

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011014.D
 Acq On : 22 Jun 2020 18:04
 Operator : CG/JU
 Sample : L3033-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF001MW001-200615

Manual Integrations
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 6/23/2020 2:12:20 PM

Quant Time: Jun 22 18:41:19 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 22 12:02:11 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2701	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8777	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	28907	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	13090	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	11782	0.40	ng	-0.01
34) Perylene-d12	23.26	264	13227	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1525	0.29	ng	0.00
5) Phenol-d6	6.73	99	1476m	0.24	ng	0.00
8) Nitrobenzene-d5	8.66	82	3069m	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	11.87	152	4848	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	1356	0.13	ng	-0.01
15) 2-Fluorobiphenyl	12.78	172	10226	0.09	ng	0.00
25) Fluoranthene-d10	18.94	212	12718	0.35	ng	0.00
29) Terphenyl-d14	19.55	244	12124	0.44	ng	0.00
Target Compounds						
9) Naphthalene	10.33	128	2082298	94.404	ng	97
12) 2-Methylnaphthalene	11.94	142	218885	14.828	ng	98
18) Fluorene	15.21	166	4581	0.044	ng	92
23) Phenanthrene	16.94	178	3274	0.092	ng	# 72
28) Pyrene	19.33	202	831	0.021	ng	# 23
32) Bis(2-ethylhexyl)phthalate	21.06	149	1876	0.162	ng	# 88

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

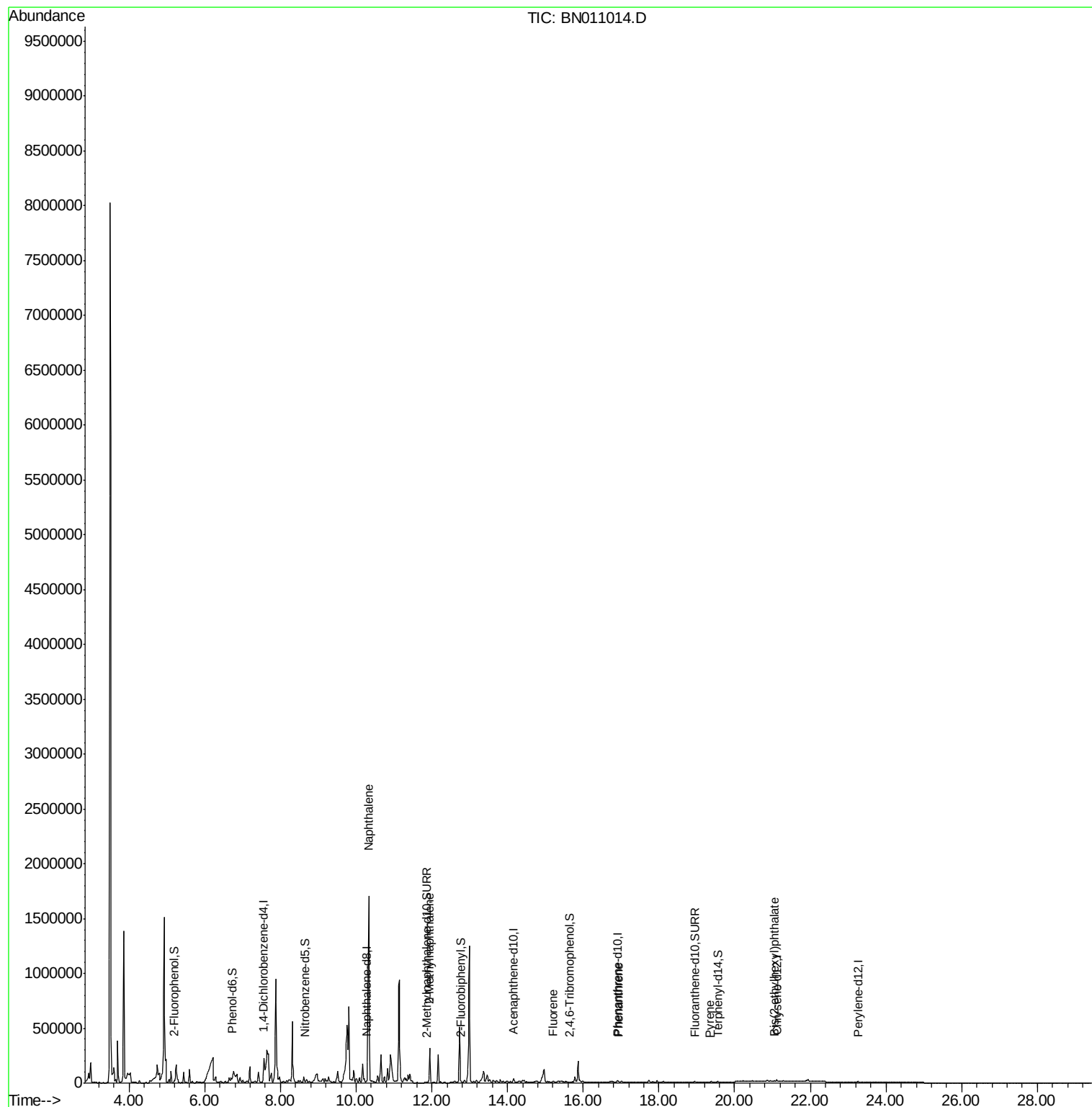
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011014.D
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Sample : L3033-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

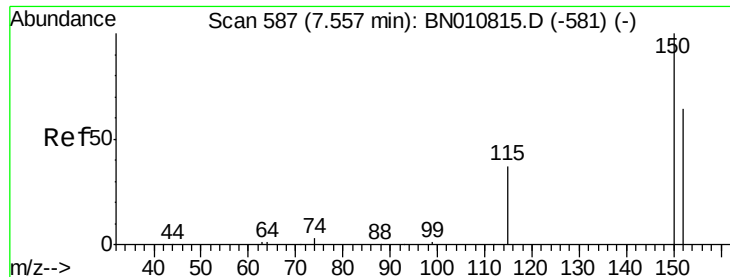
Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

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Quant Time: Jun 22 18:41:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





