

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004846.D
 Acq On : 21 Mar 2019 12:54
 Operator : JU/SJ
 Sample : K1842-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-01_030819

Manual Integrations
 APPROVED

Sohil
 3/25/2019 8:52:24 AM

Quant Time: Mar 23 03:01:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2034	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	9728	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	17146	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	17802	0.40	ng	0.00
27) Chrysene-d12	21.29	240	20400	0.40	ng	0.00
34) Perylene-d12	23.54	264	22763	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1458	0.26	ng	0.00
5) Phenol-d6	6.88	99	1165	0.17	ng	0.00
8) Nitrobenzene-d5	8.86	82	2141	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5865m	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	2081	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	9319	0.13	ng	-0.01
25) Fluoranthene-d10	19.13	212	17095	0.29	ng	0.00
29) Terphenyl-d14	19.72	244	15577	0.37	ng	0.00
Target Compounds						
9) Naphthalene	10.53	128	2087877	76.527	ng	98
12) 2-Methylnaphthalene	12.15	142	1004988	49.592	ng	98
17) Acenaphthene	14.40	154	7944	0.137	ng	# 46
18) Fluorene	15.39	166	25574	0.317	ng	# 87
23) Phenanthrene	17.13	178	9651	0.168	ng	# 75
28) Pyrene	19.52	202	1252	0.020	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.18	149	4211	0.158	ng	# 97

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

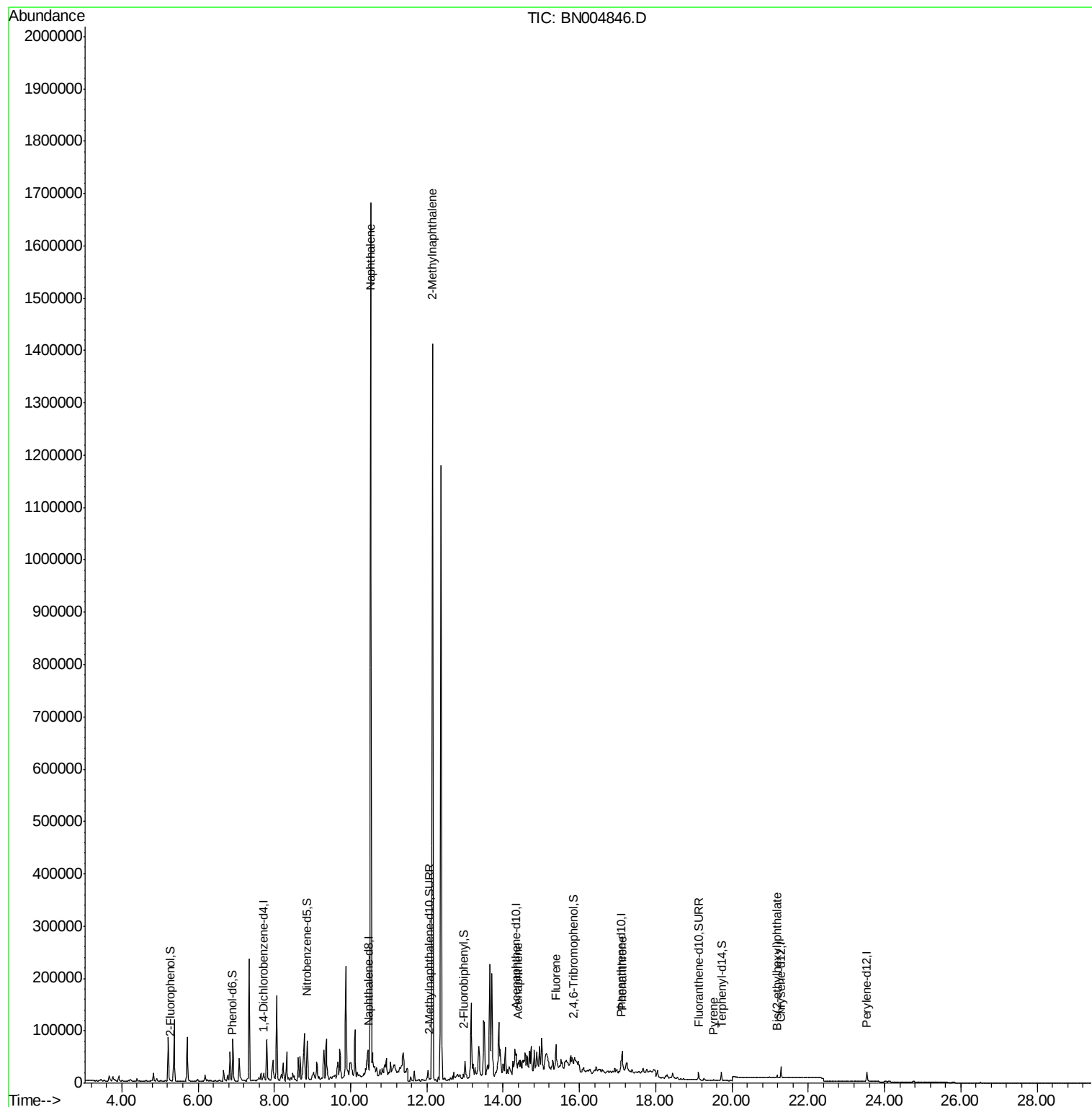
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004846.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
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#1

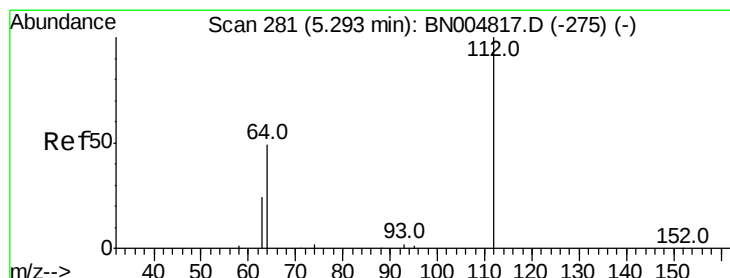
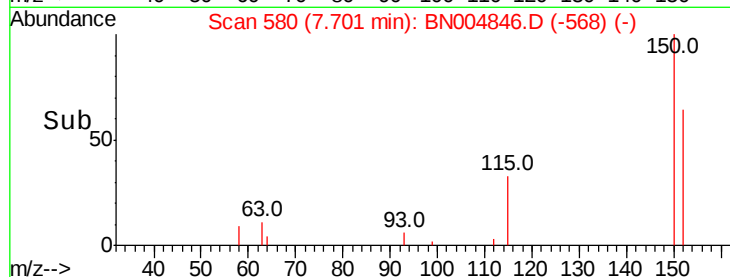
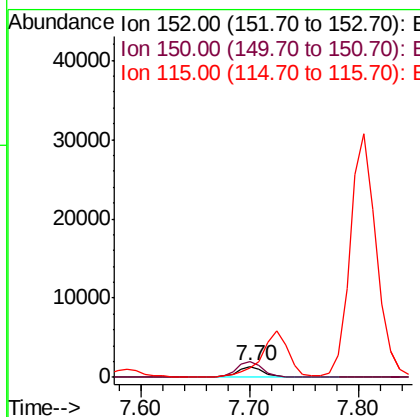
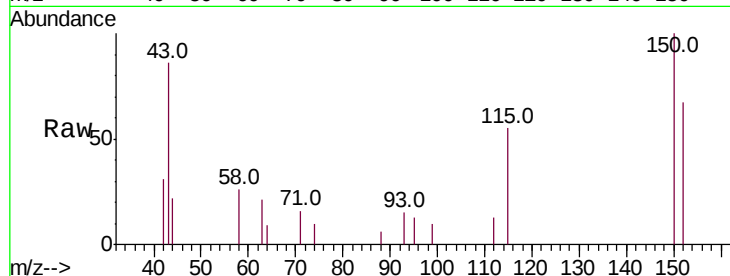
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PR-MW-01_030819

