

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112637.D
 Acq On : 20 Feb 2019 13:01
 Operator : JU/SJ
 Sample : K1528-01DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DL

Manual Integrations
 APPROVED

Sohil

Quant Time: Feb 21 13:14:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 20 16:59:44 2019
 Response via : Initial Calibration

2/21/2019 1:27:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75318	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	304517	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	156335	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	314633	20.00	ng	0.00
76) Chrysene-d12	13.99	240	269437	20.00	ng	0.00
87) Perylene-d12	15.47	264	237905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	46295	13.06	ng	0.01
7) Phenol-d6	6.49	99	34363	6.97	ng	0.01
23) Nitrobenzene-d5	7.39	82	88887	16.82	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	45390	24.94	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	199963	18.09	ng	0.00
79) Terphenyl-d14	12.92	244	247995	17.34	ng	-0.01
Target Compounds						
31) Naphthalene	8.13	128	1103804	77.511	ng	99
32) Benzoic acid	7.90	122	23255m	10.490	ng	
37) 2-Methylnaphthalene	8.82	142	192425	19.738	ng	98
38) 1-Methylnaphthalene	8.92	142	77437	8.287	ng	98

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

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Operator : JU/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

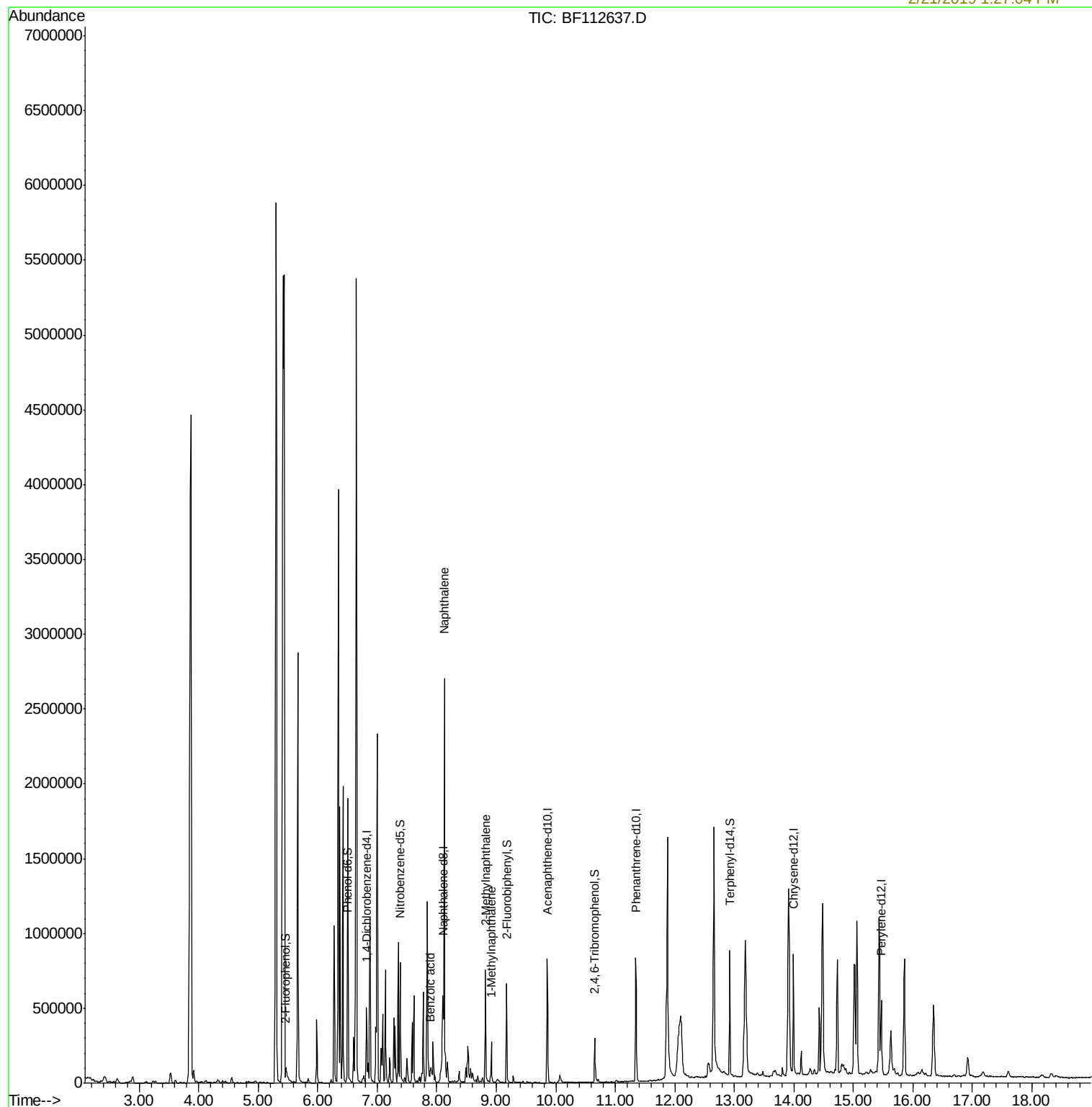
Instrument :
BNA_F
ClientSampleId :
MW-1DL

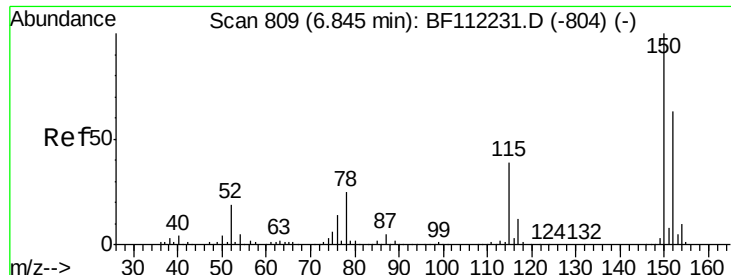
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#1

