

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011046.D
 Acq On : 24 Jun 2020 13:50
 Operator : CG/JU
 Sample : L3033-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SS043MW011-200615

Manual Integrations
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Quant Time: Jun 24 14:56:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	3128	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	10623	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	6296	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	12616	0.40	ng	0.00
29) Chrysene-d12	21.11	240	12031	0.40	ng	0.00
36) Perylene-d12	23.25	264	13342	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	1043	0.12	ng	0.00
5) Phenol-d6	6.73	99	549	0.05	ng	0.02
8) Nitrobenzene-d5	8.66	82	2678	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.86	152	3962	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	744	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	6285	0.21	ng	0.00
27) Fluoranthene-d10	18.94	212	9358	0.23	ng	0.00
31) Terphenyl-d14	19.55	244	10229	0.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	601085m	142.940	ng	
6) bis(2-Chloroethyl)ether	6.97	93	191356	21.218	ng	95
9) Naphthalene	10.32	128	4610	0.143	ng	# 91
12) 2-Methylnaphthalene	11.94	142	2147	0.099	ng	# 85
17) Acenaphthene	14.21	154	22672	1.064	ng	98
18) Fluorene	15.20	166	15612	0.574	ng	99
25) Phenanthrene	16.93	178	1811	0.043	ng	# 66
26) Anthracene	17.02	178	2108	0.060	ng	# 86
28) Fluoranthene	18.97	202	6856	0.141	ng	# 95
30) Pyrene	19.33	202	4482	0.097	ng	# 91
34) Bis(2-ethylhexyl)phthalate	21.05	149	2092	0.125	ng	# 89

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

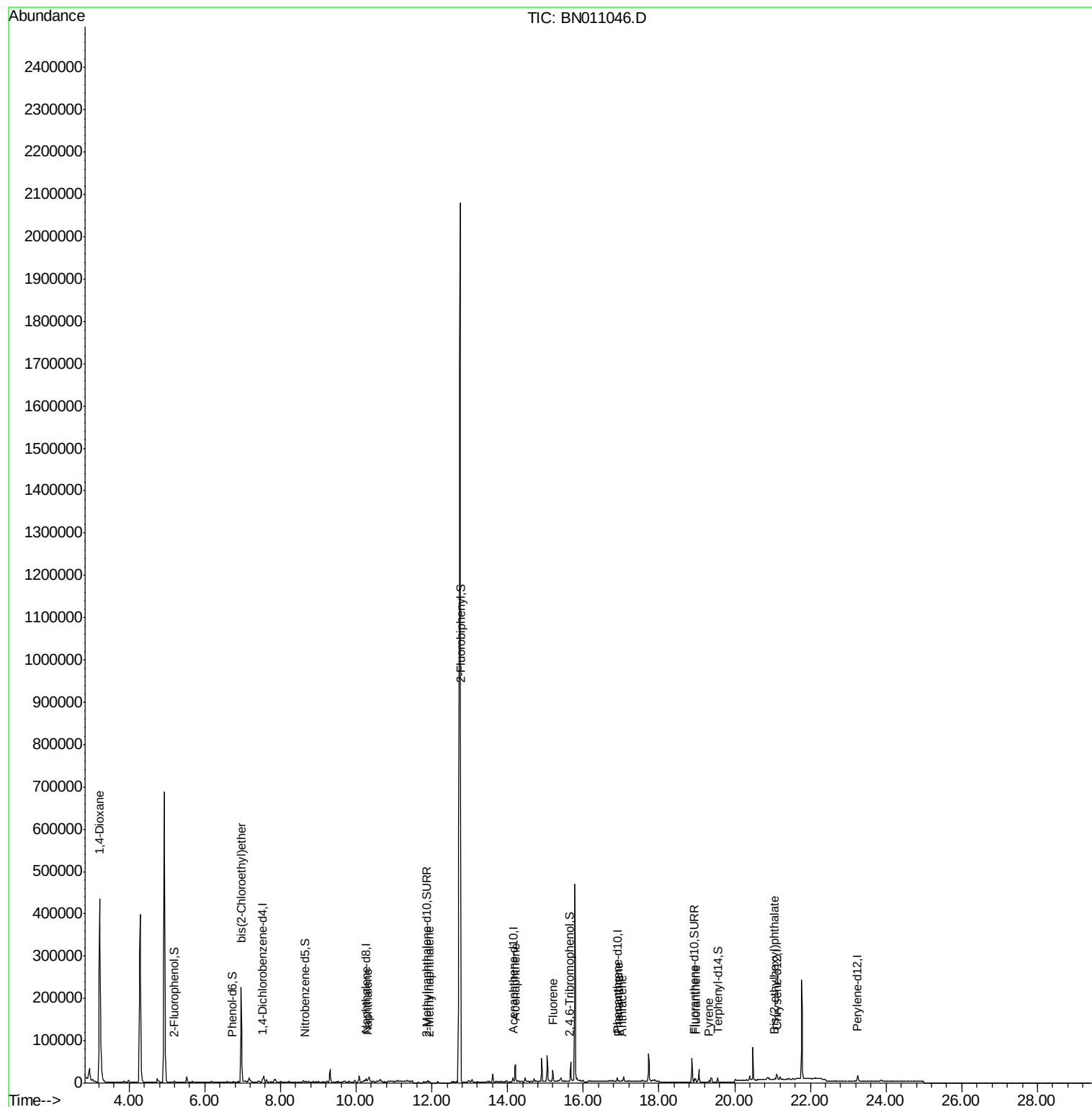
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011046.D
Acq On : 24 Jun 2020 13:50
Operator : CG/JU
Sample : L3033-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

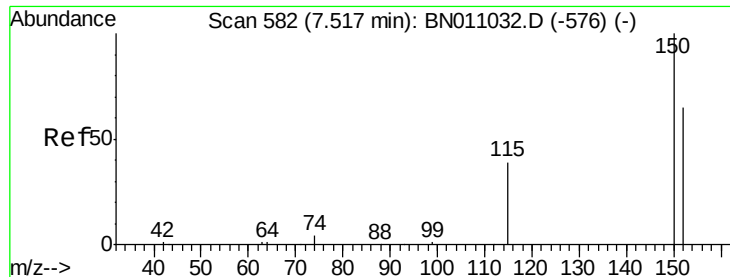
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
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#1

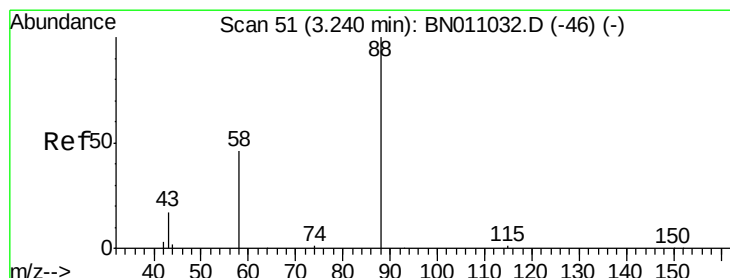
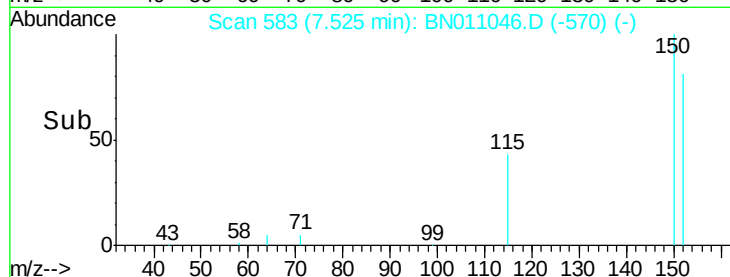
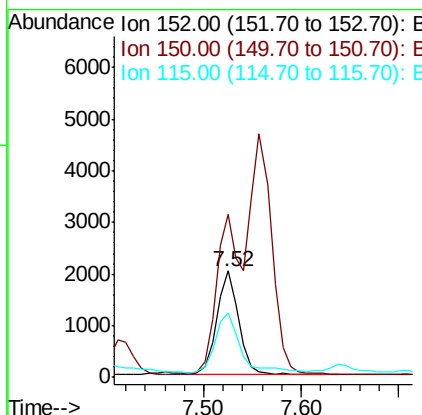
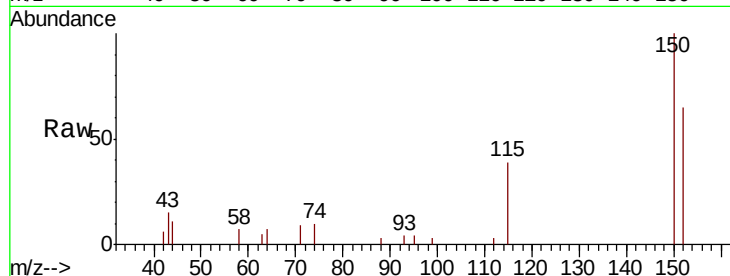
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.8	182.8
115	60.3	50.2	75.2

