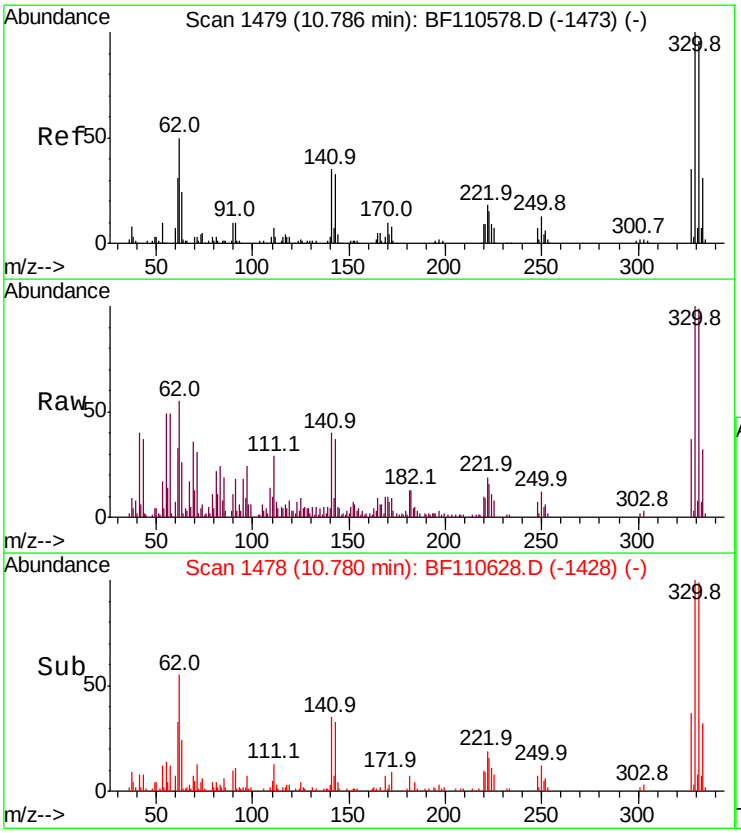
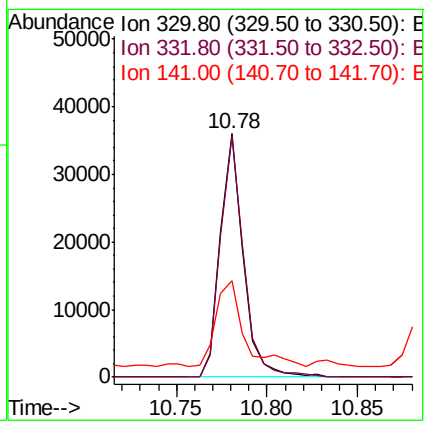
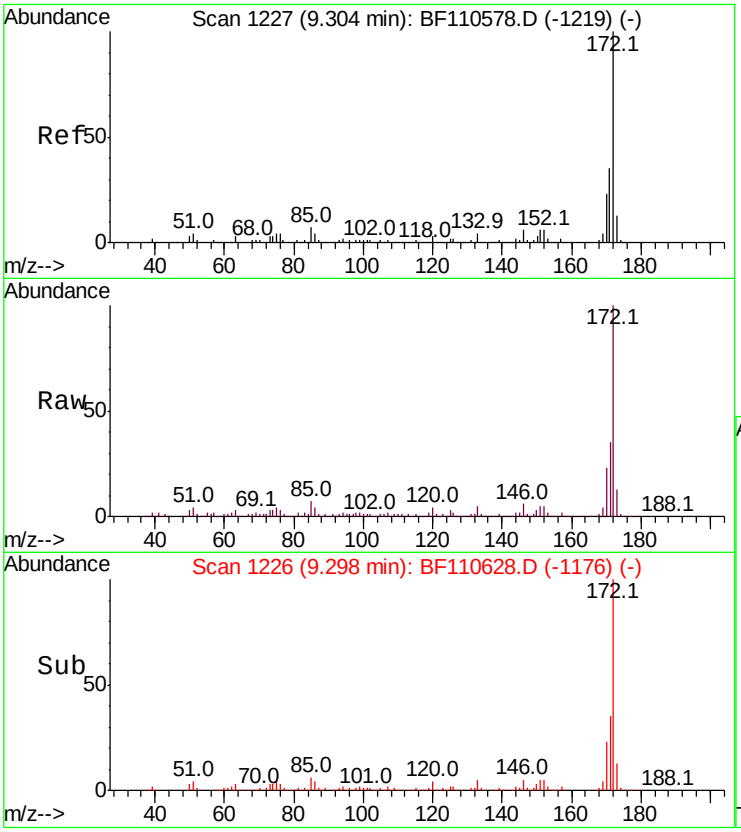


#42
2,4,6-Tribromophenol
Concen: 35.949 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:330 Resp: 31985

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.1	115.7
141	43.8	27.0	40.4#

