Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108815.D
Acq On : 6 Sep 2018 10:18
Operator : JU/SJ
Sample : J4724-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-08

Manual Integrations APPROVED
Sohil
9/6/2018 4:46:19 PM

Quant Time: Sep 06 11:37:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	273858	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	995204	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	420850	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	670037	20.00	ng	0.00
75) Chrysene-d12	13.87	240	602385	20.00	ng	0.00
86) Perylene-d12	15.28	264	573920	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1074553	65.00	ng	0.01
7) Phenol-d6	6.37	99	1384100	65.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	832173	52.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	254710	63.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1449756	58.77	ng	0.00
78) Terphenyl-d14	12.82	244	1122693	43.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	597021	20.282	ng	99
74) Fluoranthene	12.45	202	128391	4.053	ng	97
77) Pyrene	12.67	202	127356	2.748	ng	97
87) Benzo(b)fluoranthene	14.87	252	78224m	2.507	ng	

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

Quantitation Report (QT/LSC Reviewed)

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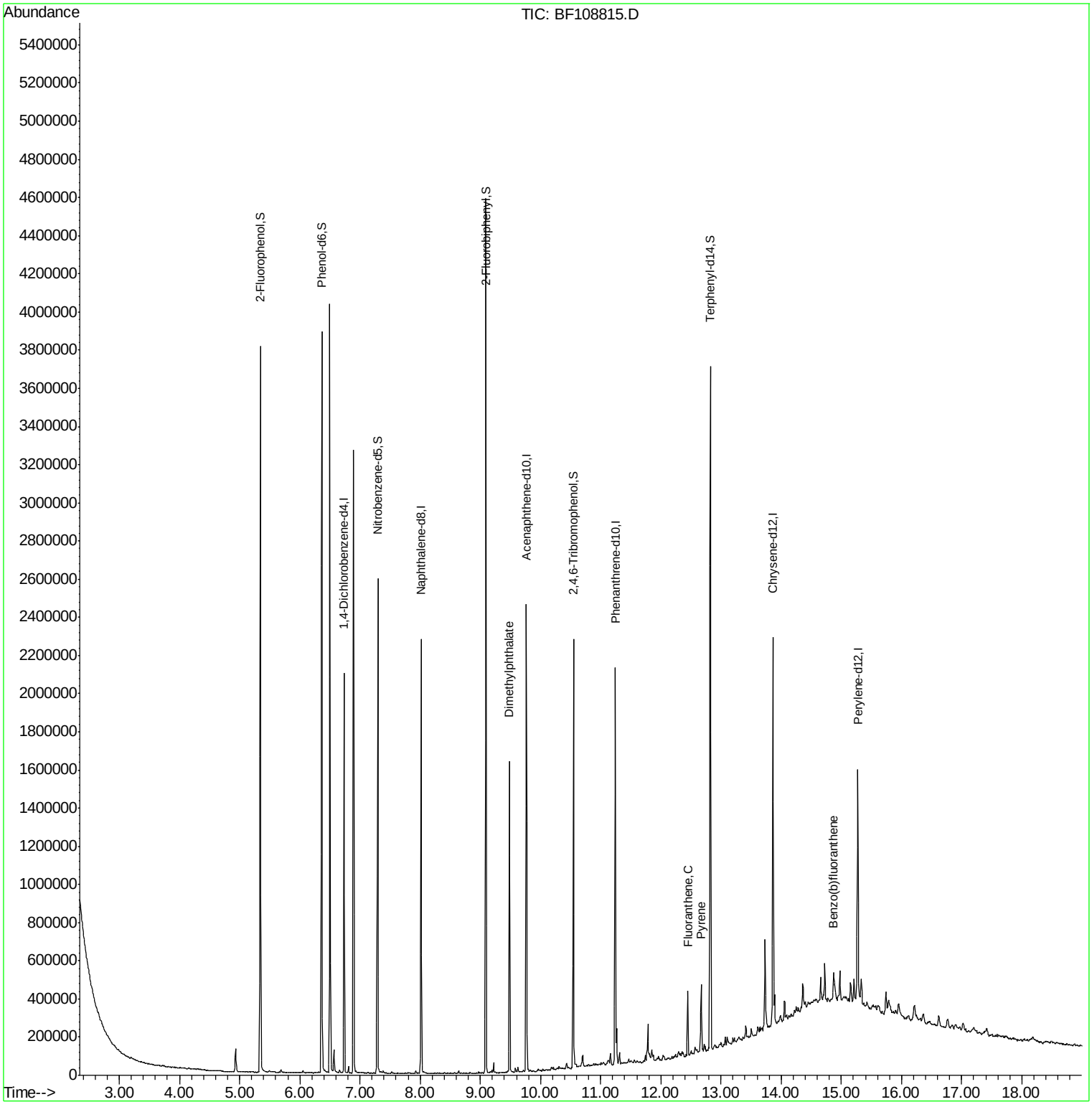
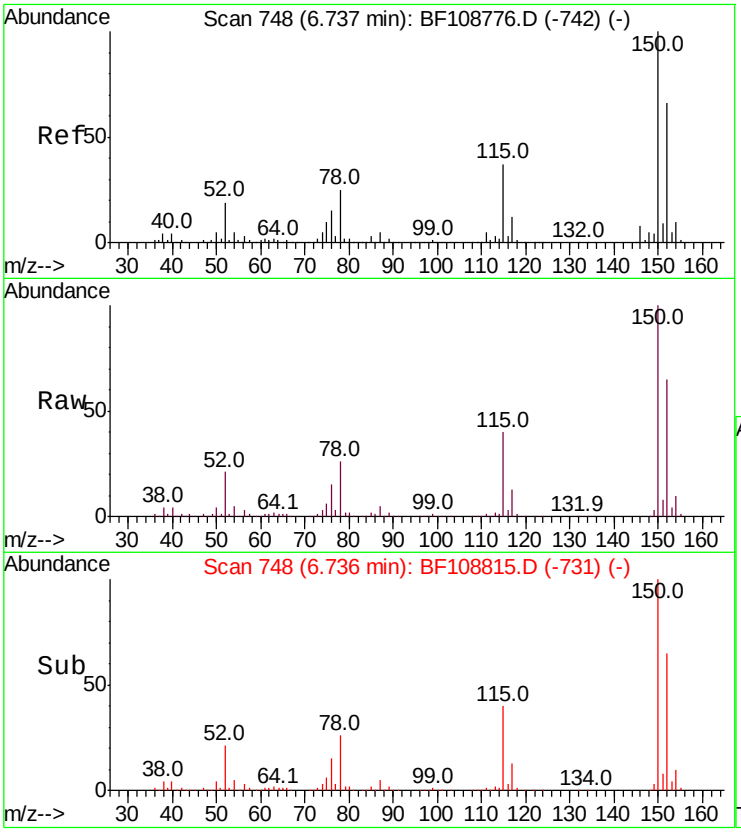
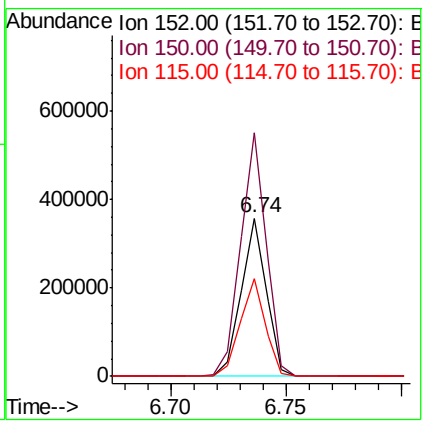




