

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111565.D
 Acq On : 18 Dec 2018 3:21
 Operator : JU/SJ
 Sample : J6403-57
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-A

Manual Integrations
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Sohil
 12/18/2018 12:50:00 PM

Quant Time: Dec 18 07:21:38 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	114619	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	452103	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	200129	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	298558	20.00	ng	0.00
76) Chrysene-d12	13.94	240	229076	20.00	ng	0.00
87) Perylene-d12	15.38	264	181736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	569493	82.68	ng	0.00
7) Phenol-d6	6.43	99	728320	79.49	ng	0.00
23) Nitrobenzene-d5	7.35	82	442848	58.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	123522	68.90	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	762598	58.86	ng	-0.01
79) Terphenyl-d14	12.89	244	530425	54.37	ng	0.00
Target Compounds						
10) Phenol	6.45	94	38828	3.804	ng	Qvalue 93
50) Dimethylphthalate	9.54	163	72613	5.038	ng	97
75) Fluoranthene	12.52	202	59614	3.961	ng	95
78) Pyrene	12.74	202	58432	3.618	ng	96
81) Benzo(a)anthracene	13.93	228	32138	2.580	ng	99
83) Chrysene	13.97	228	30812	2.348	ng	94
88) Benzo(b)fluoranthene	14.97	252	31056m	2.931	ng	
90) Benzo(a)pyrene	15.32	252	22706	2.376	ng	# 92

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

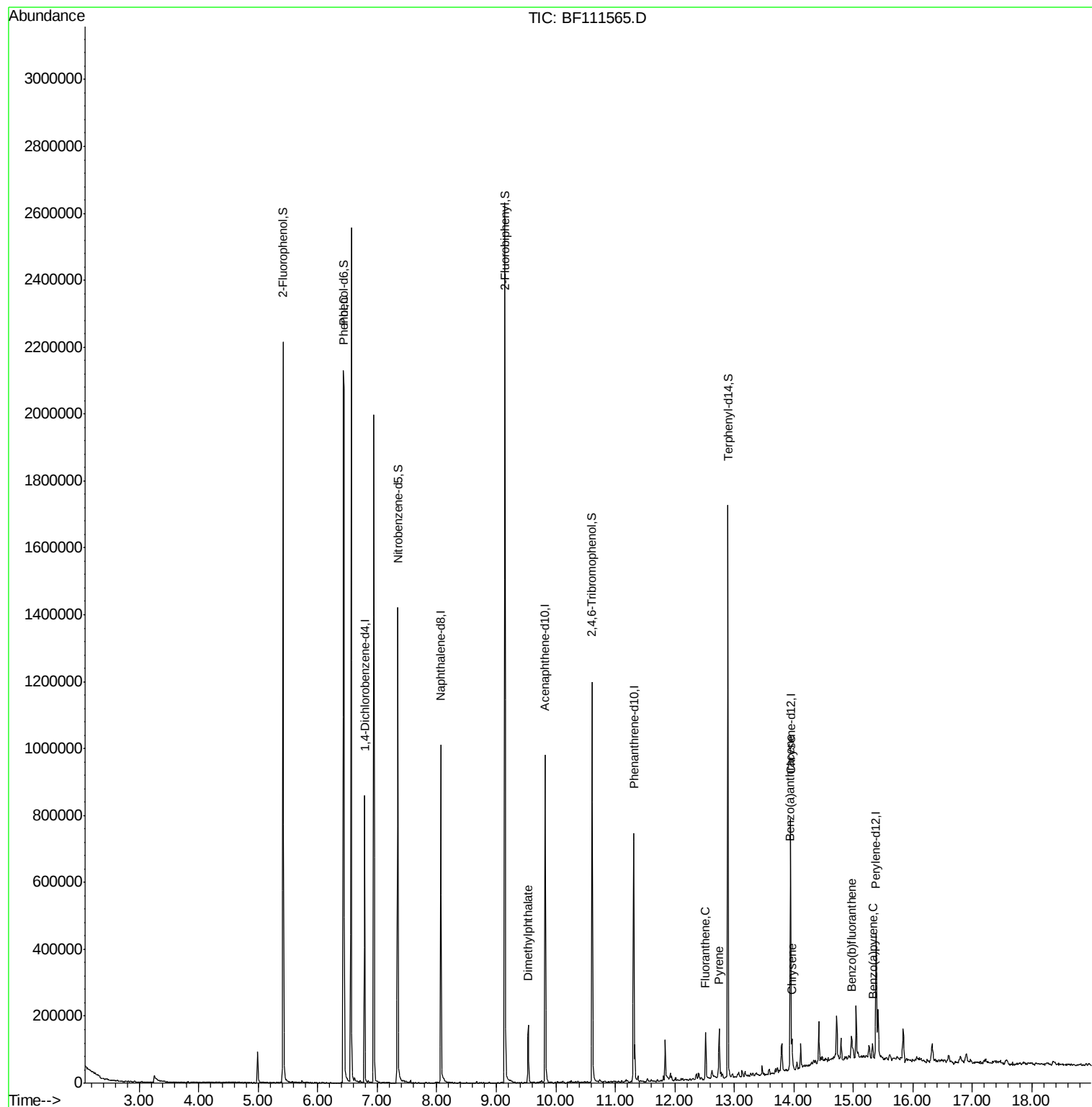
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111565.D
Acq On : 18 Dec 2018 3:21
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 26 Sample Multiplier: 1

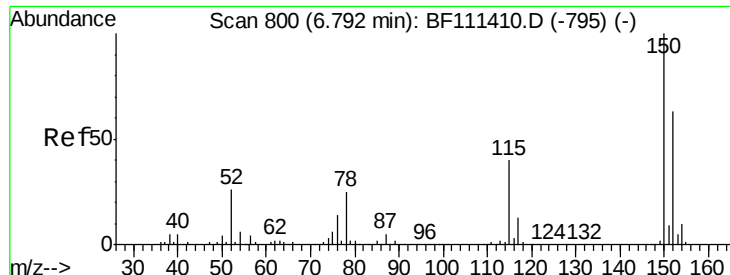
Instrument :
BNA_F
ClientSampleId :
TP-8-A

Manual Integrations
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12/18/2018 12:50:00 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

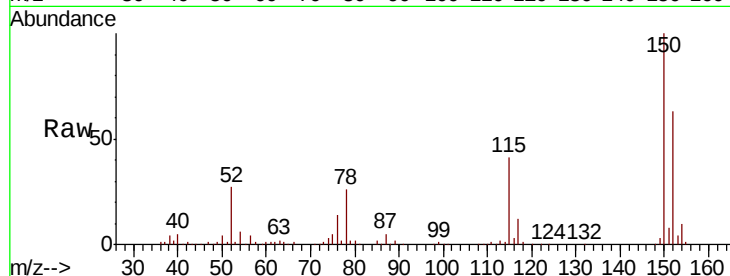
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	64.4	50.7	76.1

