

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111427.D
 Acq On : 14 Dec 2018 19:07
 Operator : JU/SJ
 Sample : J6376-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Manual Integrations
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Quant Time: Dec 14 22:21:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	161392	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	636467	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	288577	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	411529	20.00	ng	0.00
76) Chrysene-d12	13.95	240	313674	20.00	ng	0.00
87) Perylene-d12	15.39	264	251317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1097285	113.14	ng	0.00
7) Phenol-d6	6.44	99	1416881	109.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	855519	80.04	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	245651	95.03	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1482071	79.33	ng	0.00
79) Terphenyl-d14	12.90	244	943774	70.65	ng	0.00
Target Compounds						
10) Phenol	6.45	94	93467	6.504	ng	88
50) Dimethylphthalate	9.55	163	138072	6.644	ng	99
75) Fluoranthene	12.52	202	194477	9.375	ng	96
78) Pyrene	12.75	202	339372	15.346	ng	95
81) Benzo(a)anthracene	13.94	228	153002m	8.971	ng	
83) Chrysene	13.97	228	157174	8.748	ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	34050	2.626	ng	# 88
88) Benzo(b)fluoranthene	14.97	252	113999m	7.780	ng	
89) Benzo(k)fluoranthene	15.00	252	35529m	2.538	ng	
90) Benzo(a)pyrene	15.33	252	92164	6.975	ng	99
92) Benzo(g,h,i)perylene	17.22	276	38274	3.741	ng	93

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

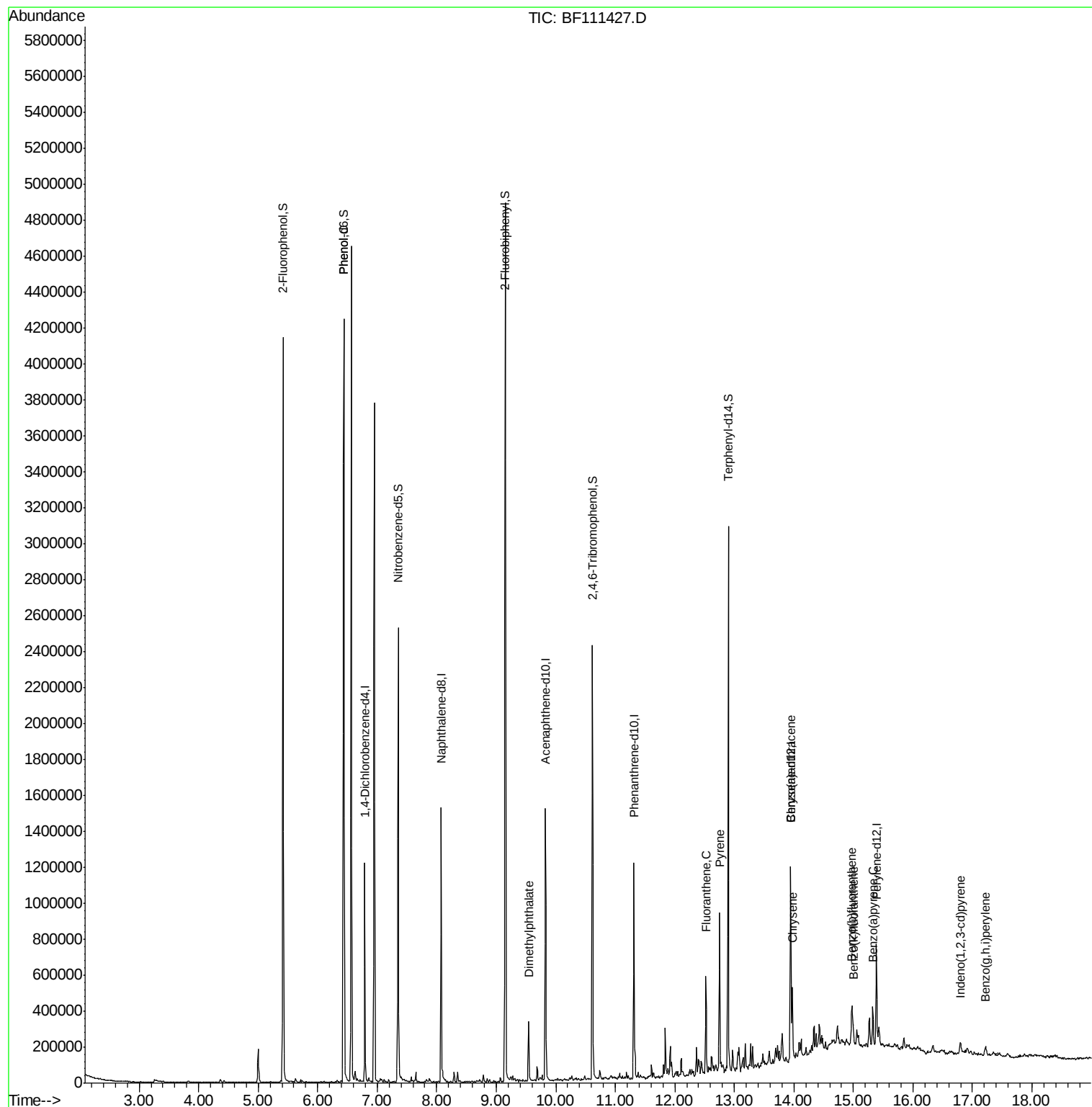
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111427.D
Acq On : 14 Dec 2018 19:07
Operator : JU/SJ
Sample : J6376-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

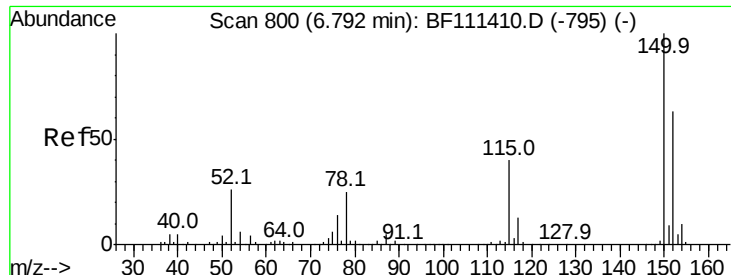
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Quant Time: Dec 14 22:21:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
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#1

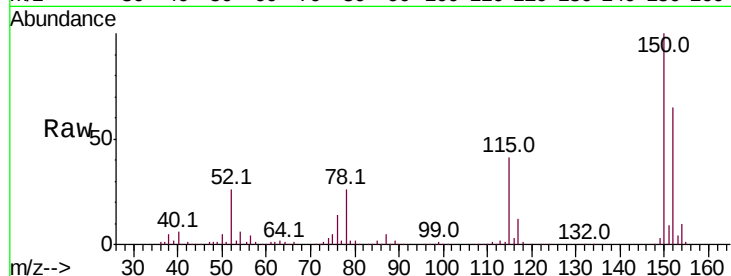
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	62.4	50.7	76.1

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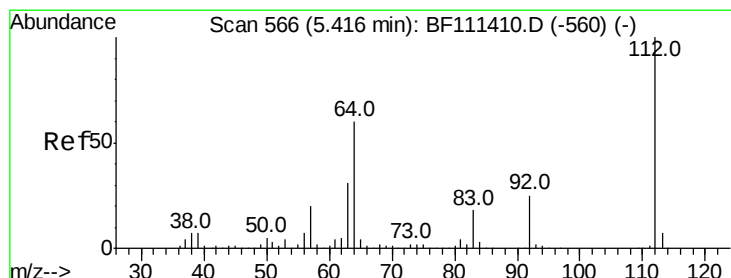
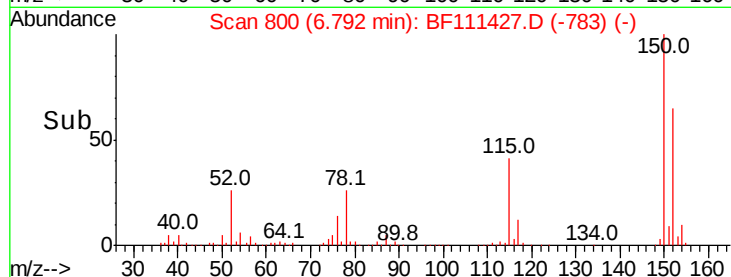
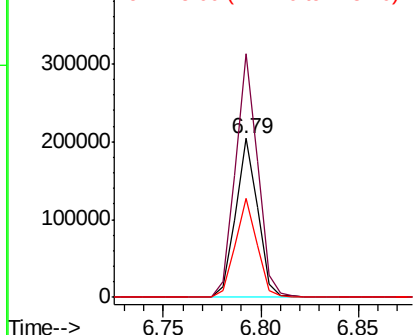


