

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110506.D
 Acq On : 6 Nov 2018 11:10
 Operator : JU/SJ
 Sample : J5813-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-B

Manual Integrations
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Quant Time: Nov 06 12:16:38 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	6.95	152	105648	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	425581	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	181278	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	272606	20.00	ng	0.00
76) Chrysene-d12	14.13	240	183322	20.00	ng	0.00
87) Perylene-d12	15.66	264	150257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	626864	96.62	ng	0.00
7) Phenol-d6	6.58	99	803038	96.77	ng	0.00
23) Nitrobenzene-d5	7.52	82	514097	71.65	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	144723	80.60	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	858722	74.38	ng	0.00
79) Terphenyl-d14	13.07	244	524154	59.46	ng	0.00
Target Compounds						
10) Phenol	6.59	94	52509	5.920	ng	Qvalue # 66
50) Dimethylphthalate	9.70	163	114990	8.593	ng	100
75) Fluoranthene	12.70	202	35391	2.445	ng	99
78) Pyrene	12.93	202	29780	2.266	ng	95
88) Benzo(b)fluoranthene	15.20	252	17493m	2.016	ng	

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

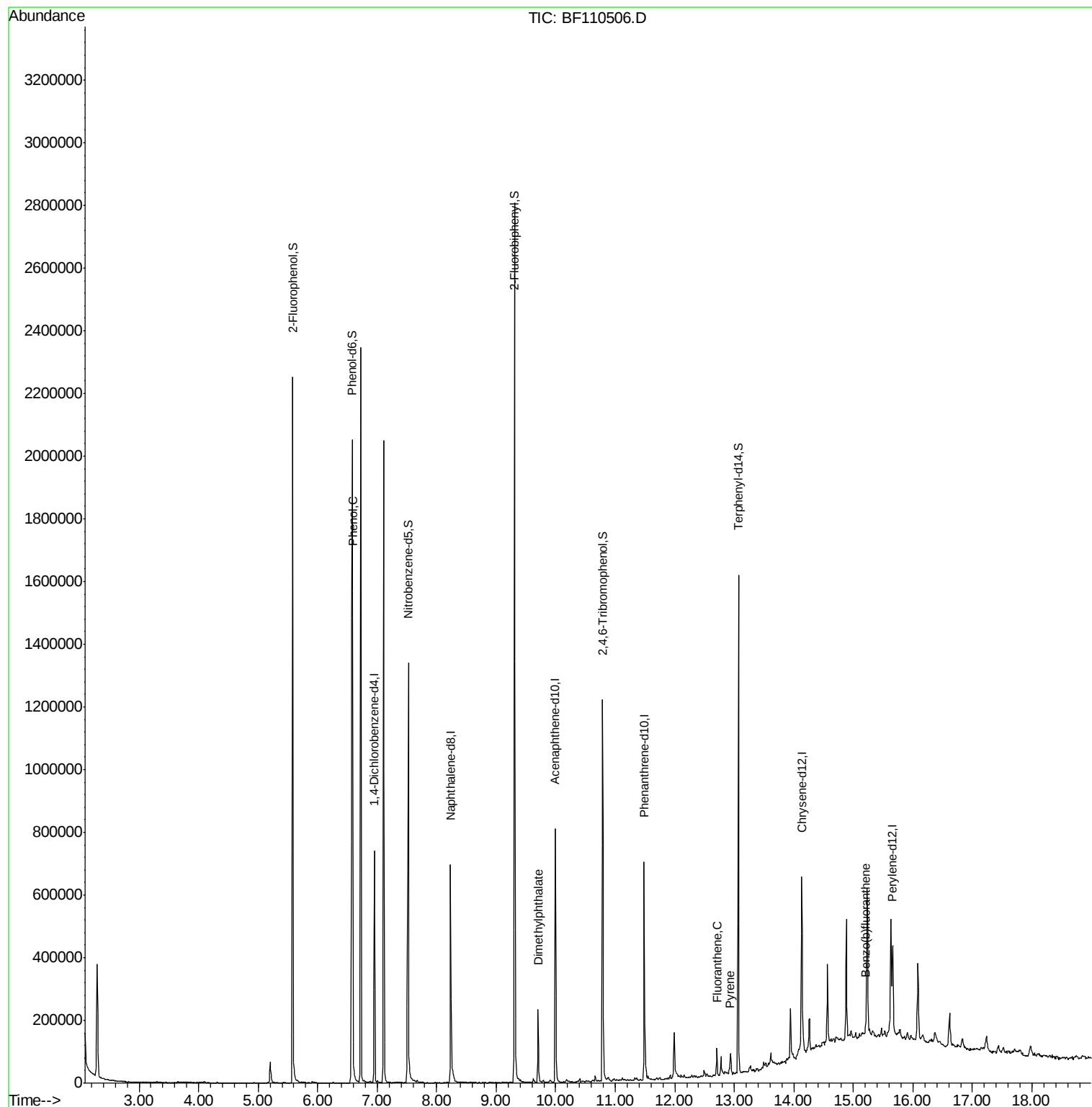
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110506.D
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#1

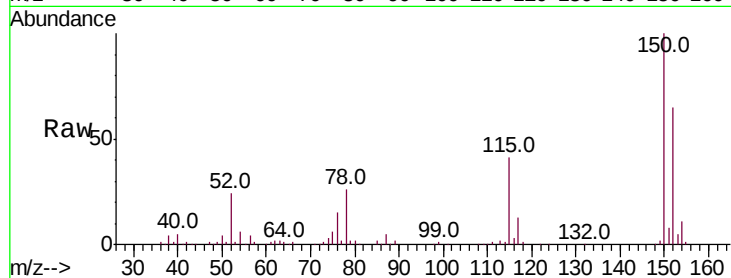
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampled :
TS-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.7	184.1
115	63.4	49.1	73.7

