

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011051.D
 Acq On : 24 Jun 2020 16:50
 Operator : CG/JU
 Sample : L3033-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SS043MW009-200616

Manual Integrations
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Quant Time: Jun 25 10:04:19 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	3183	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	10281	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	14072	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	12858	0.40	ng	0.00
29) Chrysene-d12	21.11	240	14411	0.40	ng	0.00
36) Perylene-d12	23.25	264	11794	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.17	112	2684	0.30	ng	0.00
5) Phenol-d6	6.77	99	1040	0.10	ng	0.06
8) Nitrobenzene-d5	8.64	82	8935	0.95	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	6663	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	1578	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	11749	0.18	ng	0.00
27) Fluoranthene-d10	18.94	212	12470	0.31	ng	0.00
31) Terphenyl-d14	19.55	244	17318	0.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	6045	1.413	ng	# 78
6) bis(2-Chloroethyl)ether	6.97	93	18325	1.997	ng	# 80
9) Naphthalene	10.32	128	36130	1.157	ng	# 86
12) 2-Methylnaphthalene	11.93	142	884	0.042	ng	# 1
16) Acenaphthylene	13.87	152	3102	0.044	ng	# 1
17) Acenaphthene	14.21	154	2009	0.042	ng	# 71
18) Fluorene	15.20	166	5629	0.093	ng	# 86
24) Pentachlorophenol	16.56	266	123	0.040	ng	# 91
26) Anthracene	17.02	178	1378	0.038	ng	# 71
34) Bis(2-ethylhexyl)phthalate	21.05	149	1879m	0.094	ng	

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

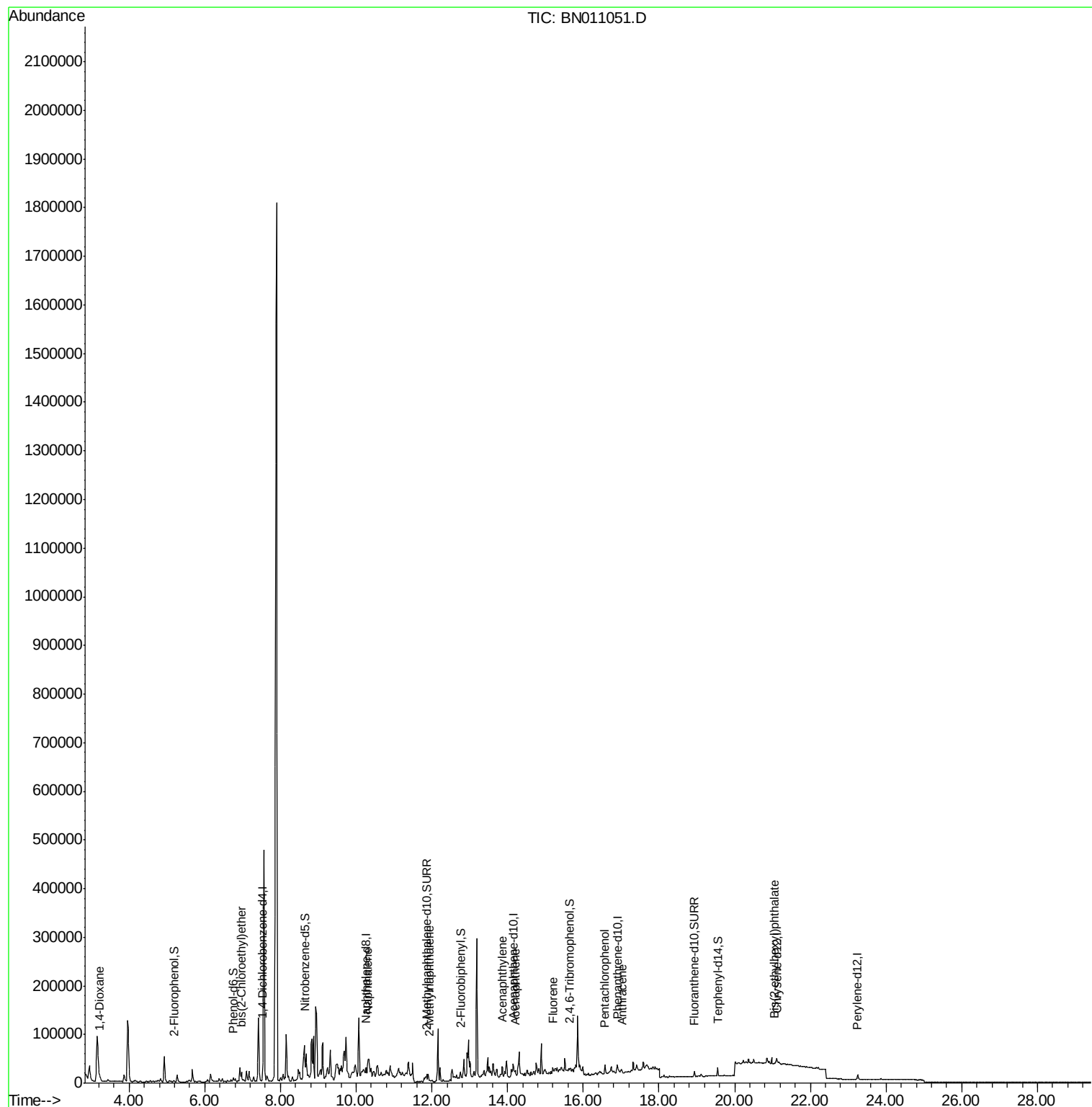
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011051.D
Acq On : 24 Jun 2020 16:50
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Sample : L3033-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

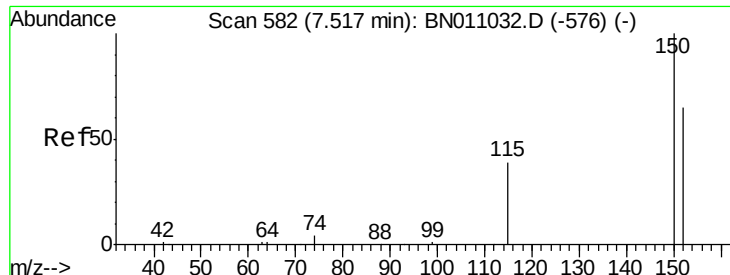
Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

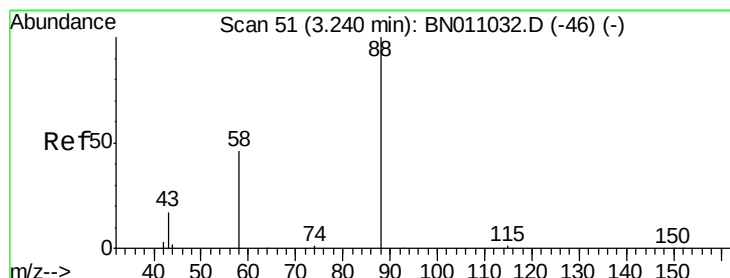
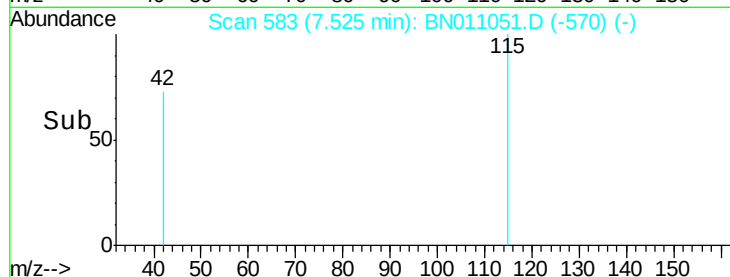
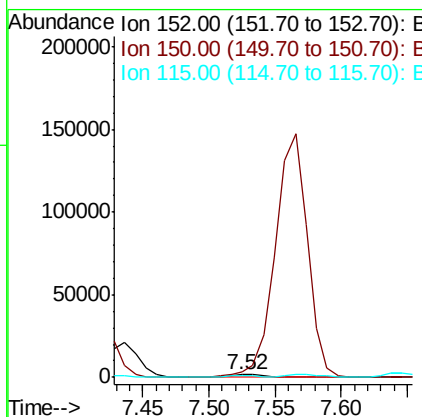
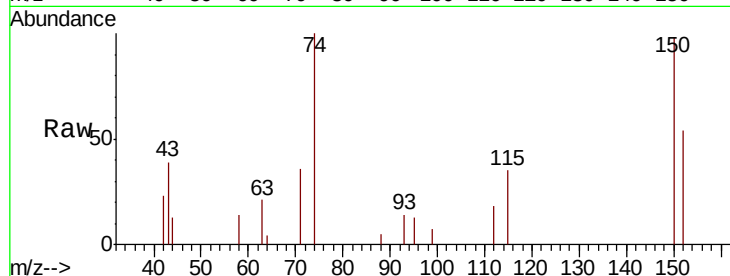
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	182.1	121.8	182.8
115	64.8	50.2	75.2