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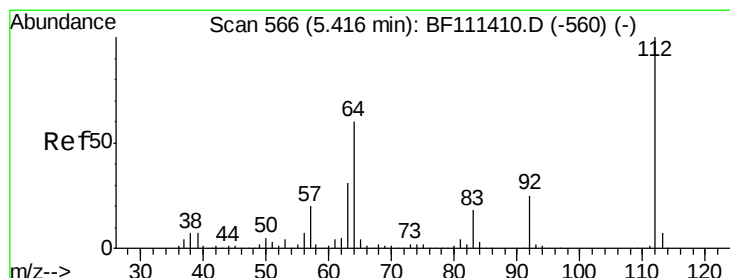
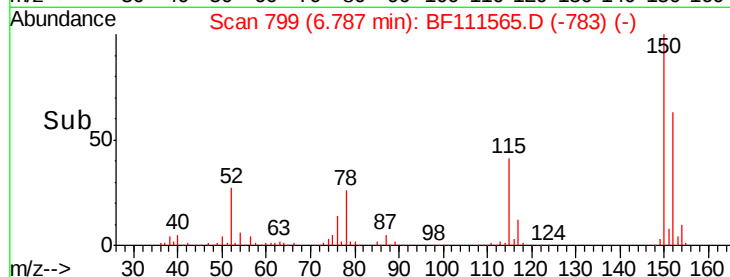
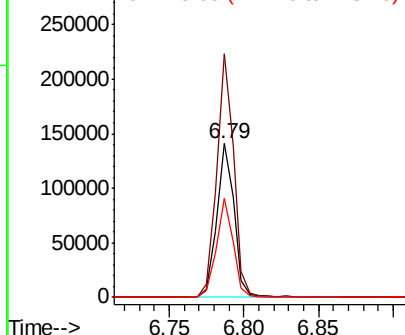


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

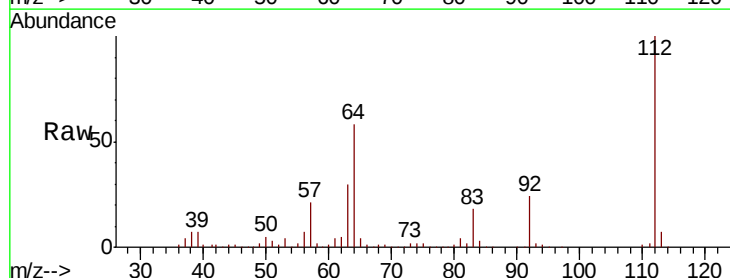
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.680 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	51.8	77.6
63	30.4	26.8	40.2

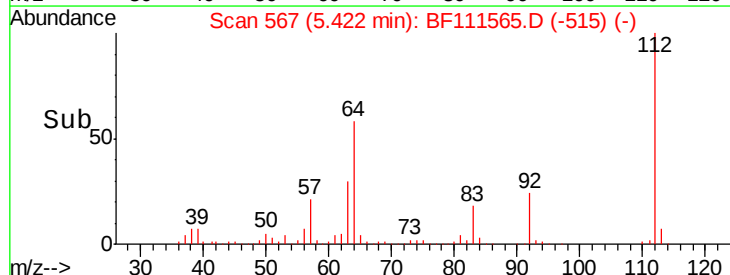
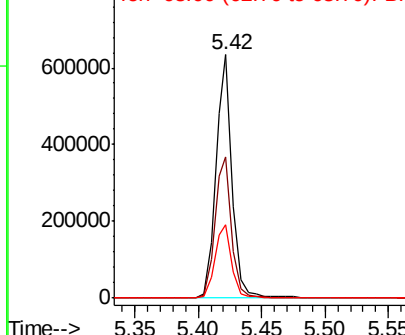


Abundance

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: 79.492 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111565.D

Acq: 18 Dec 2018 3:21

Instrument :

BNA_F

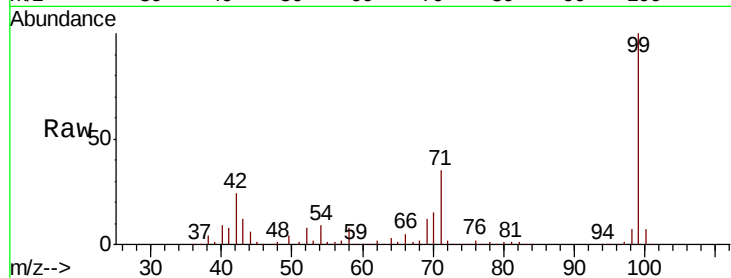
ClientSampled :

TP-8-A

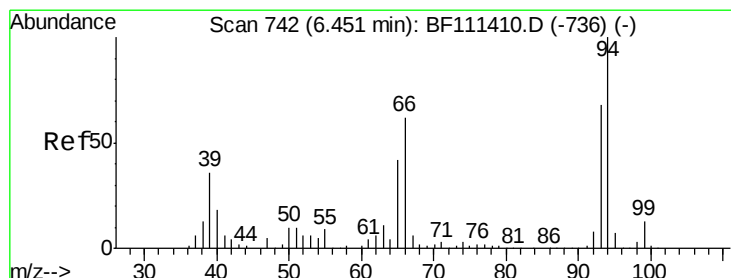
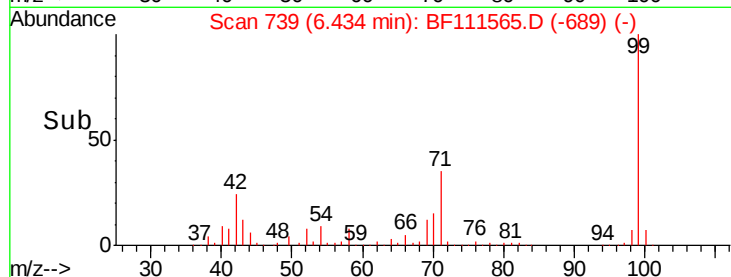
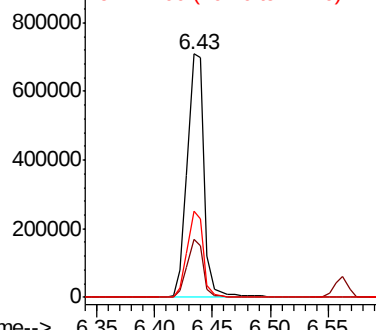
Tot Ion:	99	Resp:	728320
Ion Ratio	Lower	Upper	
99	100		
42	23.8	17.4	26.0
71	35.3	26.1	39.1

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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: 3.804 ng

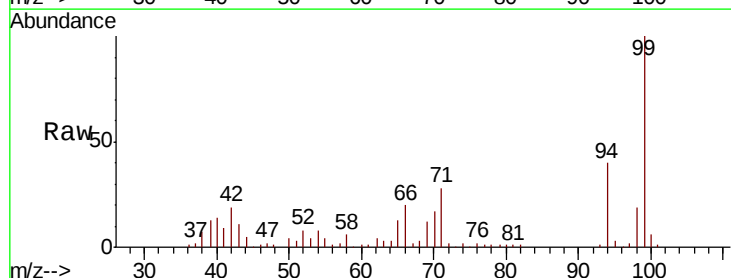
RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

