

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010637.D
 Acq On : 28 Apr 2020 23:40
 Operator : CG/JU
 Sample : L2423-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WB-3-2

Manual Integrations
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mohammad
 4/30/2020 12:05:33 AM

Quant Time: May 04 06:51:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3029	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	13324	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	8784	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	20162	0.40	ng	0.00
27) Chrysene-d12	21.16	240	17557	0.40	ng	0.00
34) Perylene-d12	23.32	264	16073	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	724	0.11	ng	0.00
5) Phenol-d6	6.78	99	567	0.07	ng	0.00
8) Nitrobenzene-d5	8.72	82	2651	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	6051	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1328	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	9803	0.31	ng	0.00
25) Fluoranthene-d10	18.99	212	21568	0.35	ng	0.00
29) Terphenyl-d14	19.60	244	21180	0.53	ng	0.00

Target Compounds				Qvalue		
9) Naphthalene	10.39	128	24979	0.755	ng	99
12) 2-Methylnaphthalene	12.01	142	9381	0.395	ng	99
16) Acenaphthylene	13.92	152	2812	0.074	ng	# 81
17) Acenaphthene	14.27	154	15042	0.617	ng	98
18) Fluorene	15.26	166	8850	0.277	ng	99
23) Phenanthrene	17.00	178	34291	0.630	ng	100
24) Anthracene	17.09	178	3848	0.077	ng	99
26) Fluoranthene	19.02	202	9574	0.141	ng	100
28) Pyrene	19.39	202	7930	0.134	ng	# 96
31) Chrysene	21.20	228	1868	0.033	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.10	149	2485	0.085	ng	97
33) Indeno(1,2,3-cd)pyrene	25.46	276	2356	0.047	ng	98
36) Benzo(k)fluoranthene	22.72	252	1064m	0.020	ng	
39) Benzo(a,h,i)perylene	26.10	276	2915	0.068	ng	# 79

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

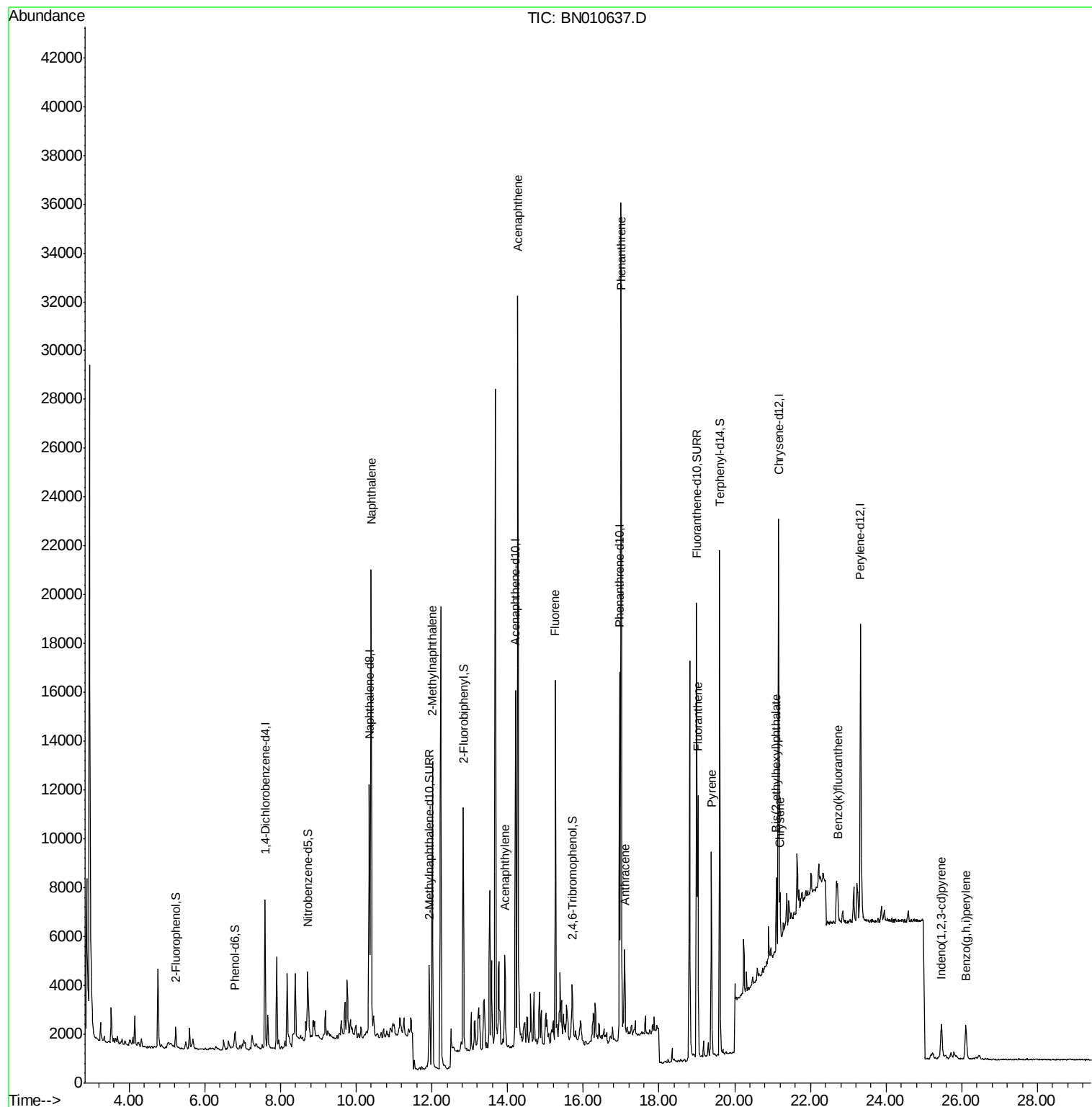
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010637.D
Acq On : 28 Apr 2020 23:40
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

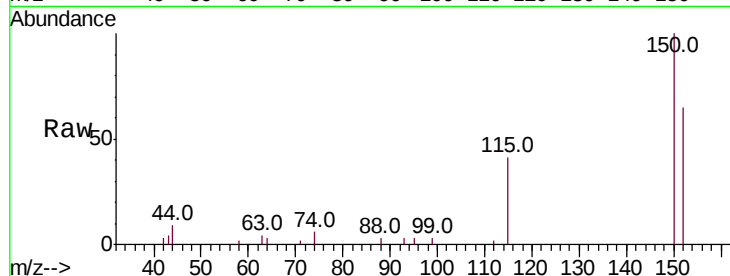
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.8	182.6
115	62.2	45.5	68.3

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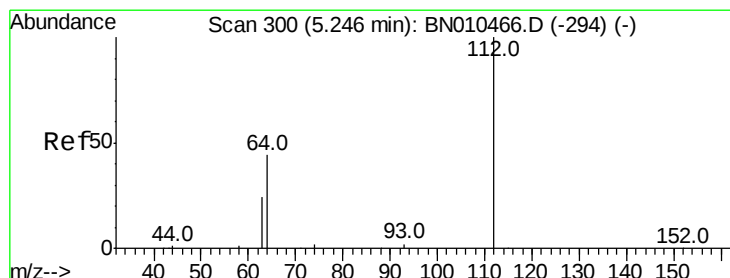
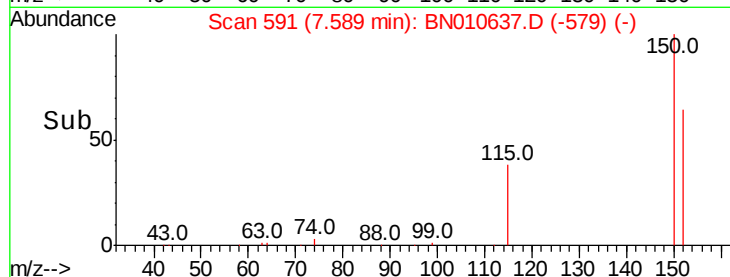
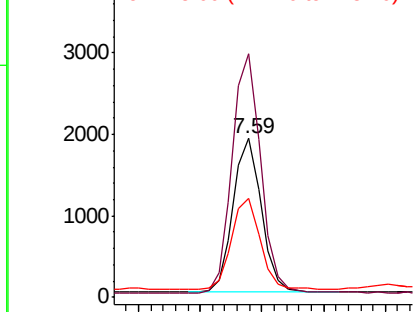


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

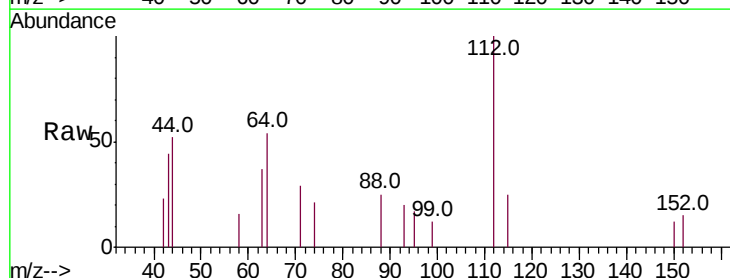
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.109 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	35.8	53.8
63	23.5	19.9	29.9

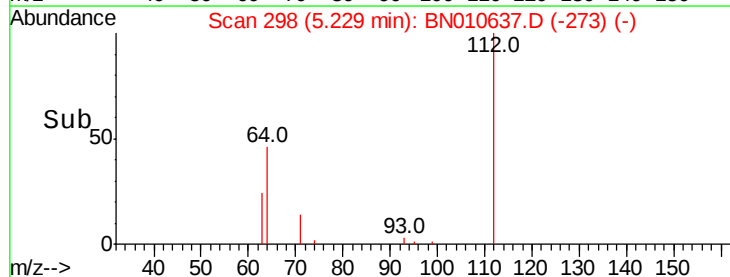
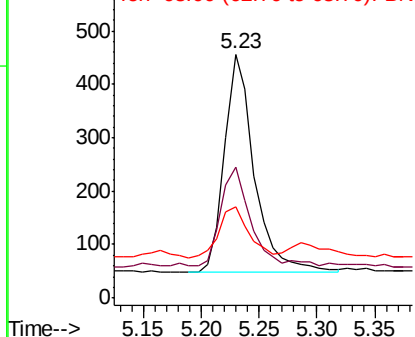