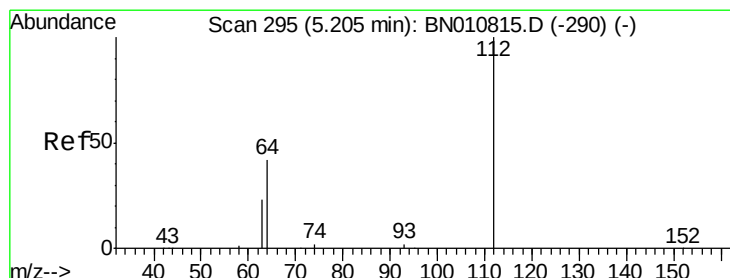
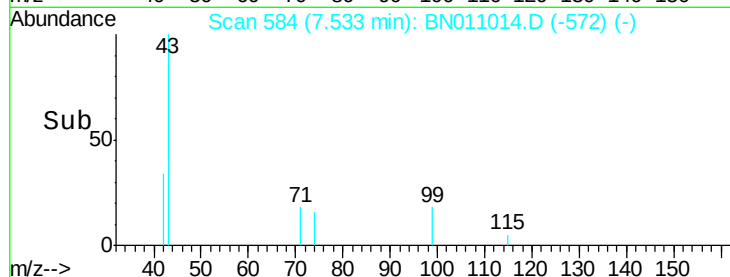
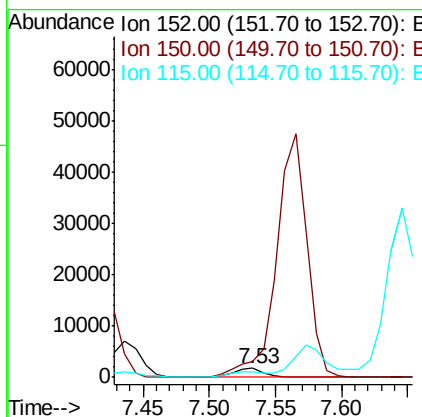
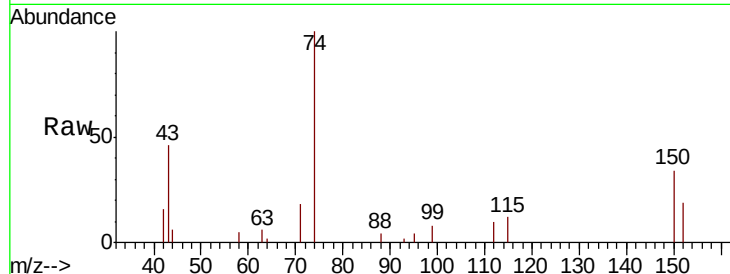
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
152	100		
150	176.0	123.8	185.6
115	64.8	49.2	73.8

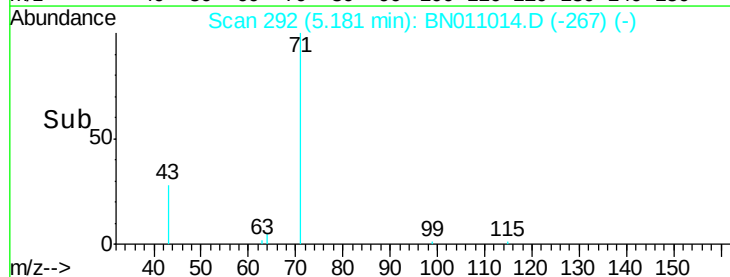
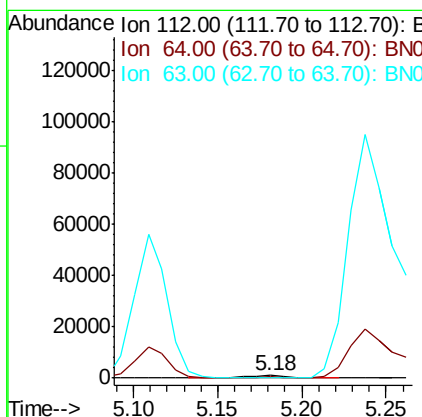
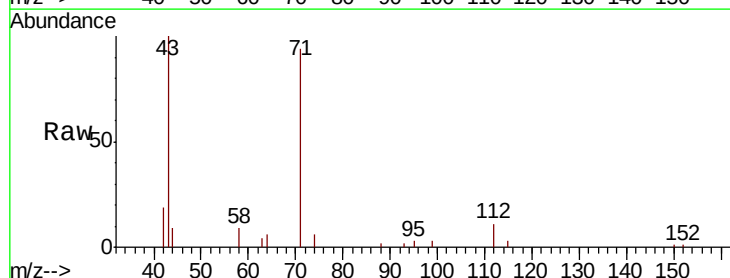
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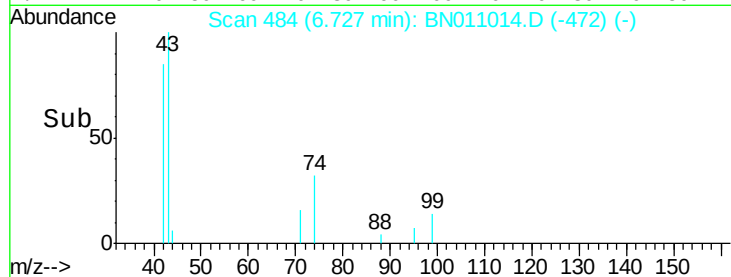
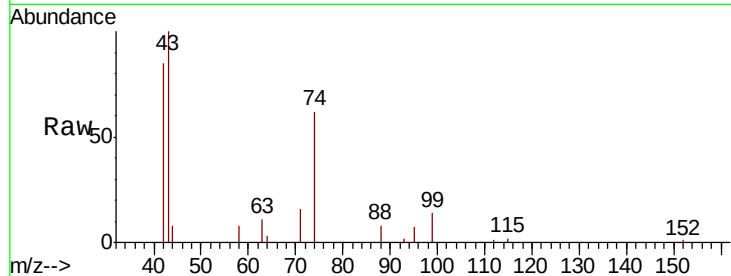
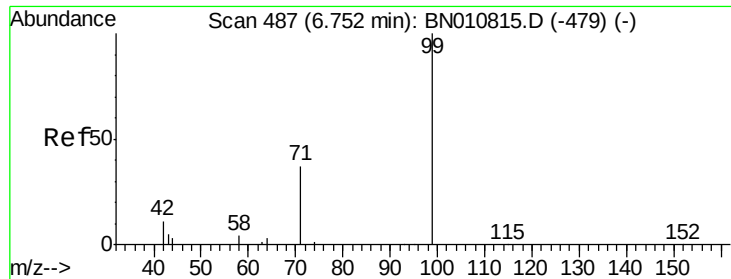
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#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	37.4	56.0#
63	0.0	22.2	33.4#





#5

Phenol-d6

Concen: 0.240 ng/ml

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Tot Ion:	99	Resp:	1476
Ion Ratio	Lower	Upper	
99	100		
42	0.0	11.1	16.7#
71	0.0	31.4	47.2#

Instrument :

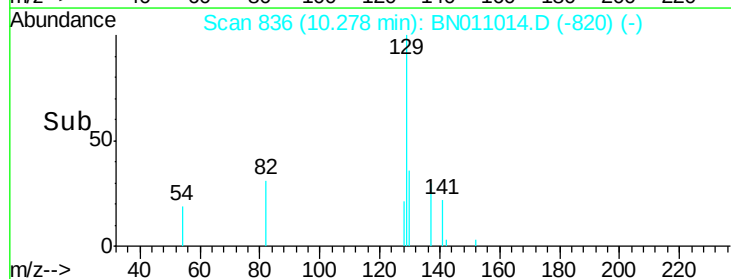
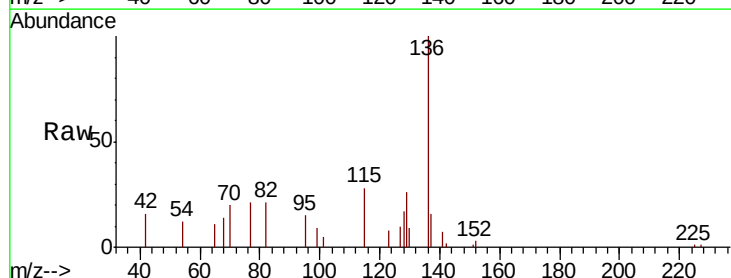
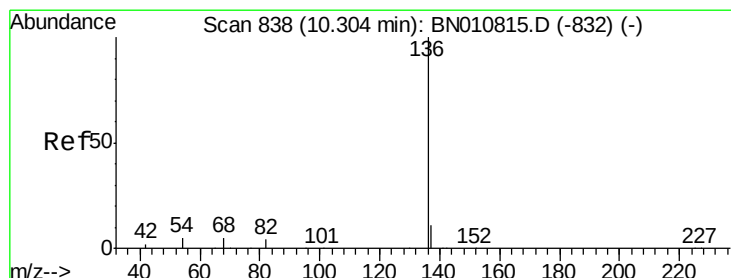
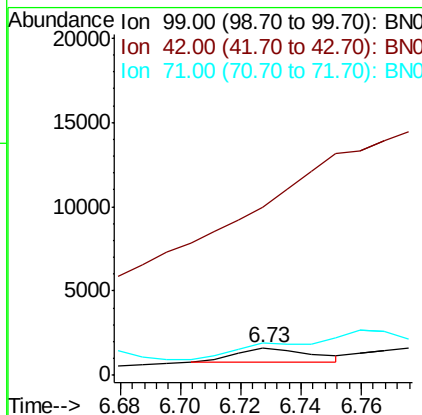
BNA_N

