

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010634.D
 Acq On : 28 Apr 2020 21:51
 Operator : CG/JU
 Sample : L2423-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WB-1-1

Manual Integrations
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Quant Time: May 04 06:46:12 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	3637	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	14516	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	17952	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	23288	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21096	0.40	ng	0.00
34) Perylene-d12	23.33	264	18841	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	627	0.08	ng	0.00
5) Phenol-d6	6.78	99	532	0.05	ng	0.00
8) Nitrobenzene-d5	8.72	82	4615	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	8057	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1111	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	12719	0.19	ng	0.00
25) Fluoranthene-d10	18.99	212	23057	0.33	ng	0.00
29) Terphenyl-d14	19.60	244	20491	0.42	ng	0.00

Target Compounds					Qvalue	
9) Naphthalene	10.39	128	4507709	125.034	ng	100
12) 2-Methylnaphthalene	12.01	142	415348	16.039	ng	97
16) Acenaphthylene	13.92	152	200777	2.589	ng	# 95
17) Acenaphthene	14.27	154	164769	3.306	ng	97
18) Fluorene	15.26	166	376266	5.765	ng	99
22) Pentachlorophenol	16.62	266	2609	0.449	ng	97
23) Phenanthrene	17.00	178	890454	14.158	ng	99
24) Anthracene	17.09	178	141513	2.461	ng	# 83
26) Fluoranthene	19.02	202	163751	2.092	ng	99
28) Pvrene	19.39	202	115239	1.623	ng	96
30) Benzo(a)anthracene	21.14	228	11965	0.174	ng	# 81
31) Chrysene	21.20	228	10421	0.152	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.10	149	5882	0.167	ng	98
33) Indeno(1,2,3-cd)pyrene	25.45	276	1798	0.030	ng	94
36) Benzo(k)fluoranthene	22.72	252	2012m	0.032	ng	
39) Benzo(g,h,i)perylene	26.11	276	1698	0.034	ng	# 60

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

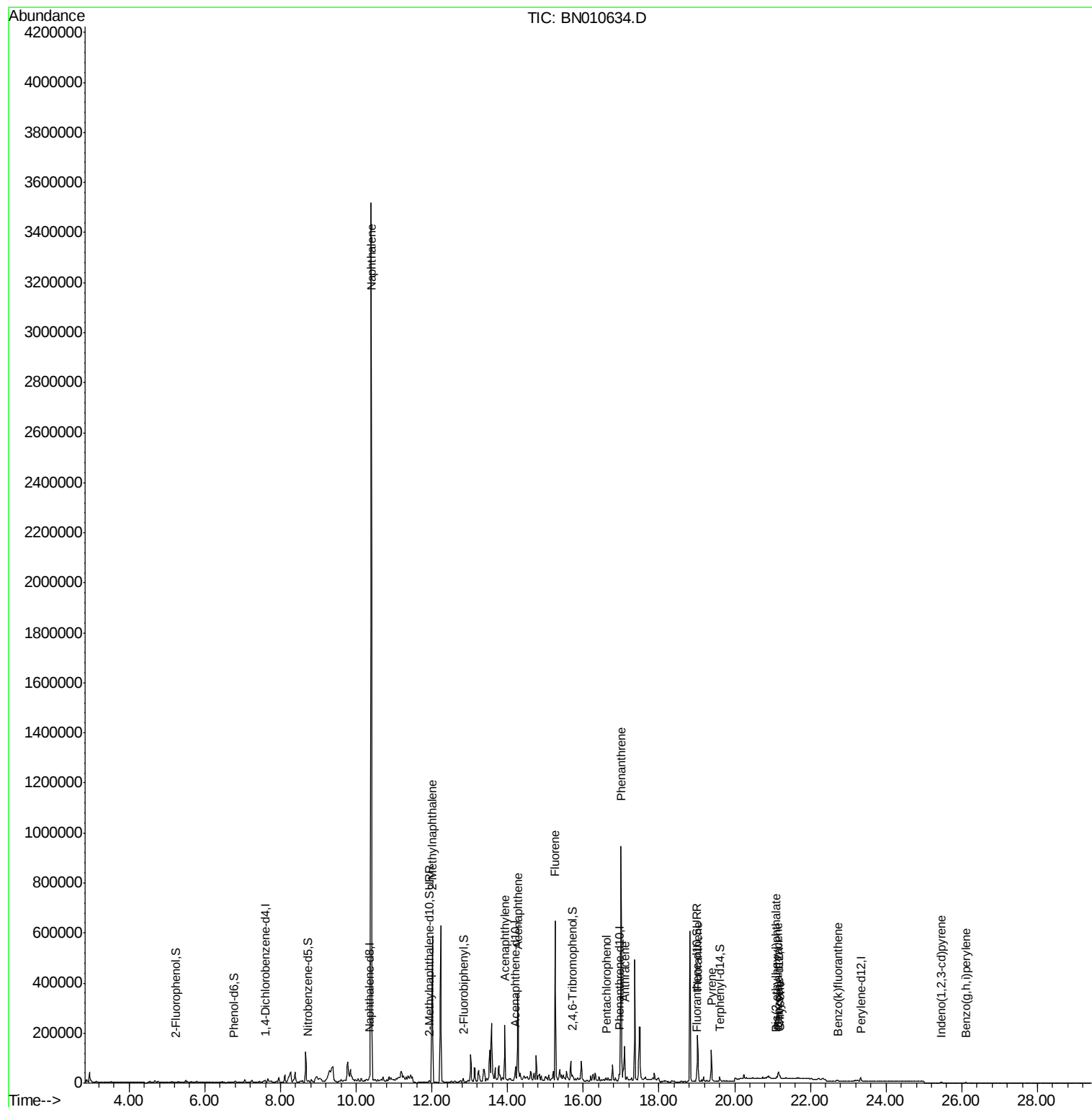
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010634.D
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#1