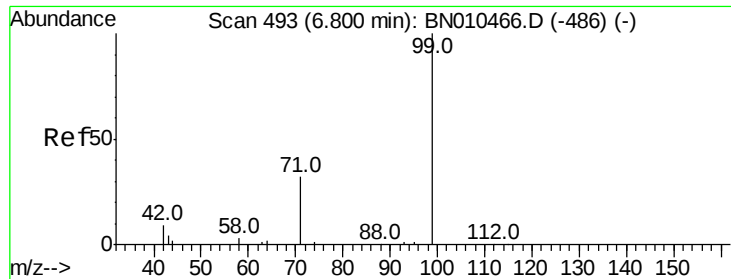
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.065 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010637.D

Acq: 28 Apr 2020 23:40

Instrument :

BNA_N

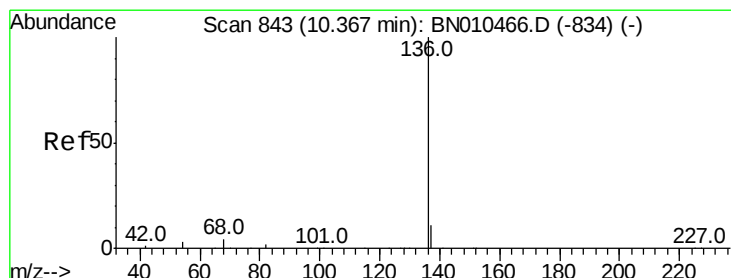
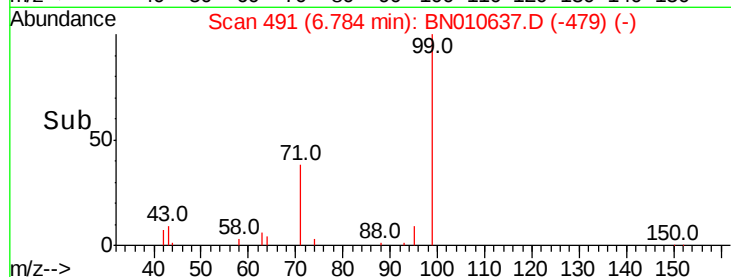
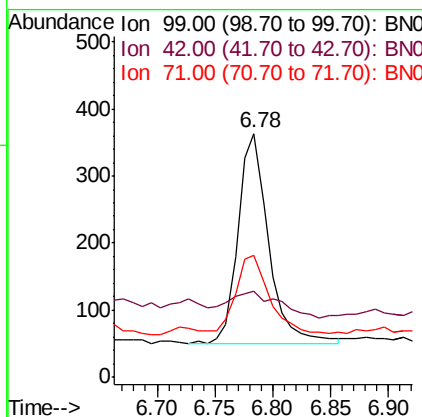
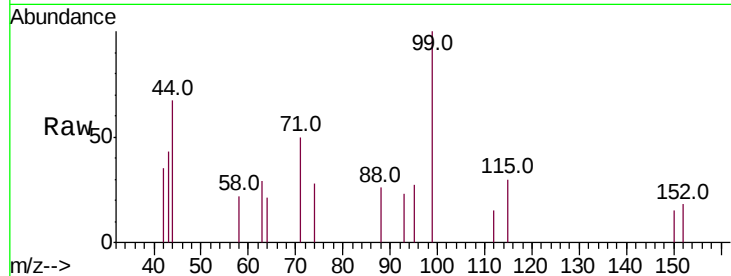
ClientSampleId :

WB-3-2

Tot Ion:	99	Resp:	567
Ion	Ratio	Lower	Upper
99	100		
42	22.0	9.8	14.6#
71	40.9	27.8	41.8

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#7

Naphthalene-d8

Concen: 0.400 ng

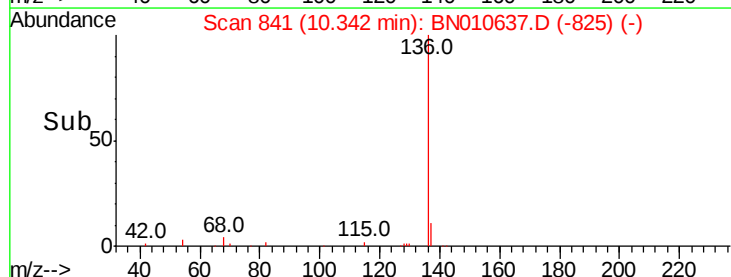
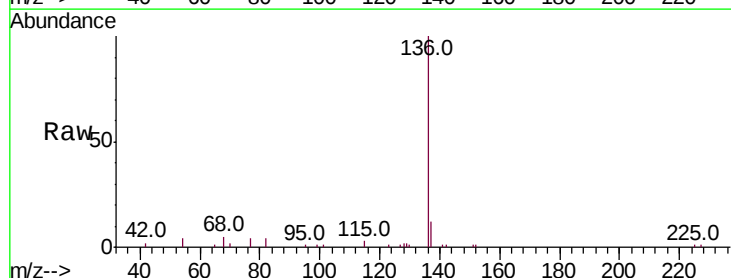
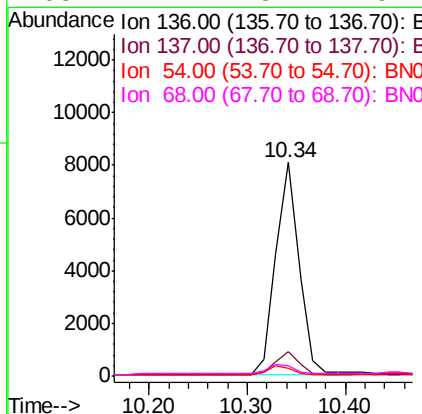
RT: 10.34 min Scan# 841

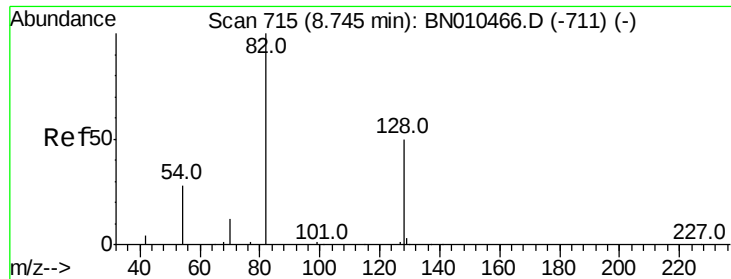
Delta R.T. -0.00 min

Lab File: BN010637.D

Acq: 28 Apr 2020 23:40

Tgt Ion:	136	Resp:	13324
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	3.7	2.6	4.0
68	4.7	3.4	5.2





#8

Nitrobenzene-d5

Concen: 0.285 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010637.D

Acq: 28 Apr 2020 23:40

Instrument :

BNA_N

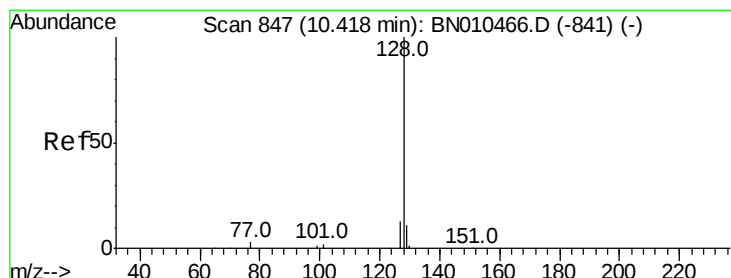
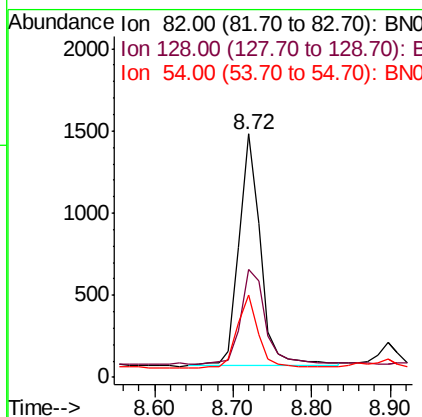
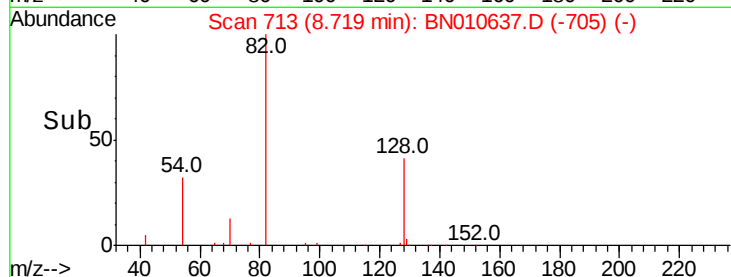
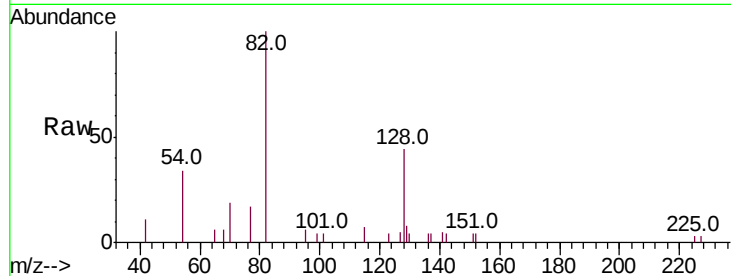
ClientSampleId :

WB-3-2

Tot Ion:	82	Resp:	2651
Ion Ratio	Lower	Upper	
82	100		
128	44.5	41.3	61.9
54	33.9	23.4	35.0

