

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110410.D
 Acq On : 2 Nov 2018 14:23
 Operator : JU/SJ
 Sample : J5794-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:39 AM

Quant Time: Nov 02 23:01:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90023	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	354060	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	147636	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	231386	20.00	ng	0.00
76) Chrysene-d12	14.13	240	210346	20.00	ng	0.00
87) Perylene-d12	15.66	264	182876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	572426	103.55	ng	0.00
7) Phenol-d6	6.58	99	720804	101.94	ng	0.00
23) Nitrobenzene-d5	7.52	82	454725	76.18	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	133382	91.21	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	781180	83.09	ng	0.00
79) Terphenyl-d14	13.07	244	610485	60.36	ng	0.00
Target Compounds						
10) Phenol	6.59	94	41322	5.467	ng	Qvalue # 66
50) Dimethylphthalate	9.70	163	122332	11.225	ng	98
75) Fluoranthene	12.70	202	37068	3.017	ng	99
78) Pyrene	12.93	202	32920	2.183	ng	98
88) Benzo(b)fluoranthene	15.20	252	24171m	2.289	ng	

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

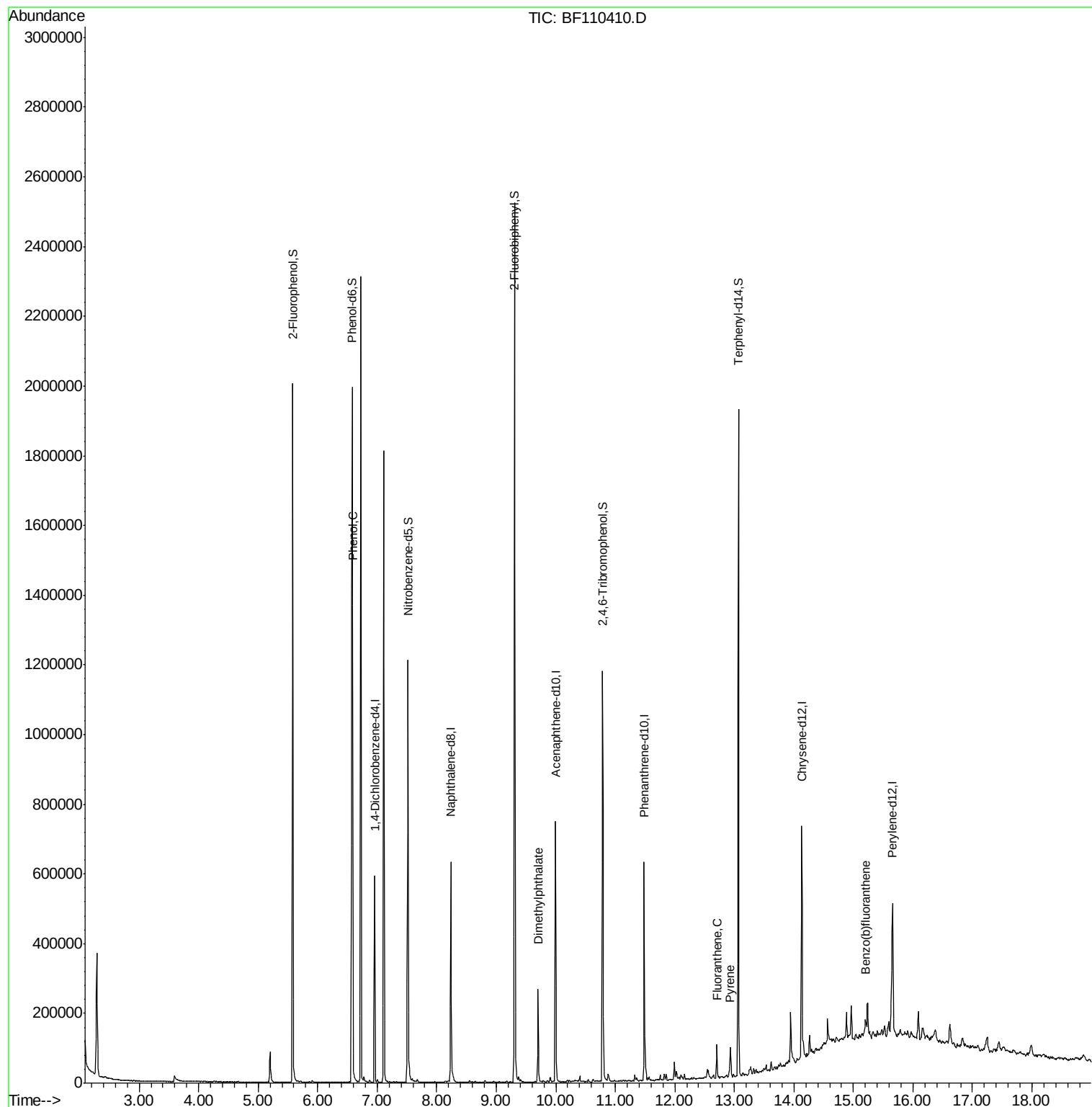
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110410.D
Acq On : 2 Nov 2018 14:23
Operator : JU/SJ
Sample : J5794-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

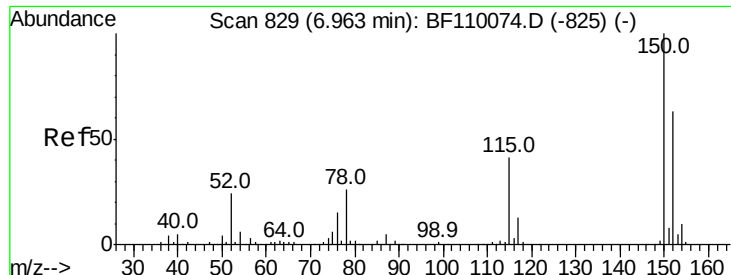
Instrument :
BNA_F
ClientSampleId :
TP-11-S

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Quant Time: Nov 02 23:01:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration