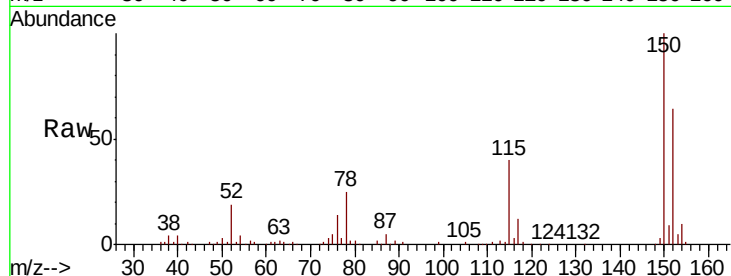
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.4	191.0
115	61.9	45.5	68.3

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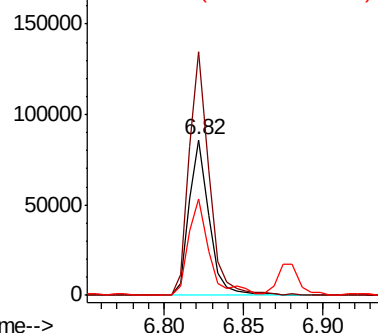


Abundance

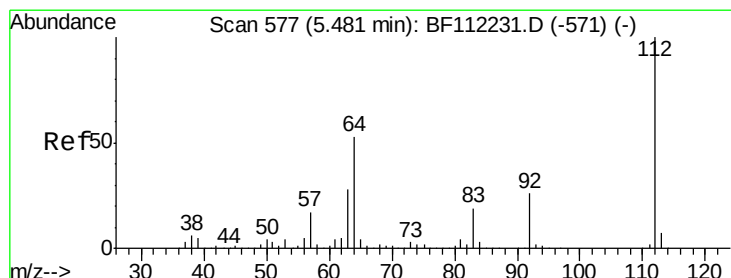
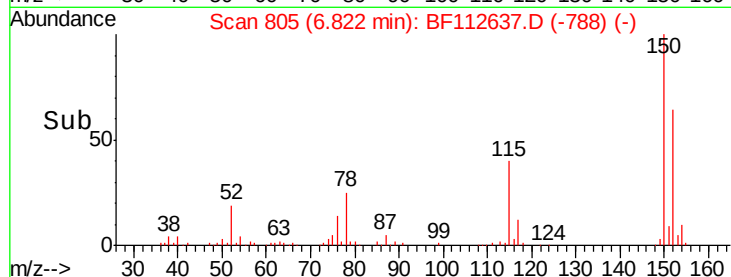
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



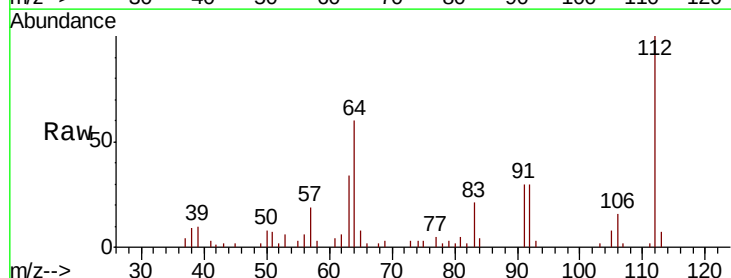
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#5

2-Fluorophenol
Concen: 13.056 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.7	68.5
63	34.2	23.6	35.4

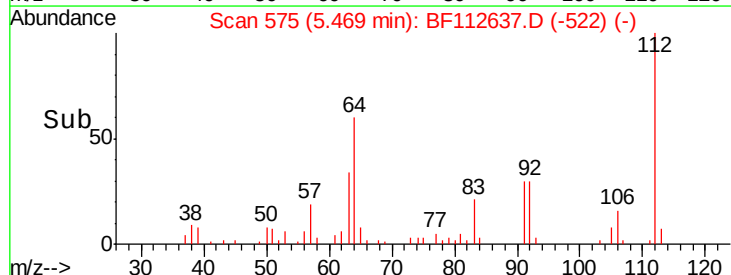
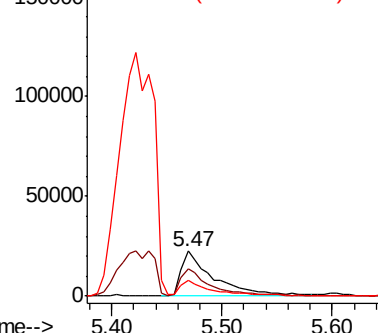


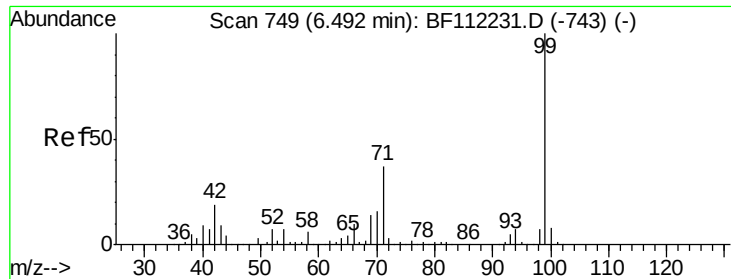
Abundance

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: 6.974 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

Instrument :

BNA_F

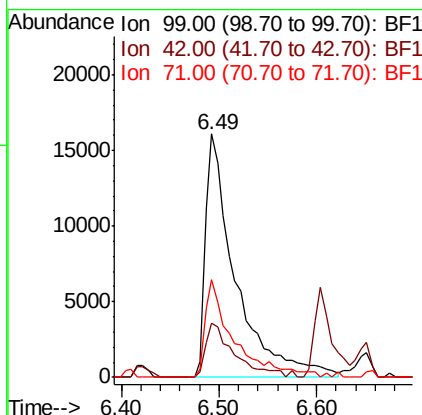
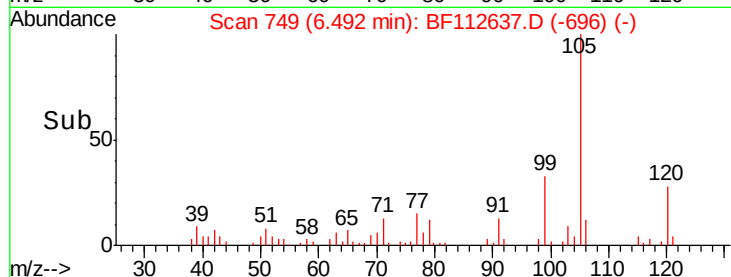
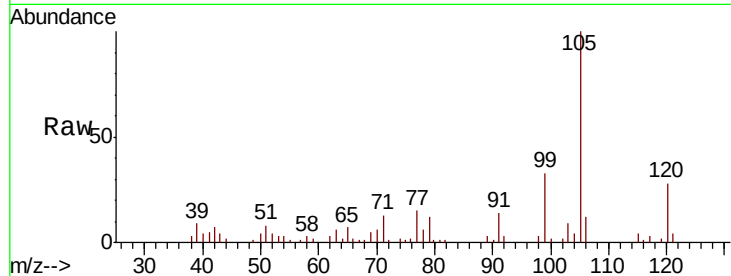
ClientSampleId :