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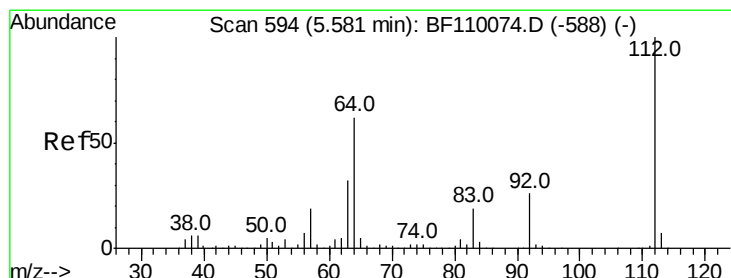
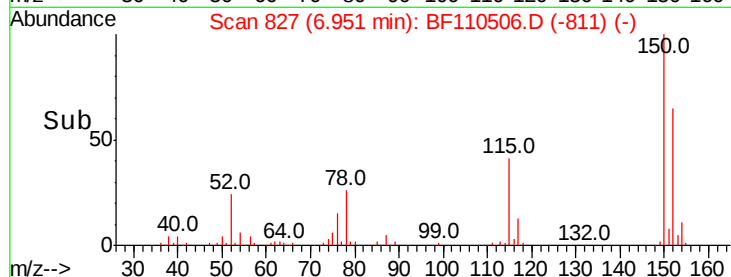
Abundance

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

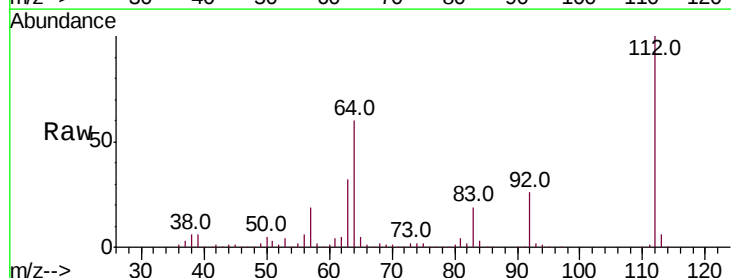
Time-->



#5

2-Fluorophenol
Concen: 96.624 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	44.1	66.1
63	31.9	23.7	35.5



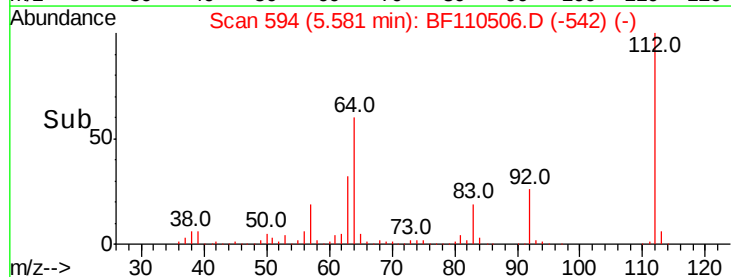
Abundance

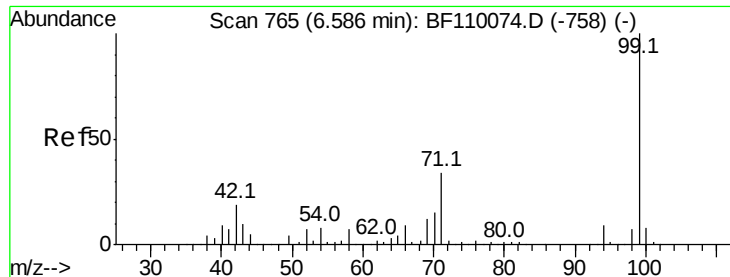
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 96.773 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110506.D

Acq: 6 Nov 2018 11:10

Instrument :

BNA_F

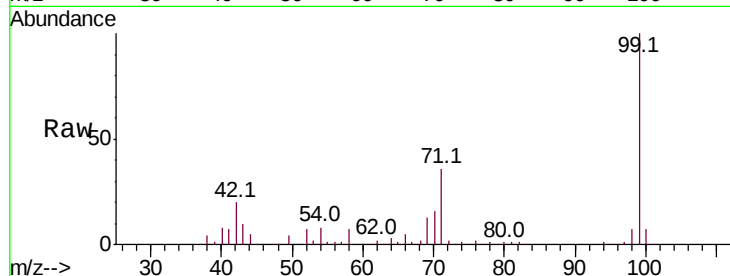
ClientSampled :

TS-B

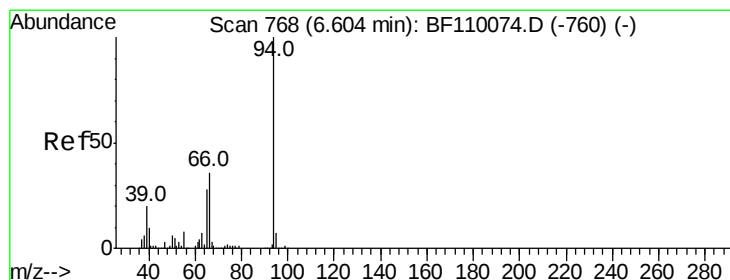
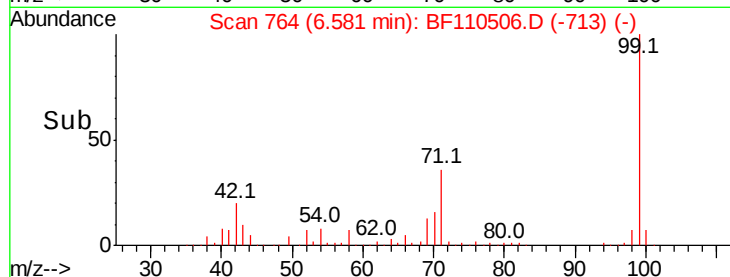
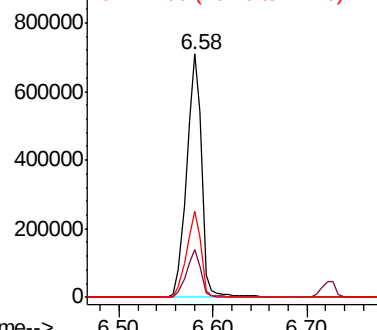
Tot Ion:	99	Resp:	803038
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.7	28.0	42.0

