

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110389.D
 Acq On : 2 Nov 2018 4:08
 Operator : JU/SJ
 Sample : J5747-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-9D

Manual Integrations
 APPROVED

Sohil
 11/2/2018 2:48:53 PM

Quant Time: Nov 02 08:41:39 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	59860	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	206489	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	79655	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	161082	20.00	ng	0.00
76) Chrysene-d12	14.13	240	185157	20.00	ng	0.00
87) Perylene-d12	15.66	264	142121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	335777	91.35	ng	0.00
7) Phenol-d6	6.57	99	392699	83.52	ng	0.00
23) Nitrobenzene-d5	7.52	82	233487	67.07	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	75946	96.25	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	379071	74.73	ng	0.00
79) Terphenyl-d14	13.07	244	452939	50.87	ng	0.00
Target Compounds						
10) Phenol	6.59	94	26435	5.260	ng	Qvalue # 73
50) Dimethylphthalate	9.70	163	42479	7.224	ng	98
75) Fluoranthene	12.70	202	32417	3.790	ng	99
78) Pyrene	12.93	202	42606	3.210	ng	97
88) Benzo(b)fluoranthene	15.20	252	22204m	2.706	ng	
90) Benzo(a)pyrene	15.59	252	17895	2.370	ng	98

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

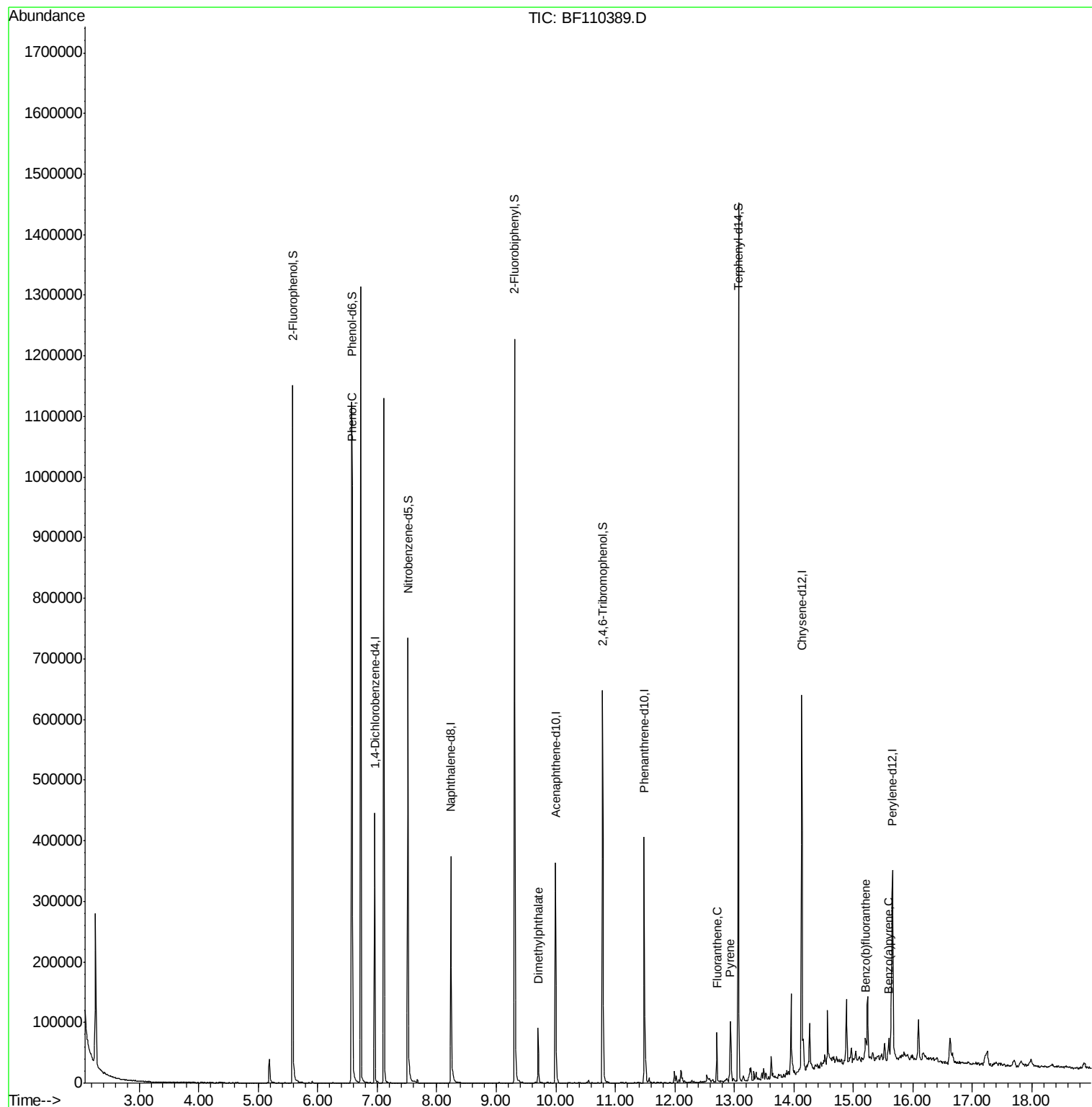
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
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#1