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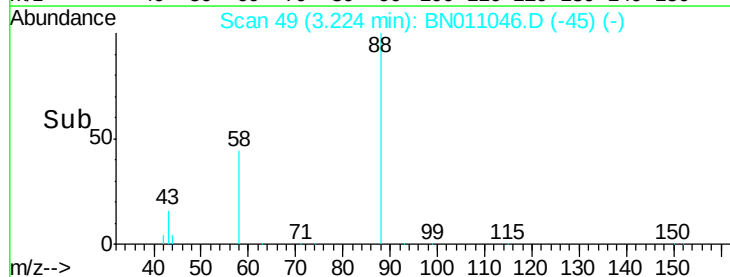
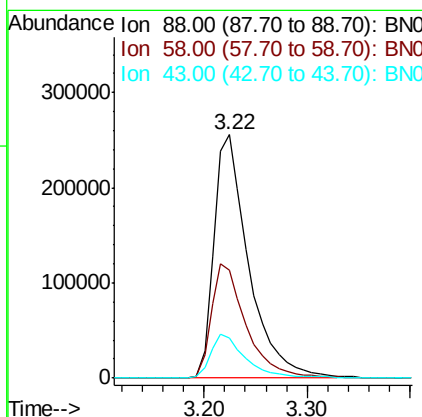
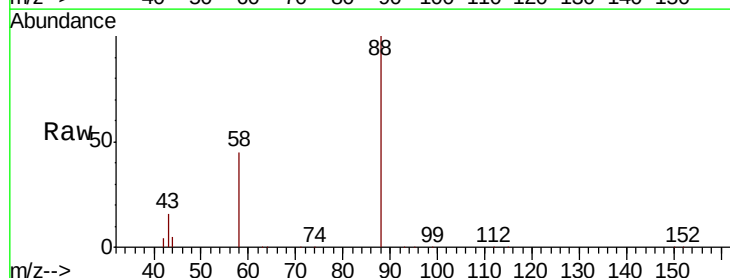
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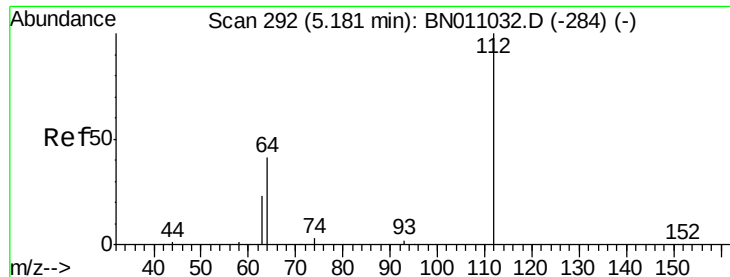


#2

1,4-Dioxane
Concen: 142.940 ng m
RT: 3.22 min Scan# 49
Delta R.T. -0.02 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	36.6	38.4	57.6#
43	13.2	14.2	21.4#





#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Instrument :

BNA_N

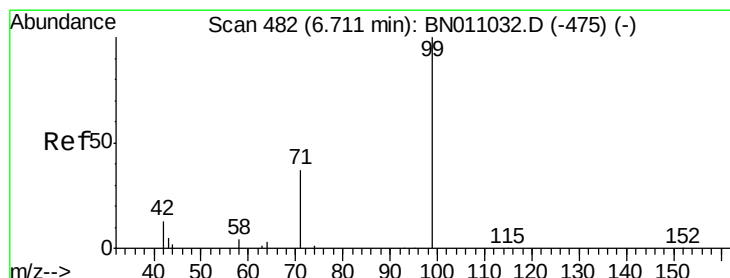
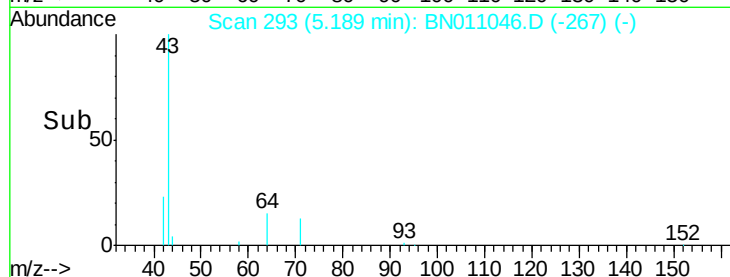
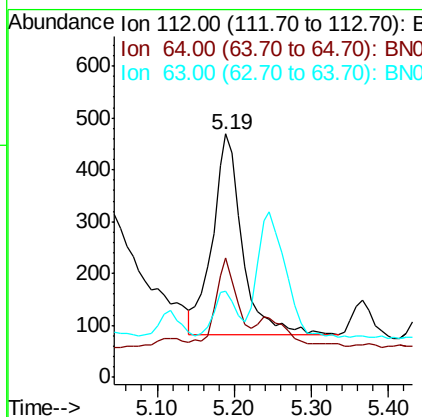
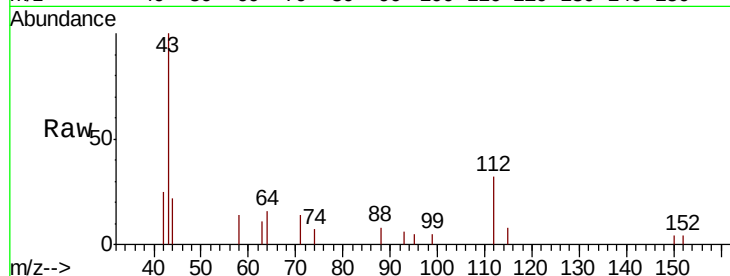
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
64	33.5	37.3	55.9#		
63	17.8	20.4	30.6#		

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#5

Phenol-d6

Concen: 0.053 ng

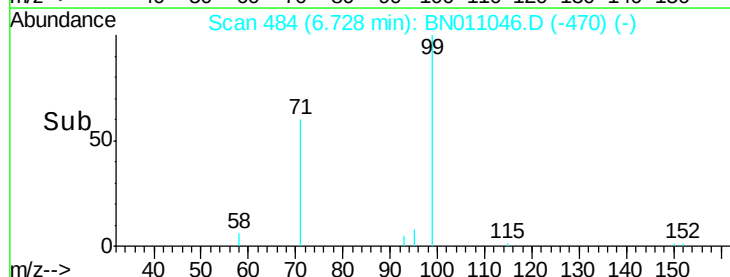
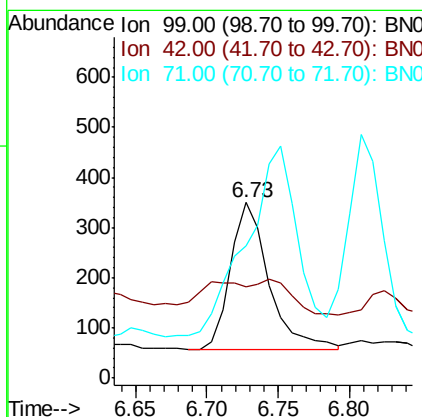
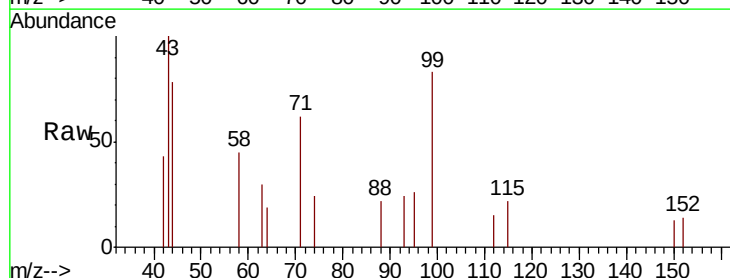
RT: 6.73 min Scan# 484

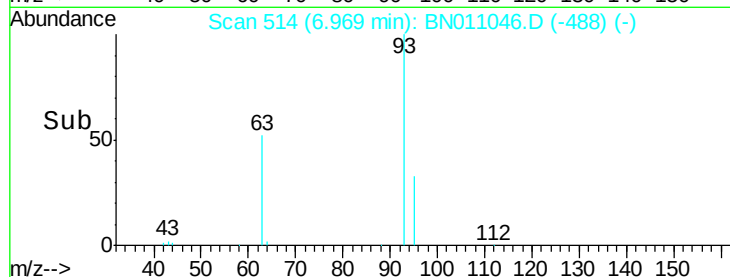
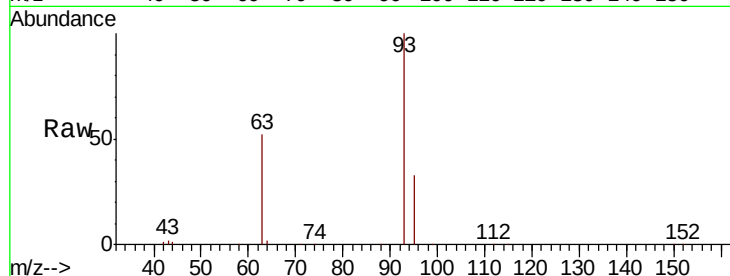
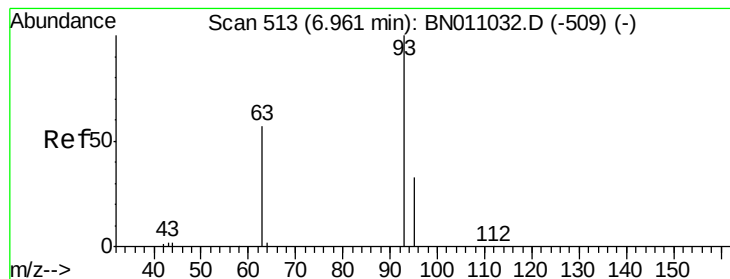
Delta R.T. 0.02 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	0.0	10.6	16.0#		
71	0.0	28.7	43.1#		