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.2	189.4
115	82.6	52.6	79.0#

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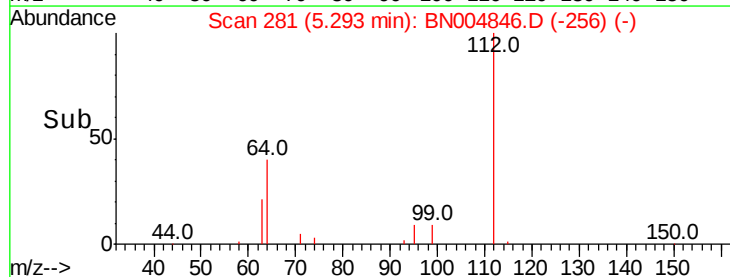
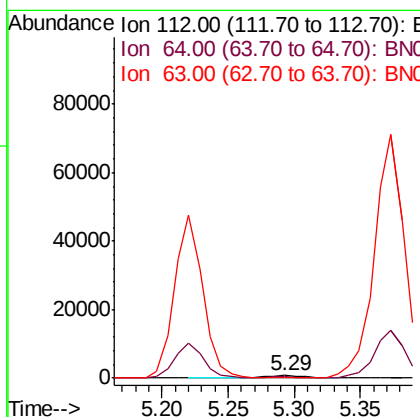
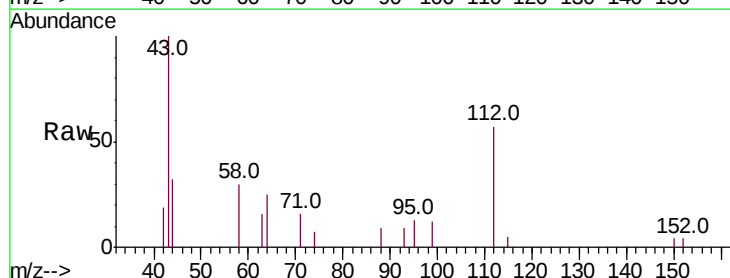
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#4

2-Fluorophenol
Concen: 0.264 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	40.0	60.0#
63	0.0	20.2	30.2#





#5

Phenol-d6

Concen: 0.169 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

Instrument :

BNA_N

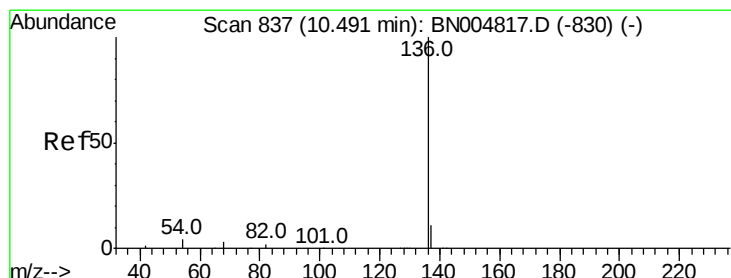
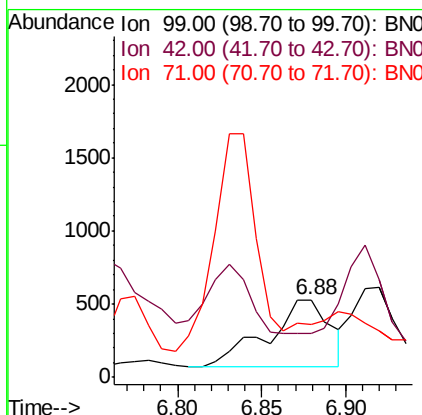
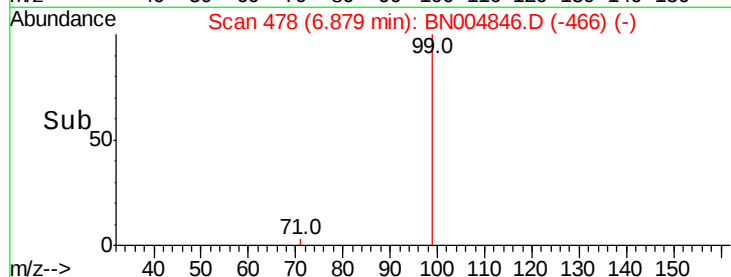
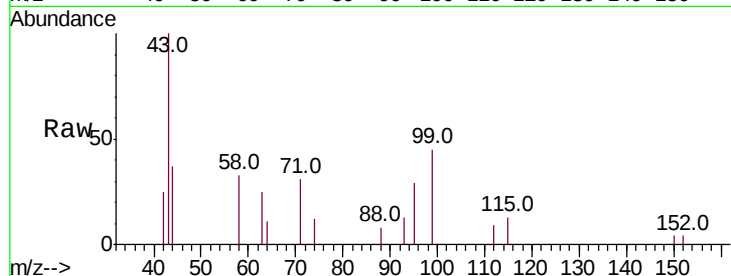
ClientSampleId :

PR-MW-01_030819

Tot Ion:	99	Resp:	1165
Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.7	19.1#
71	46.2	26.6	40.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

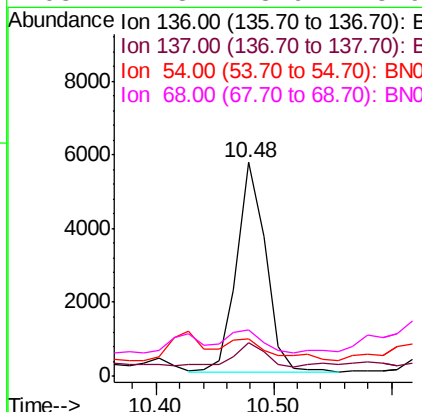
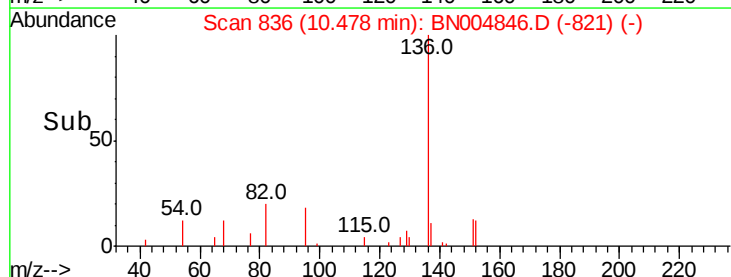
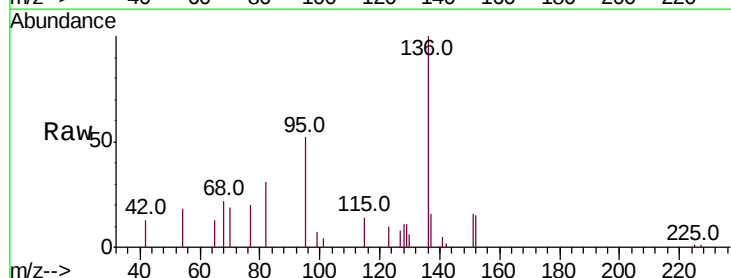
RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

Tgt Ion:	136	Resp:	9728
Ion	Ratio	Lower	Upper
136	100		
137	15.6	9.6	14.4#
54	17.7	4.2	6.2#
68	21.8	3.9	5.9#





#8

Nitrobenzene-d5

Concen: 0.333 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

Instrument :