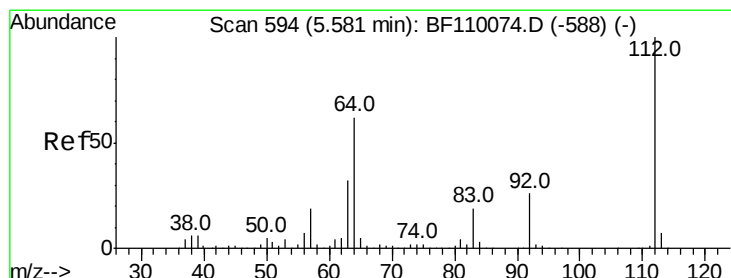
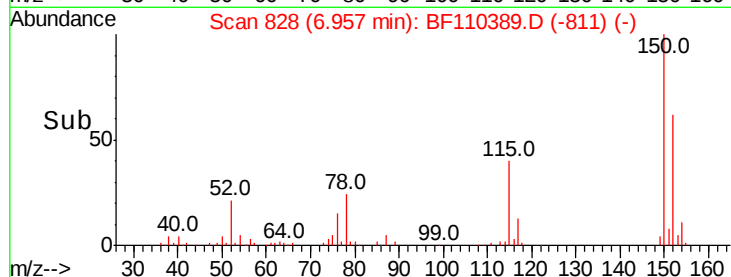
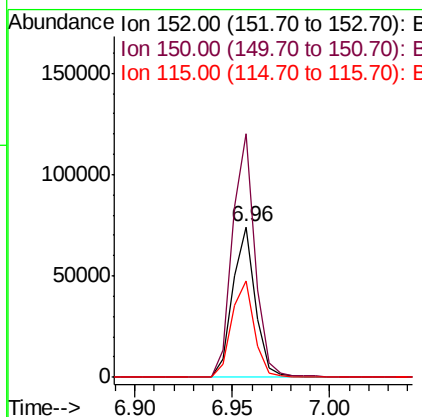
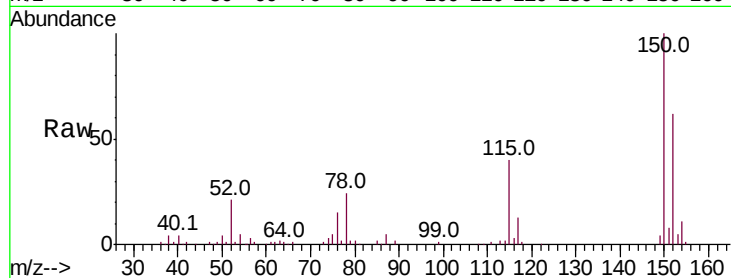
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampled :
S-9D

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	122.7	184.1
115	63.9	49.1	73.7

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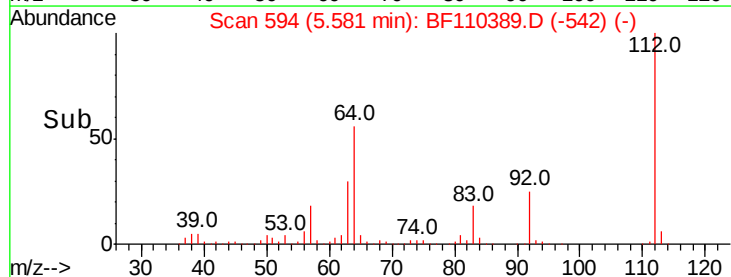
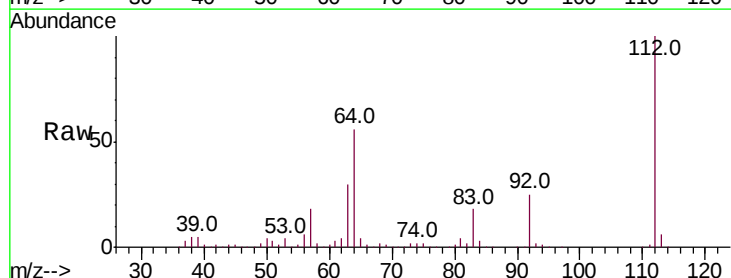
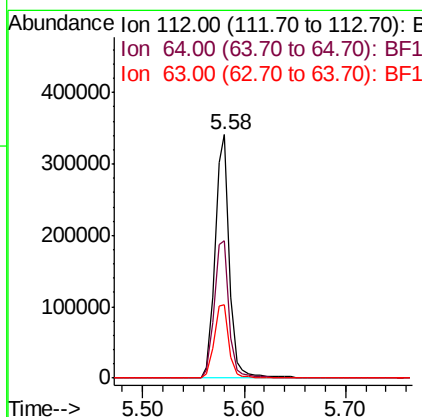
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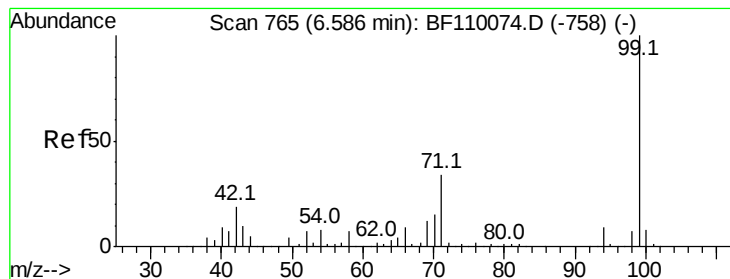


#5

2-Fluorophenol
Concen: 91.346 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.1	66.1
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 83.522 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Instrument :

BNA_F

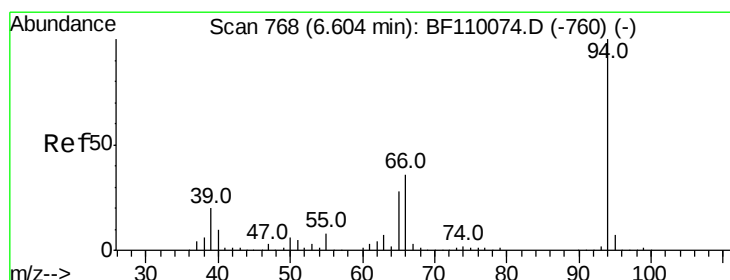
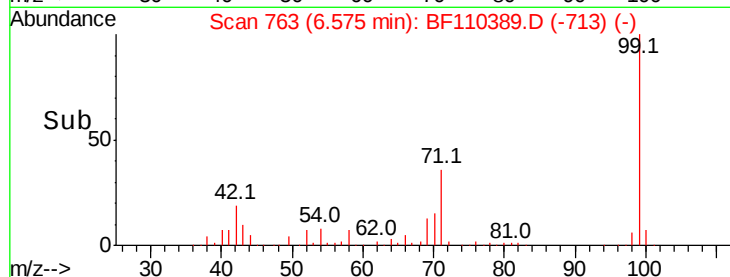
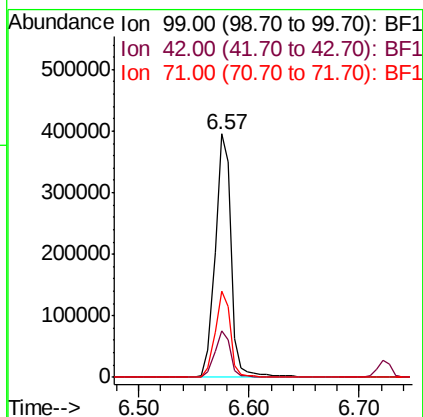
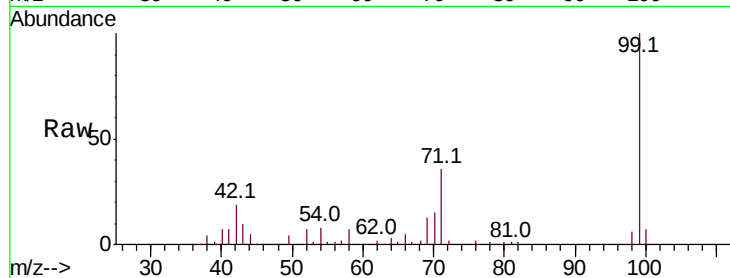
ClientSampled :