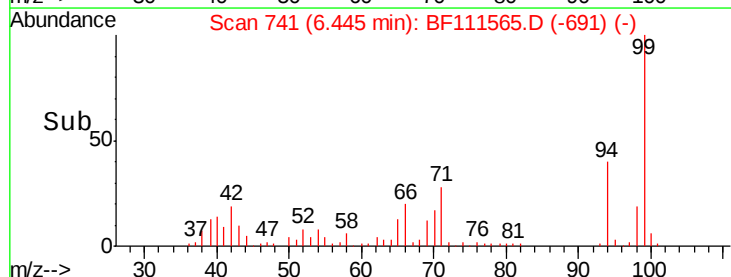
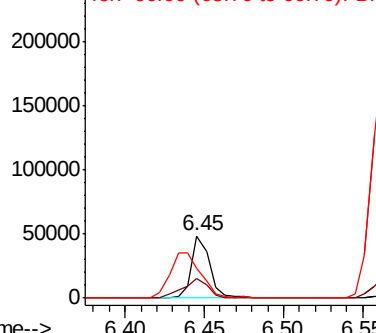
Lab File: BF111565.D

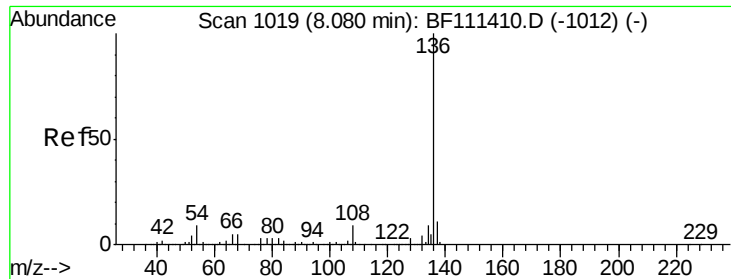
Acq: 18 Dec 2018 3:21

Tgt Ion:	94	Resp:	38828
Ion Ratio	Lower	Upper	
94	100		
65	31.1	11.7	51.7
66	48.7	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





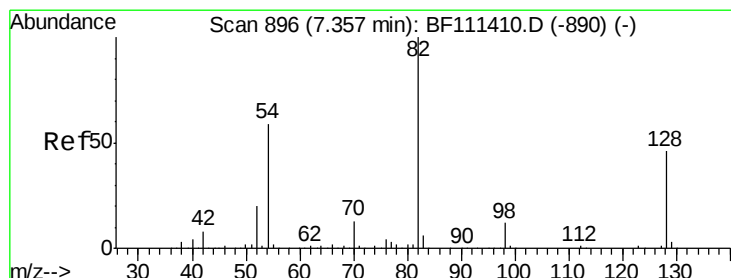
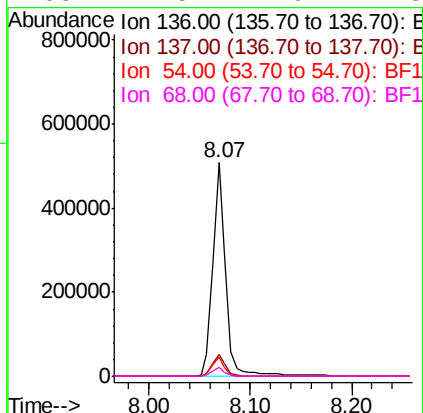
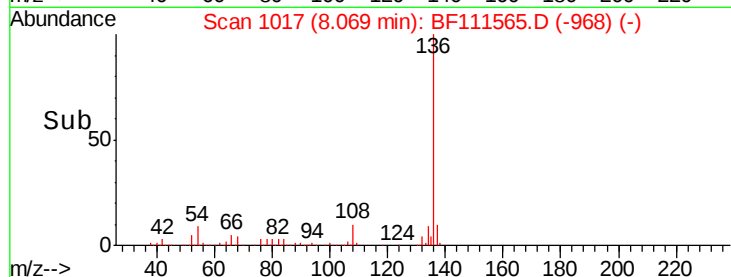
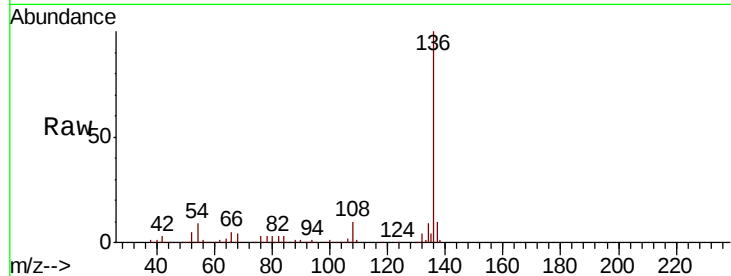
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Instrument :
BNA_F
ClientSampled :
TP-8-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	8.7	7.7	11.5	
68	4.5	4.9	7.3#	

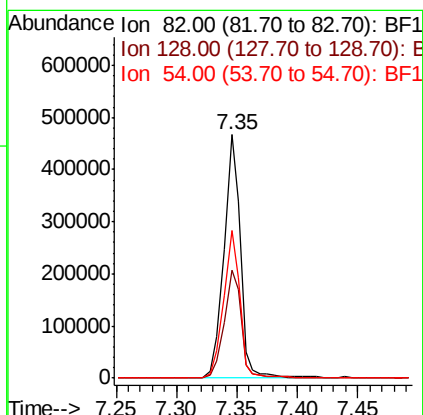
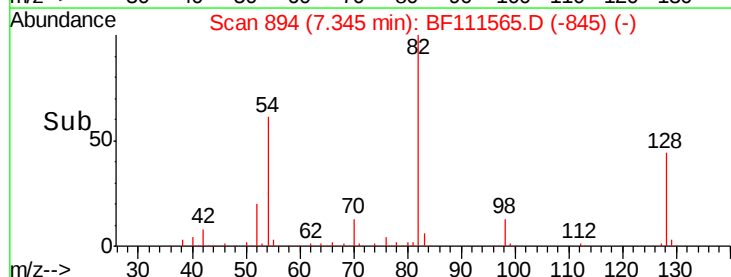
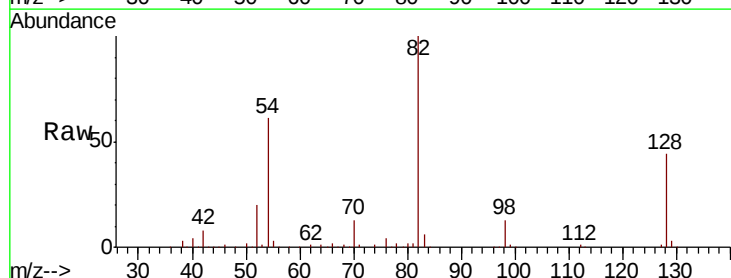
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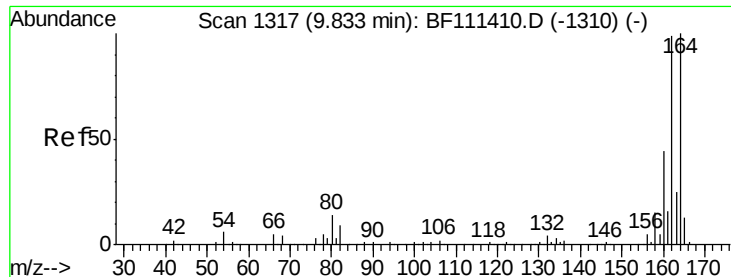
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#23
Nitrobenzene-d5
Concen: 58.330 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	37.4	56.2	
54	60.7	47.6	71.4	





