

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108810.D
 Acq On : 6 Sep 2018 8:04
 Operator : JU/SJ
 Sample : J4724-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-03

Manual Integrations
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Quant Time: Sep 06 11:14:46 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	283372	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1067584	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	501140	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	834646	20.00	ng	0.00
75) Chrysene-d12	13.87	240	610817	20.00	ng	0.00
86) Perylene-d12	15.27	264	596644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	977528	57.15	ng	0.00
7) Phenol-d6	6.37	99	1262108	57.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	768792	45.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	273450	57.16	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1423591	48.46	ng	0.00
78) Terphenyl-d14	12.82	244	1096712	41.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	553735	15.798	ng	99
70) Phenanthrene	11.27	178	284579	7.140	ng	97
74) Fluoranthene	12.45	202	382563	9.694	ng	97
77) Pyrene	12.67	202	341898	7.274	ng	99
80) Benzo(a)anthracene	13.85	228	171737	4.386	ng	98
82) Chrysene	13.89	228	151799	4.005	ng	95
85) Indeno(1,2,3-cd)pyrene	16.62	276	76283	2.274	ng	95
87) Benzo(b)fluoranthene	14.87	252	190919m	5.885	ng	
88) Benzo(k)fluoranthene	14.89	252	63969m	2.141	ng	
89) Benzo(a)pyrene	15.21	252	132179	4.515	ng	98
91) Benzo(g,h,i)perylene	17.02	276	71438	2.766	ng	98

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

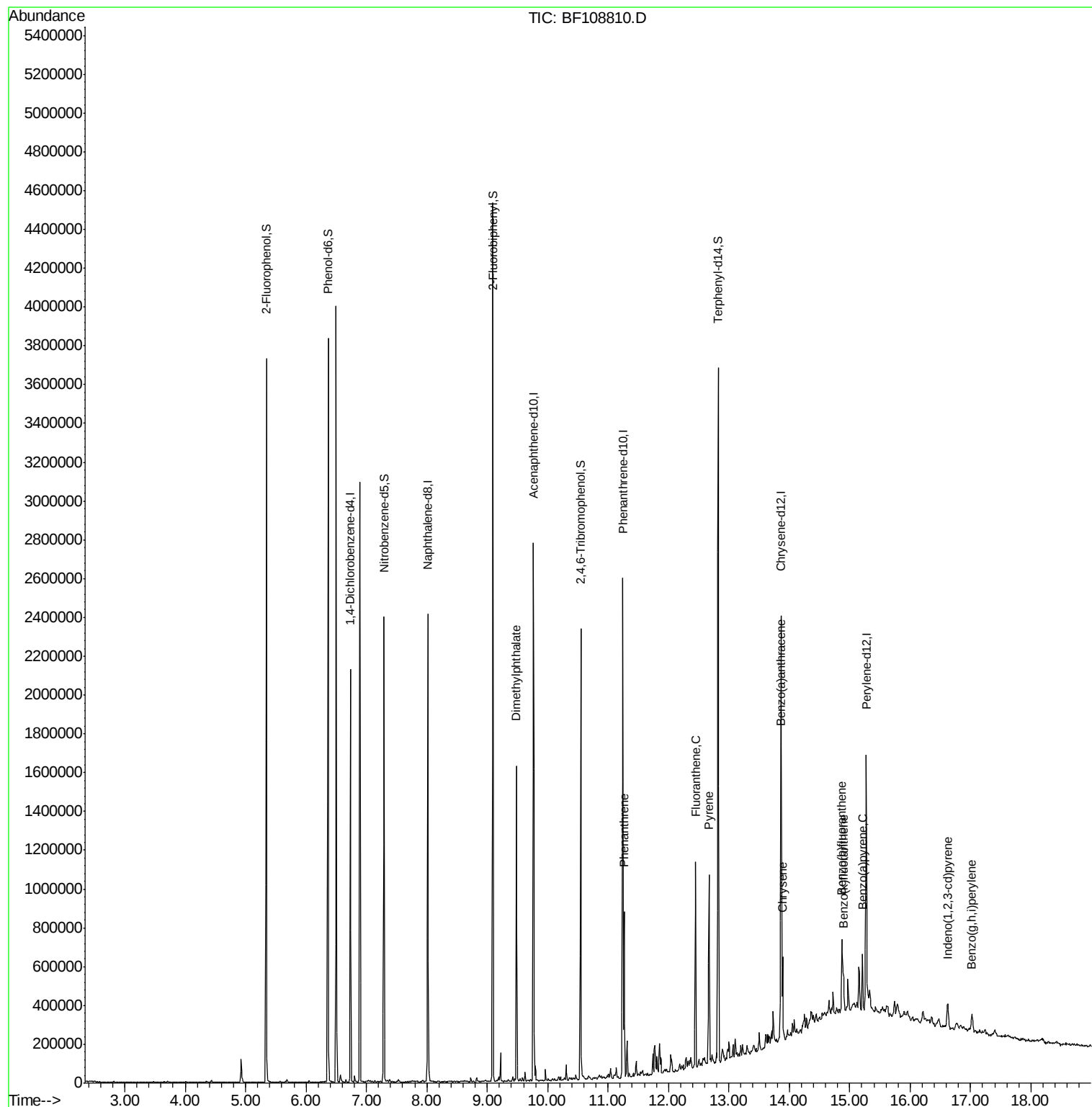
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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ALS Vial : 28 Sample Multiplier: 1

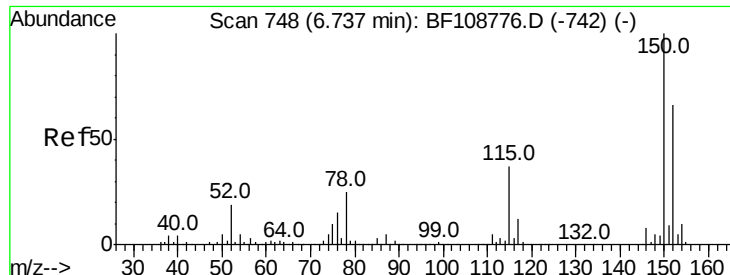
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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#1

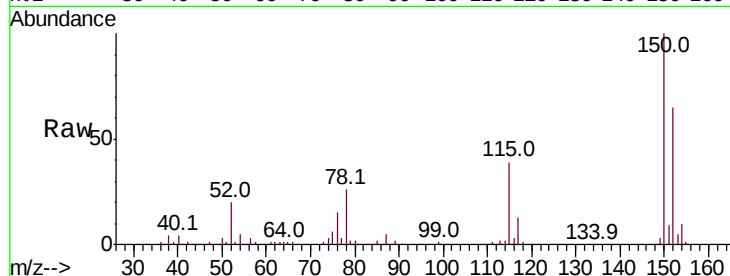
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	60.5	50.1	75.1

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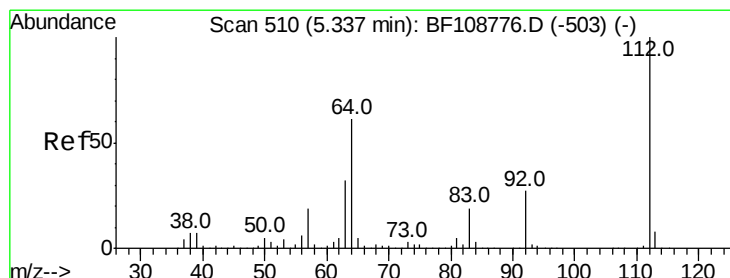
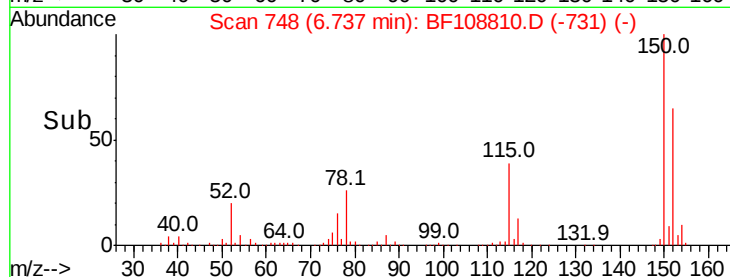
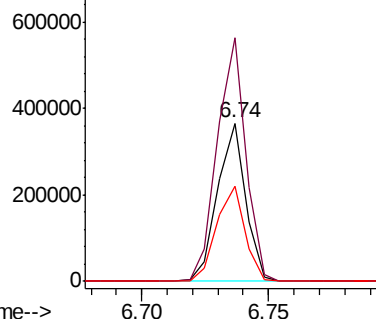