Abundance

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: 113.137 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

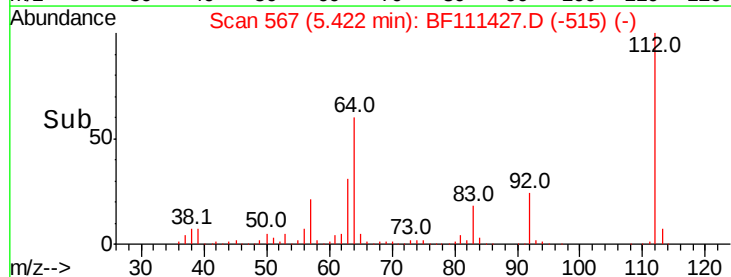
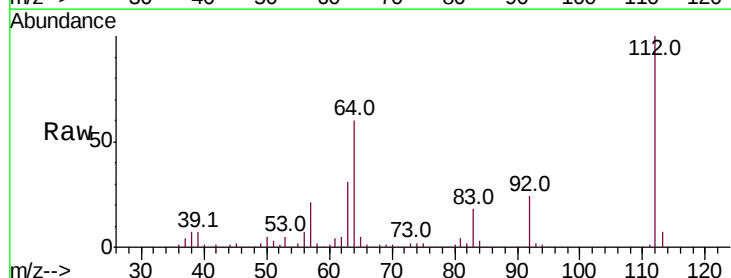
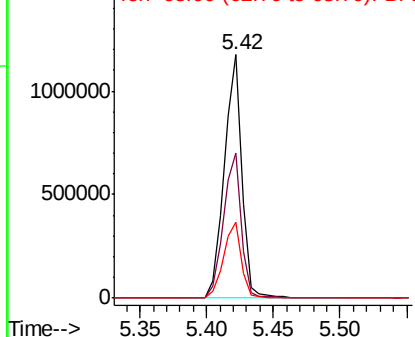
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.8	77.6
63	31.4	26.8	40.2

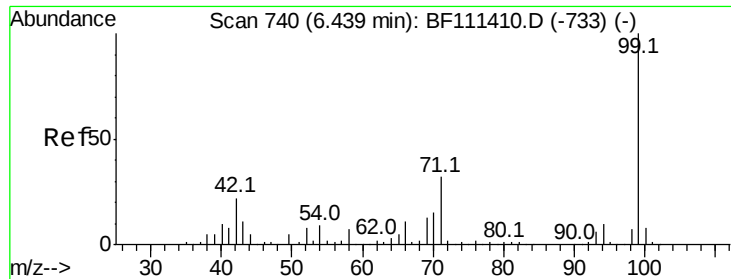
Abundance

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: 109.828 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111427.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

Tot Ion: 99 Resp: 1416881

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

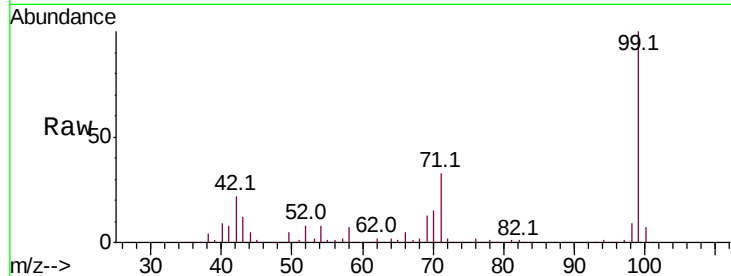
71 33.0 26.1 39.1

Manual Integrations

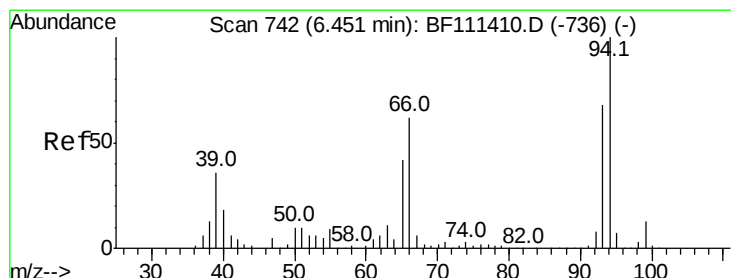
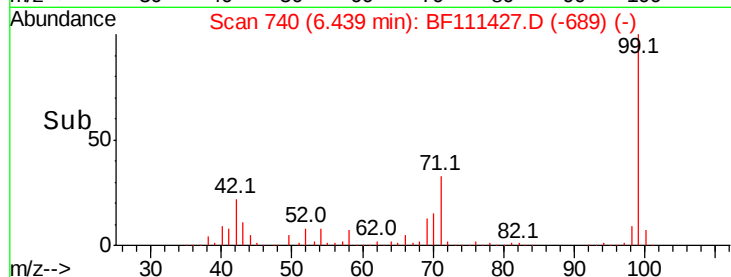
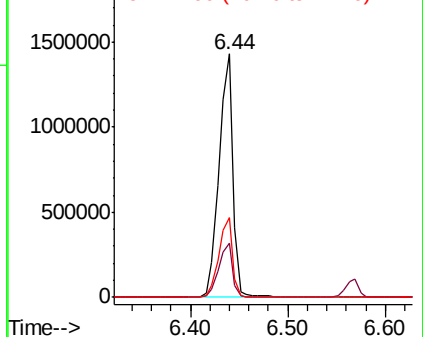
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.504 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111427.D

Acq: 14 Dec 2018 19:07

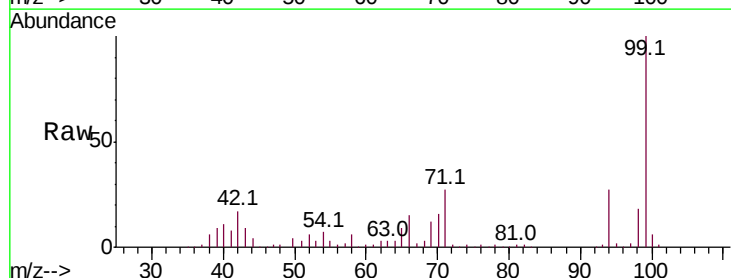
Tgt Ion: 94 Resp: 93467

Ion Ratio Lower Upper

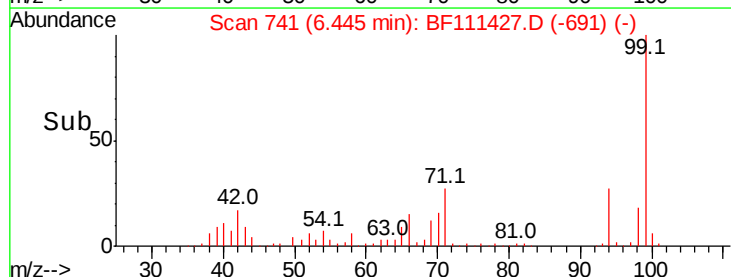
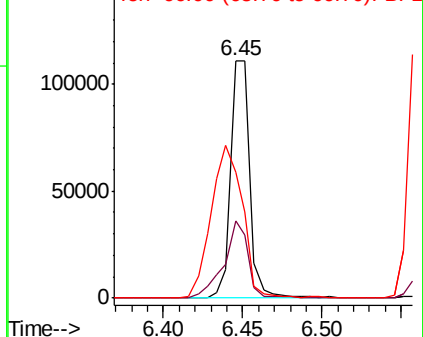
94 100