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

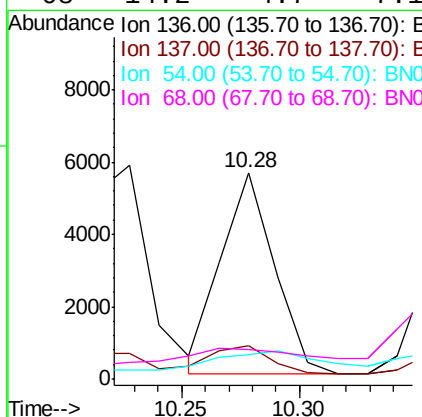
RT: 10.28 min Scan# 836

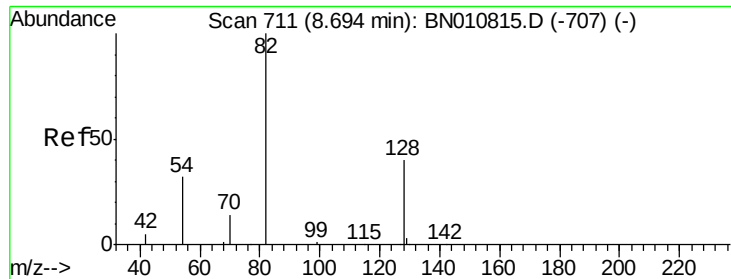
Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Tgt Ion:	136	Resp:	8777
Ion Ratio	Lower	Upper	
136	100		
137	16.1	9.7	14.5#
54	11.7	4.9	7.3#
68	14.2	4.7	7.1#





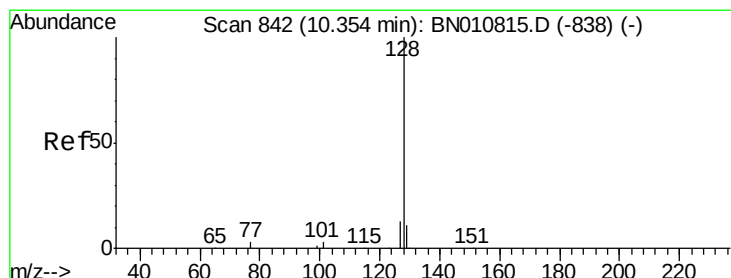
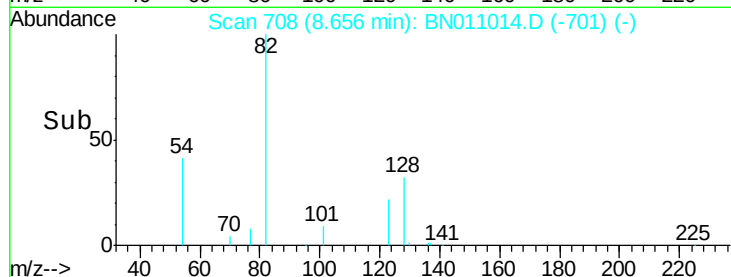
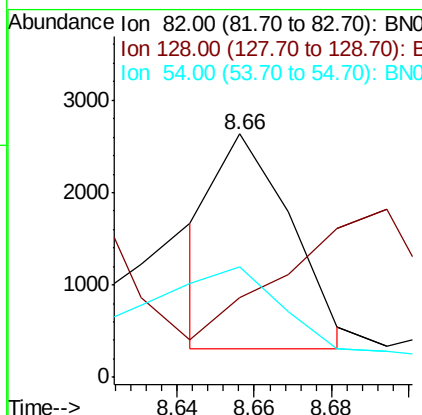
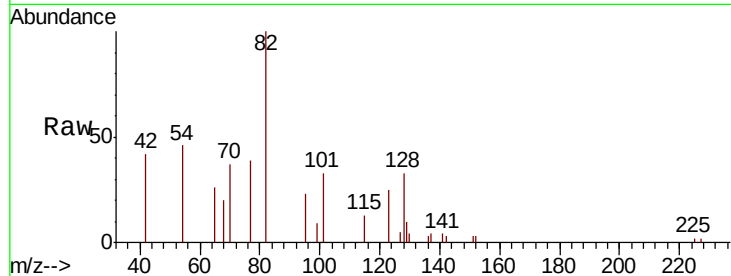
#8
Nitrobenzene-d5
Concen: 0.473 ng/ml
RT: 8.66 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.7	35.4	53.0#
54	45.6	28.2	42.4#

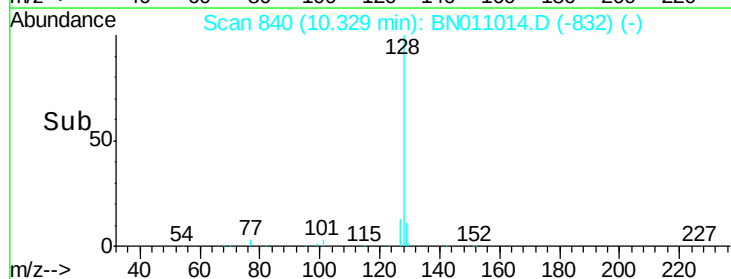
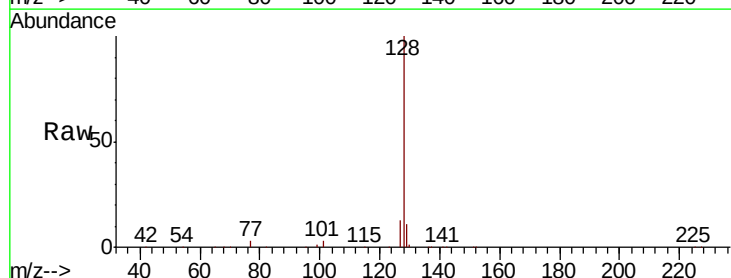
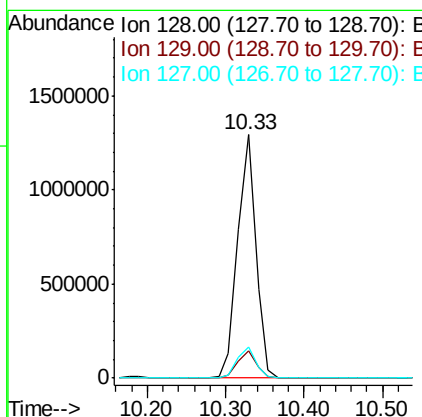
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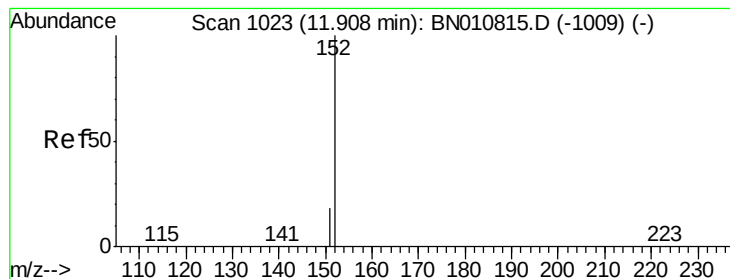
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#9
Naphthalene
Concen: 94.404 ng/ml
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	12.9	11.4	17.2