#6

bis(2-Chloroethyl)ether

Concen: 21.218 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Tot Ion:	93	Resp:	191356
Ion	Ratio	Lower	Upper
93	100		
63	58.6	43.7	65.5
95	33.1	25.3	37.9

Instrument :

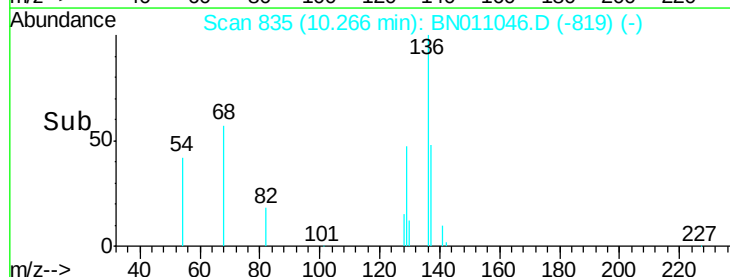
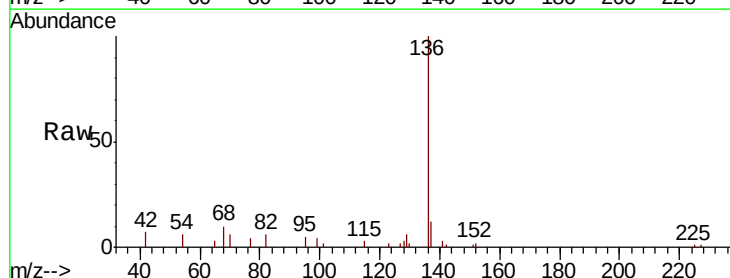
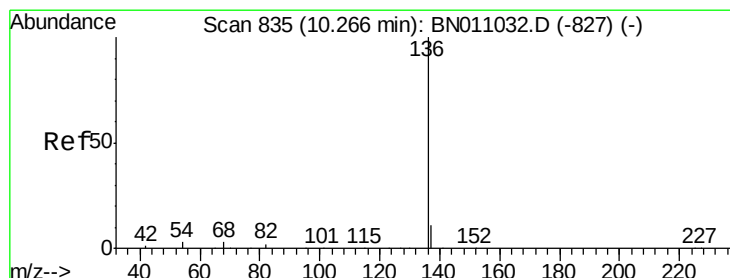
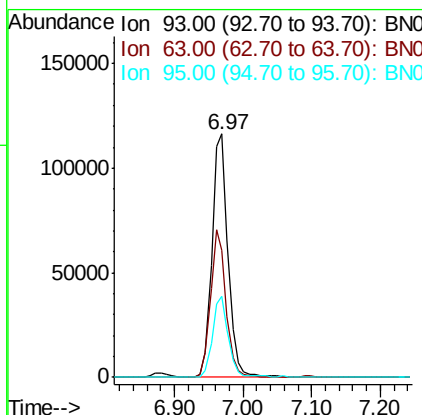
BNA_N

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

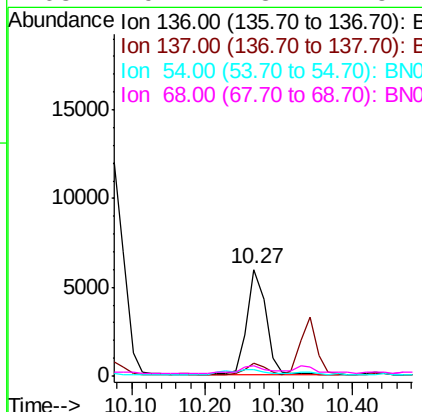
RT: 10.27 min Scan# 835

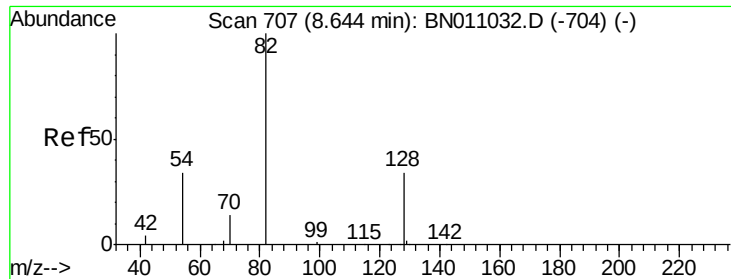
Delta R.T. 0.00 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Tgt Ion:	136	Resp:	10623
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	6.3	3.0	4.4#
68	9.7	3.4	5.2#





#8

Nitrobenzene-d5

Concen: 0.277 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Instrument :

BNA_N

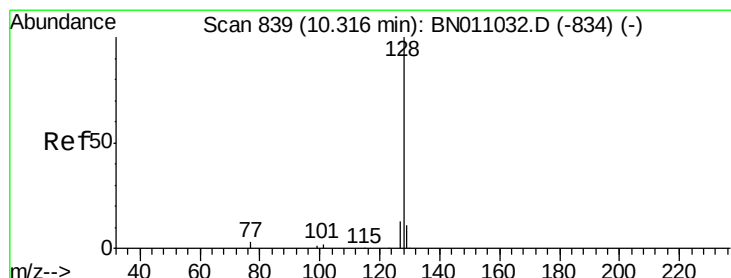
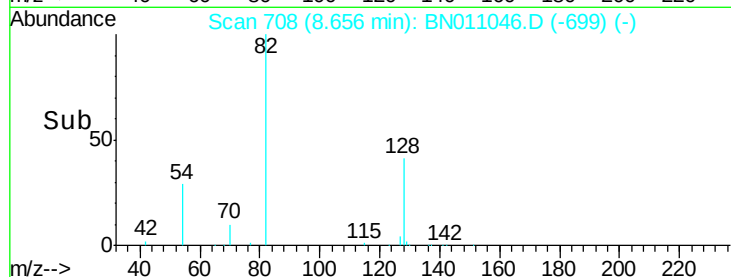
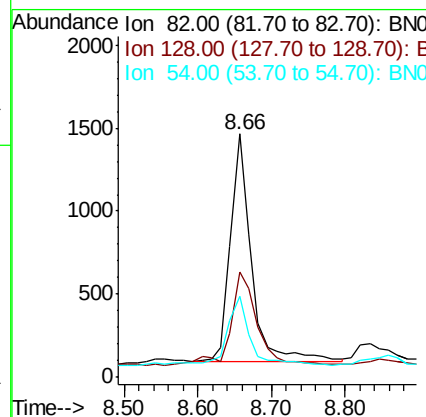
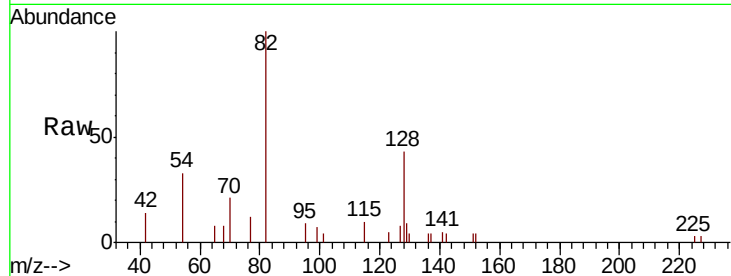
ClientSampleId :

SS043MW011-200615

Tot Ion:	82	Resp:	2678
Ion	Ratio	Lower	Upper
82	100		
128	43.1	29.4	44.2
54	33.2	28.8	43.2

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#9

Naphthalene

Concen: 0.143 ng

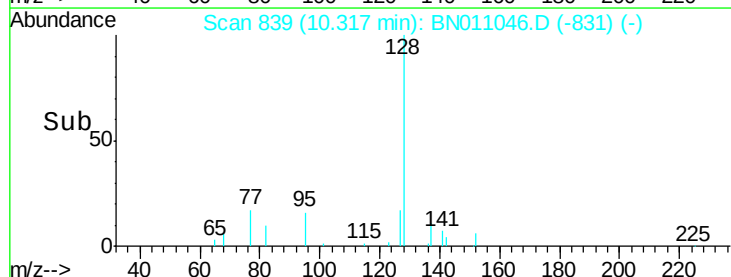
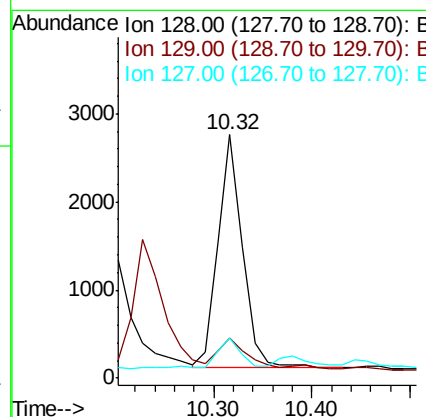
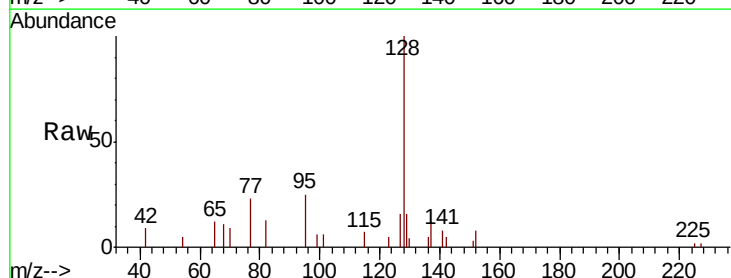
RT: 10.32 min Scan# 839