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: 5.920 ng

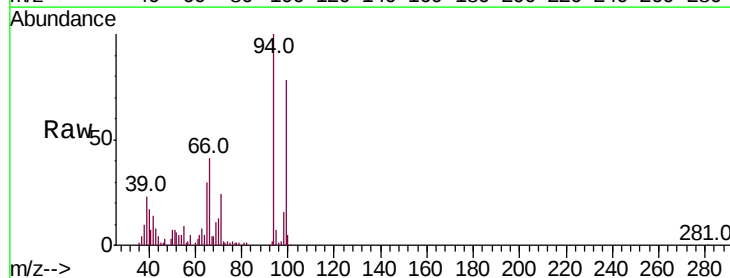
RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

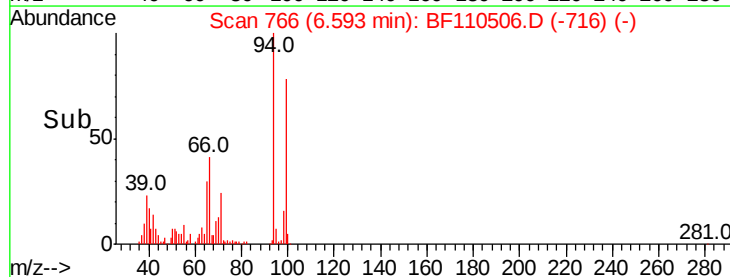
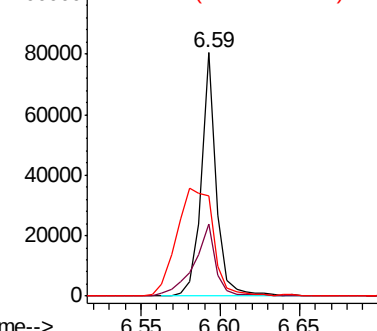
Lab File: BF110506.D

Acq: 6 Nov 2018 11:10

Tgt Ion:	94	Resp:	52509
Ion	Ratio	Lower	Upper
94	100		
65	29.7	25.3	65.3
66	40.9	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





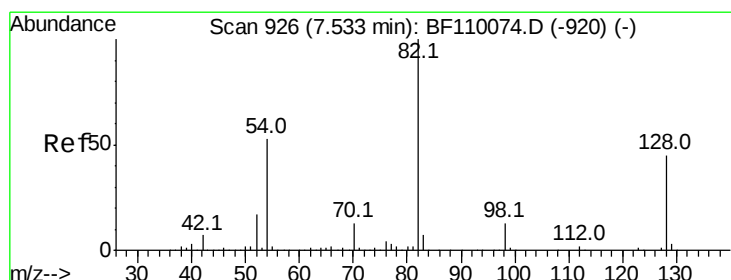
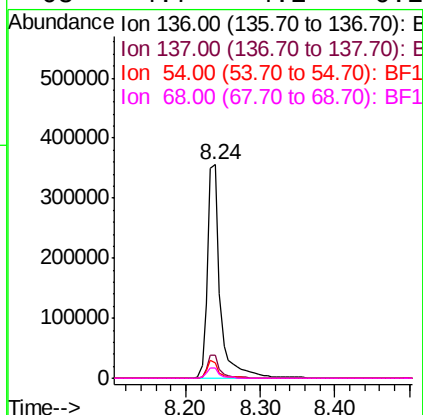
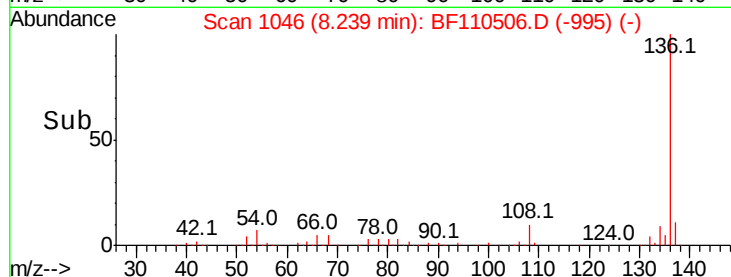
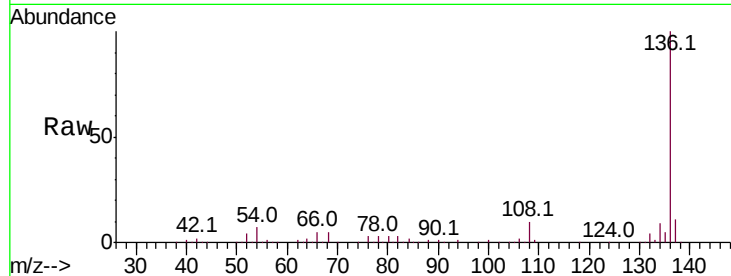
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampled :
TS-B