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#9

Naphthalene

Concen: 0.755 ng

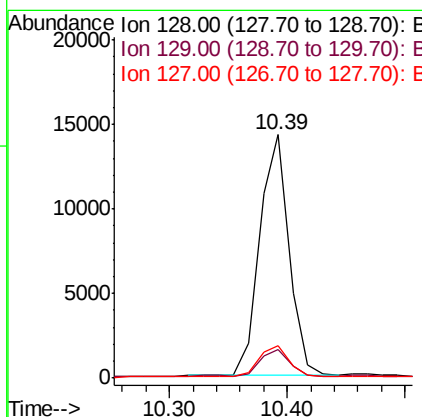
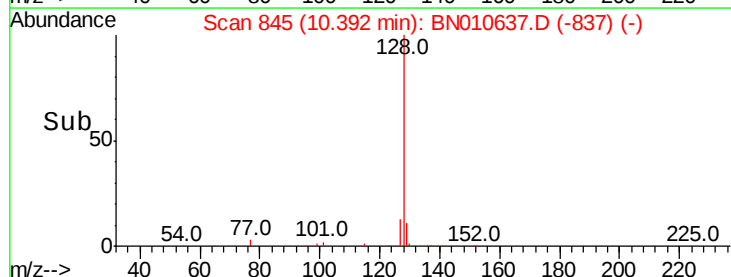
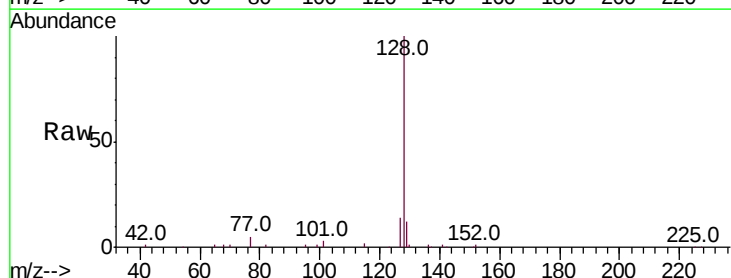
RT: 10.39 min Scan# 845

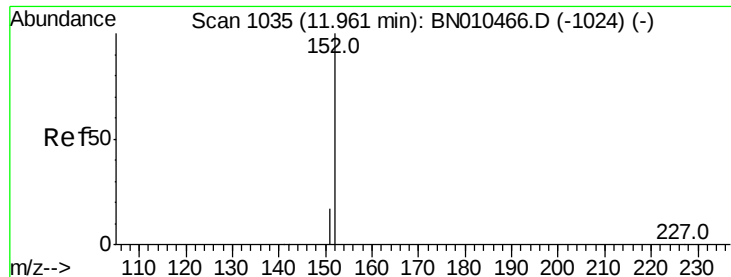
Delta R.T. -0.00 min

Lab File: BN010637.D

Acq: 28 Apr 2020 23:40

Tgt Ion:	128	Resp:	24979
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.3	13.9
127	13.5	10.5	15.7





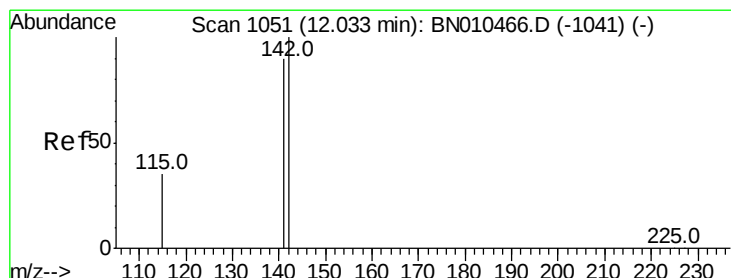
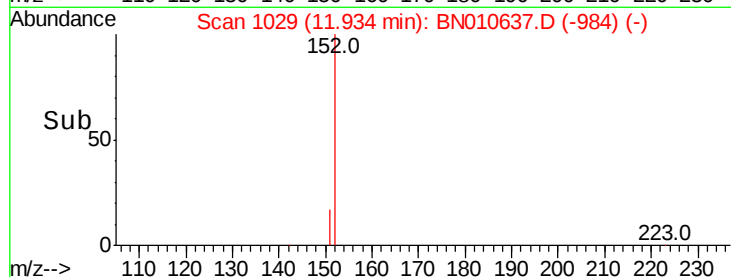
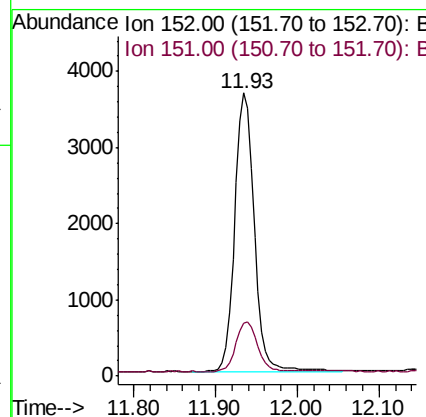
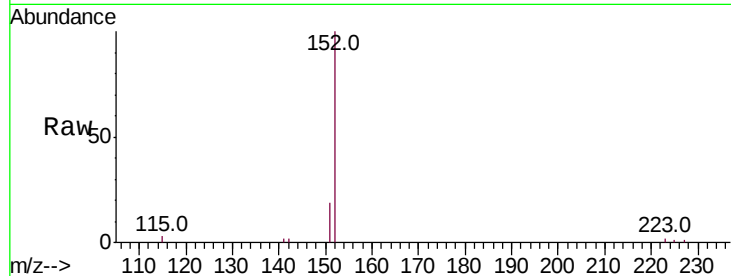
#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9

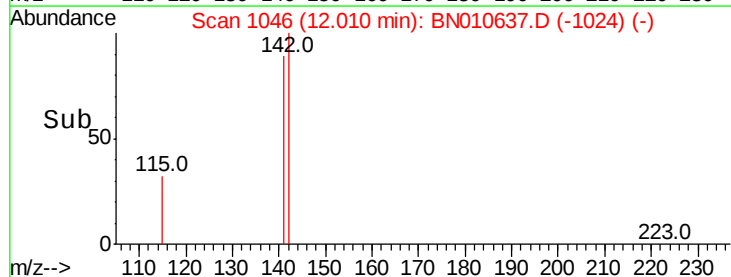
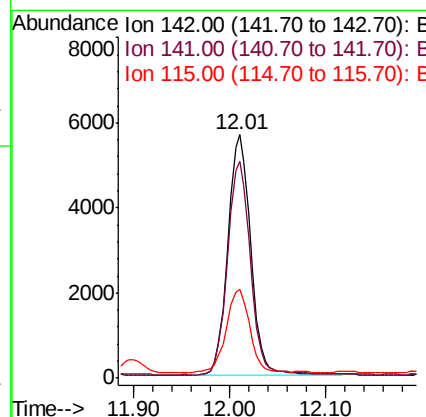
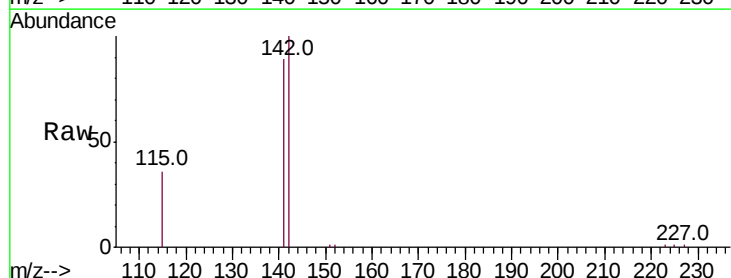
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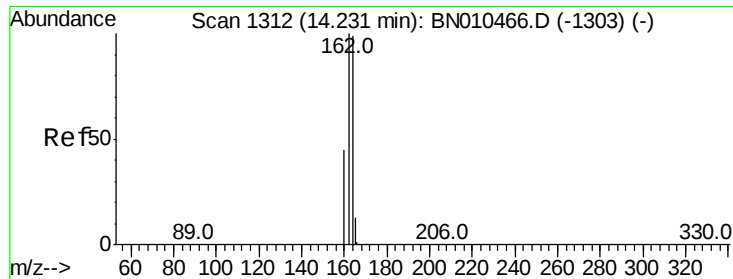
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#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	36.2	28.8	43.2





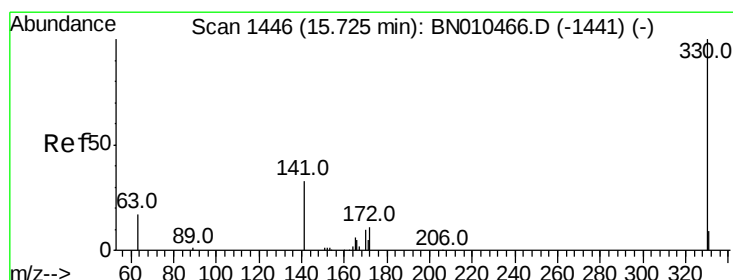
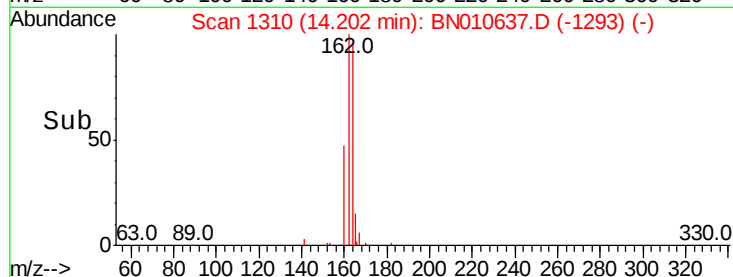
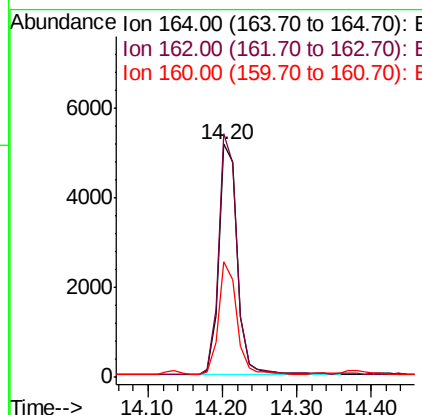
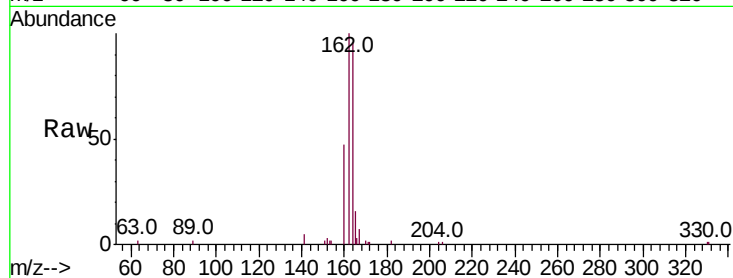
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.20 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BN010637.D
 Acq: 28 Apr 2020 23:40

