

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011052.D
 Acq On : 24 Jun 2020 17:26
 Operator : CG/JU
 Sample : L3033-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 Z1-DUP-0572-200616

Manual Integrations
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Quant Time: Jun 25 10:05:19 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	40056	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	32655m	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	7396	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	13446	0.40	ng	0.00
29) Chrysene-d12	21.11	240	12195	0.40	ng	0.00
36) Perylene-d12	23.25	264	12386	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3436	0.03	ng	0.03
5) Phenol-d6	6.77	99	4122	0.03	ng	0.06
8) Nitrobenzene-d5	8.72	82	47337	1.59	ng	0.08
11) 2-Methylnaphthalene-d10	11.87	152	7524	0.13	ng	0.01
14) 2,4,6-Tribromophenol	15.65	330	1631	0.50	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	12160	0.35	ng	0.01
27) Fluoranthene-d10	18.94	212	14389	0.34	ng	0.00
31) Terphenyl-d14	19.55	244	14407	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	12865913m	238.923	ng	Qvalue
6) bis(2-Chloroethyl)ether	6.99	93	3377049	29.242	ng	96
9) Naphthalene	10.33	128	1441287	14.532	ng	98
12) 2-Methylnaphthalene	11.95	142	135228	2.036	ng	# 93
26) Anthracene	17.03	178	1519	0.040	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.05	149	8472	0.499	ng	# 86

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

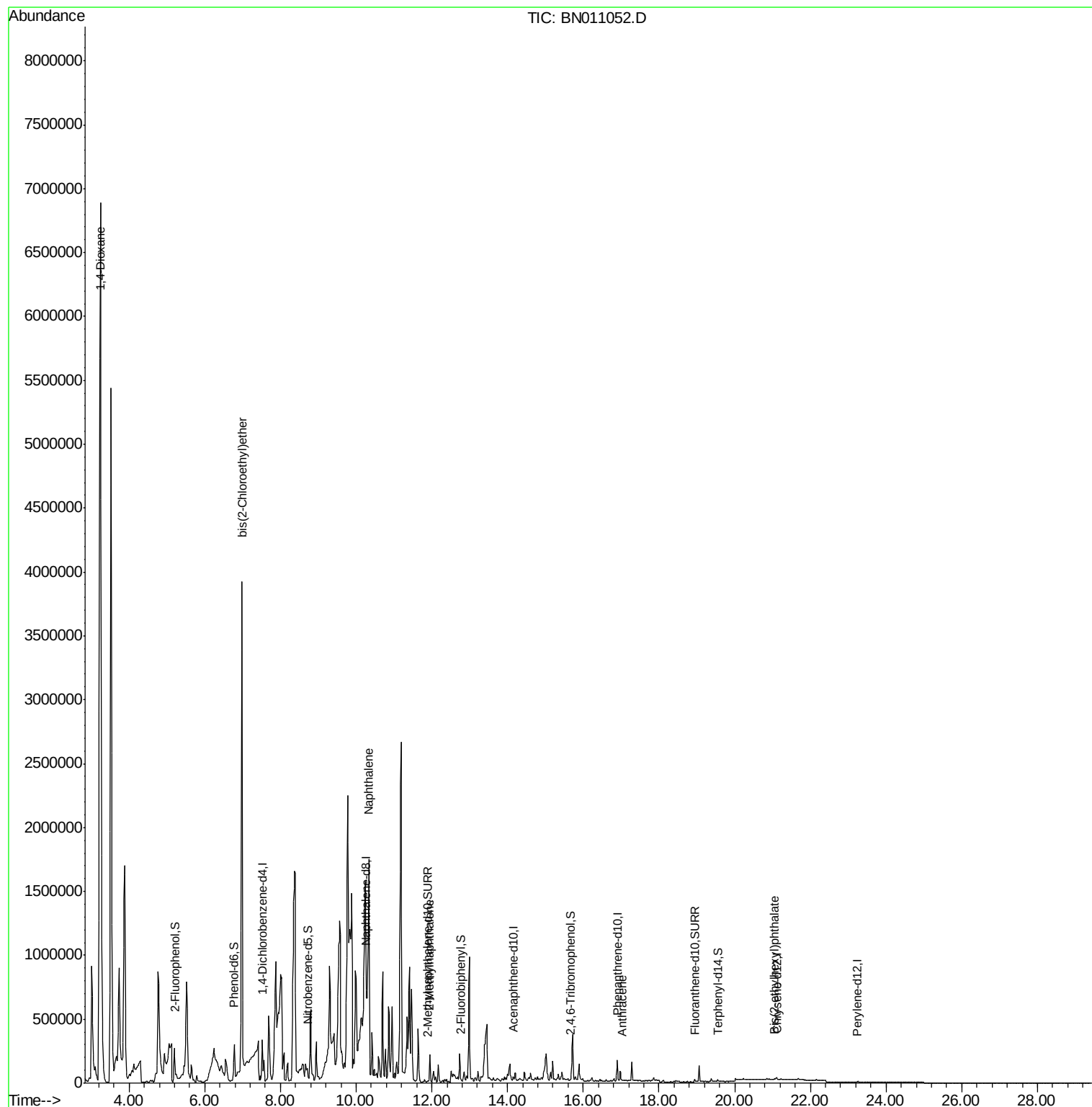
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011052.D
Acq On : 24 Jun 2020 17:26
Operator : CG/JU
Sample : L3033-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

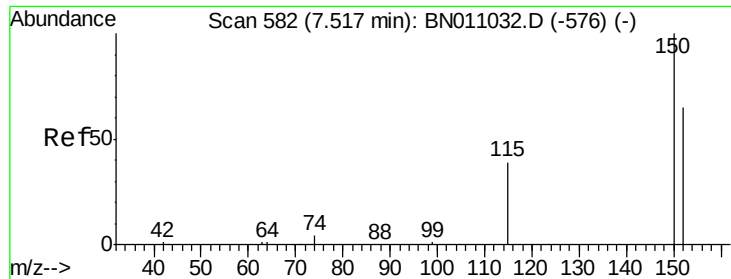
Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