BNA_N

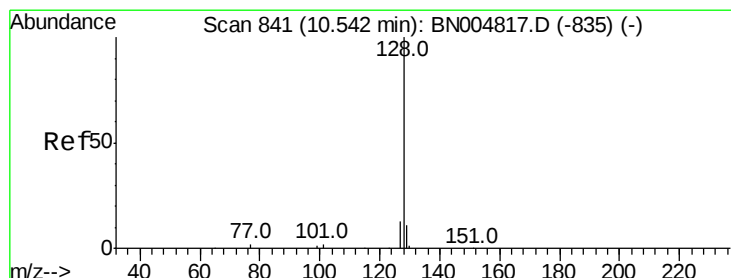
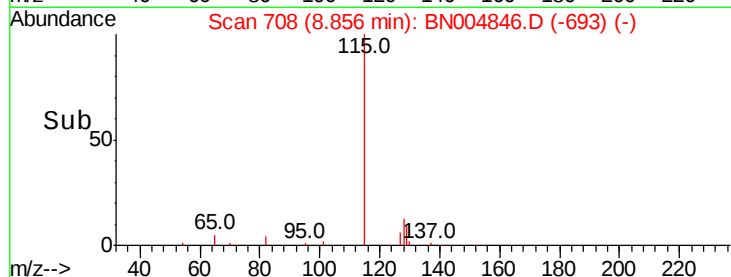
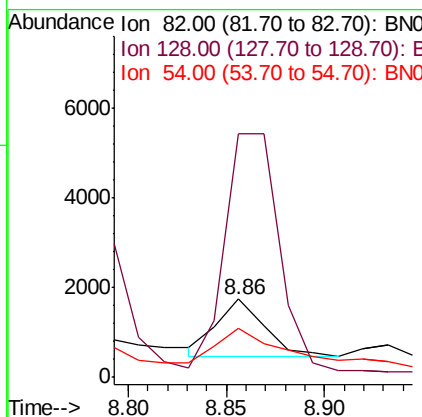
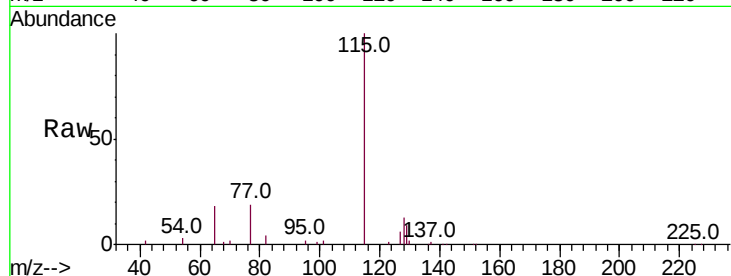
ClientSampleId :

PR-MW-01_030819

Tot Ion:	82	Resp:	2141
Ion Ratio	Lower	Upper	
82	100		
128	310.4	43.0	64.6#
54	62.3	35.3	52.9#

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#9

Naphthalene

Concen: 76.527 ng

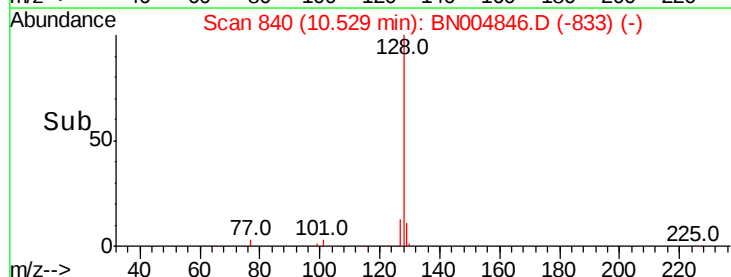
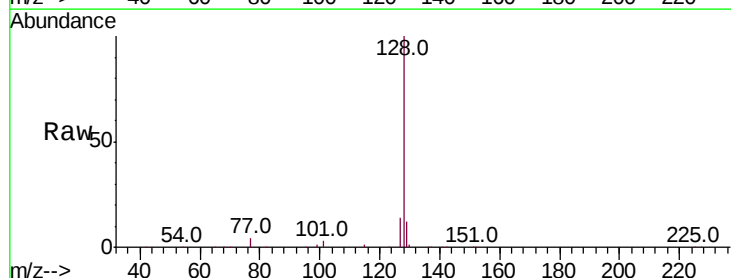
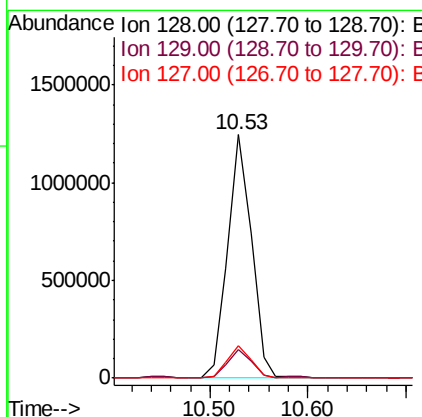
RT: 10.53 min Scan# 840

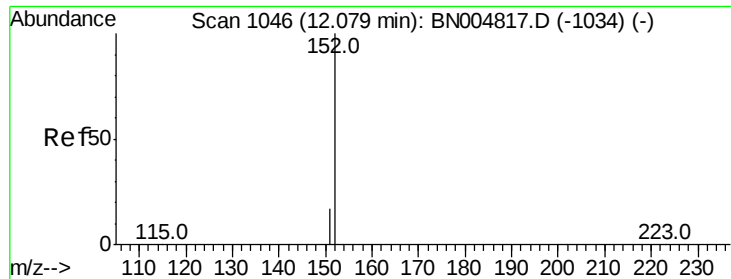
Delta R.T. -0.01 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

Tgt Ion:	128	Resp:	2087877
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.9	14.9
127	13.6	11.3	16.9





#11

2-Methylnaphthalene-d10

Concen: 0.346 ng m

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PR-MW-01_030819

Tot Ion:152 Resp: 5865

Ion Ratio Lower Upper

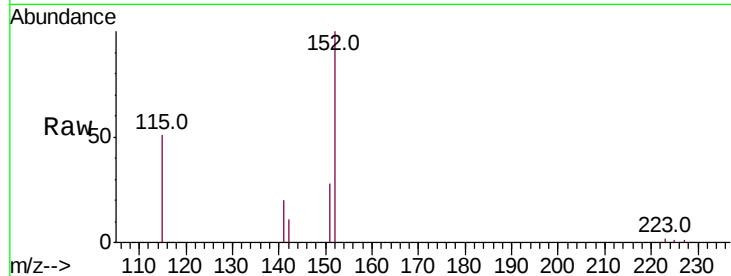
152 100

151 7.0 15.5 23.3#

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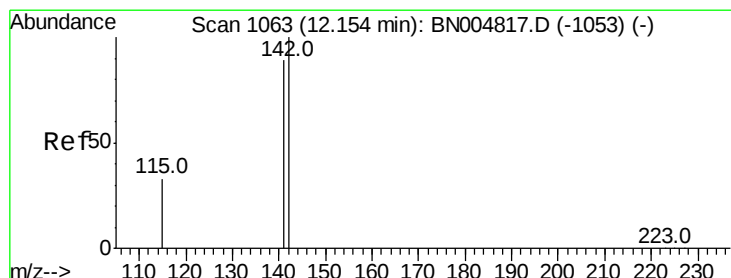
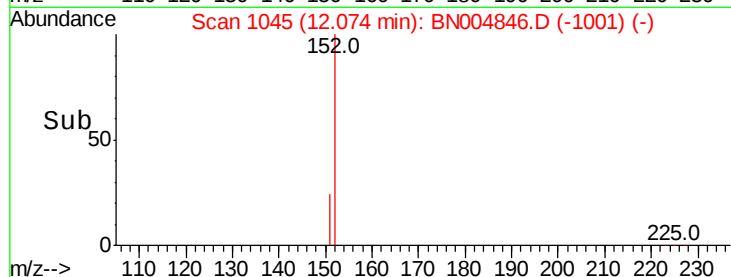
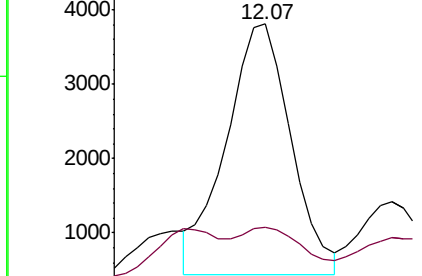
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 49.592 ng