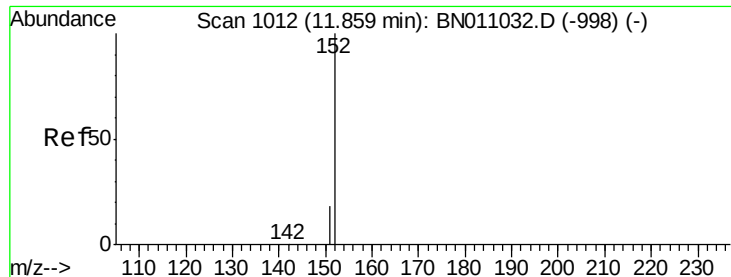
Delta R.T. 0.00 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Tgt Ion:	128	Resp:	4610
Ion	Ratio	Lower	Upper
128	100		
129	16.5	9.8	14.6#
127	16.4	10.9	16.3#





#11

2-Methylnaphthalene-d10

Concen: 0.211 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Instrument :

BNA_N

ClientSampleId :

SS043MW011-200615

Tot Ion:152 Resp: 3962

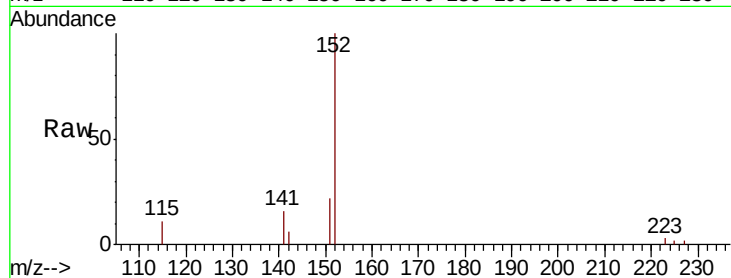
Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

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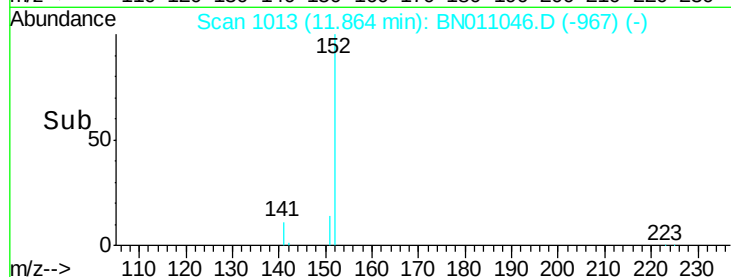
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86



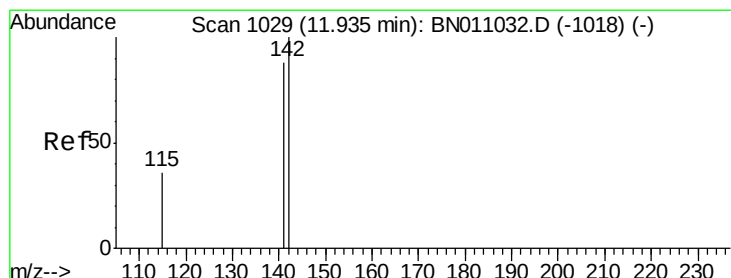
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

Time-->



#12

2-Methylnaphthalene

Concen: 0.099 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

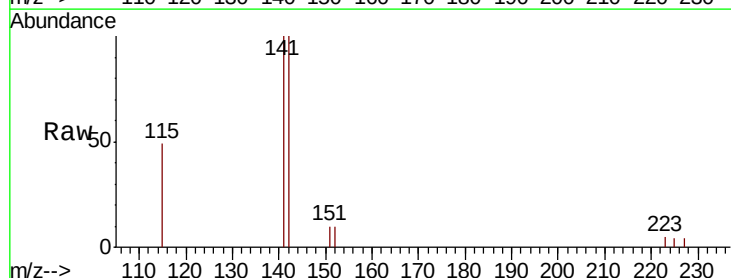
Tgt Ion:142 Resp: 2147

Ion Ratio Lower Upper

142 100

141 100.2 70.6 106.0

115 49.0 30.2 45.2#

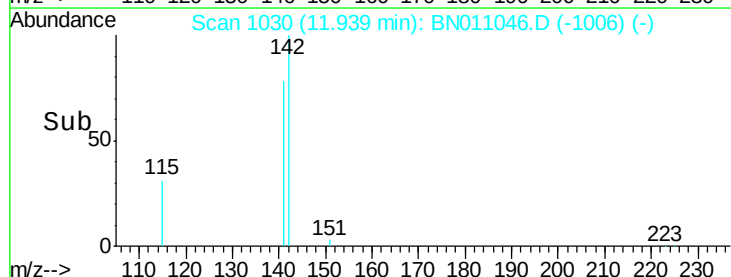


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.94



Abundance

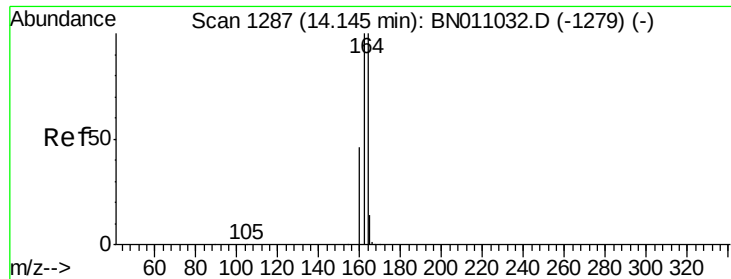
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.94

Time-->



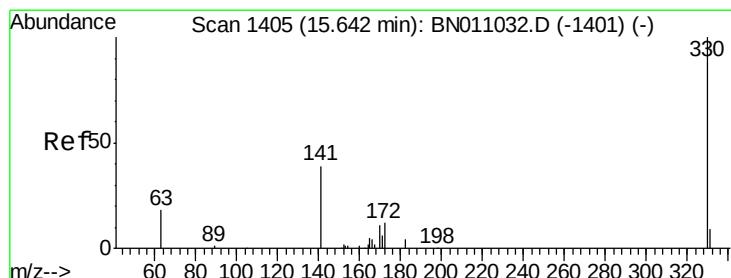
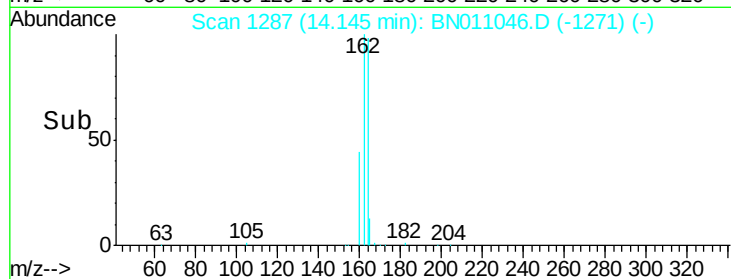
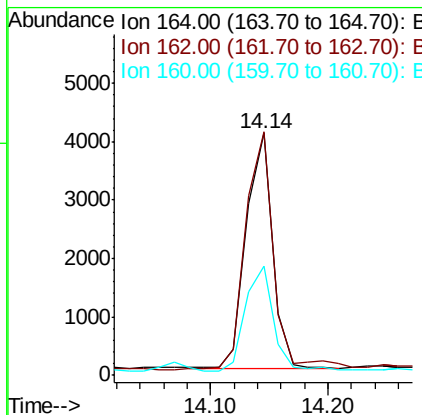
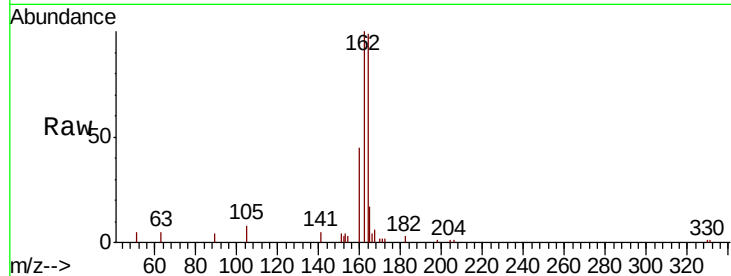
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Instrument :
BNA_N
ClientSampleId :
SS043MW011-200615