#1

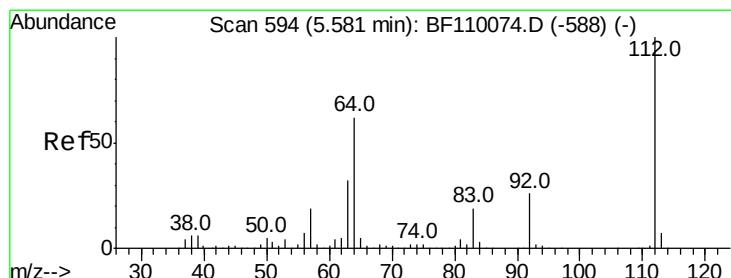
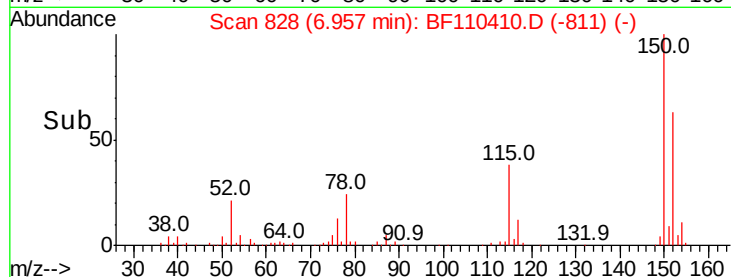
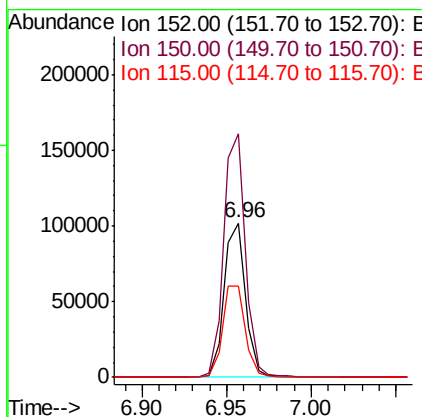
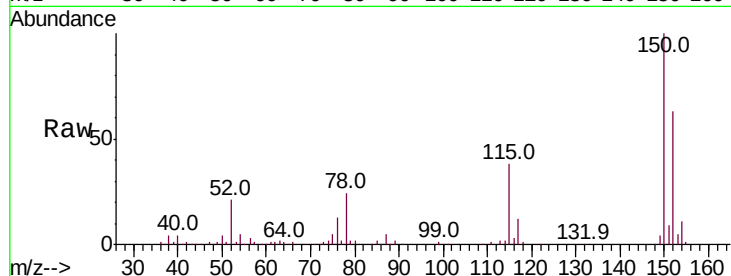
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Instrument :
BNA_F
ClientSampled :
TP-11-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	59.1	49.1	73.7

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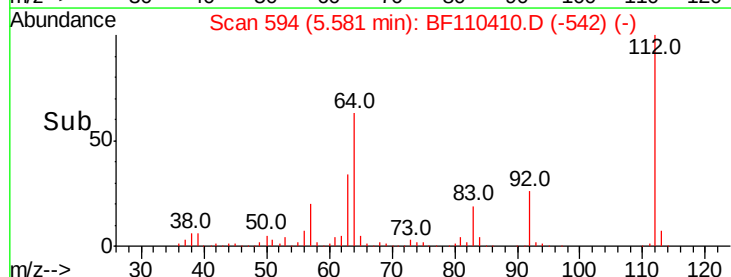
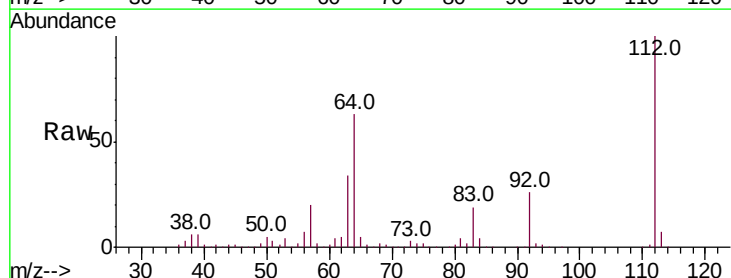
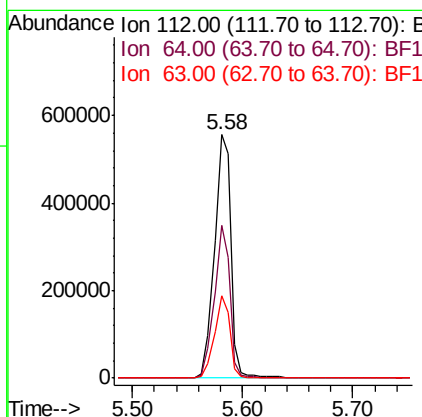
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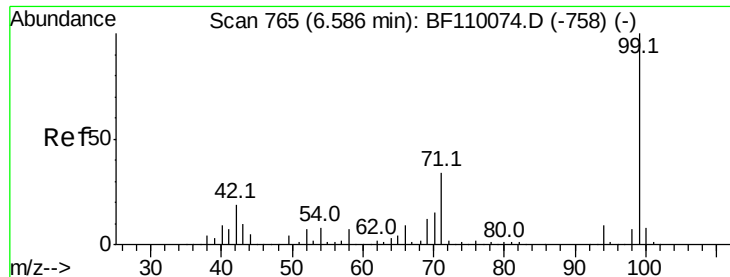


#5

2-Fluorophenol
Concen: 103.548 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	44.1	66.1
63	33.7	23.7	35.5





#7

Phenol-d6

Concen: 101.939 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

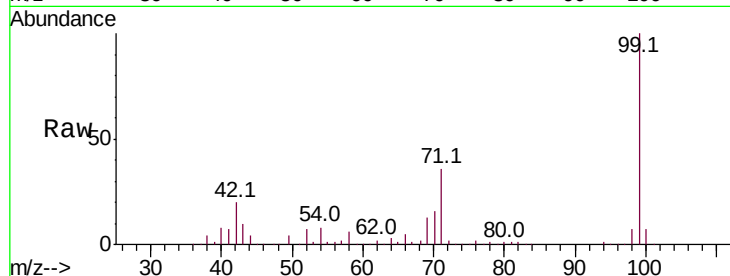
ClientSampled :