RT: 12.15 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

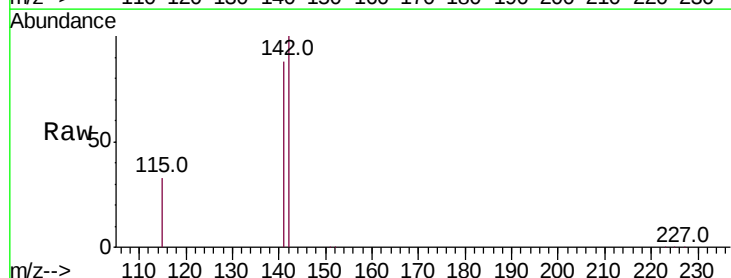
Tgt Ion:142 Resp: 1004988

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2

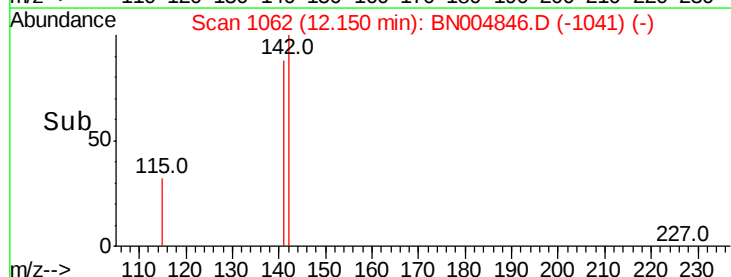
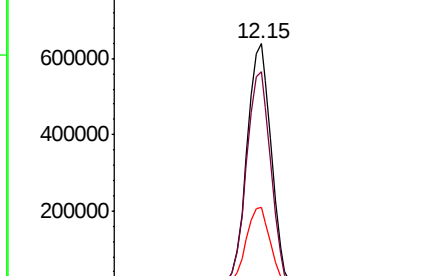
115 32.5 27.5 41.3

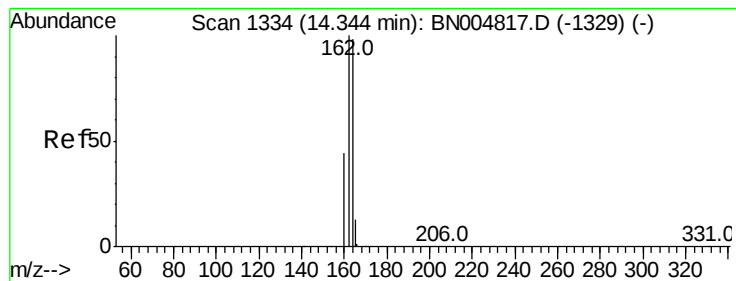


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PR-MW-01_030819

Tot Ion:164 Resp: 17146

Ion Ratio Lower Upper

164 100

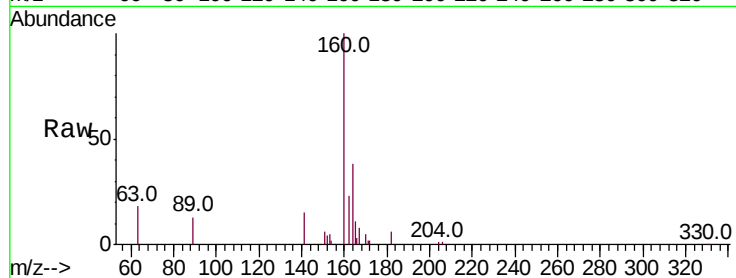
162 59.4 81.9 122.9#

160 260.6 36.6 54.8#

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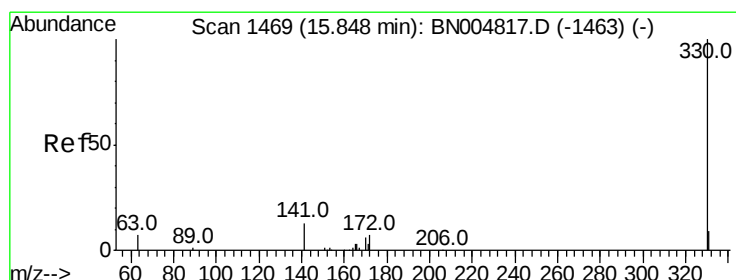
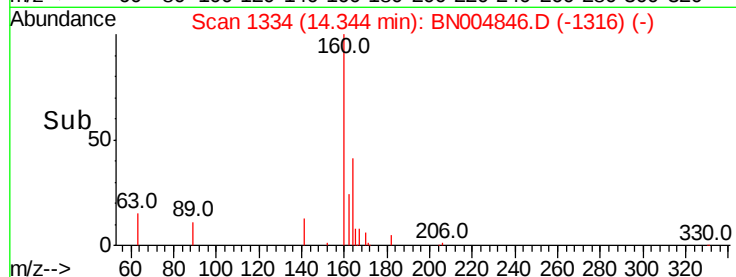
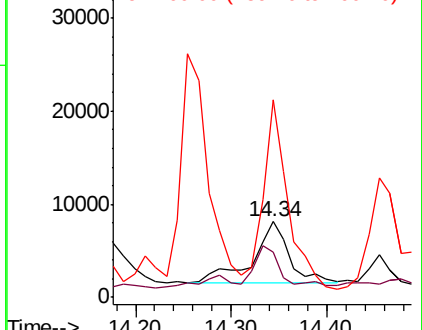
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.176 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

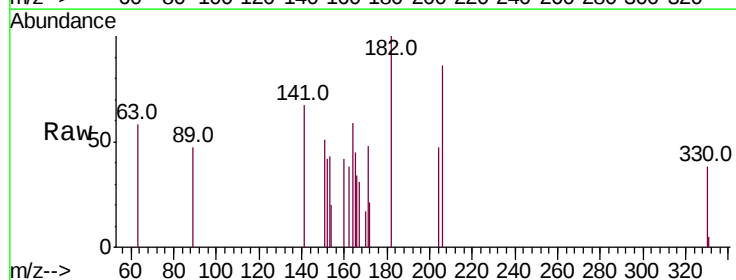
Tgt Ion:330 Resp: 2081

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

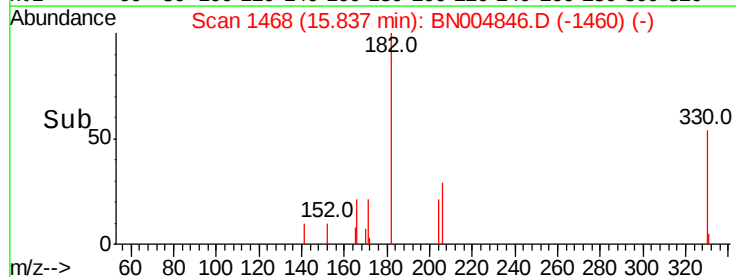
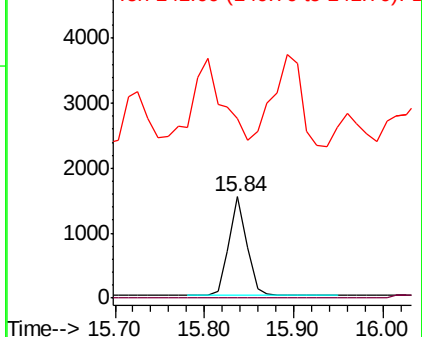
141 0.0 20.9 31.3#