MW-1DL

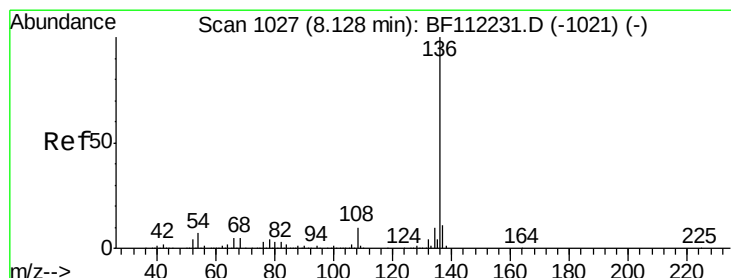
Tot Ion:	99	Resp:	34363
Ion	Ratio	Lower	Upper
99	100		
42	22.0	15.1	22.7
71	40.1	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

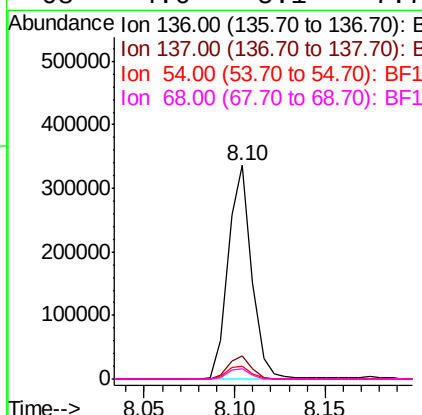
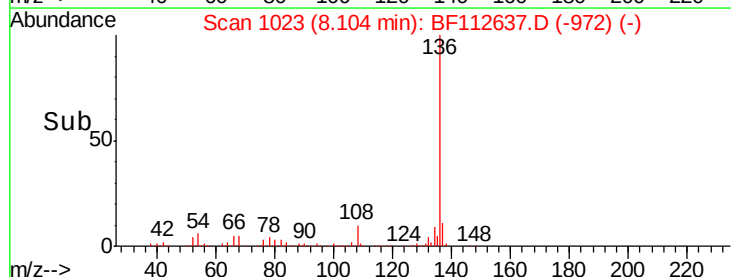
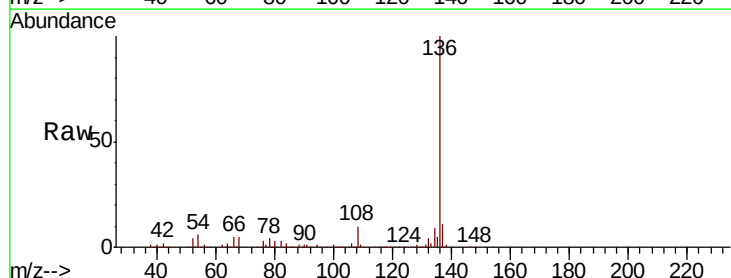
RT: 8.10 min Scan# 1023

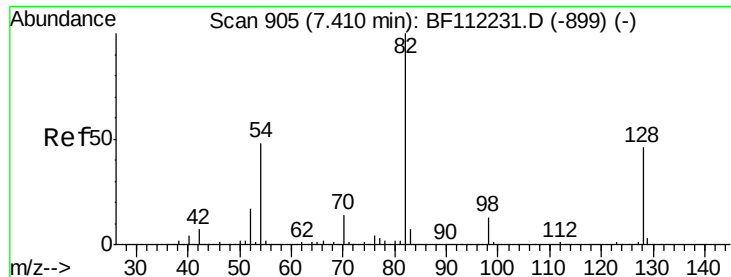
Delta R.T. 0.00 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

Tgt Ion:	136	Resp:	304517
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.0	5.9	8.9
68	4.6	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 16.819 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

Instrument :

BNA_F

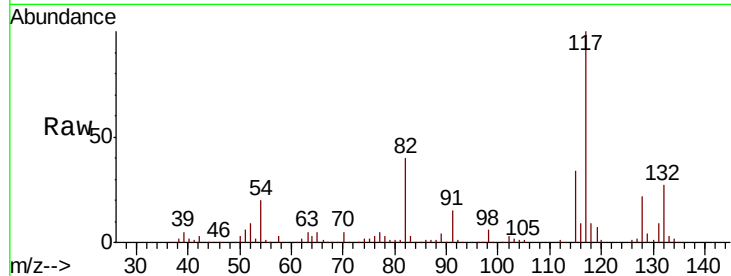
ClientSampled :

MW-1DL

Tot Ion:	82	Resp:	88887
Ion Ratio	Lower	Upper	
82	100		
128	55.4	37.8	56.8
54	50.4	39.7	59.5

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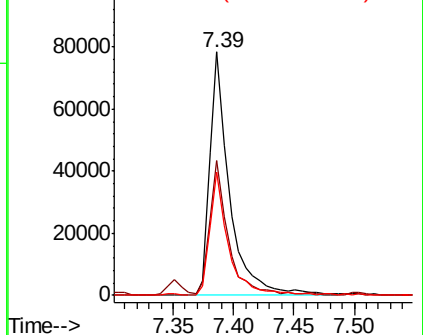