S-9D

Tot Ion:	99	Resp:	392699
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.8	23.6
71	35.6	28.0	42.0

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#10

Phenol

Concen: 5.260 ng

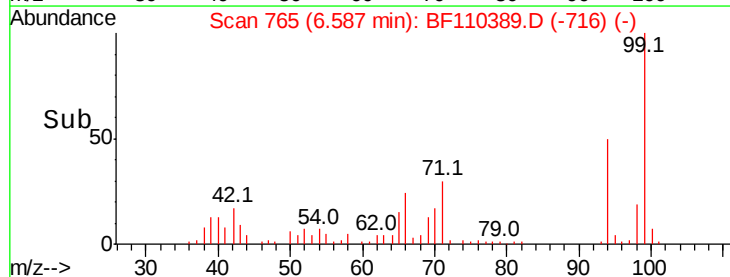
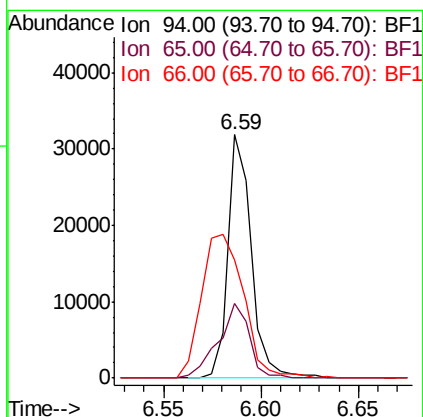
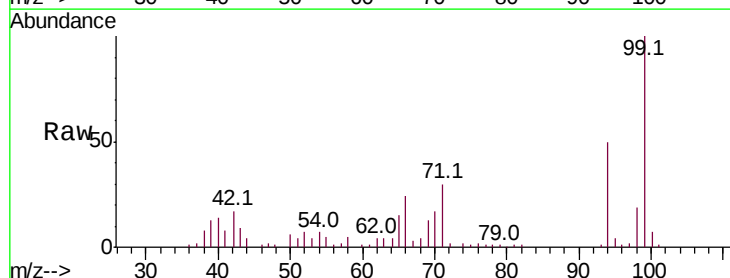
RT: 6.59 min Scan# 765

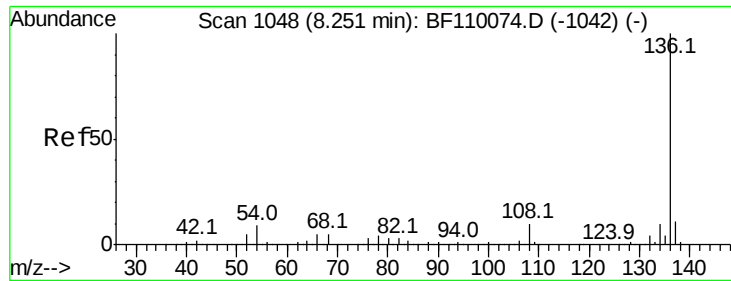
Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Tgt Ion:	94	Resp:	26435
Ion Ratio	Lower	Upper	
94	100		
65	30.6	25.3	65.3
66	48.7	54.5	94.5#





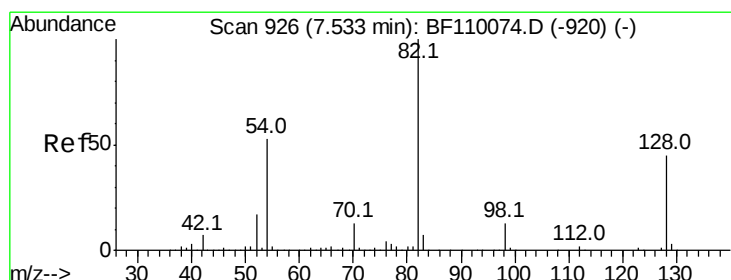
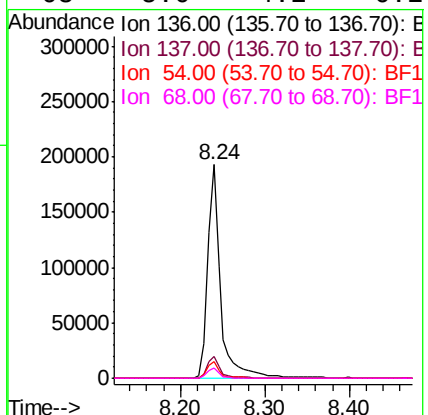
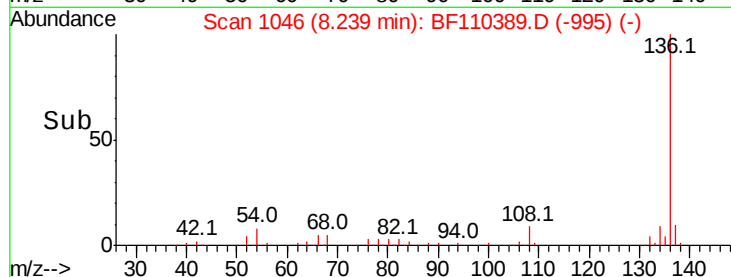
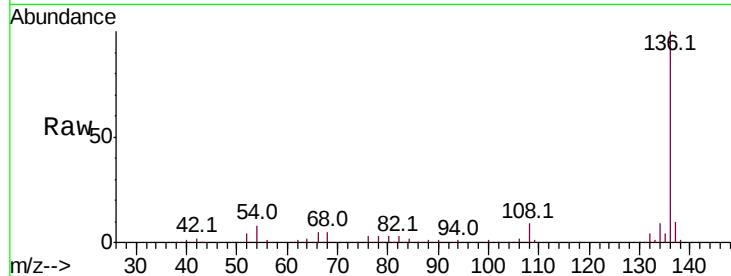
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampleId :
S-9D