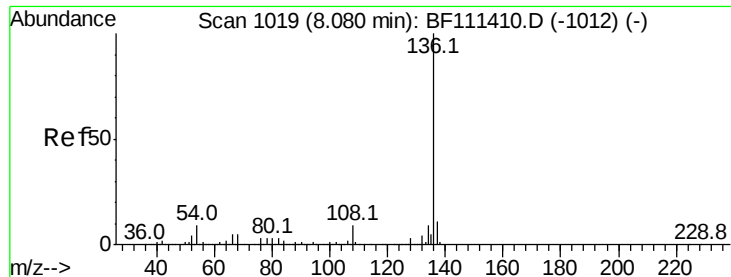
65 32.7 11.7 51.7

66 53.1 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





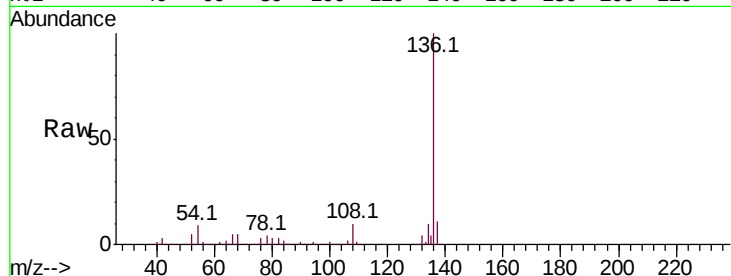
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

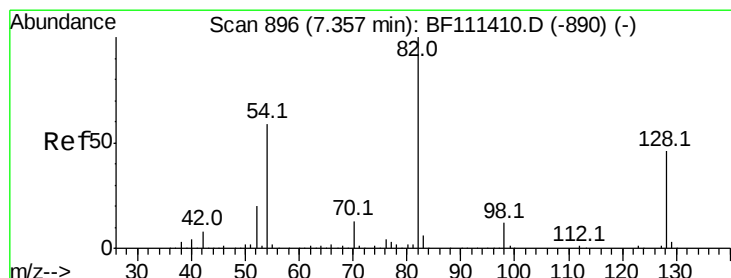
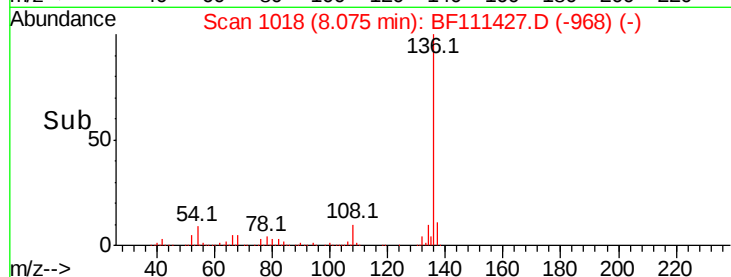
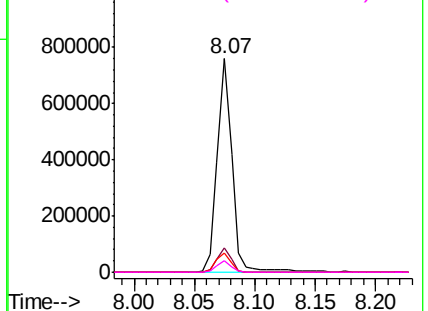
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.1	13.7	
54	9.3	7.7	11.5	
68	5.4	4.9	7.3	

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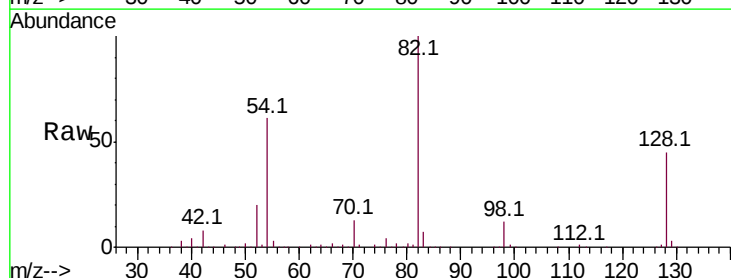


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

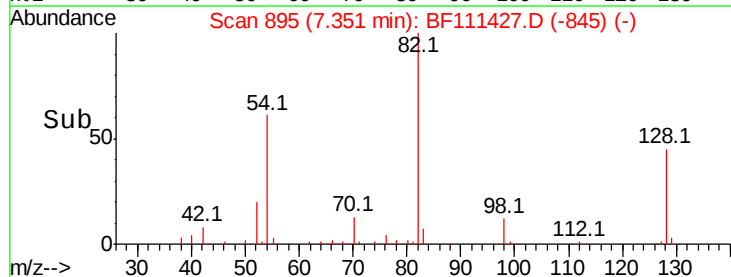
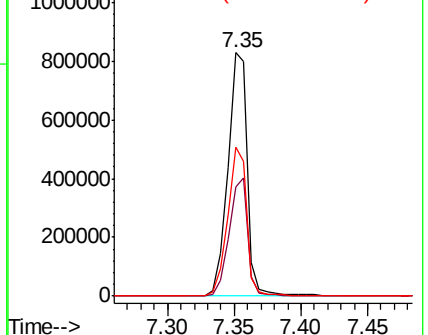


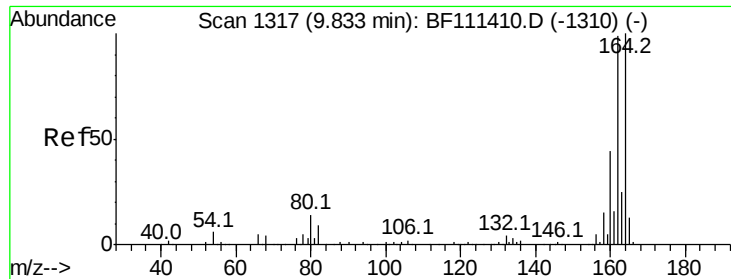
#23
Nitrobenzene-d5
Concen: 80.043 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	37.4	56.2	
54	60.9	47.6	71.4	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





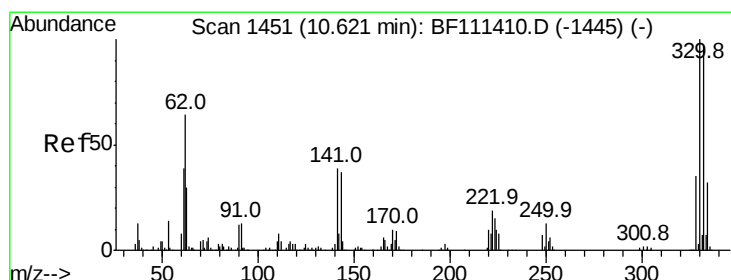
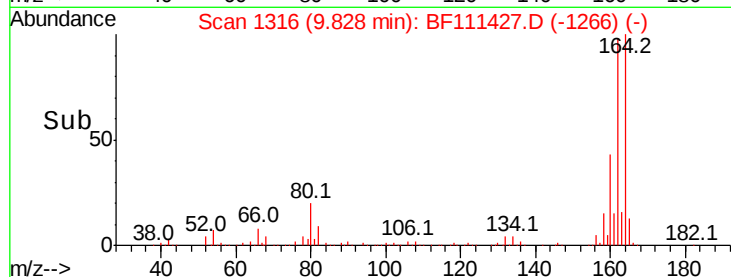
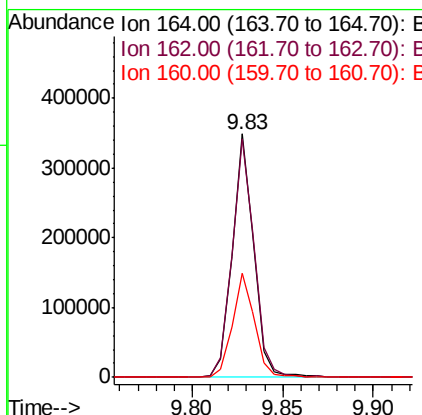
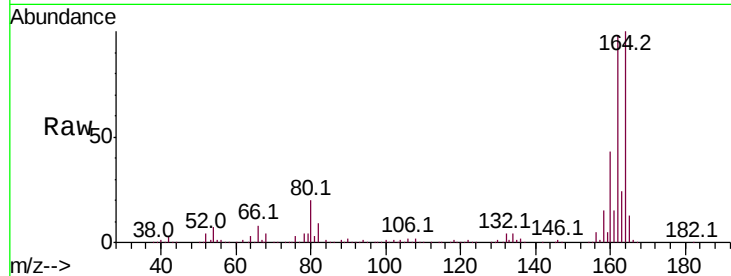
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111427.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100	288577		
162	97.9	81.4	122.0	
160	42.9	35.7	53.5	