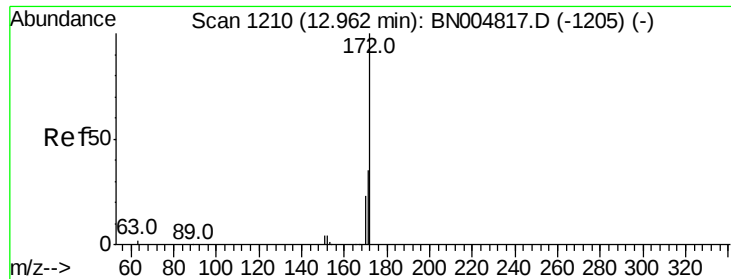


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





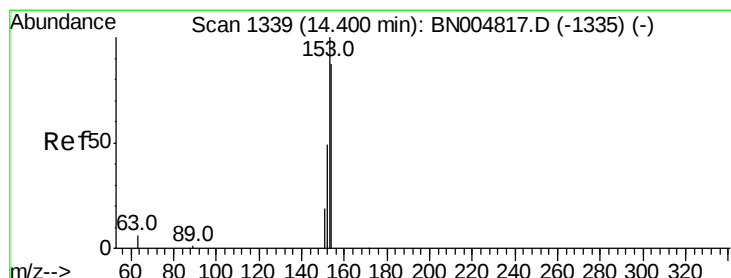
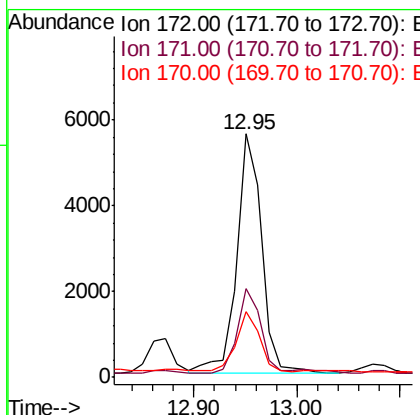
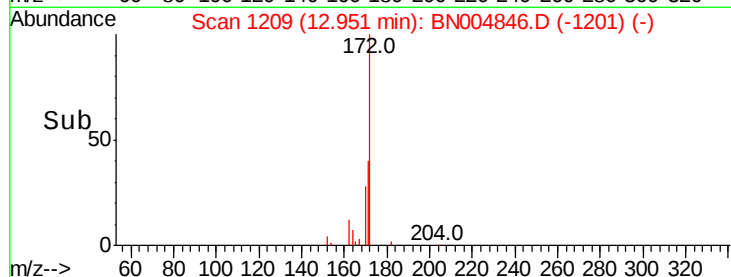
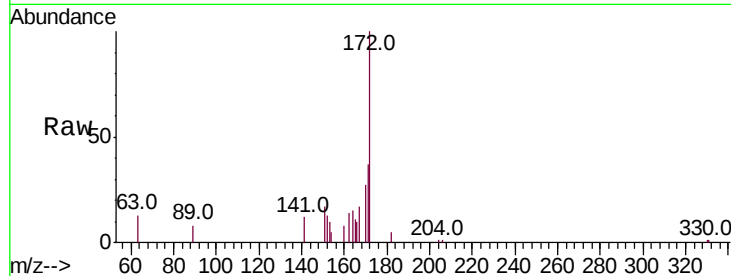
#15
2-Fluorobiphenyl
Concen: 0.132 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Instrument :
BNA_N
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PR-MW-01_030819

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.7	43.1
170	26.8	18.7	28.1

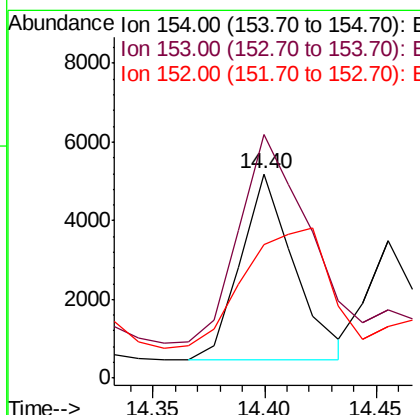
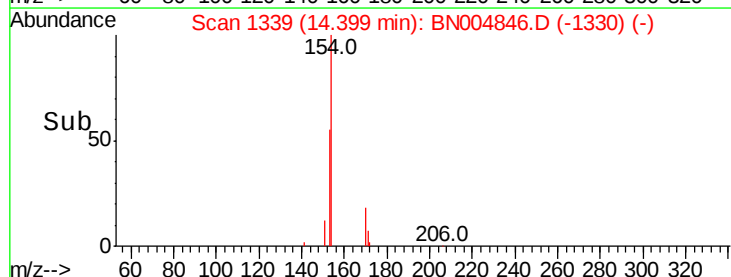
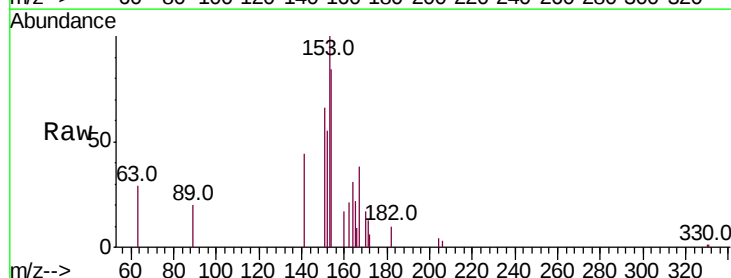
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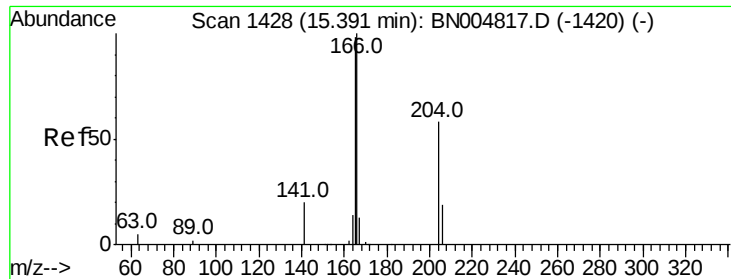
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#17
Acenaphthene
Concen: 0.137 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	161.6	91.4	137.2#
152	0.0	44.2	66.2#