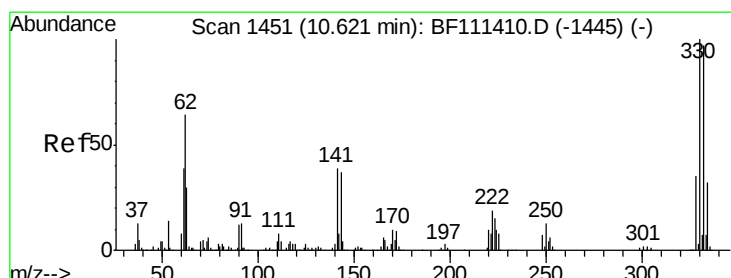
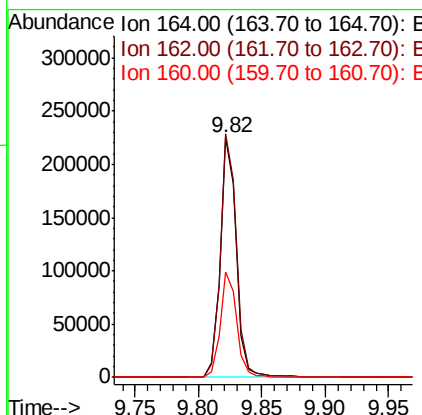
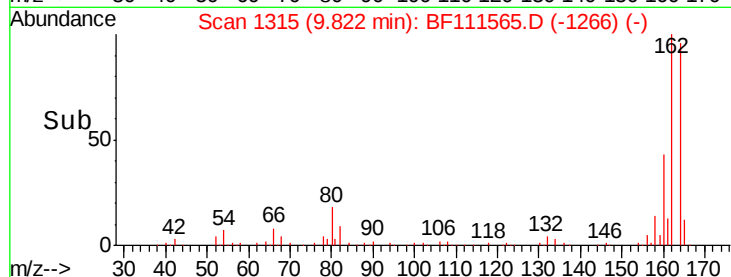
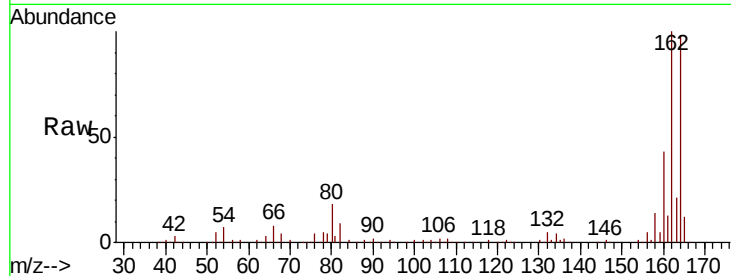
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100	200129		
162	101.8	81.4	122.0	
160	43.9	35.7	53.5	

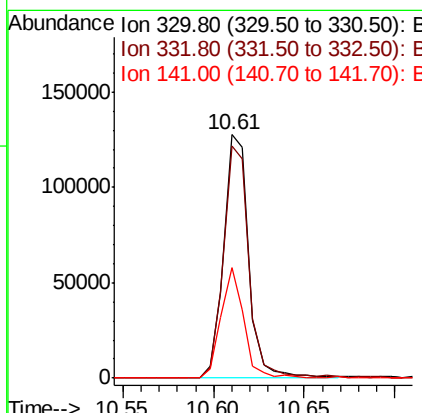
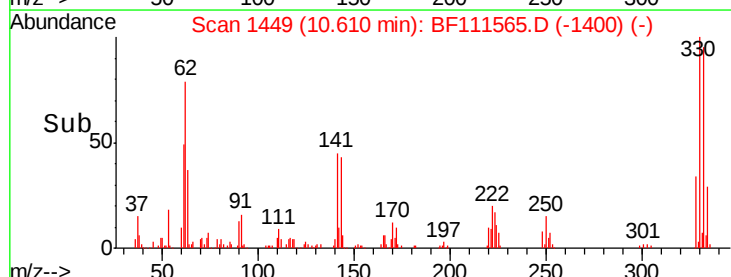
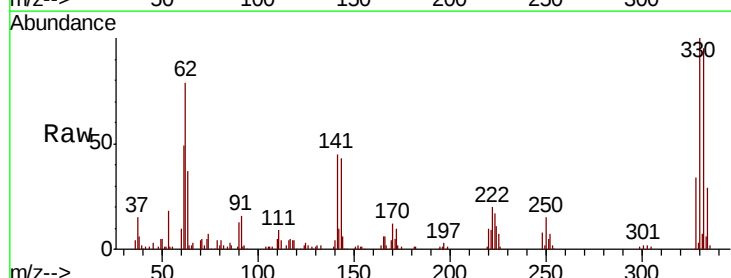
Manual Integrations
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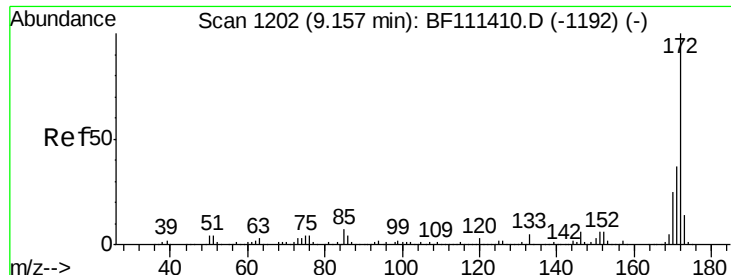
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#42
2,4,6-Tribromophenol
Concen: 68.902 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123522		
332	97.1	76.0	114.0	
141	41.2	31.0	46.6	





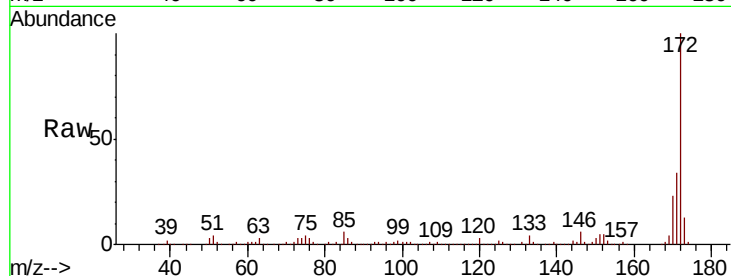
#45
2-Fluorobiphenyl
Concen: 58.859 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	762598		
171	34.5		33.0	49.4
170	23.3		22.3	33.5