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

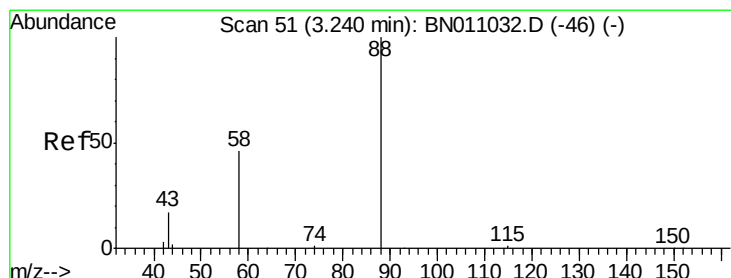
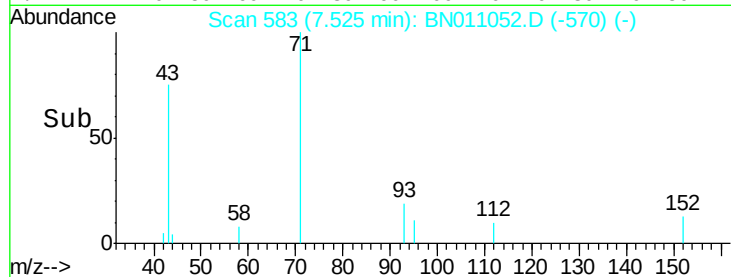
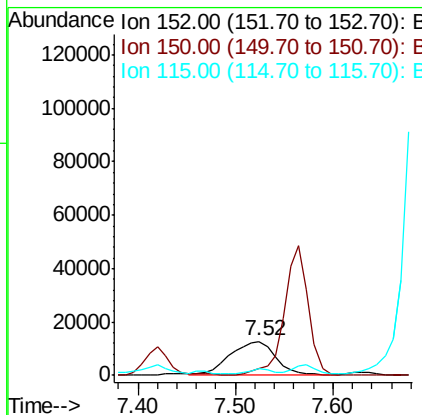
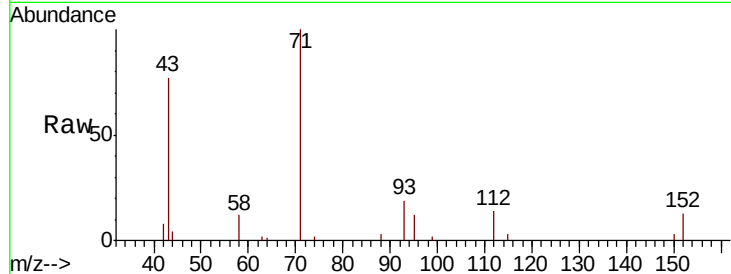
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	21.7	121.8	182.8#
115	21.3	50.2	75.2#

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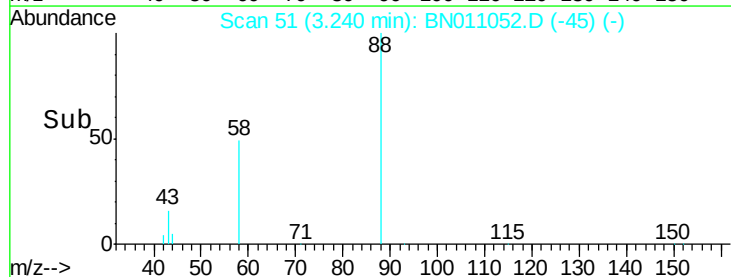
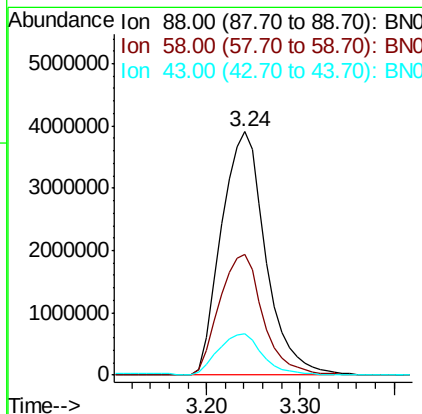
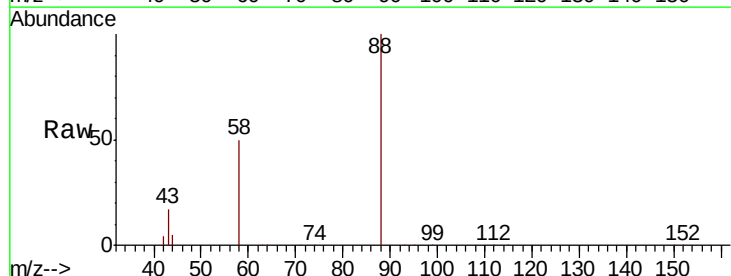
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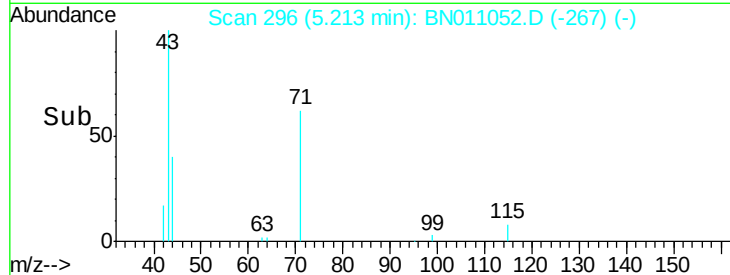
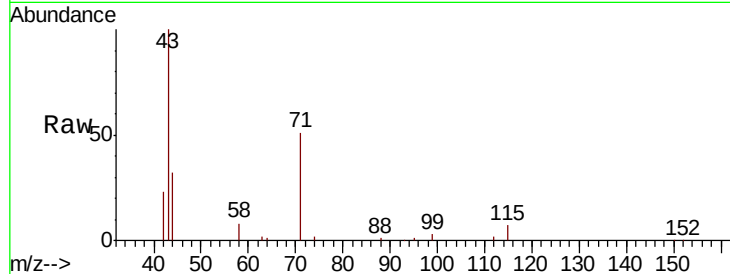
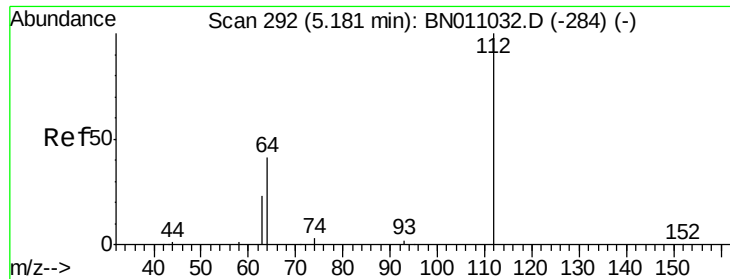


#2

1,4-Dioxane
Concen: 238.923 ng m
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	40.5	38.4	57.6
43	14.0	14.2	21.4#





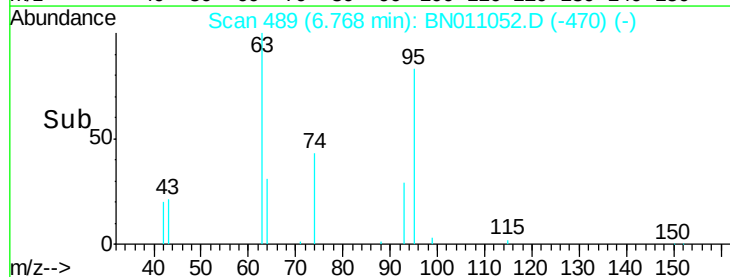
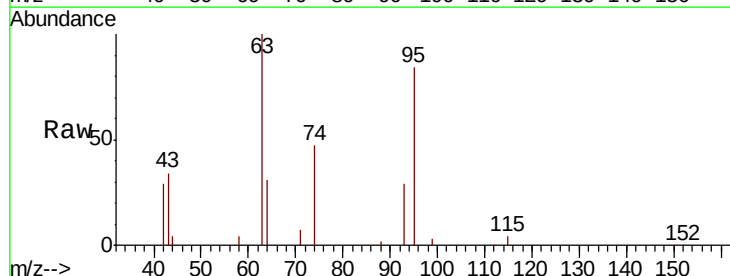
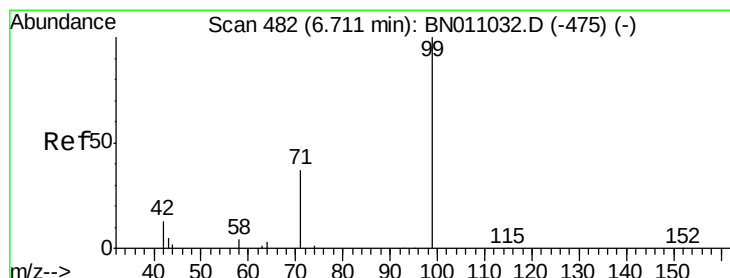
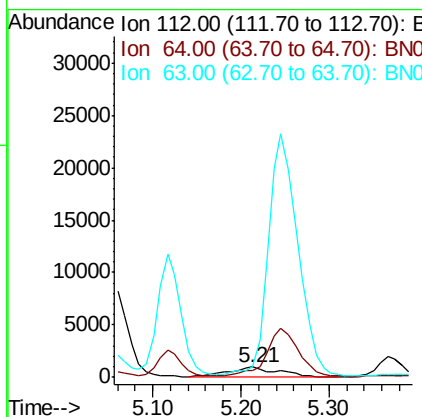
#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.21 min Scan# 296
Delta R.T. 0.03 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tot Ion	Ratio	Lower	Upper
112	100		
64	0.0	37.3	55.9#
63	0.0	20.4	30.6#