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.9	5.4	8.2
68	5.0	4.2	6.2

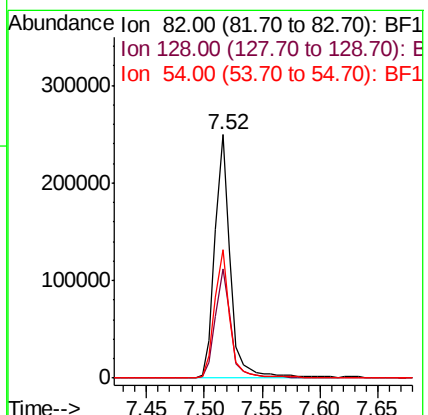
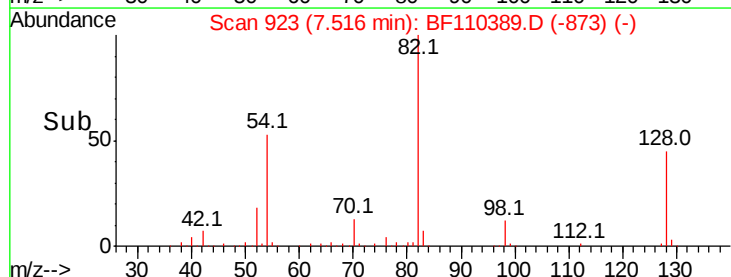
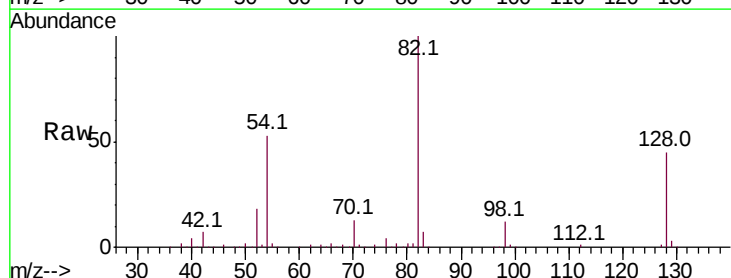
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#23
Nitrobenzene-d5
Concen: 67.068 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.8	34.2	51.2
54	52.7	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: BF110389.D

Acq: 2 Nov 2018 4:08

Instrument :

BNA_F

ClientSampled :

S-9D

Tot Ion:164 Resp: 79655

Ion Ratio Lower Upper

164 100

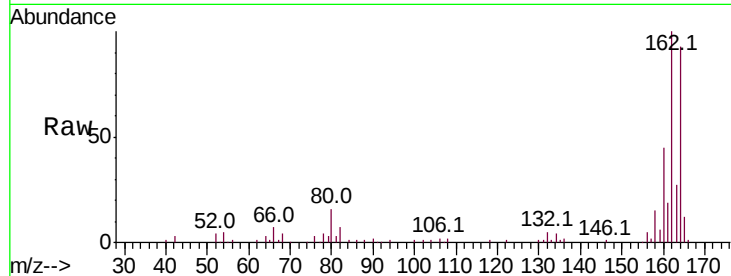
162 107.7 83.0 124.6

160 48.7 37.0 55.6

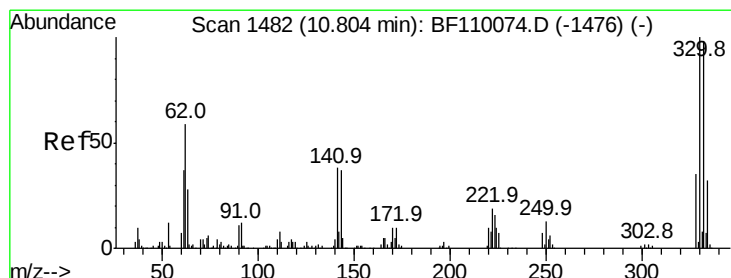
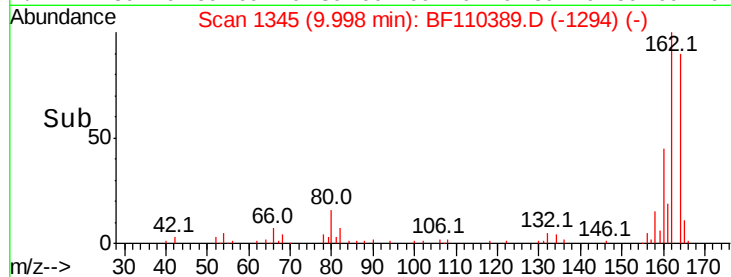
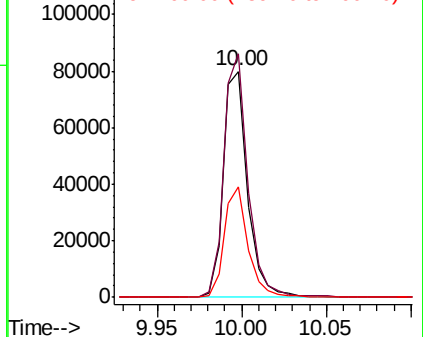
Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 96.252 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

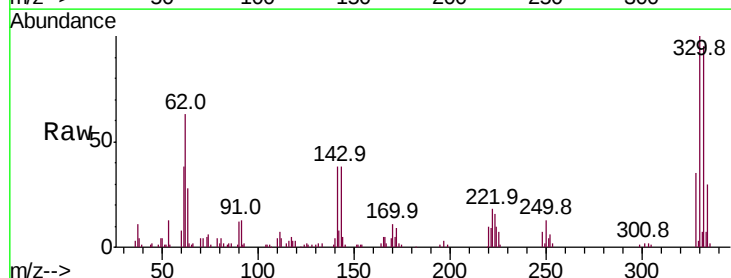
Tgt Ion:330 Resp: 75946

Ion Ratio Lower Upper

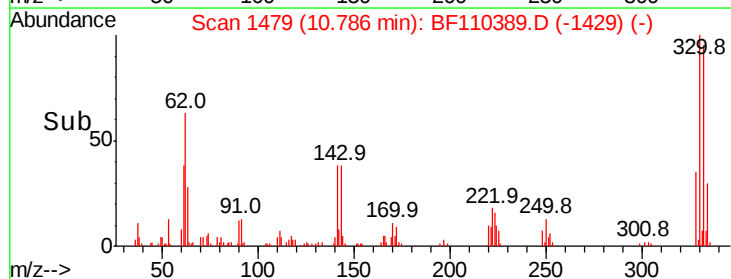
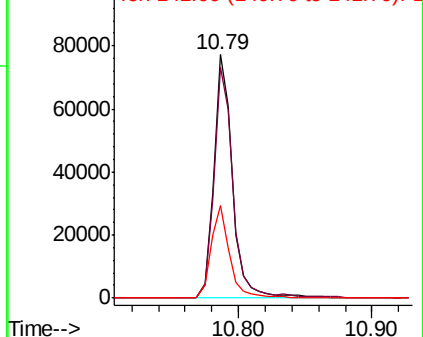
330 100