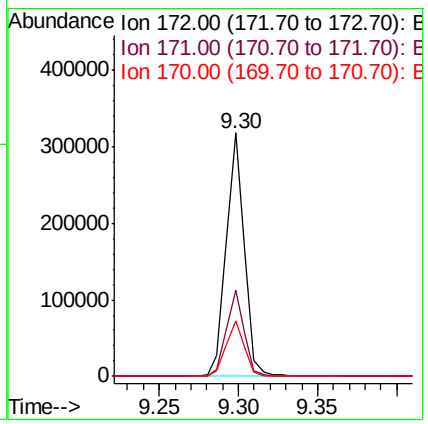




#45
2-Fluorobiphenyl
Concen: 40.645 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:172 Resp: 251293

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	22.8	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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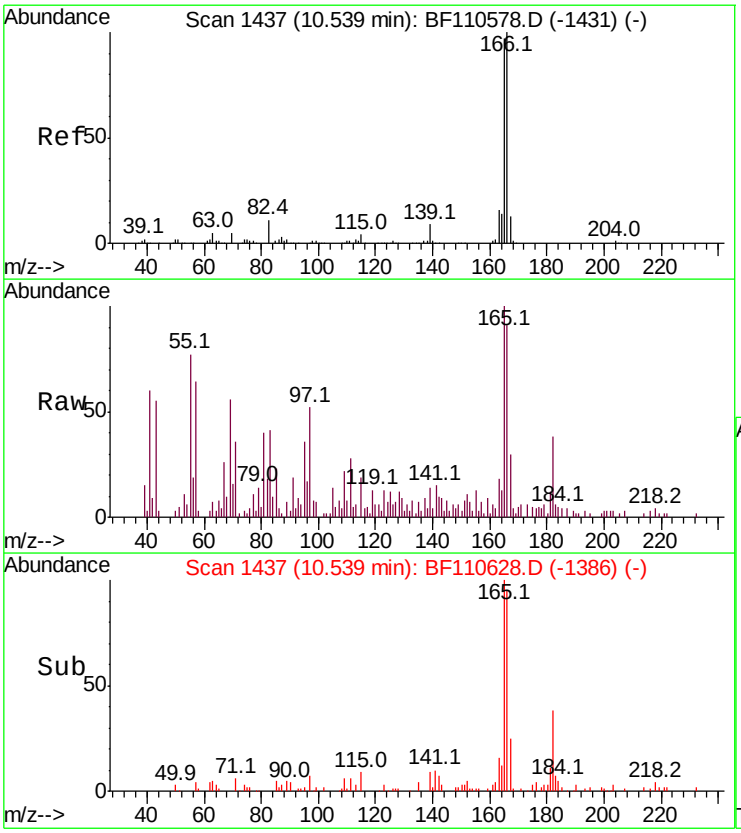
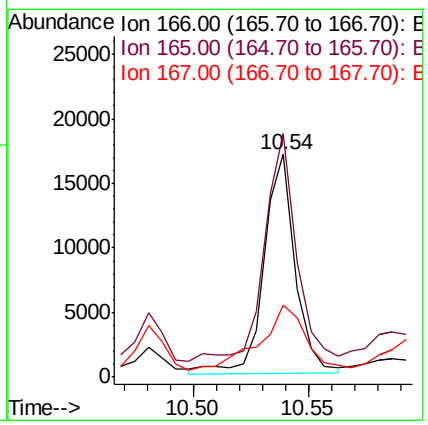
11/12/2018 10:30:11 AM

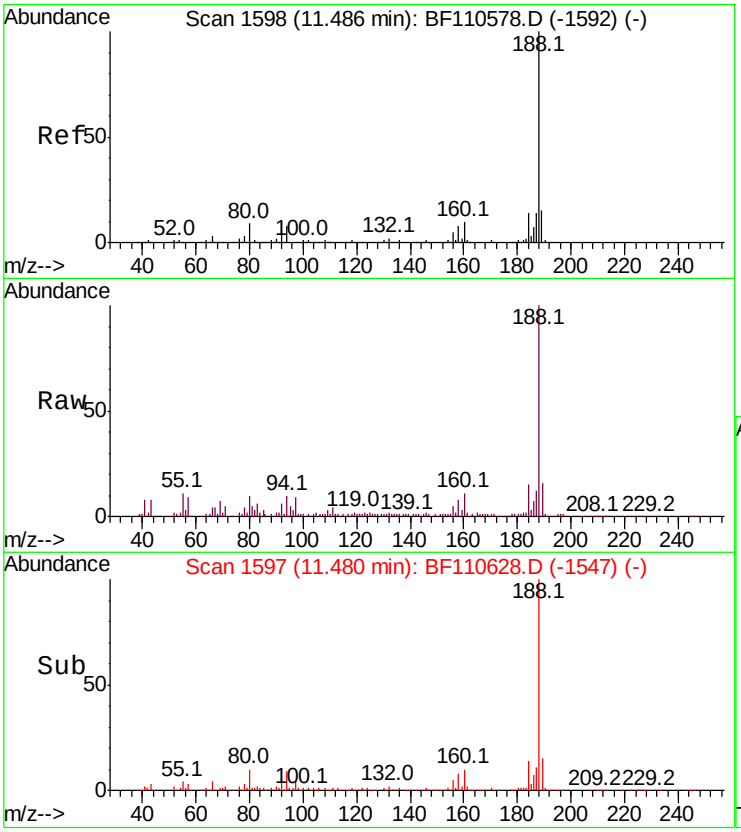


#58
Fluorene
Concen: 2.615 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:166 Resp: 15871