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.4	8.2
68	4.7	4.2	6.2

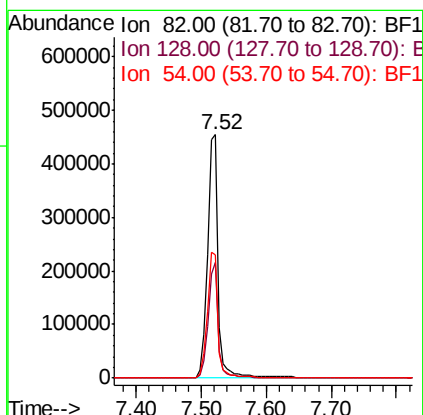
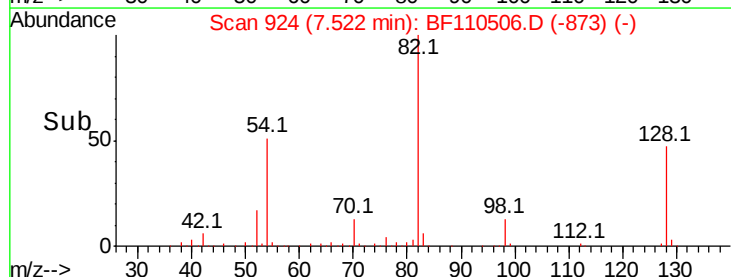
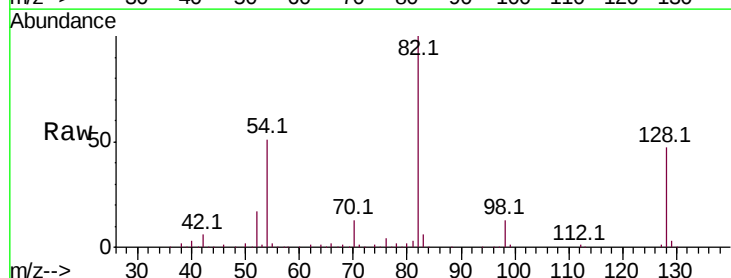
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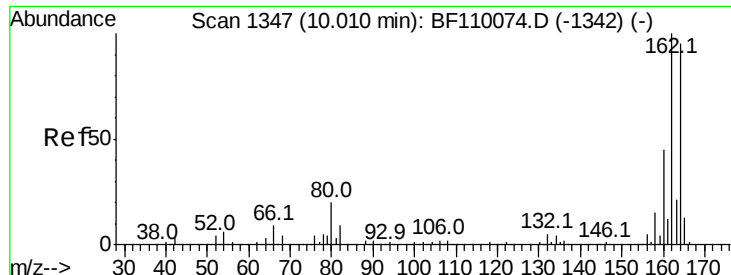
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#23
Nitrobenzene-d5
Concen: 71.650 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.2	51.2
54	50.6	38.6	58.0





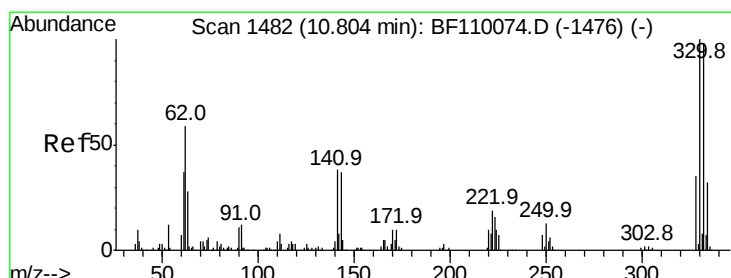
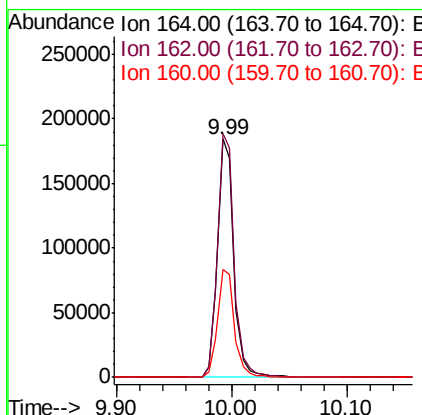
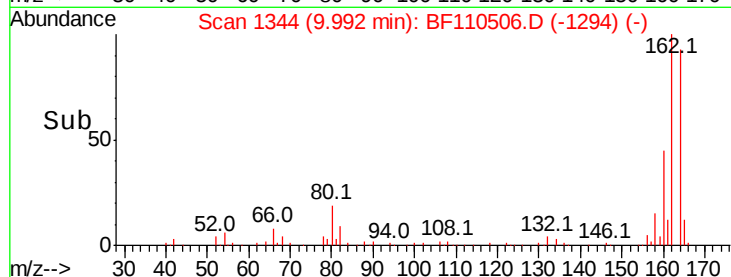
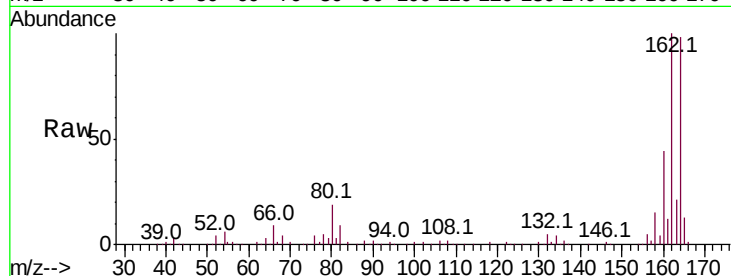
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampled :
TS-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	83.0	124.6	
160	45.4	37.0	55.6	