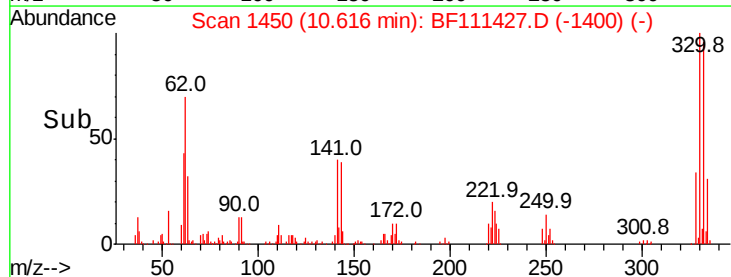
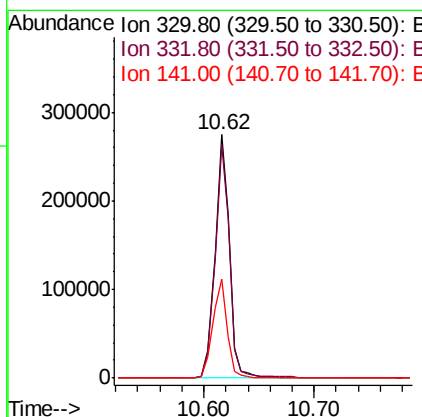
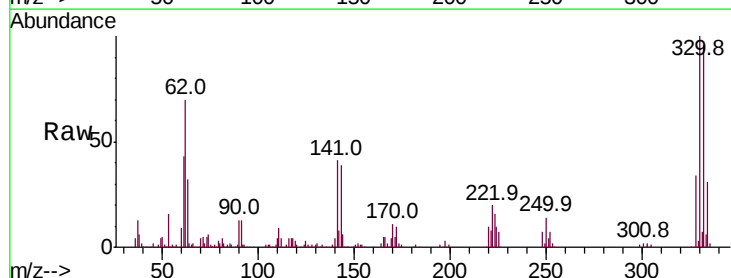
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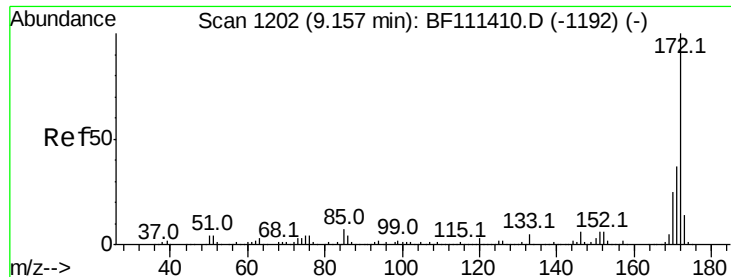
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#42
 2,4,6-Tribromophenol
 Concen: 95.028 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111427.D
 Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245651		
332	97.0	76.0	114.0	
141	40.6	31.0	46.6	





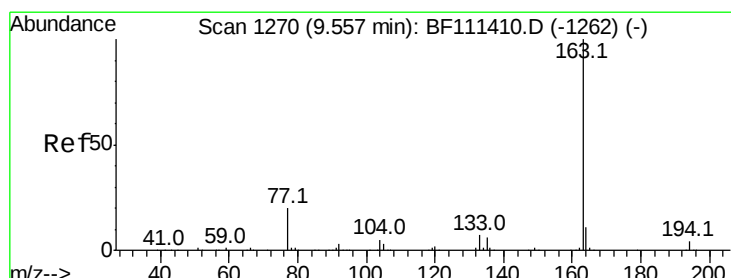
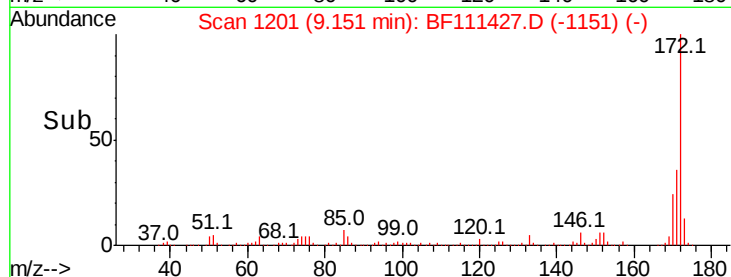
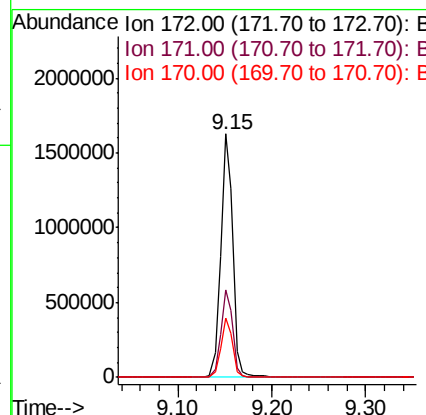
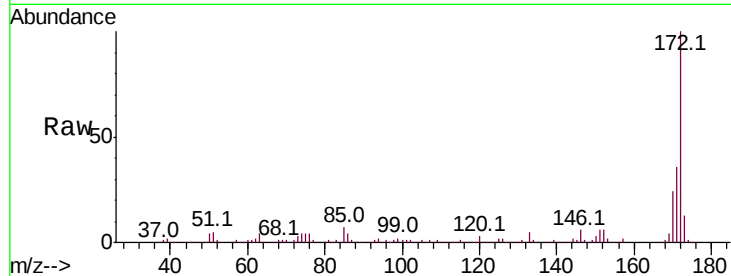
#45
2-Fluorobiphenyl
Concen: 79.329 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.4	22.3	33.5

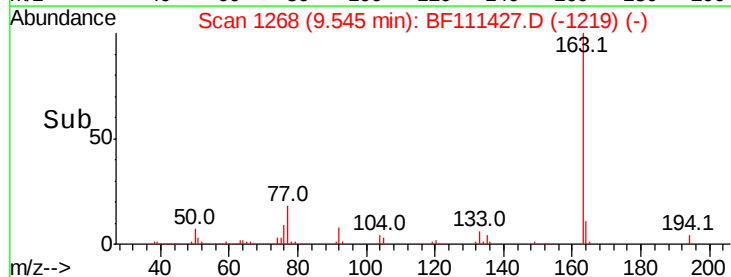
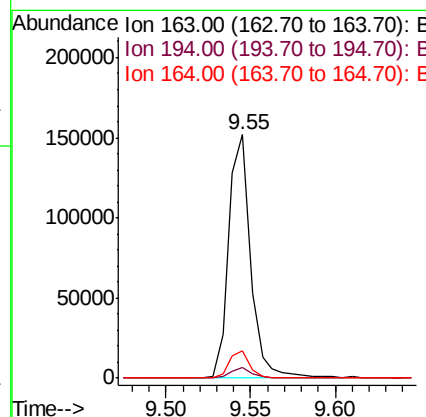
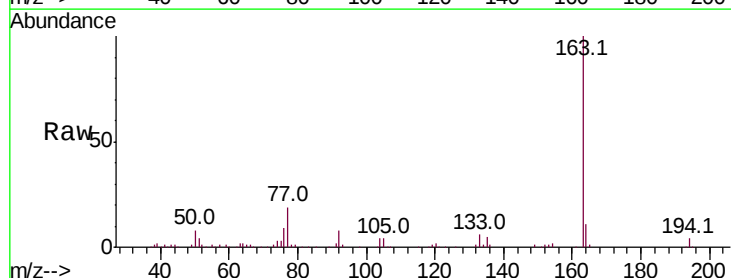
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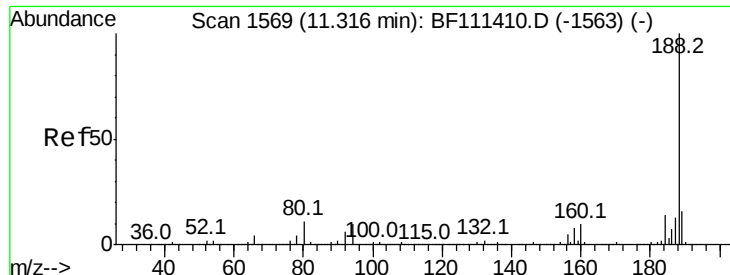
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#50
Dimethylphthalate
Concen: 6.644 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.0	8.9	13.3