TP-11-S

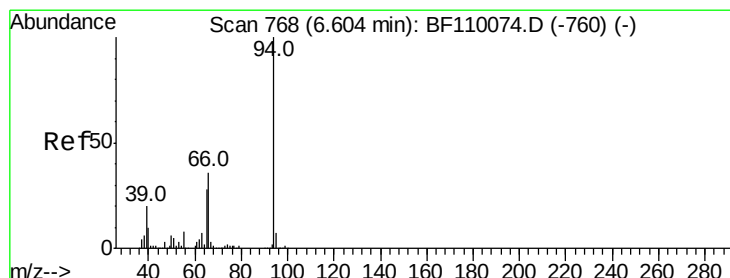
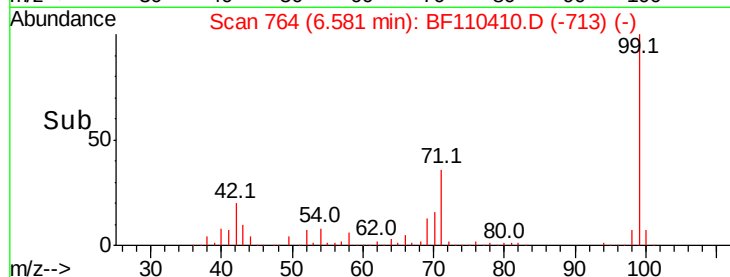
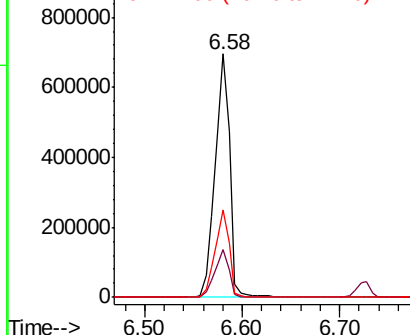
Tot Ion:	99	Resp:	720804
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	35.7	28.0	42.0

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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: 5.467 ng

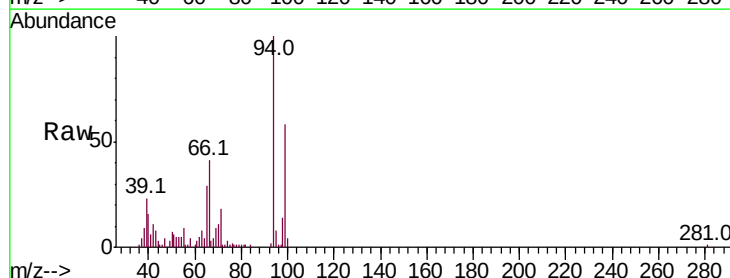
RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

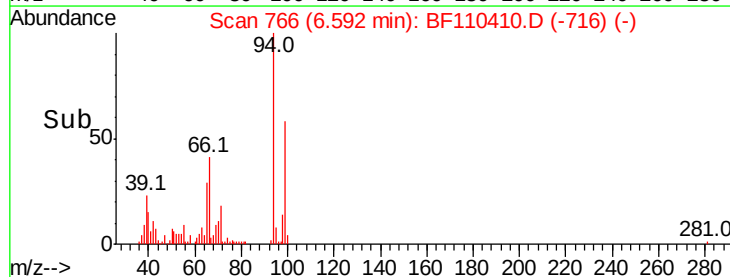
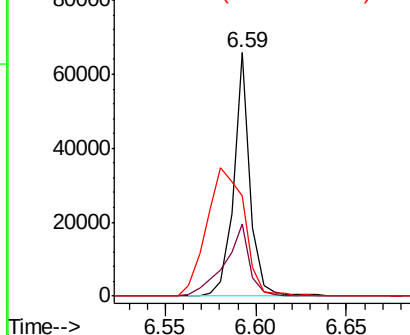
Lab File: BF110410.D

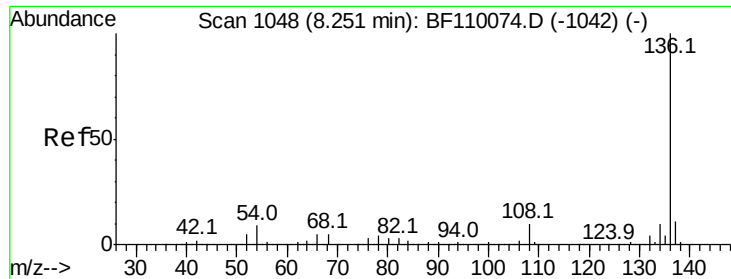
Acq: 2 Nov 2018 14:23

Tgt Ion:	94	Resp:	41322
Ion Ratio	Lower	Upper	
94	100		
65	29.4	25.3	65.3
66	41.1	54.5	94.5#



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





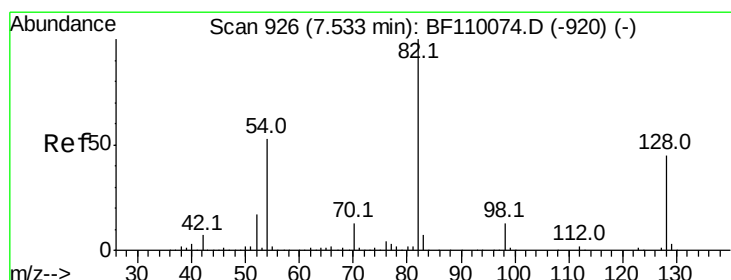
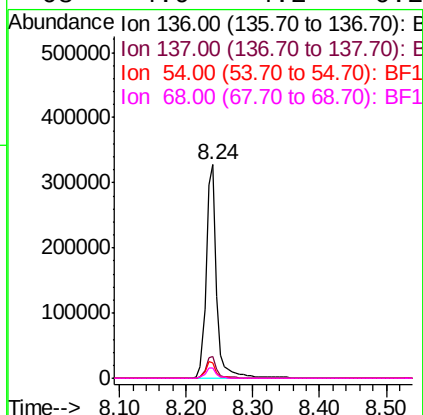
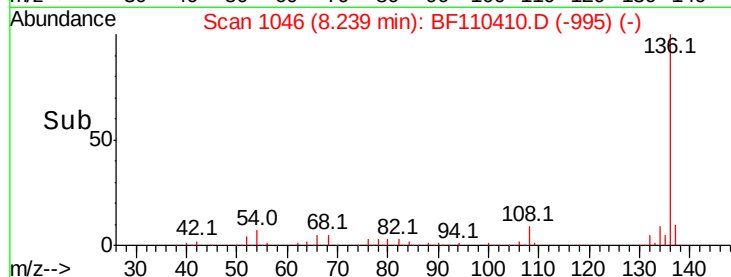
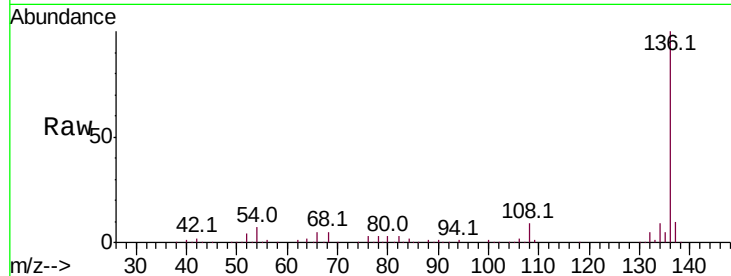
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Instrument :
BNA_F
ClientSampled :
TP-11-S