Ion	Ratio	Lower	Upper
166	100		
165	109.4	78.6	117.8
167	32.3	10.8	16.2#

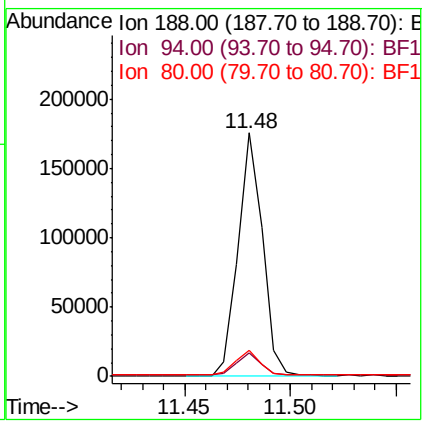




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:188 Resp: 140962

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.5	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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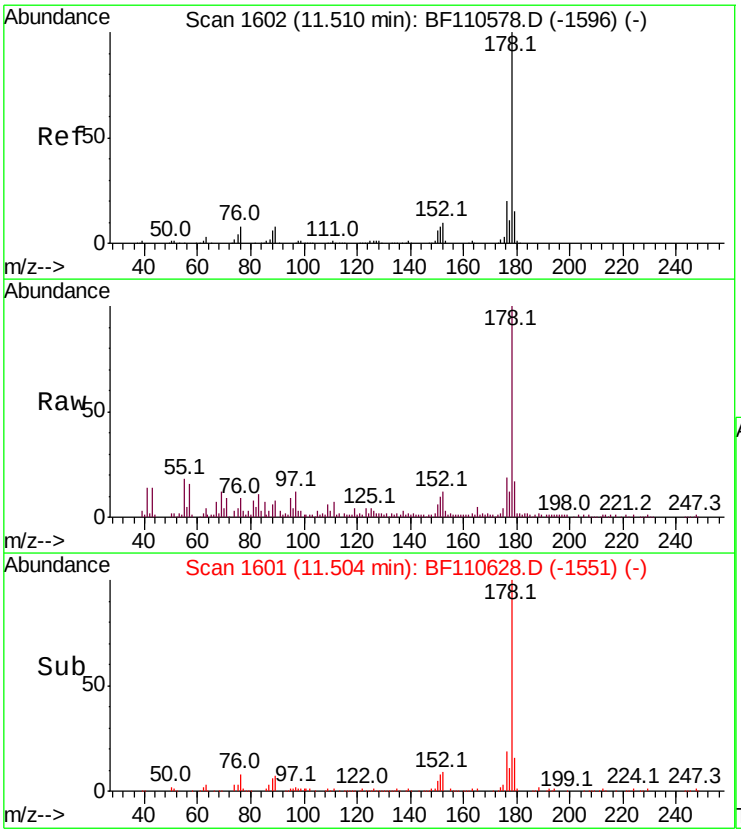
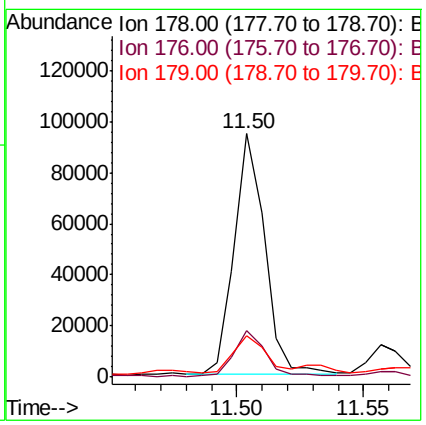
11/12/2018 10:30:11 AM

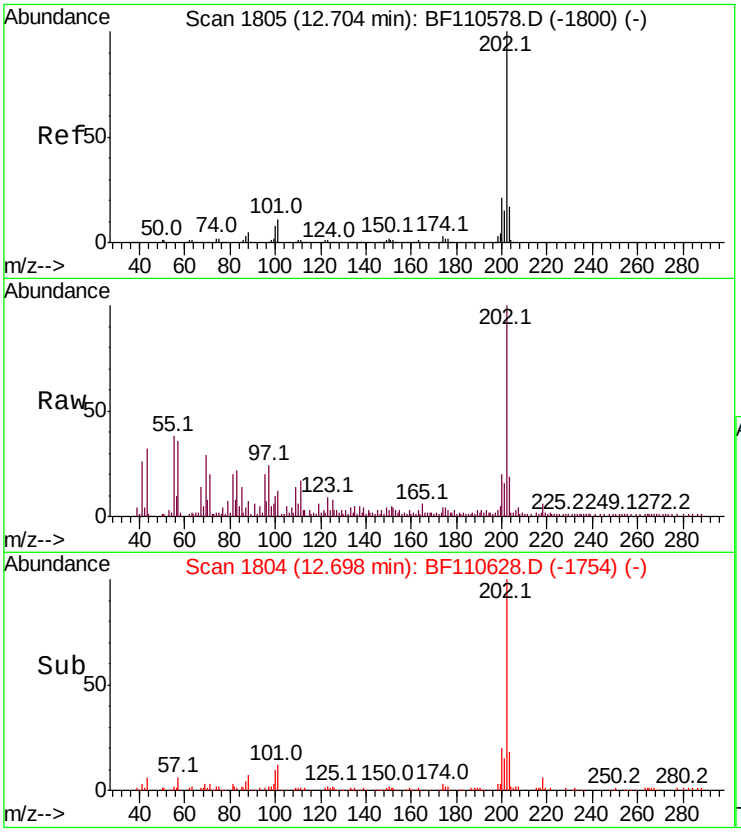


#71
Phenanthrene
Concen: 10.453 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:178 Resp: 78941