332 96.9 77.1 115.7

141 37.4 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





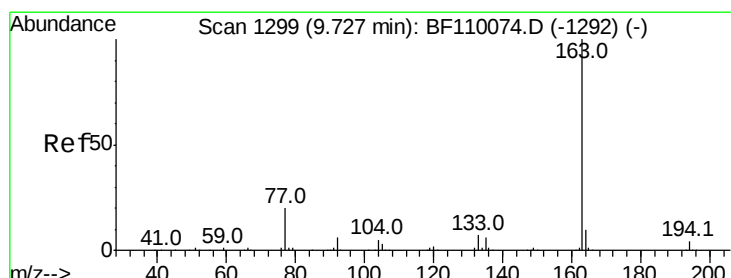
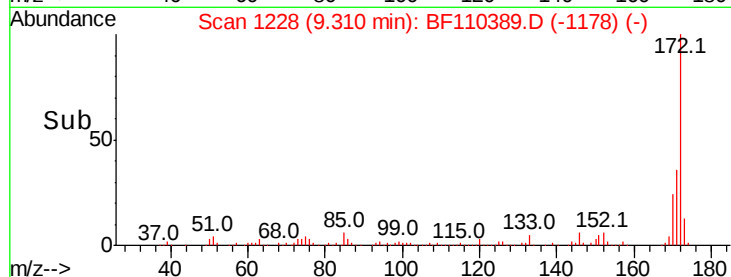
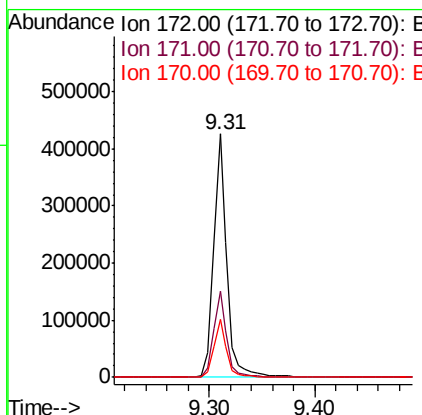
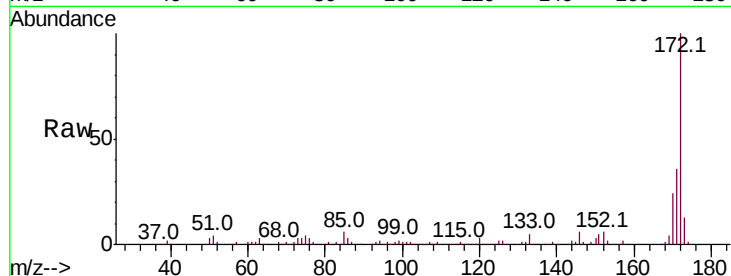
#45
2-Fluorobiphenyl
Concen: 74.727 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampled :
S-9D

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.7	29.5

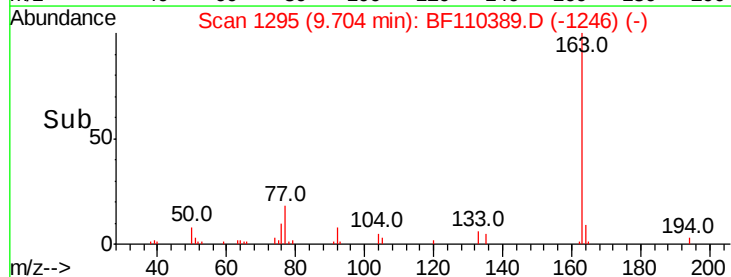
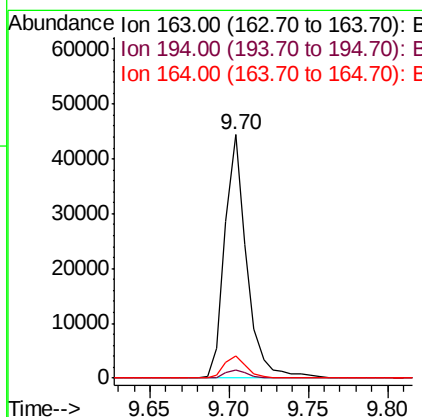
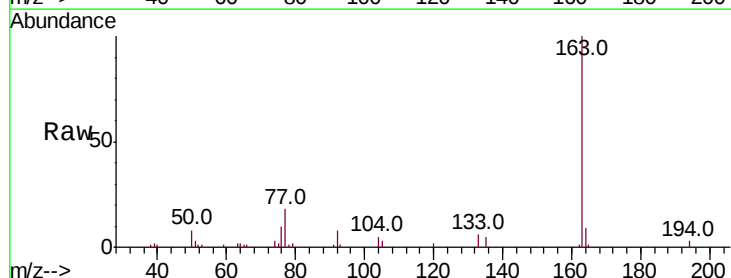
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#50
Dimethylphthalate
Concen: 7.224 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.2	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Instrument :