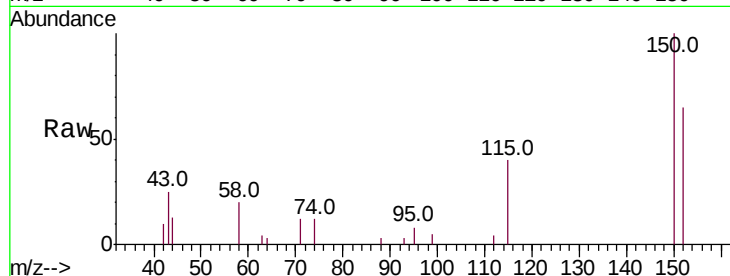
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampled :
WB-1-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.6
115	60.6	45.5	68.3

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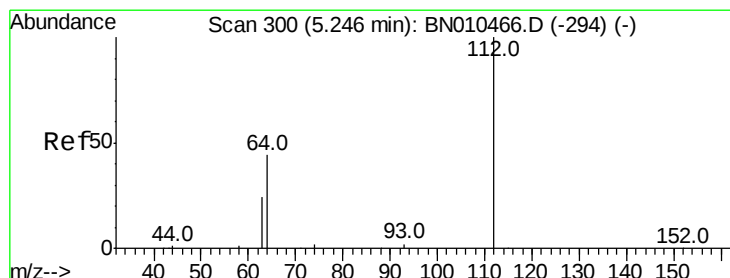
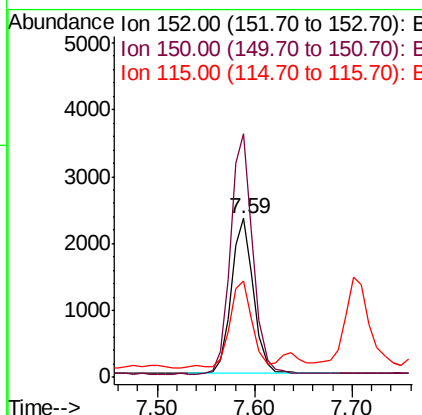
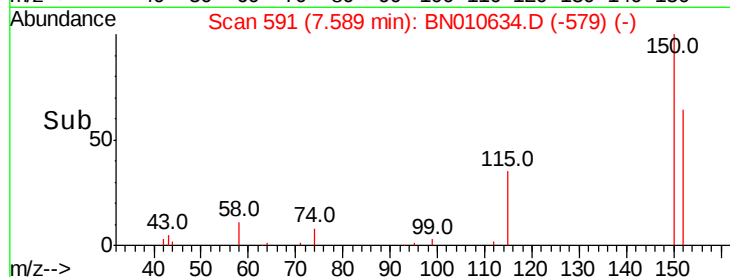