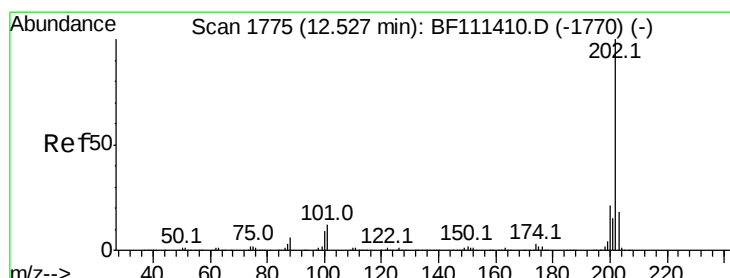
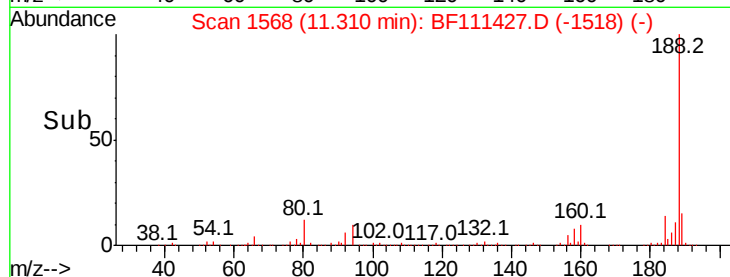
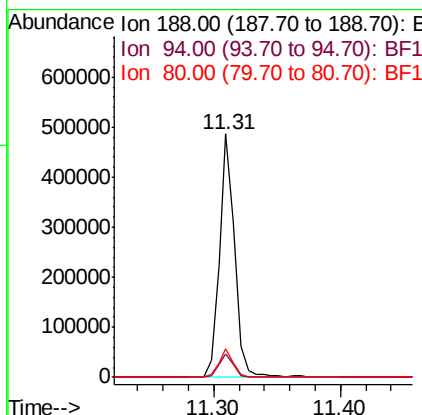
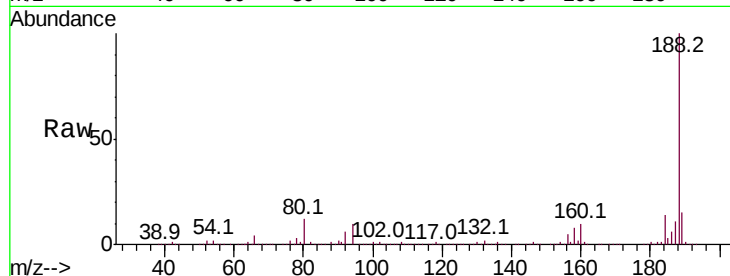
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.9	9.6	14.4	
80	11.9	9.8	14.6	

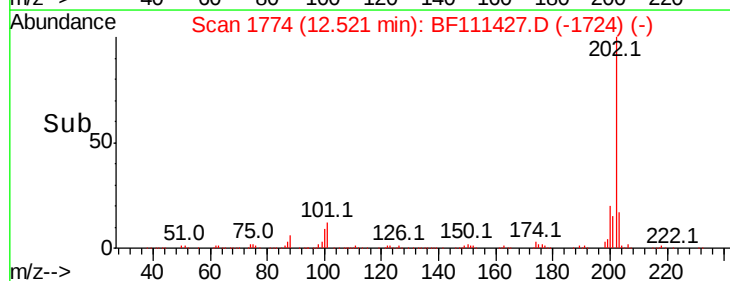
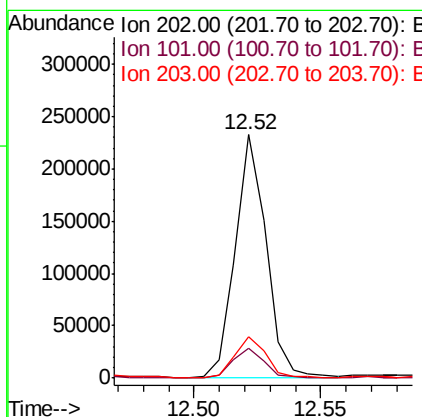
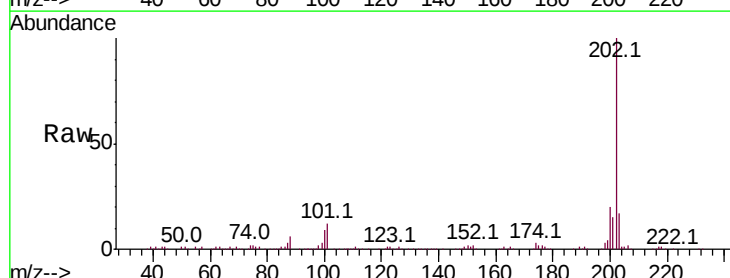
Manual Integrations
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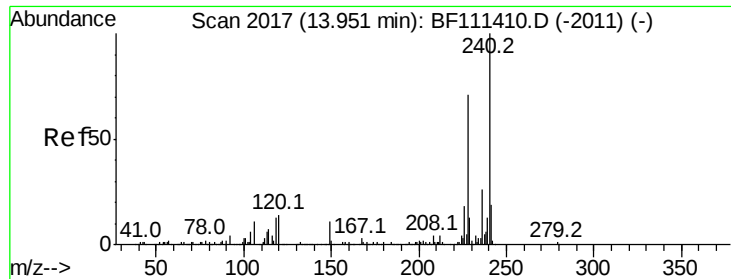
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#75
Fluoranthene
Concen: 9.375 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.2	0.0	33.8	
203	16.8	0.0	38.6	





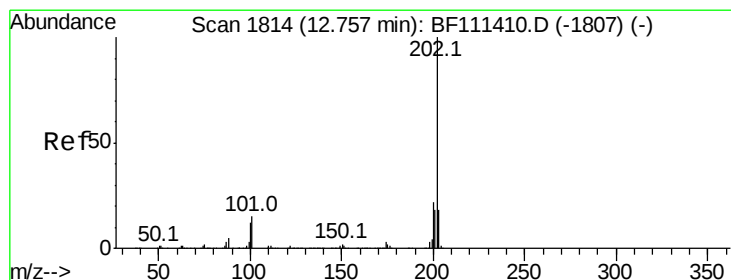
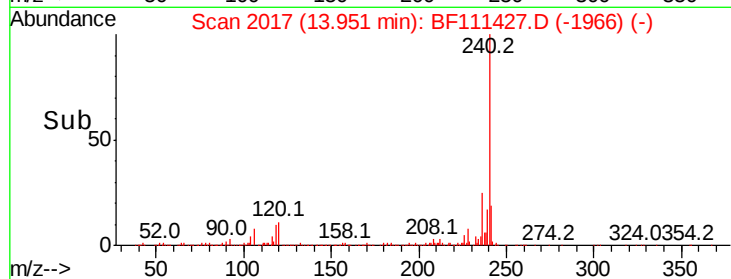
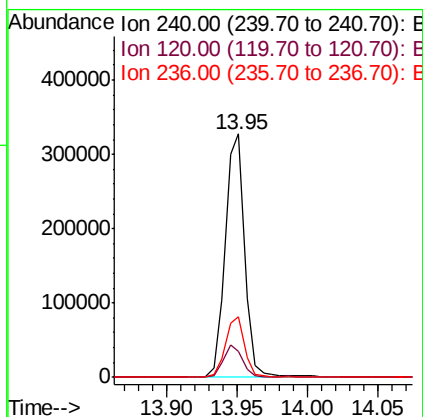
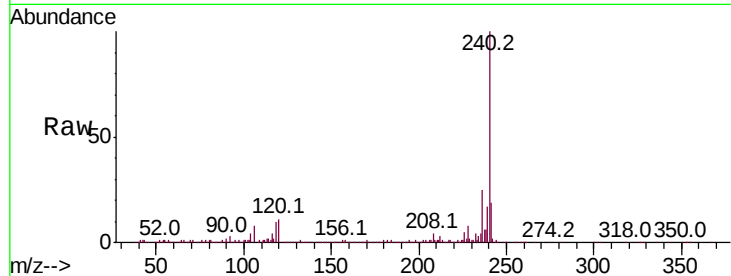
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.2	18.2#
236	25.0	20.2	30.2