Manual Integrations
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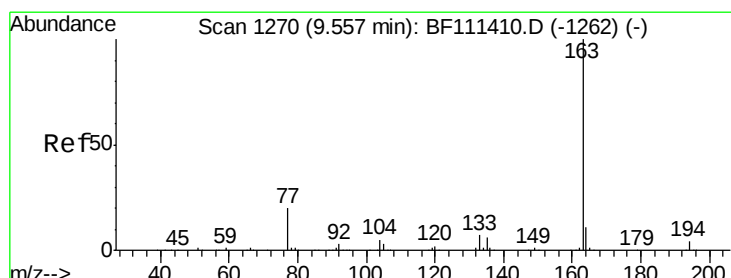
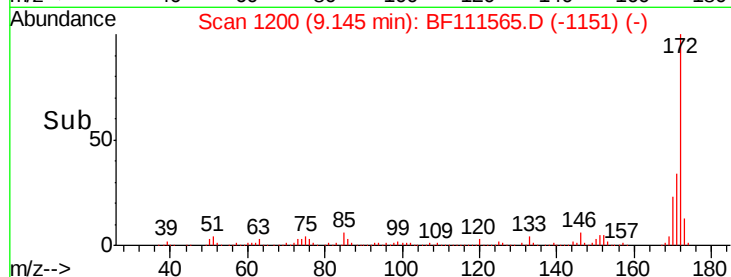
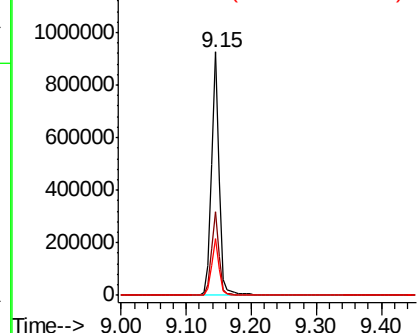


Abundance

Ion 172.00 (171.70 to 172.70): E

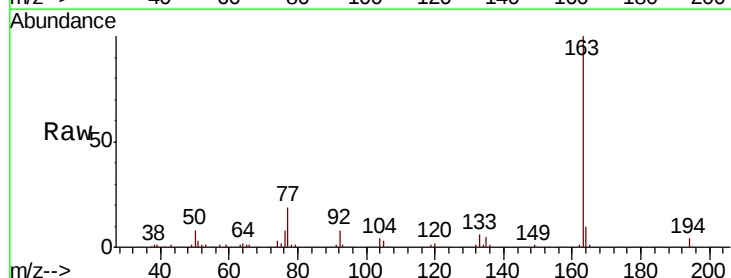
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.038 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	72613		
194	3.5		3.0	4.6
164	9.8		8.9	13.3

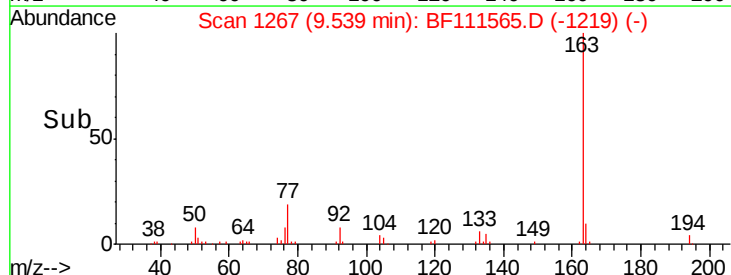
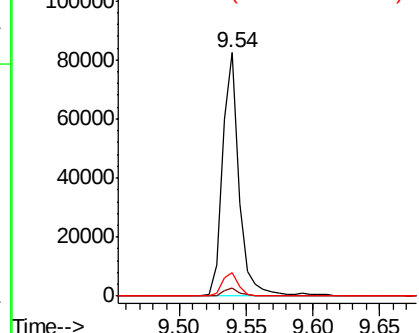


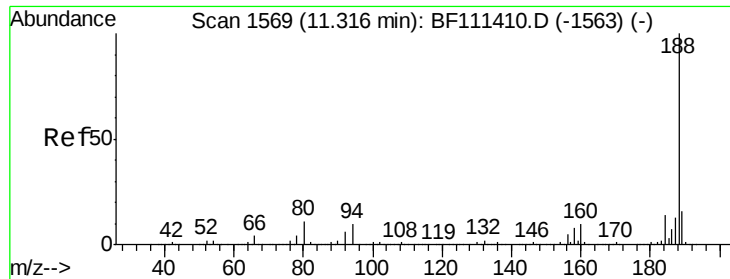
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111565.D

Acq: 18 Dec 2018 3:21

Instrument :

BNA_F

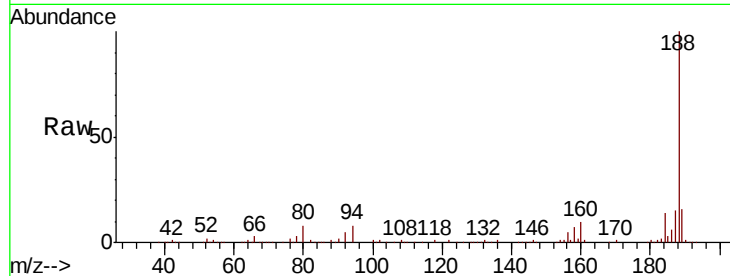
ClientSampleId :

TP-8-A

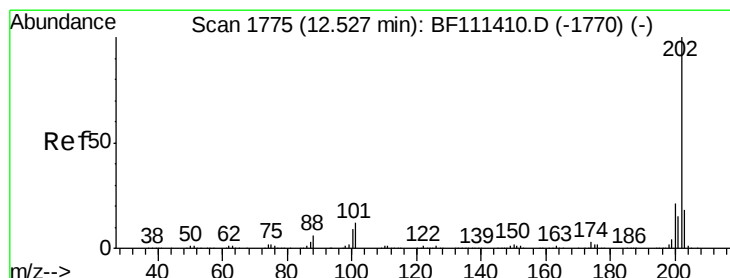
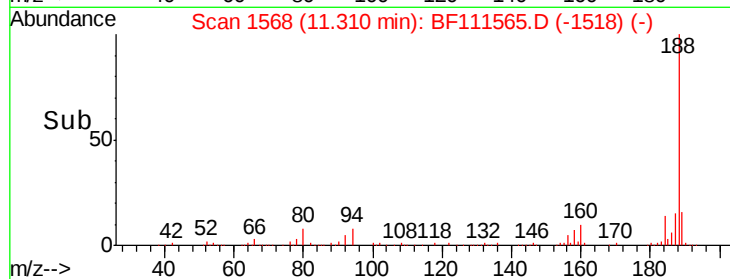
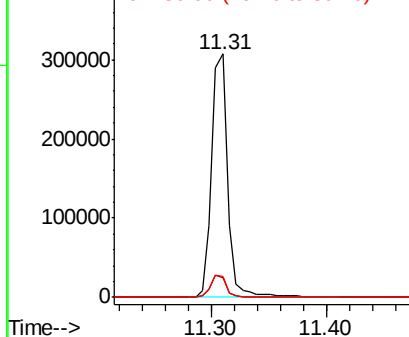
Tot Ion:	188	Resp:	298558
Ion Ratio	Lower	Upper	
188	100		
94	8.0	9.6	14.4#
80	8.4	9.8	14.6#

Manual Integrations
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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