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	17.0	12.5	18.7

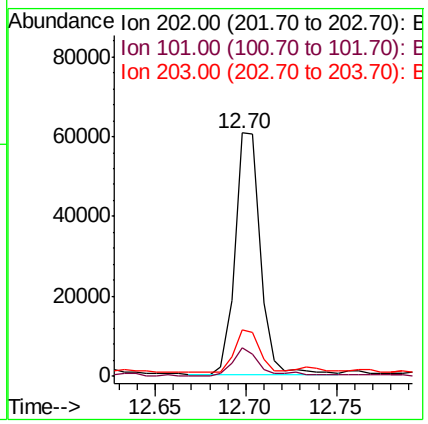




#75
Fluoranthene
Concen: 7.792 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

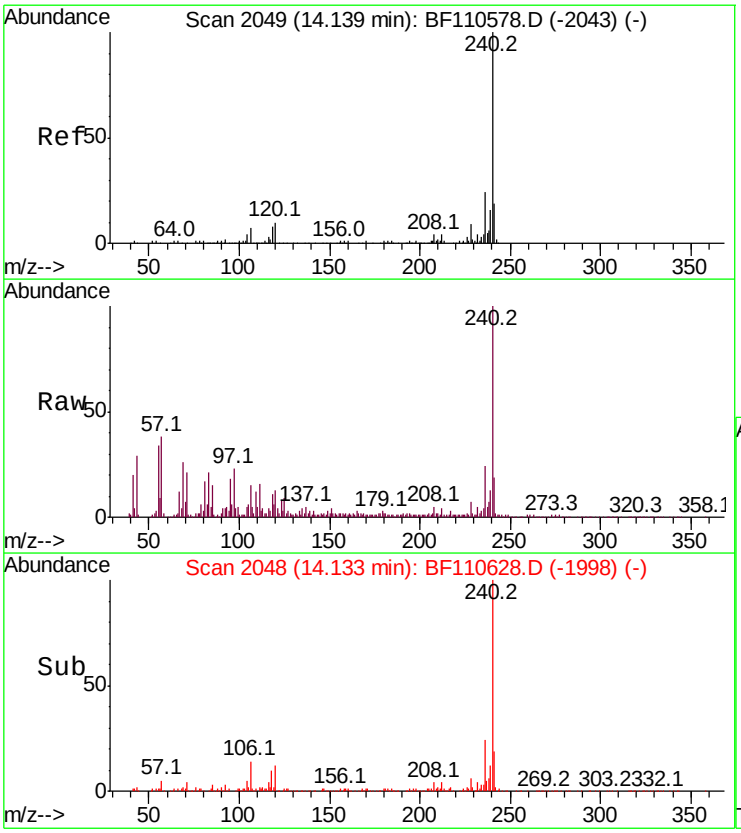
Tgt Ion:202 Resp: 59000

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	19.0	0.0	37.7



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

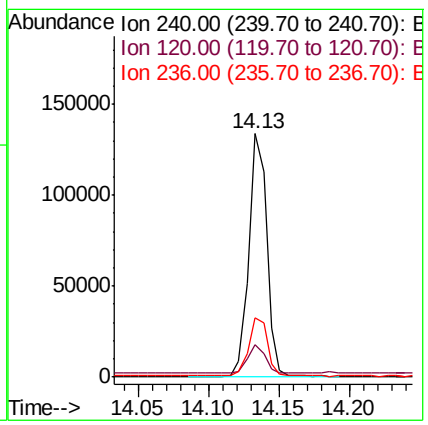
Manual Integrations APPROVED
Sohil
11/12/2018 10:30:11 AM