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

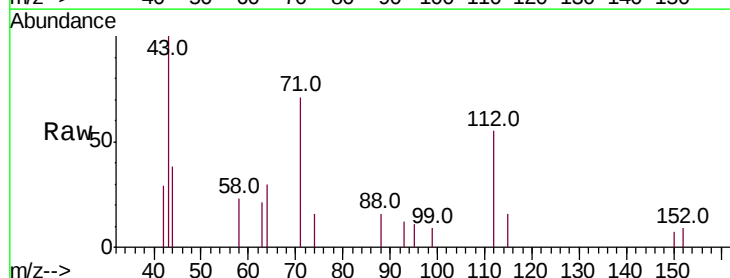
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.079 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	35.8	53.8
63	20.4	19.9	29.9

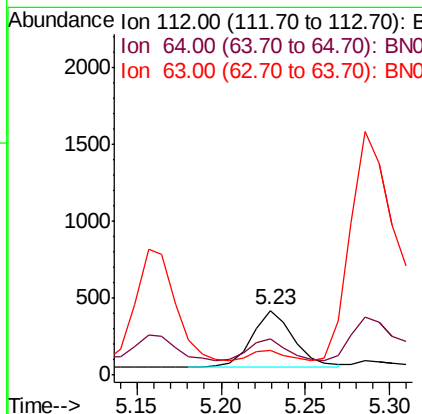
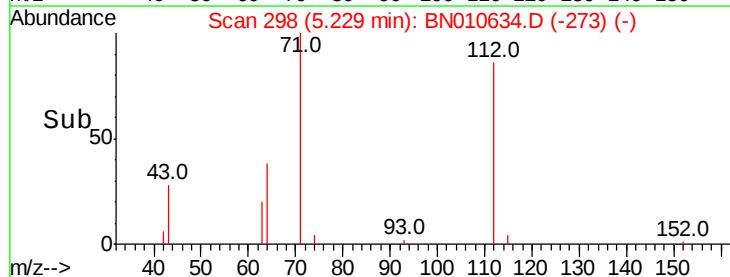


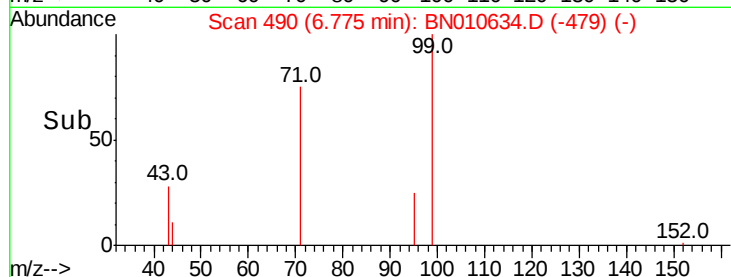
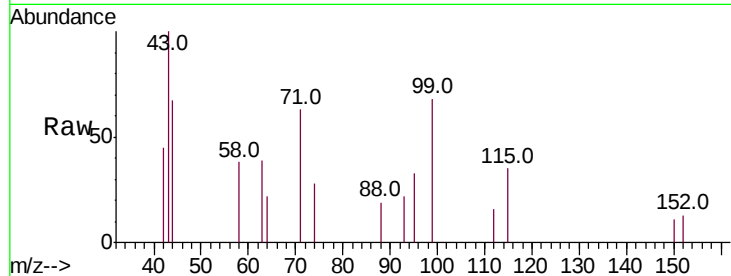
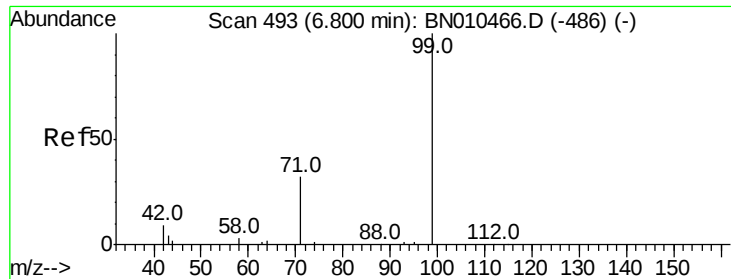
Abundance

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: 0.051 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN010634.D

Acq: 28 Apr 2020 21:51

Tot Ion:	99	Resp:	532
Ion Ratio	Lower	Upper	
99	100		
42	0.0	9.8	14.6#
71	103.2	27.8	41.8#

Instrument :