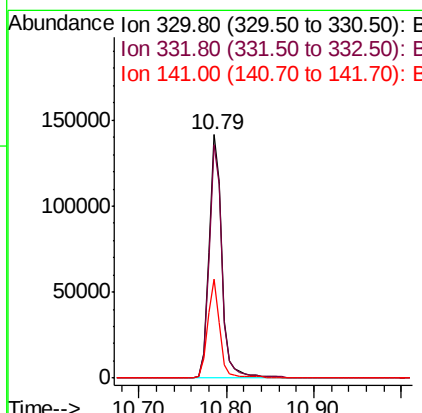
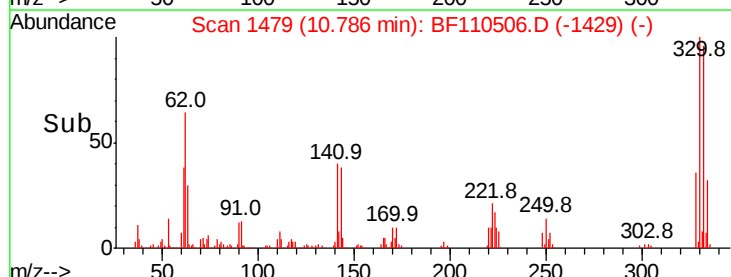
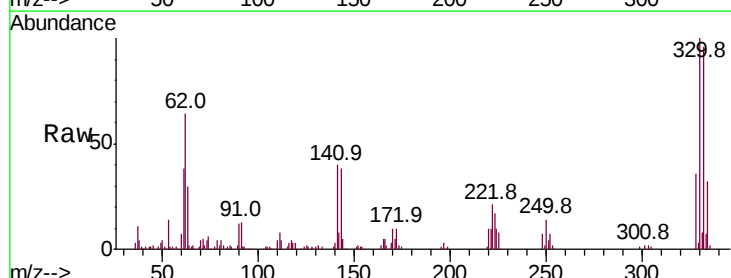
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#42
2,4,6-Tribromophenol
Concen: 80.595 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.1	115.7	
141	38.4	27.0	40.4	





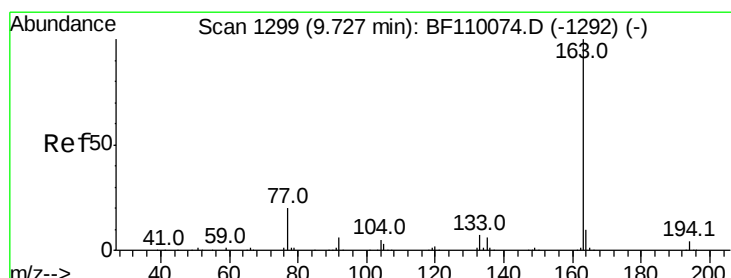
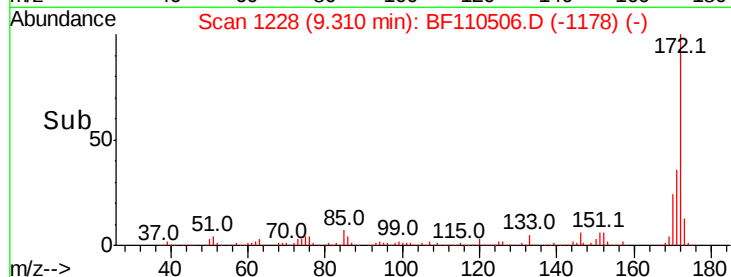
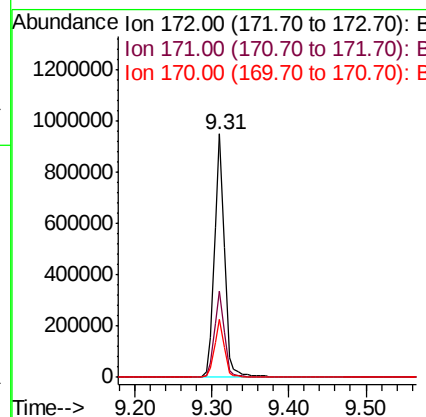
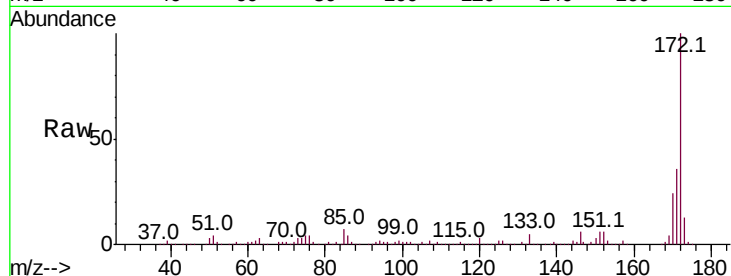
#45
2-Fluorobiphenyl
Concen: 74.384 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampleId :
TS-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.0	19.7	29.5

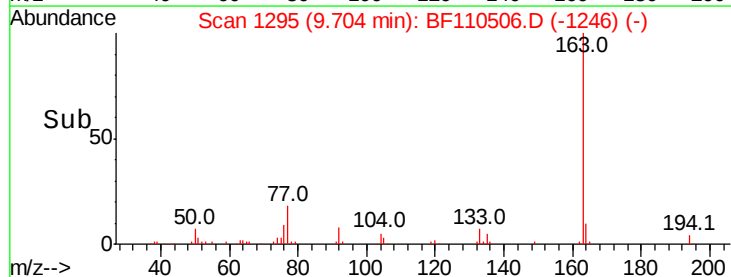
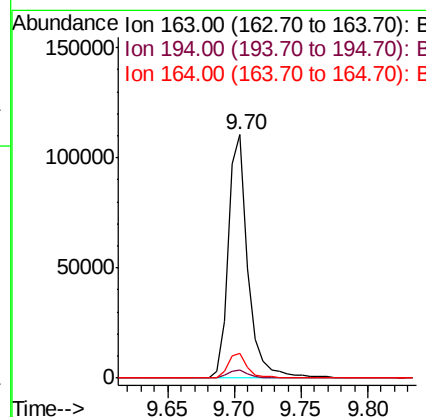
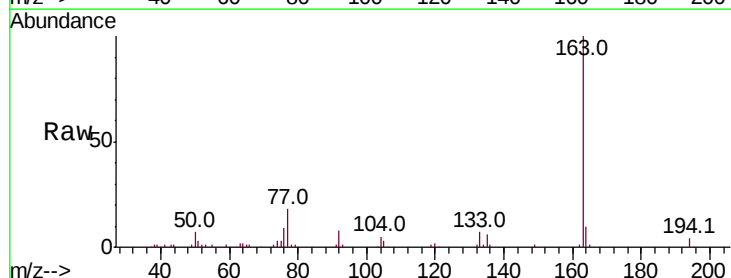
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#50
Dimethylphthalate
Concen: 8.593 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.1	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: BF110506.D