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

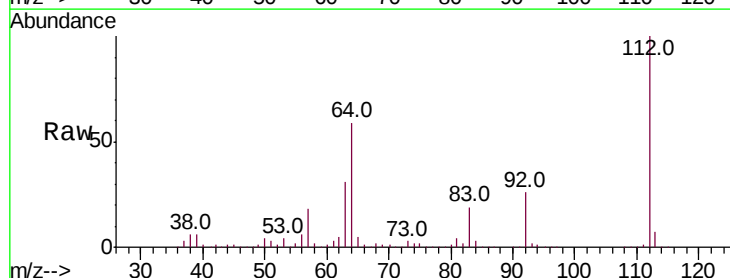
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.149 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.6	23.7	35.5

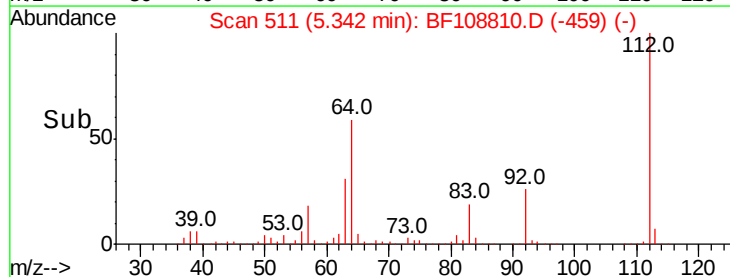
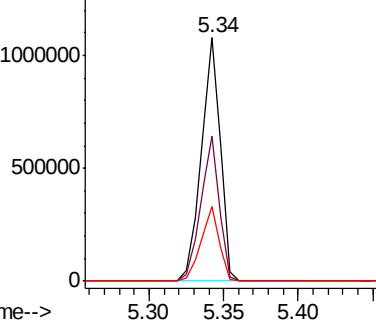


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 57.347 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108810.D

Acq: 6 Sep 2018 8:04

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-UST-03

Tot Ion: 99 Resp: 1262108

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

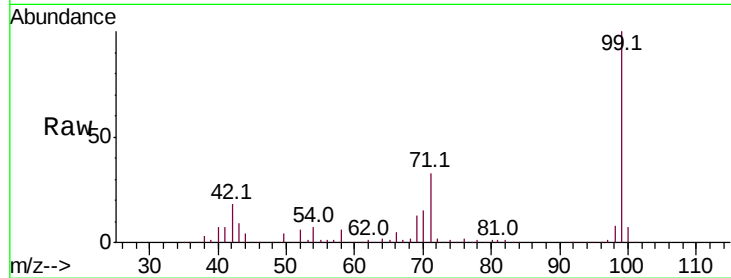
71 32.6 25.4 38.0

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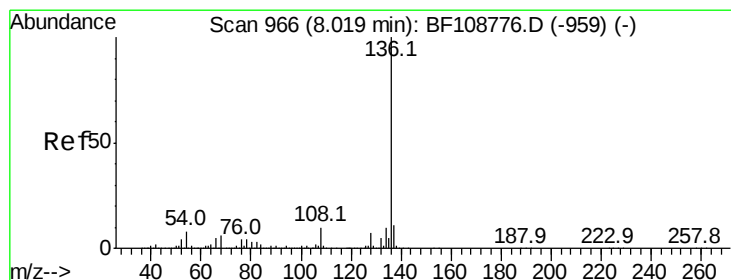
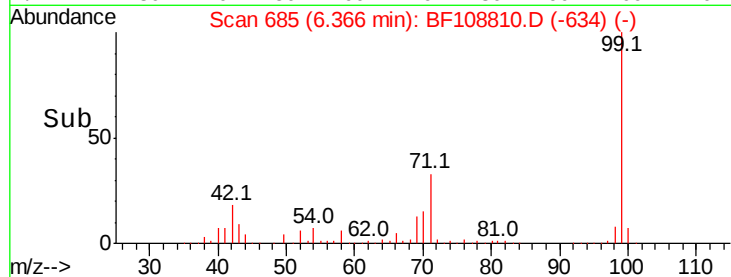
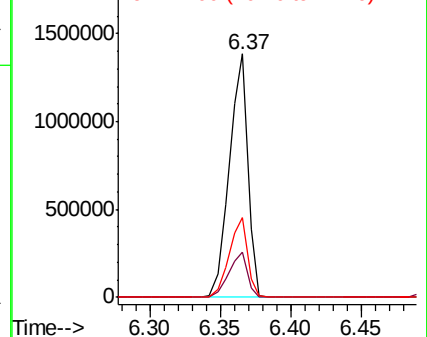
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108810.D

Acq: 6 Sep 2018 8:04

Tgt Ion: 136 Resp: 1067584

Ion Ratio Lower Upper

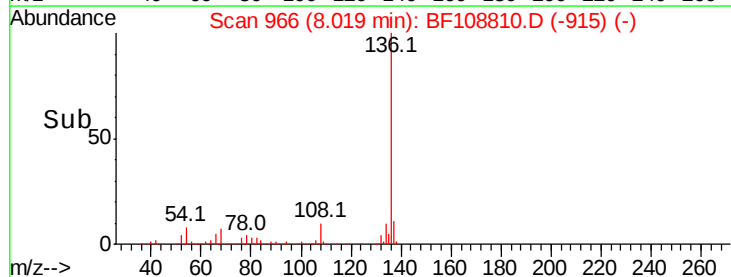
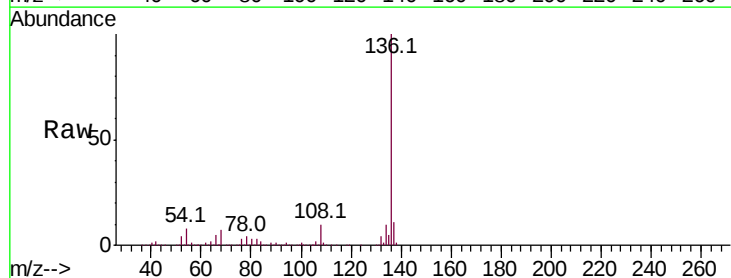
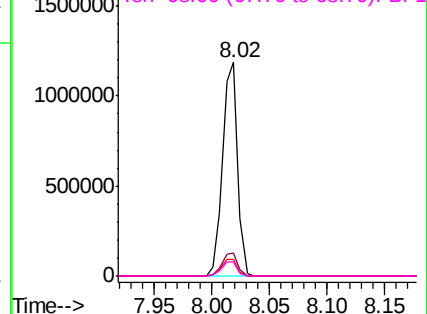
136 100

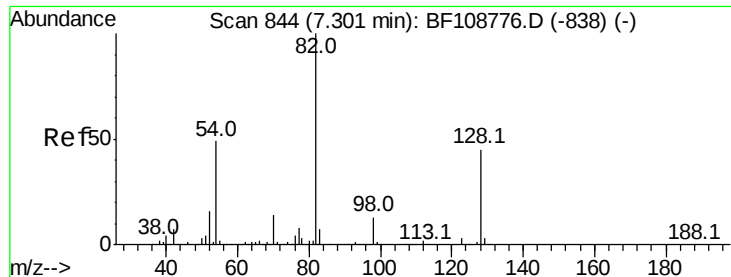
137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 6.7 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