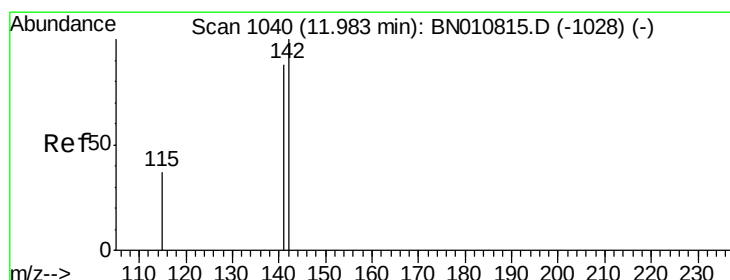
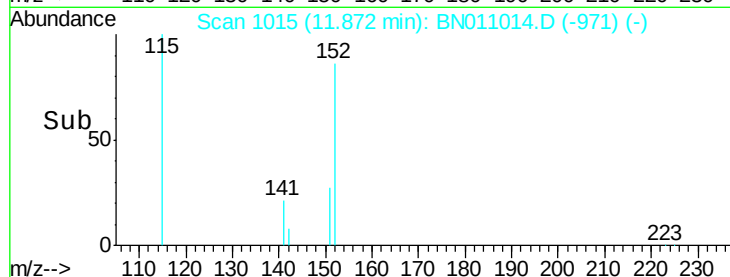
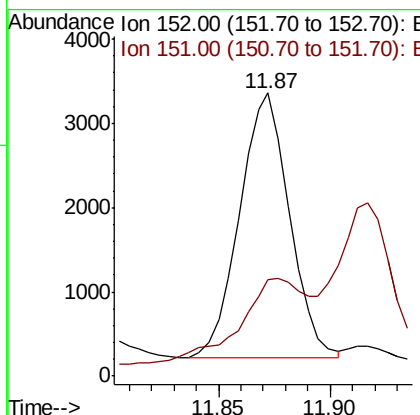
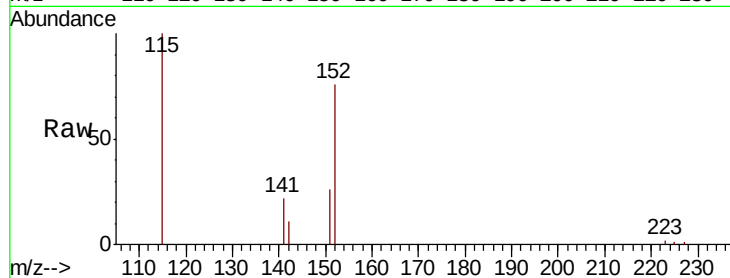
#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.87 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
152	100		
151	44.3	15.3	22.9#

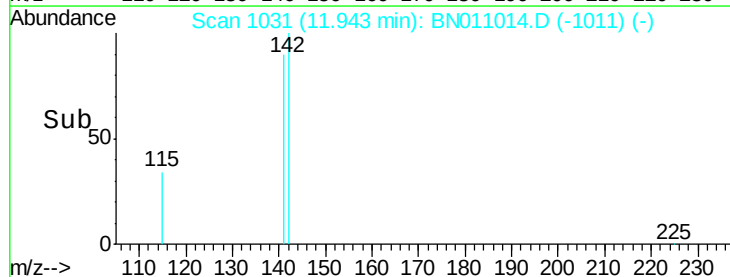
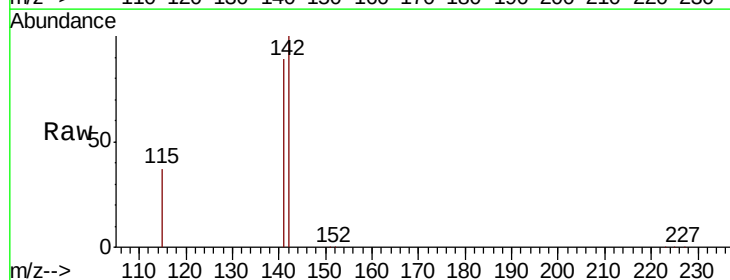
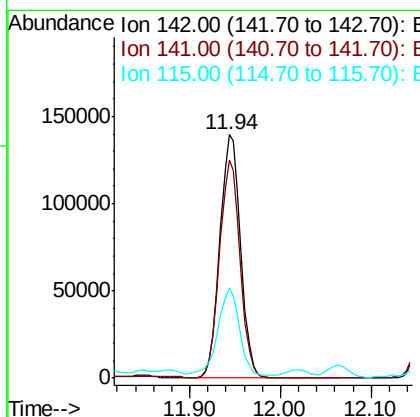
Manual Integrations
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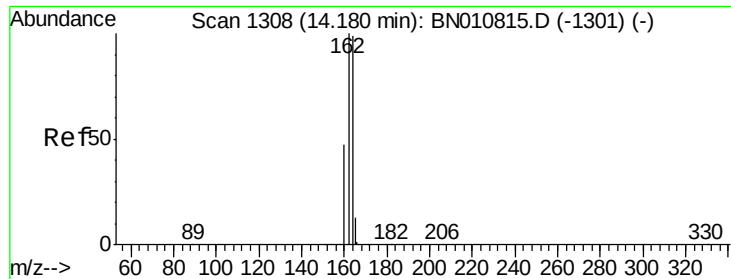
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#12
2-Methylnaphthalene
Concen: 14.828 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	36.7	31.5	47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

ClientSampleId :