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:152 Resp: 273858

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	61.6	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-08

Manual Integrations APPROVED
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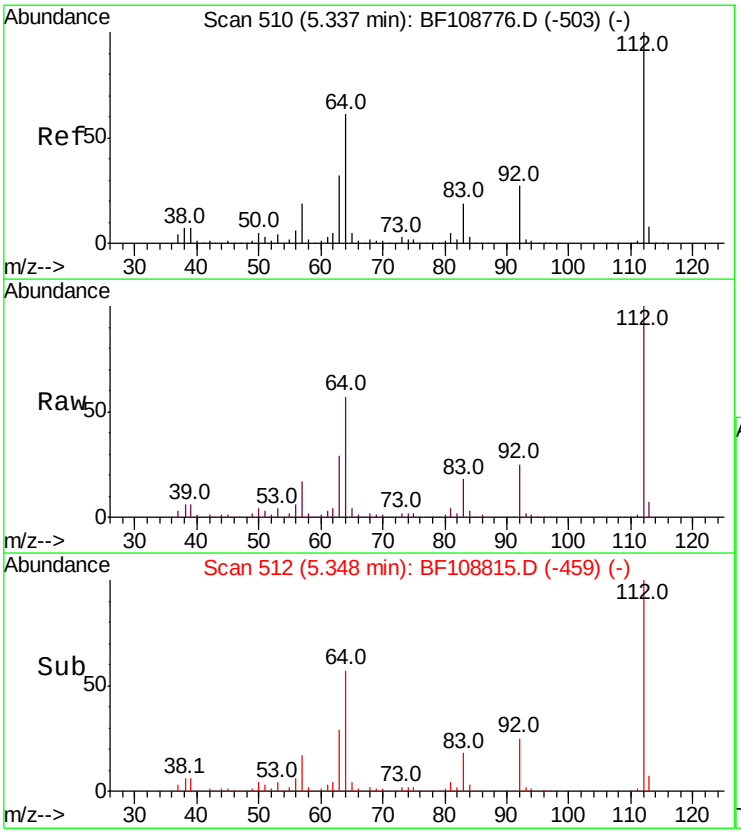
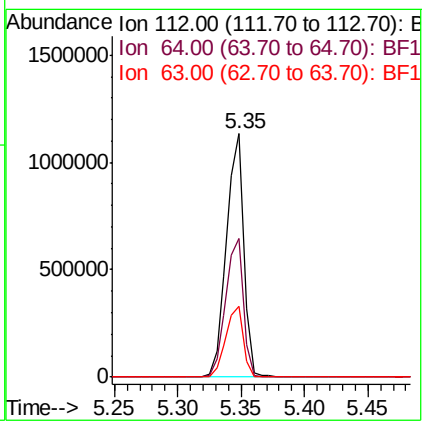
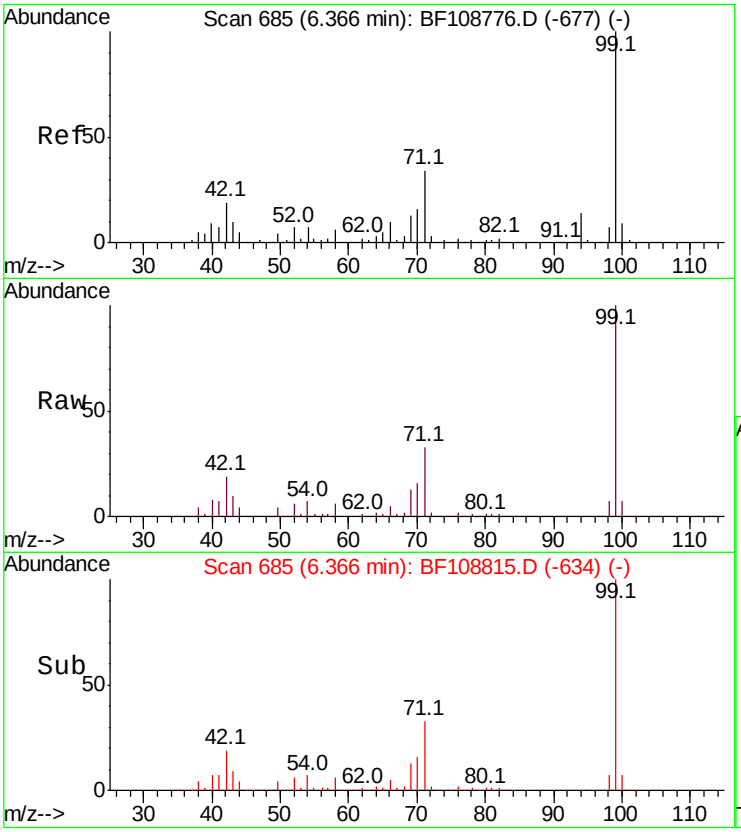