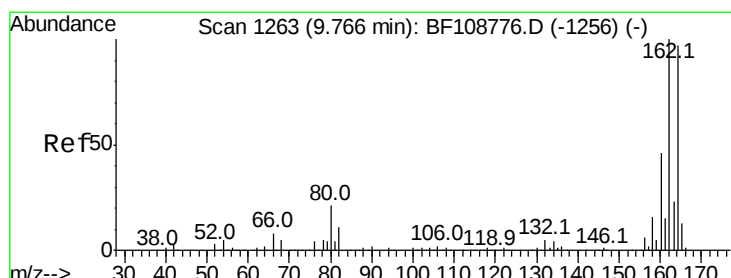
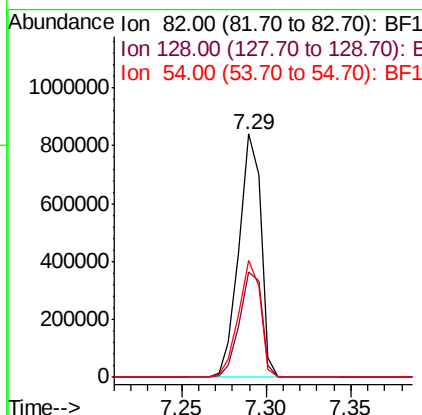
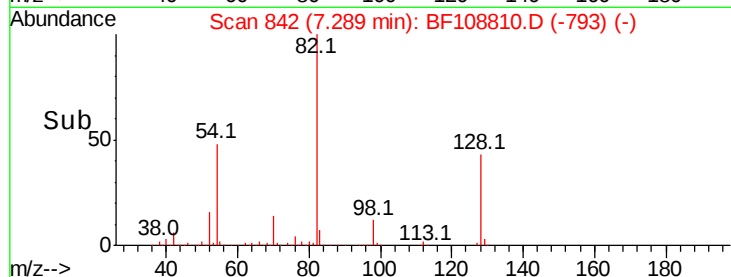
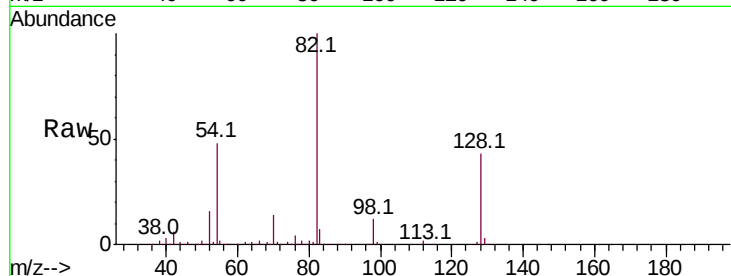
#23
 Nitrobenzene-d5
 Concen: 45.066 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108810.D
 Acq: 6 Sep 2018 8:04

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-03

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	36.1	54.1	
54	48.1	41.4	62.2	

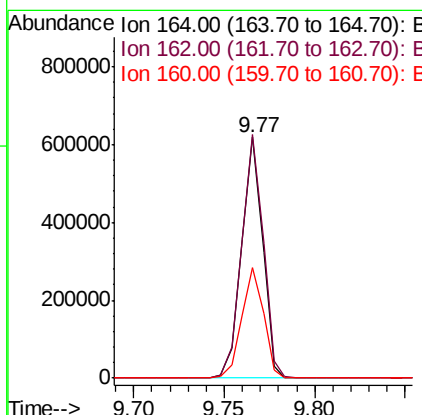
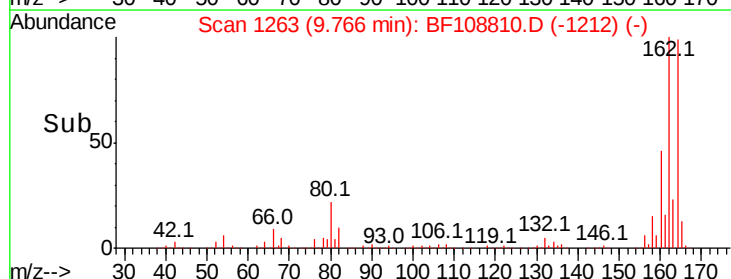
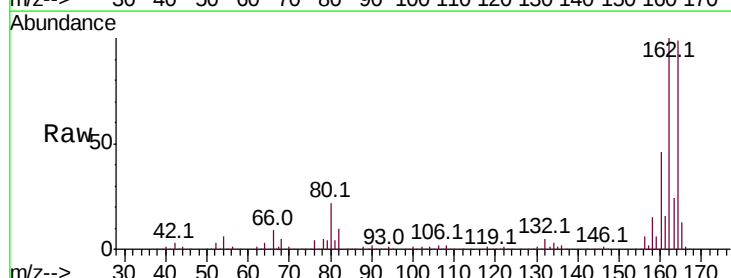
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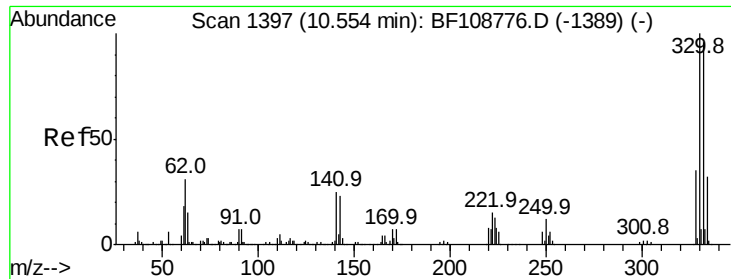
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108810.D
 Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	86.1	129.1	
160	46.1	38.3	57.5	





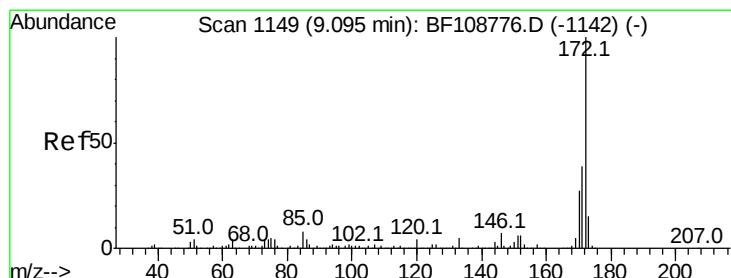
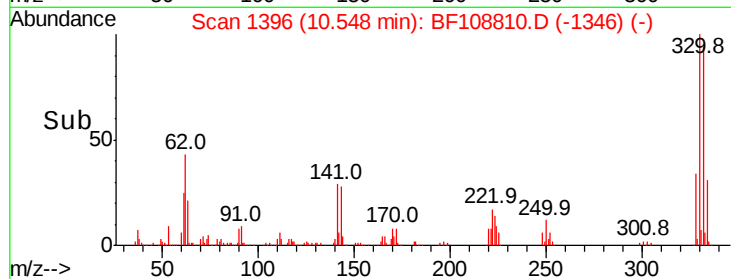
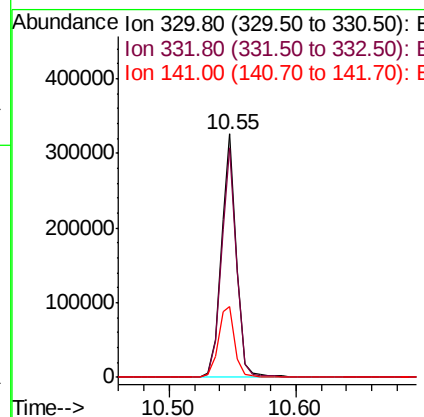
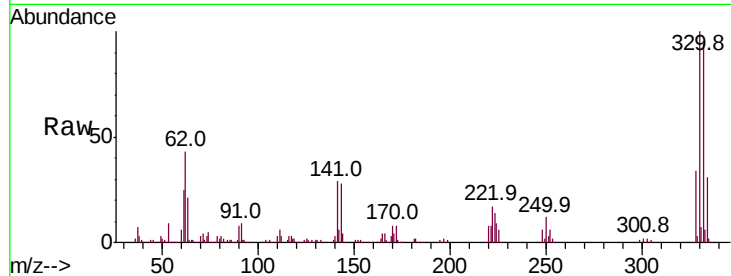
#41
 2,4,6-Tribromophenol
 Concen: 57.158 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108810.D
 Acq: 6 Sep 2018 8:04

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-03

Tot Ion	Ratio	Resp	Lower	Upper
330	100	273450		
332	94.8	77.0	115.6	
141	32.2	29.9	44.9	