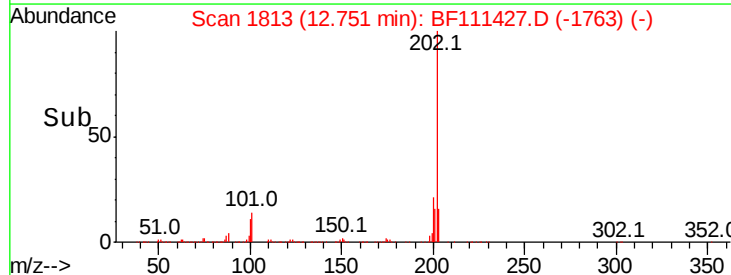
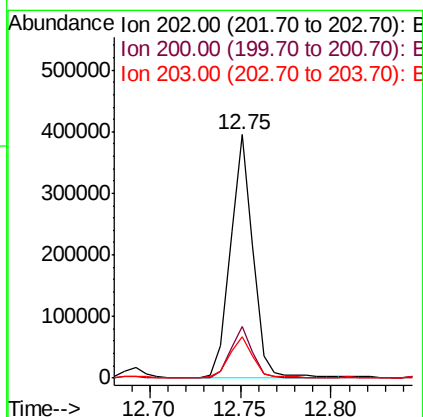
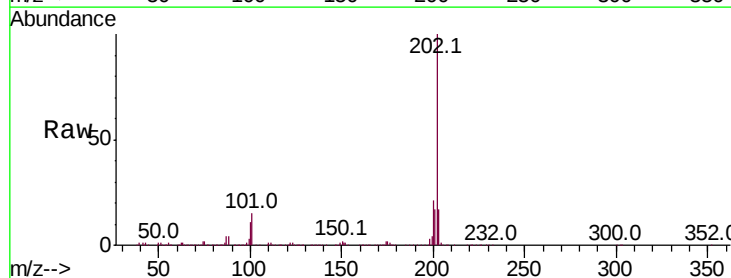
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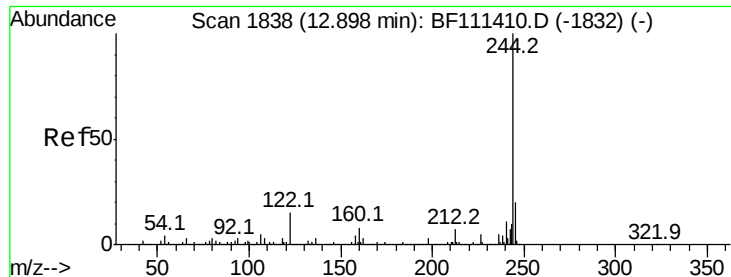
Sohil
12/17/2018 2:36:39 PM



#78
Pyrene
Concen: 15.346 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.0	28.4
203	16.9	15.2	22.8





#79

Terphenyl-d14

Concen: 70.653 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111427.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_F

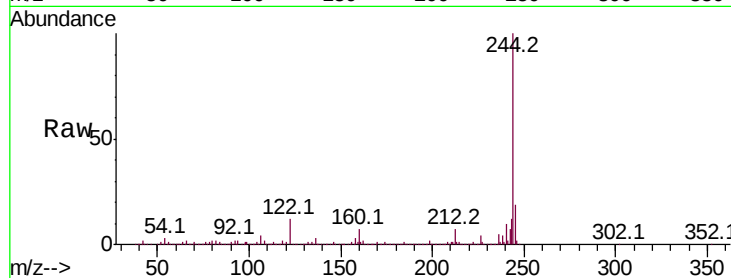
ClientSampleId :

TEST-PIT-2

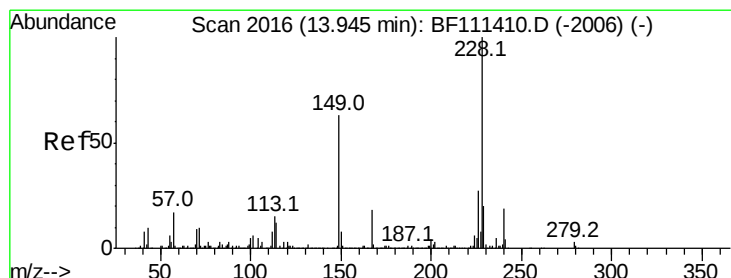
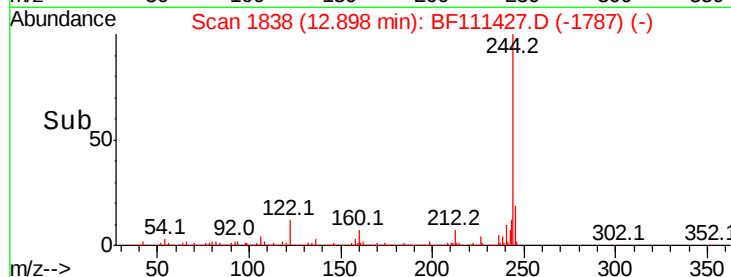
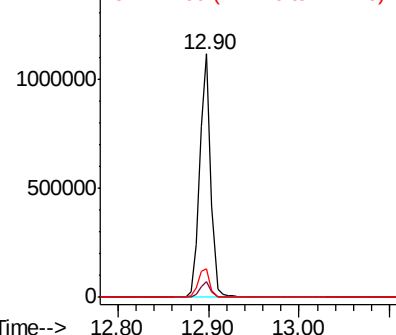
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.8	13.1	19.7

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 8.971 ng m

RT: 13.94 min Scan# 2015

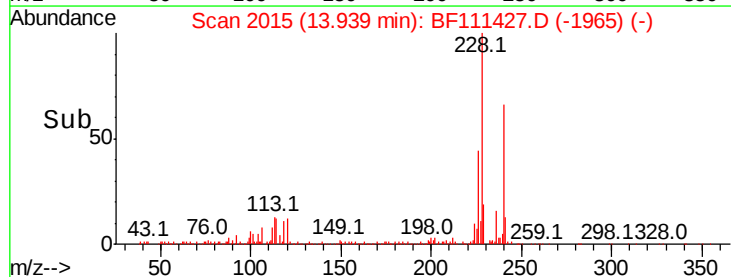
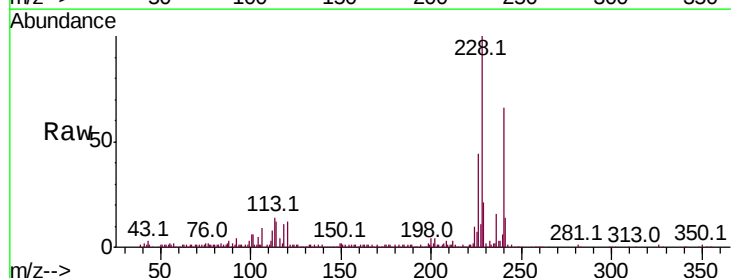
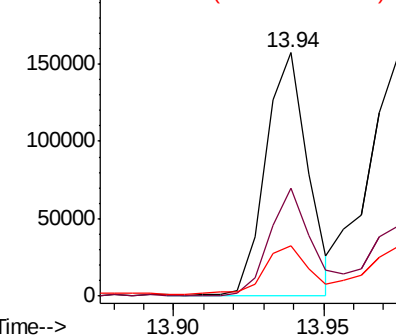
Delta R.T. -0.01 min

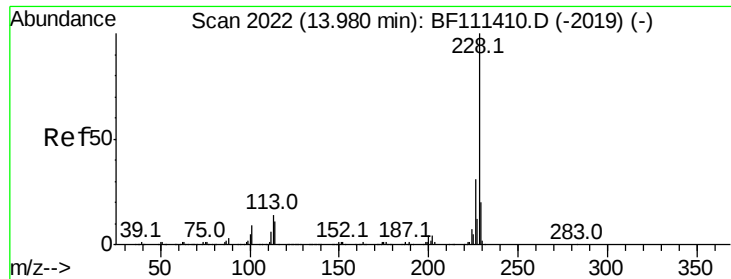
Lab File: BF111427.D

Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.2	22.6	34.0
229	20.8	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