Acq: 6 Nov 2018 11:10

Instrument :

BNA_F

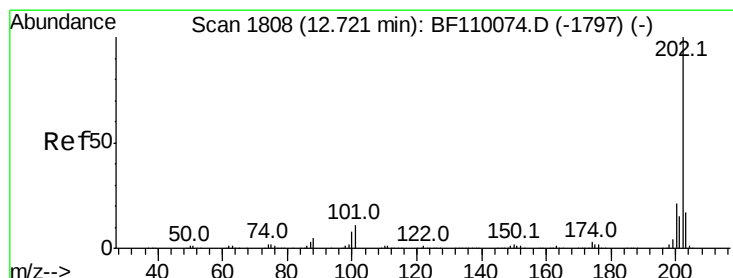
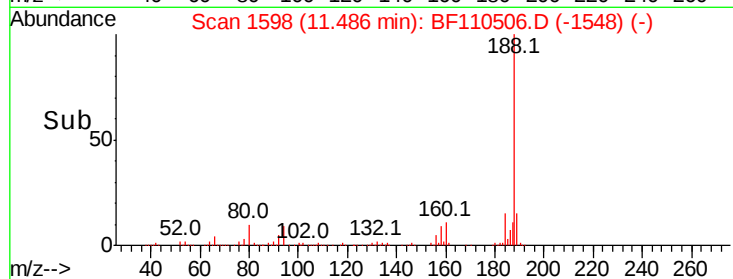
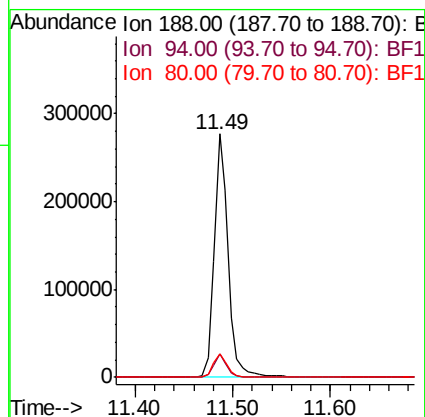
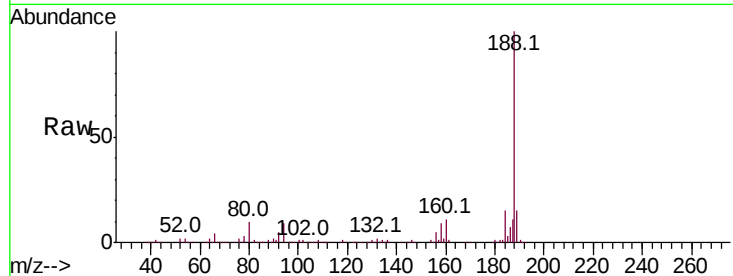
ClientSampled :

TS-B

Tot Ion:	188	Resp:	272606
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.2	10.8
80	9.5	7.9	11.9

Manual Integrations
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#75

Fluoranthene

Concen: 2.445 ng

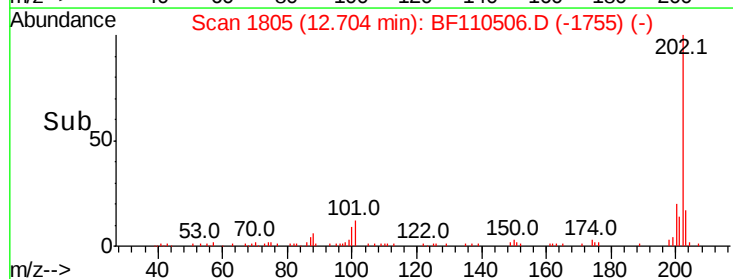
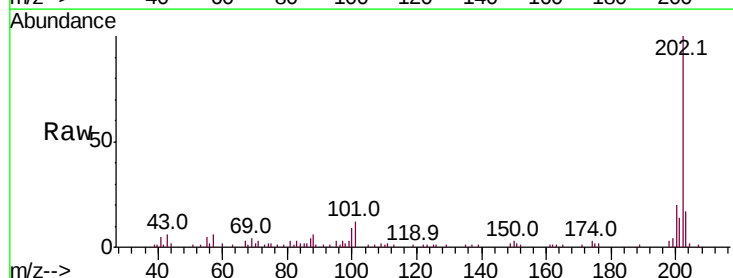
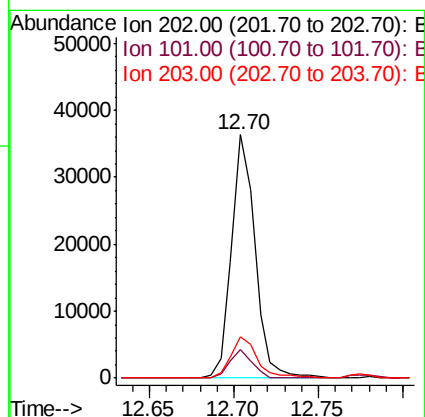
RT: 12.70 min Scan# 1805

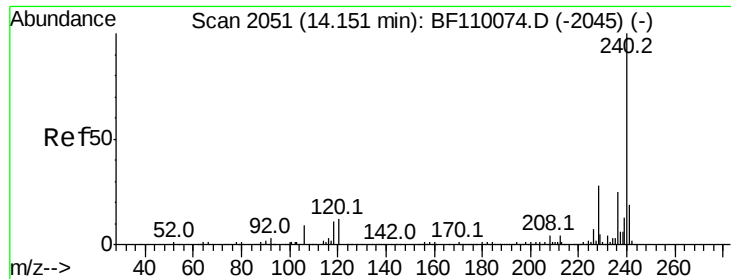
Delta R.T. -0.01 min

Lab File: BF110506.D

Acq: 6 Nov 2018 11:10

Tgt Ion:	202	Resp:	35391
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.4
203	17.1	0.0	37.7