Instrument :
 BNA_N
 ClientSampleId :
 WB-3-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	121.0
160	49.6	36.5	54.7

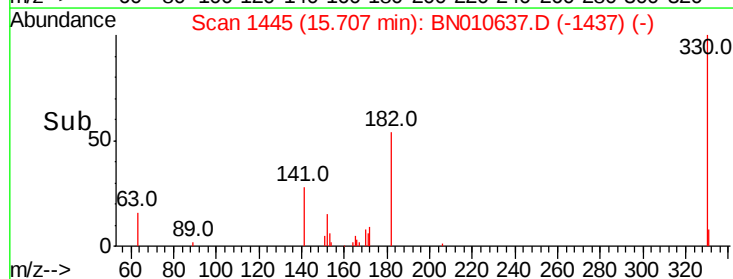
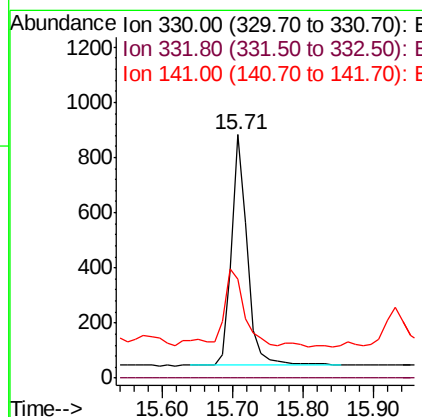
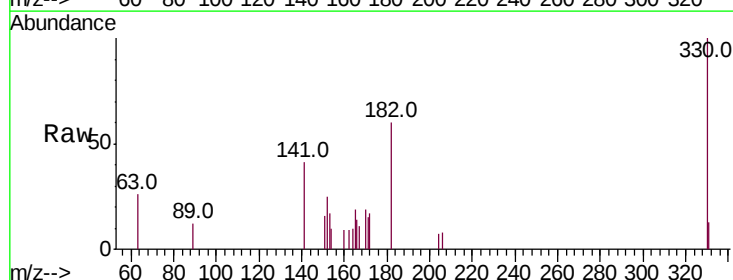
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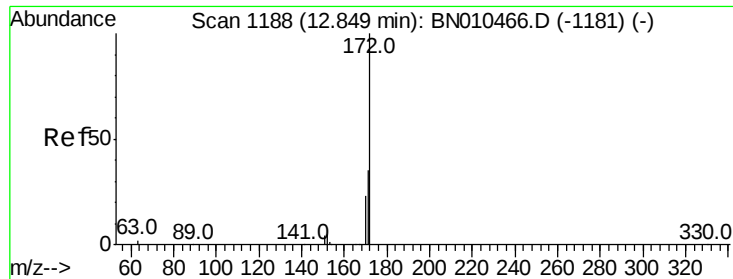
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#14
 2,4,6-Tribromophenol
 Concen: 0.321 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BN010637.D
 Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.5	28.1	42.1#





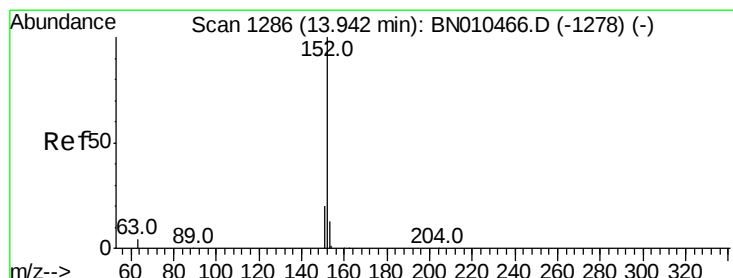
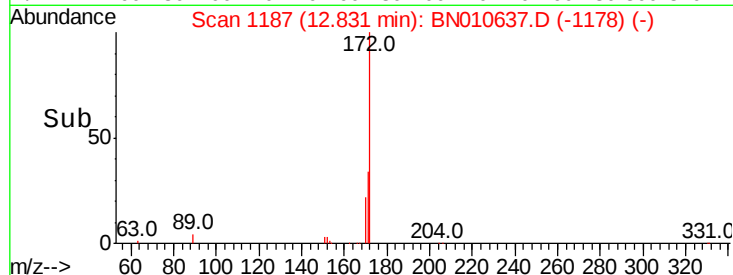
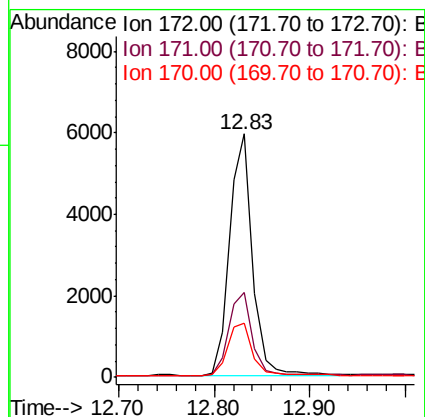
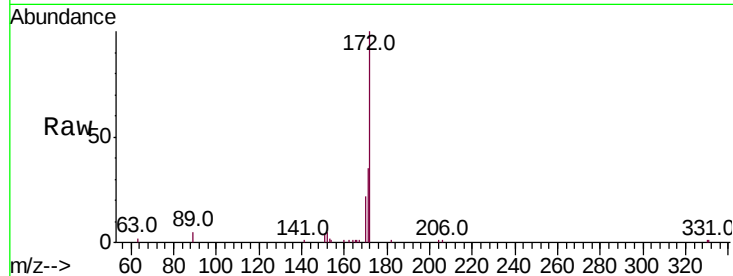
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.2	18.4	27.6

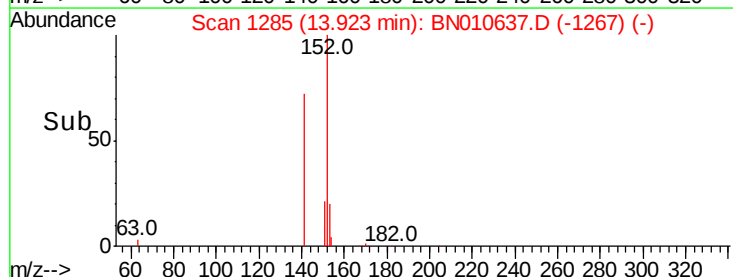
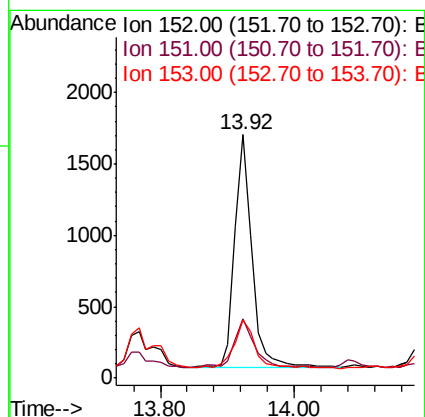
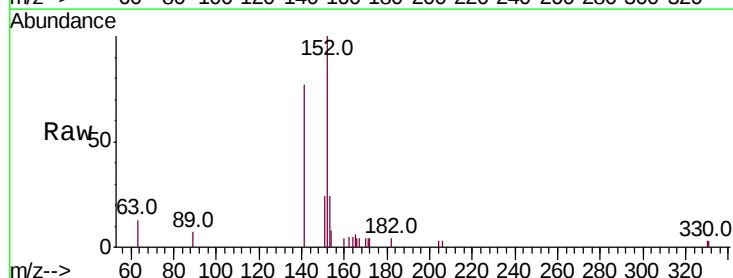
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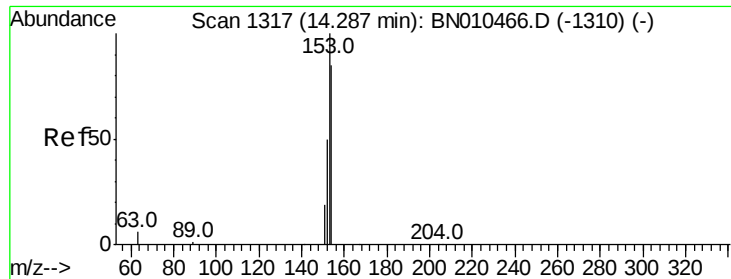
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#16
Acenaphthylene
Concen: 0.074 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.8	15.7	23.5#
153	25.5	10.6	15.8#