#75

Fluoranthene

Concen: 3.961 ng

RT: 12.52 min Scan# 1773

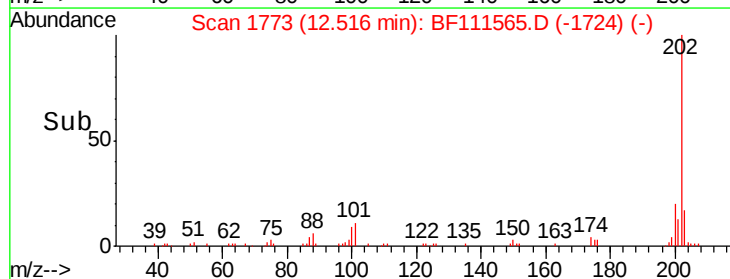
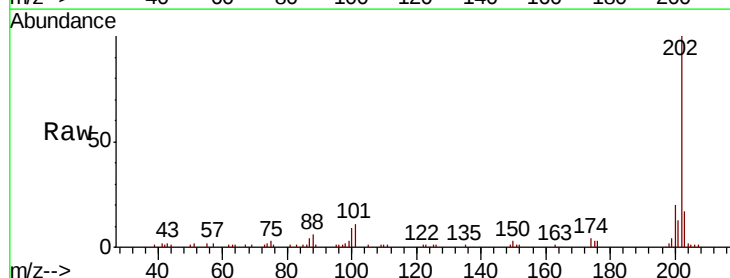
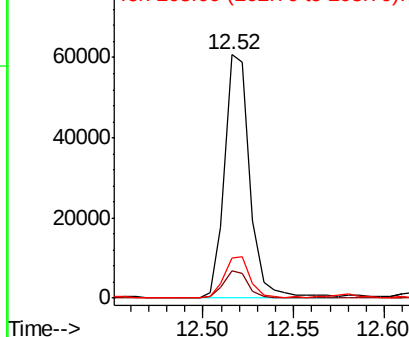
Delta R.T. -0.01 min

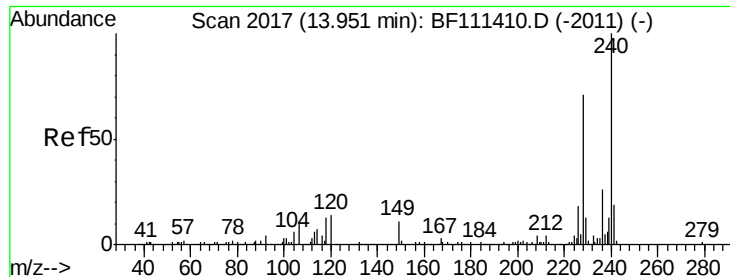
Lab File: BF111565.D

Acq: 18 Dec 2018 3:21

Tgt Ion:	202	Resp:	59614
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	33.8
203	16.6	0.0	38.6

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





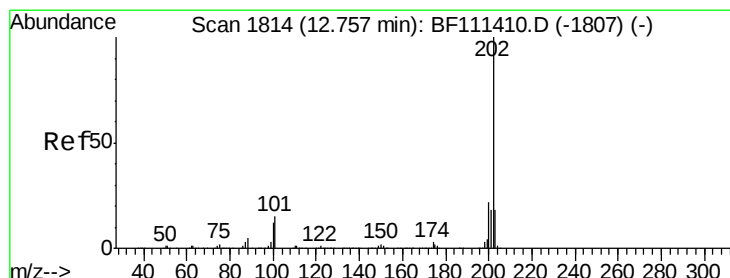
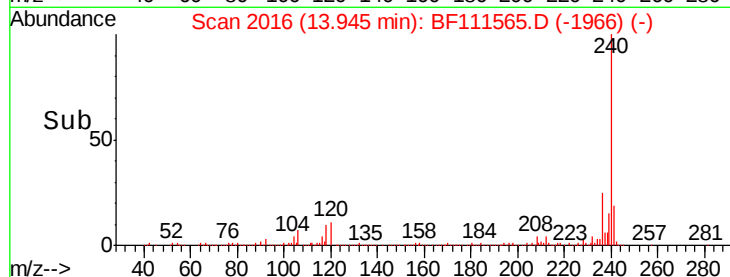
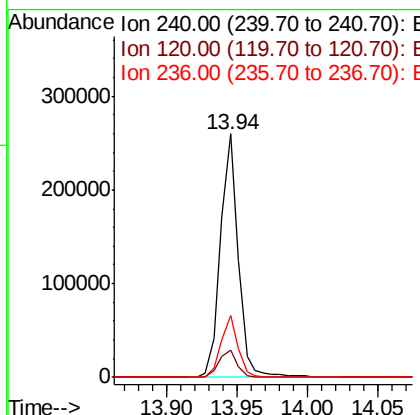
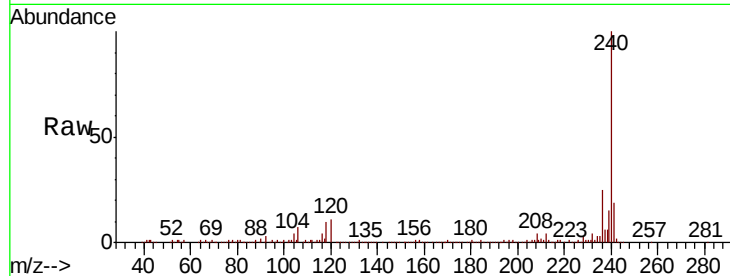
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Instrument :
BNA_F
ClientSampled :
TP-8-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	229076		
120	11.0		12.2	18.2#
236	25.3		20.2	30.2

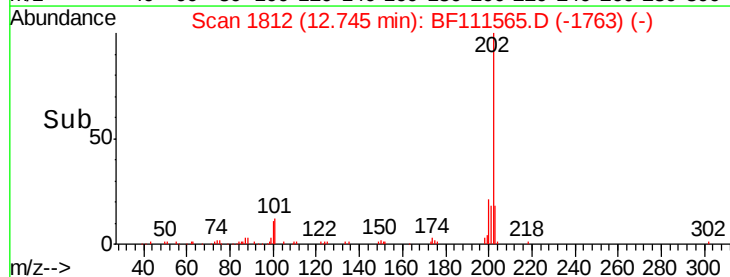
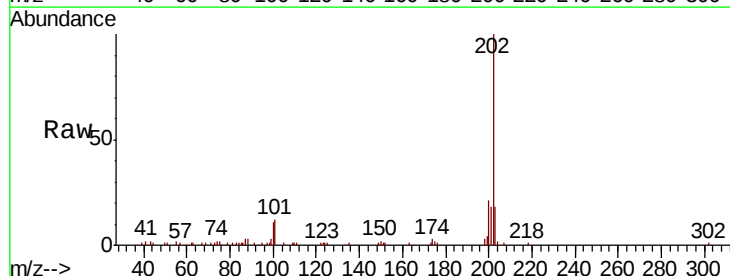
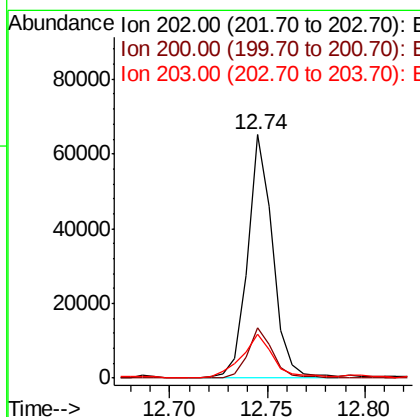
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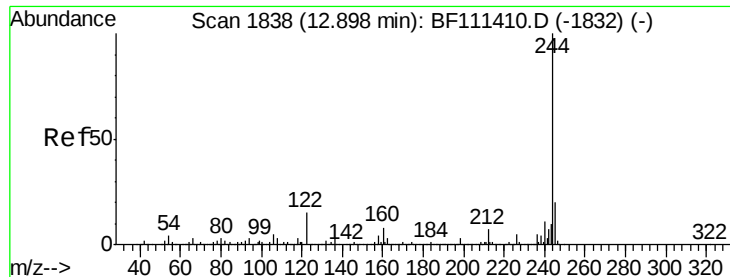
Sohil
12/18/2018 12:50:00 PM