LF001MW001-200615

Tot Ion:164 Resp: 28907

Ion Ratio Lower Upper

164 100

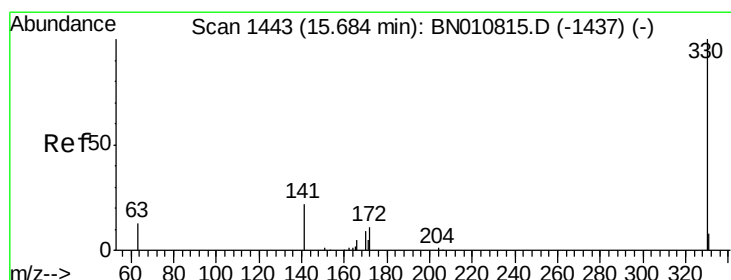
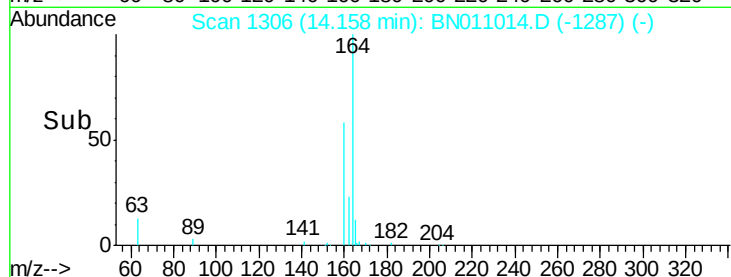
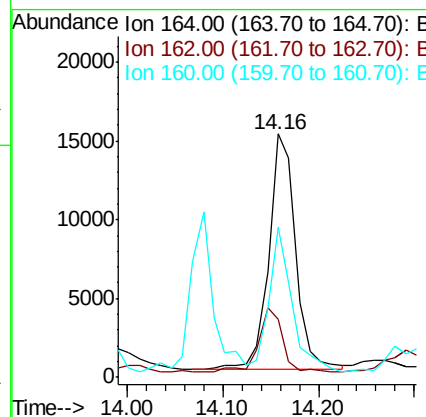
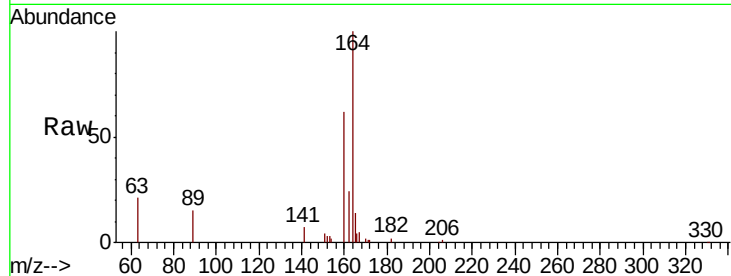
162 23.9 81.0 121.6#

160 61.6 38.9 58.3#

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#14

2,4,6-Tribromophenol

Concen: 0.131 ng

RT: 15.65 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

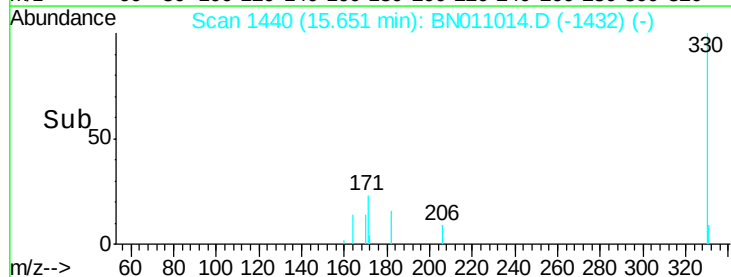
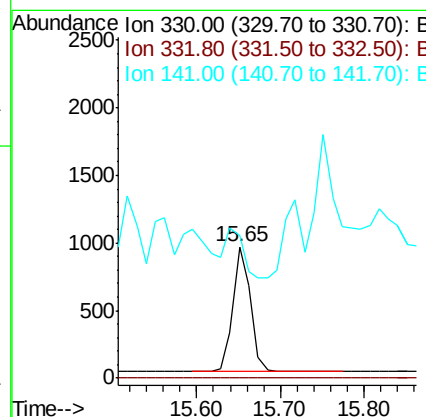
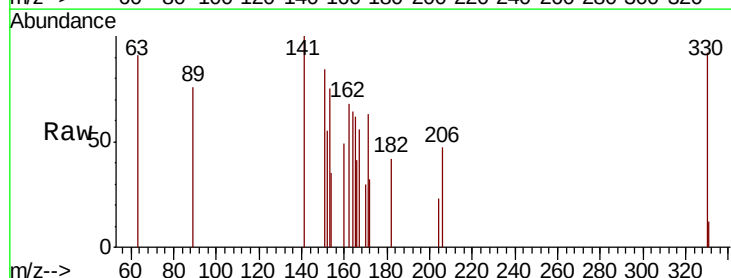
Tgt Ion:330 Resp: 1356

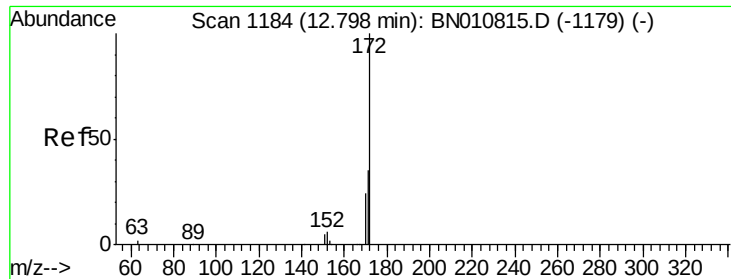
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.1 33.2 49.8





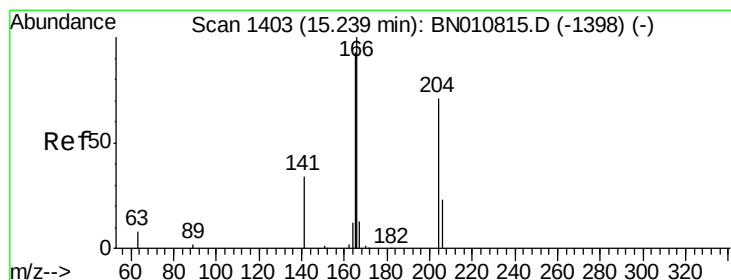
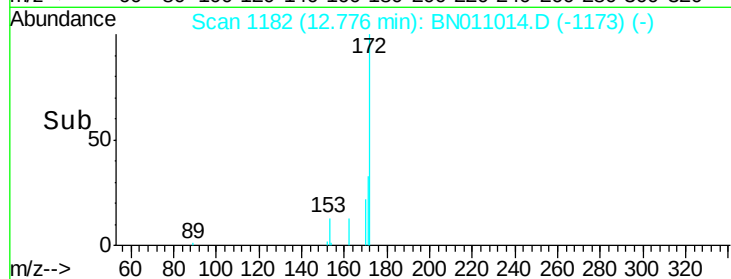
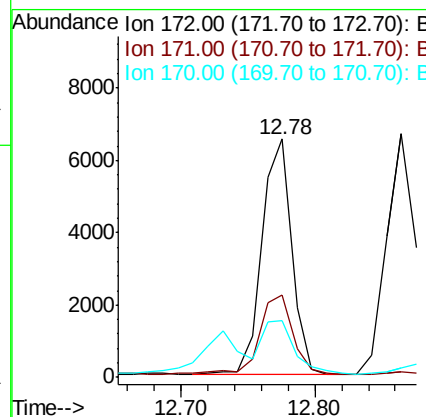
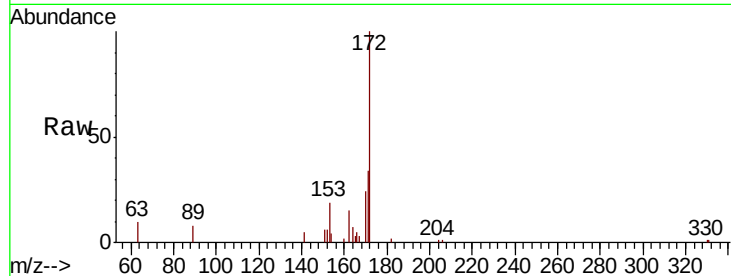
#15
2-Fluorobiphenyl
Concen: 0.090 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.6	19.7	29.5