#5
2-Fluorophenol
Concen: 65.004 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:112 Resp: 1074553

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.0	23.7	35.5

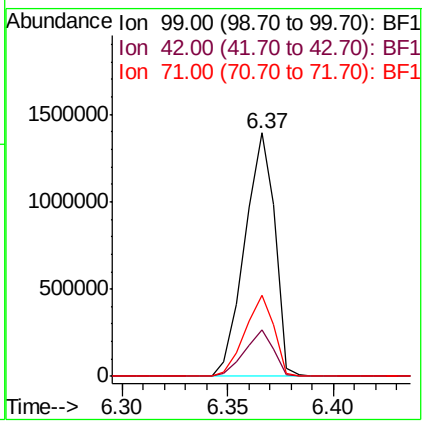




#7
Phenol-d6
Concen: 65.075 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion: 99 Resp: 1384100

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.1	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-08

Manual Integrations APPROVED
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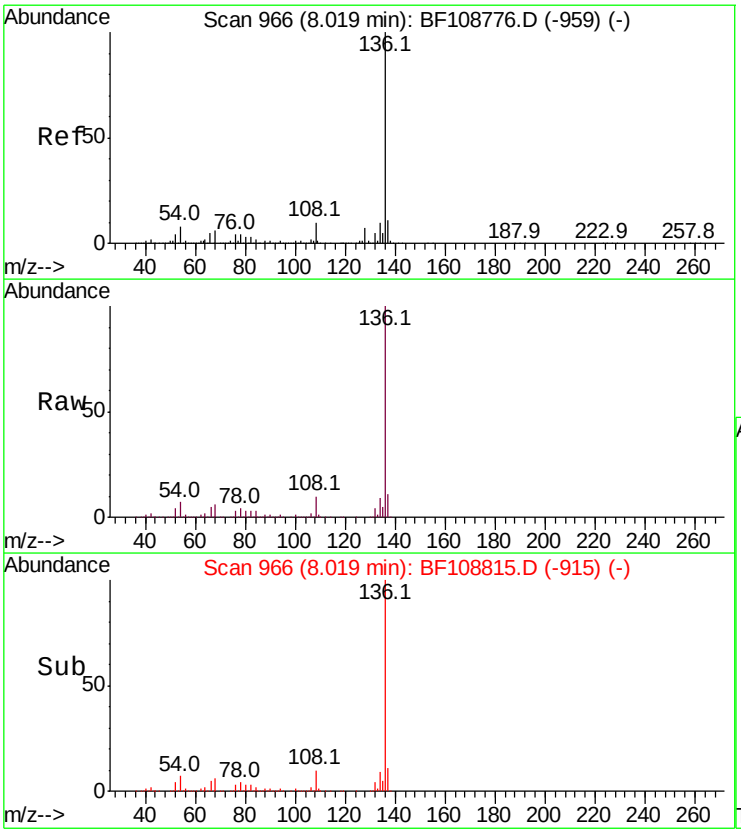
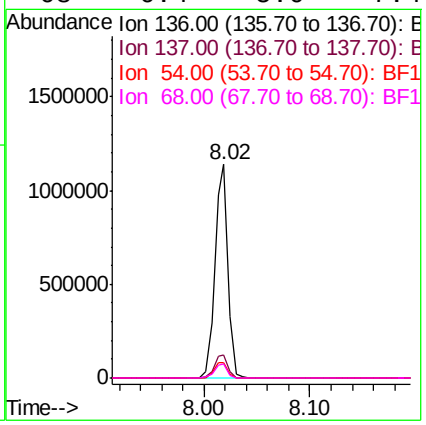
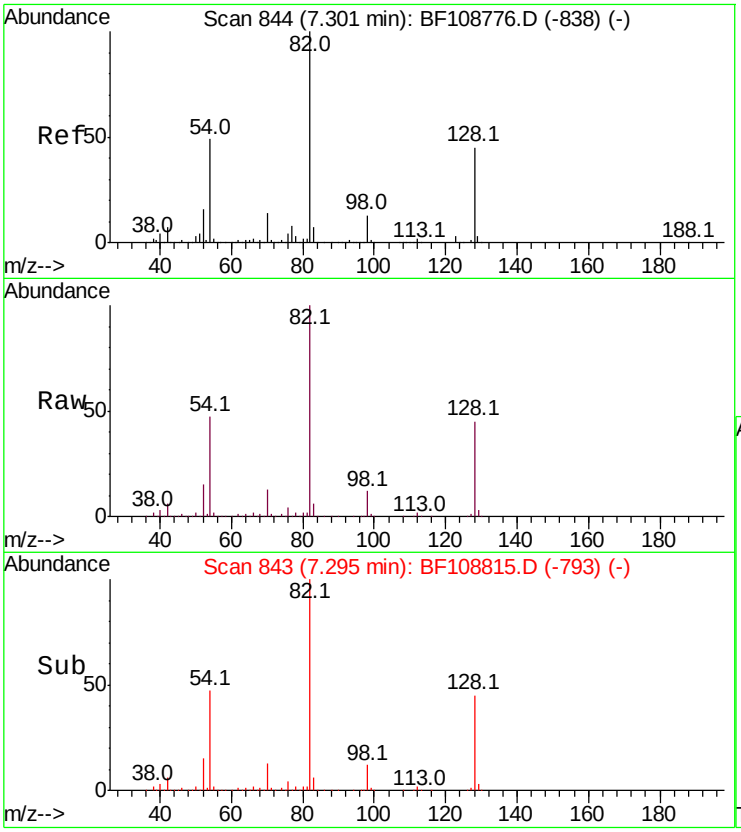