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

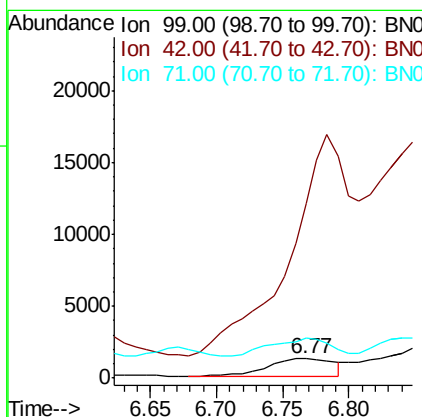
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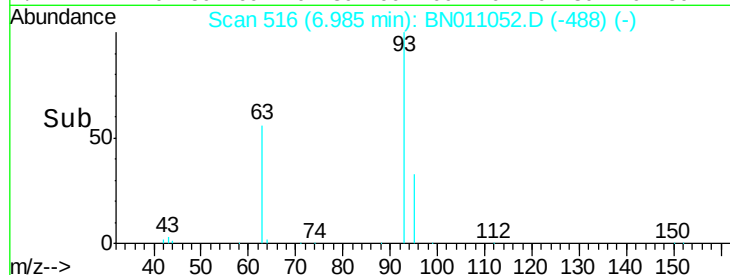
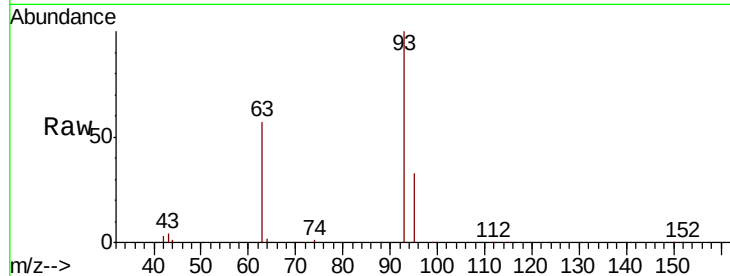
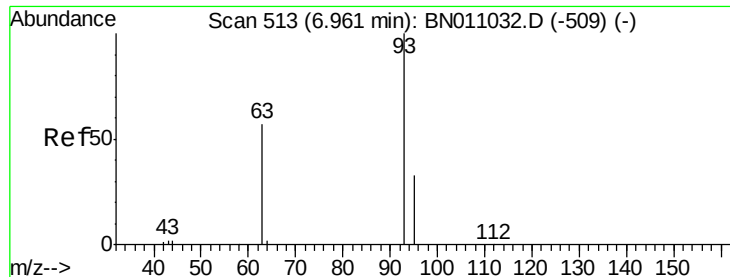
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#5
Phenol-d6
Concen: 0.031 ng
RT: 6.77 min Scan# 489
Delta R.T. 0.06 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
99	100		
42	1251.4	10.6	16.0#
71	95.0	28.7	43.1#





#6

bis(2-Chloroethyl)ether

Concen: 29.242 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.02 min

Lab File: BN011052.D

Acq: 24 Jun 2020 17:26

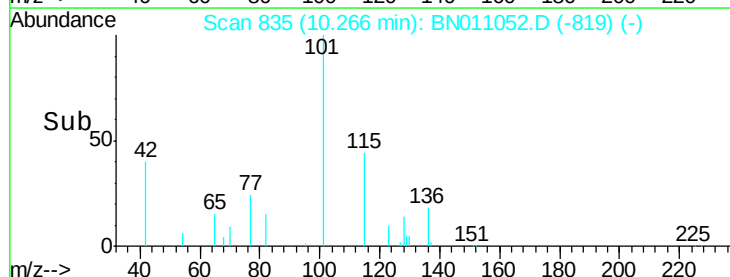
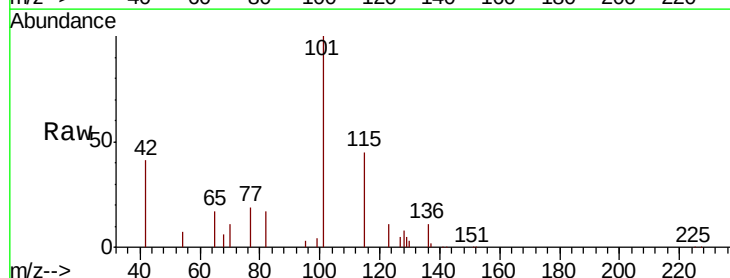
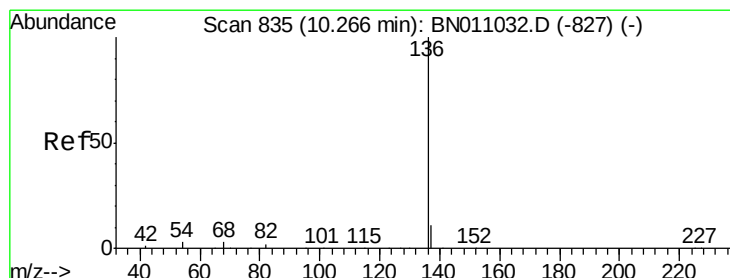
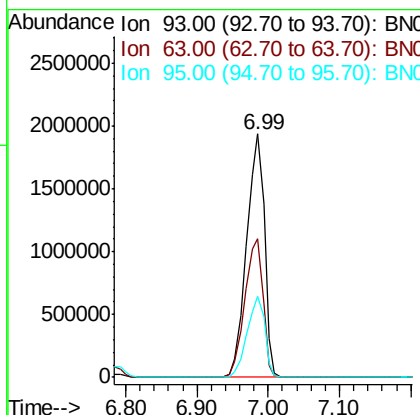
Tot Ion: 93 Resp: 3377049