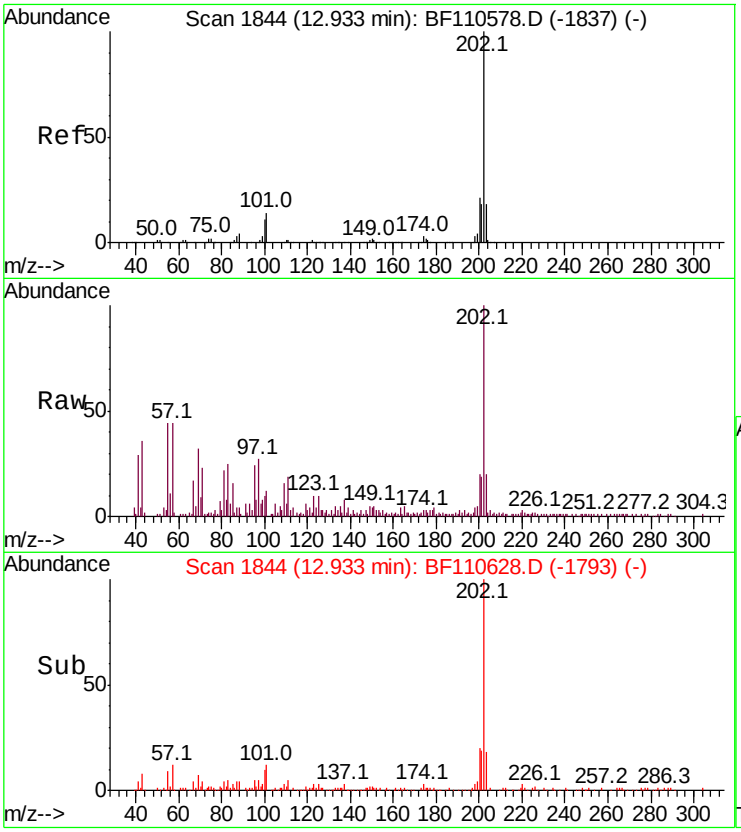


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:240 Resp: 121857

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	24.2	21.2	31.8

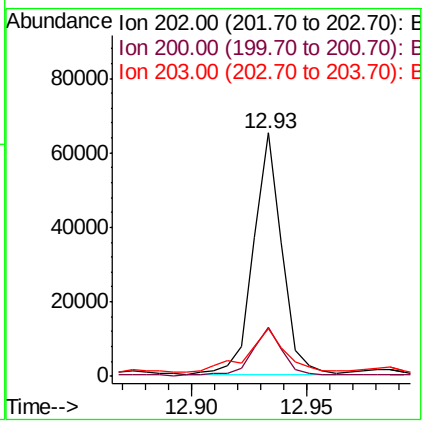




#78
Pyrene
Concen: 5.925 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:202 Resp: 55590

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	19.8	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

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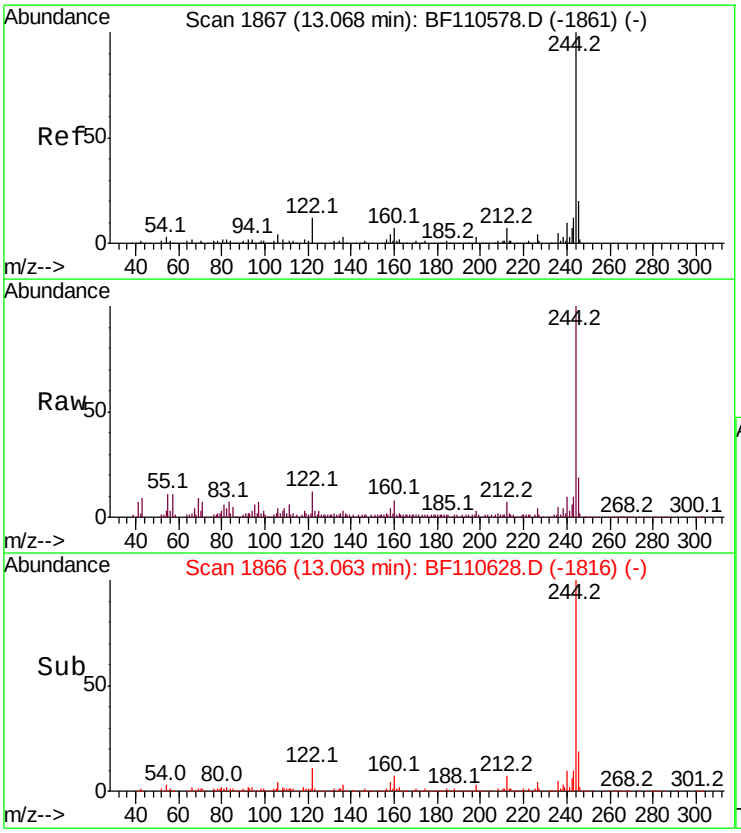
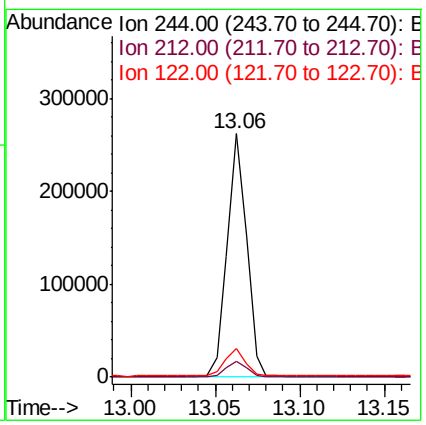
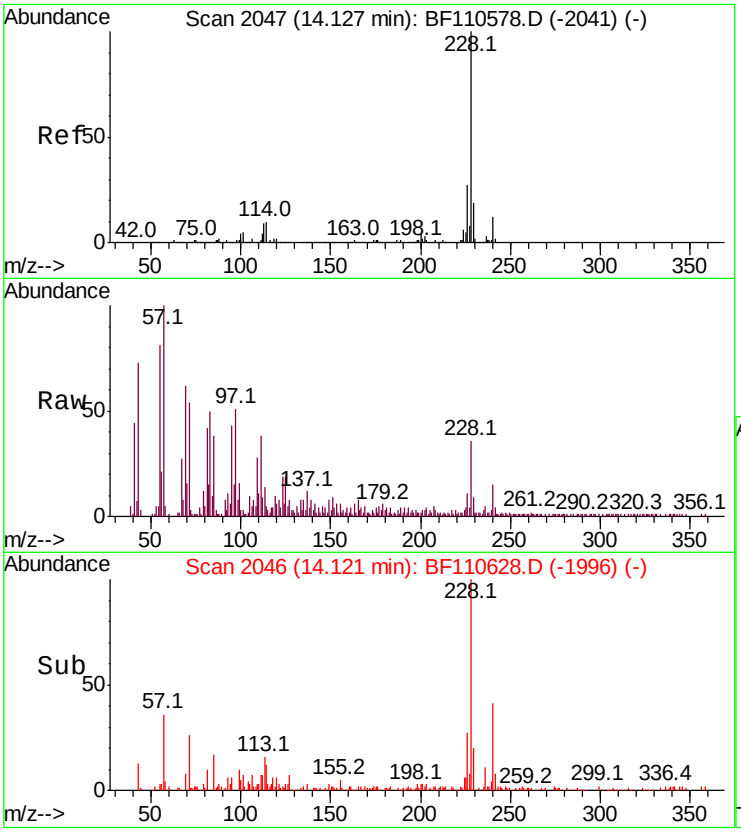