BNA_F

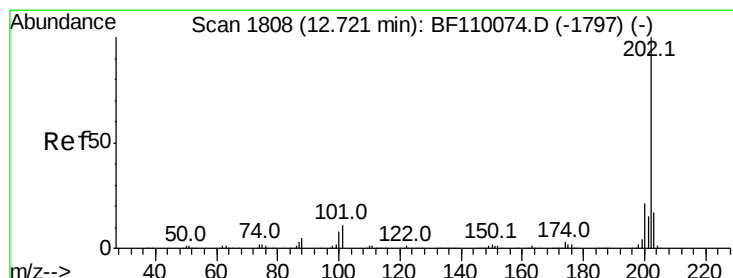
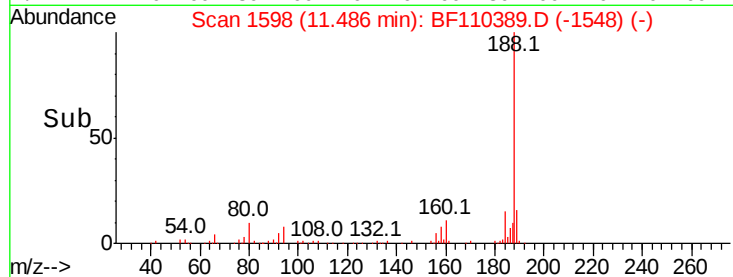
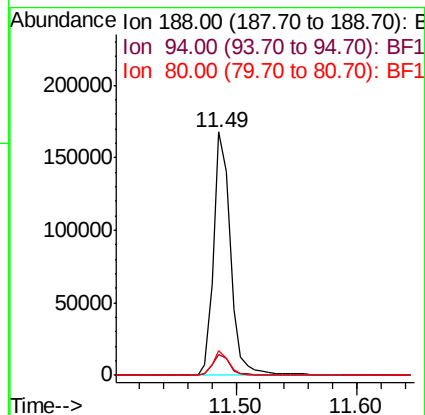
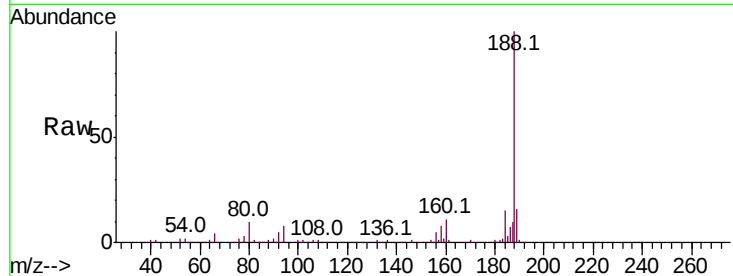
ClientSampled :

S-9D

Tot Ion:	188	Resp:	161082
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.2	10.8
80	10.2	7.9	11.9

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#75

Fluoranthene

Concen: 3.790 ng

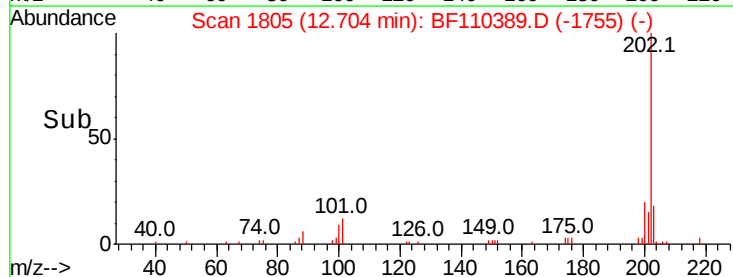
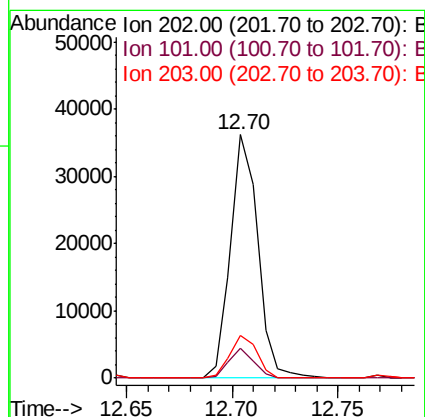
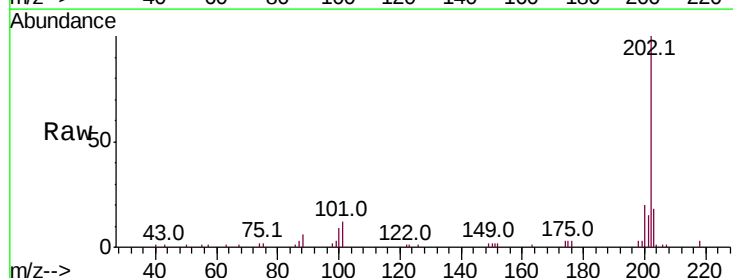
RT: 12.70 min Scan# 1805

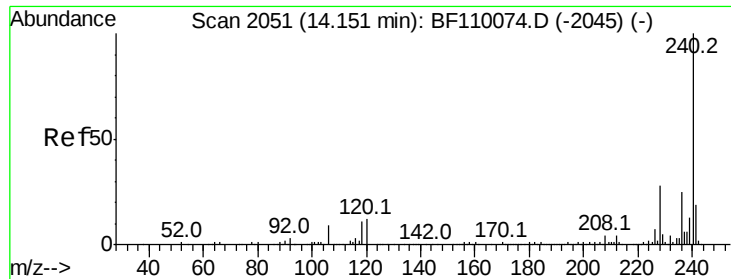
Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Tgt Ion:	202	Resp:	32417
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.4
203	17.8	0.0	37.7





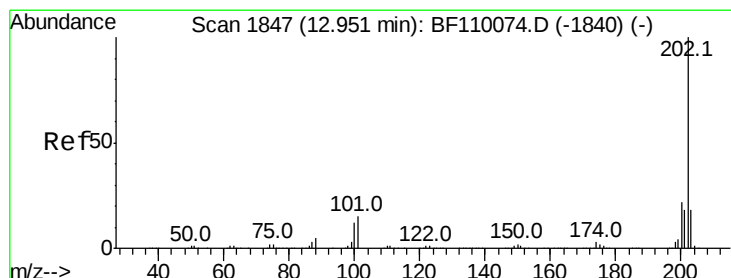
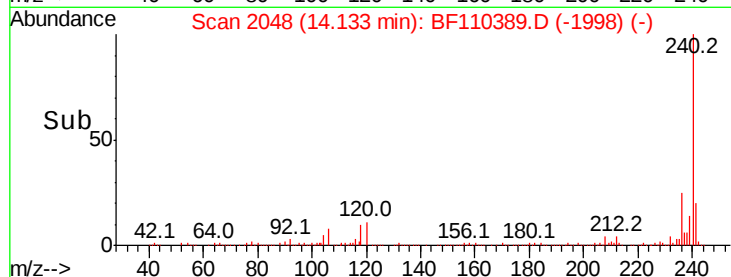
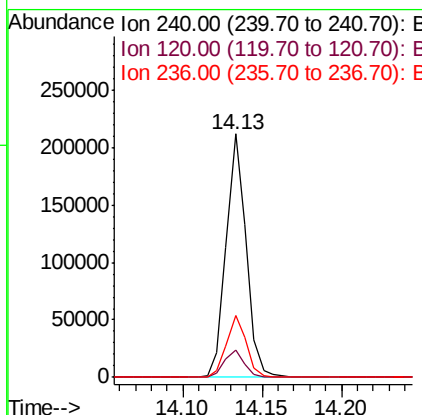
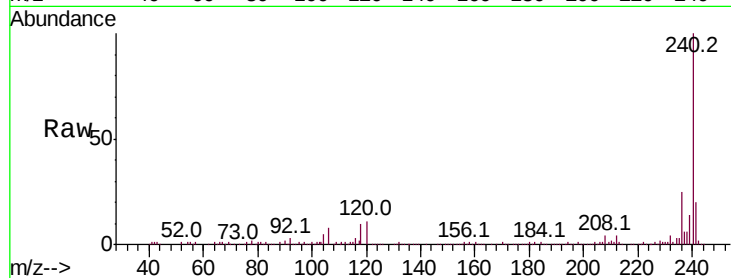
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampled :
S-9D