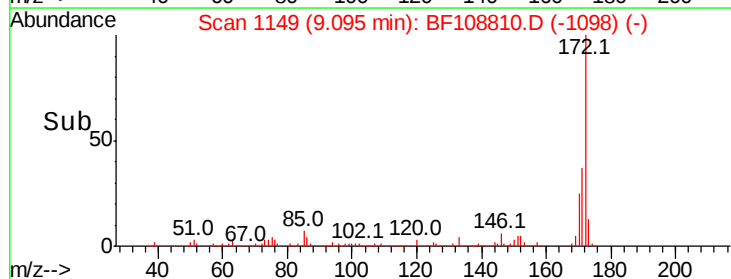
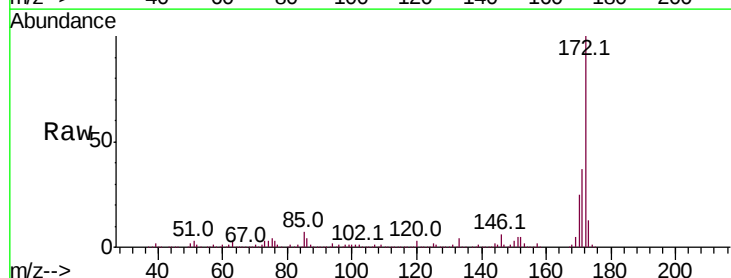
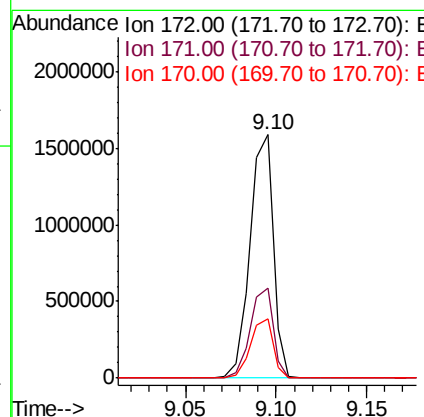
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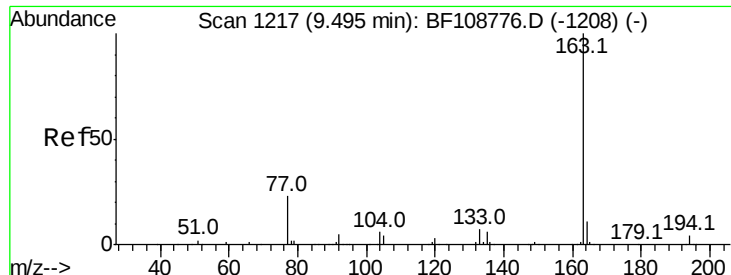
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#44
 2-Fluorobiphenyl
 Concen: 48.462 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108810.D
 Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1423591		
171	36.8	29.7	44.5	
170	24.6	19.6	29.4	





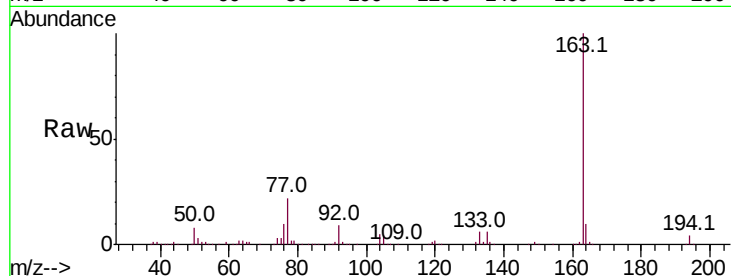
#49
Dimethylphthalate
Concen: 15.798 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-03

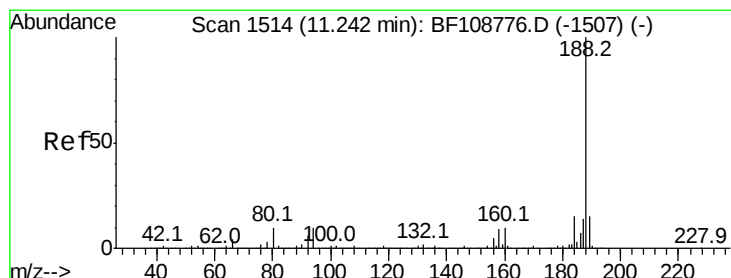
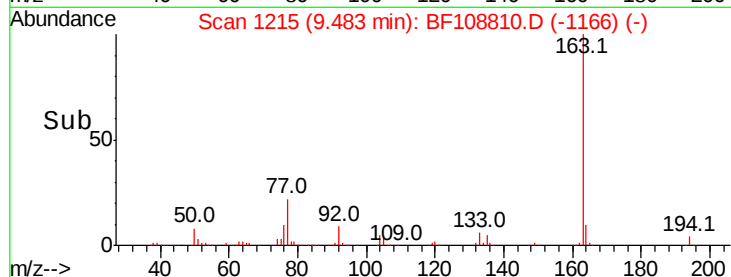
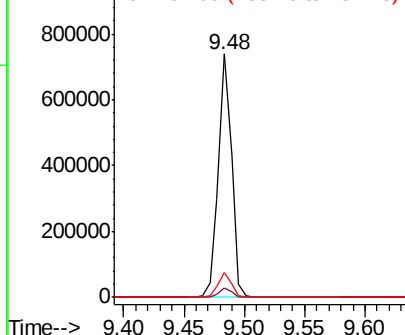
Tot Ion	Ratio	Resp	Lower	Upper
163	100	553735		
194	3.7		2.7	4.1
164	10.0		8.2	12.2

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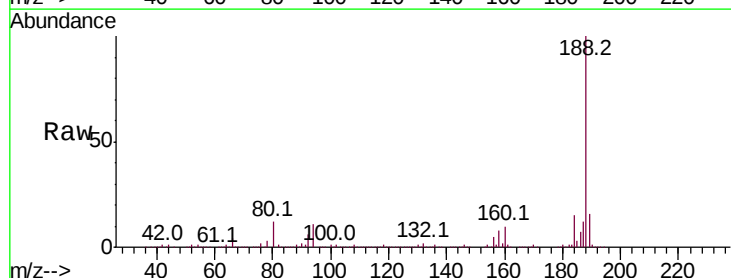


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

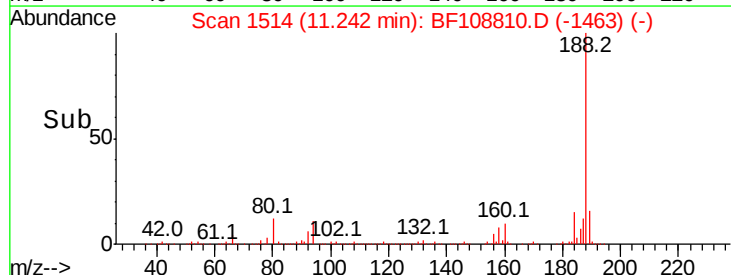
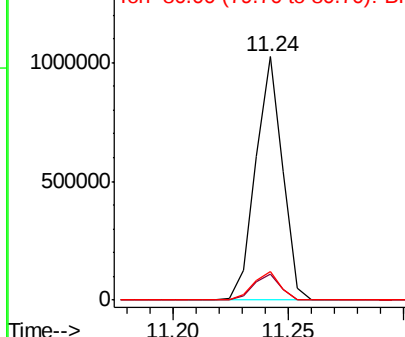


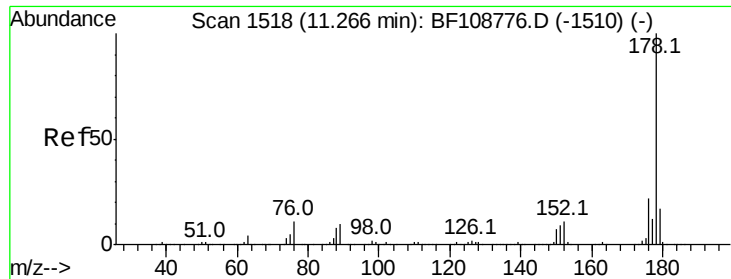
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	834646		
94	10.6		8.5	12.7
80	11.6		9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





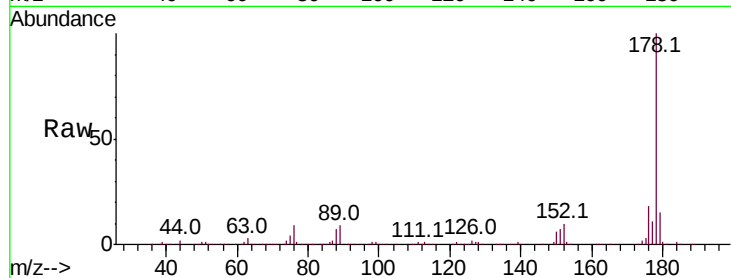
#70
Phenanthrene
Concen: 7.140 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-03