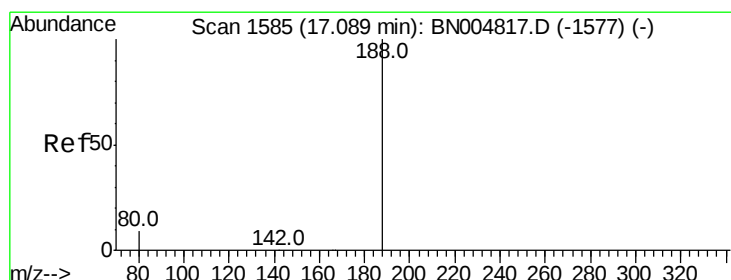
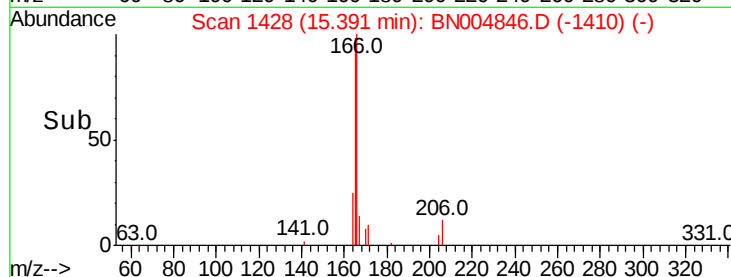
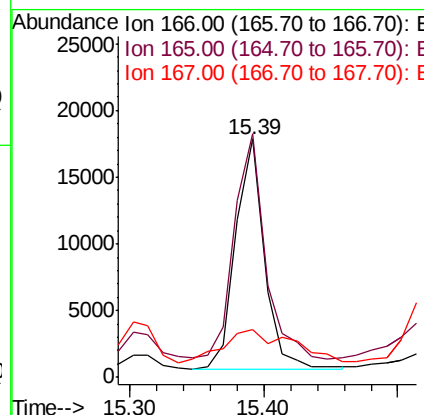
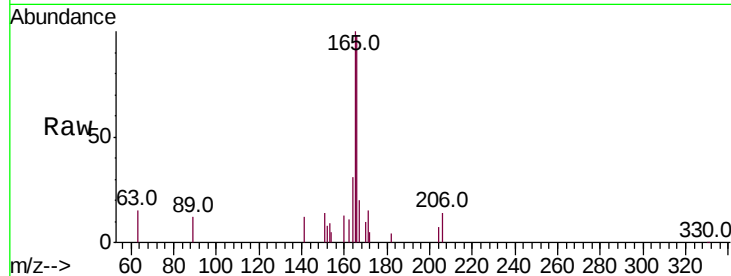
#18
Fluorene
 Concen: 0.317 ng
 RT: 15.39 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BN004846.D
 Acq: 21 Mar 2019 12:54

Instrument :
 BNA_N
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 PR-MW-01_030819

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.9	78.2	117.4
167	35.4	11.0	16.4

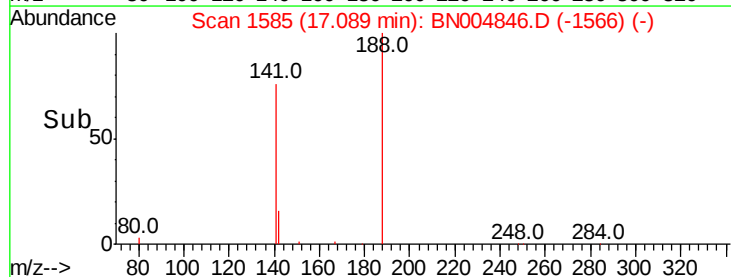
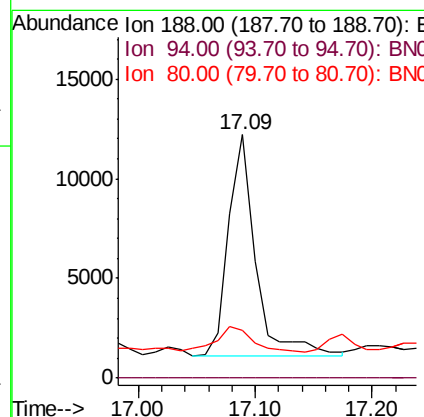
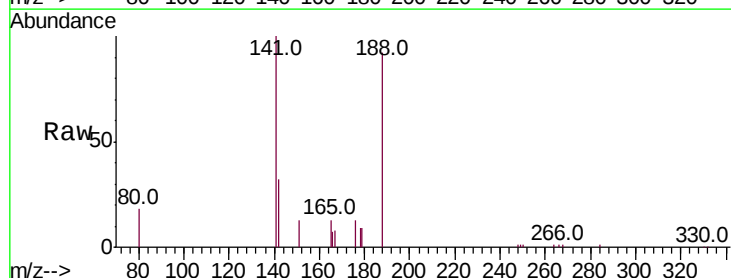
Manual Integrations
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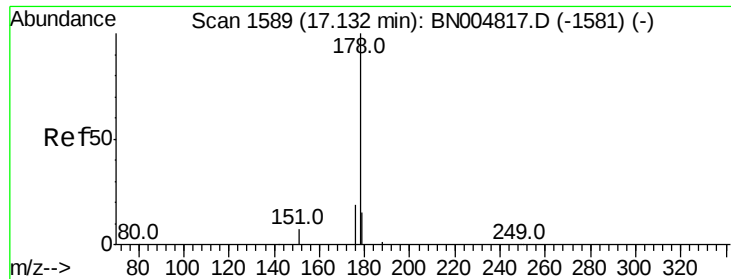
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.09 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BN004846.D
 Acq: 21 Mar 2019 12:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	19.8	7.4	11.2





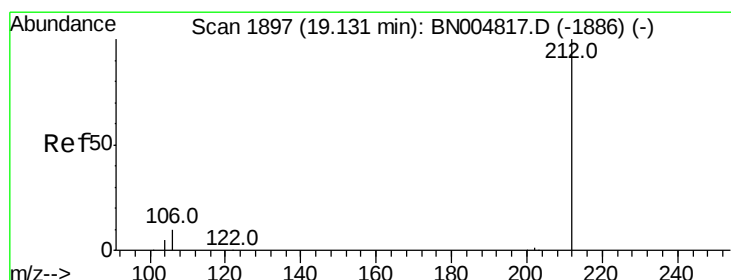
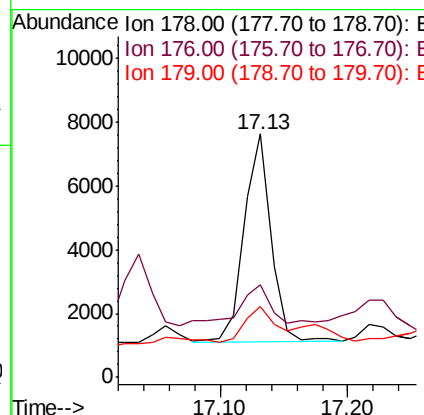
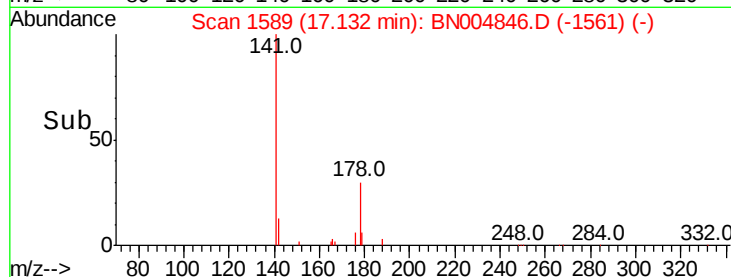
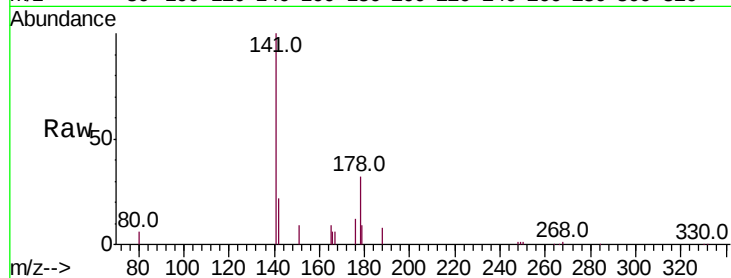
#23
Phenanthrene
Concen: 0.168 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PR-MW-01_030819