Abundance

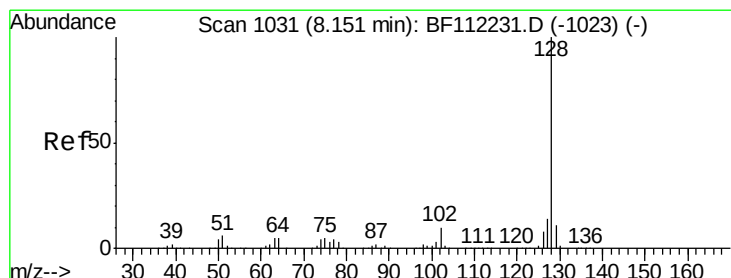
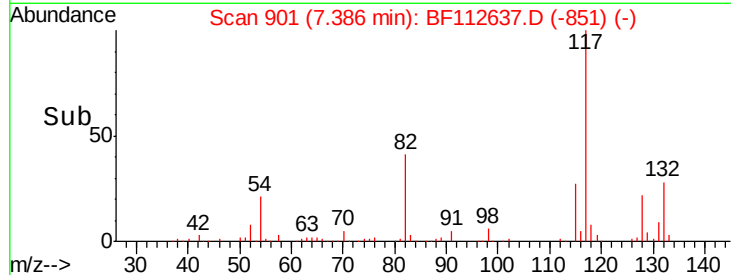
Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



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#31

Naphthalene

Concen: 77.511 ng

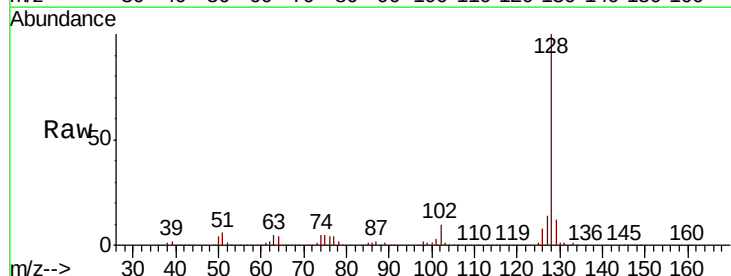
RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

Tgt Ion:	128	Resp:	1103804
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.6	14.4
127	13.9	11.1	16.7

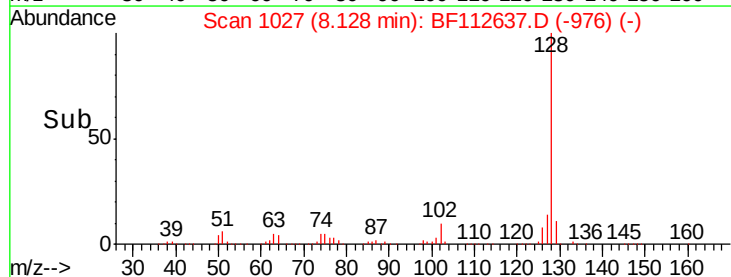
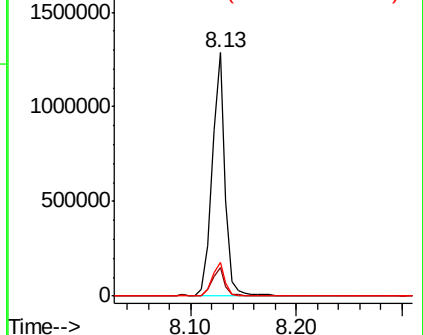


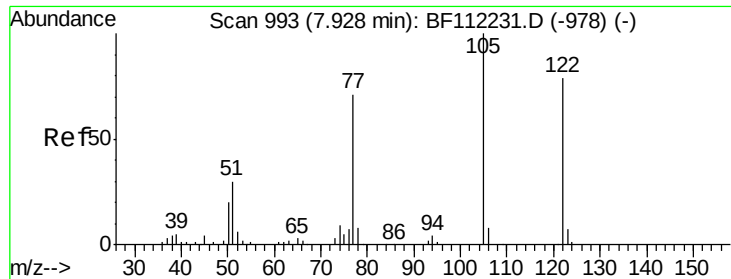
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 10.490 ng/mL

RT: 7.90 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

Instrument :

BNA_F

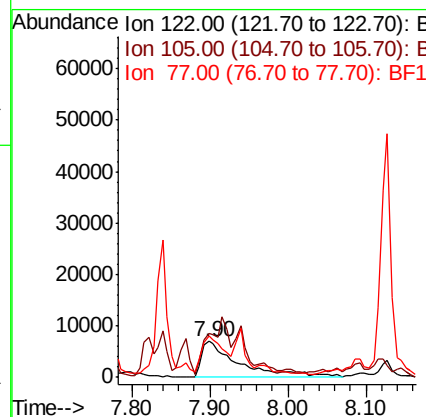
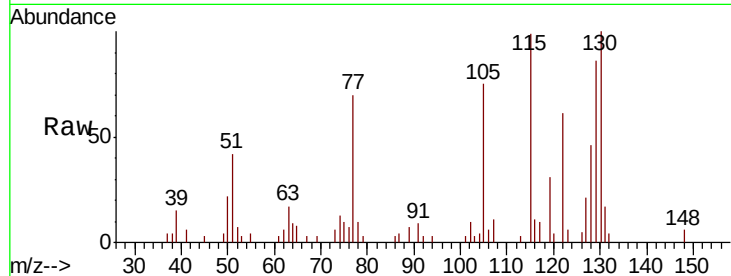
ClientSampled :