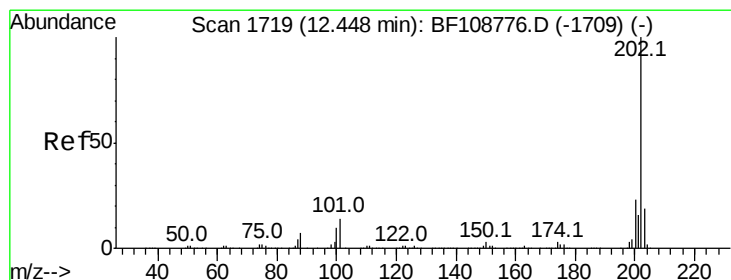
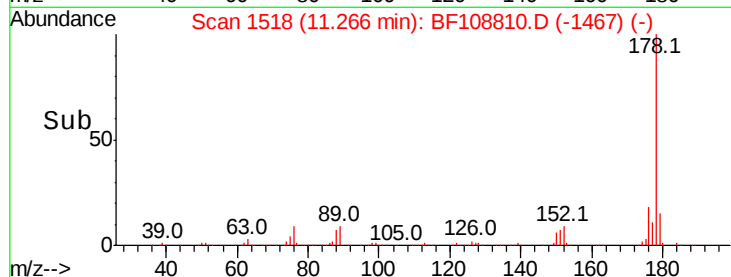
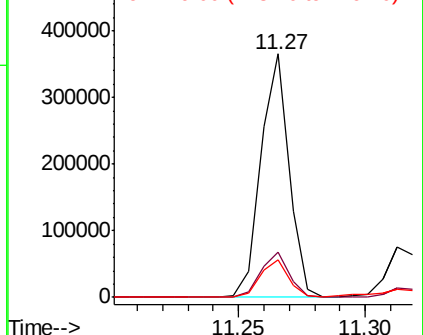
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.5	13.0	19.6

Manual Integrations
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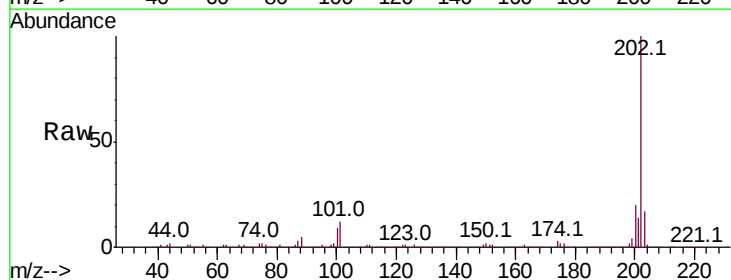


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

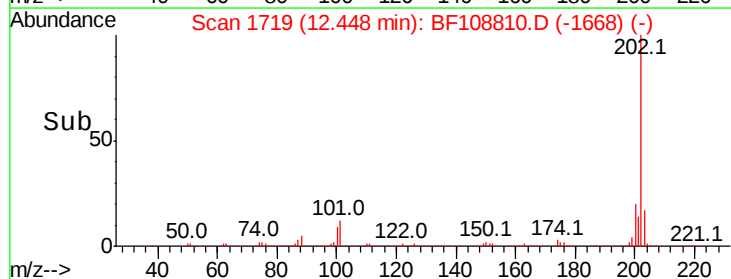
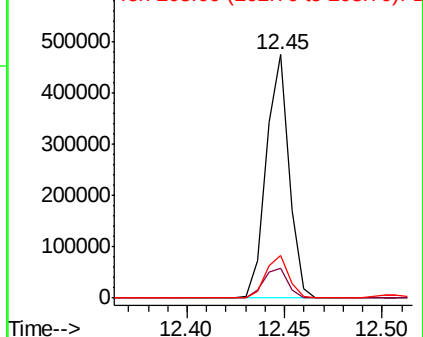


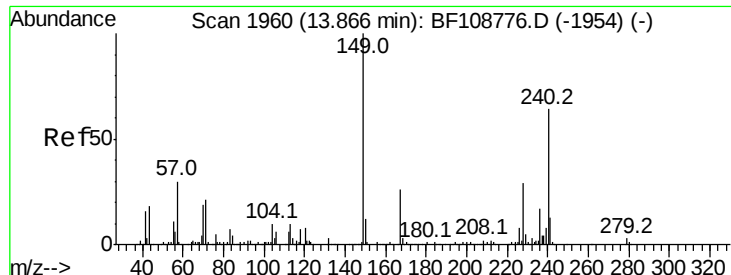
#74
Fluoranthene
Concen: 9.694 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108810.D

Acq: 6 Sep 2018 8:04

Instrument :

BNA_F

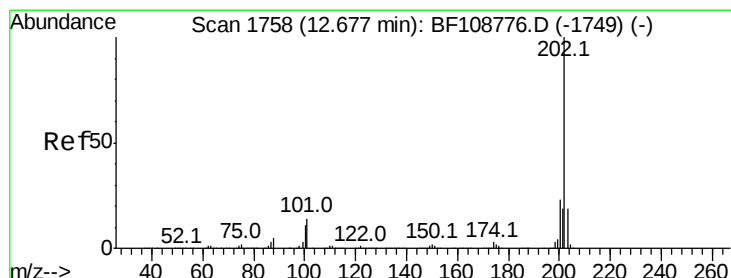
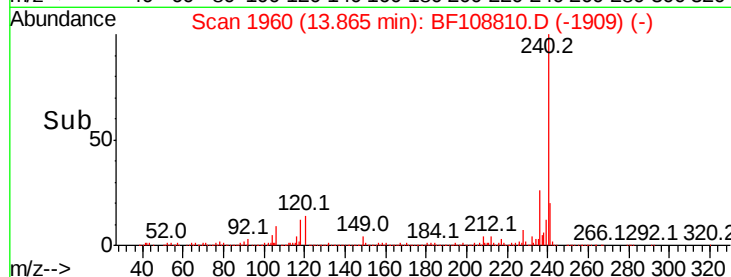
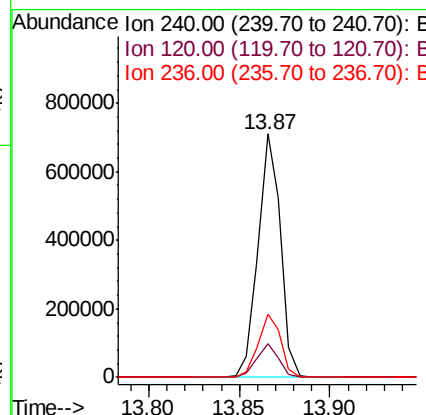
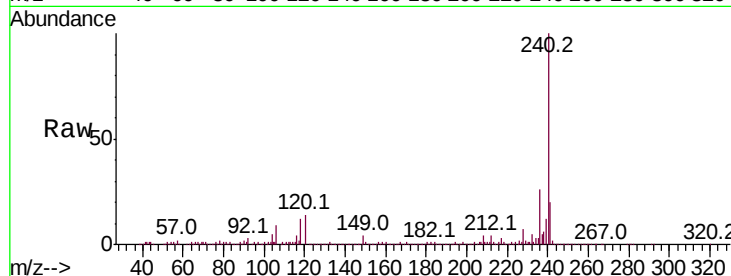
ClientSampleId :

EP1-SUT-UST-03

Tot Ion:	240	Resp:	610817
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 7.274 ng