Tot Ion	Ratio	Lower	Upper
178	100		
176	34.7	14.9	22.3#
179	19.8	12.1	18.1#

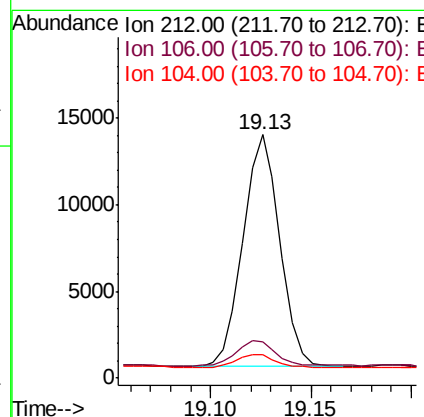
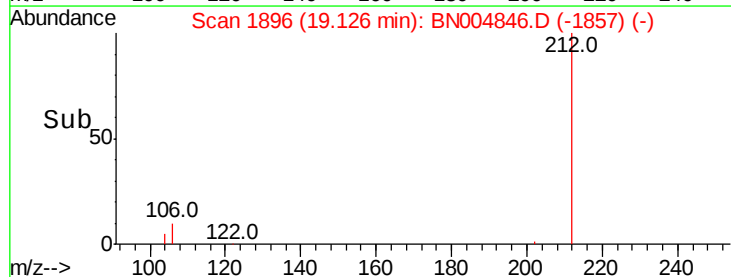
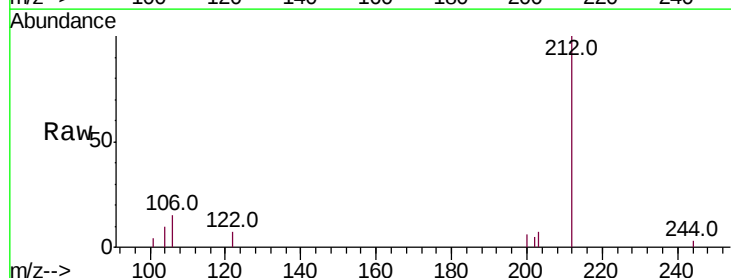
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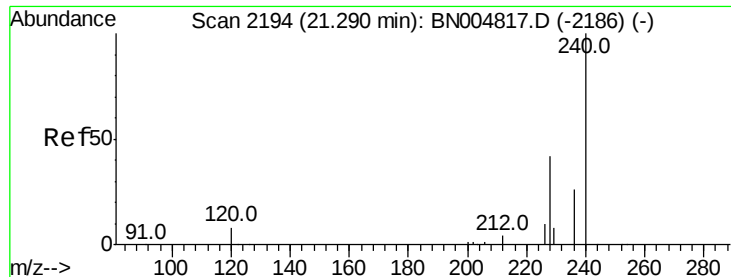
Sohil
3/25/2019 8:52:24 AM



#25
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Tgt Ion	Ratio	Lower	Upper
212	100		
106	11.7	8.6	13.0
104	6.4	4.7	7.1





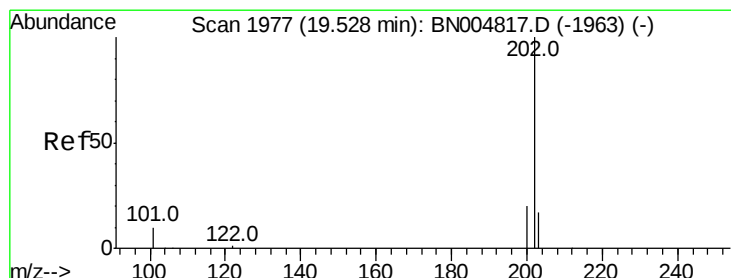
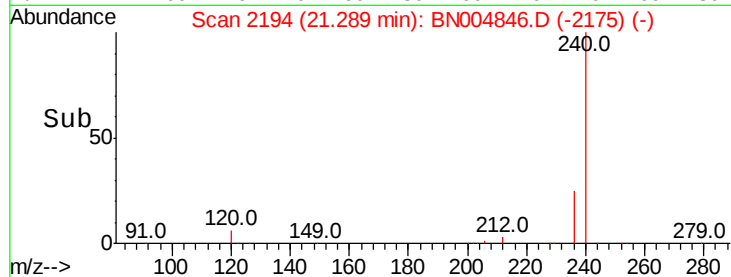
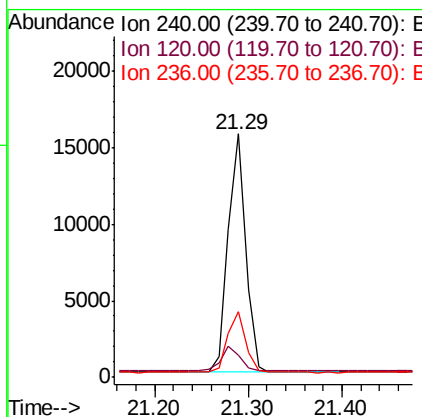
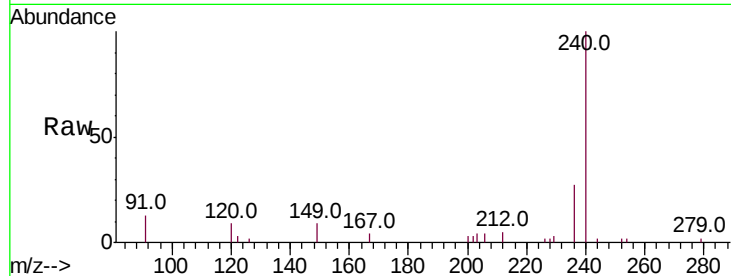
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PR-MW-01_030819

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.2	10.8
236	26.9	20.9	31.3

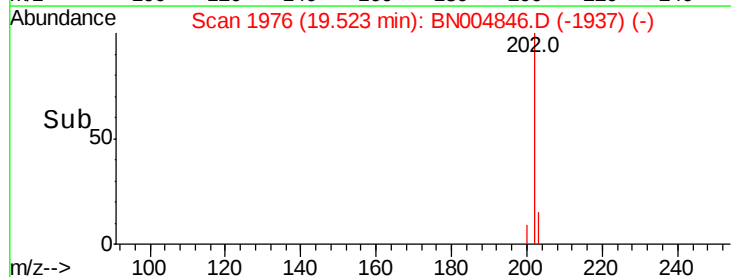
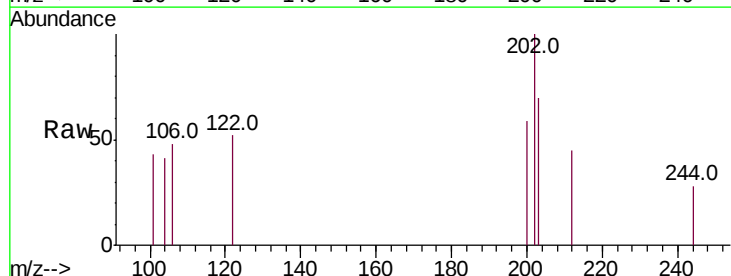
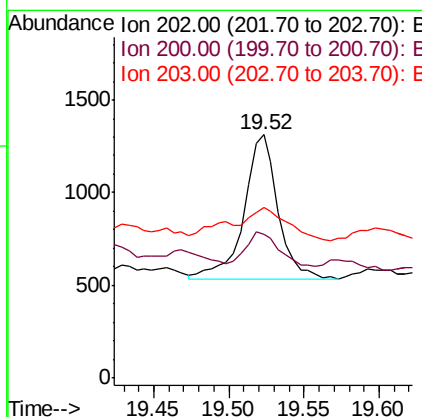
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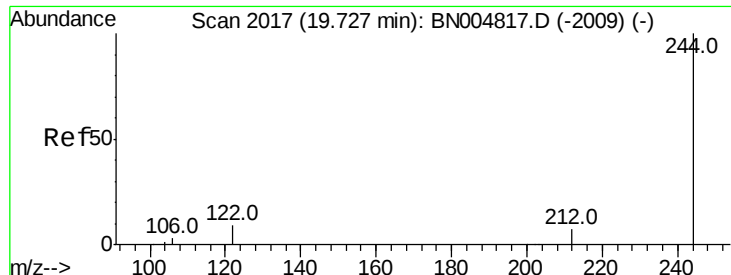
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#28
Pyrene
Concen: 0.020 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004846.D
Acq: 21 Mar 2019 12:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.3	24.5
203	24.0	14.0	21.0