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.4
160	45.3	37.7	56.5

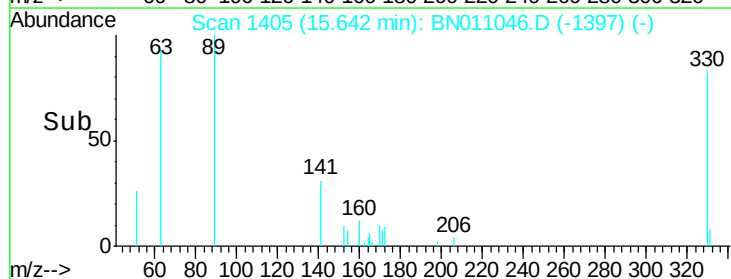
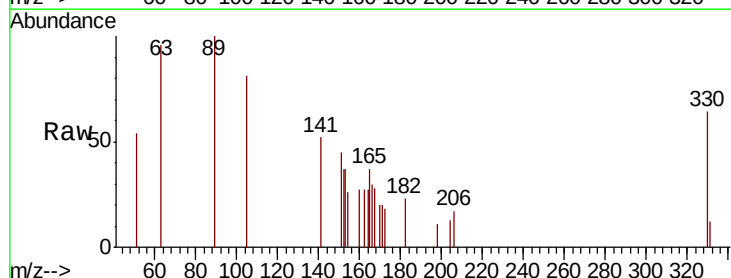
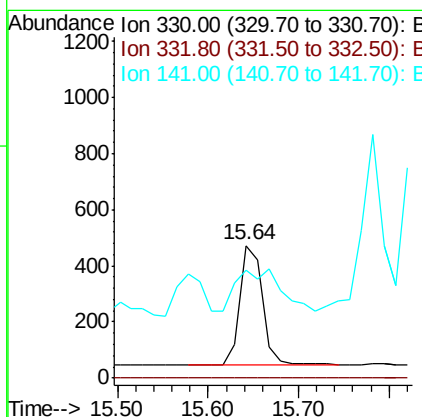
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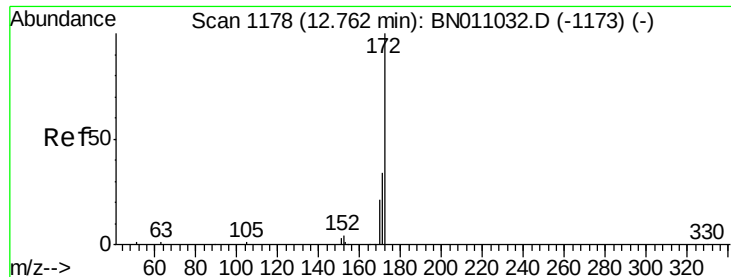
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#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.64 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	34.5	51.7#





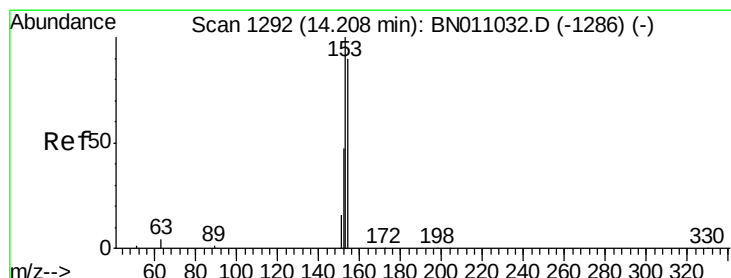
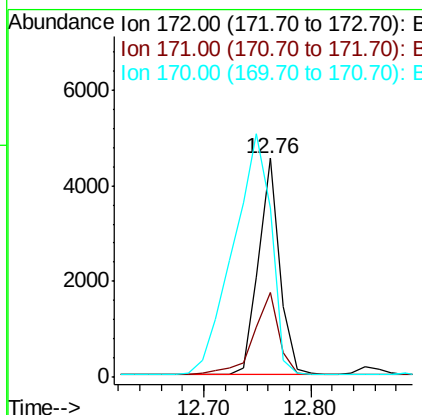
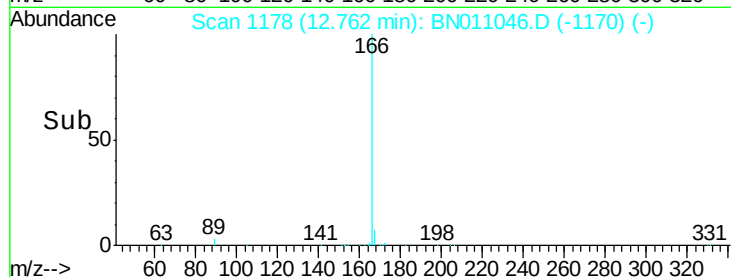
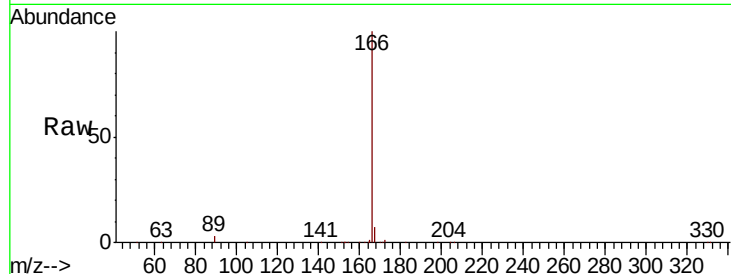
#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Instrument :
BNA_N
ClientSampleId :
SS043MW011-200615

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.4	41.2
170	77.1	17.5	26.3

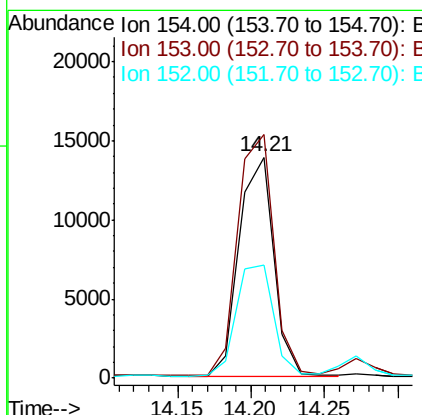
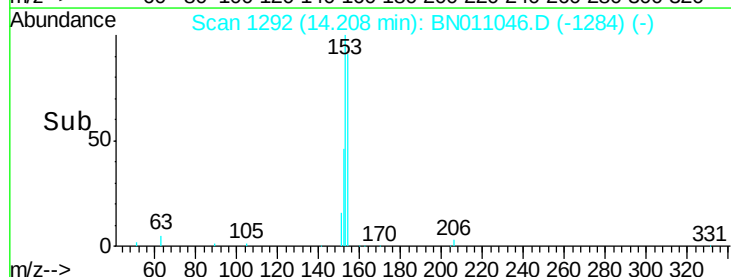
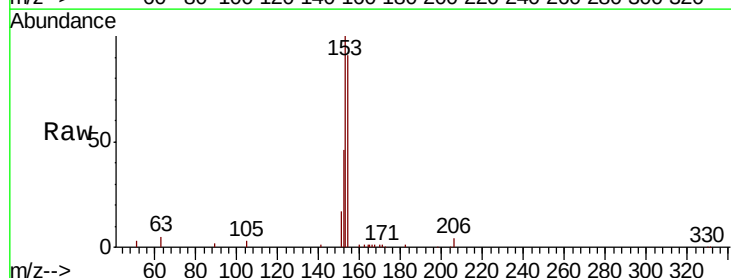
Manual Integrations
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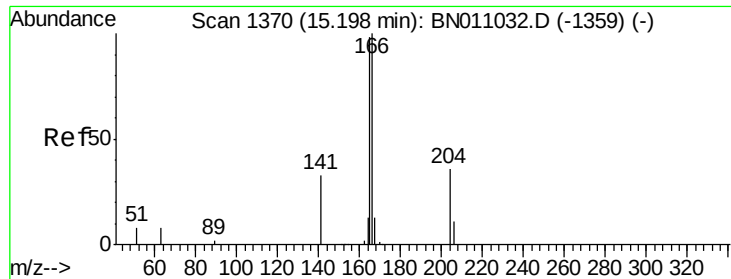
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#17
Acenaphthene
Concen: 1.064 ng
RT: 14.21 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.3	138.5
152	54.6	45.5	68.3





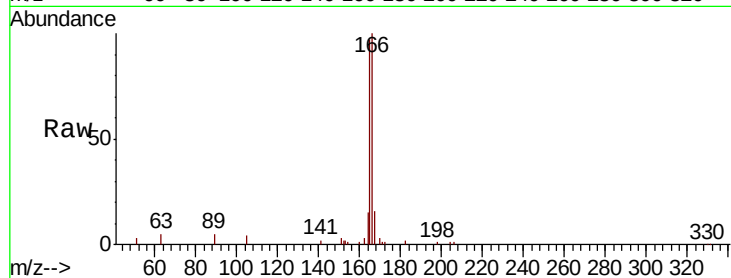
#18
Fluorene
Concen: 0.574 ng
RT: 15.20 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Instrument :
BNA_N
ClientSampleId :
SS043MW011-200615