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.8	13.2	
54	7.1	5.4	8.2	
68	4.9	4.2	6.2	

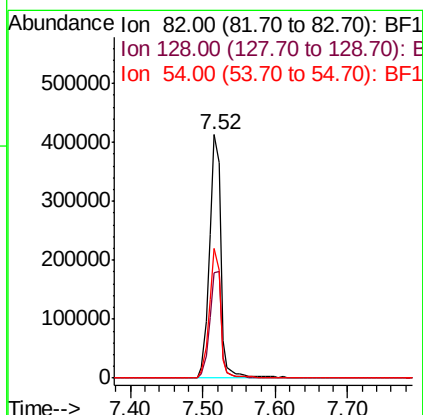
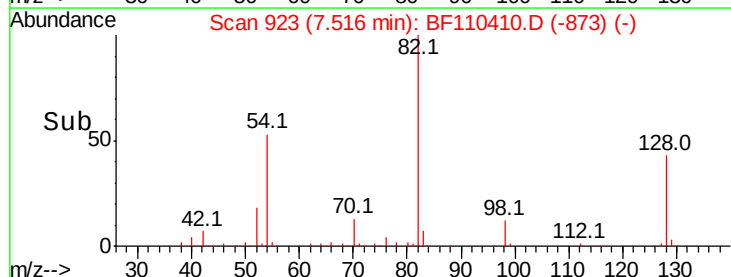
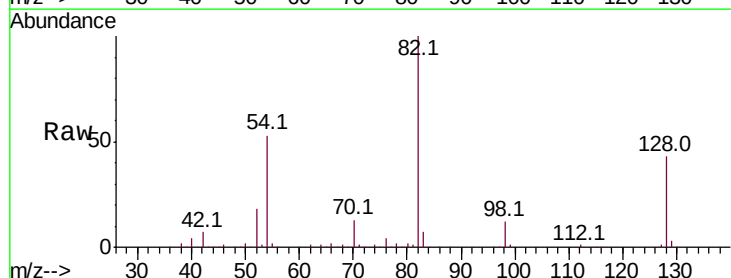
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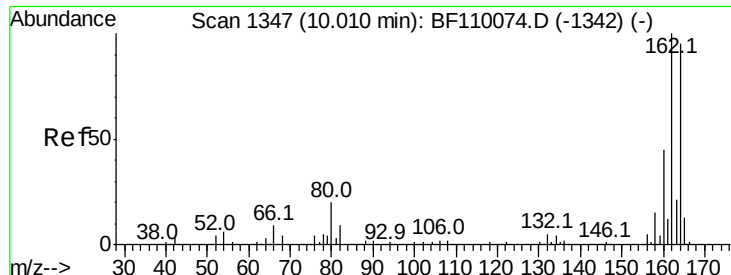
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#23
Nitrobenzene-d5
Concen: 76.177 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.4	34.2	51.2	
54	53.4	38.6	58.0	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampleId :

TP-11-S

Tot Ion:164 Resp: 147636

Ion Ratio Lower Upper

164 100

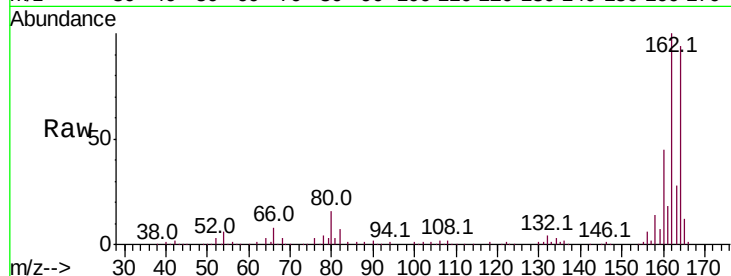
162 106.3 83.0 124.6

160 48.1 37.0 55.6

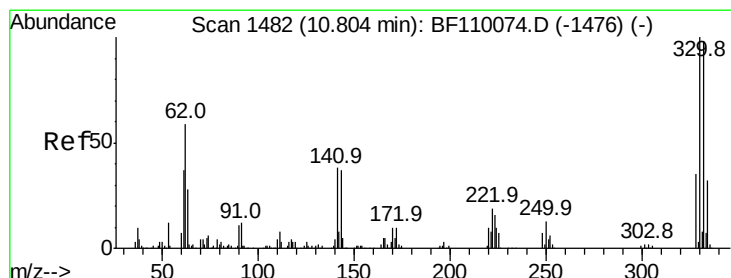
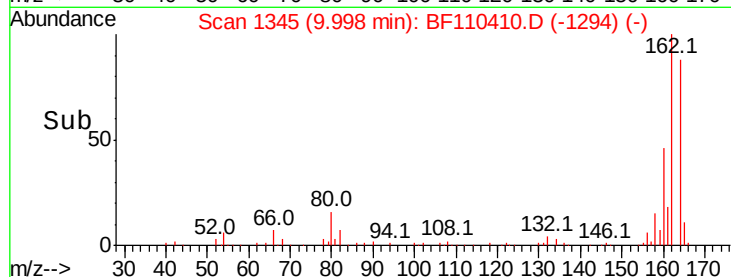
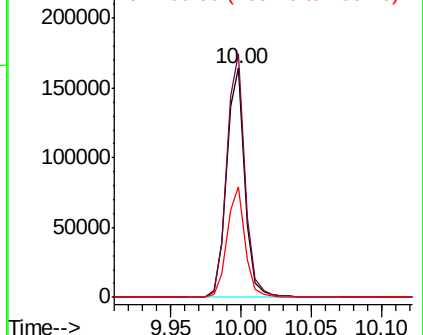
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 91.206 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