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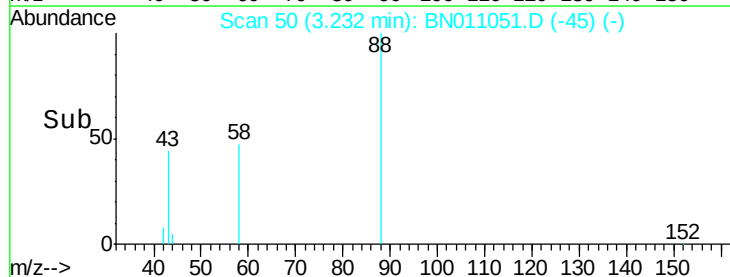
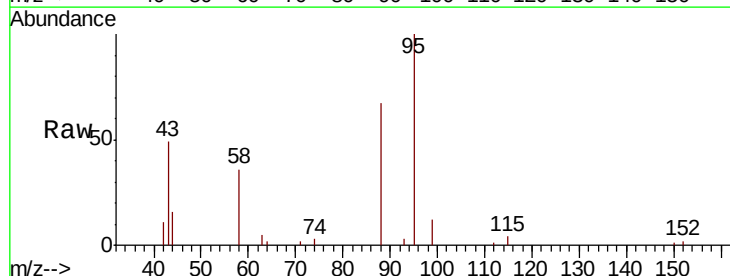
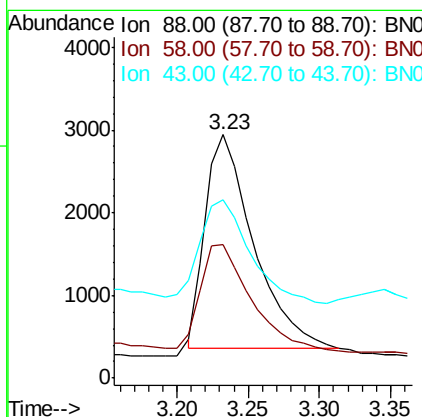
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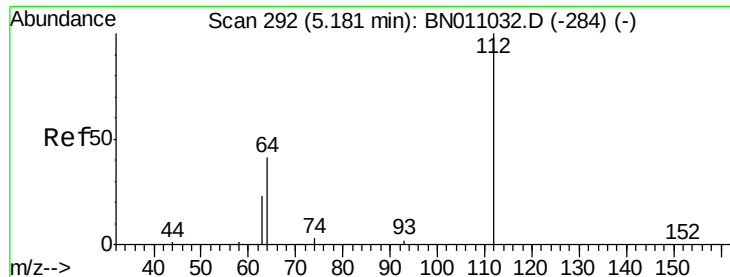


#2

1,4-Dioxane
Concen: 1.413 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.8	38.4	57.6
43	48.2	14.2	21.4





#4

2-Fluorophenol

Concen: 0.299 ng

RT: 5.17 min Scan# 291

Delta R.T. -0.01 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Instrument :

BNA_N

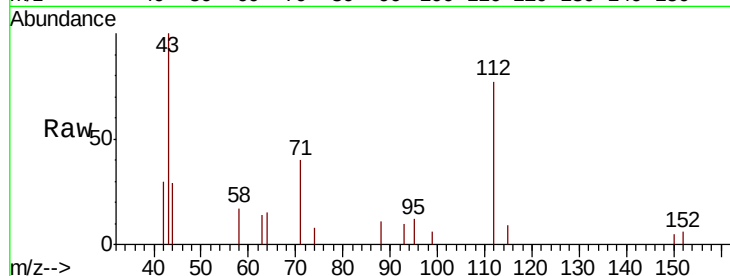
ClientSampleId :

SS043MW009-200616

Tot Ion:	112	Resp:	2684
Ion Ratio	Lower	Upper	
112	100		
64	22.8	37.3	55.9#
63	12.1	20.4	30.6#

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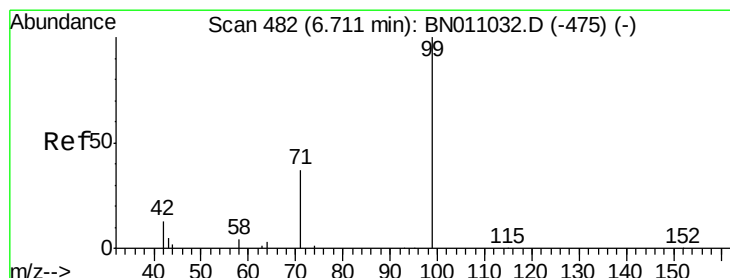
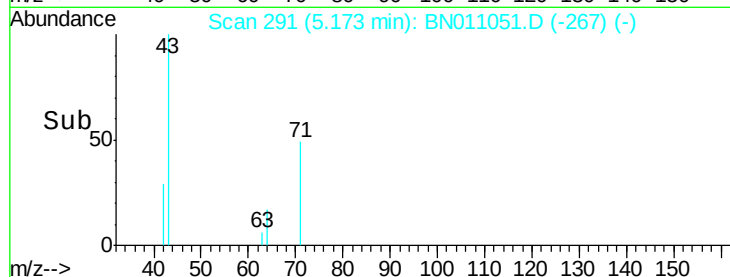
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.17

Time-->



#5

Phenol-d6

Concen: 0.098 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.06 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Tgt Ion:	99	Resp:	1040
Ion Ratio	Lower	Upper	
99	100		
42	30.8	10.6	16.0#
71	490.3	28.7	43.1#

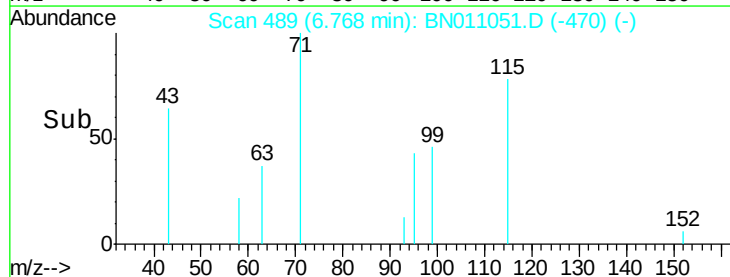
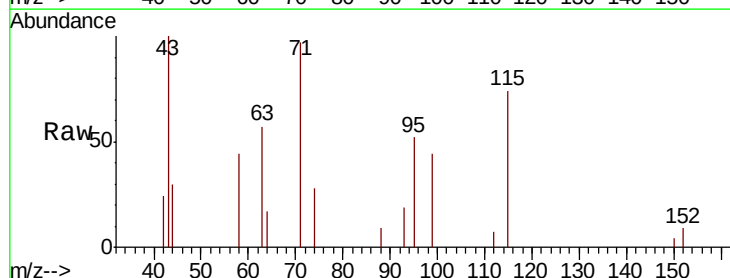
Abundance Ion 99.00 (98.70 to 99.70): B

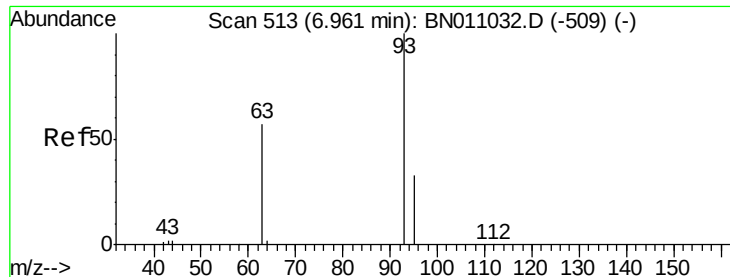
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.77