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:136 Resp: 995204

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.4	5.0	7.4

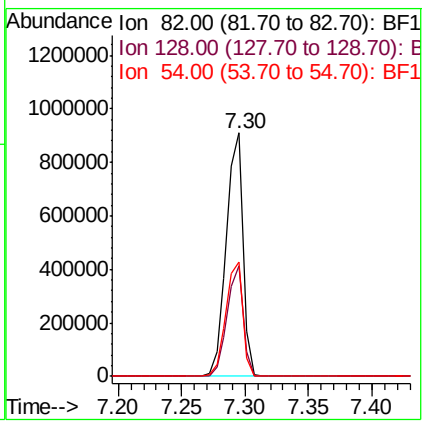




#23
Nitrobenzene-d5
Concen: 52.329 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion: 82 Resp: 832173

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	47.0	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-08

Manual Integrations APPROVED
Sohil
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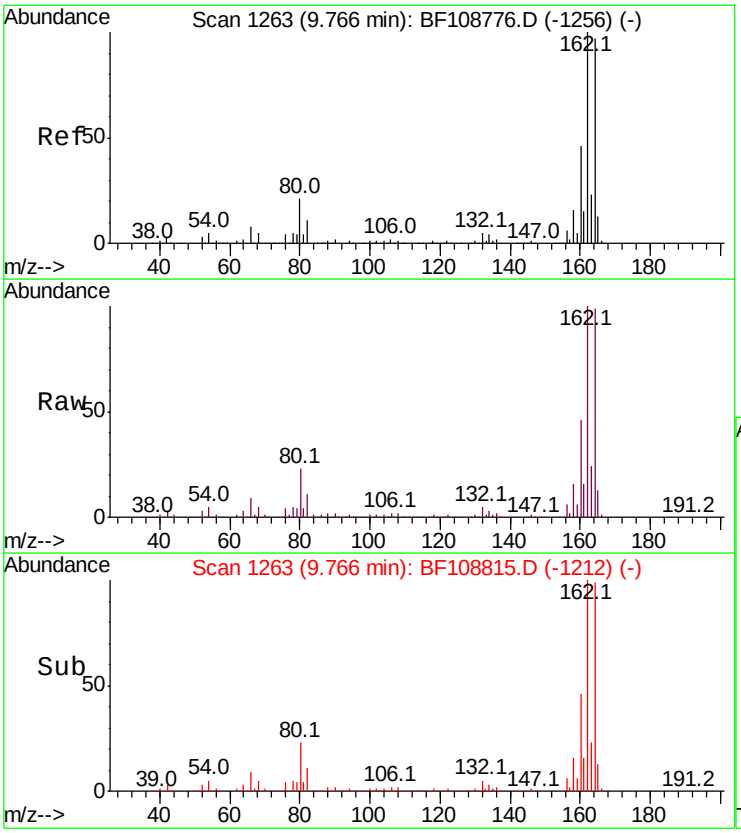
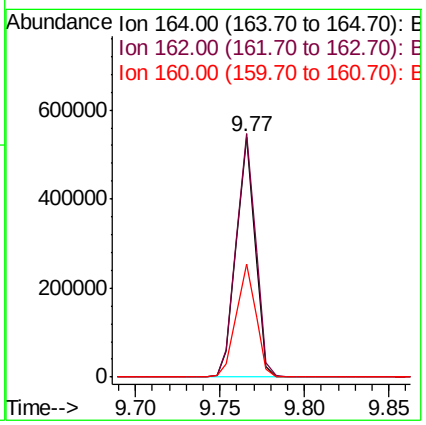
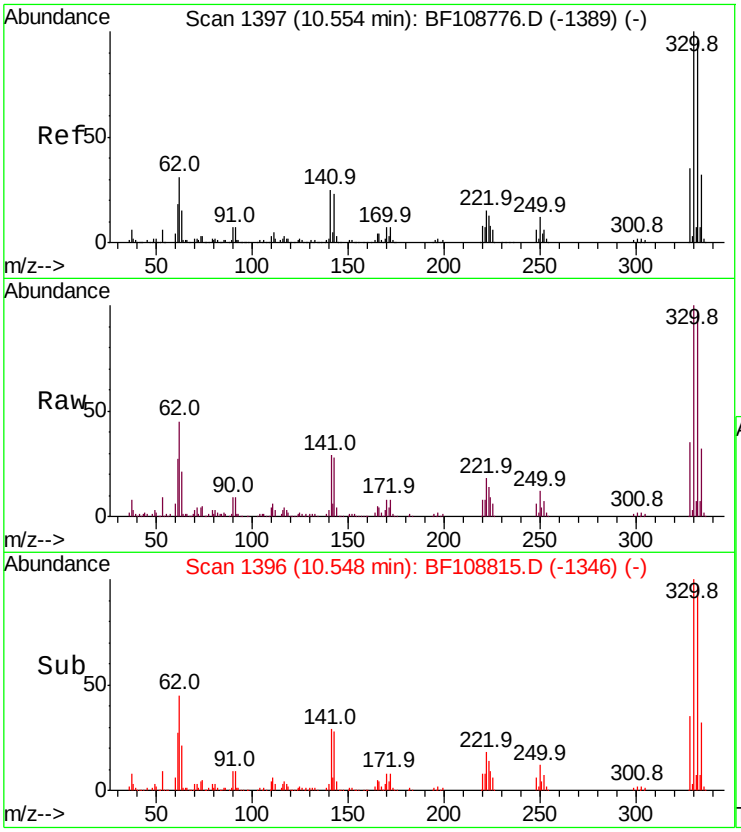


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:164 Resp: 420850

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	47.1	38.3	57.5

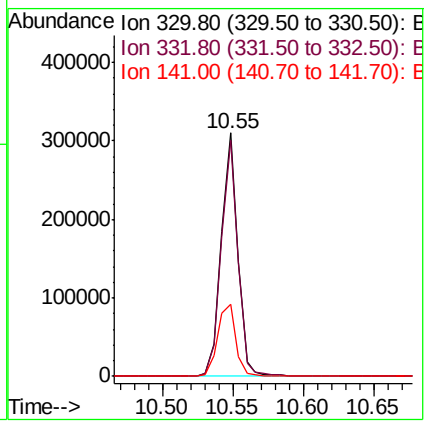




#41
2,4,6-Tribromophenol
Concen: 63.398 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:330 Resp: 254710

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.2	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-08