Ion	Ratio	Lower	Upper
93	100		
63	58.0	43.7	65.5
95	33.1	25.3	37.9

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

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#7

Naphthalene-d8

Concen: 0.400 ng m

RT: 10.27 min Scan# 835

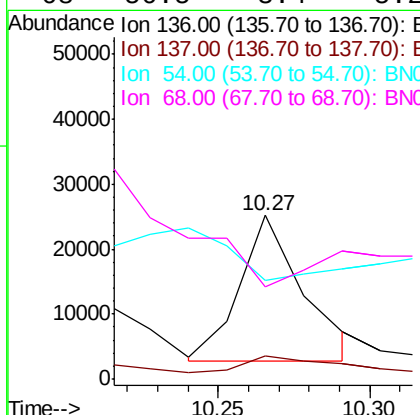
Delta R.T. -0.00 min

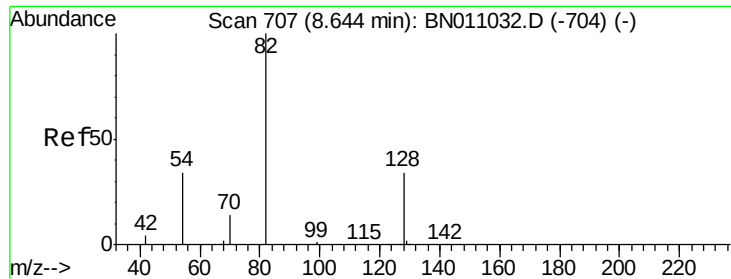
Lab File: BN011052.D

Acq: 24 Jun 2020 17:26

Tgt Ion:136 Resp: 32655

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.6	14.4
54	60.4	3.0	4.4#
68	56.5	3.4	5.2#





#8

Nitrobenzene-d5

Concen: 1.591 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.08 min

Lab File: BN011052.D

Acq: 24 Jun 2020 17:26

Instrument :

BNA_N

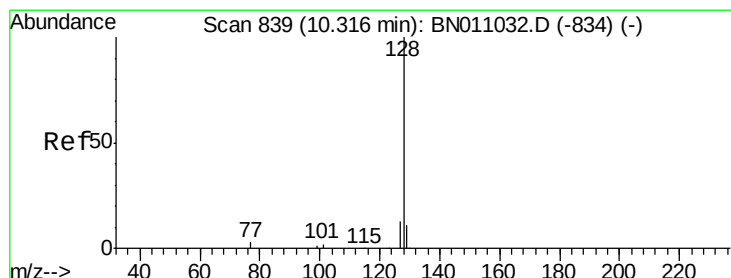
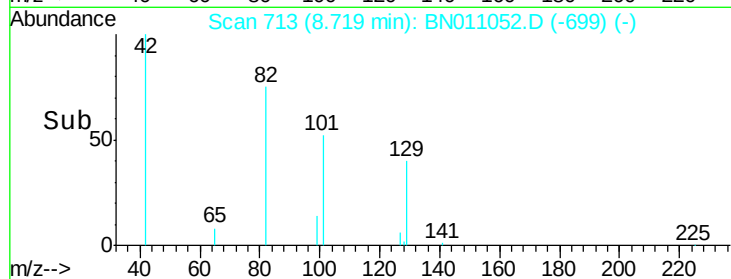
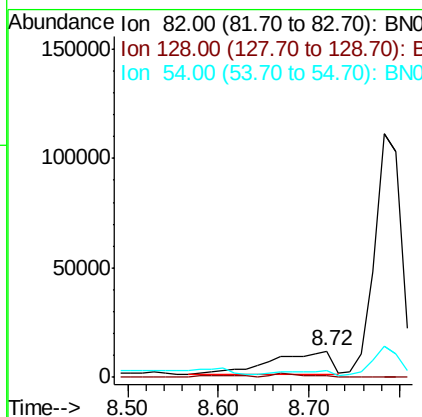
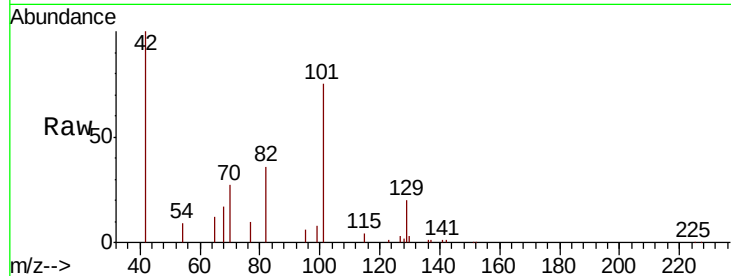
ClientSampleId :

Z1-DUP-0572-200616

Tot Ion:	82	Resp:	47337
Ion Ratio	Lower	Upper	
82	100		
128	4.5	29.4	44.2#
54	24.5	28.8	43.2#

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#9

Naphthalene

Concen: 14.532 ng

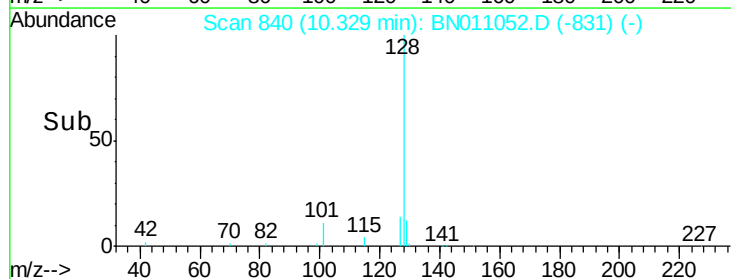
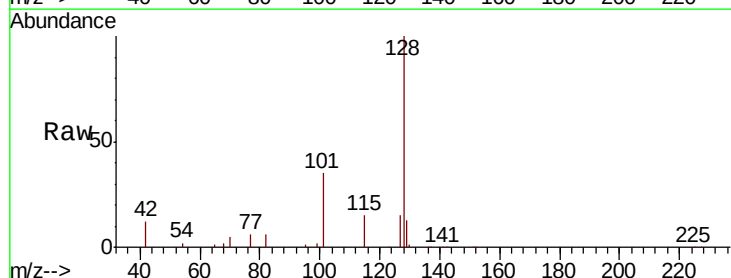
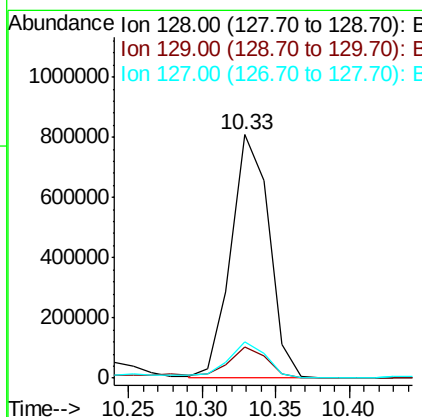
RT: 10.33 min Scan# 840

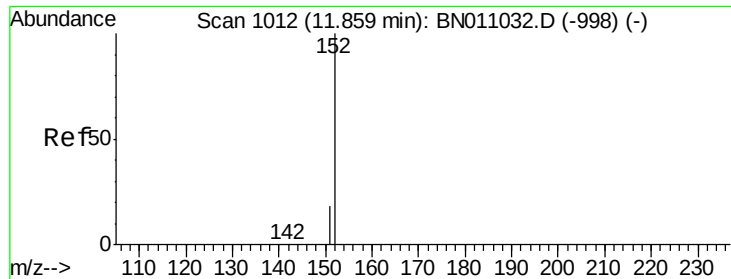
Delta R.T. 0.01 min

Lab File: BN011052.D

Acq: 24 Jun 2020 17:26

Tgt Ion:	128	Resp:	1441287
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.8	14.6
127	14.7	10.9	16.3