Tot Ion	Ratio	Resp	Lower	Upper
240	100	185157		
120	11.1	8.3	12.5	
236	25.2	21.2	31.8	

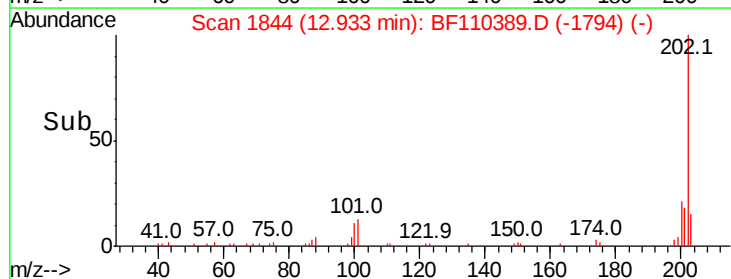
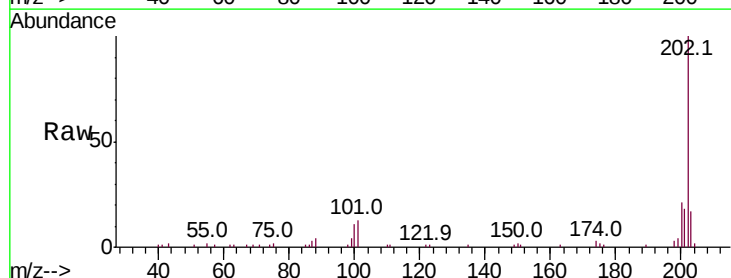
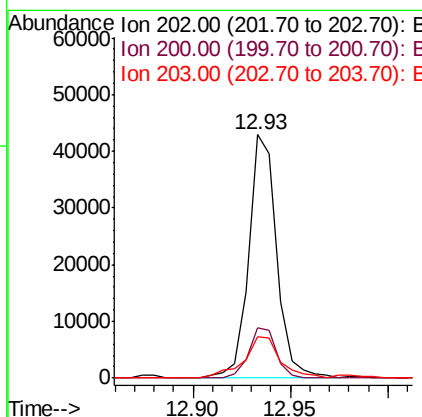
Manual Integrations
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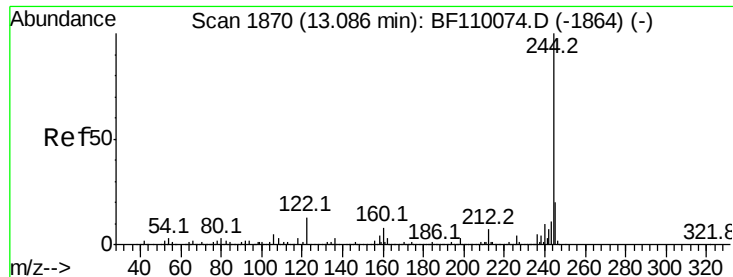
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#78
Pyrene
Concen: 3.210 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42606		
200	20.8	17.8	26.6	
203	16.9	14.2	21.4	





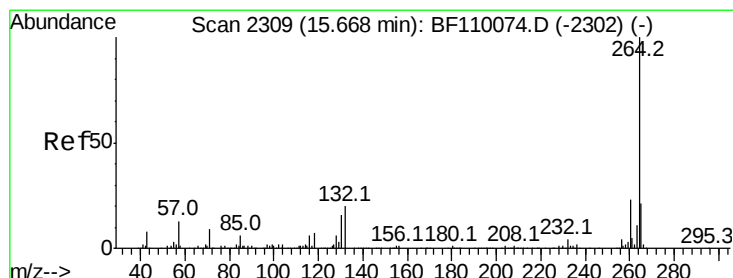
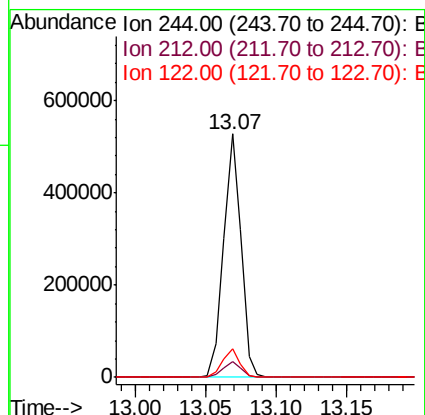
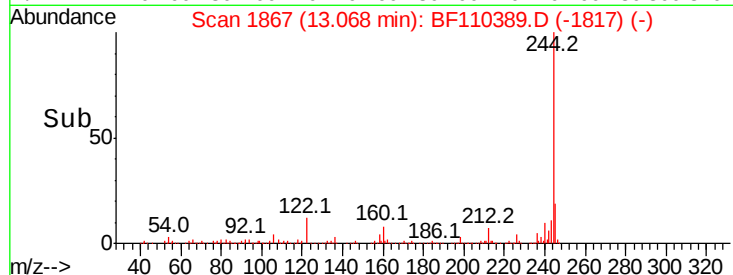
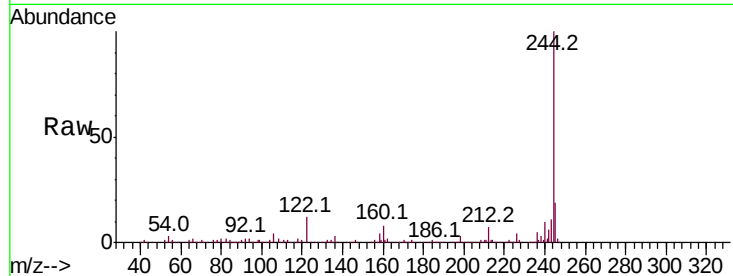
#79
 Terphenyl-d14
 Concen: 50.875 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110389.D
 Acq: 2 Nov 2018 4:08