Manual Integrations APPROVED
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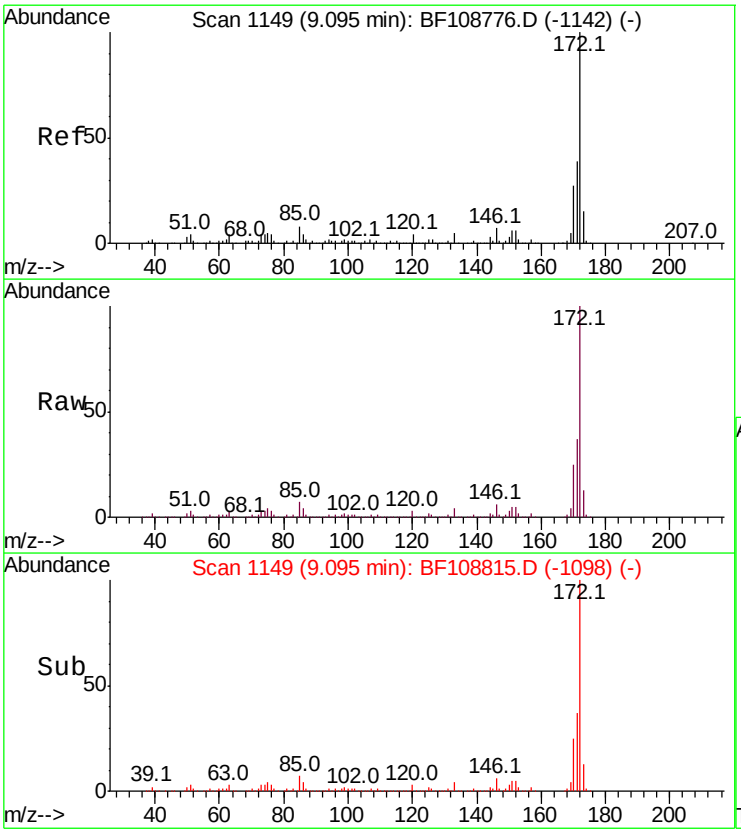
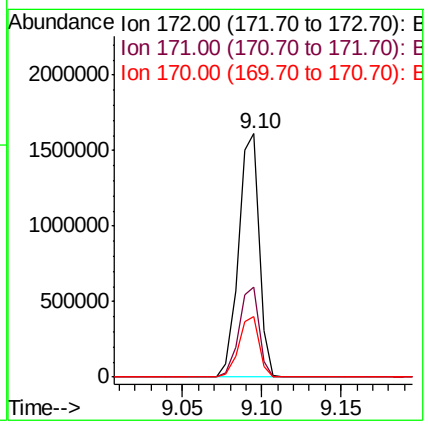
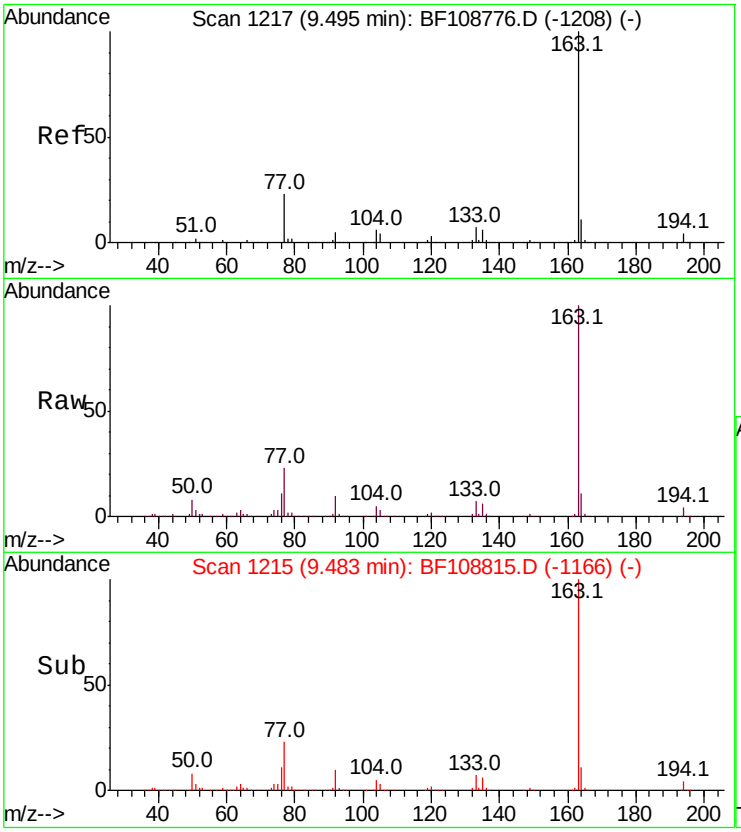


#44
2-Fluorobiphenyl
Concen: 58.768 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:172 Resp: 1449756

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4

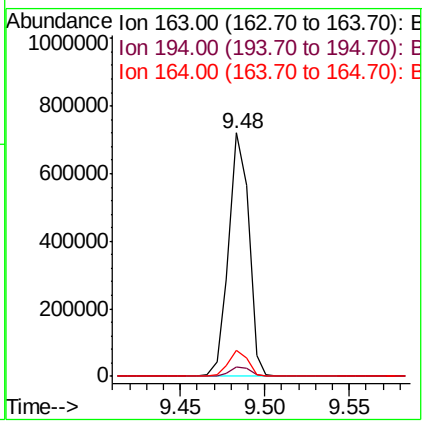




#49
Dimethylphthalate
Concen: 20.282 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:163 Resp: 597021

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.7	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-08