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	14.1	10.8	16.2

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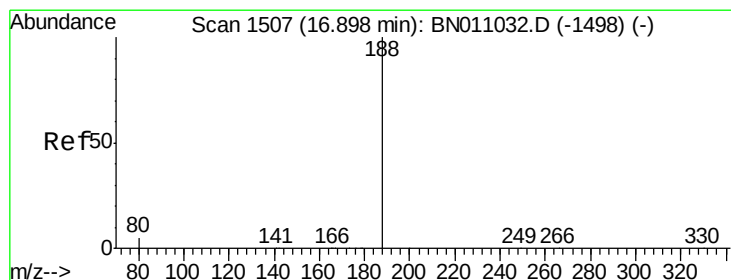
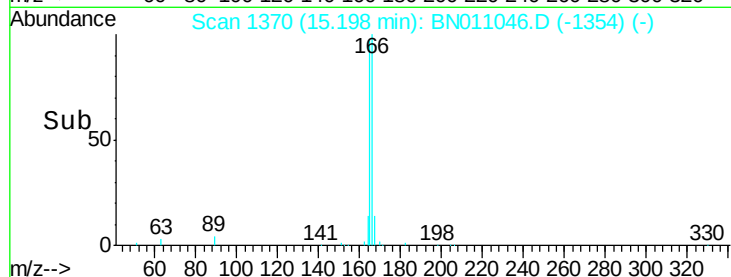
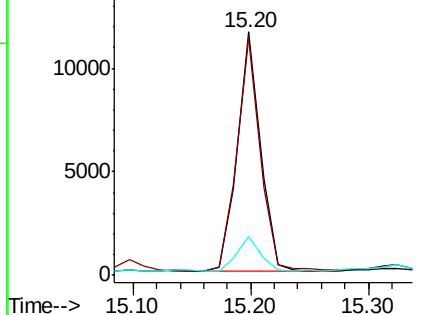


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

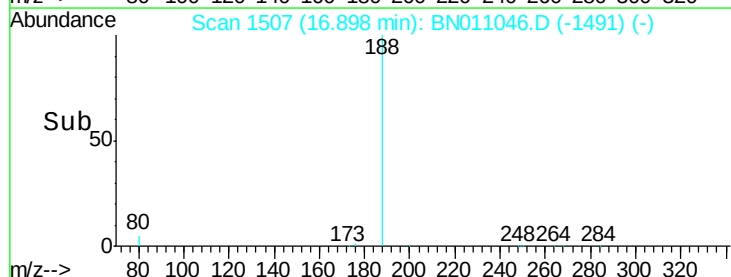
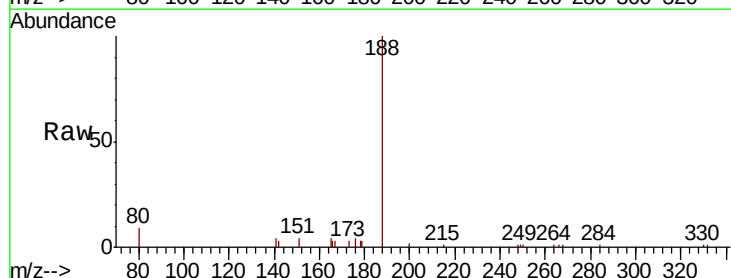
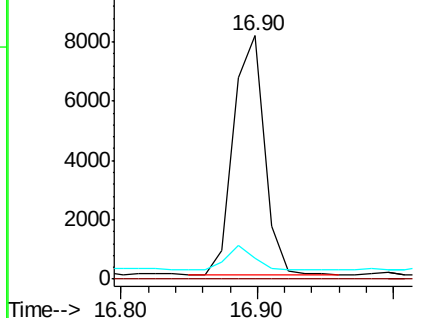
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	4.6	7.0#

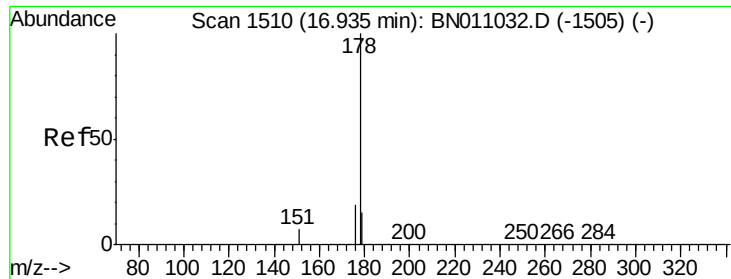
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Phenanthrene

Concen: 0.043 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Instrument :

BNA_N

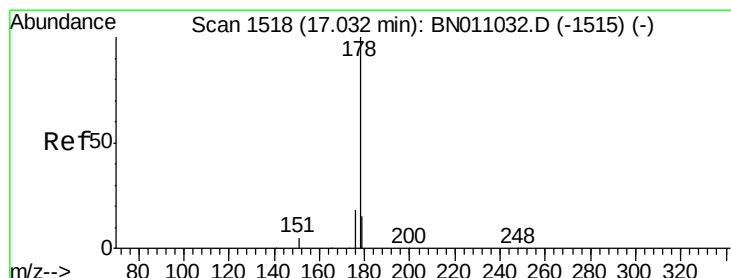
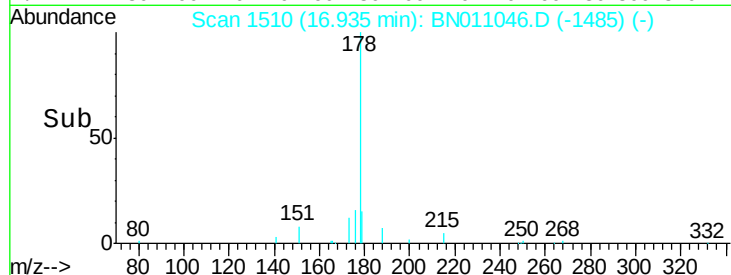
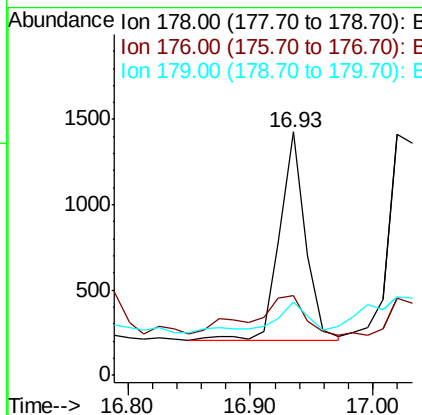
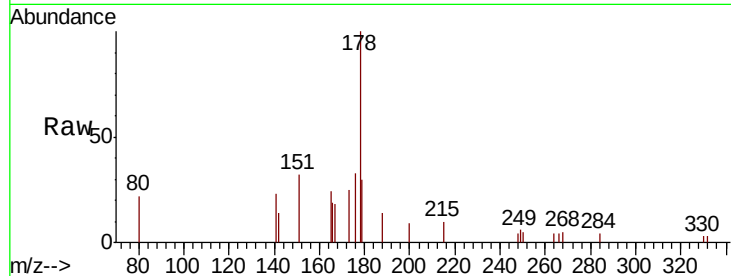
ClientSampleId :

SS043MW011-200615

Tot Ion:	178	Resp:	1811
Ion Ratio	Lower	Upper	
178	100		
176	44.5	15.0	22.6#
179	13.4	12.3	18.5

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#26

Anthracene

Concen: 0.060 ng

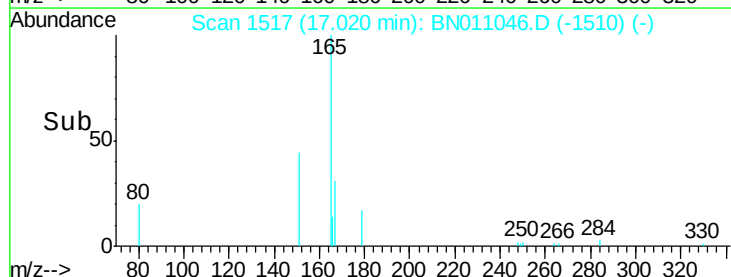
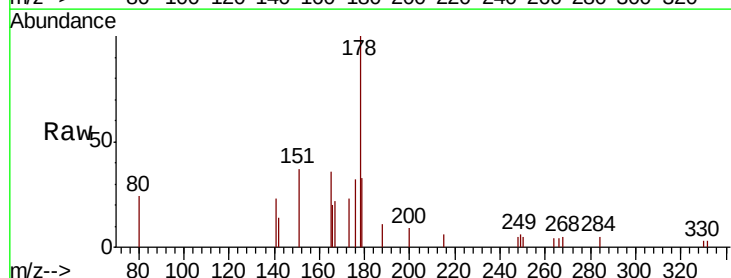
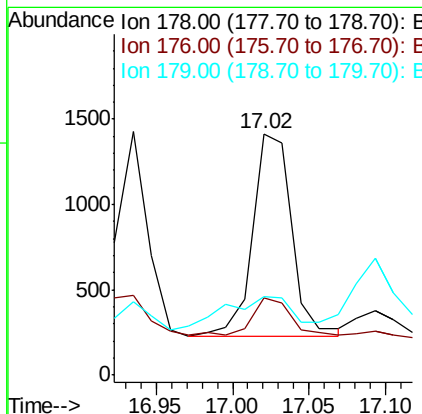
RT: 17.02 min Scan# 1517

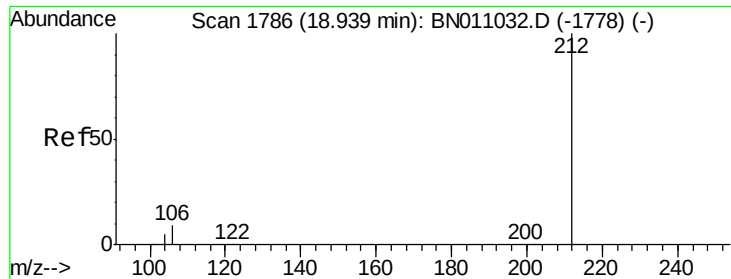
Delta R.T. -0.01 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Tgt Ion:	178	Resp:	2108
Ion Ratio	Lower	Upper	
178	100		
176	17.5	14.7	22.1
179	26.9	12.2	18.4#