#79
Terphenyl-d14
Concen: 32.394 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:244 Resp: 210781

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.9	8.7	13.1





#81
Benzo(a)anthracene
Concen: 2.902 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:228 Resp: 21135

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	25.0	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

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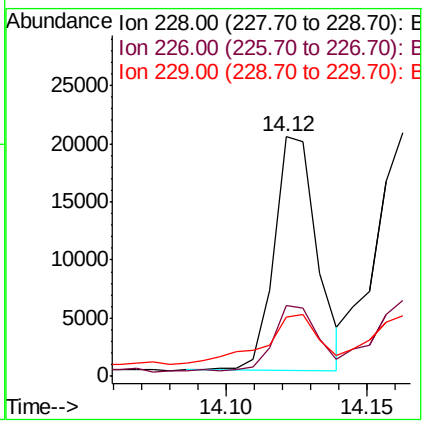
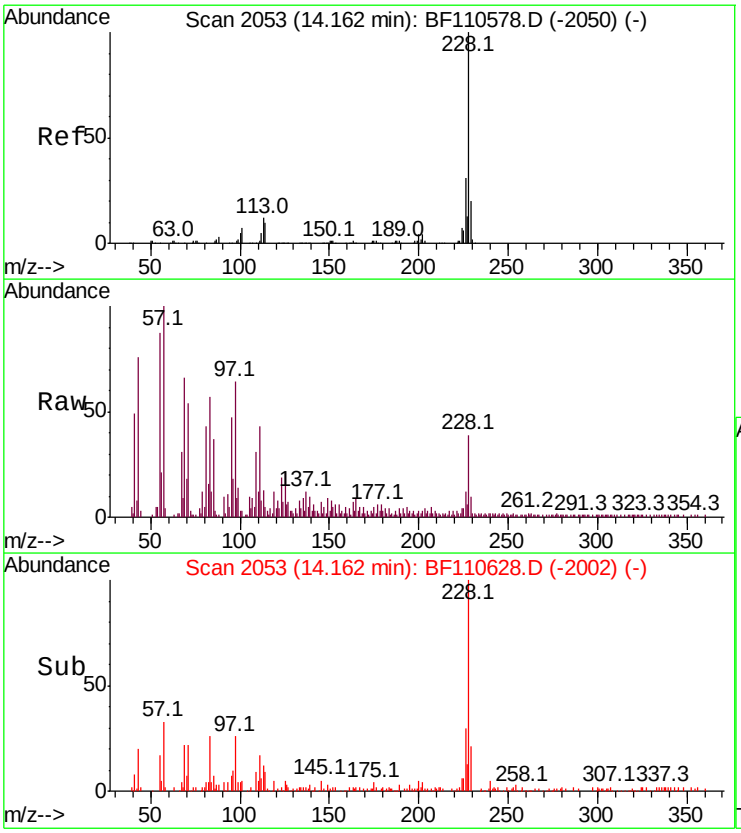
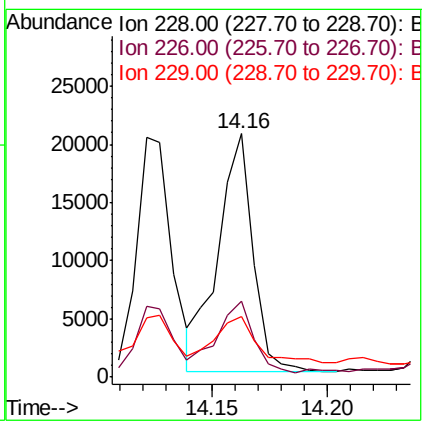