Manual Integrations APPROVED
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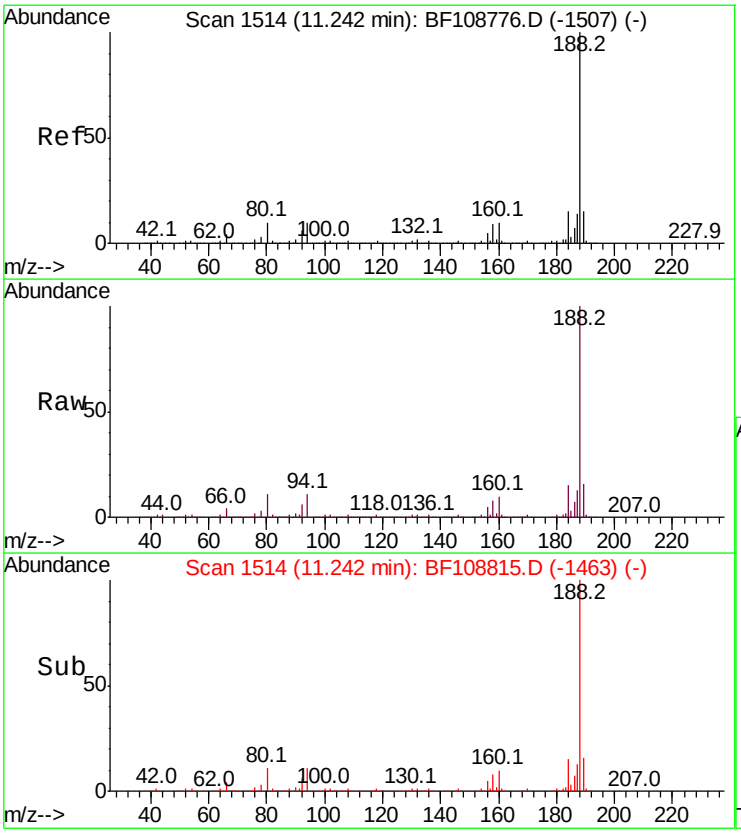
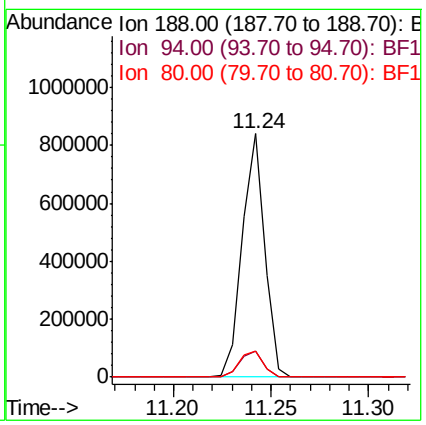
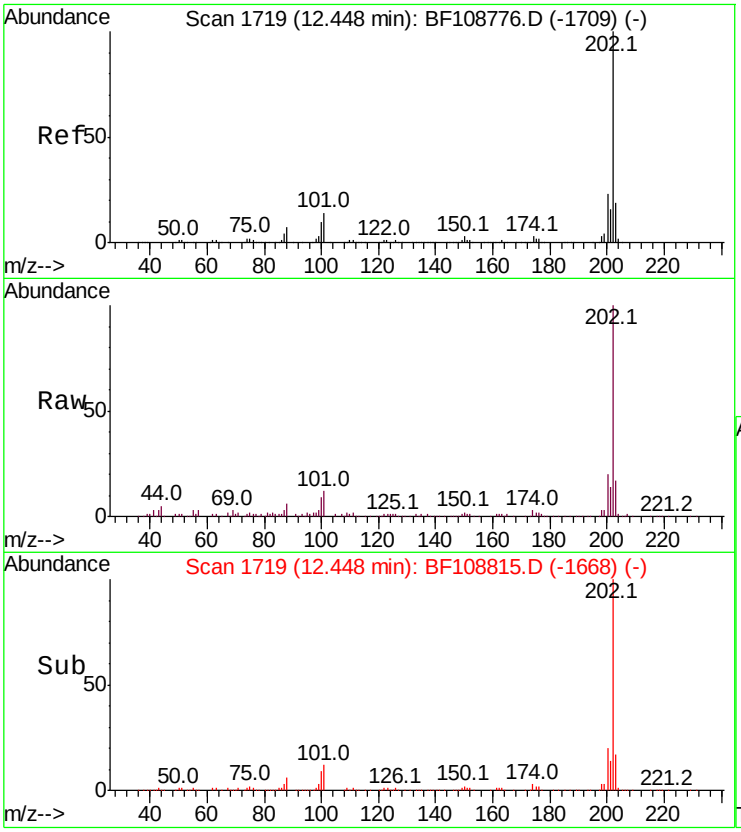


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:188 Resp: 670037

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.9	9.2	13.8

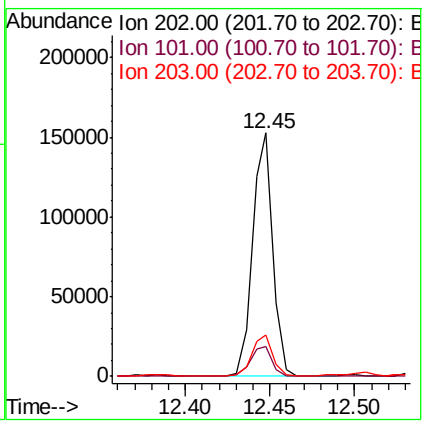




#74
Fluoranthene
Concen: 4.053 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:202 Resp: 128391