Time-->





#6

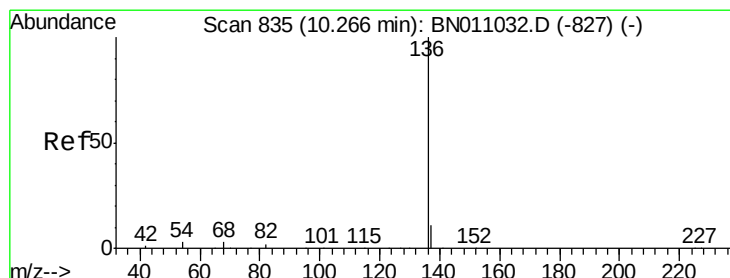
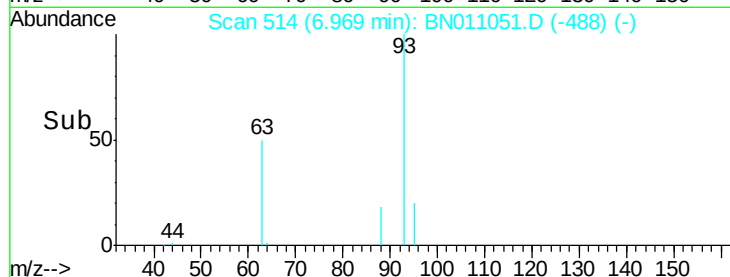
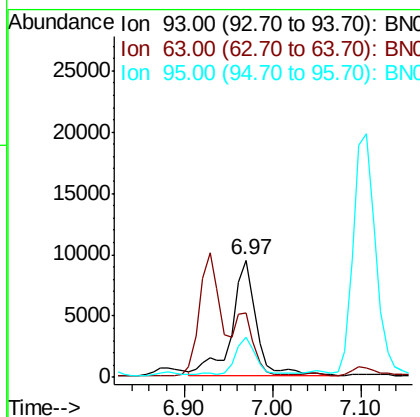
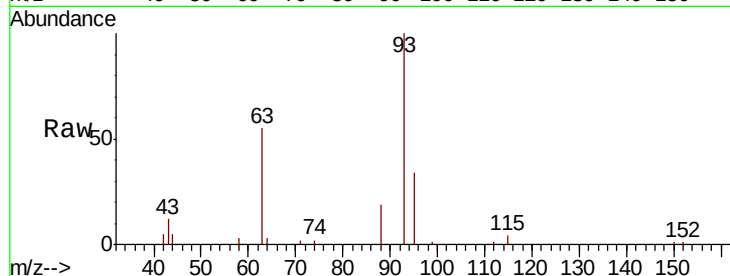
bis(2-Chloroethyl)ether
Concen: 1.997 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tot Ion	93	Resp	18325
Ion	Ratio	Lower	Upper
93	100		
63	36.6	43.7	65.5#
95	24.8	25.3	37.9#

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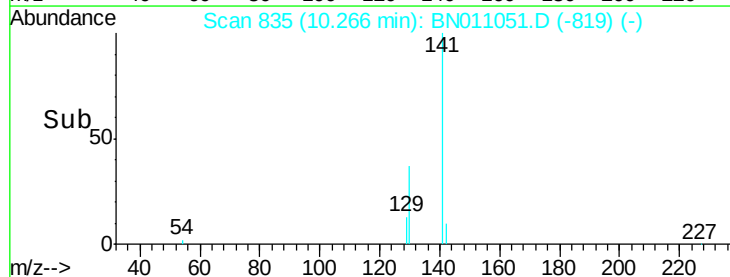
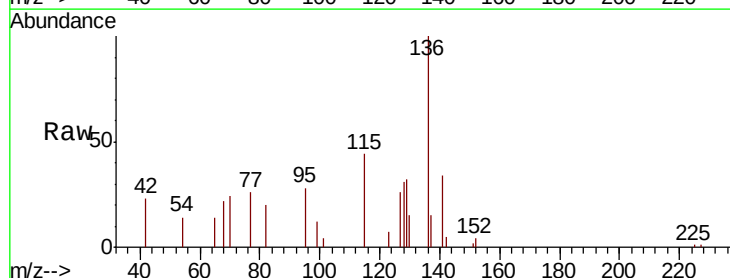
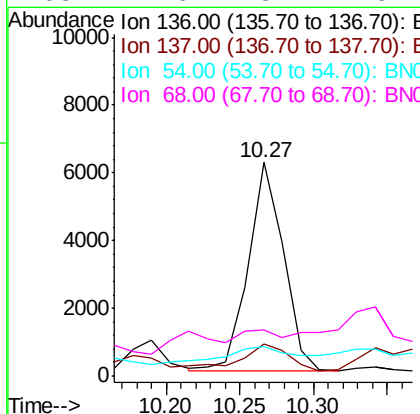
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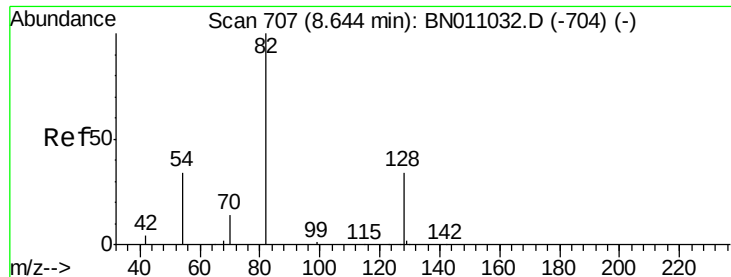


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Tgt Ion	136	Resp	10281
Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.6	14.4#
54	14.0	3.0	4.4#
68	21.6	3.4	5.2#





#8

Nitrobenzene-d5

Concen: 0.954 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Instrument :

BNA_N

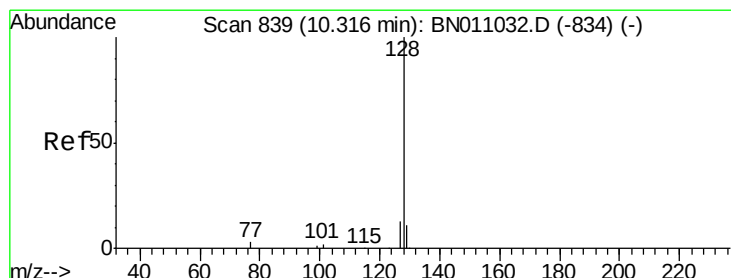
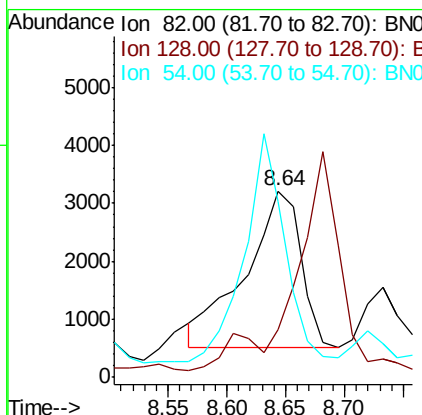
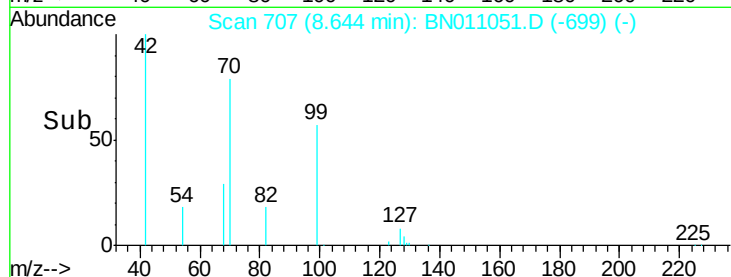
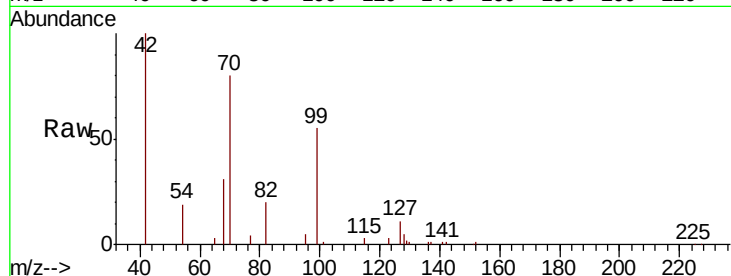
ClientSampleId :

SS043MW009-200616

Tot Ion:	82	Resp:	8935
Ion Ratio	Lower	Upper	
82	100		
128	25.9	29.4	44.2#
54	94.3	28.8	43.2#

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#9

Naphthalene

Concen: 1.157 ng

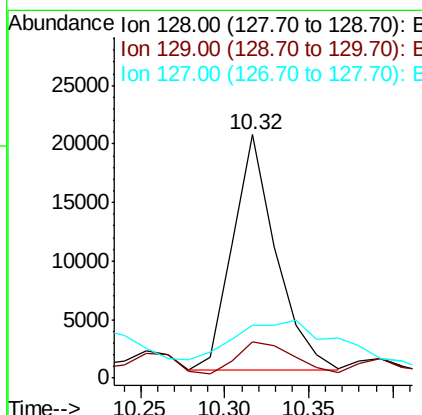
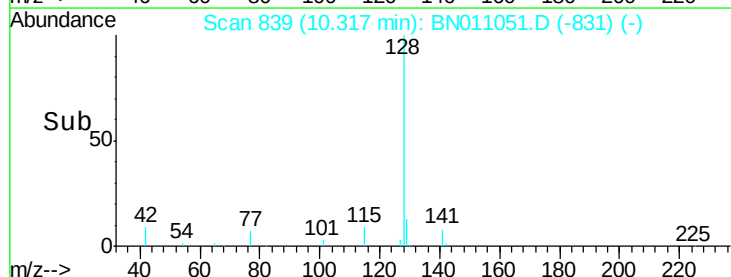
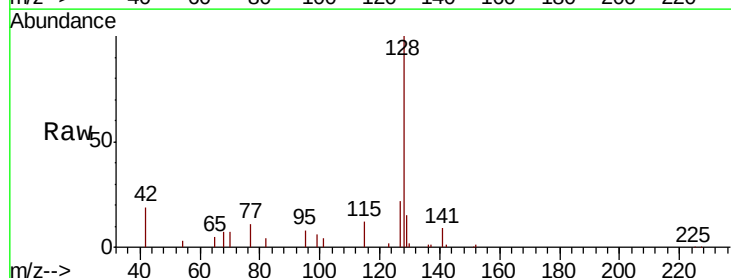
RT: 10.32 min Scan# 839