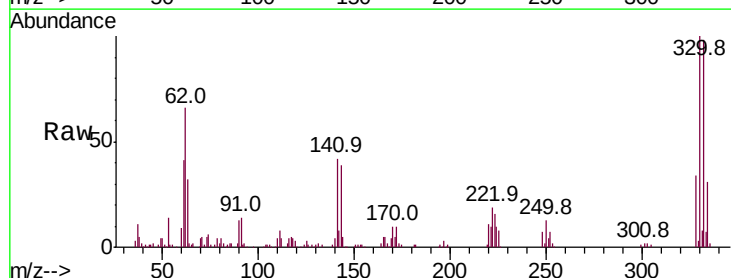
Tgt Ion:330 Resp: 133382

Ion Ratio Lower Upper

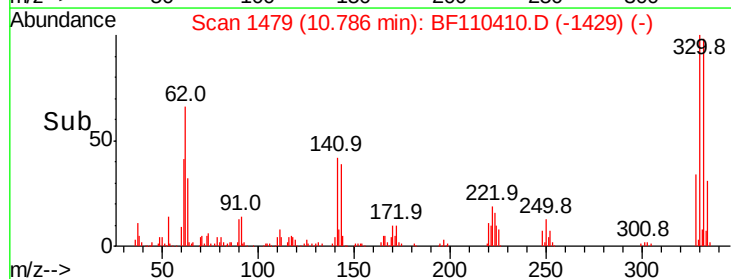
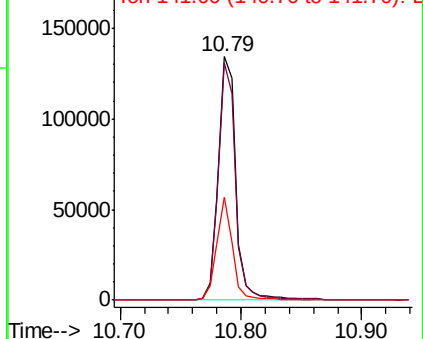
330 100

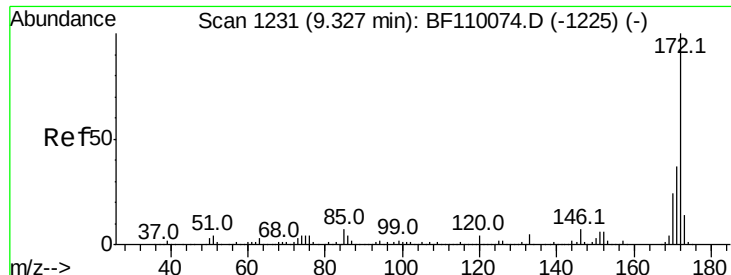
332 95.7 77.1 115.7

141 38.2 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





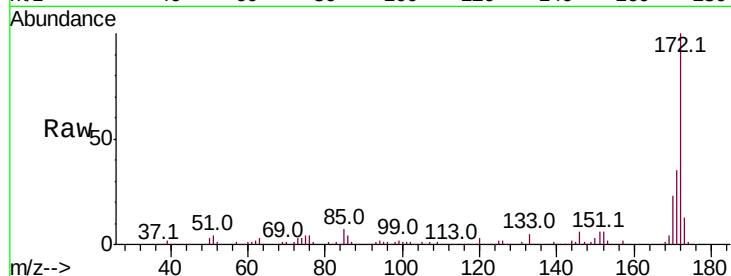
#45
2-Fluorobiphenyl
Concen: 83.086 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Instrument :
BNA_F
ClientSampled :
TP-11-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100	781180		
171	35.5	28.6	43.0	
170	23.5	19.7	29.5	

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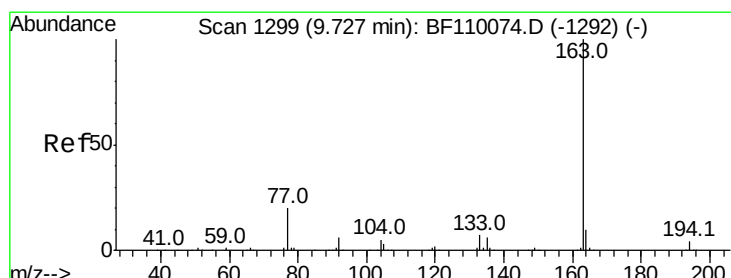
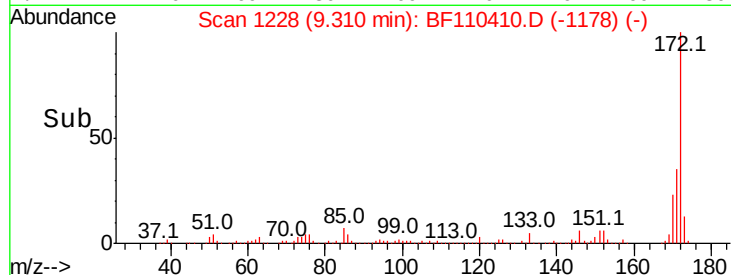
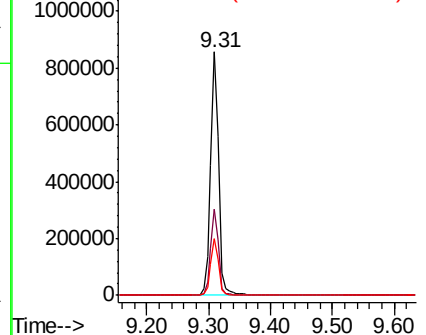


Abundance

Ion 172.00 (171.70 to 172.70): E

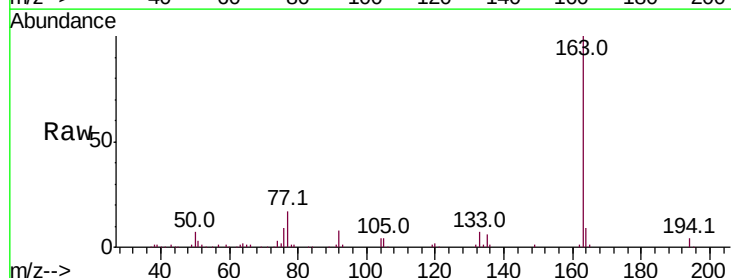
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 11.225 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	122332		
194	3.7	3.2	4.8	
164	9.1	8.1	12.1	

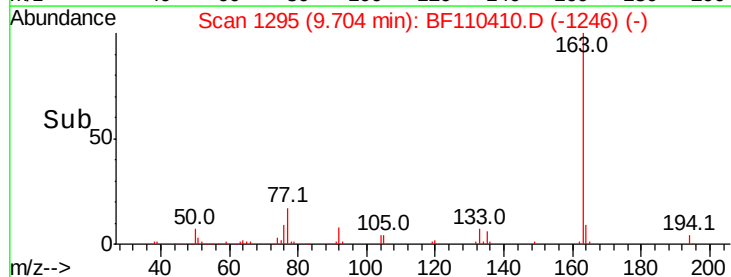
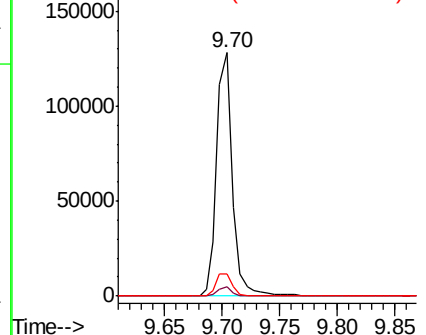