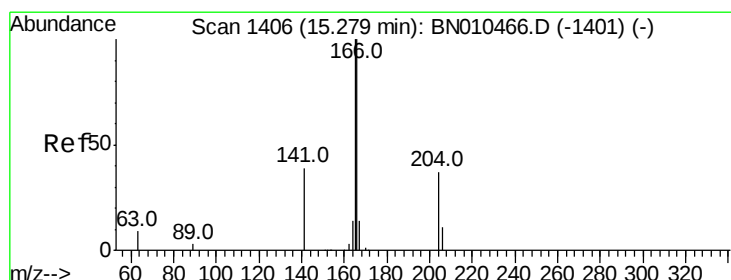
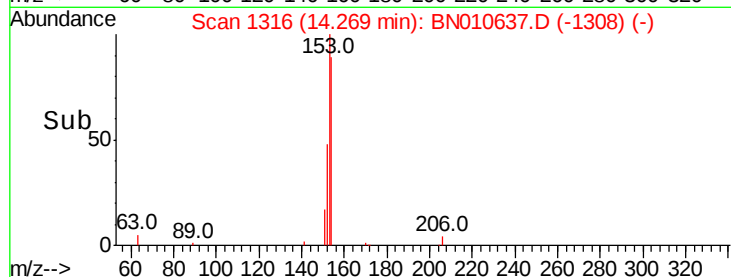
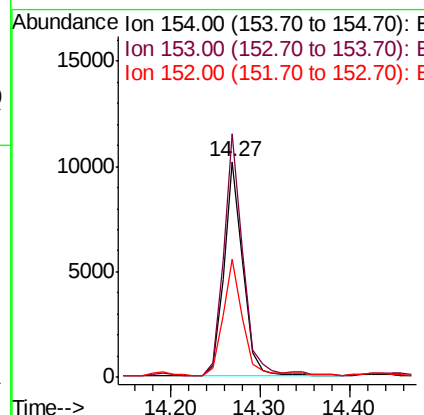
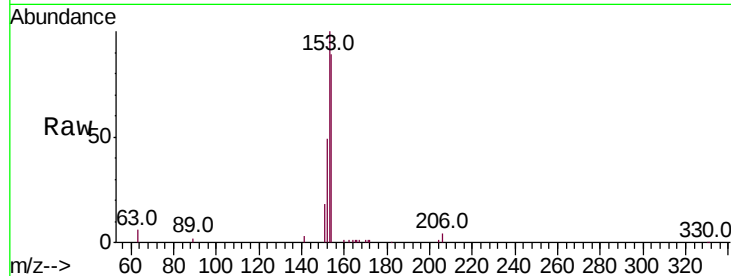
#17
Acenaphthene
Concen: 0.617 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.0	136.4
152	56.2	44.6	67.0

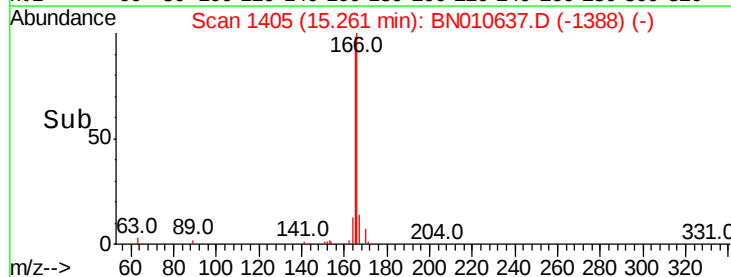
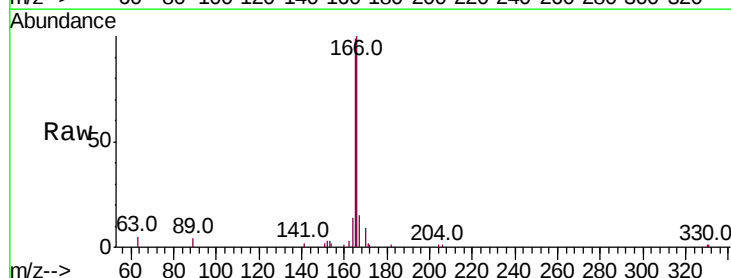
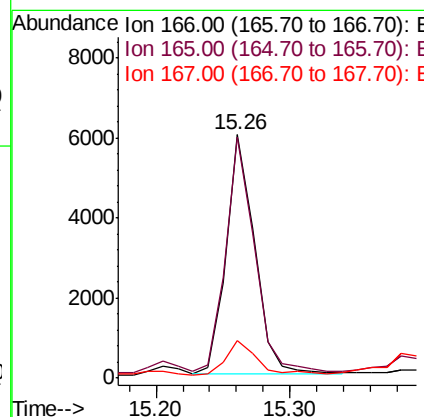
Manual Integrations
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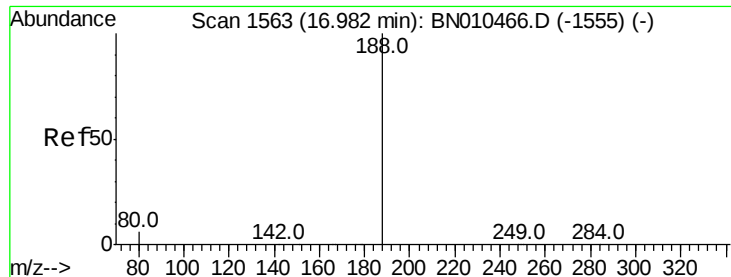
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#18
Fluorene
Concen: 0.277 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	16.1	10.9	16.3





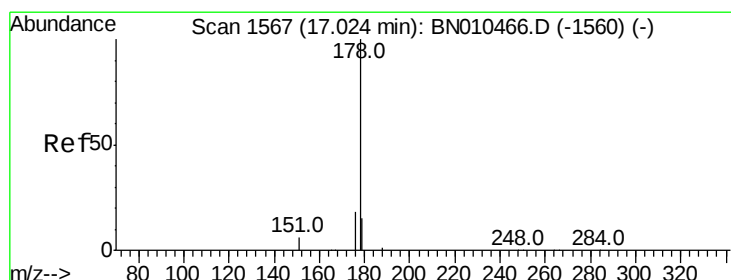
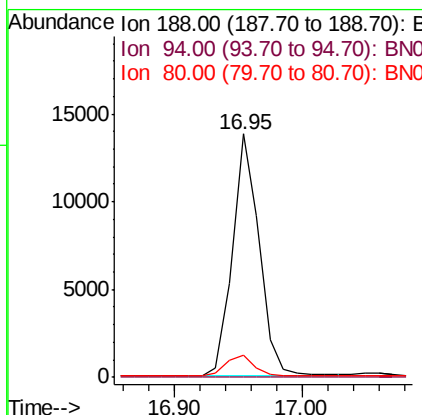
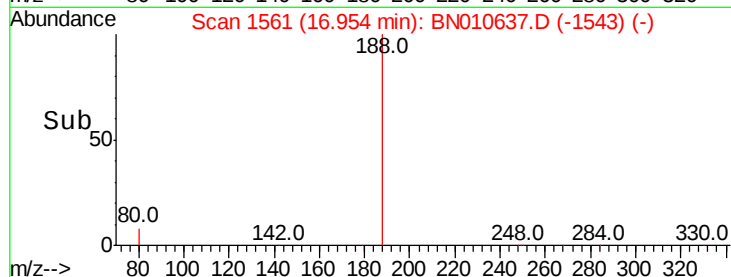
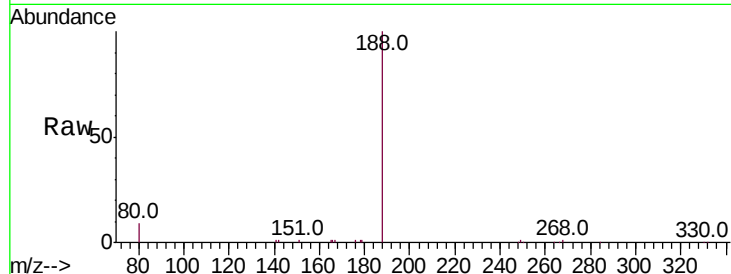
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	5.0	7.6#

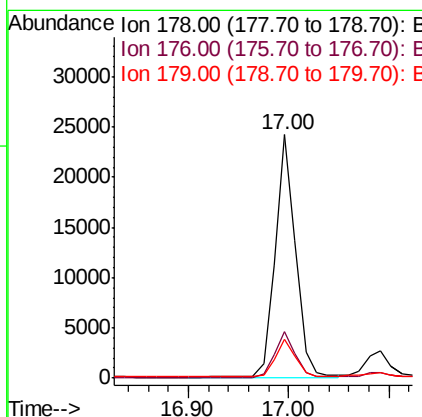
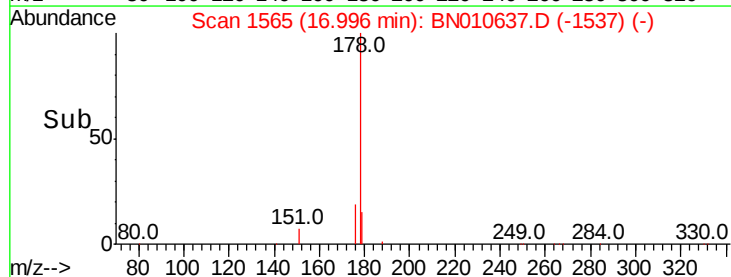
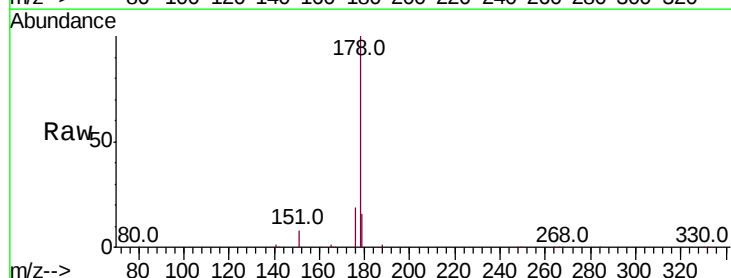
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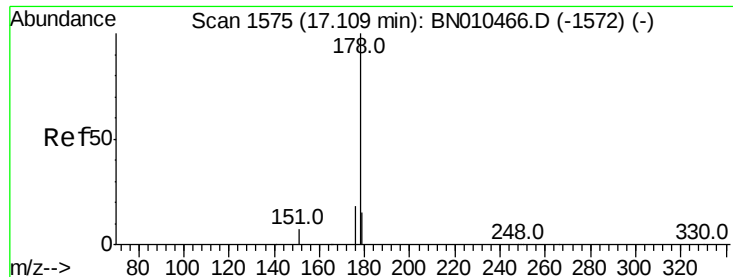
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#23
Phenanthrene
Concen: 0.630 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.6	18.8





#24

Anthracene

Concen: 0.077 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010637.D

Acq: 28 Apr 2020 23:40

Instrument :