MW-1DL

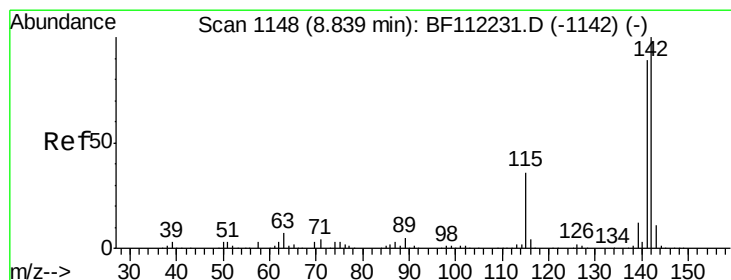
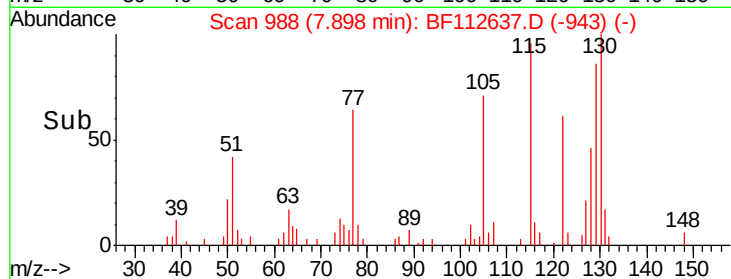
Tot Ion:	122	Resp:	23255
Ion Ratio	Lower	Upper	
122	100		
105	123.1	101.2	141.2
77	114.2	70.4	110.4#

Manual Integrations
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#37

2-Methylnaphthalene

Concen: 19.738 ng/mL

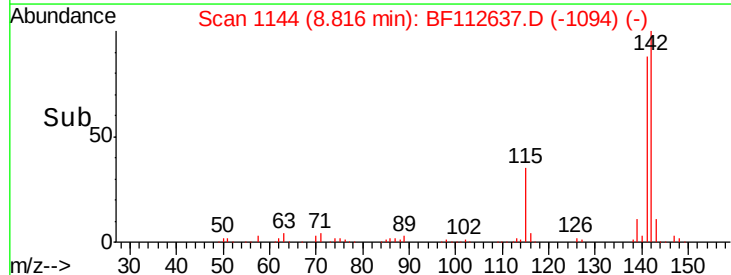
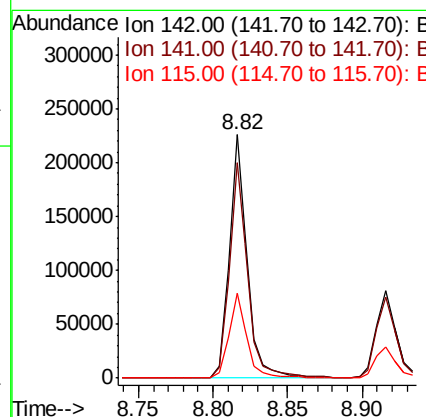
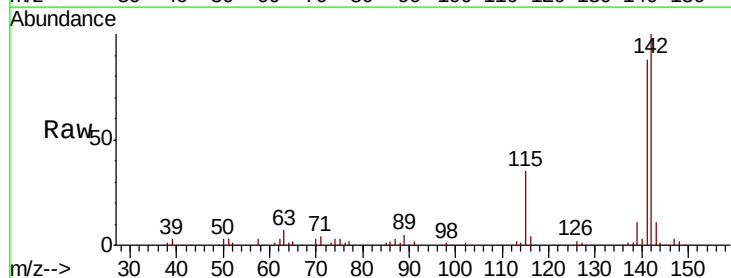
RT: 8.82 min Scan# 1144

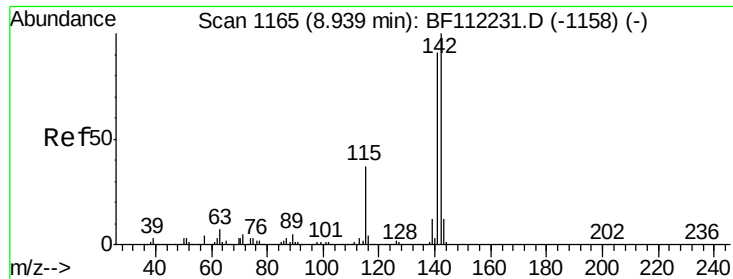
Delta R.T. -0.01 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

Tgt Ion:	142	Resp:	192425
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.9	106.3
115	35.1	24.9	37.3





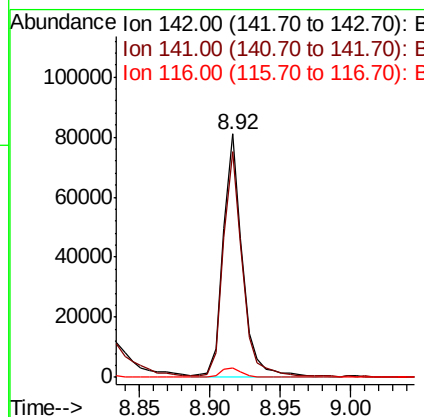
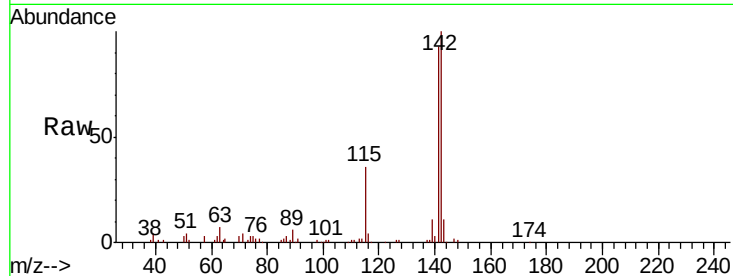
#38
1-Methylnaphthalene
Concen: 8.287 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampled :
MW-1DL