#27

Fluoranthene-d10

Concen: 0.234 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Instrument :

BNA_N

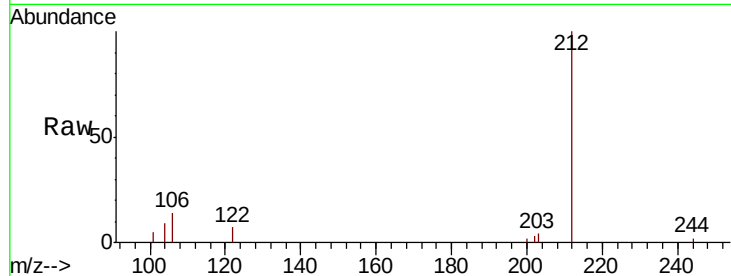
ClientSampleId :

SS043MW011-200615

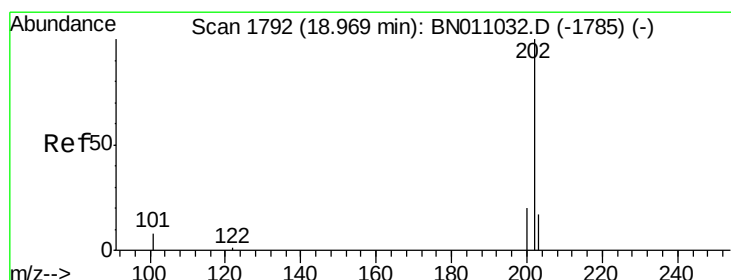
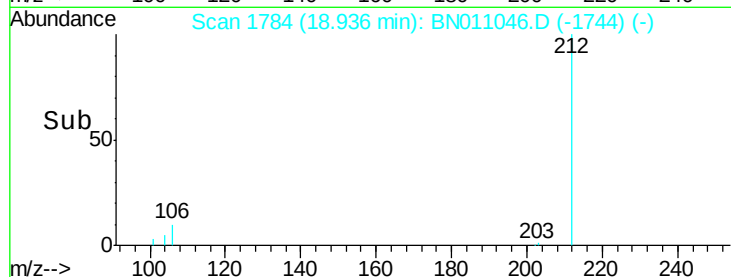
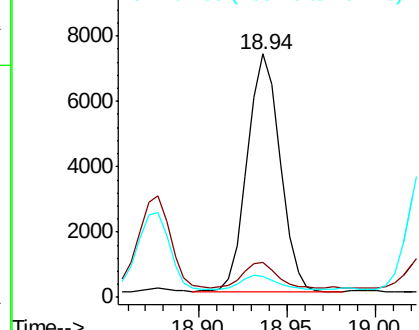
Tot Ion:	212	Resp:	9358
Ion Ratio	Lower	Upper	
212	100		
106	11.0	7.7	11.5
104	6.1	4.6	6.8

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 0.141 ng

RT: 18.97 min Scan# 1790

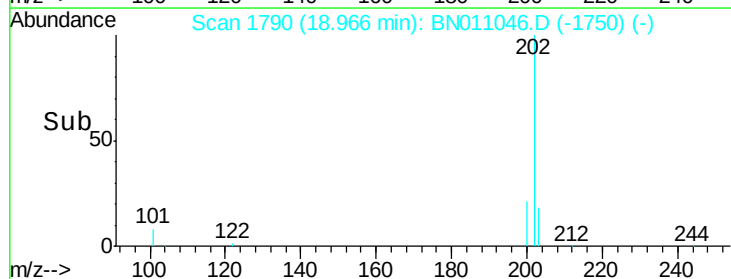
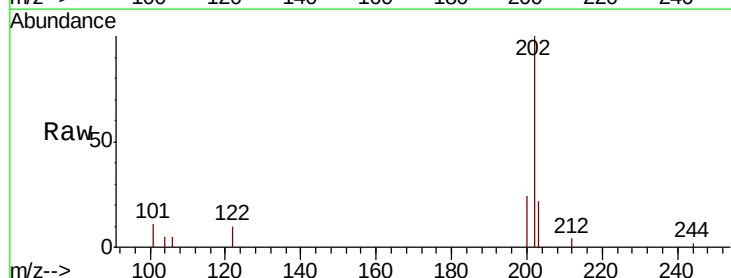
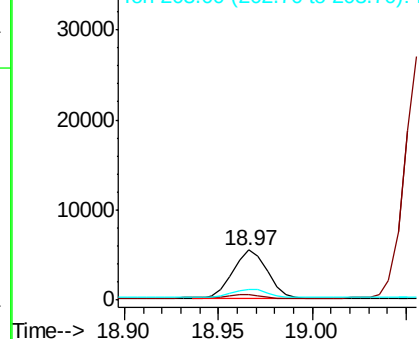
Delta R.T. -0.00 min

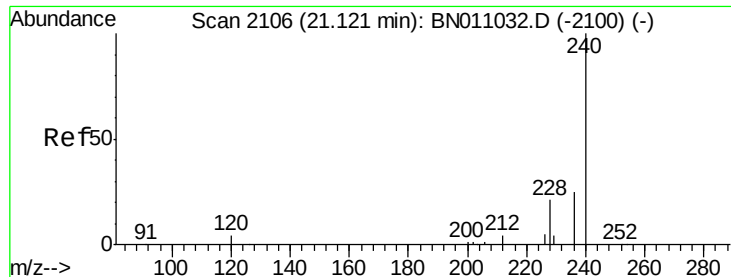
Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Tgt Ion:	202	Resp:	6856
Ion Ratio	Lower	Upper	
202	100		
101	13.8	6.6	10.0#
203	17.5	13.8	20.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





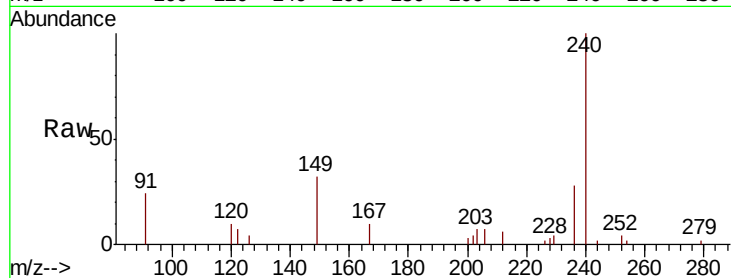
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Instrument :
BNA_N
ClientSampleId :
SS043MW011-200615

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.4	8.0#
236	27.8	21.4	32.2

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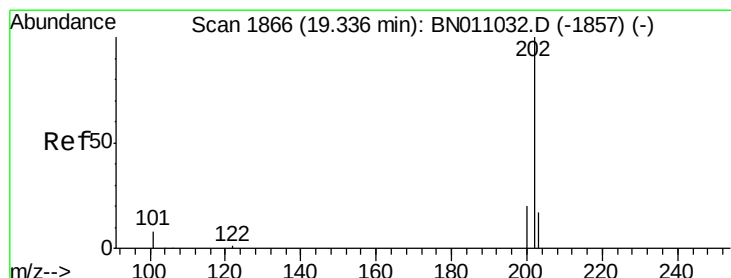
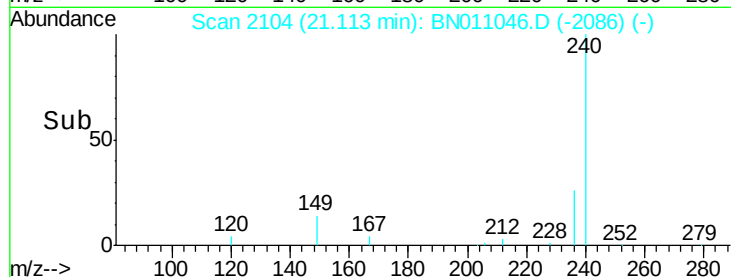
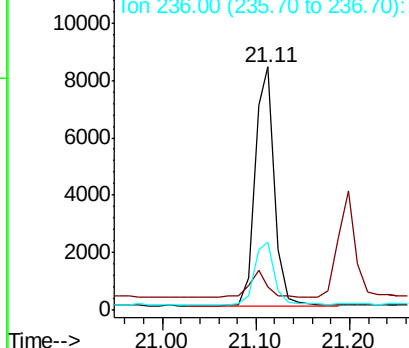


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#30
Pyrene
Concen: 0.097 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