#78
Pyrene
Concen: 3.618 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	58432		
200	20.6		19.0	28.4
203	18.1		15.2	22.8





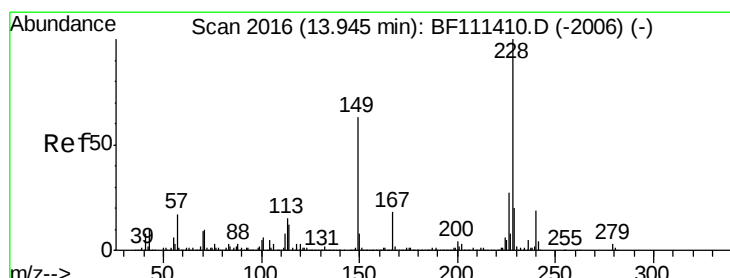
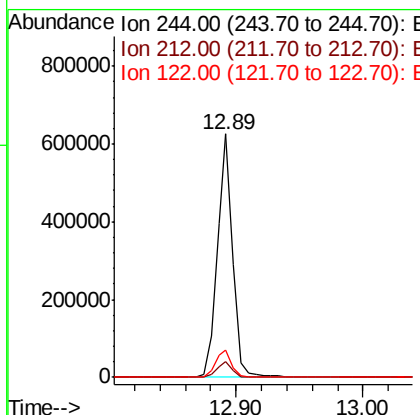
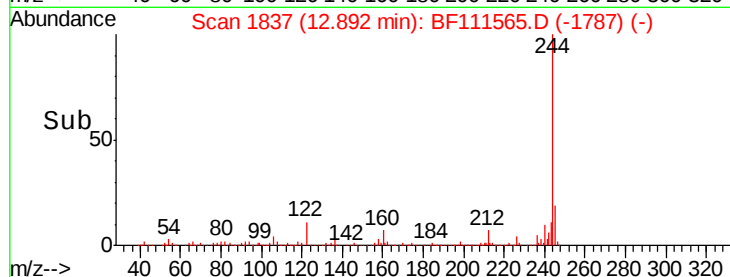
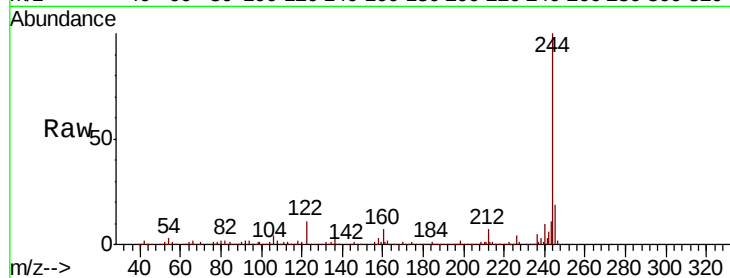
#79
 Terphenyl-d14
 Concen: 54.373 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111565.D
 Acq: 18 Dec 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.5	13.1	19.7

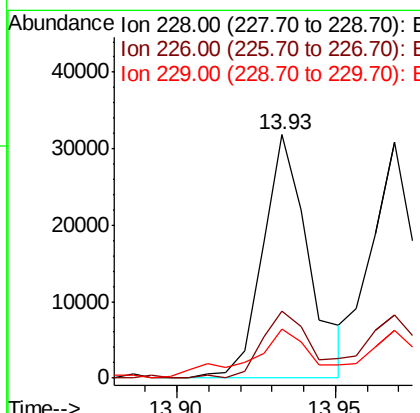
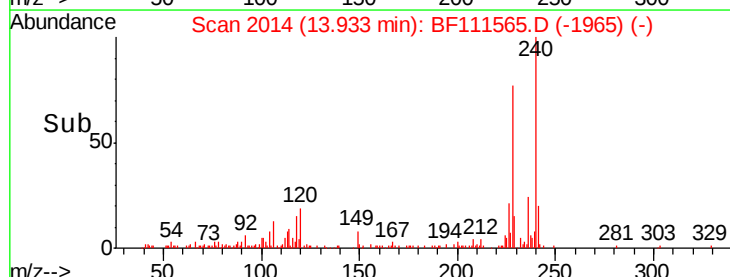
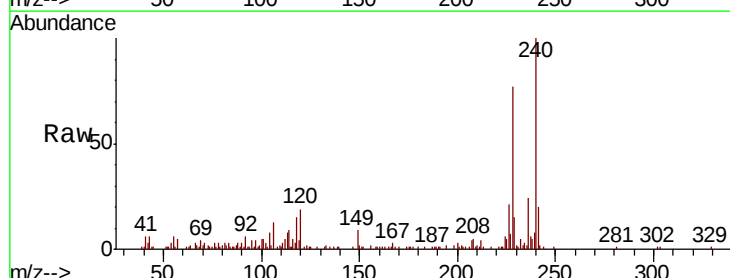
Manual Integrations
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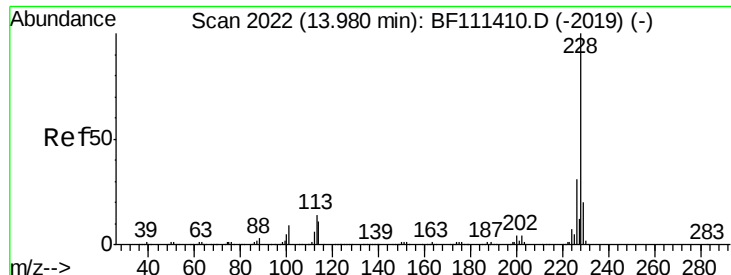
Sohil
 12/18/2018 12:50:00 PM



#81
 Benzo(a)anthracene
 Concen: 2.580 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111565.D
 Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.1	16.3	24.5