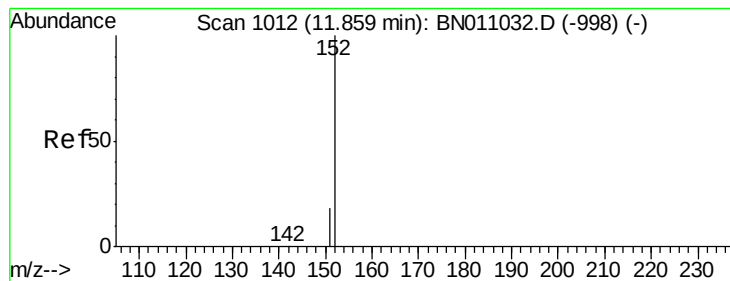
Delta R.T. 0.00 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Tgt Ion:	128	Resp:	36130
Ion Ratio	Lower	Upper	
128	100		
129	15.0	9.8	14.6#
127	21.6	10.9	16.3#





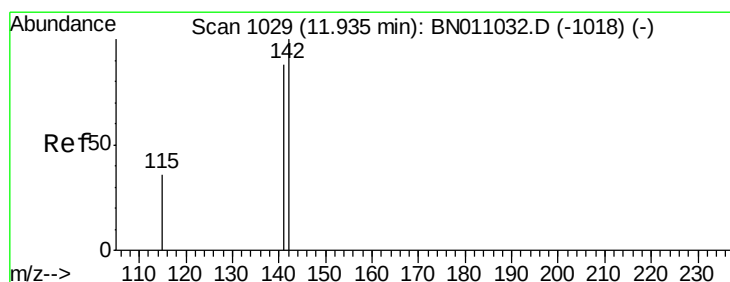
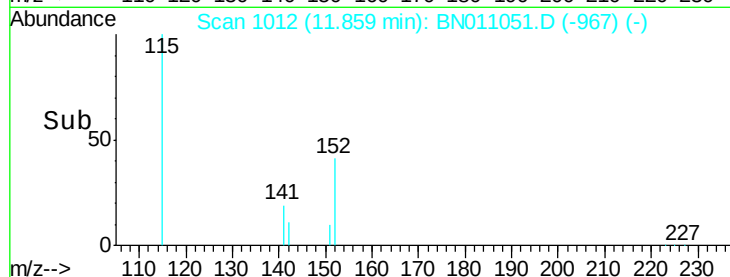
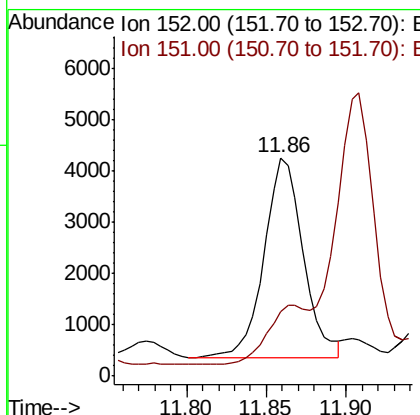
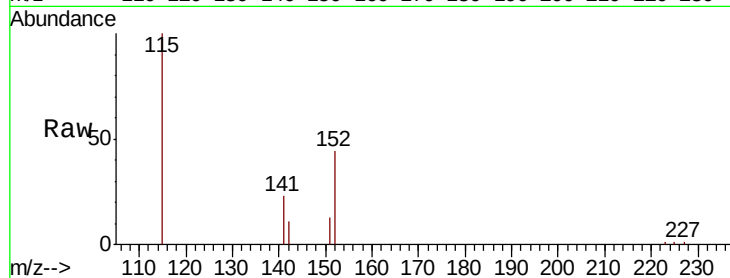
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 11.86 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tot Ion:152 Resp: 6663
Ion Ratio Lower Upper
152 100
151 31.4 16.2 24.4#

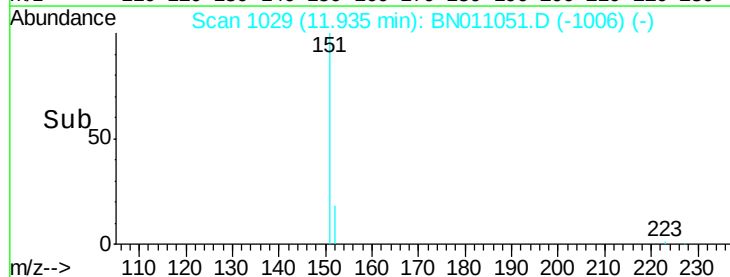
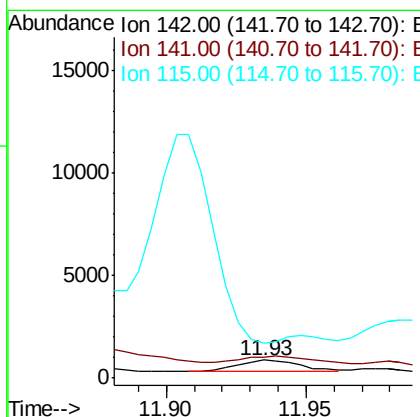
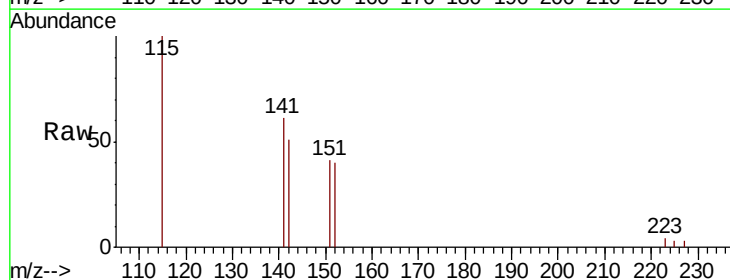
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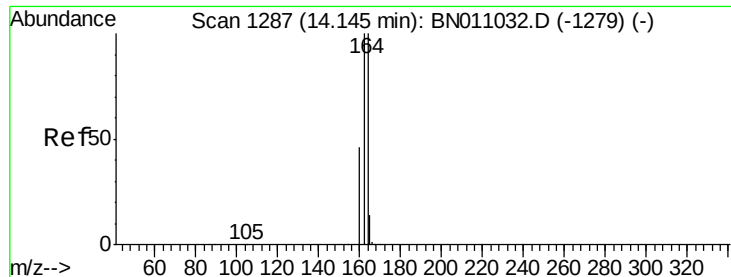
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#12
2-Methylnaphthalene
Concen: 0.042 ng
RT: 11.93 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Tgt Ion:142 Resp: 884
Ion Ratio Lower Upper
142 100
141 119.9 70.6 106.0#
115 196.1 30.2 45.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Instrument :

BNA_N

ClientSampleId :