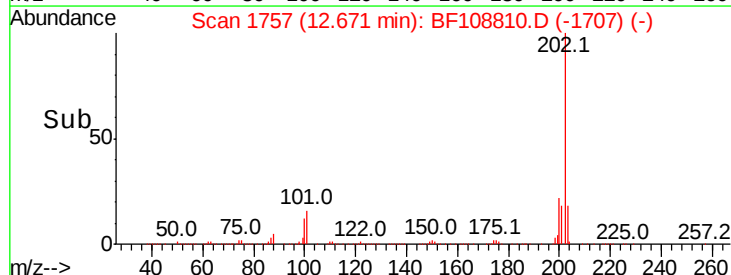
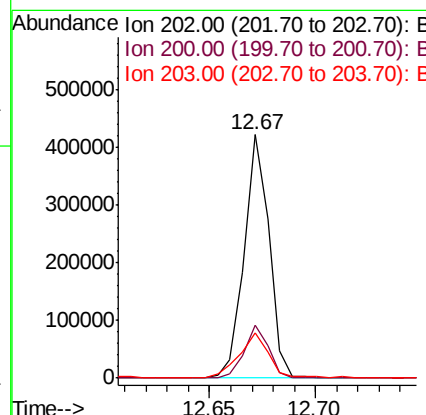
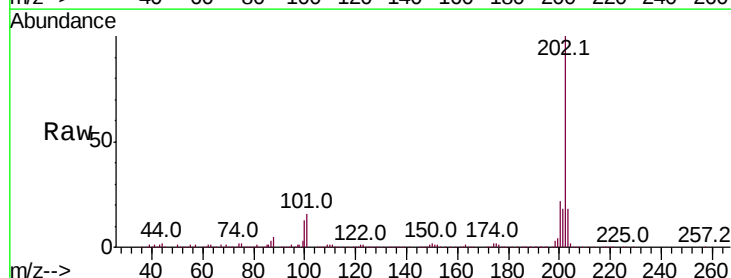
RT: 12.67 min Scan# 1757

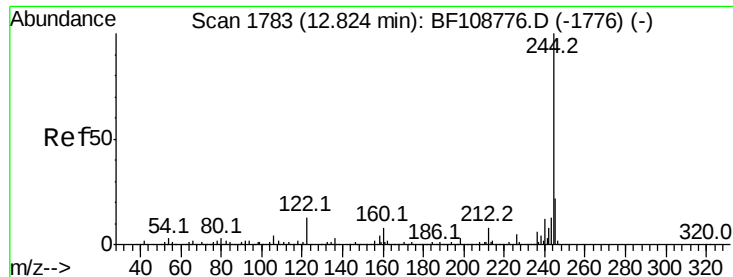
Delta R.T. -0.01 min

Lab File: BF108810.D

Acq: 6 Sep 2018 8:04

Tgt Ion:	202	Resp:	341898
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.4	14.3	21.5





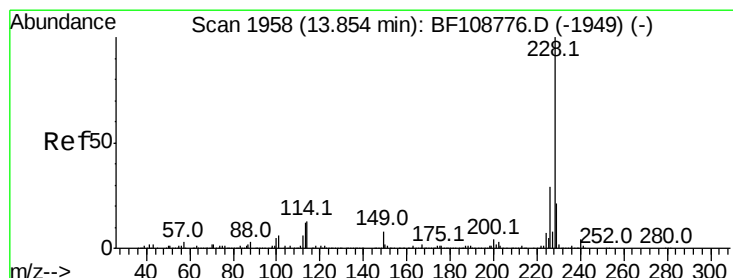
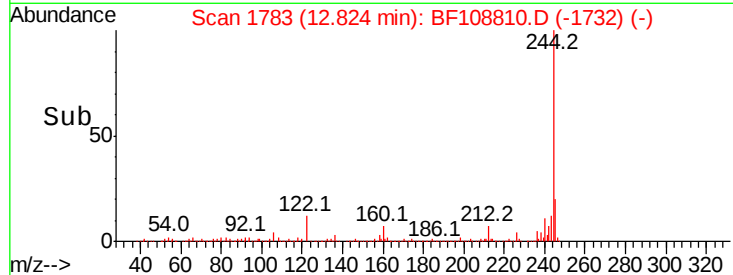
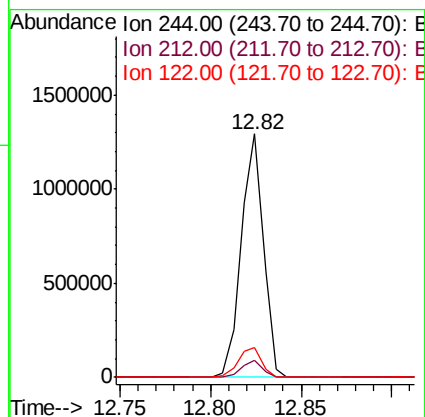
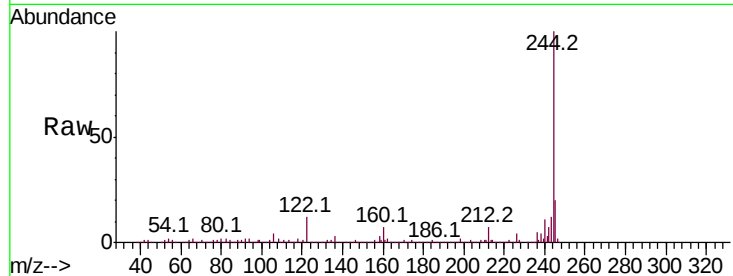
#78
 Terphenyl-d14
 Concen: 41.869 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108810.D
 Acq: 6 Sep 2018 8:04

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-03

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4

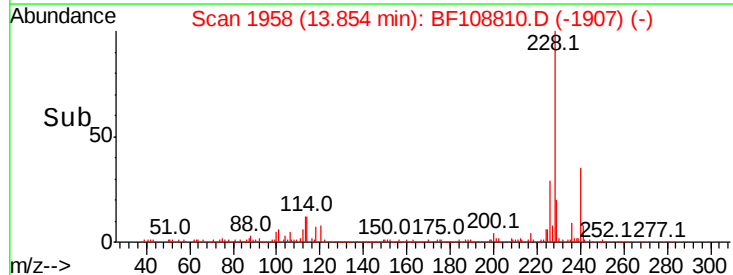
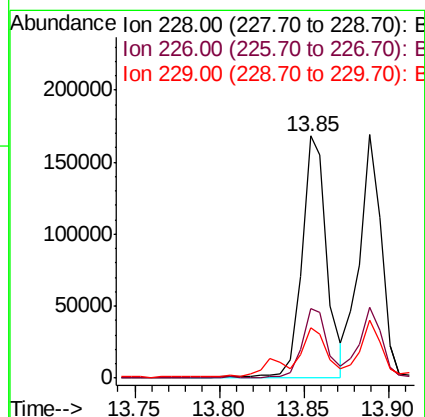
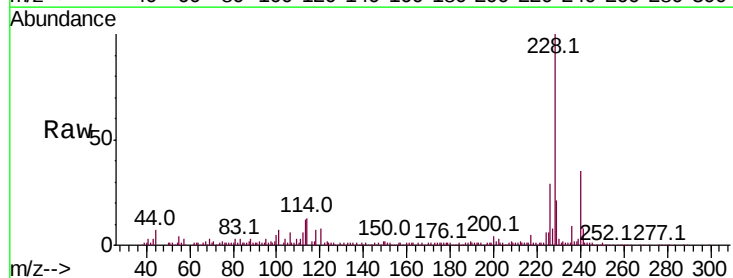
Manual Integrations
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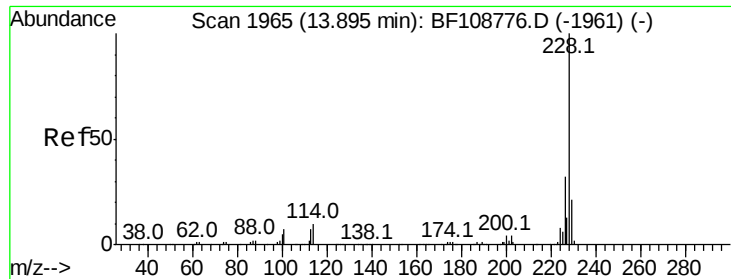
Sohil
 9/6/2018 4:46:12 PM



#80
 Benzo(a)anthracene
 Concen: 4.386 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF108810.D
 Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.7	15.8	23.6