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.0	0.0	38.1



Instrument :
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ClientSampleId :
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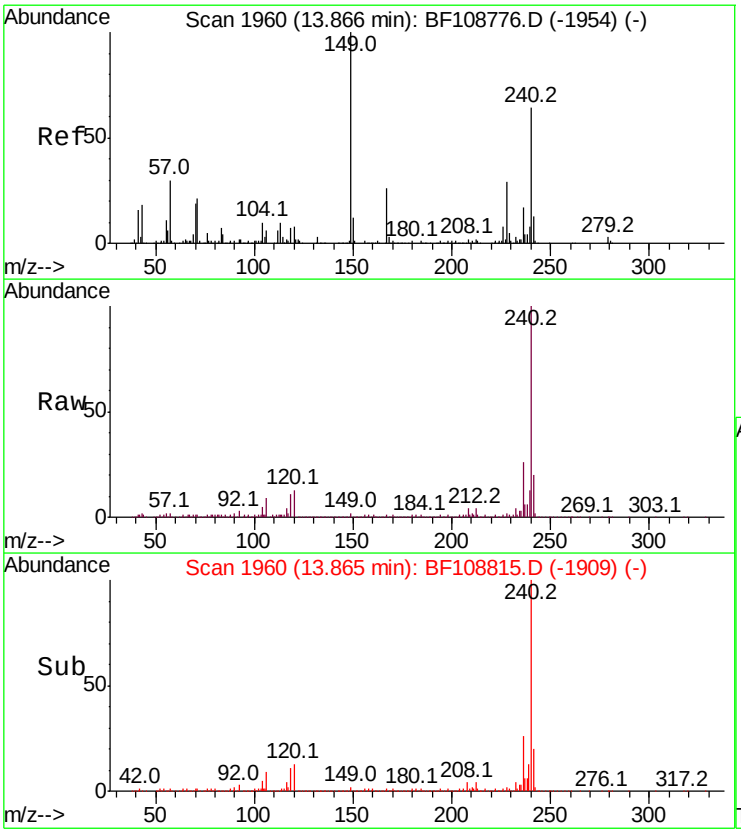
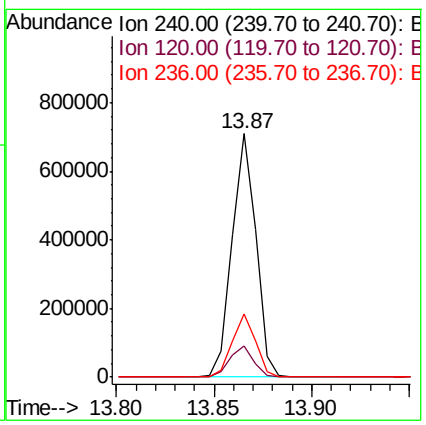
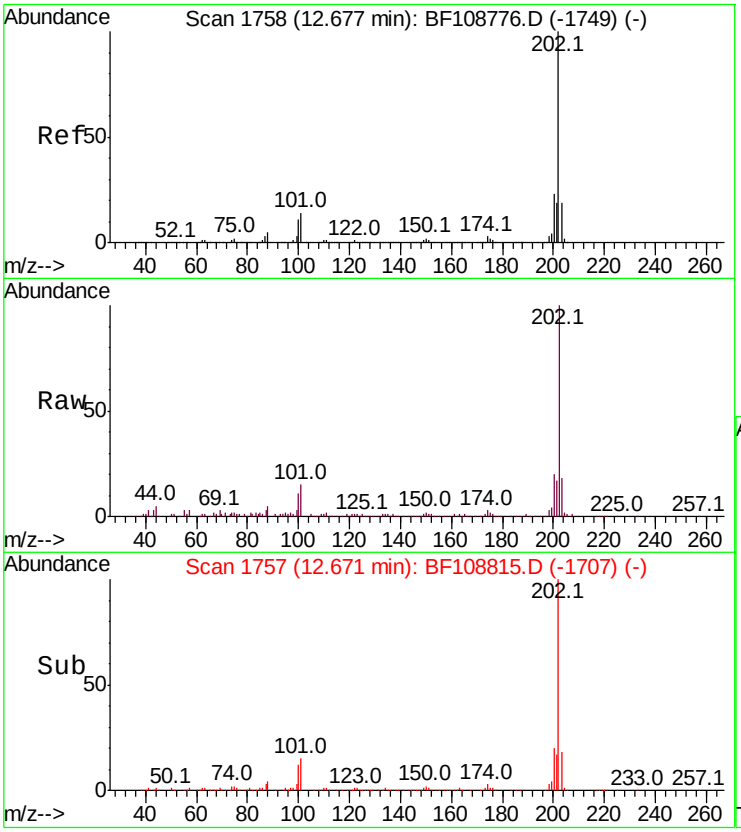


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:240 Resp: 602385

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.9	20.7	31.1

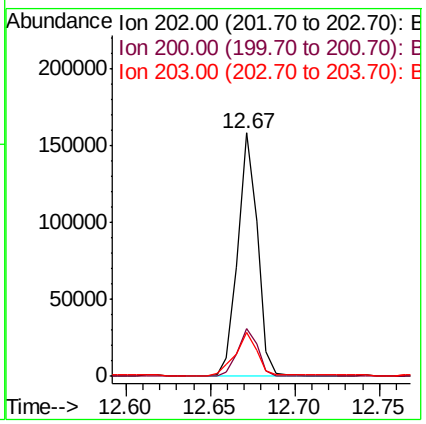




#77
Pyrene
Concen: 2.748 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:202 Resp: 127356