SS043MW009-200616

Tot Ion:164 Resp: 14072

Ion Ratio Lower Upper

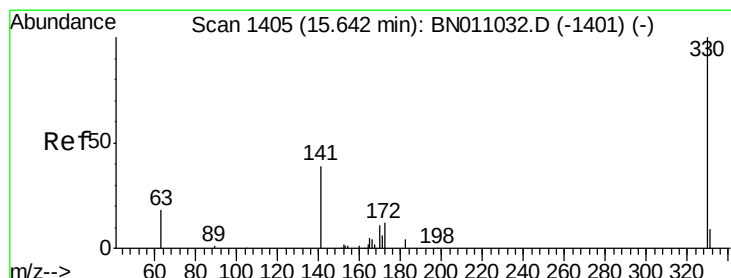
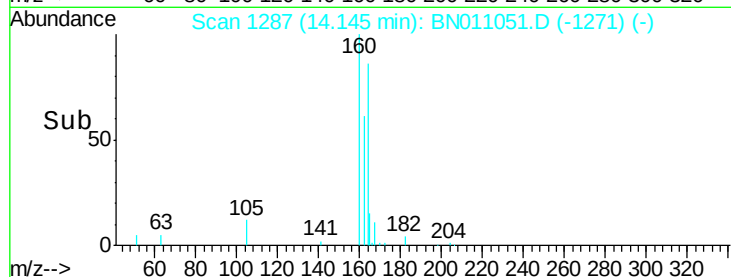
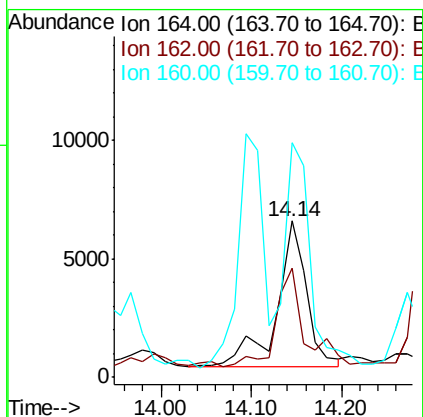
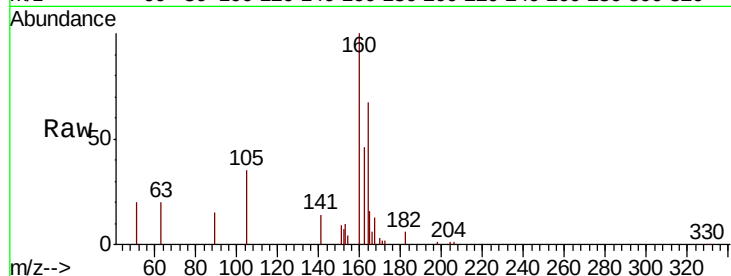
164 100

162 69.5 80.2 120.4#

160 150.0 37.7 56.5#

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#14

2,4,6-Tribromophenol

Concen: 0.255 ng

RT: 15.64 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

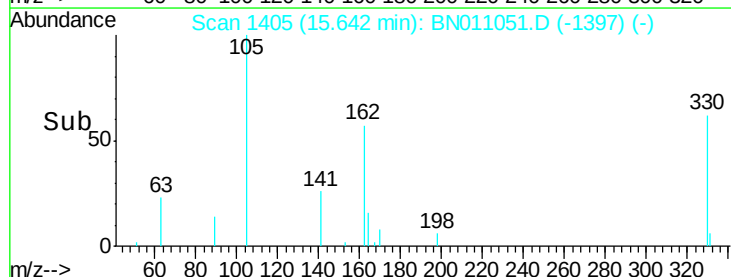
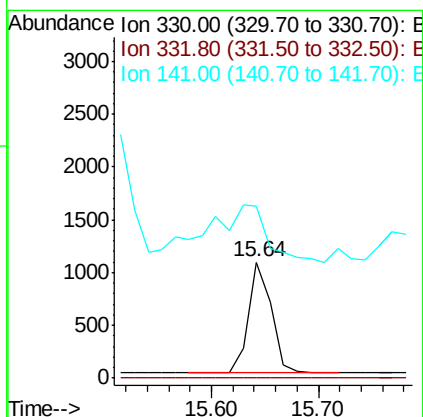
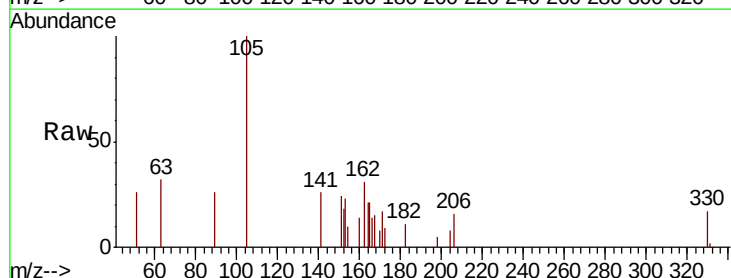
Tgt Ion:330 Resp: 1578

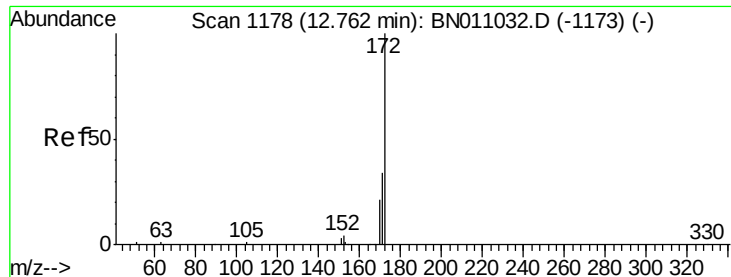
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 114.1 34.5 51.7#





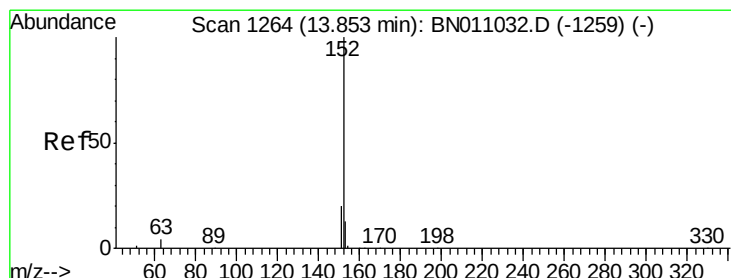
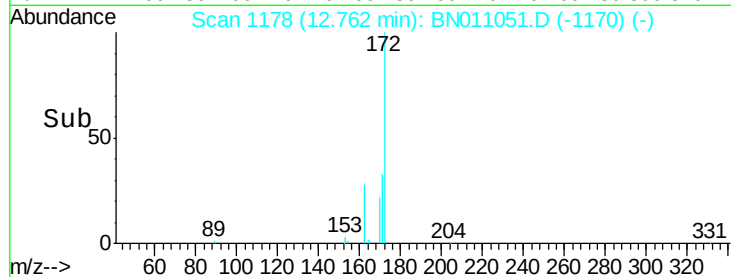
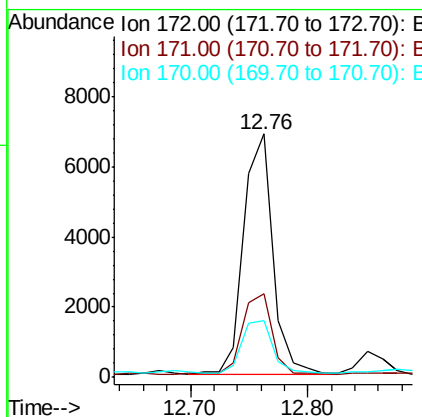
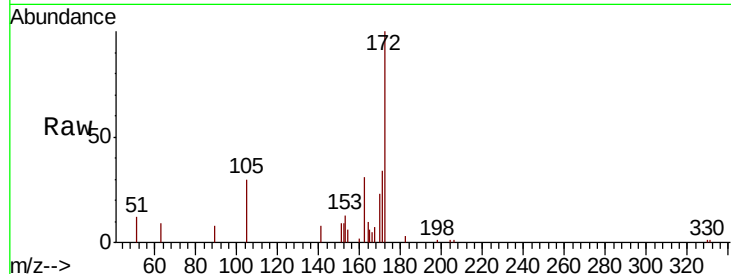
#15
2-Fluorobiphenyl
Concen: 0.179 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.4	41.2
170	23.3	17.5	26.3

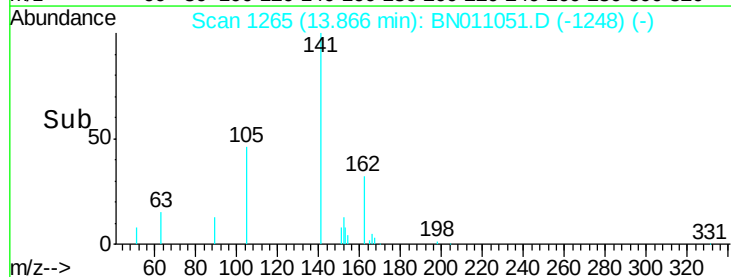
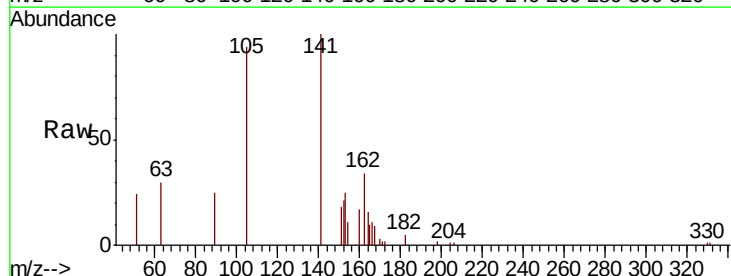
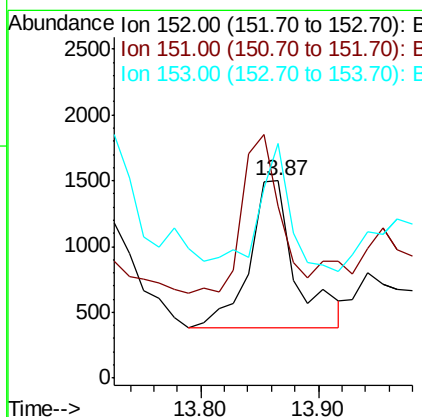
Manual Integrations
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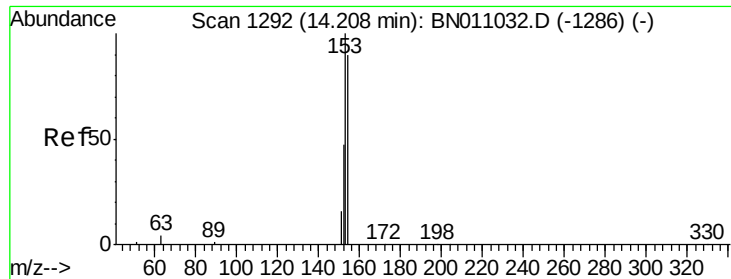
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#16
Acenaphthylene
Concen: 0.044 ng
RT: 13.87 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	86.9	15.6	23.4#
153	55.9	10.2	15.2#