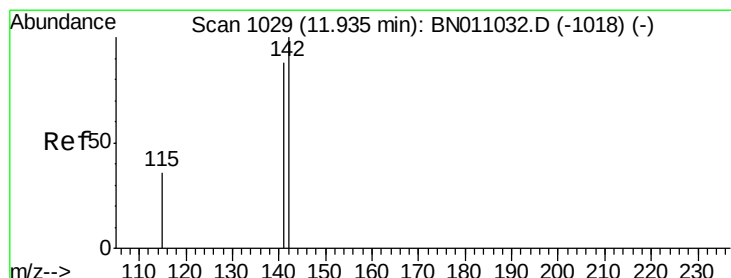
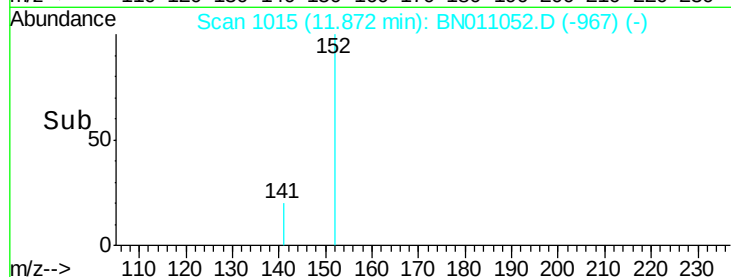
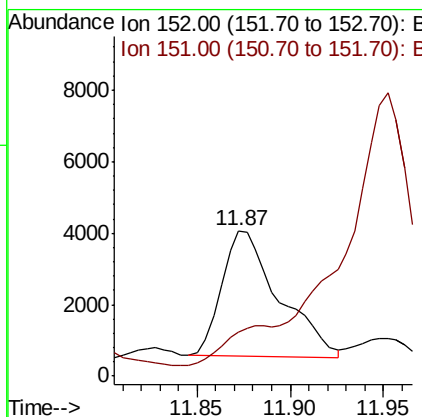
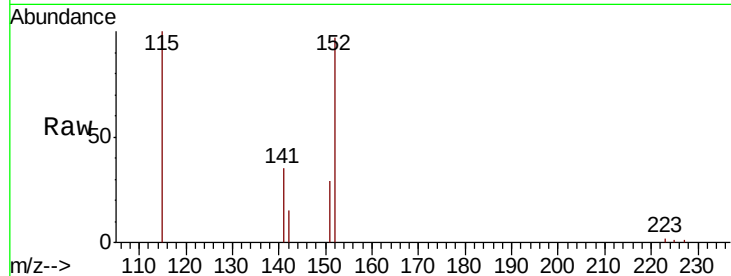
#11
2-Methylnaphthalene-d10
Concen: 0.131 ng
RT: 11.87 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.2	24.4#

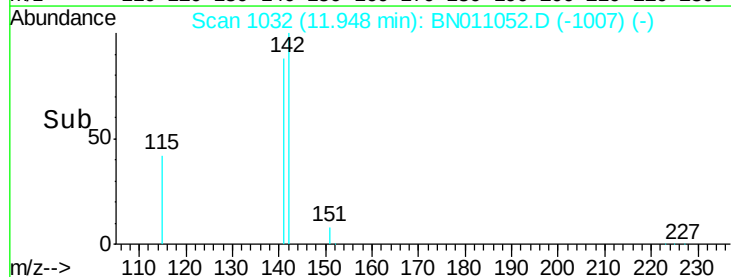
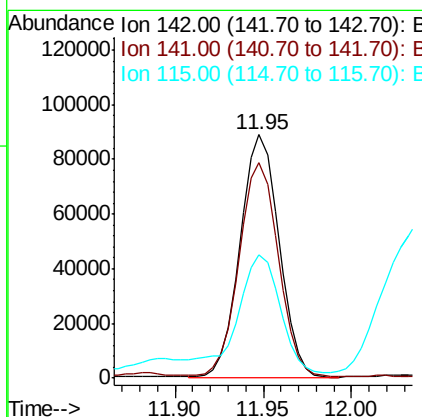
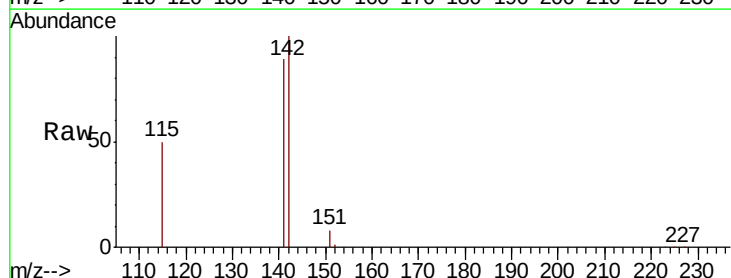
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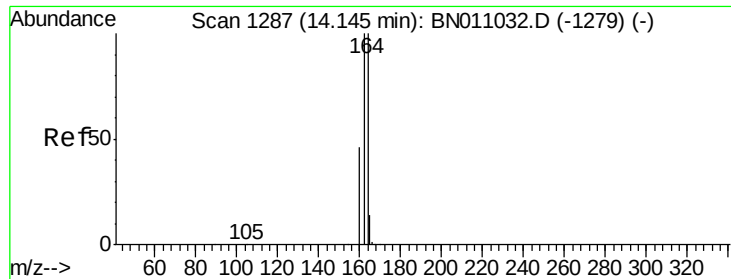
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#12
2-Methylnaphthalene
Concen: 2.036 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	50.5	30.2	45.2#





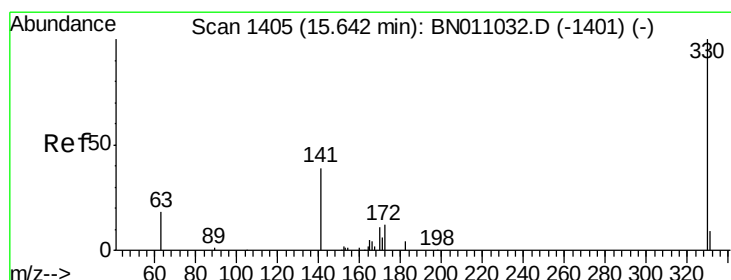
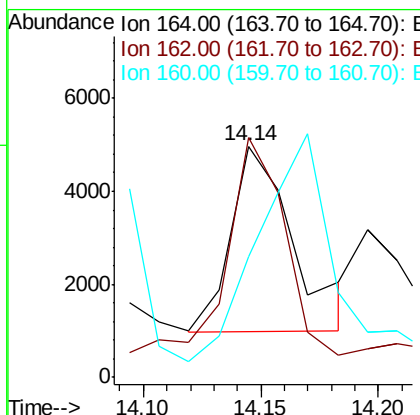
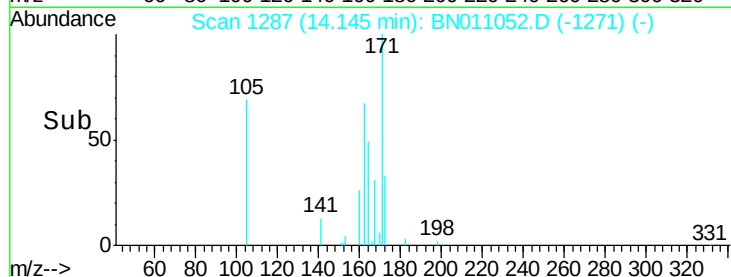
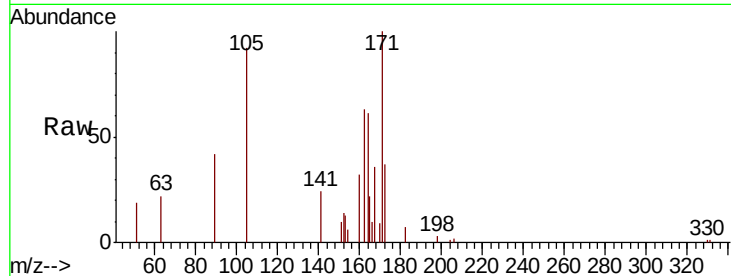
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.4
160	52.3	37.7	56.5