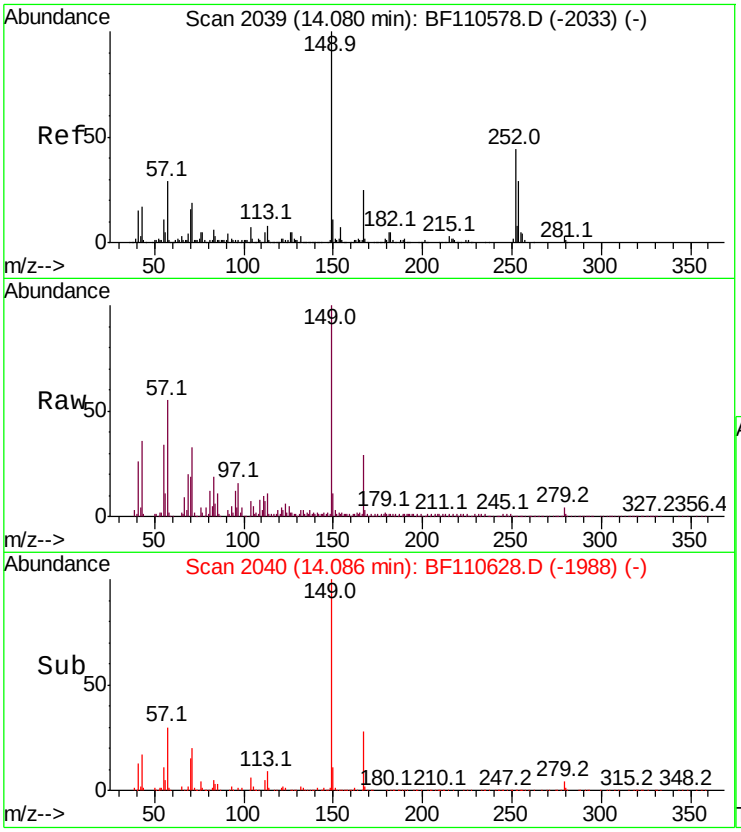


#83
Chrysene
Concen: 3.092 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:228 Resp: 21455

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	25.1	15.9	23.9#





#84
Bis(2-ethylhexyl)phthalate
Concen: 35.285 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:149 Resp: 176771

Ion	Ratio	Lower	Upper
149	100		
167	28.7	19.8	29.8
279	4.3	2.7	4.1#

Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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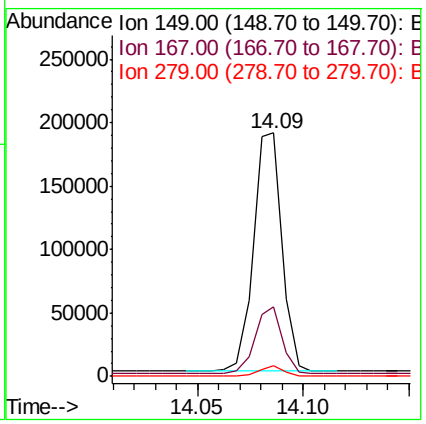
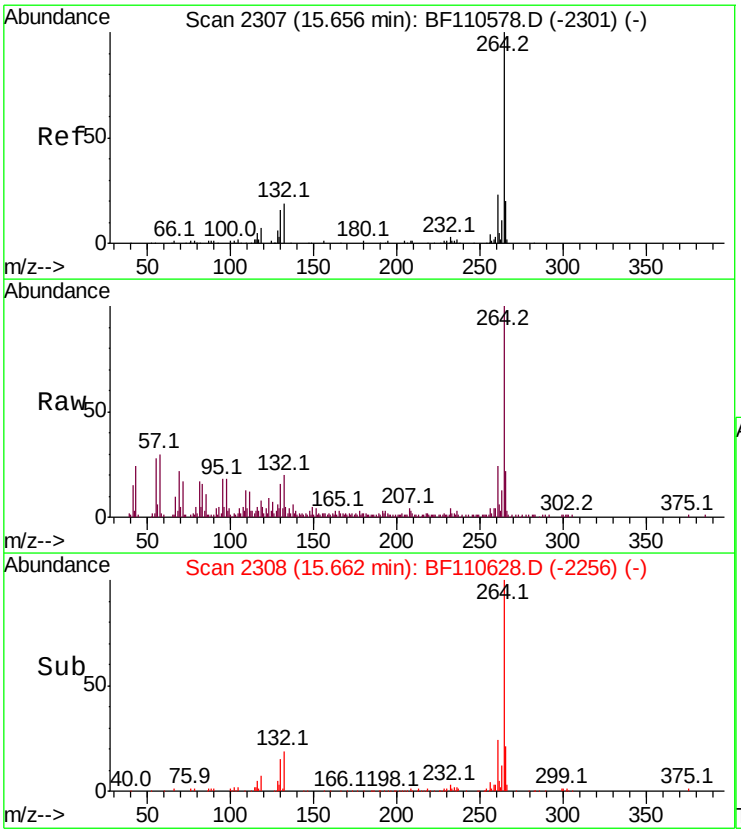
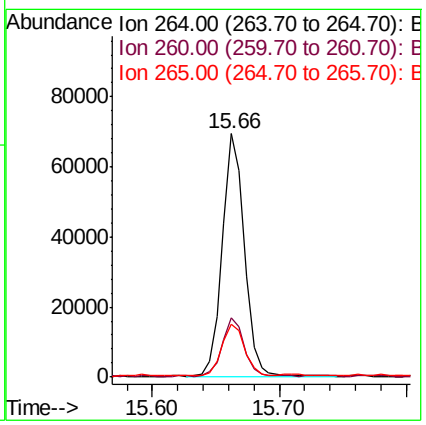