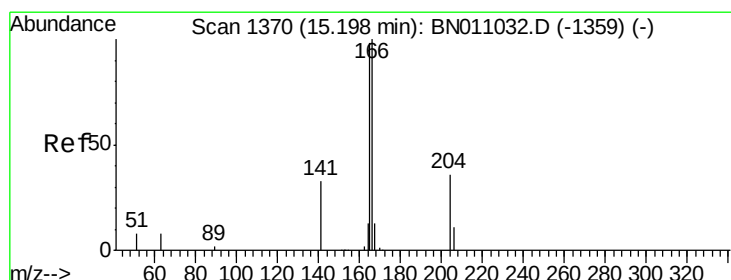
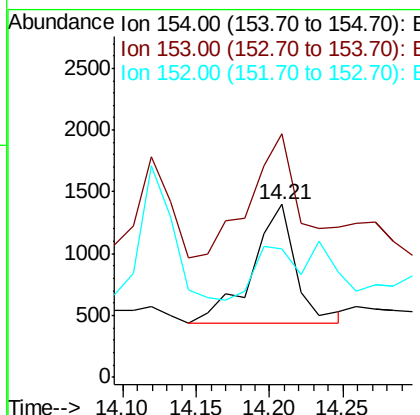
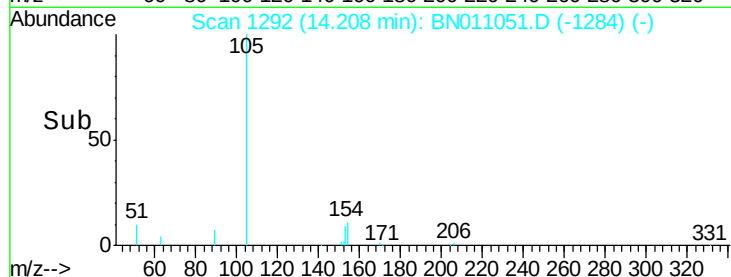
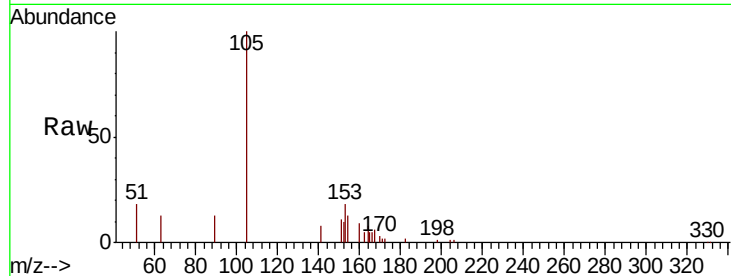
#17
Acenaphthene
Concen: 0.042 ng
RT: 14.21 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.8	92.3	138.5
152	0.0	45.5	68.3#

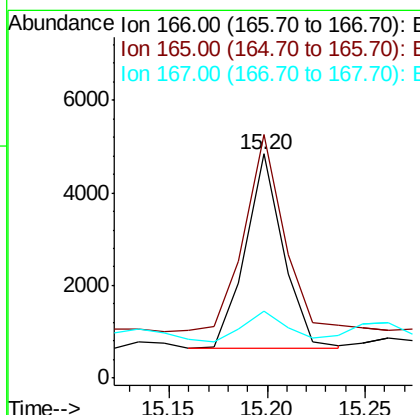
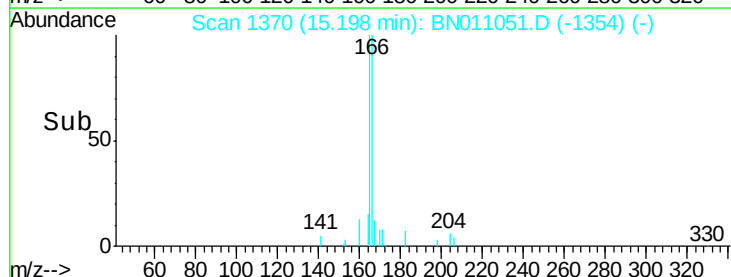
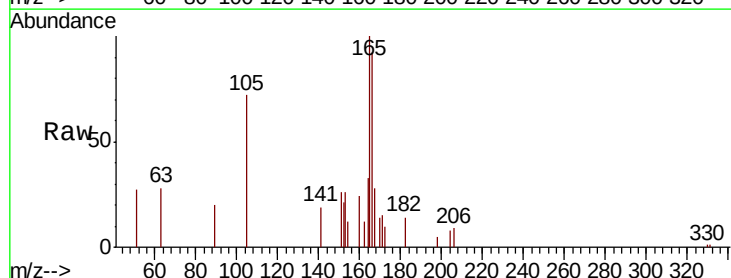
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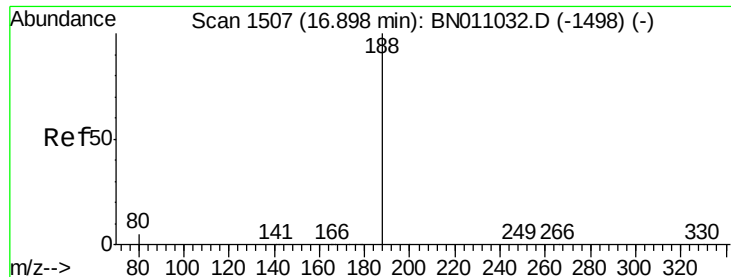
mohammad
6/25/2020 1:07:06 PM



#18
Fluorene
Concen: 0.093 ng
RT: 15.20 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	111.1	77.8	116.8
167	17.8	10.8	16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Instrument :

BNA_N

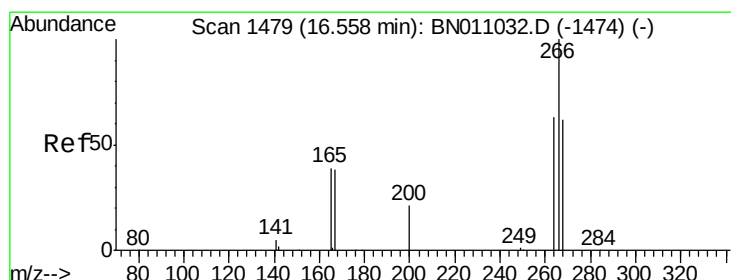
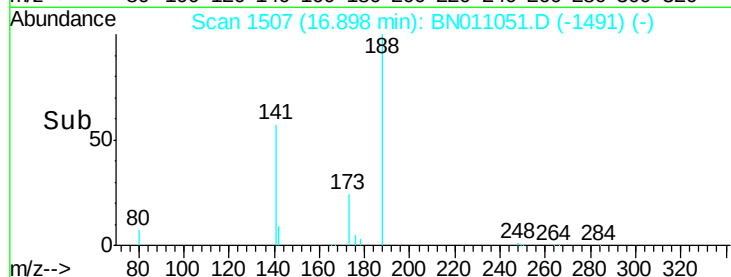
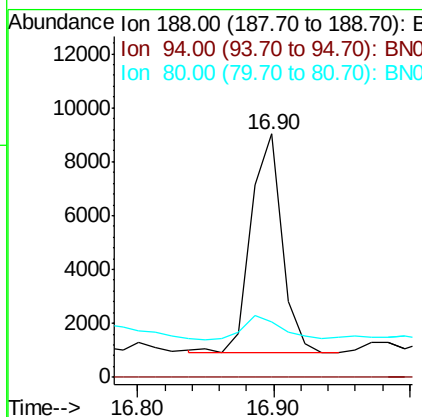
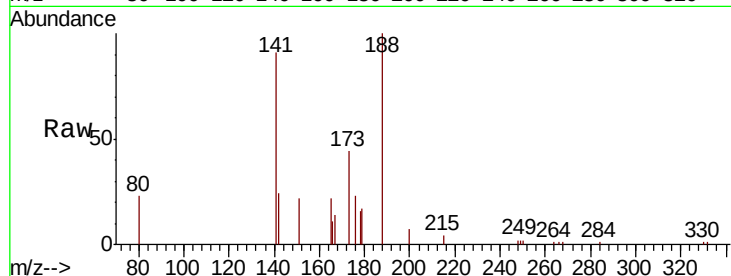
ClientSampleId :