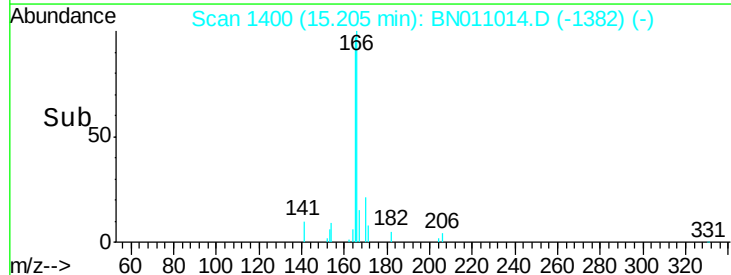
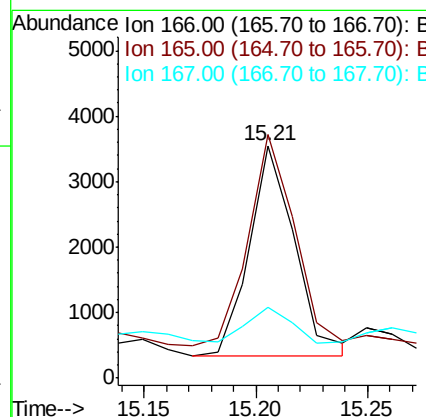
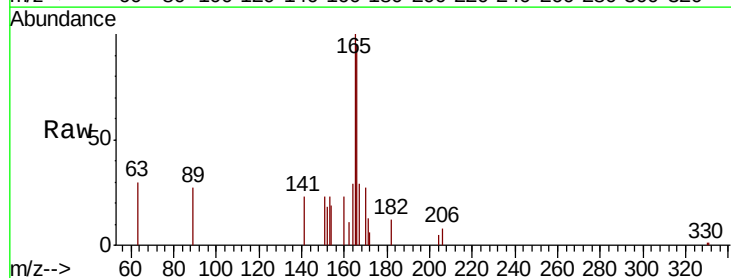
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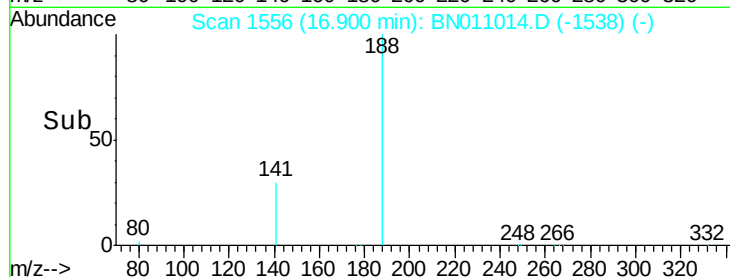
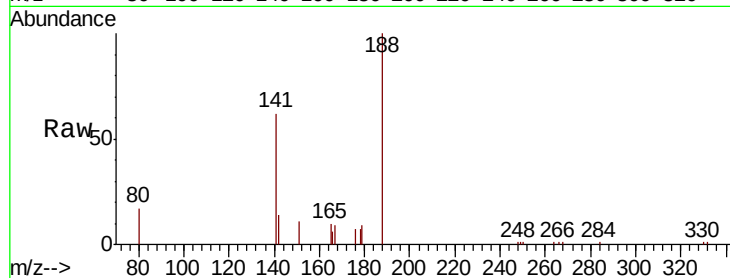
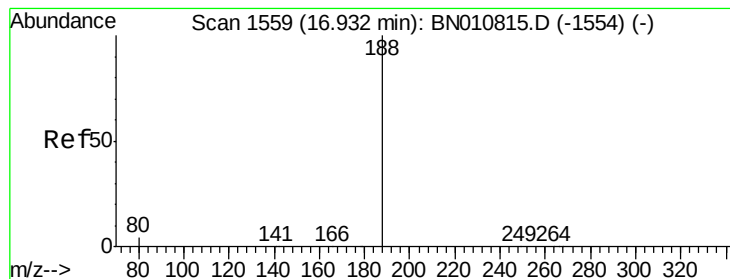
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#18
Fluorene
Concen: 0.044 ng
RT: 15.21 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.7	77.2	115.8
167	15.2	10.7	16.1





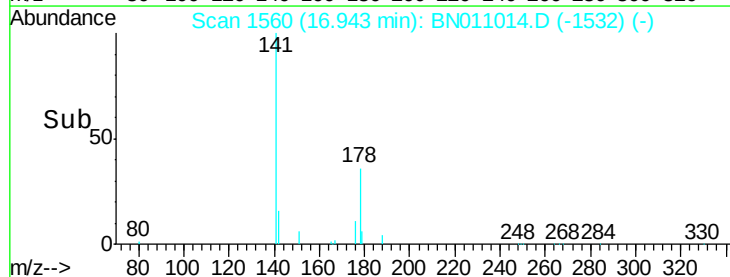
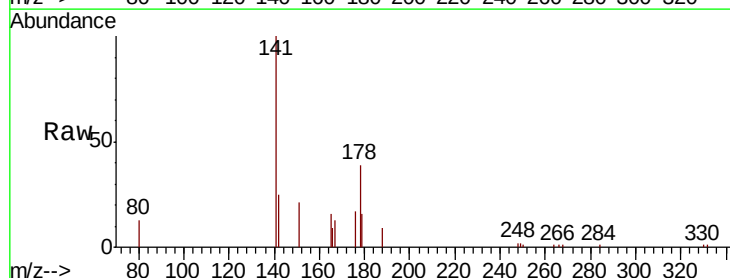
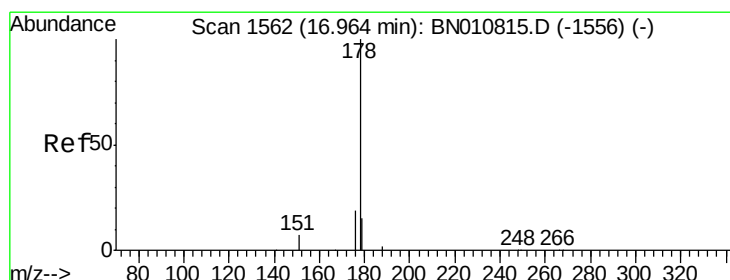
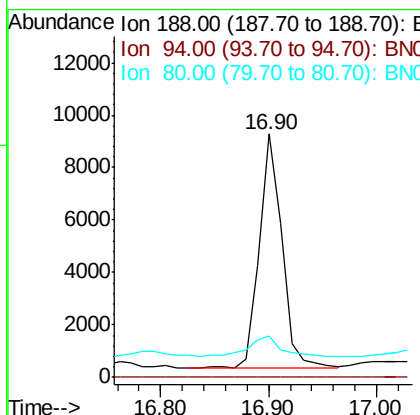
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.8	4.5	6.7#

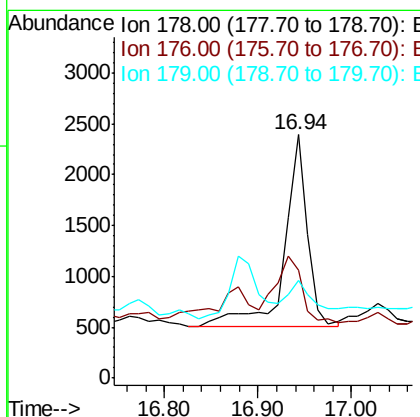
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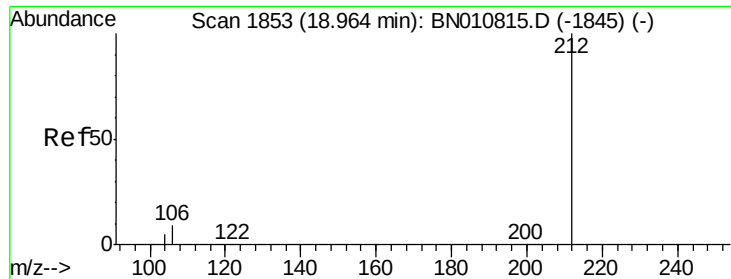
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#23
Phenanthrene
Concen: 0.092 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	40.1	15.3	22.9#
179	13.2	12.6	19.0