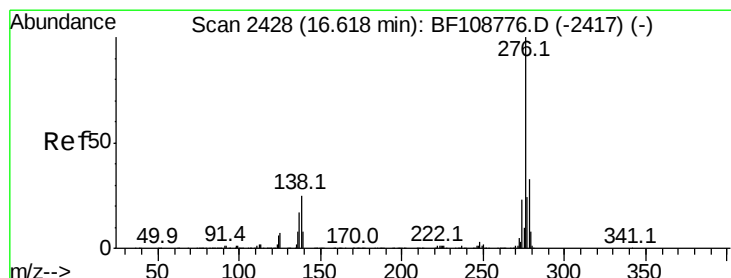
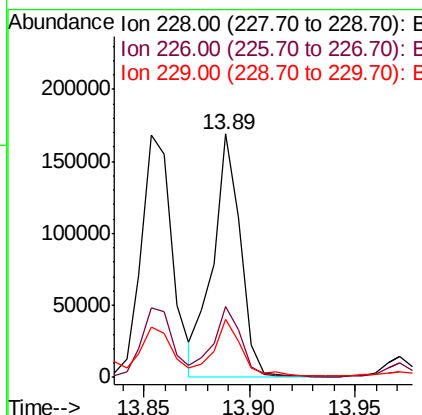
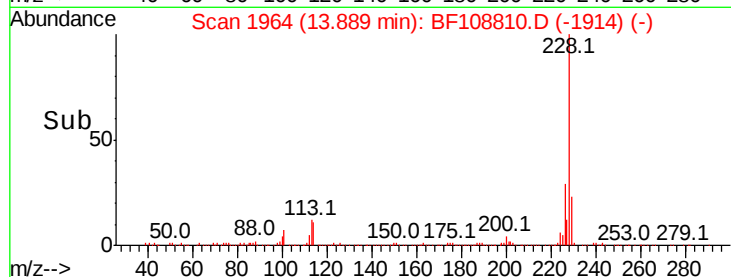
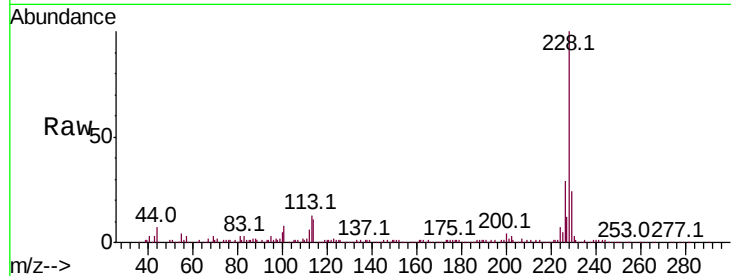
#82
Chrysene
Concen: 4.005 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-03

Tot Ion:	228	Resp:	151799
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.0	37.6
229	23.6	16.2	24.4

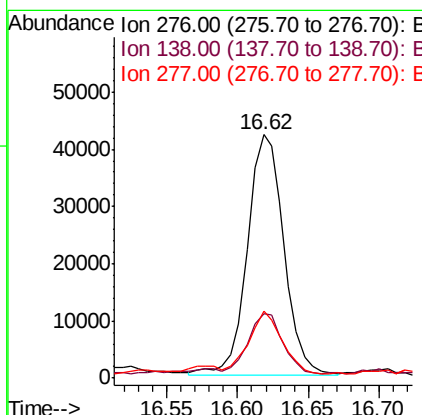
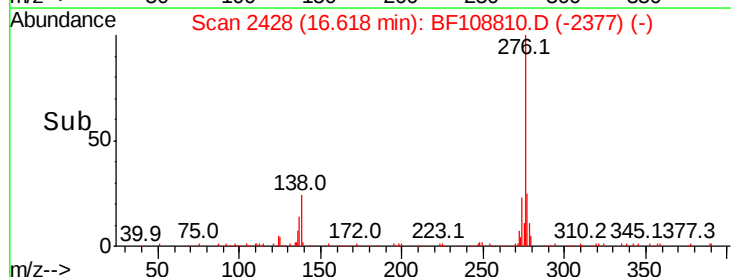
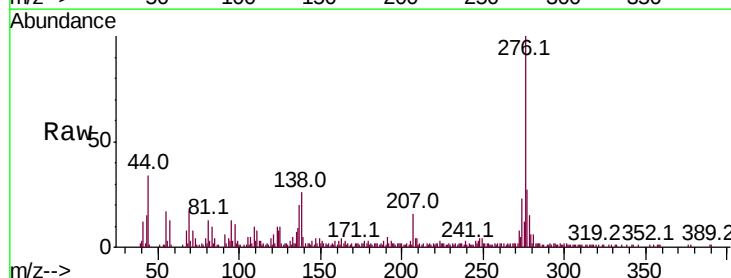
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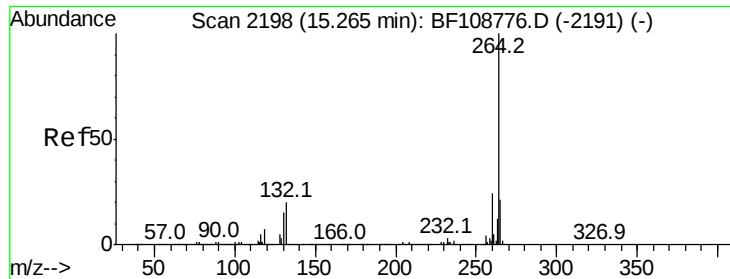
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.274 ng
RT: 16.62 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:	276	Resp:	76283
Ion Ratio	Lower	Upper	
276	100		
138	27.4	25.0	37.6
277	24.0	20.1	30.1





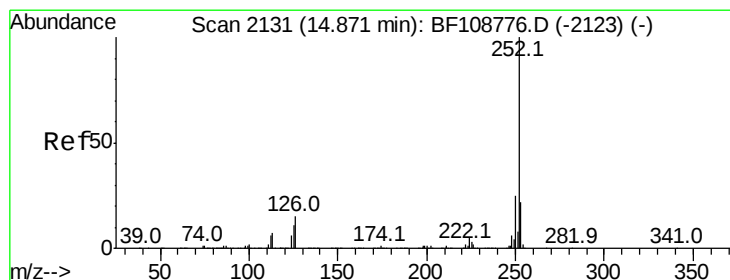
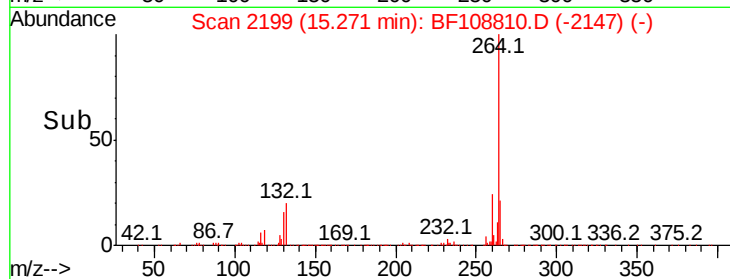
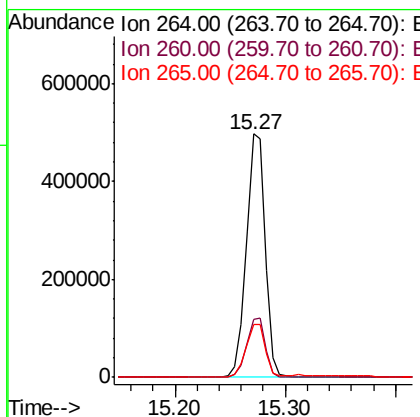
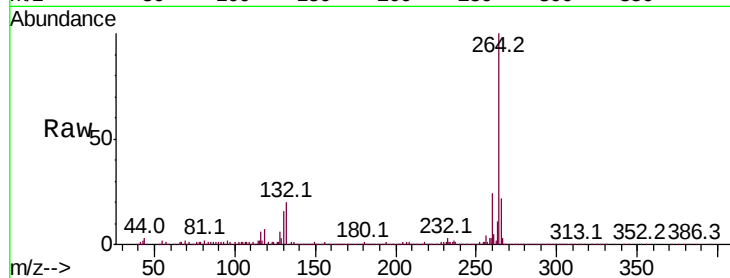
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