SS043MW009-200616

Tot Ion:	188	Resp:	12858
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	22.6	4.6	7.0#

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#24

Pentachlorophenol

Concen: 0.040 ng

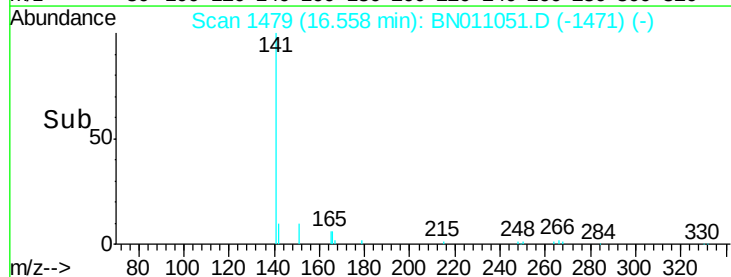
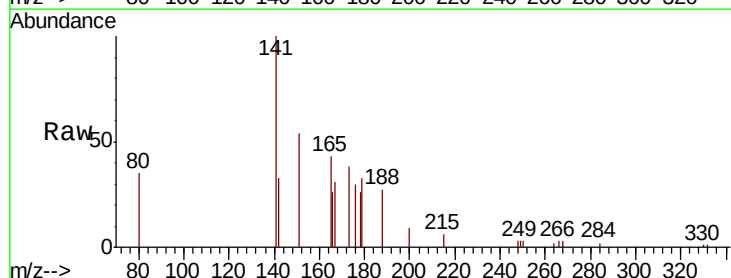
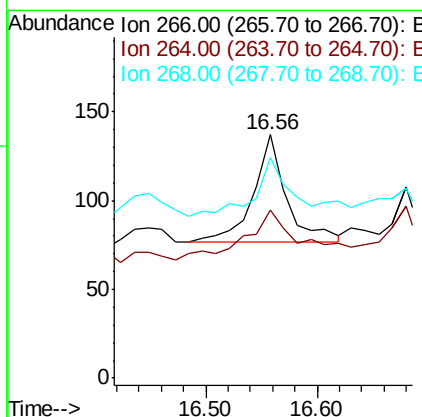
RT: 16.56 min Scan# 1479

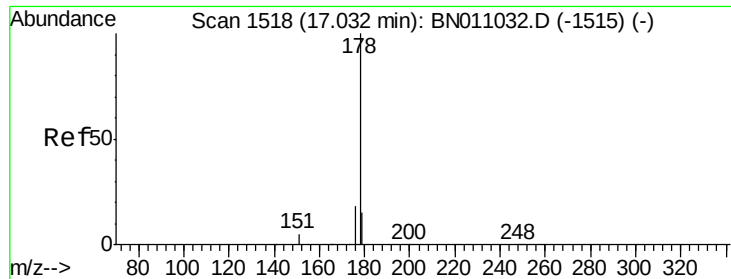
Delta R.T. 0.00 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Tgt Ion:	266	Resp:	123
Ion Ratio	Lower	Upper	
266	100		
264	56.1	51.4	77.0
268	61.8	54.9	82.3





#26

Anthracene

Concen: 0.038 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

Instrument :

BNA_N

ClientSampleId :

SS043MW009-200616

Tot Ion:178 Resp: 1378

Ion Ratio Lower Upper

178 100

176 28.7 14.7 22.1#

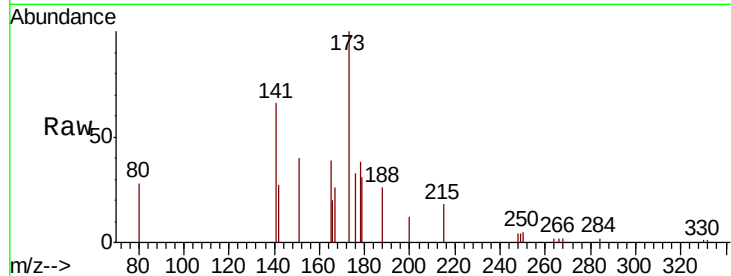
179 0.0 12.2 18.4#

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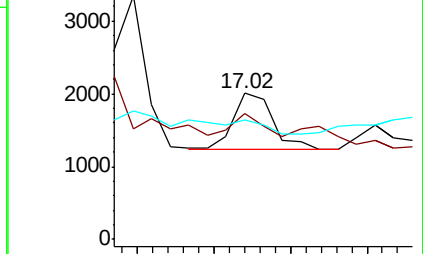
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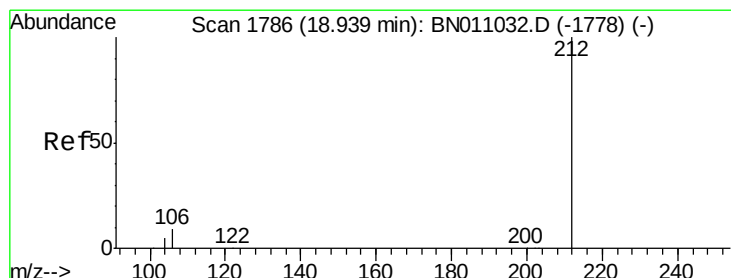
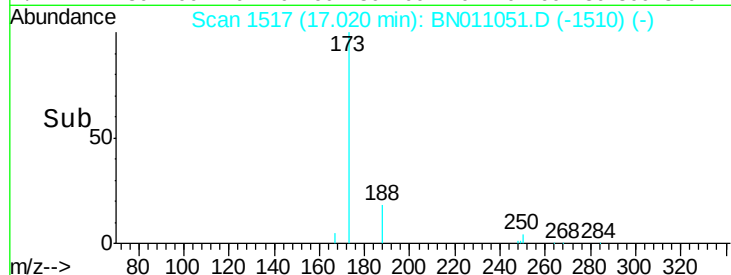
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#27

Fluoranthene-d10

Concen: 0.307 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011051.D

Acq: 24 Jun 2020 16:50

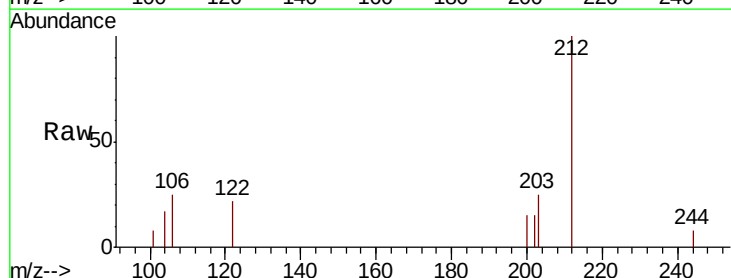
Tgt Ion:212 Resp: 12470

Ion Ratio Lower Upper

212 100

106 10.7 7.7 11.5

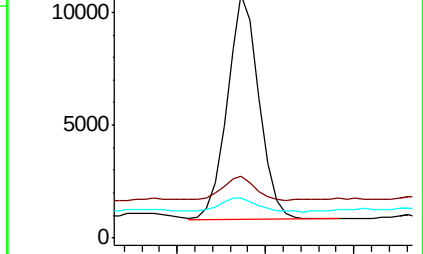
104 6.8 4.6 6.8#



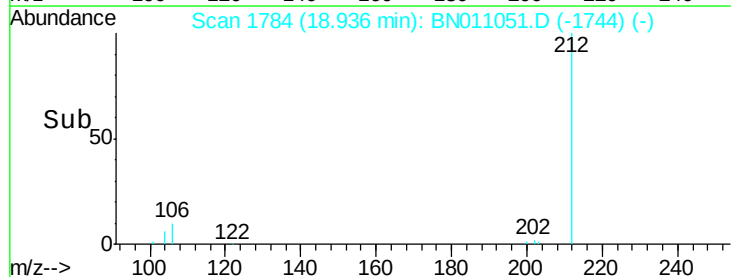
Abundance Ion 212.00 (211.70 to 212.70): E