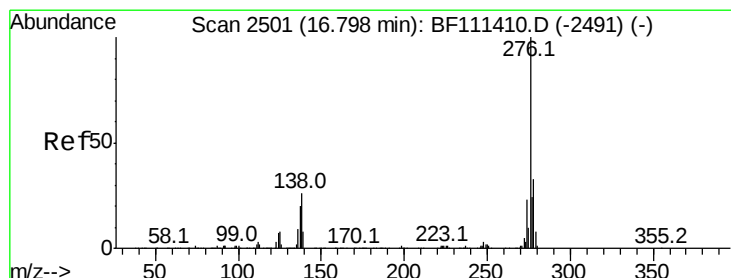
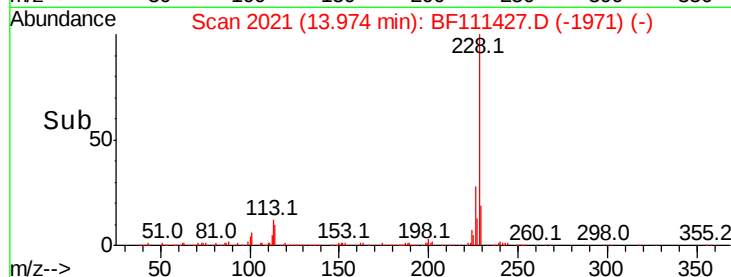
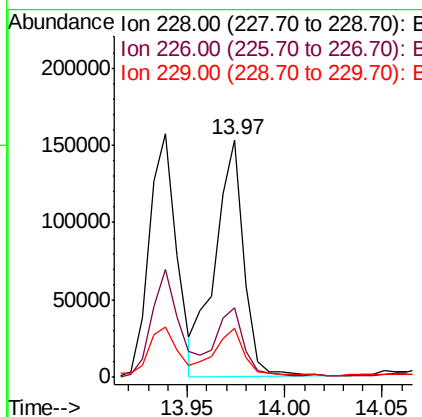
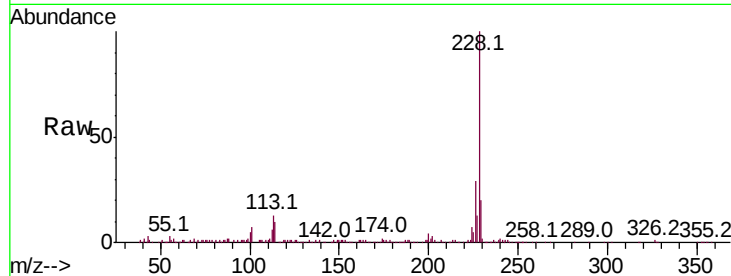
#83
Chrysene
Concen: 8.748 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.3	37.9
229	20.5	17.2	25.8

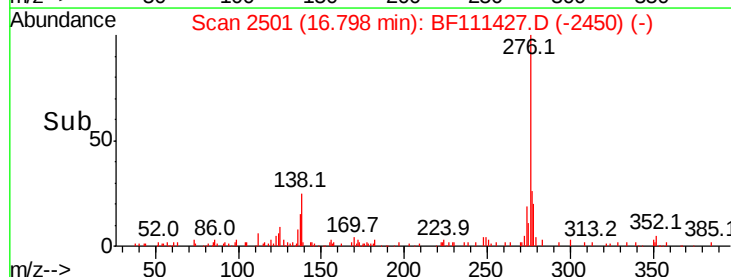
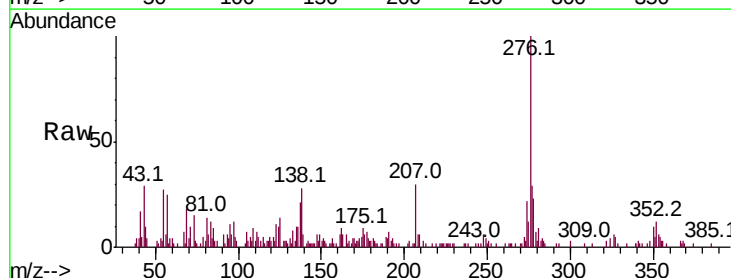
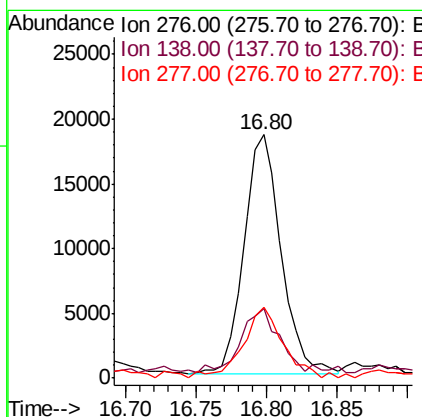
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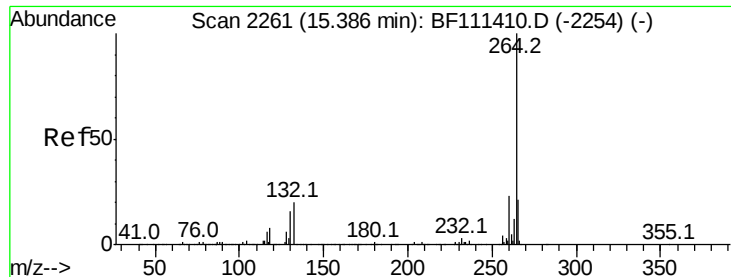
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.626 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	32.2	20.1	30.1#





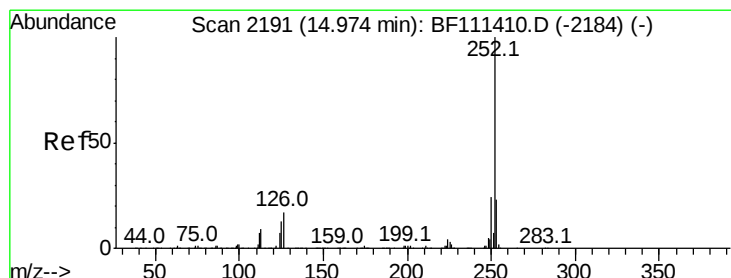
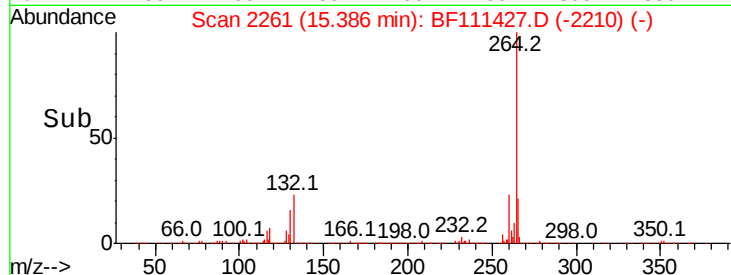
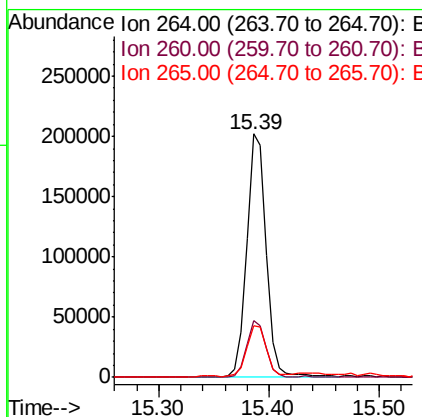
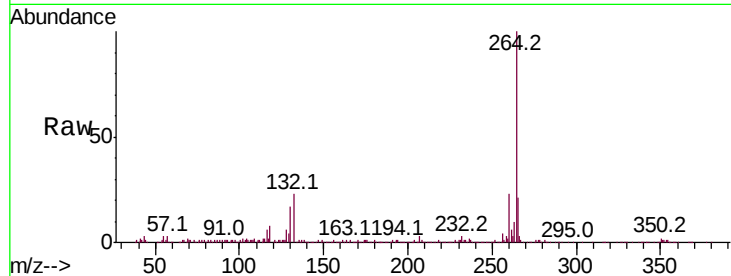
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.0	17.7	26.5