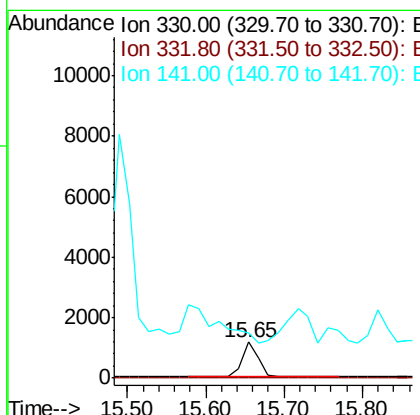
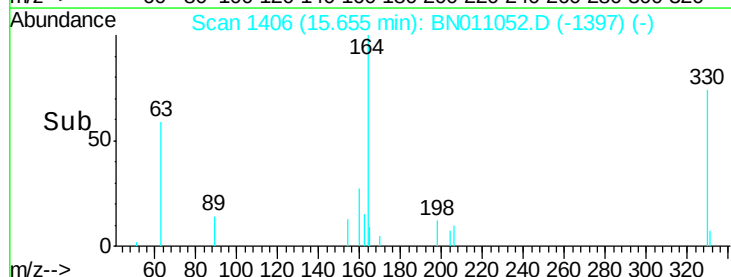
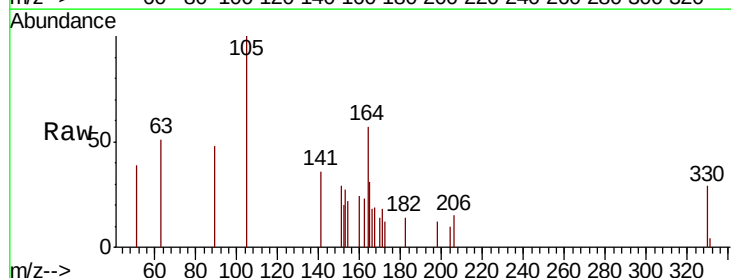
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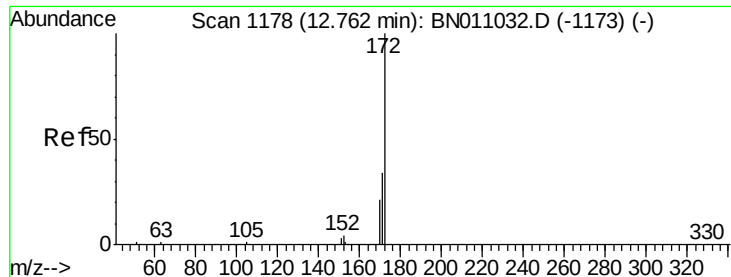
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#14
2,4,6-Tribromophenol
Concen: 0.502 ng
RT: 15.65 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

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





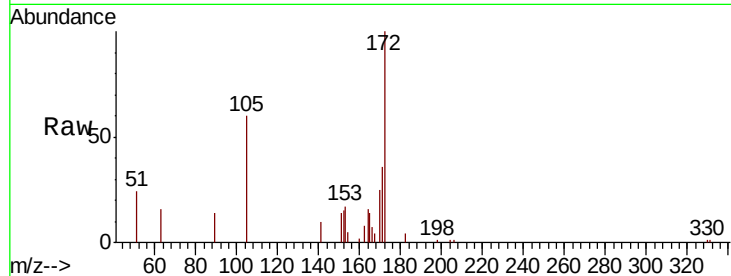
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.4	41.2
170	25.0	17.5	26.3

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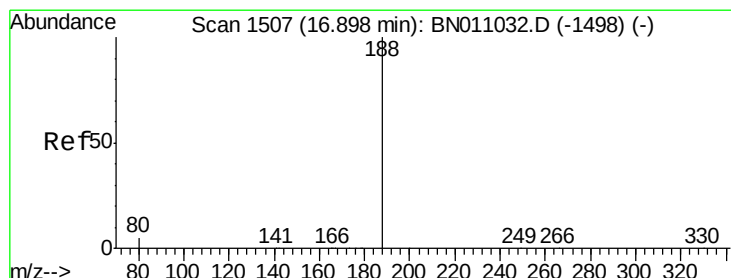
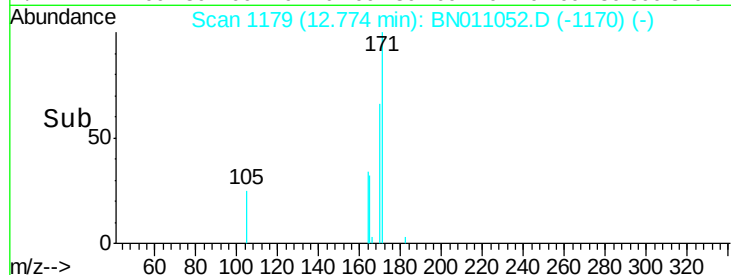
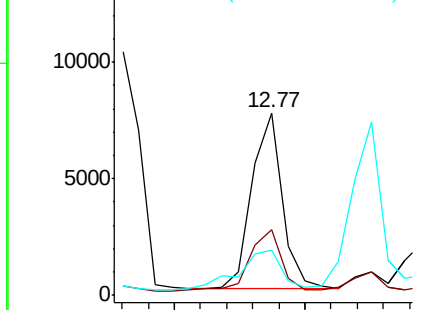


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

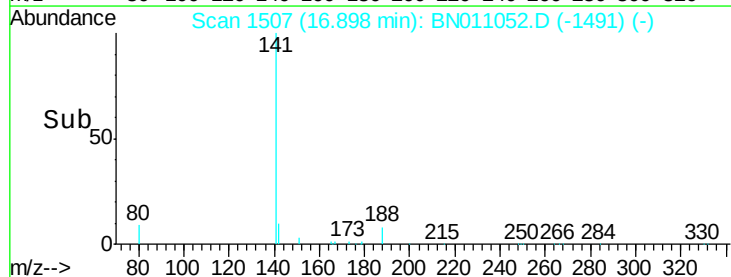
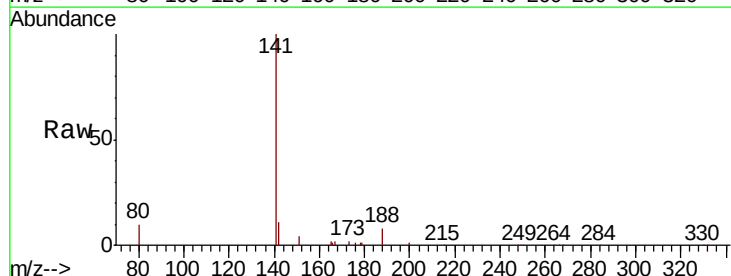
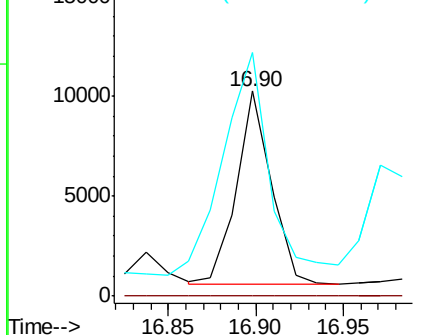
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	118.8	4.6	7.0#