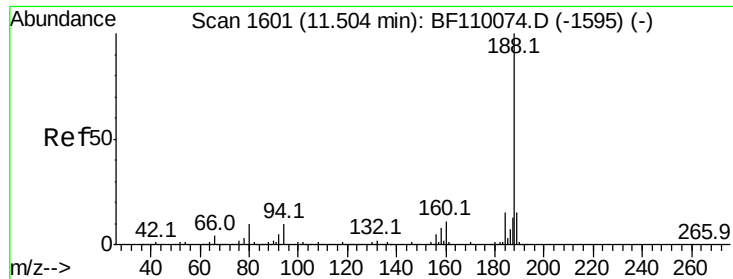
Abundance

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

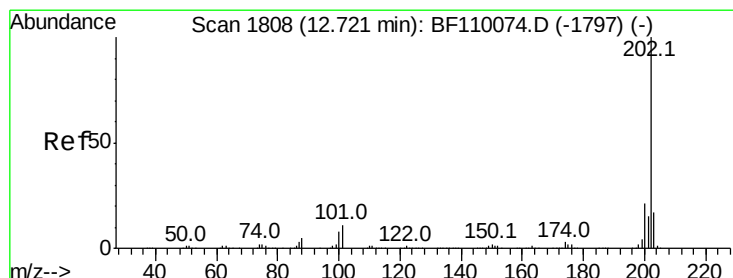
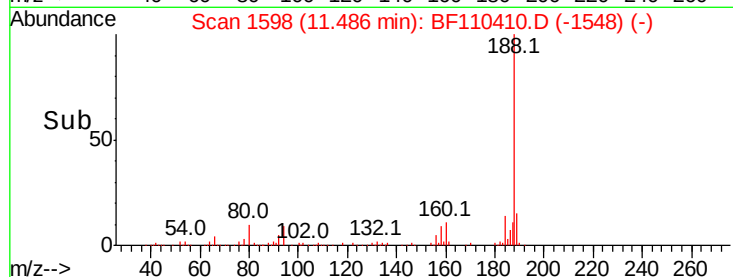
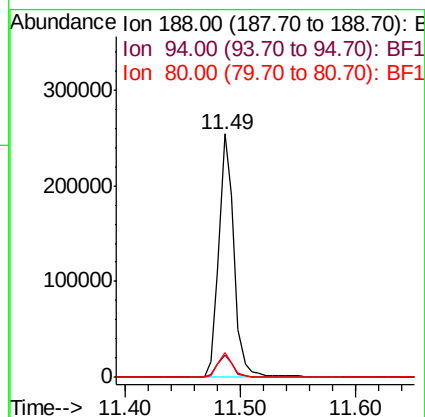
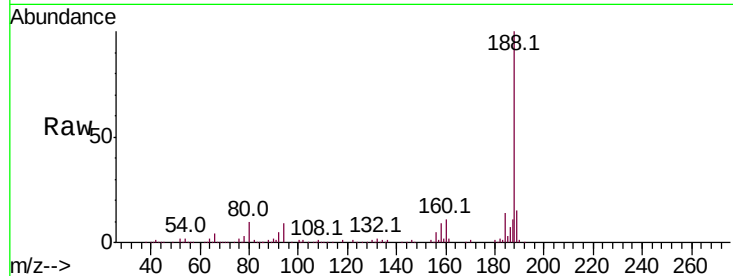
ClientSampleId :

TP-11-S

Tot Ion:	188	Resp:	231386
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.2	10.8
80	10.1	7.9	11.9

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#75

Fluoranthene

Concen: 3.017 ng

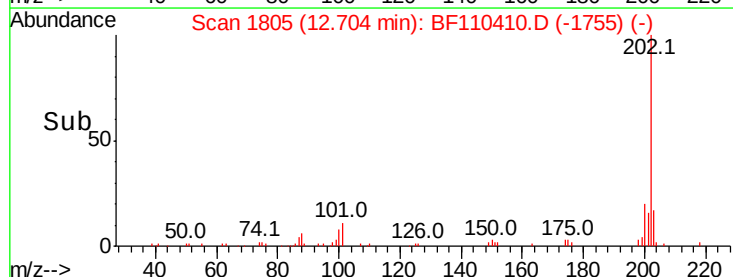
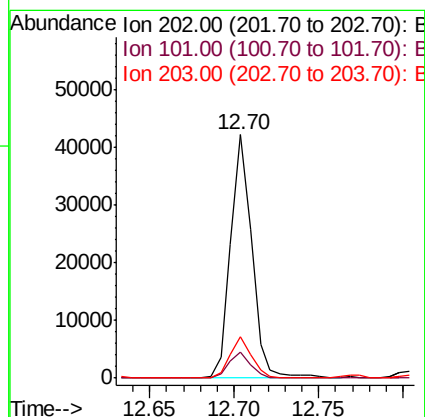
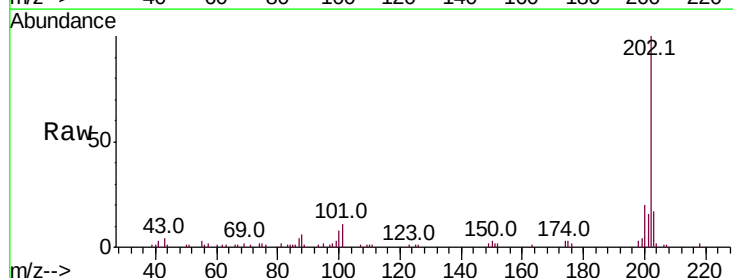
RT: 12.70 min Scan# 1805

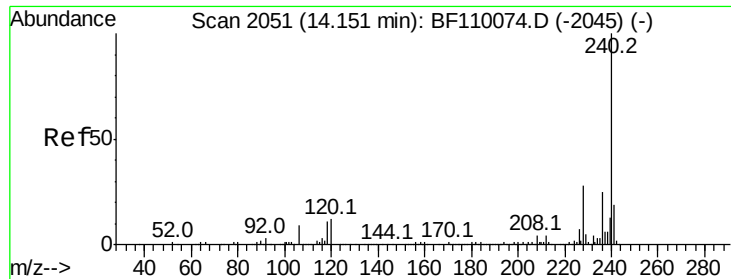
Delta R.T. -0.01 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Tgt Ion:	202	Resp:	37068
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.2	0.0	37.7