BNA_N

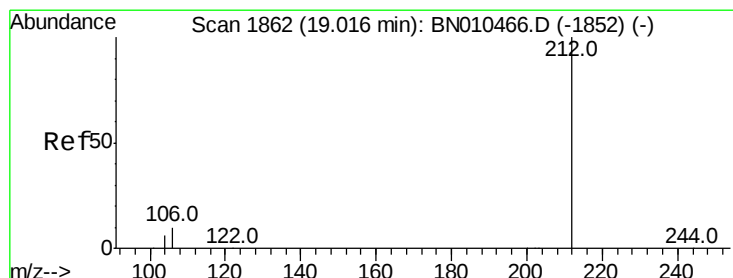
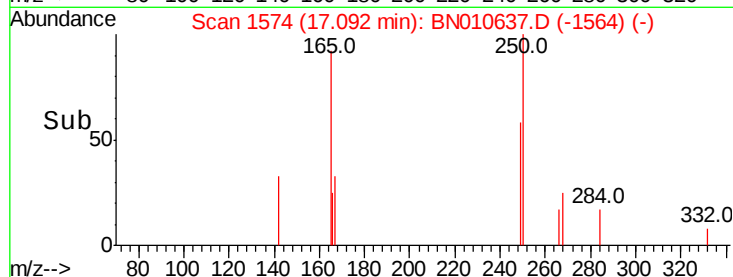
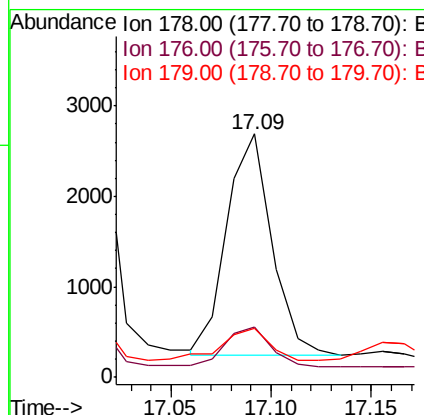
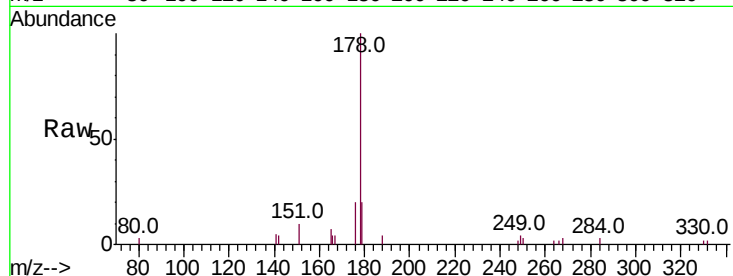
ClientSampleId :

WB-3-2

Tot Ion:	178	Resp:	3848
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.6	21.8
179	16.0	12.2	18.2

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#25

Fluoranthene-d10

Concen: 0.353 ng

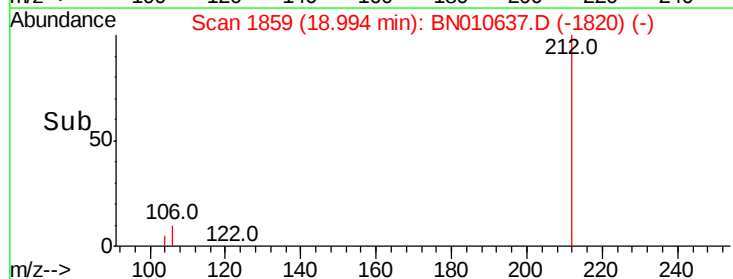
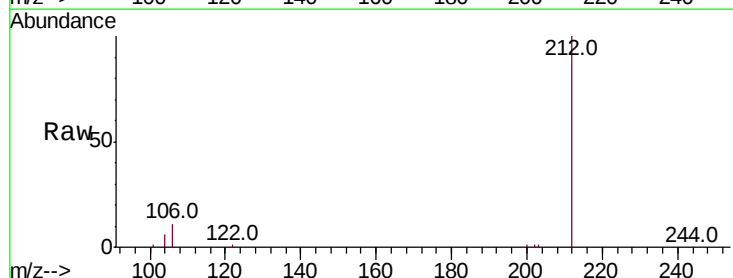
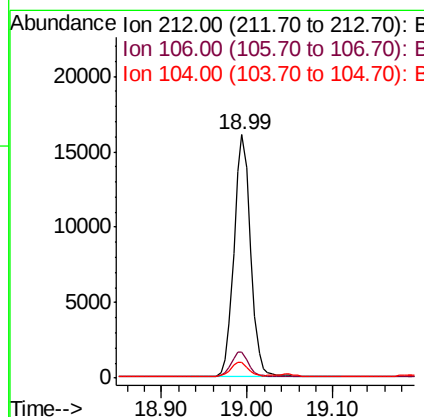
RT: 18.99 min Scan# 1859

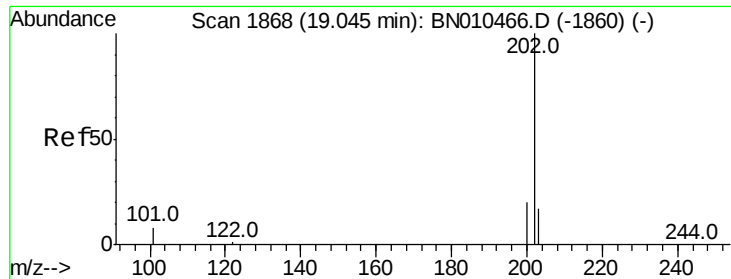
Delta R.T. -0.01 min

Lab File: BN010637.D

Acq: 28 Apr 2020 23:40

Tgt Ion:	212	Resp:	21568
Ion Ratio	Lower	Upper	
212	100		
106	10.6	7.8	11.6
104	5.9	4.5	6.7





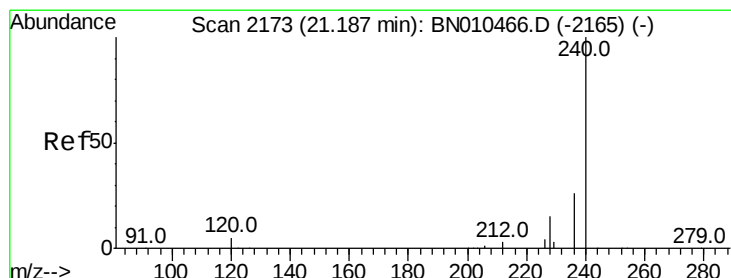
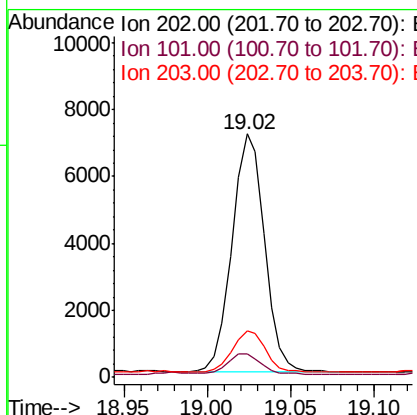
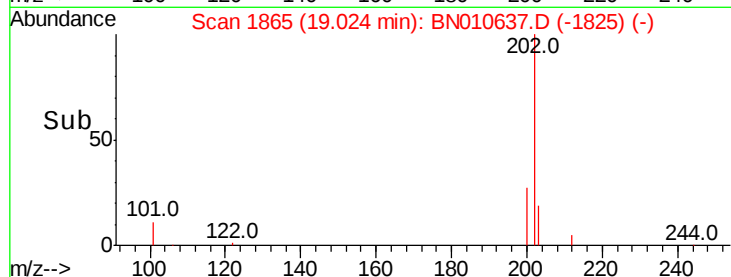
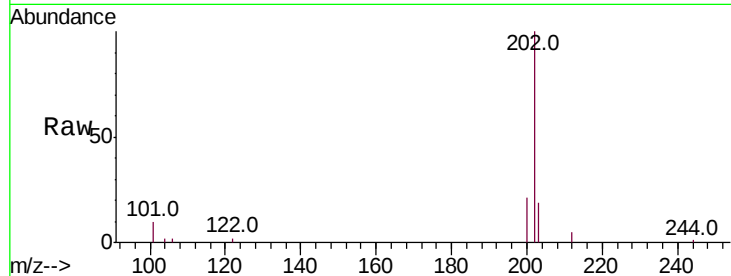
#26
Fluoranthene
Concen: 0.141 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampled :
WB-3-2

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
203	17.4	13.9	20.9

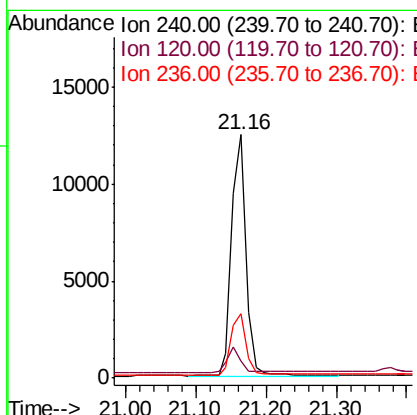
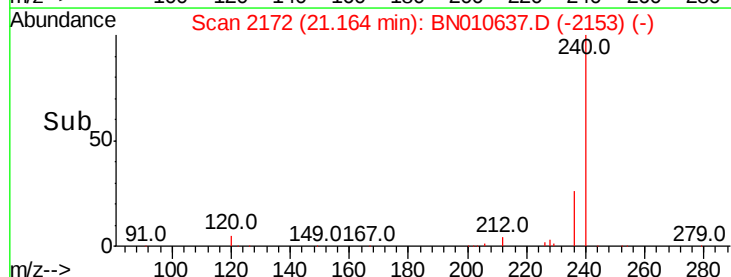
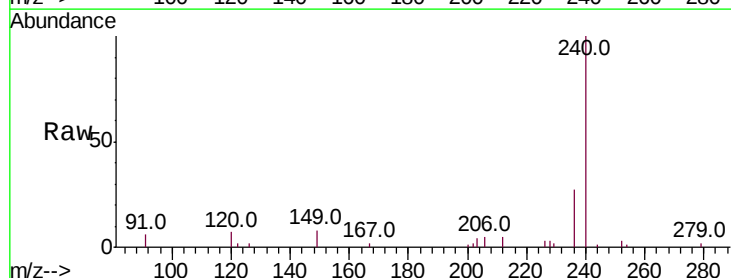
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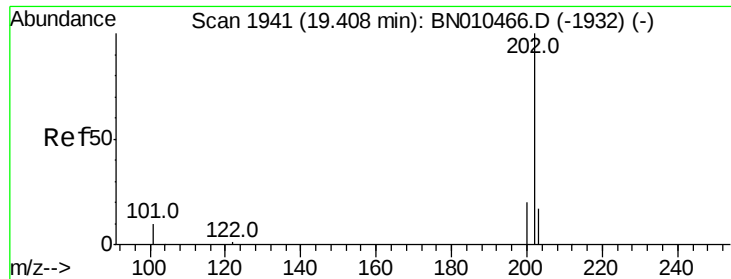
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.8	7.2
236	26.7	21.4	32.0