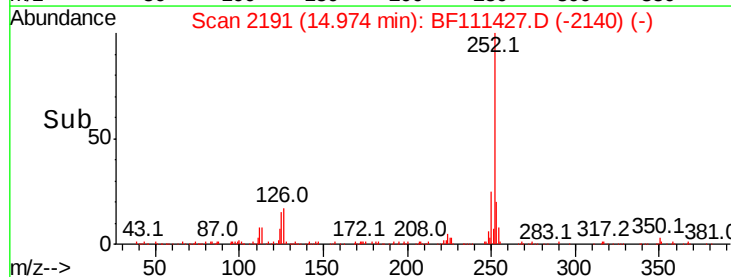
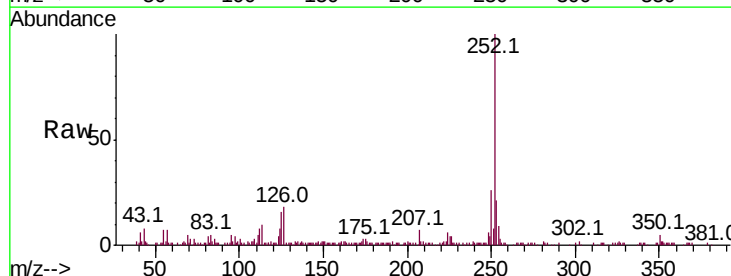
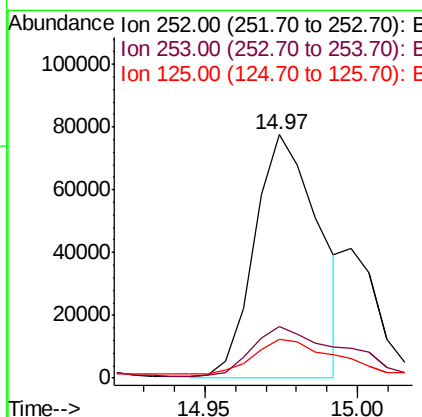
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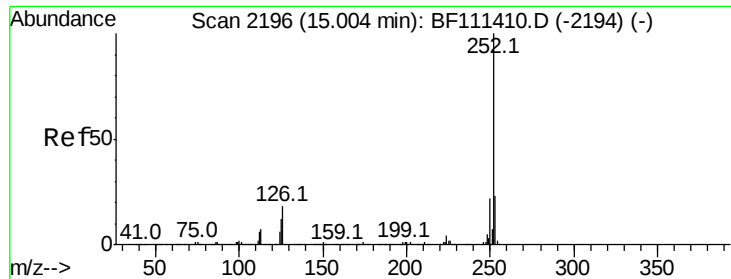
Sohil
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#88
Benzo(b)fluoranthene
Concen: 7.780 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	16.2	10.4	15.6





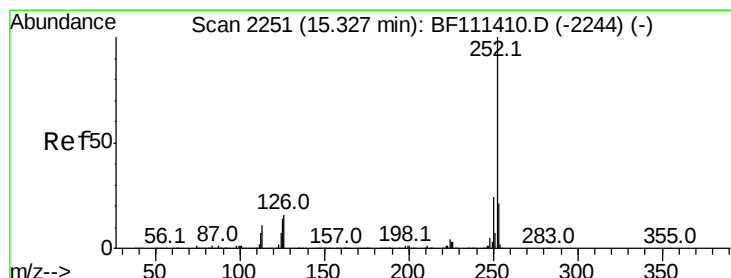
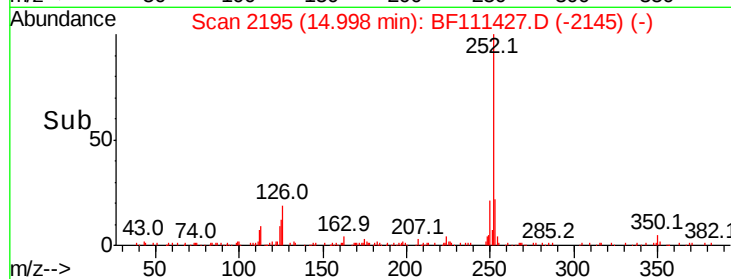
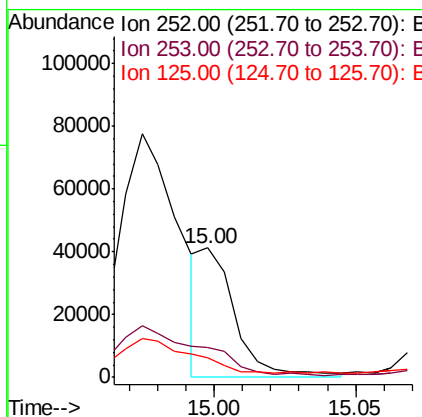
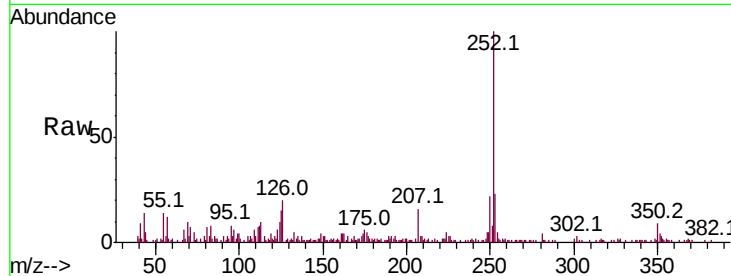
#89
Benzo(k)fluoranthene
Concen: 2.538 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	15.0	9.8	14.8

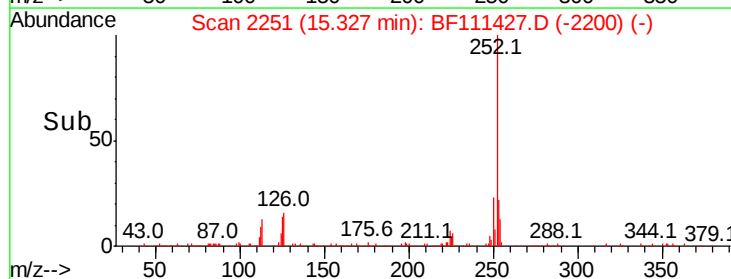
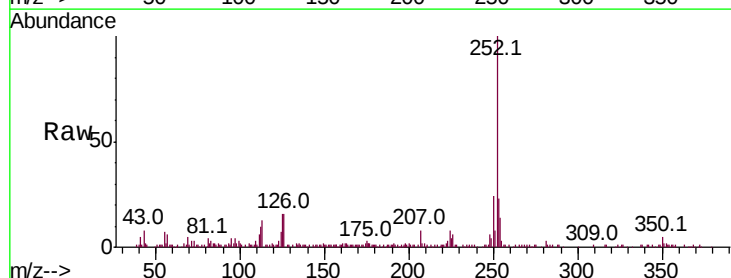
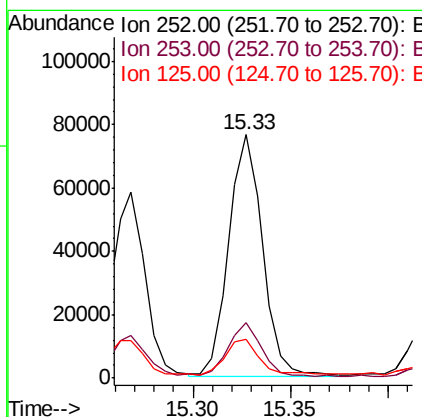
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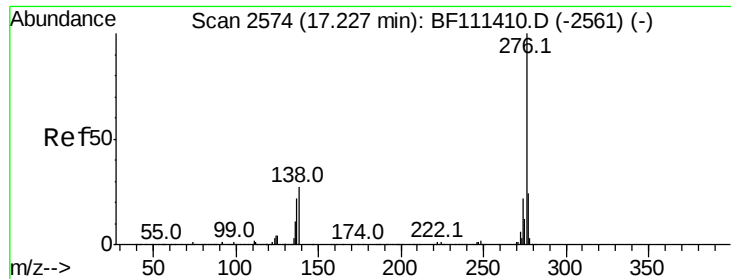
Sohil
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#90
Benzo(a)pyrene
Concen: 6.975 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	15.9	12.3	18.5





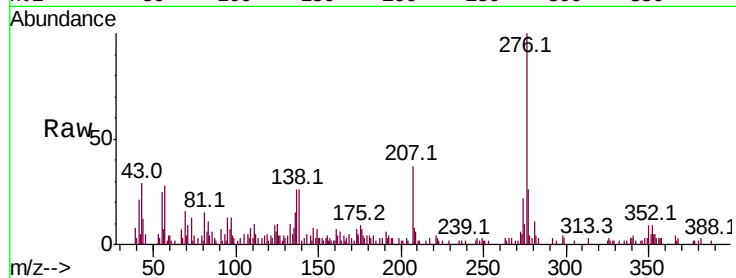
#92
 Benzo(a,h,i)perylene
 Concen: 3.741 ng
 RT: 17.22 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BF111427.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Tot Ion:	276	Resp:	38274
Ion Ratio	Lower	Upper	
276	100		
277	26.1	19.2	28.8
138	26.4	24.9	37.3

Manual Integrations
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 12/17/2018 2:36:39 PM



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