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Instrument :

BNA_N

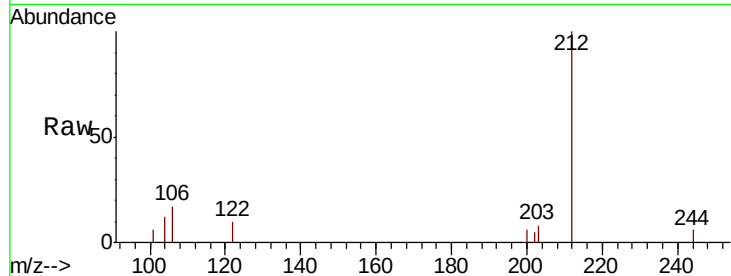
ClientSampleId :

LF001MW001-200615

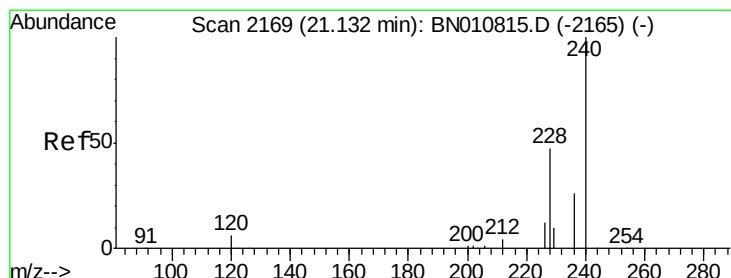
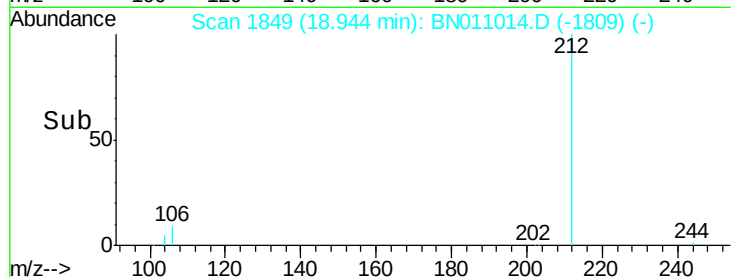
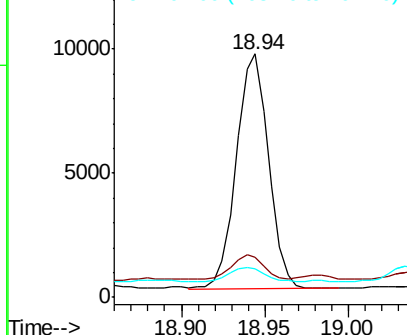
Tot Ion:	212	Resp:	12718
Ion Ratio	Lower	Upper	
212	100		
106	10.4	6.6	10.0#
104	6.9	4.0	6.0#

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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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2167

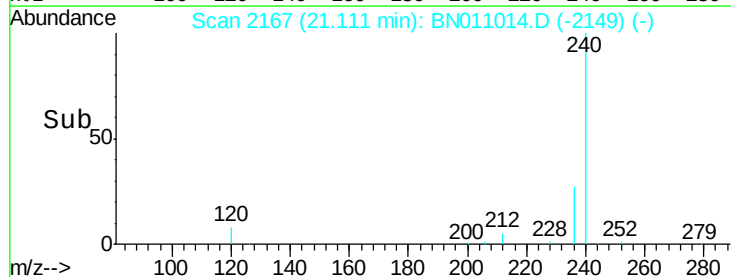
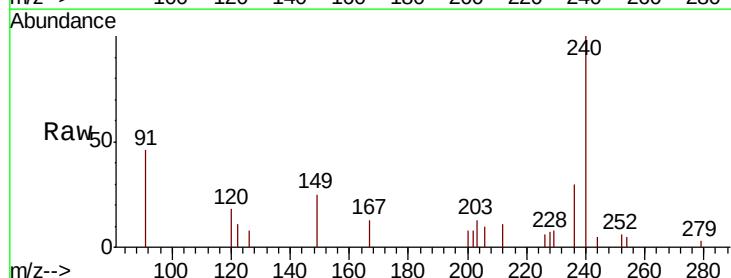
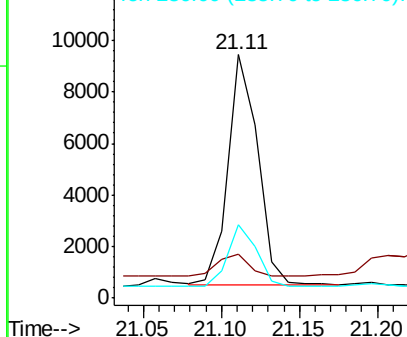
Delta R.T. -0.01 min

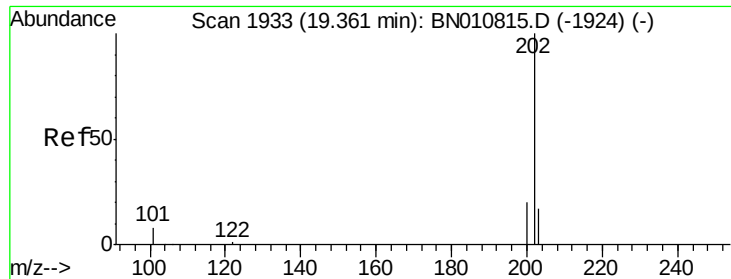
Lab File: BN011014.D

Acq: 22 Jun 2020 18:04

Tgt Ion:	240	Resp:	11782
Ion Ratio	Lower	Upper	
240	100		
120	17.8	7.5	11.3#
236	30.4	22.3	33.5