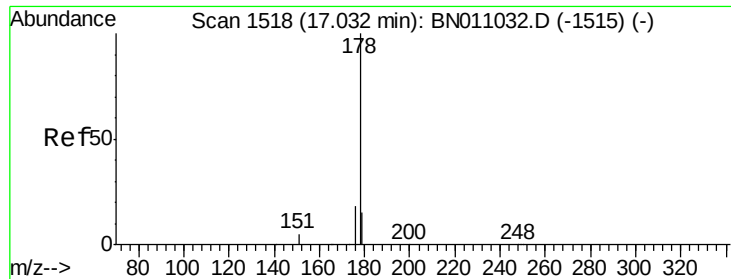
Abundance

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





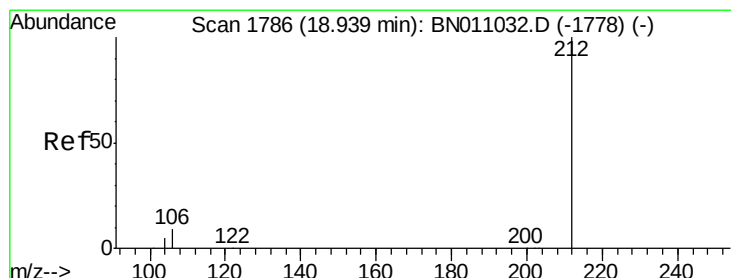
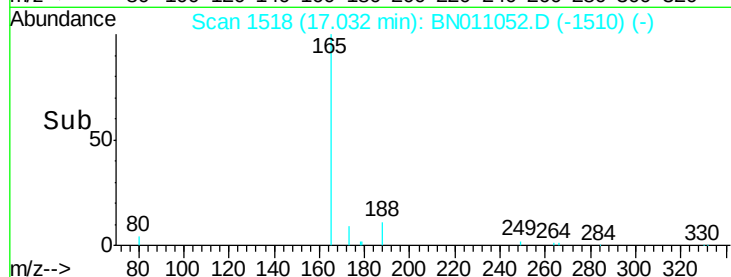
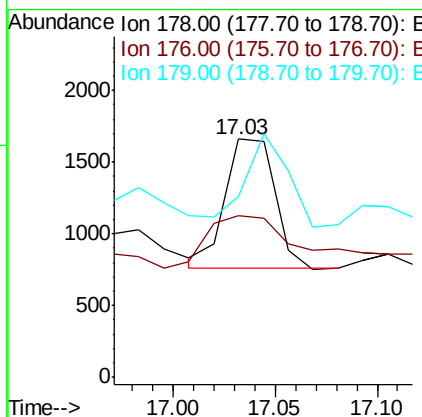
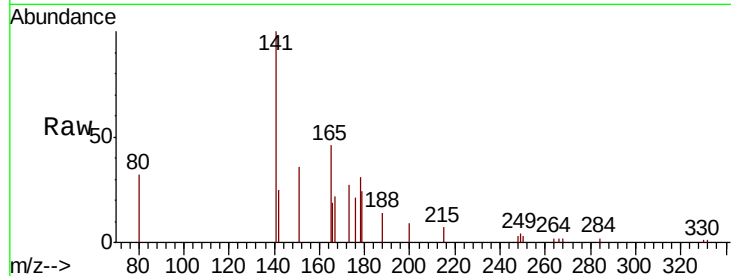
#26
 Anthracene
 Concen: 0.040 ng
 RT: 17.03 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BN011052.D
 Acq: 24 Jun 2020 17:26

Instrument :
 BNA_N
 ClientSampleId :
 Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
178	100		
176	84.3	14.7	22.1#
179	60.1	12.2	18.4#

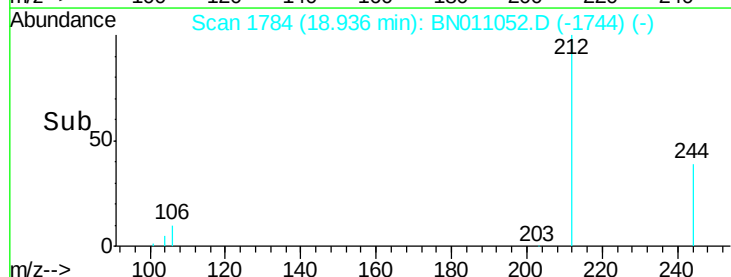
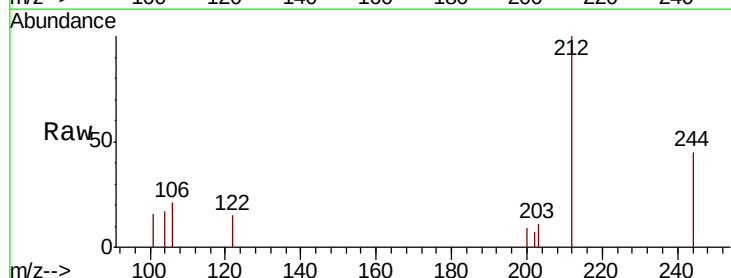
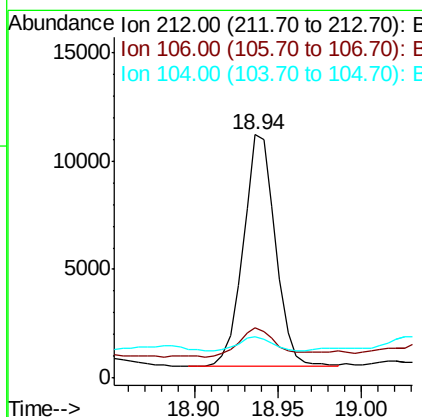
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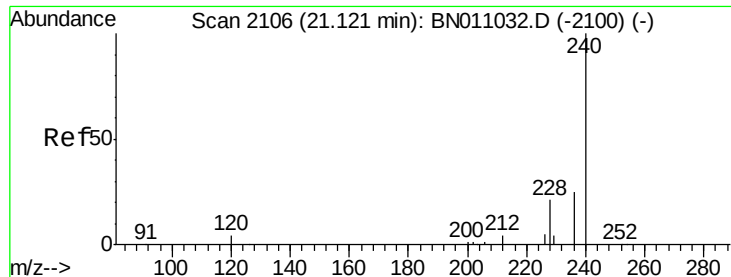
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#27
 Fluoranthene-d10
 Concen: 0.338 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011052.D
 Acq: 24 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.1	7.7	11.5#
104	5.7	4.6	6.8





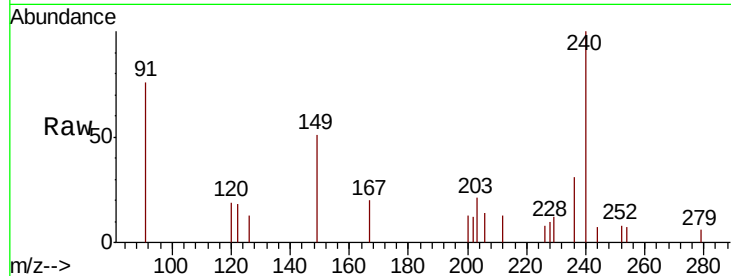
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.8	5.4	8.0#
236	31.0	21.4	32.2