#29

Terphenyl-d14

Concen: 0.373 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PR-MW-01_030819

Tot Ion:244 Resp: 15577

Ion Ratio Lower Upper

244 100

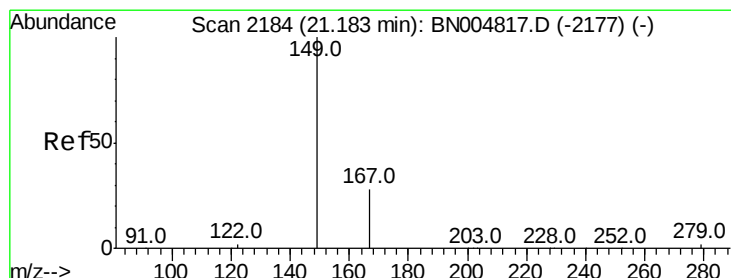
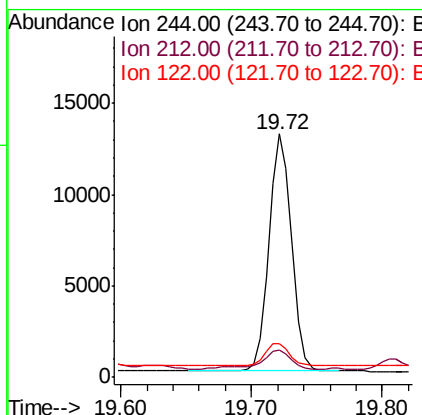
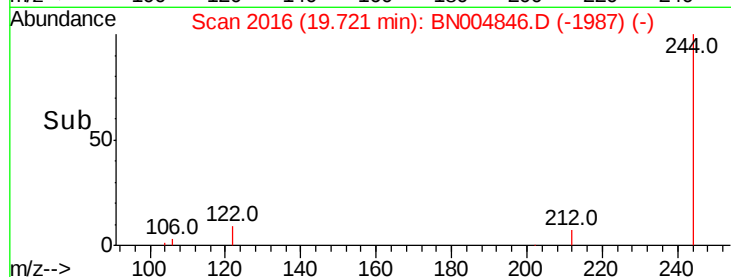
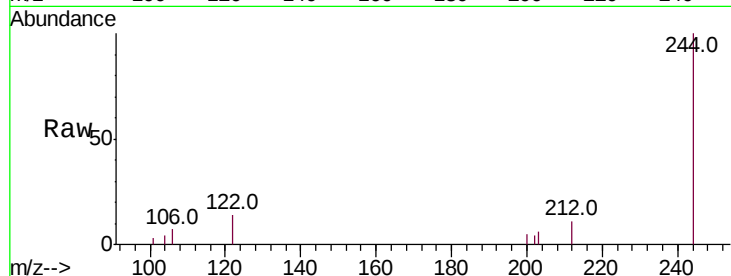
212 11.3 5.8 8.6#

122 13.7 7.9 11.9#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004846.D

Acq: 21 Mar 2019 12:54

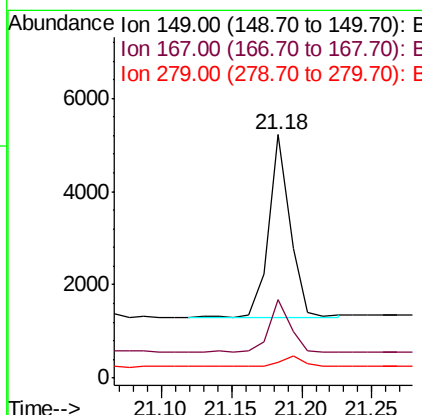
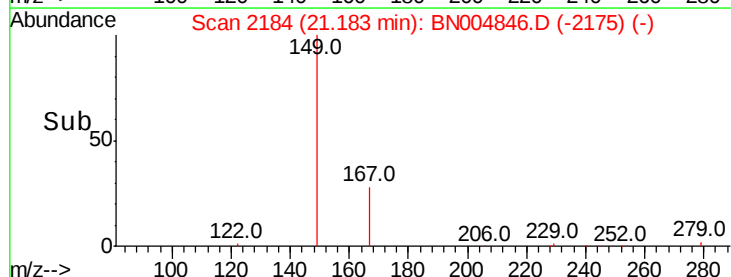
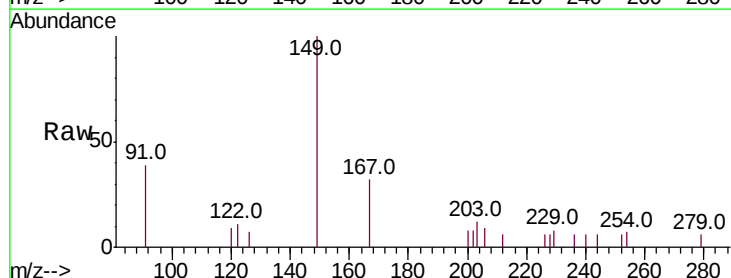
Tgt Ion:149 Resp: 4211

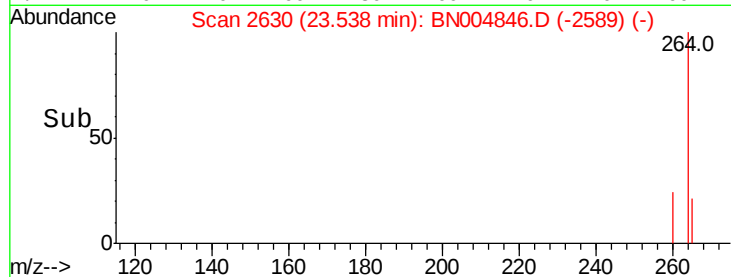
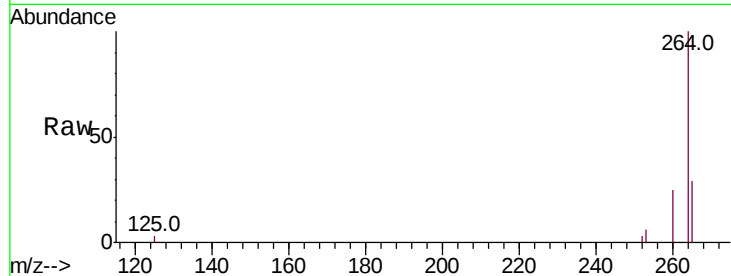
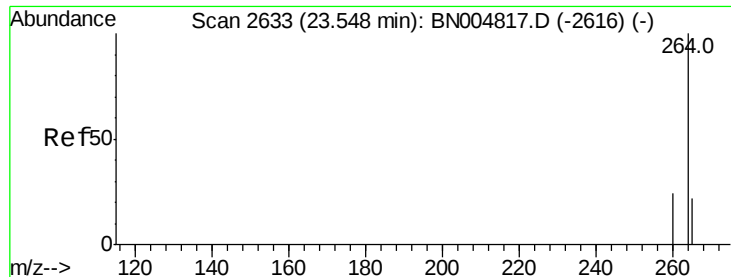
Ion Ratio Lower Upper

149 100

167 30.0 23.0 34.4

279 6.9 4.6 6.8#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2630
 Delta R.T. -0.01 min
 Lab File: BN004846.D
 Acq: 21 Mar 2019 12:54

Tot Ion:	264	Resp:	22763
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	29.1	23.1	34.7

Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-01_030819

Manual Integrations
 APPROVED

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 3/25/2019 8:52:24 AM