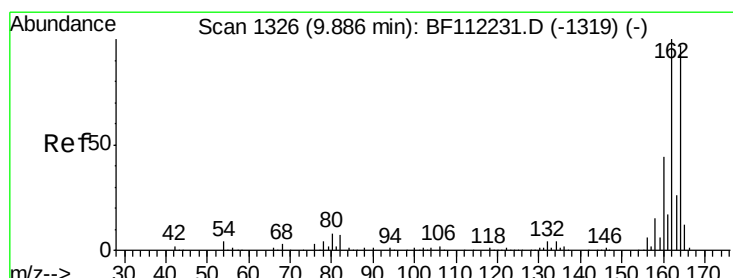
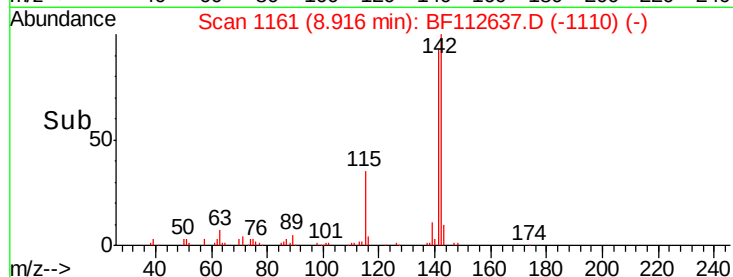
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8
116	3.8	2.8	4.2

Manual Integrations
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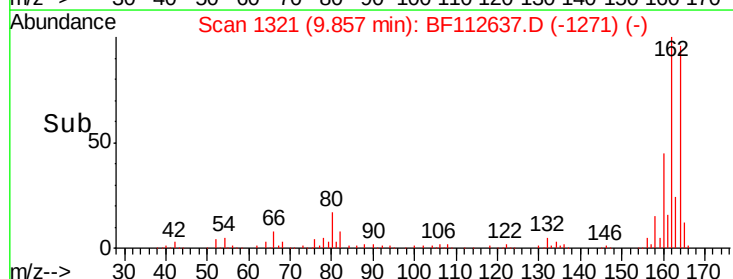
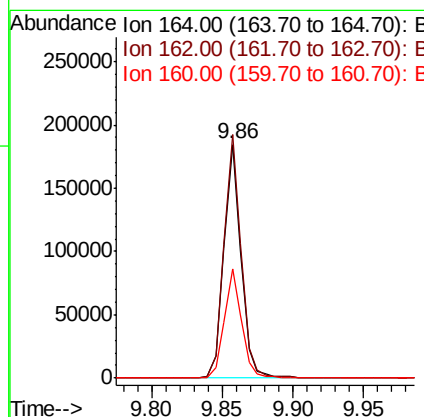
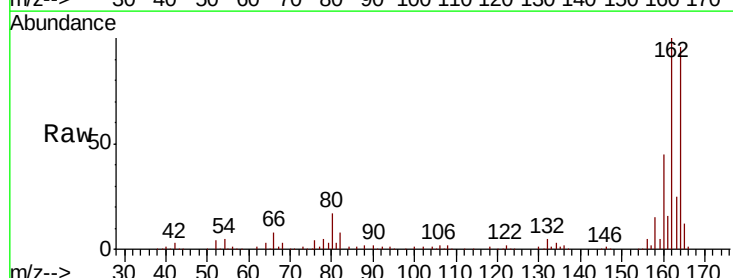


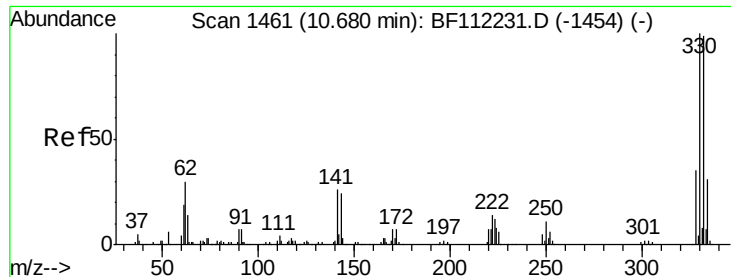
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	46.6	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 24.944 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

Instrument :

BNA_F

ClientSampled :

MW-1DL

Tot Ion:330 Resp: 45390

Ion Ratio Lower Upper

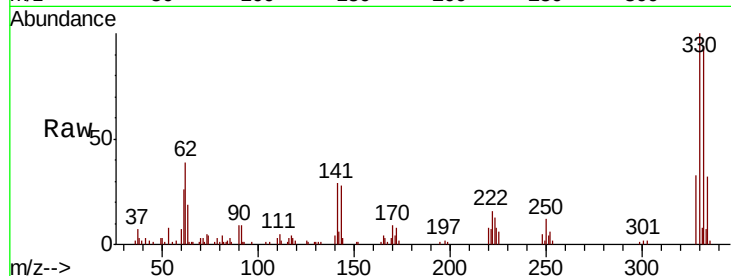
330 100

332 96.5 76.6 114.8

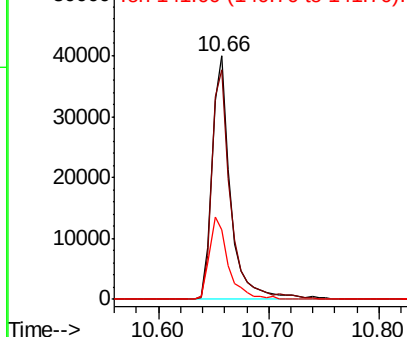
141 34.5 24.3 36.5

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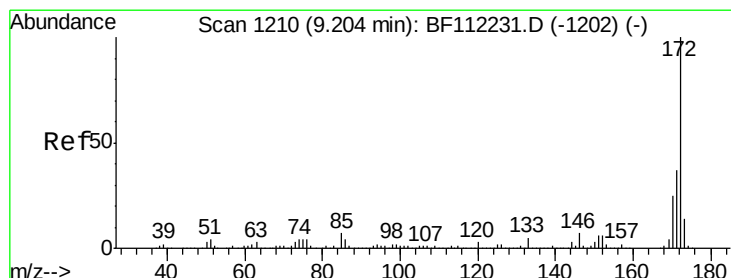
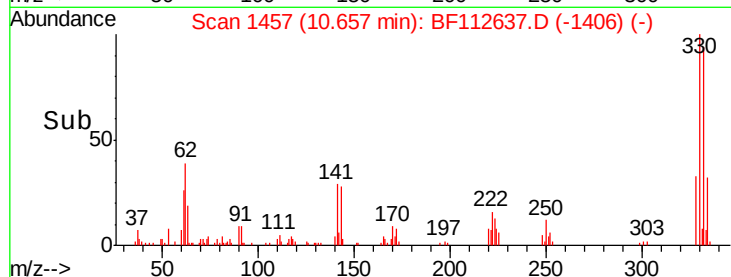
Sohil