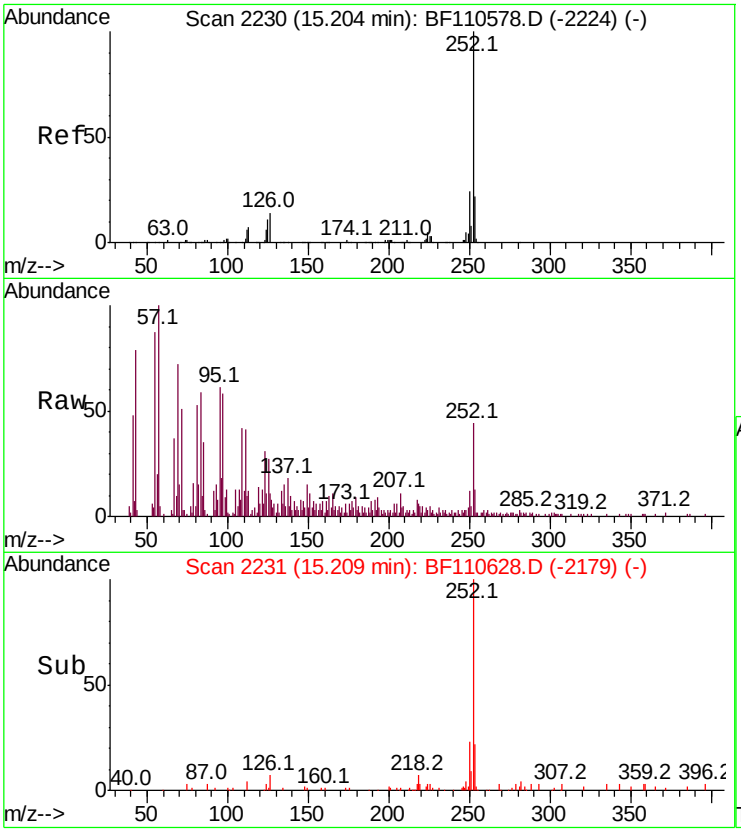


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:264 Resp: 84865

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.8	16.7	25.1





#88
Benzo(b)fluoranthene
Concen: 3.800 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:252 Resp: 19291

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.2	25.8#
125	61.8	8.2	12.4#

Instrument :
BNA_F
ClientSampleId :
EP2-SB-105(0-4)

Manual Integrations APPROVED
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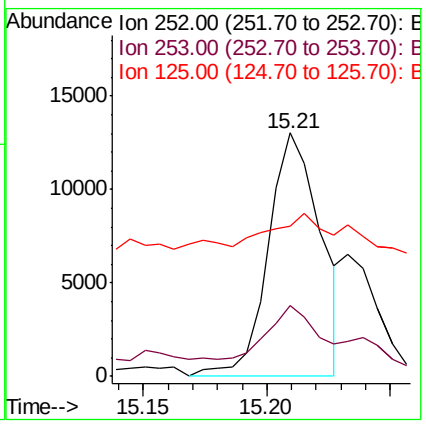

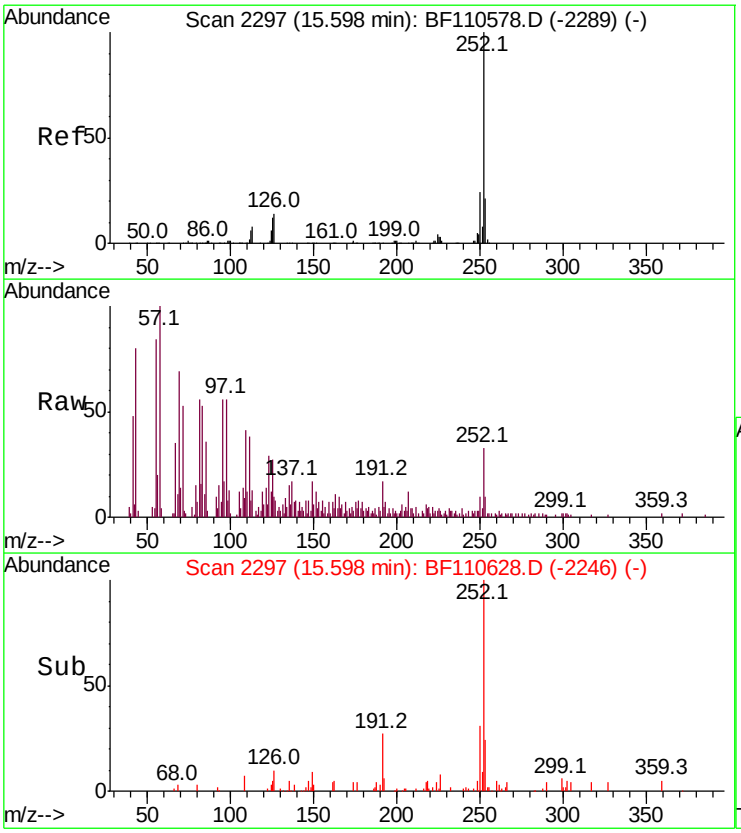

#90
Benzo(a)pyrene
Concen: 2.339 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110628.D
Acq: 9 Nov 2018 15:29

Tgt Ion:252 Resp: 10791

Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.2	27.4#
125	81.3	9.0	13.6#