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	18.2	14.3	21.5



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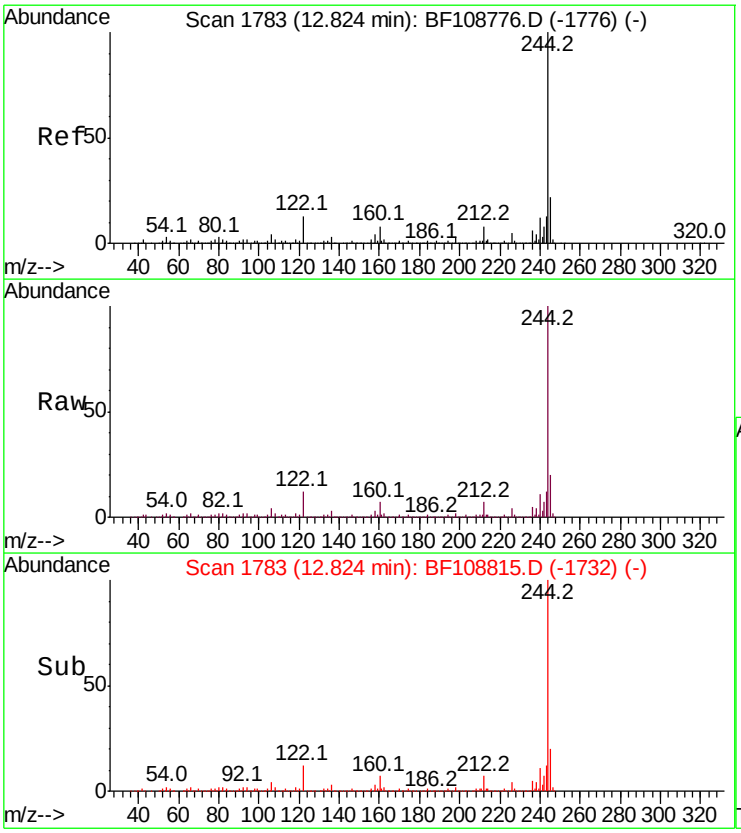
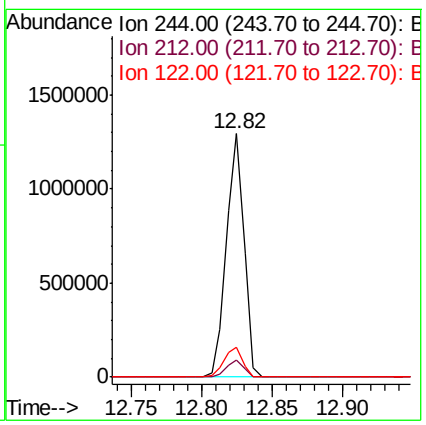
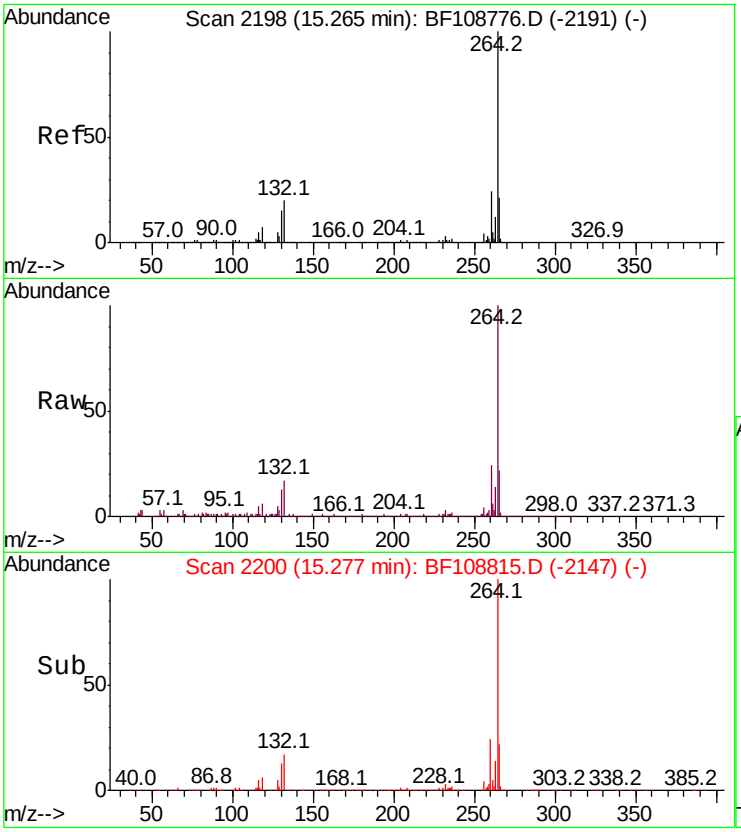


#78
Terphenyl-d14
Concen: 43.461 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:244 Resp: 1122693

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4

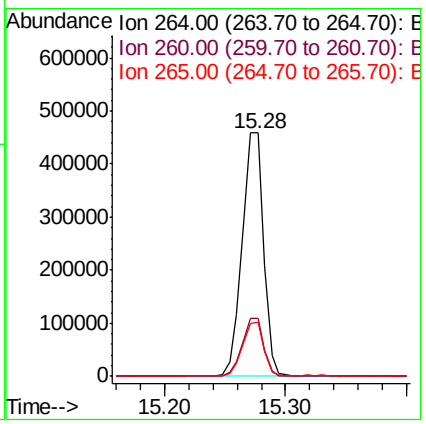




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:264 Resp: 573920

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-08

Manual Integrations APPROVED
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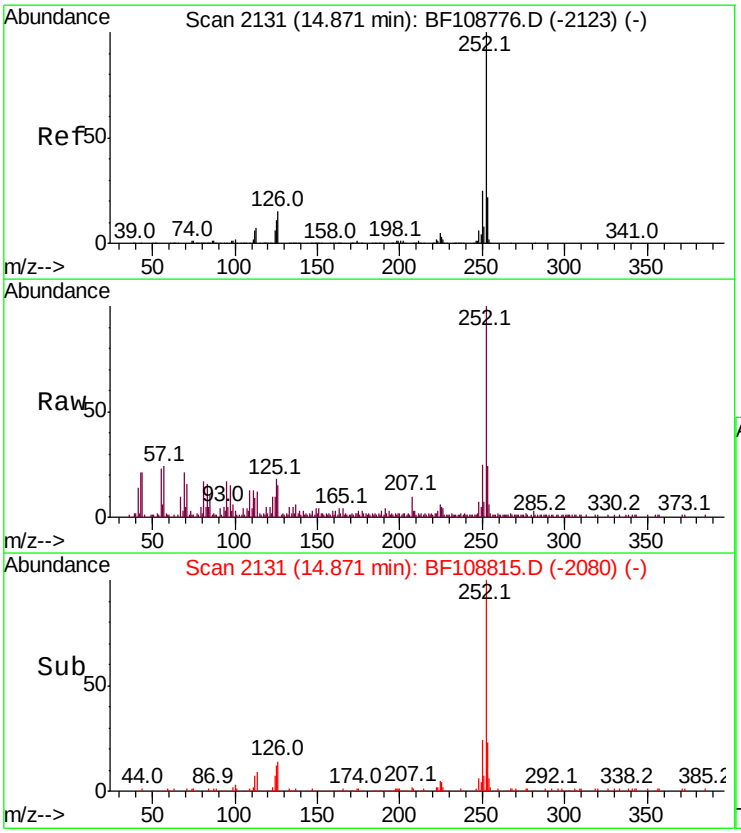

#87
Benzo(b)fluoranthene
Concen: 2.507 ng m
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108815.D
Acq: 6 Sep 2018 10:18

Tgt Ion:252 Resp: 78224

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	18.1	9.0	13.6#