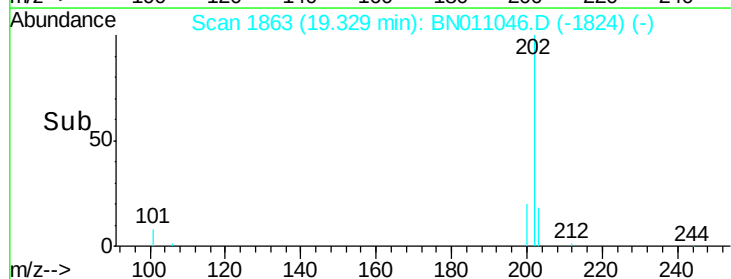
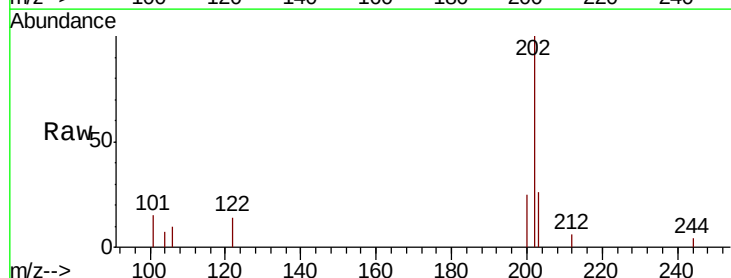
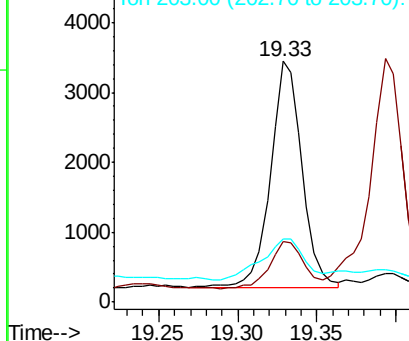
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.6	24.8
203	24.1	14.2	21.2#

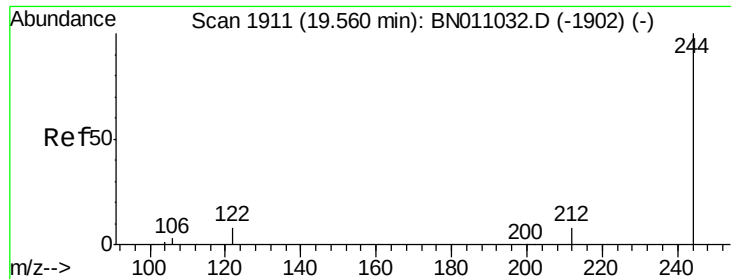
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.317 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Instrument :

BNA_N

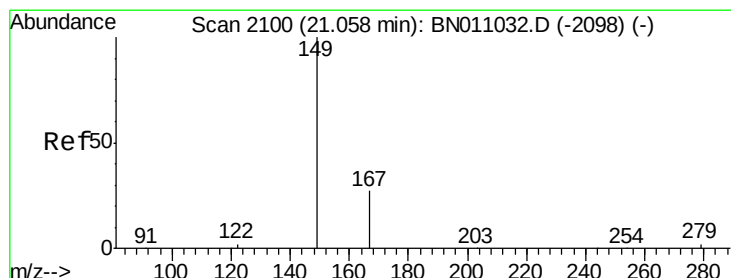
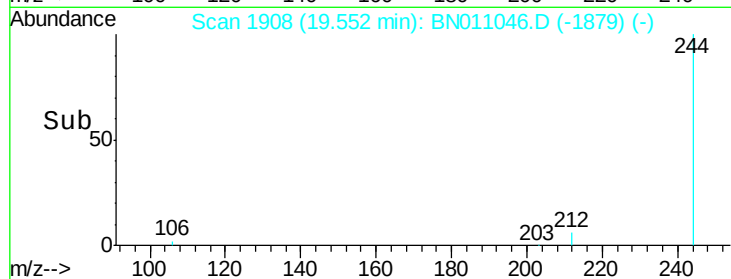
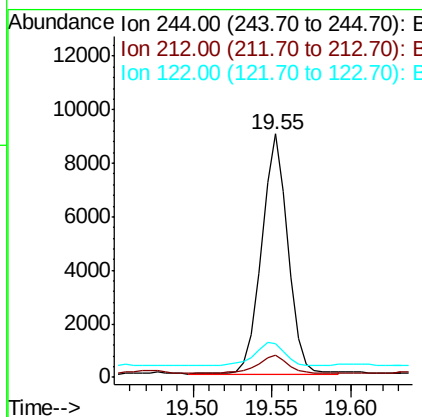
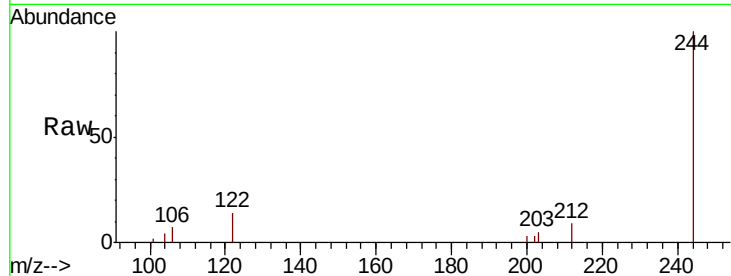
ClientSampleId :

SS043MW011-200615

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.9	10.3
122	14.0	7.4	11.0

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#34

Bis(2-ethylhexyl)phthalate

Concen: 0.125 ng

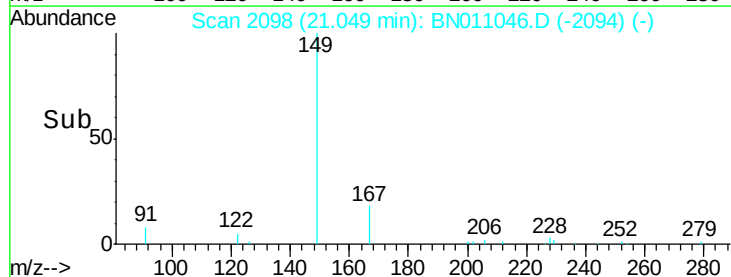
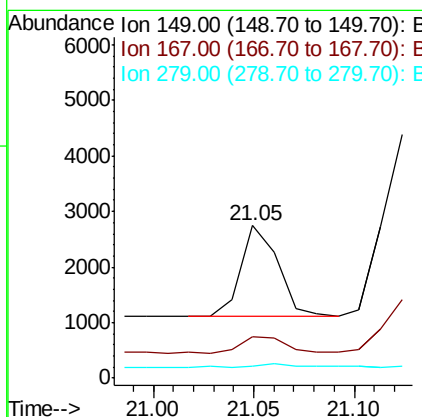
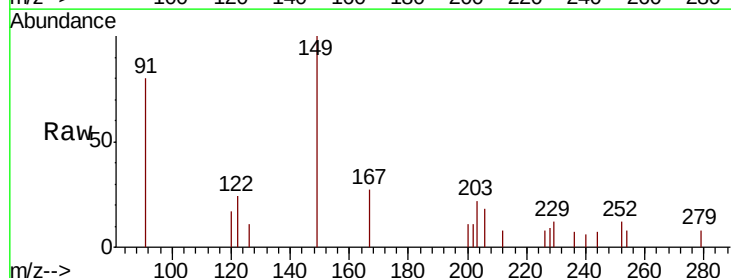
RT: 21.05 min Scan# 2098

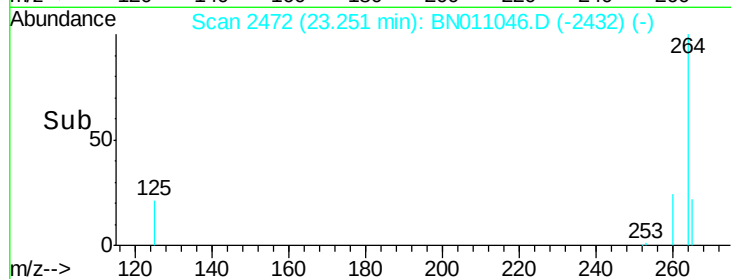
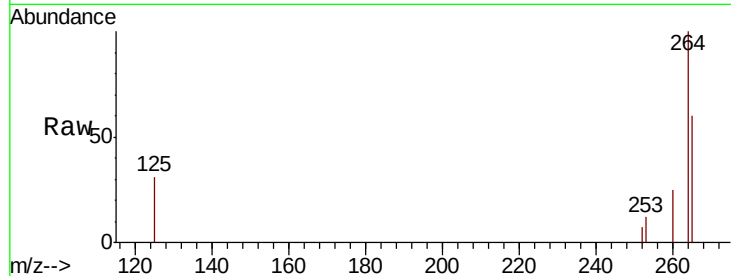
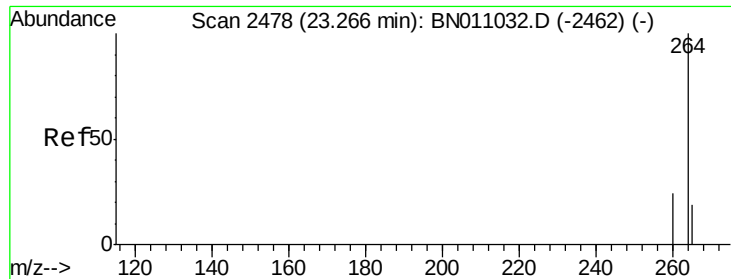
Delta R.T. -0.01 min

Lab File: BN011046.D

Acq: 24 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	21.5	22.2	33.2
279	2.6	3.9	5.9





#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN011046.D
Acq: 24 Jun 2020 13:50

Instrument :
BNA_N
ClientSampleId :
SS043MW011-200615

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	60.3	64.9	97.3

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