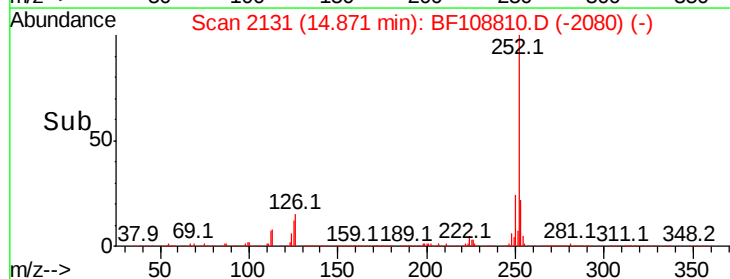
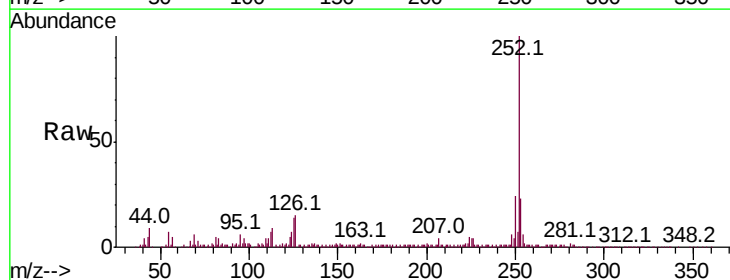
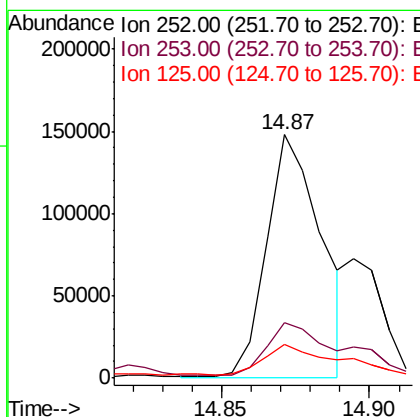
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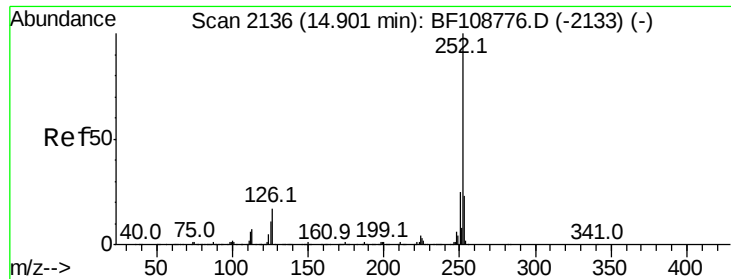
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#87
Benzo(b)fluoranthene
Concen: 5.885 ng m
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.8	9.0	13.6





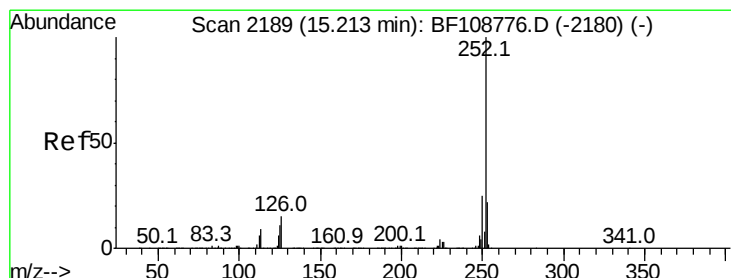
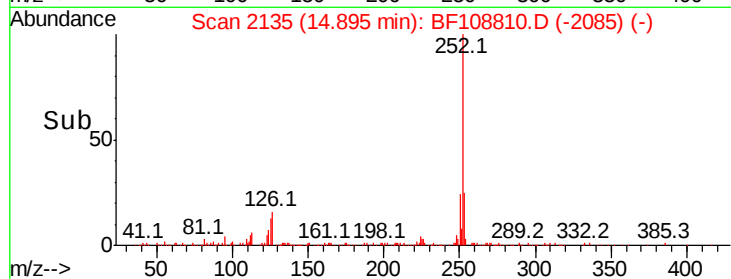
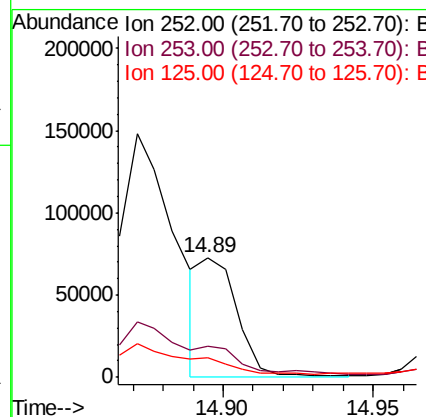
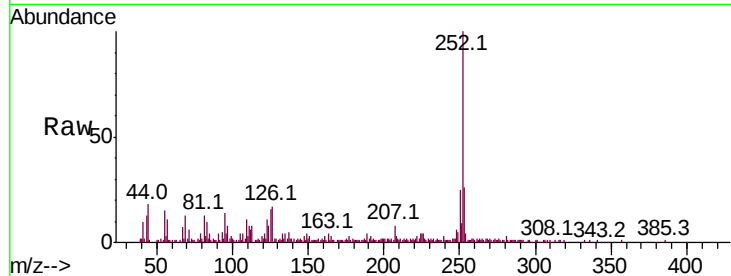
#88
Benzo(k)fluoranthene
Concen: 2.141 ng m
RT: 14.89 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	16.5	10.2	15.2

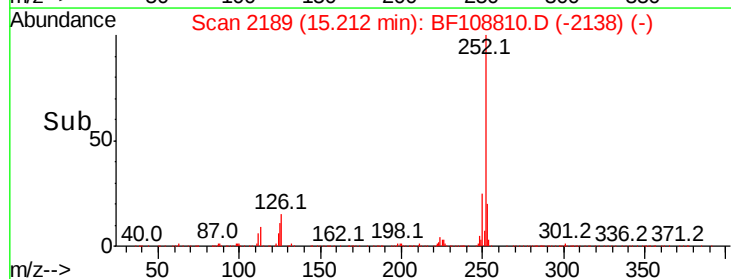
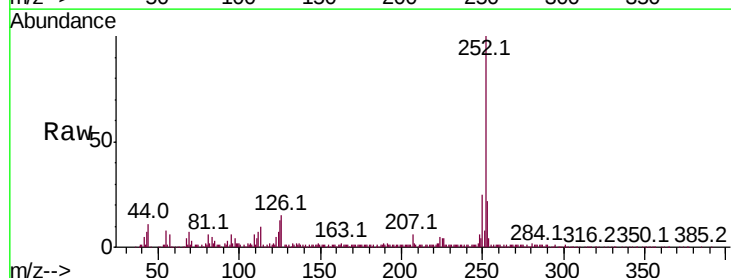
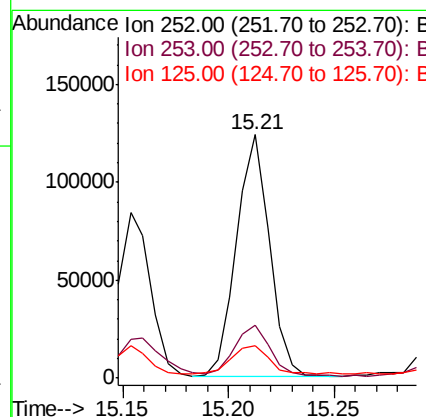
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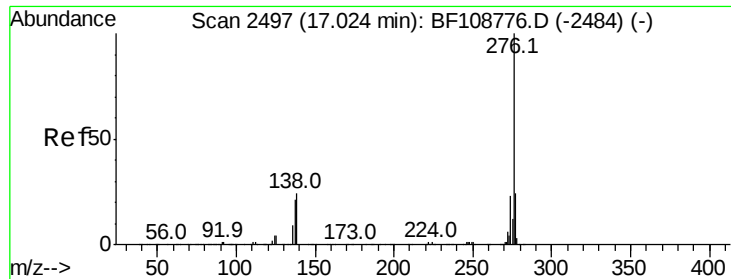
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#89
Benzo(a)pyrene
Concen: 4.515 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.2	9.8	14.6





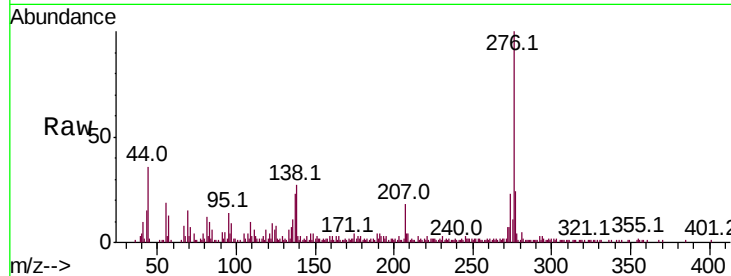
#91
 Benzo(a,h,i)perylene
 Concen: 2.766 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BF108810.D
 Acq: 6 Sep 2018 8:04

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-03

Tot Ion:	276	Resp:	71438
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.9	26.9
138	26.5	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