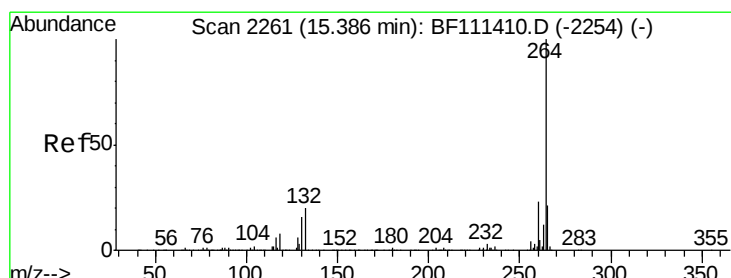
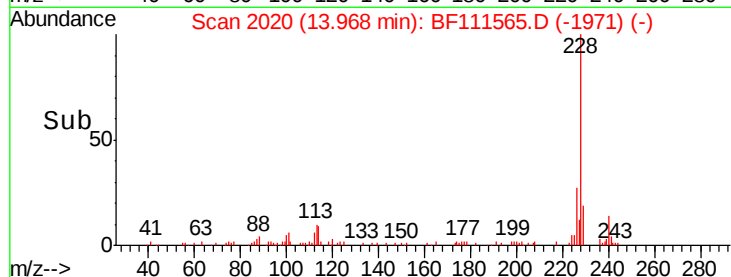
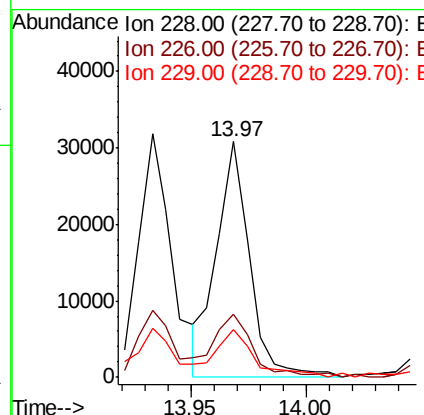
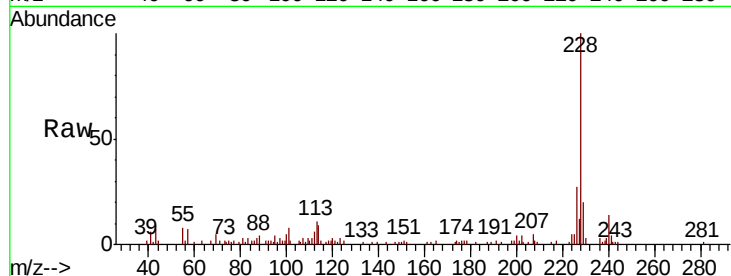
#83
Chrysene
Concen: 2.348 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Instrument :
BNA_F
ClientSampled :
TP-8-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.3	37.9
229	20.4	17.2	25.8

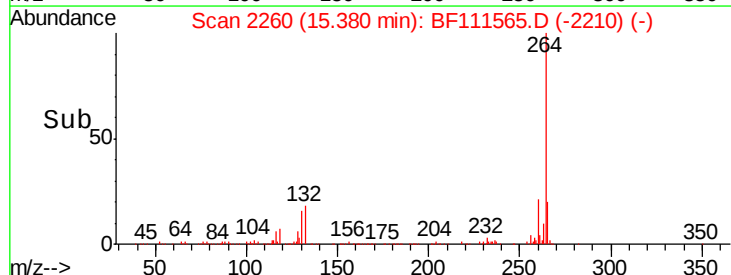
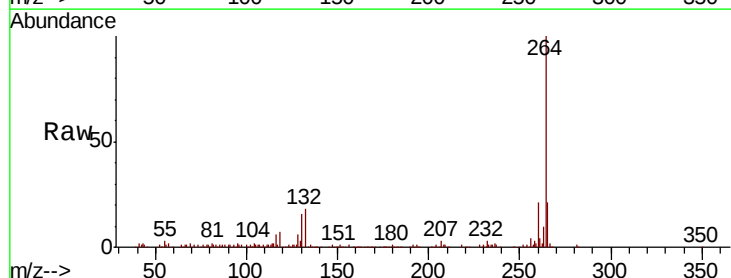
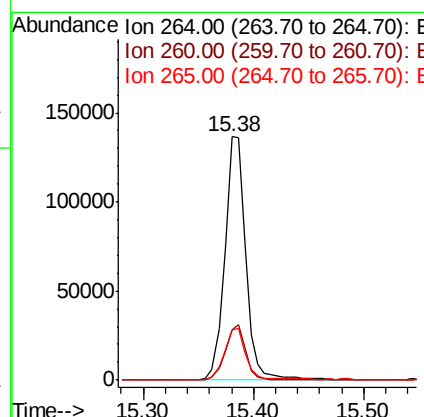
Manual Integrations
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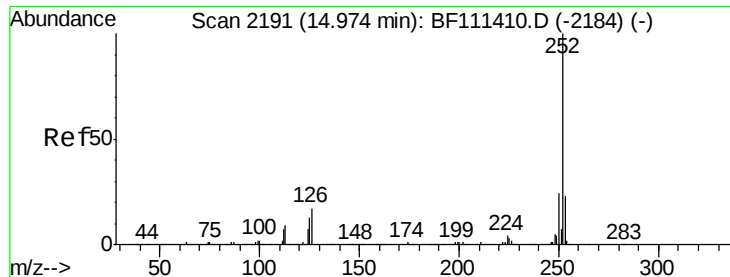
Sohil
12/18/2018 12:50:00 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.6	18.3	27.5
265	20.6	17.7	26.5





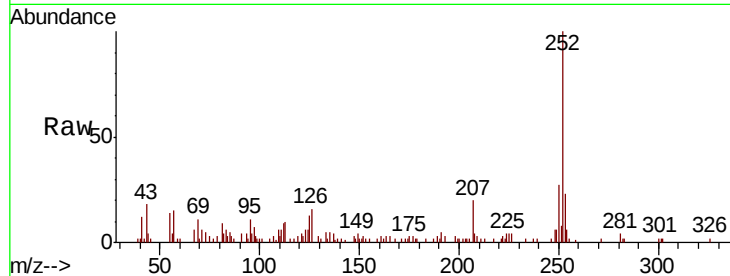
#88
Benzo(b)fluoranthene
Concen: 2.931 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Instrument :
BNA_F
ClientSampled :
TP-8-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	13.4	10.4	15.6

Manual Integrations
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Sohil
12/18/2018 12:50:00 PM

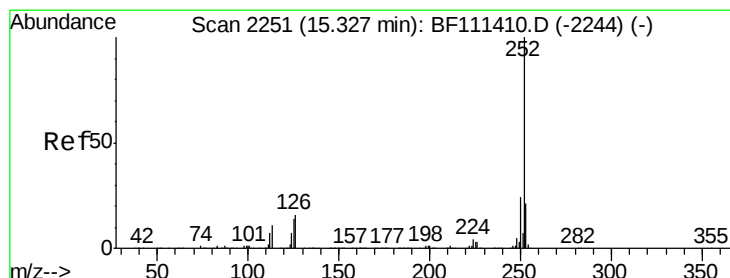
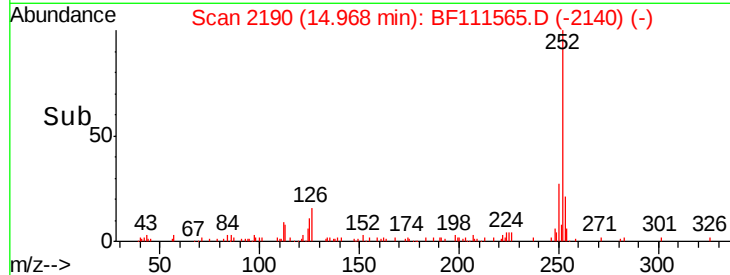
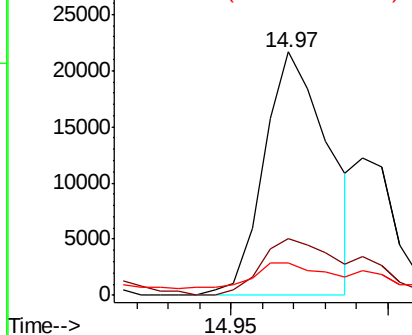


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.376 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111565.D
Acq: 18 Dec 2018 3:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.8	26.8#
125	14.2	12.3	18.5

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