Instrument :
 BNA_F
 ClientSampled :
 S-9D

Tot Ion:	244	Resp:	452939
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	11.9	8.7	13.1

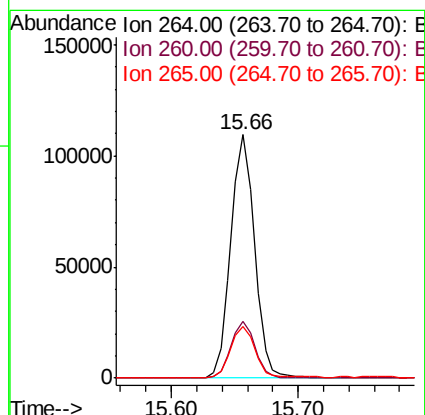
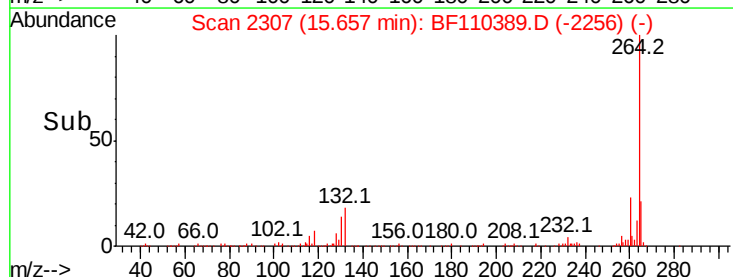
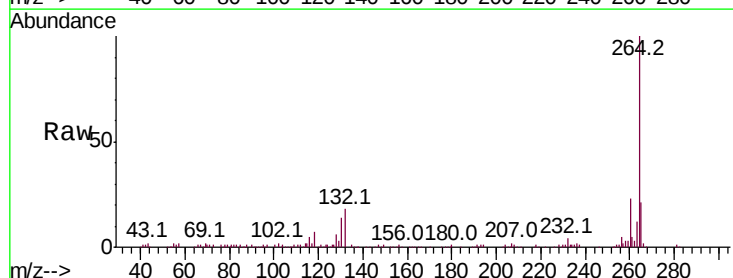
Manual Integrations
 APPROVED

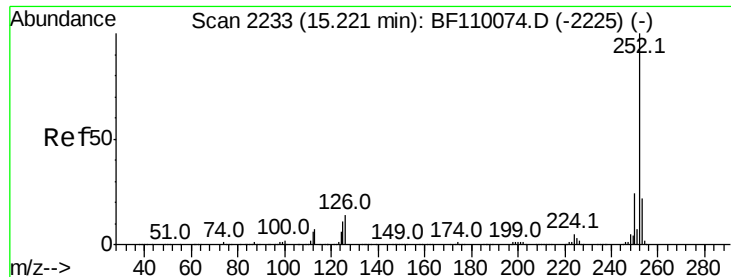
Sohil
 11/2/2018 2:48:53 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110389.D
 Acq: 2 Nov 2018 4:08

Tgt Ion:	264	Resp:	142121
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1





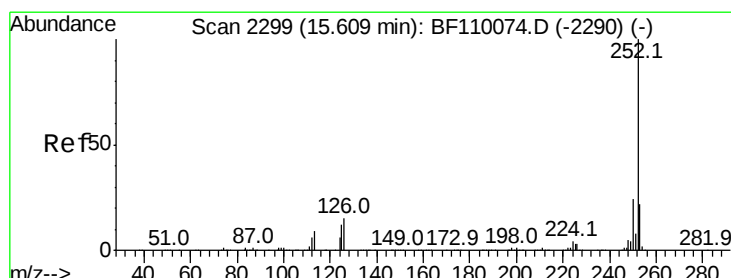
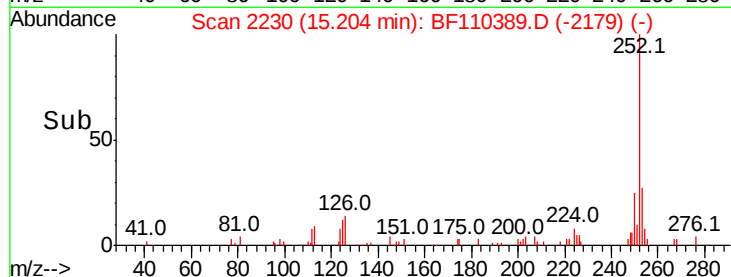
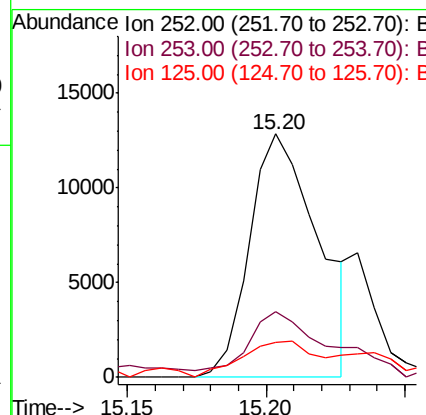
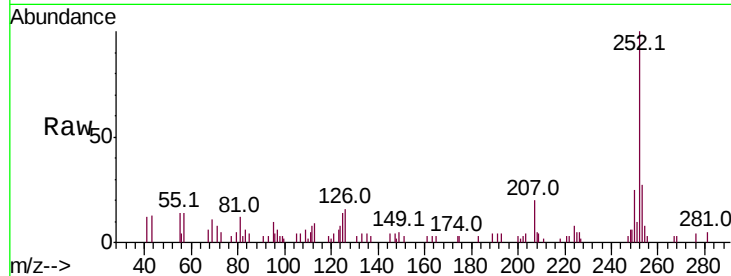
#88
Benzo(b)fluoranthene
Concen: 2.706 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampled :
S-9D

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	14.5	8.2	12.4#

Manual Integrations
APPROVED

Sohil
11/2/2018 2:48:53 PM



#90
Benzo(a)pyrene
Concen: 2.370 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	13.1	9.0	13.6