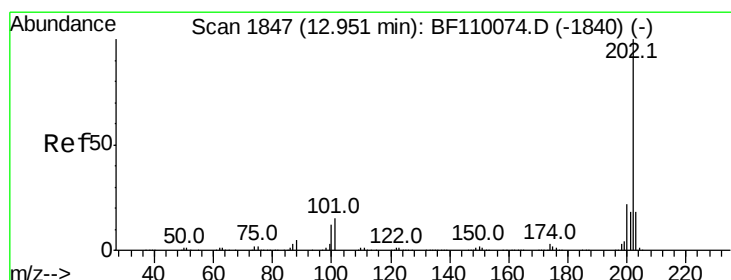
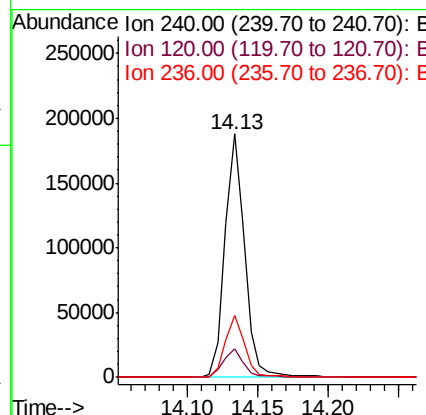
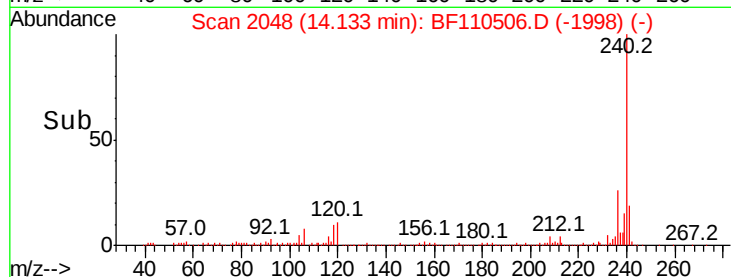
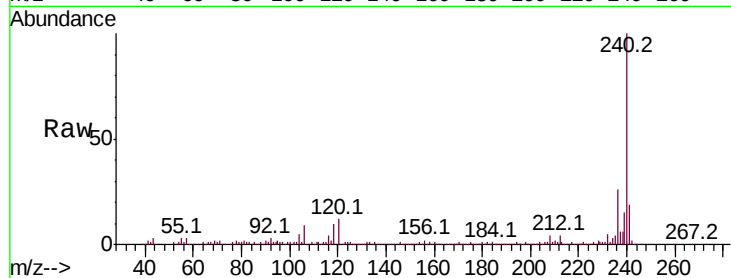
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampled :
TS-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.6	21.2	31.8

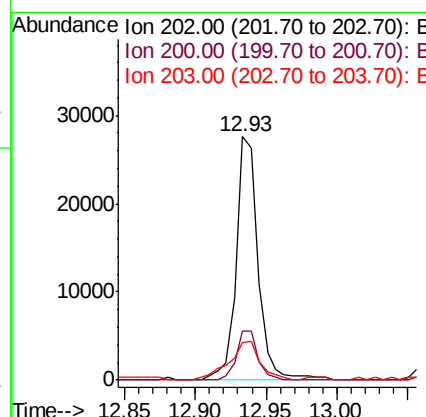
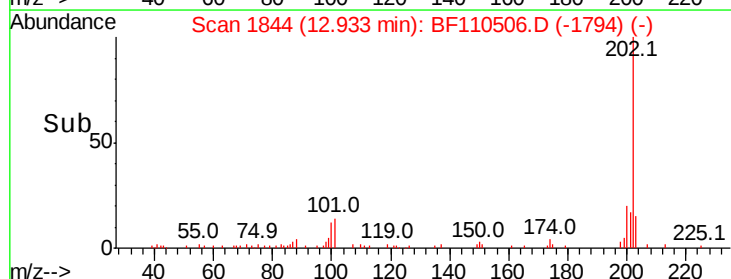
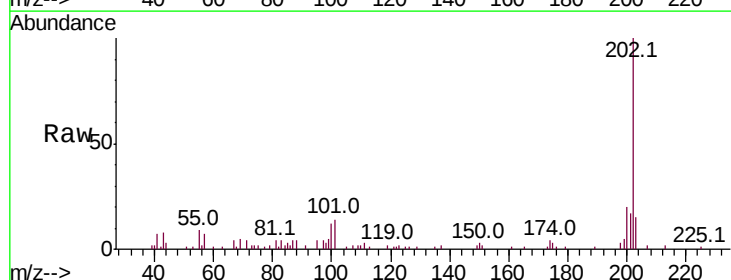
Manual Integrations
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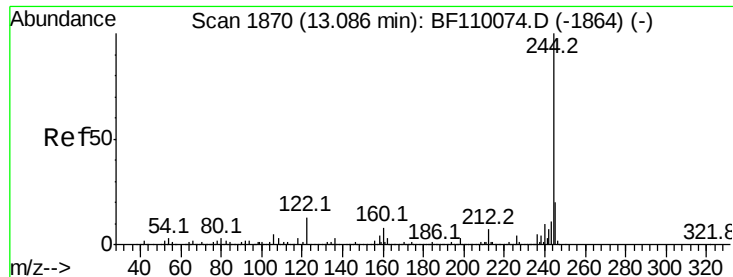
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#78
Pyrene
Concen: 2.266 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	15.3	14.2	21.4