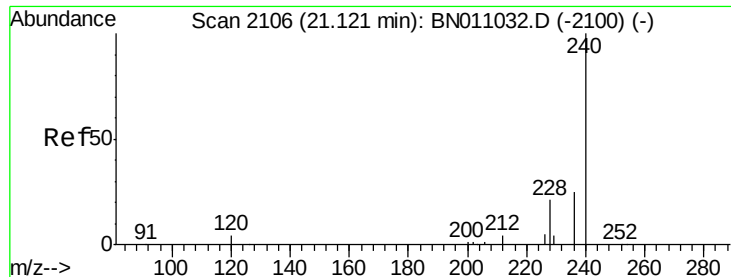
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





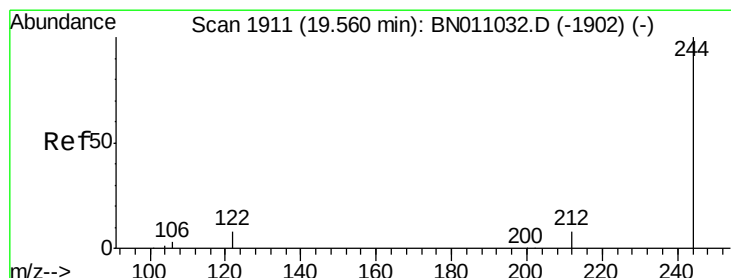
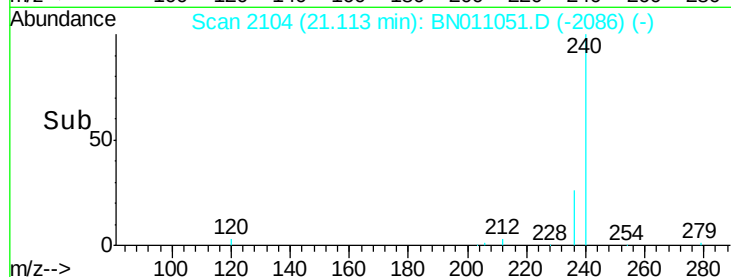
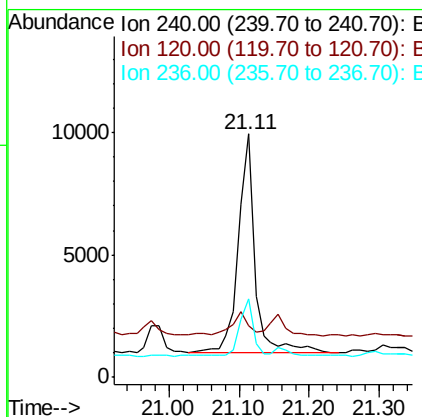
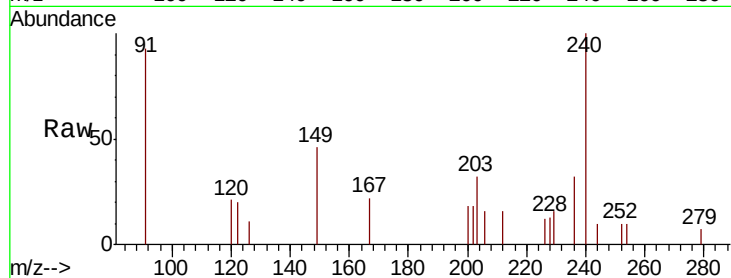
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100		14411		
120	21.4	5.4	8.0#		
236	32.3	21.4	32.2#		

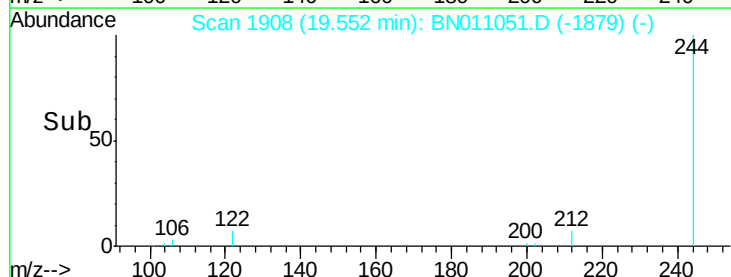
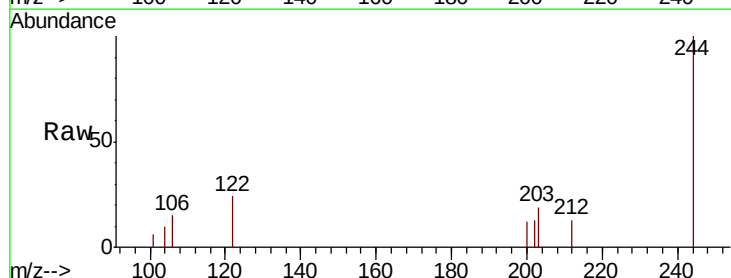
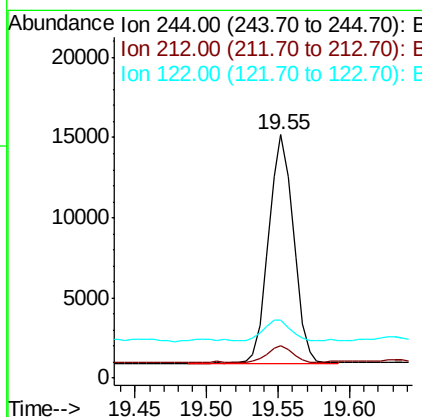
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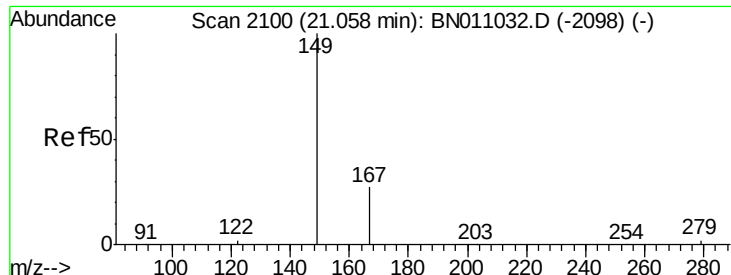
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#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.55 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		17318		
212	13.2	6.9	10.3#		
122	23.7	7.4	11.0#		





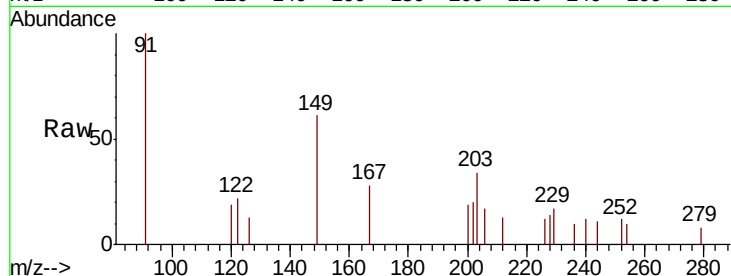
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng/ml
RT: 21.05 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

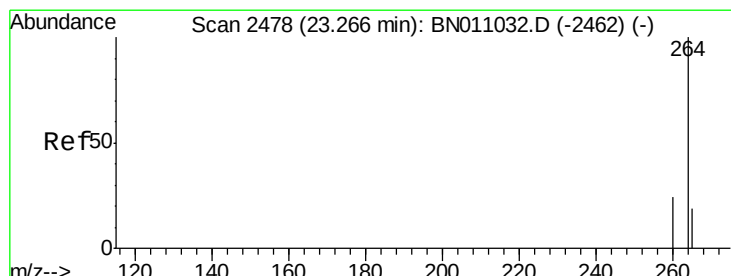
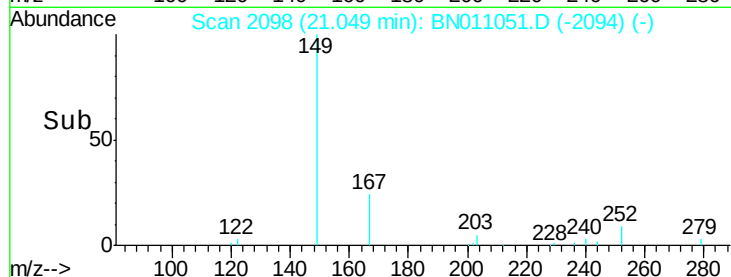
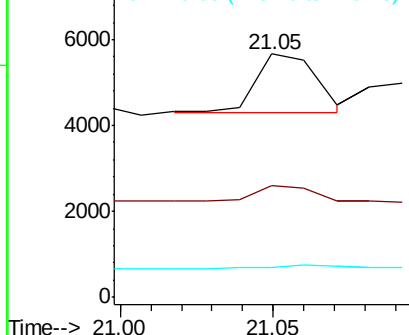
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.2	33.2
279	8.1	3.9	5.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN011051.D
Acq: 24 Jun 2020 16:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.0	30.0
265	72.1	64.9	97.3

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