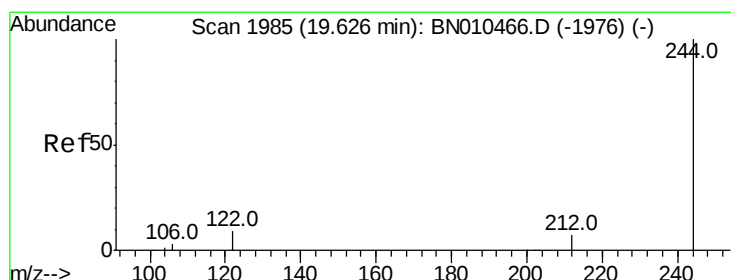
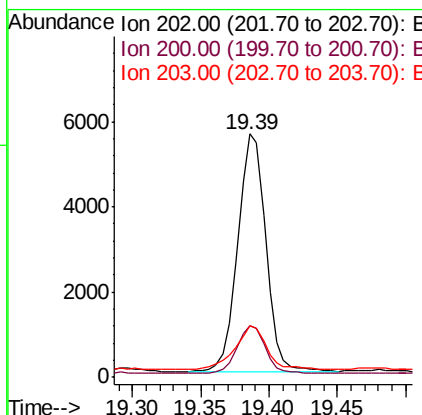
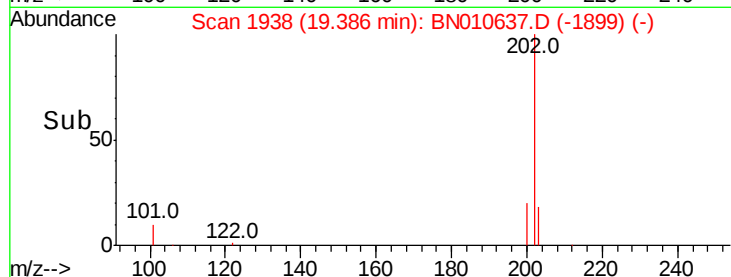
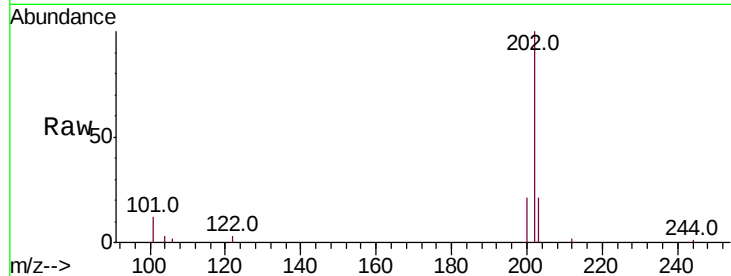
#28
Pvrene
Concen: 0.134 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	21.5	14.0	21.0

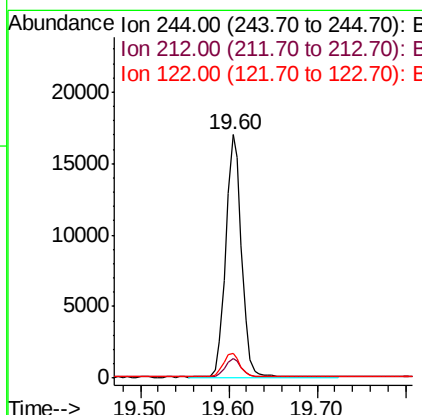
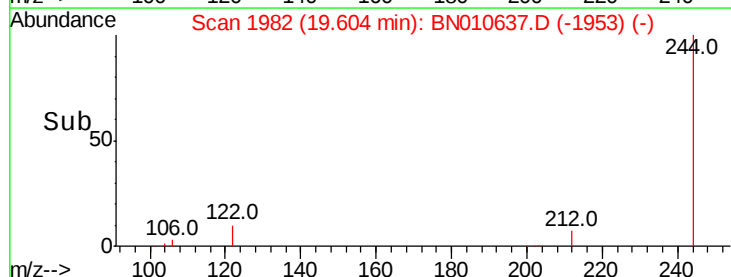
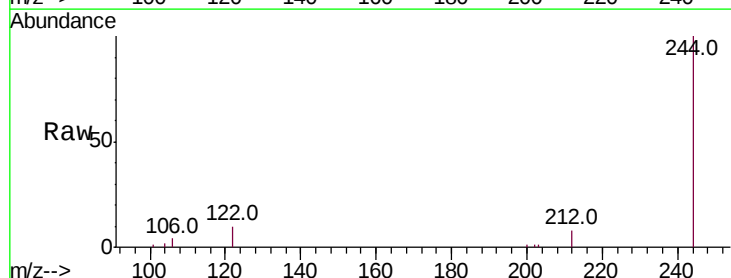
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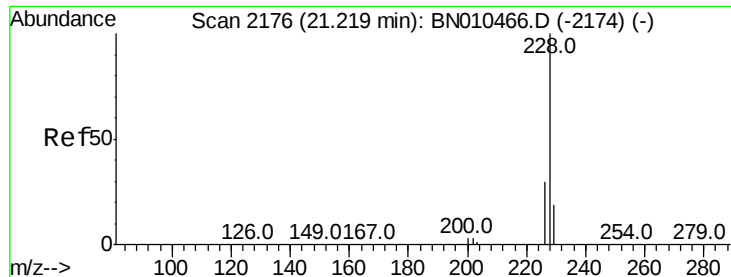
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#29
Terphenyl-d14
Concen: 0.527 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	10.3	7.8	11.8





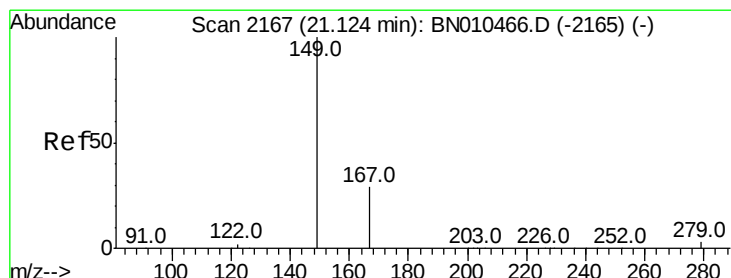
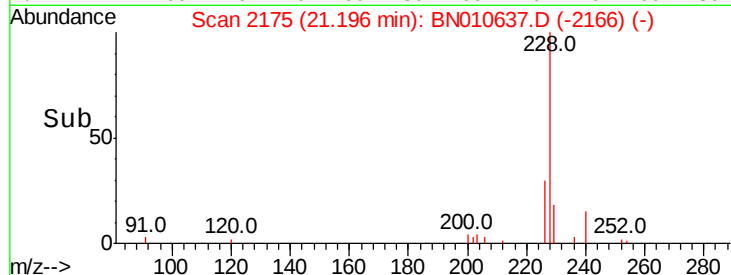
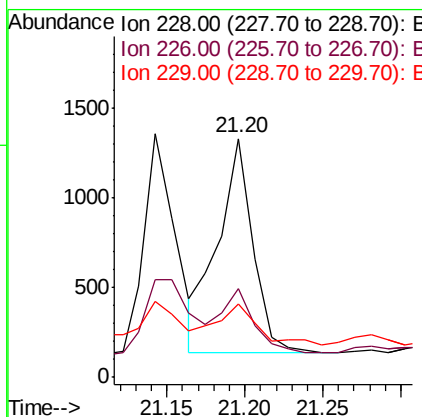
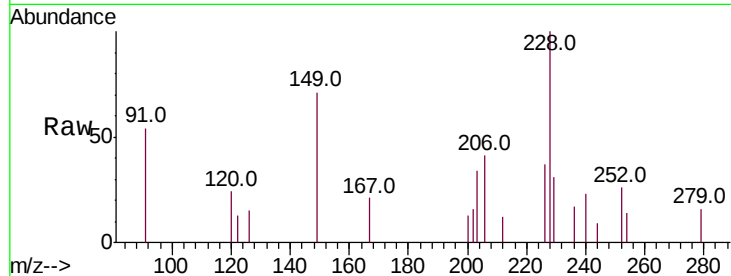
#31
 Chrysene
 Concen: 0.033 ng
 RT: 21.20 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: BN010637.D
 Acq: 28 Apr 2020 23:40

Instrument :
 BNA_N
 ClientSampleId :
 WB-3-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.1	24.0	36.0#
229	30.6	15.8	23.6#