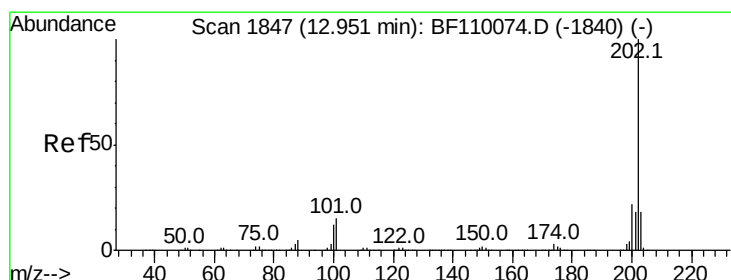
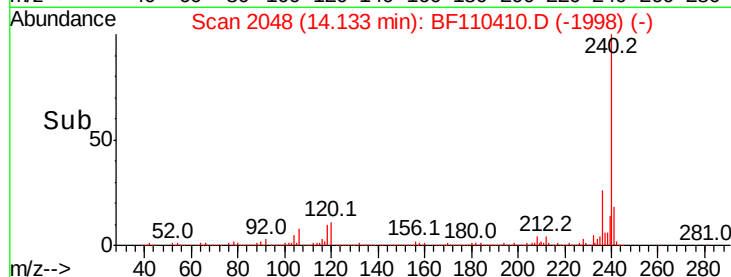
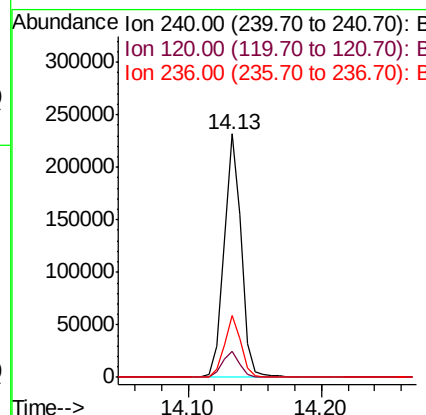
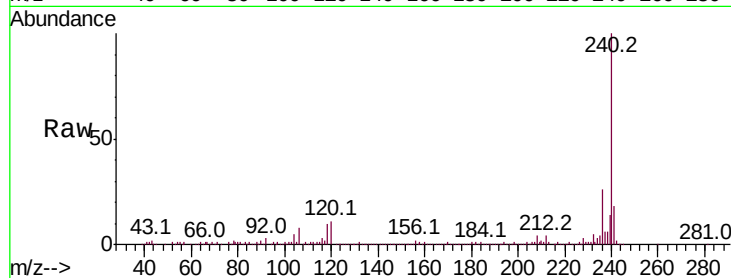
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.5	21.2	31.8

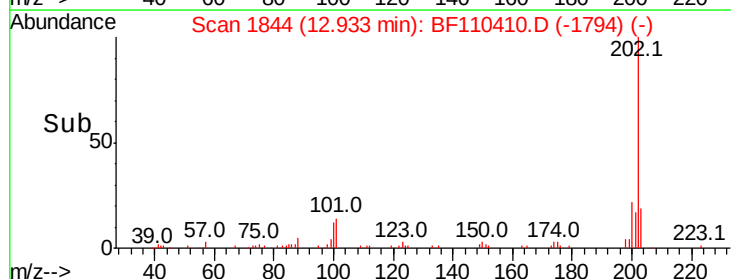
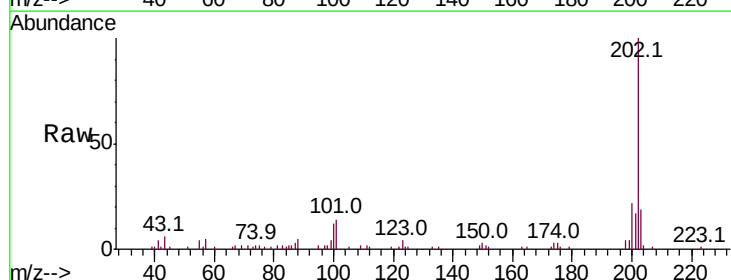
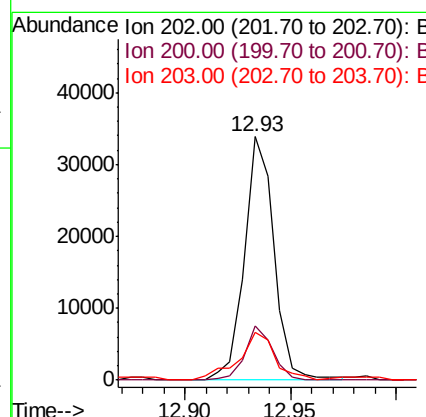
Manual Integrations
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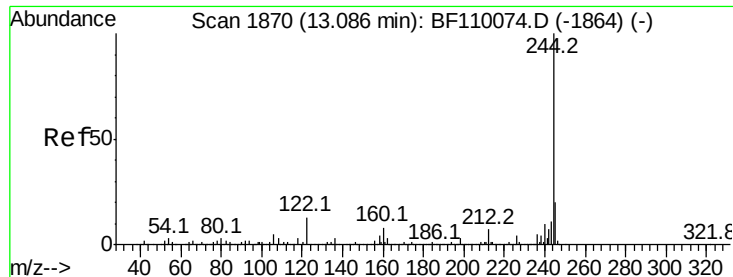
Sohil
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#78
Pyrene
Concen: 2.183 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110410.D
Acq: 2 Nov 2018 14:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	19.4	14.2	21.4