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





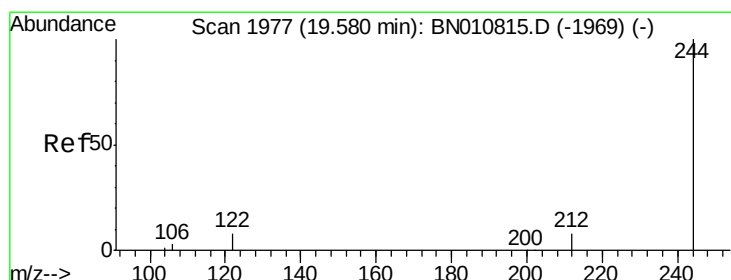
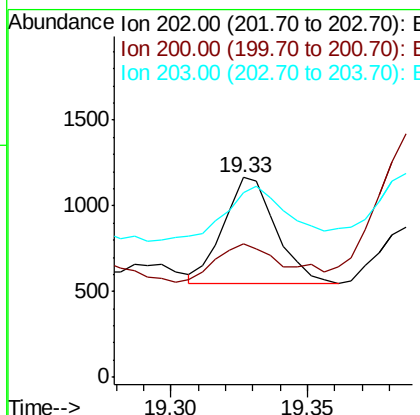
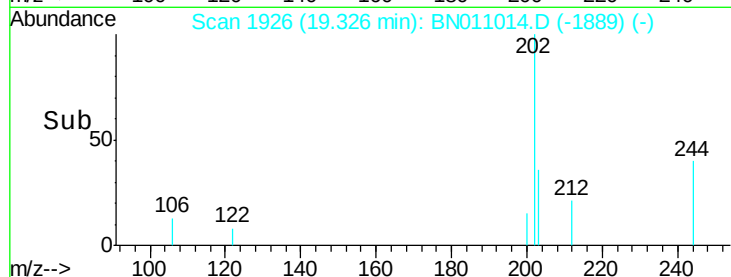
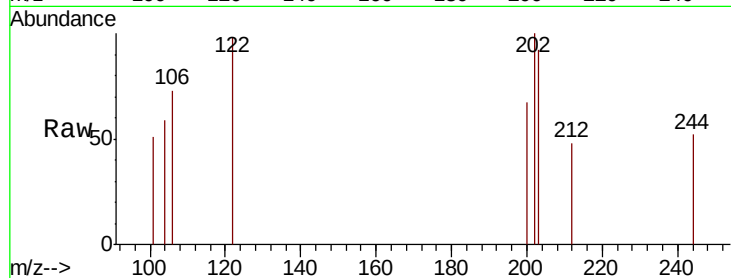
#28
Pvrene
Concen: 0.021 ng
RT: 19.33 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Instrument :
BNA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
202	100		
200	45.7	16.4	24.6#
203	62.8	14.2	21.4#

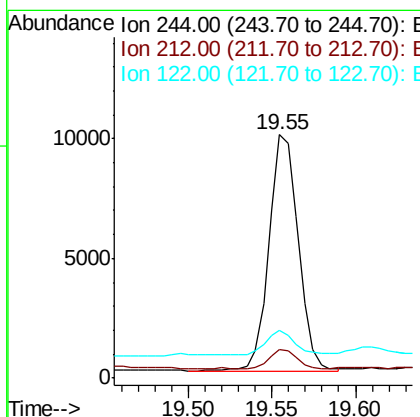
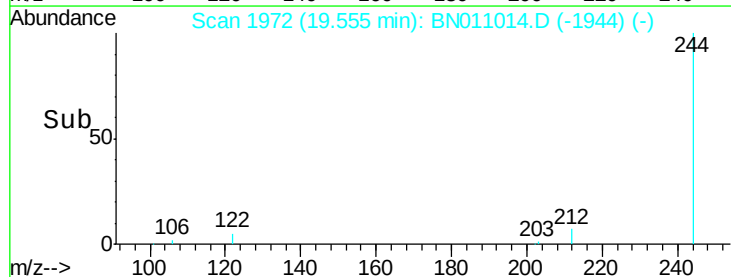
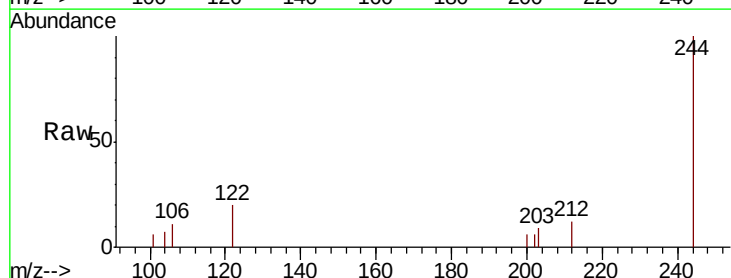
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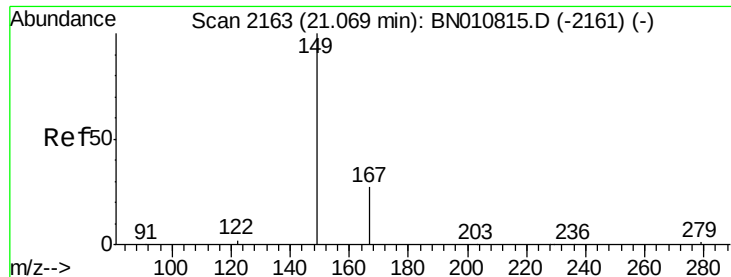
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#29
Terphenyl-d14
Concen: 0.440 ng
RT: 19.55 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BN011014.D
Acq: 22 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.4	11.2#
122	19.5	7.5	11.3#





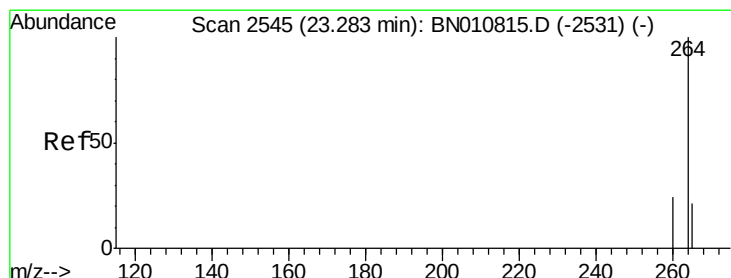
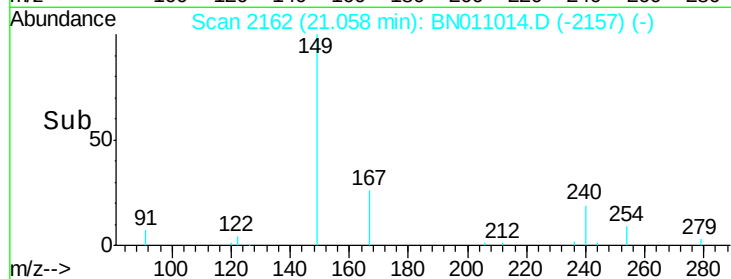
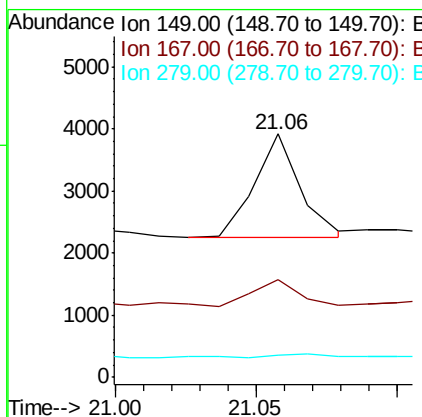
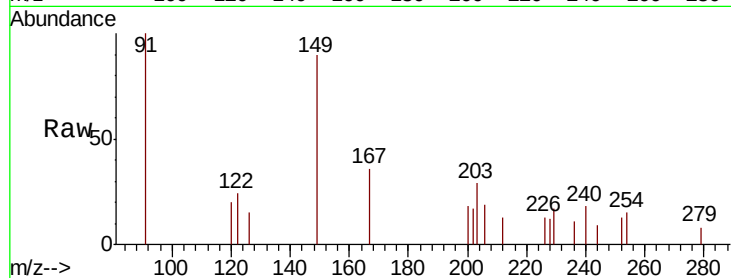
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.162 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BN011014.D
 Acq: 22 Jun 2020 18:04

Instrument :
 BNA_N
 ClientSampleId :
 LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.2	24.1	36.1#
279	5.3	4.6	7.0

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BN011014.D
 Acq: 22 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	68.0	75.0	112.4#