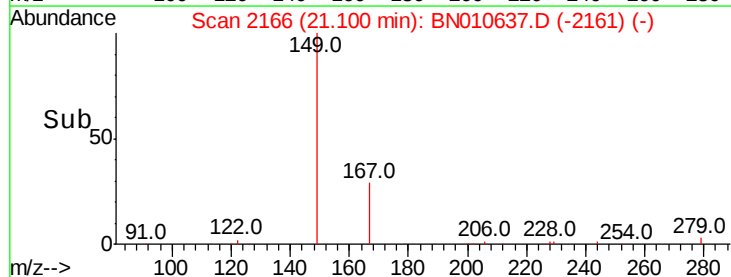
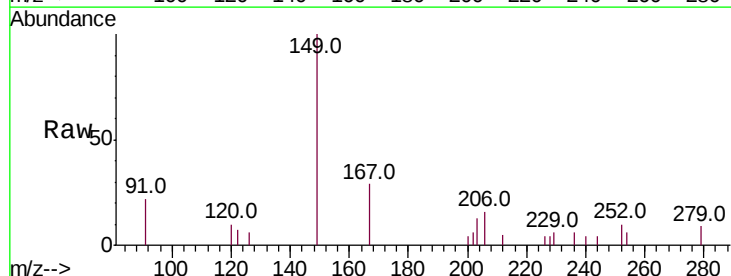
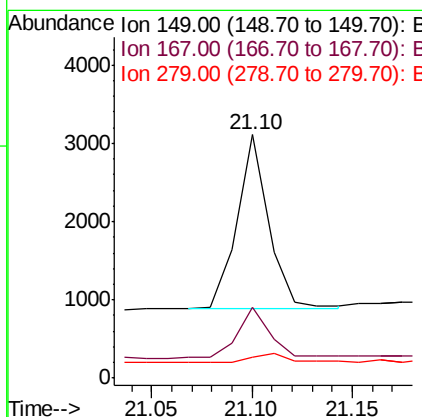
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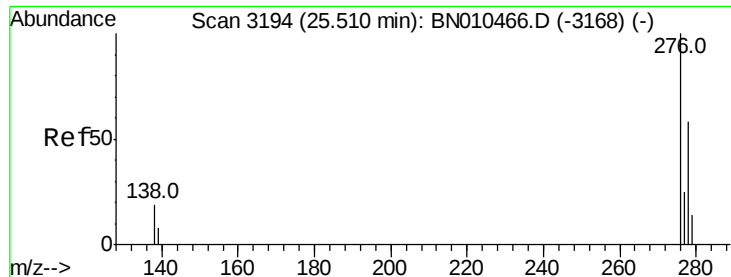
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN010637.D
 Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.4	35.0
279	4.9	4.0	6.0





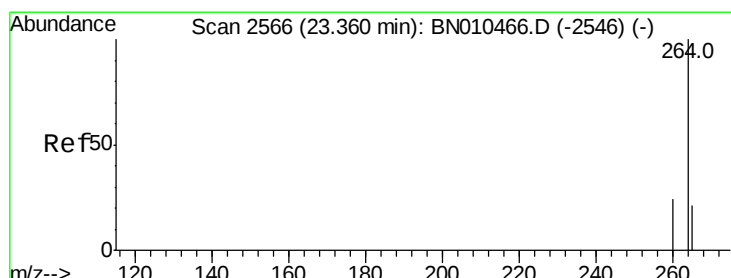
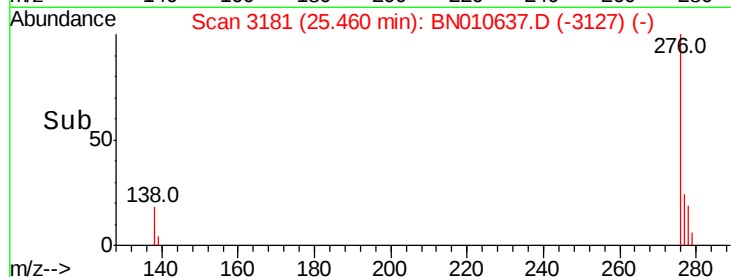
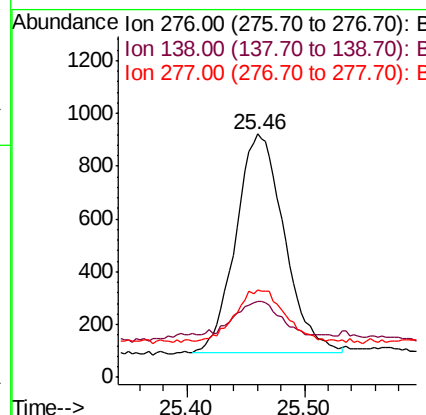
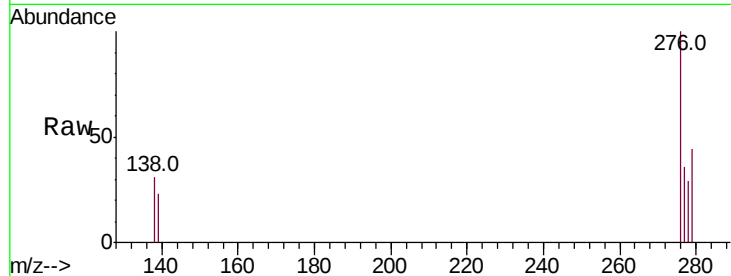
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng
RT: 25.46 min Scan# 3181
Delta R.T. -0.02 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.4	24.6
277	24.2	19.8	29.6

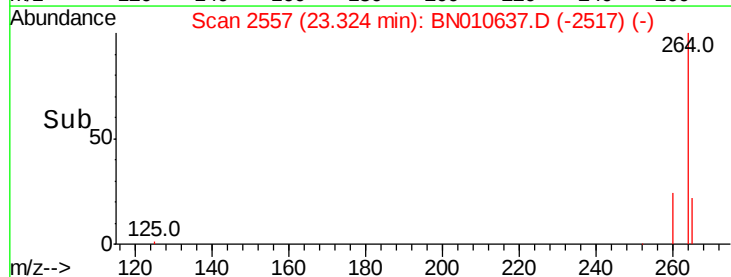
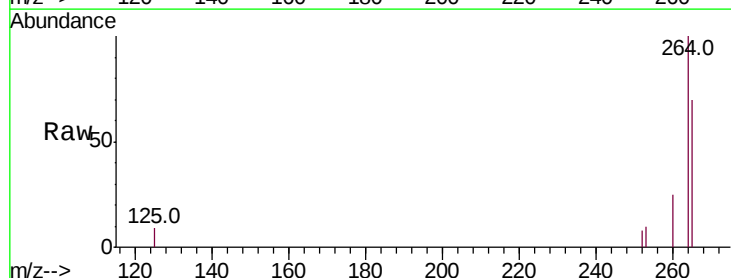
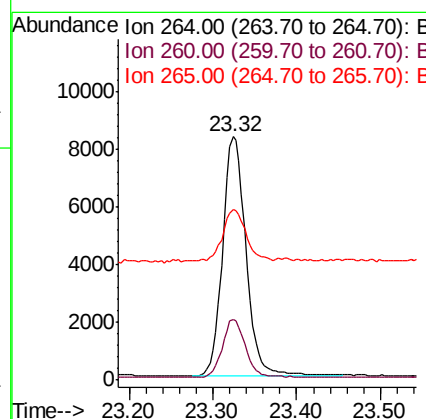
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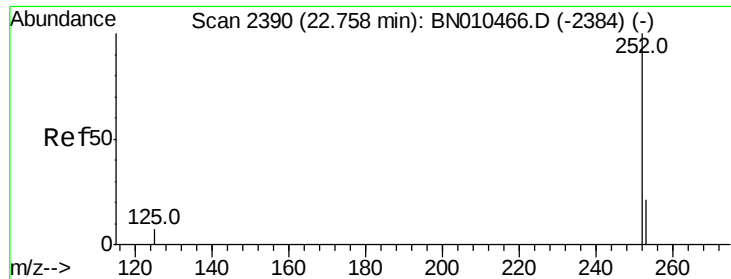
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	70.2	42.3	63.5#





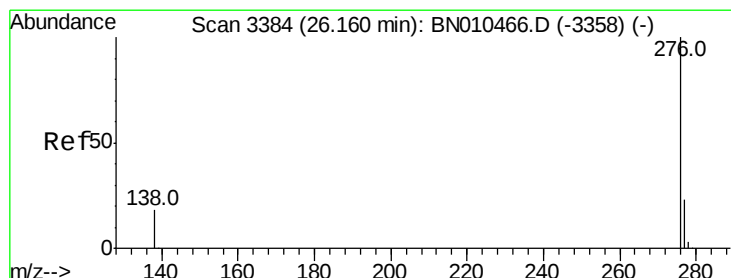
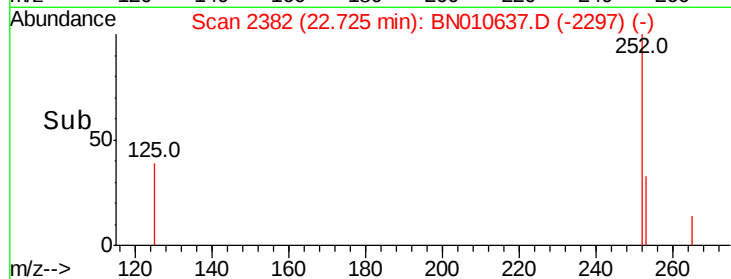
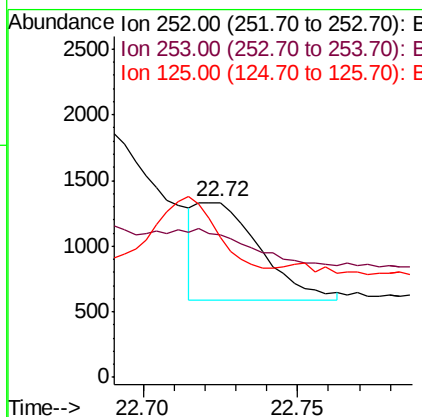
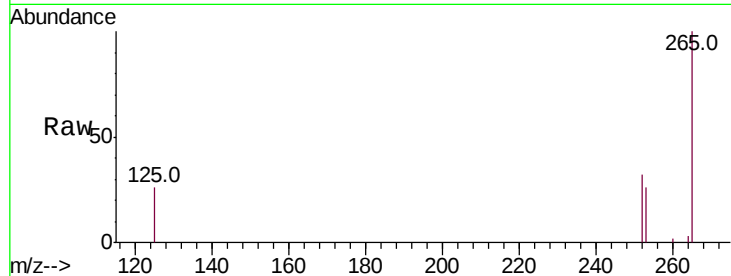
#36
Benzo(k)fluoranthene
Concen: 0.020 ng m
RT: 22.72 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Instrument :
BNA_N
ClientSampleId :
WB-3-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	81.8	20.1	30.1#
125	80.0	9.6	14.4#

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#39
Benzo(g,h,i)perylene
Concen: 0.068 ng
RT: 26.10 min Scan# 3369
Delta R.T. -0.02 min
Lab File: BN010637.D
Acq: 28 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	34.6	20.2	30.2#
138	30.4	15.4	23.2#