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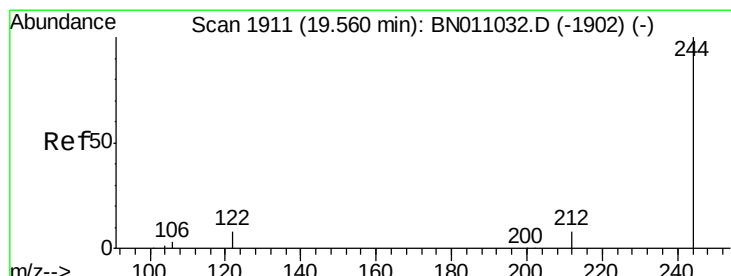
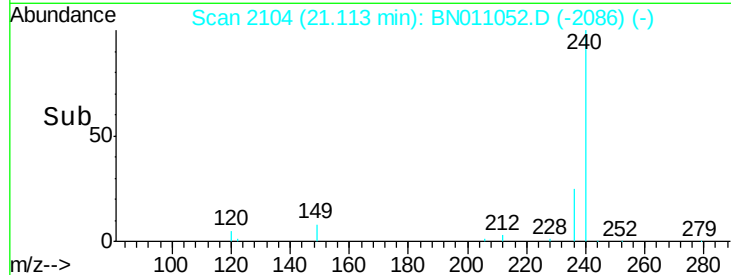
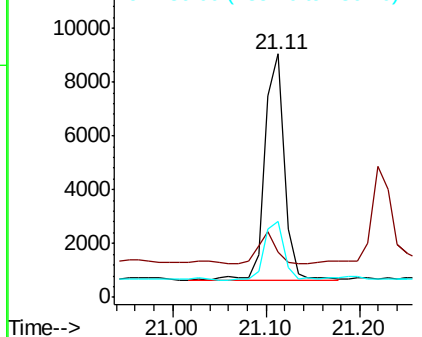


Abundance

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



#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.55 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

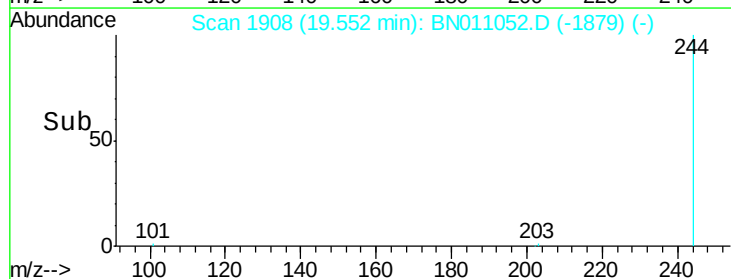
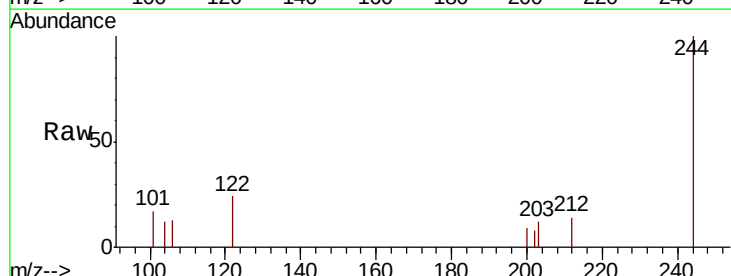
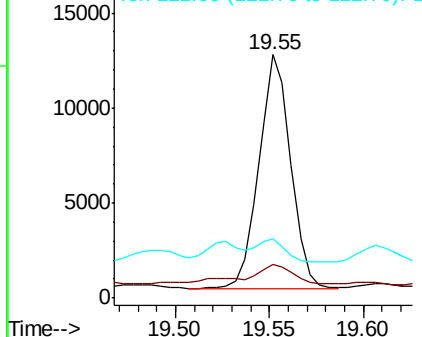
Tgt Ion	Ratio	Lower	Upper
244	100		
212	14.0	6.9	10.3#
122	24.5	7.4	11.0#

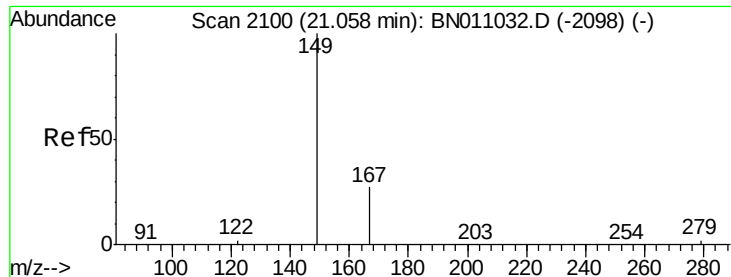
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





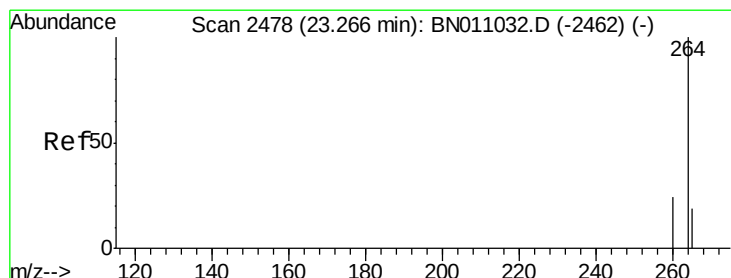
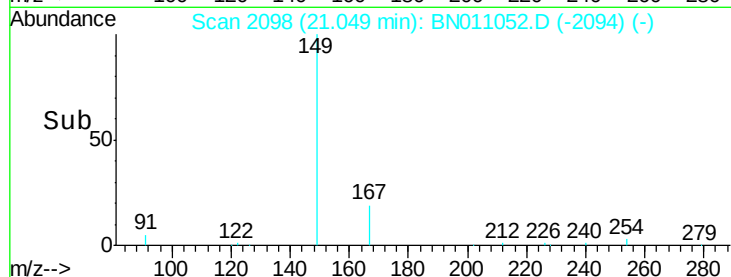
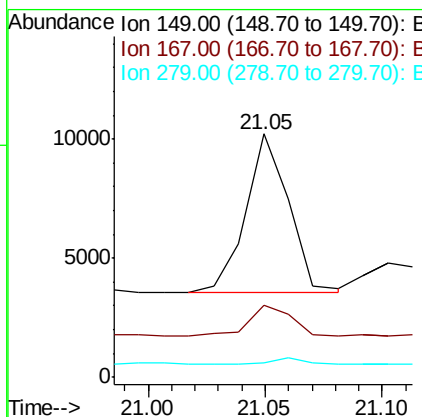
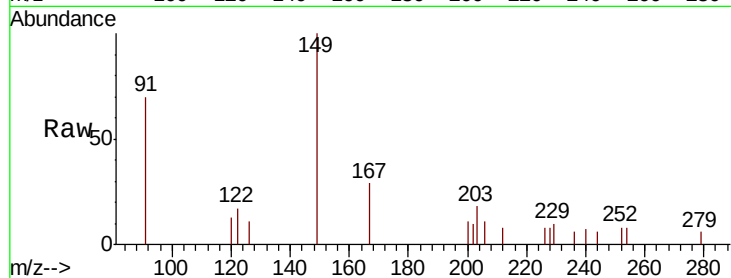
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.499 ng
 RT: 21.05 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BN011052.D
 Acq: 24 Jun 2020 17:26

Instrument :
 BNA_N
 ClientSampleId :
 Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
149	100		
167	19.6	22.2	33.2#
279	3.5	3.9	5.9#

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#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BN011052.D
 Acq: 24 Jun 2020 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.0	30.0
265	71.6	64.9	97.3