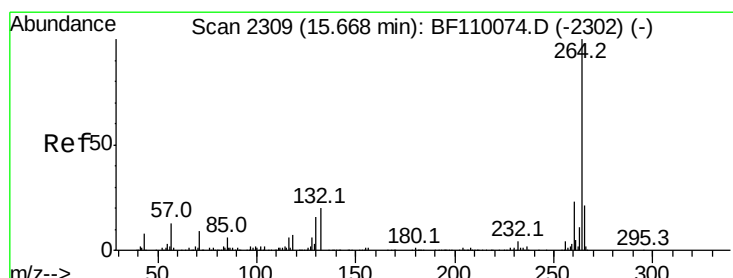
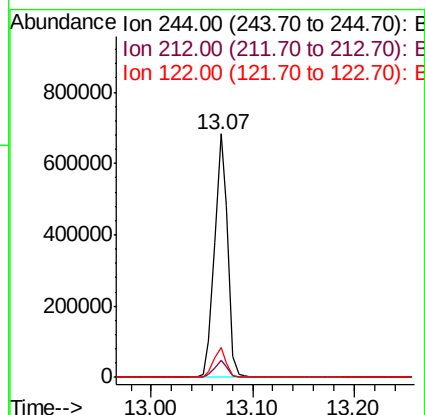
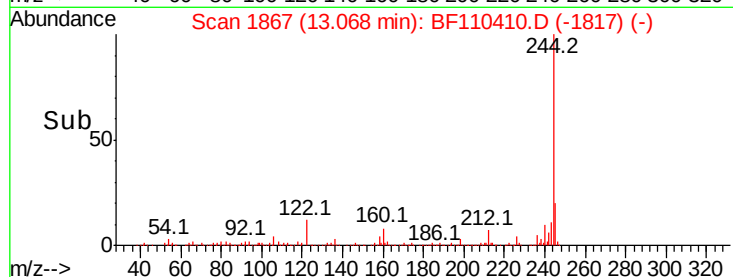
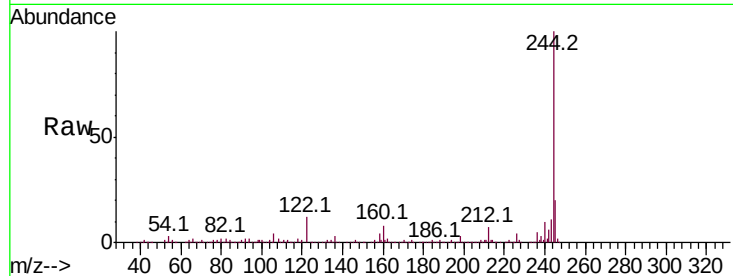
#79
 Terphenyl-d14
 Concen: 60.359 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110410.D
 Acq: 2 Nov 2018 14:23

Instrument :
 BNA_F
 ClientSampled :
 TP-11-S

Tot Ion:	244	Resp:	610485
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	12.4	8.7	13.1

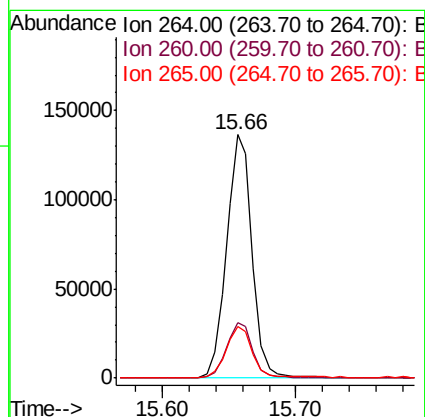
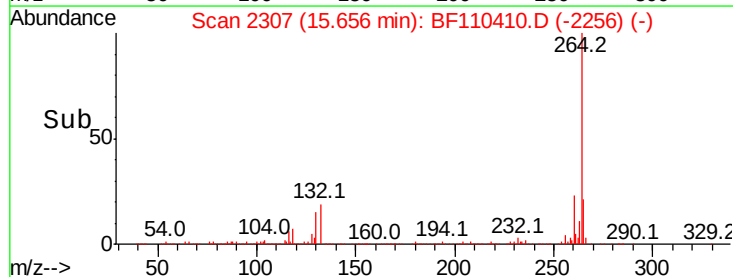
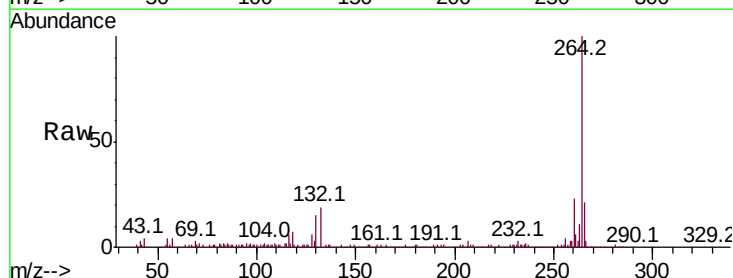
Manual Integrations
 APPROVED

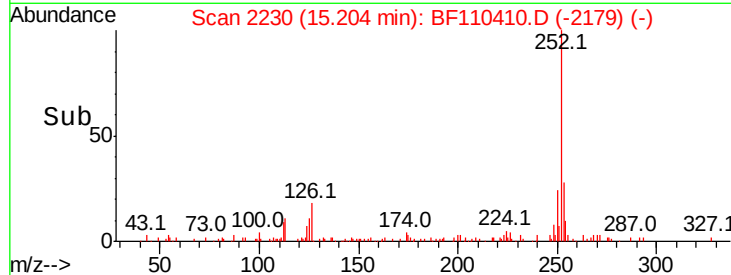
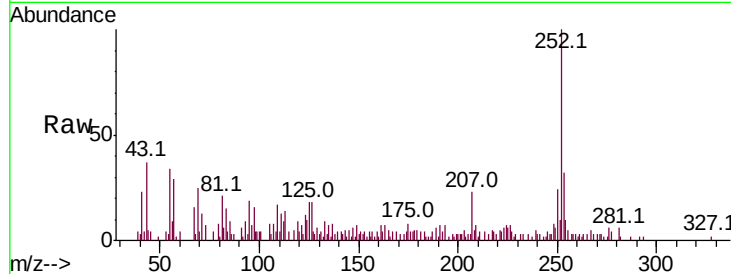
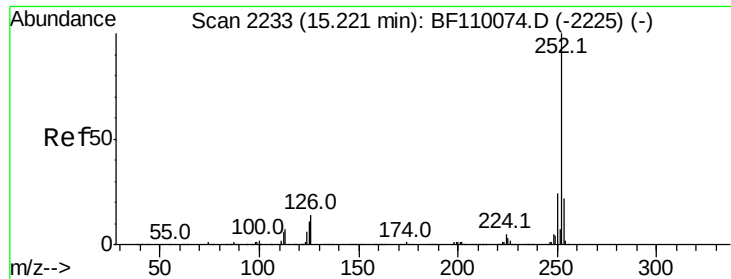
Sohil
 11/5/2018 10:32:39 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110410.D
 Acq: 2 Nov 2018 14:23

Tgt Ion:	264	Resp:	182876
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.7	28.1
265	21.1	16.7	25.1





#88

Benzo(b)fluoranthene

Concen: 2.289 ng m

RT: 15.20 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF110410.D

Acq: 2 Nov 2018 14:23

Instrument :

BNA_F

ClientSampleId :

TP-11-S

Tot Ion:	252	Resp:	24171
Ion Ratio	Lower	Upper	
252	100		
253	32.4	17.2	25.8#
125	17.6	8.2	12.4#

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:39 AM