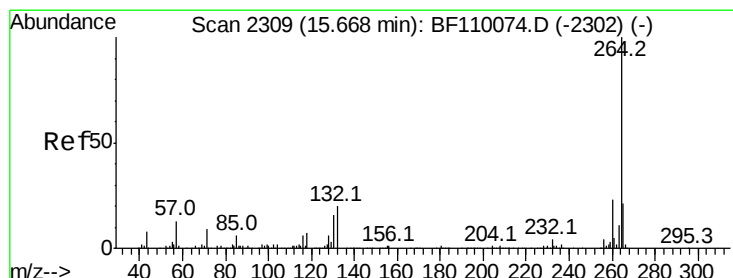
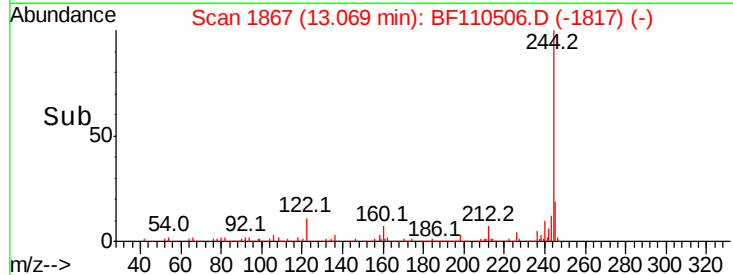
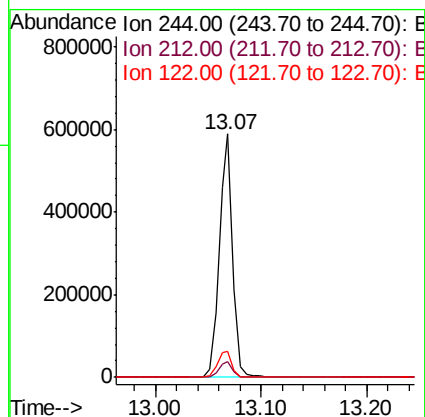
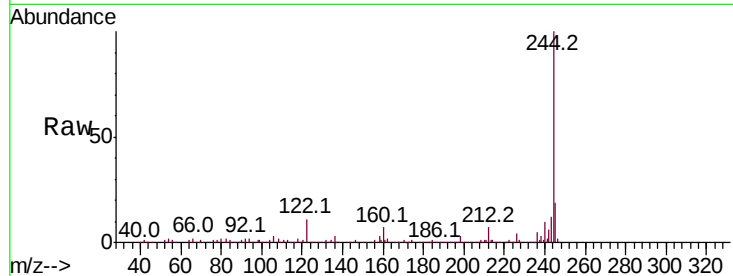
#79
 Terphenyl-d14
 Concen: 59.463 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110506.D
 Acq: 6 Nov 2018 11:10

Instrument :
 BNA_F
 ClientSampled :
 TS-B

Tot Ion:	244	Resp:	524154
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.9	8.7	13.1

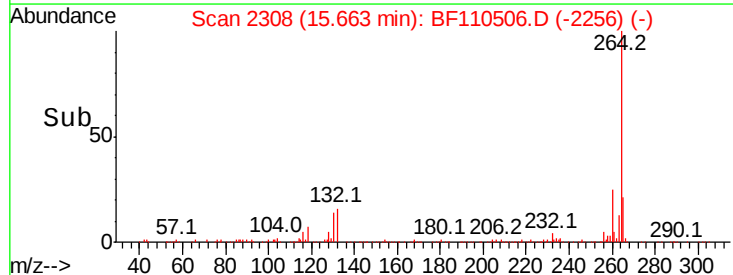
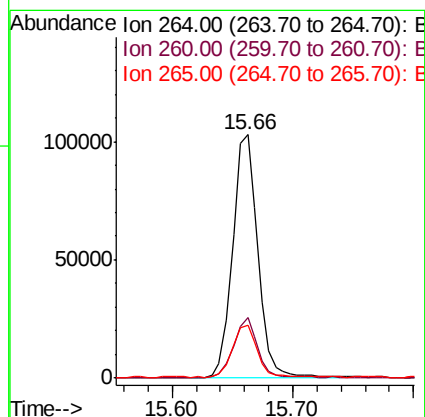
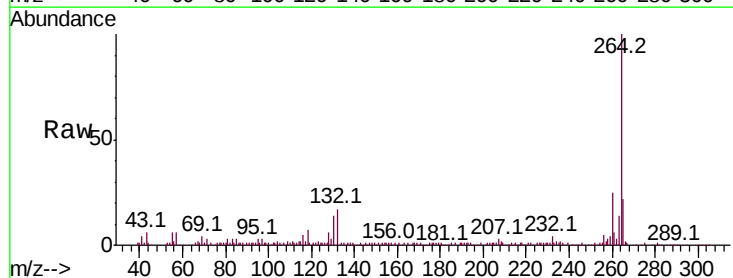
Manual Integrations
 APPROVED

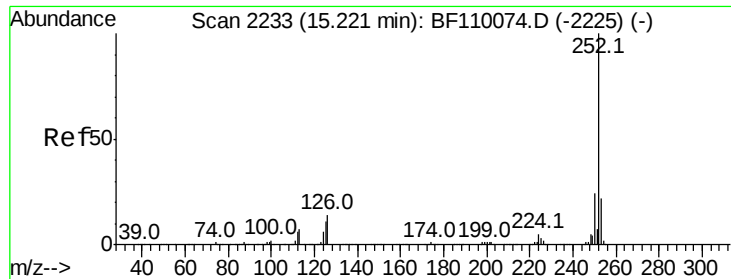
Sohil
 11/7/2018 2:54:20 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110506.D
 Acq: 6 Nov 2018 11:10

Tgt Ion:	264	Resp:	150257
Ion Ratio		Lower	Upper
264	100		
260	24.9	18.7	28.1
265	21.7	16.7	25.1





#88
 Benzo(b)fluoranthene
 Concen: 2.016 ng/ml
 RT: 15.20 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BF110506.D
 Acq: 6 Nov 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :
 TS-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.1	17.2	25.8#
125	21.1	8.2	12.4#

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:20 PM