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



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#45

2-Fluorobiphenyl

Concen: 18.090 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF112637.D

Acq: 20 Feb 2019 13:01

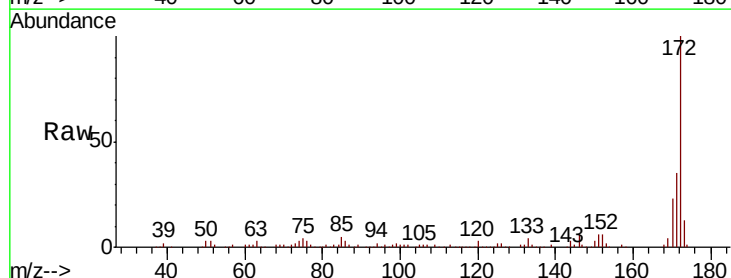
Tgt Ion:172 Resp: 199963

Ion Ratio Lower Upper

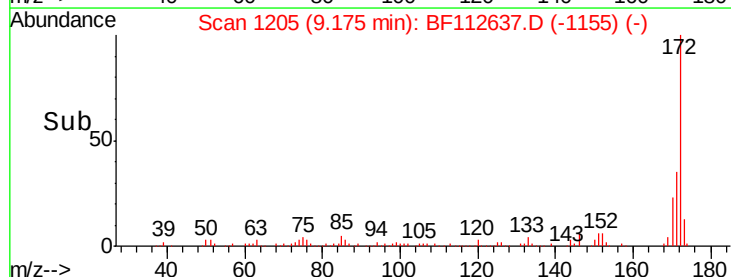
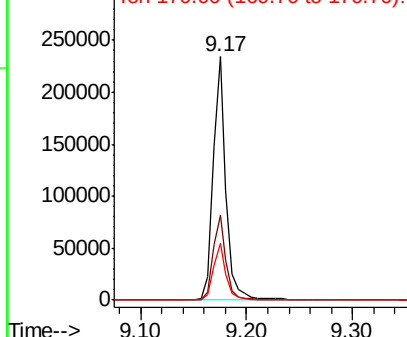
172 100

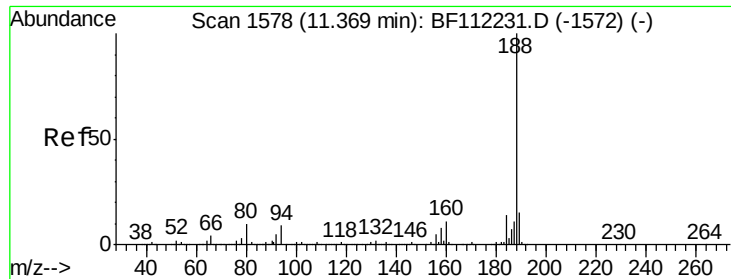
171 34.7 30.5 45.7

170 23.4 20.2 30.4



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





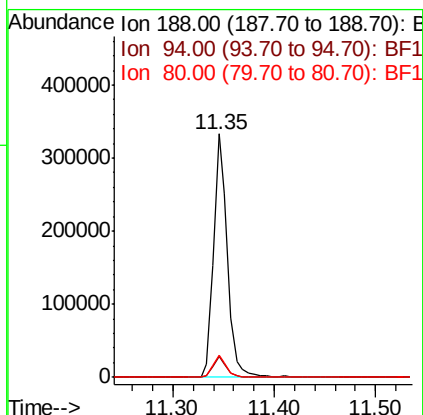
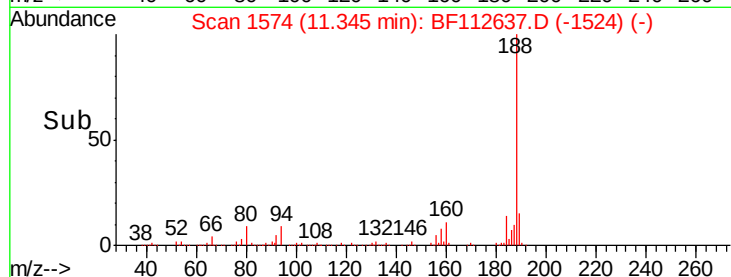
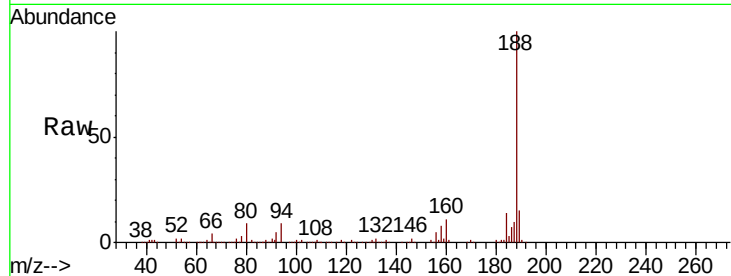
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :
MW-1DL

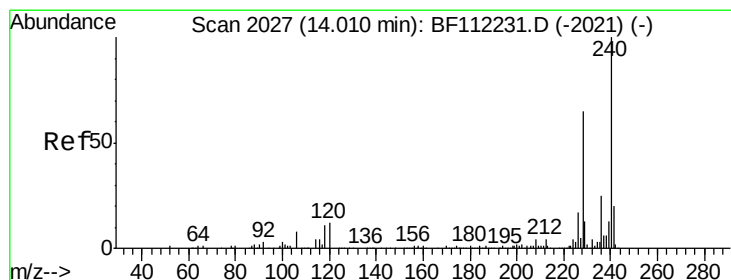
Tot Ion:	188	Resp:	314633
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.2	12.2
80	9.2	8.9	13.3

Manual Integrations
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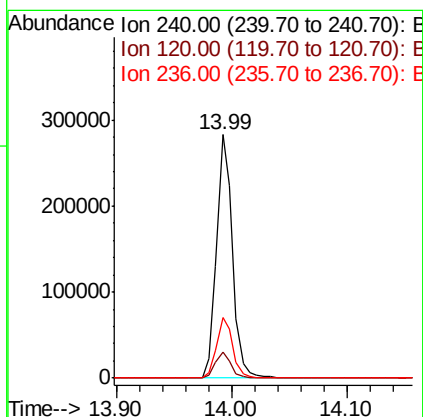
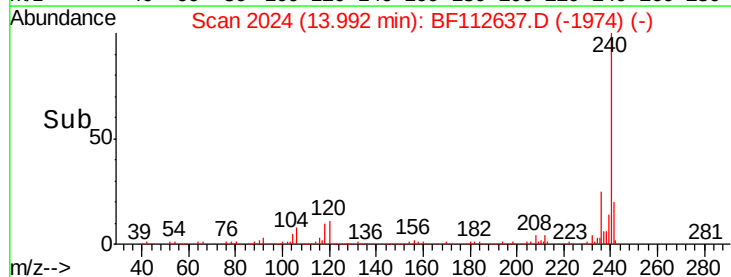
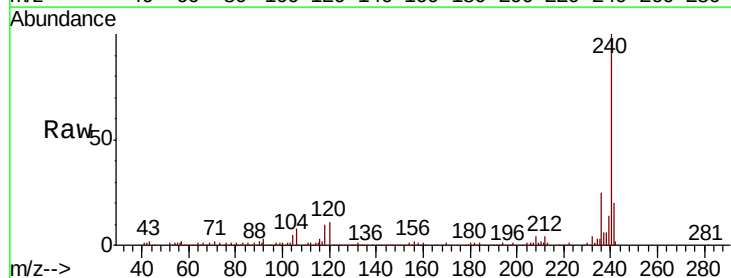


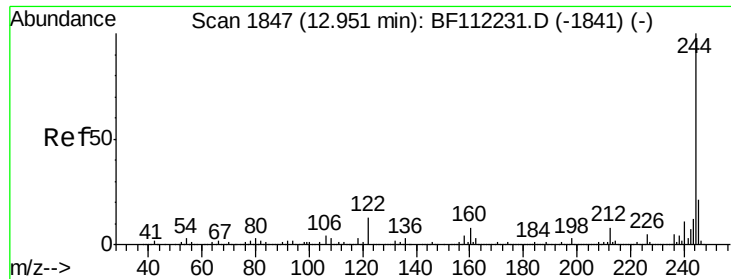
2/21/2019 1:27:04 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:	240	Resp:	269437
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.0	13.6
236	24.7	20.7	31.1





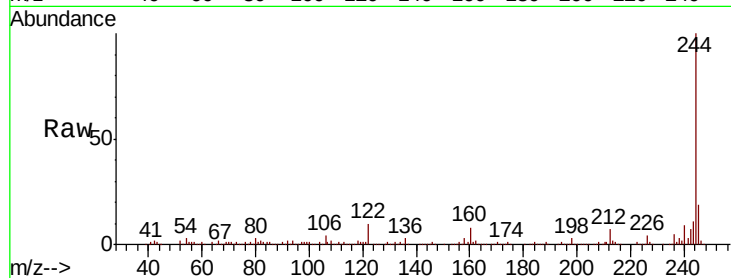
#79
 Terphenyl-d14
 Concen: 17.336 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF112637.D
 Acq: 20 Feb 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DL

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.5	9.8	14.6

Manual Integrations
 APPROVED

Sohil

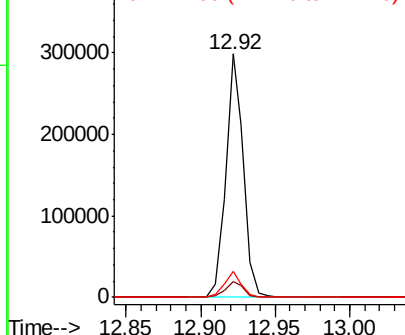


Abundance

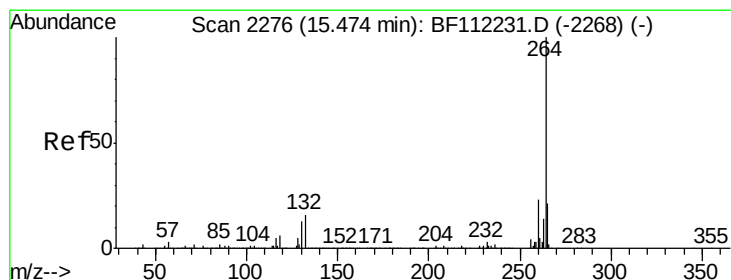
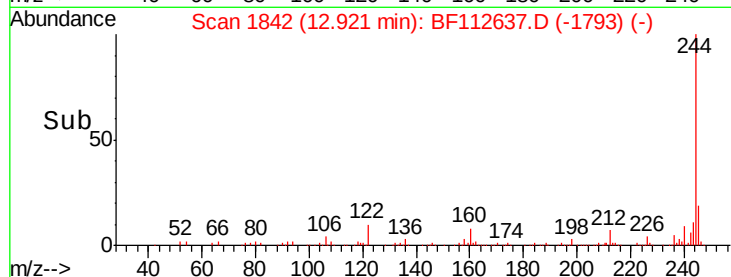
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

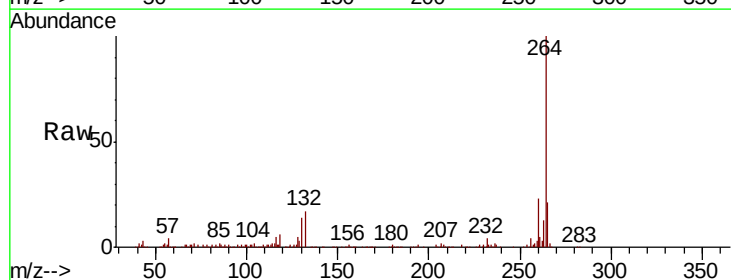


2/21/2019 1:27:04 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF112637.D
 Acq: 20 Feb 2019 13:01

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.4	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