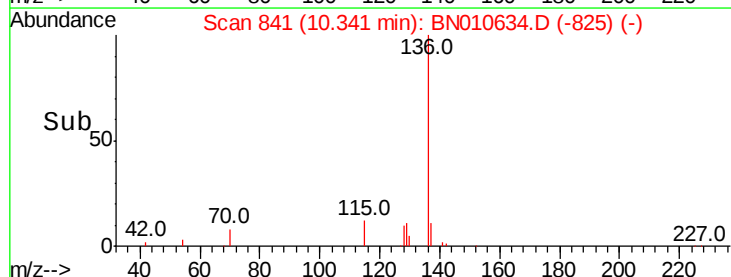
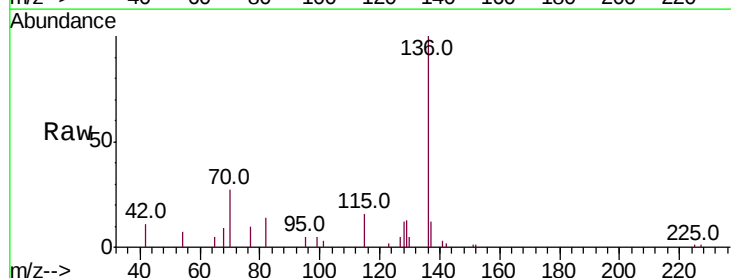
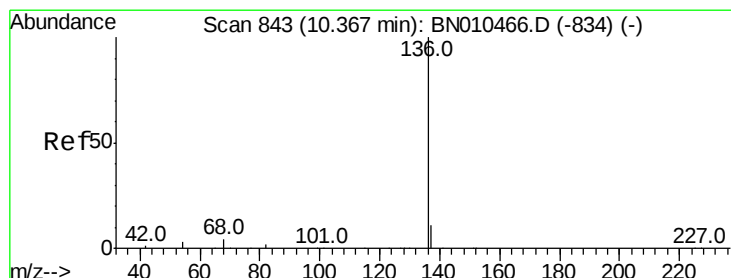
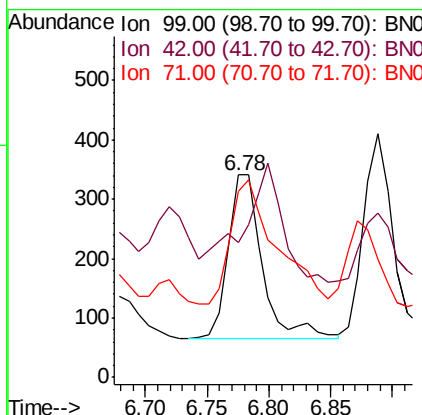
BNA_N

ClientSampled :

WB-1-1

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#7

Naphthalene-d8

Concen: 0.400 ng

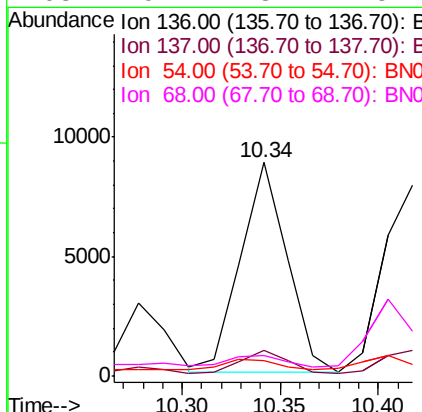
RT: 10.34 min Scan# 841

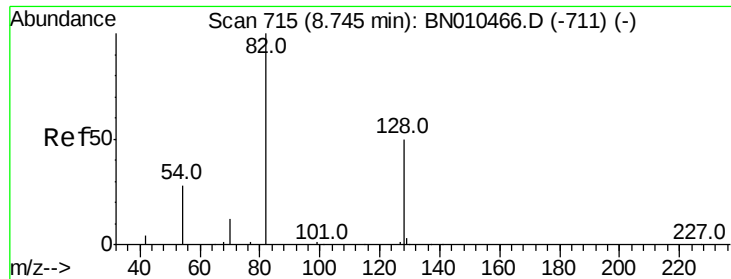
Delta R.T. -0.00 min

Lab File: BN010634.D

Acq: 28 Apr 2020 21:51

Tgt Ion:	136	Resp:	14516
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.9	13.3
54	7.4	2.6	4.0#
68	9.4	3.4	5.2#





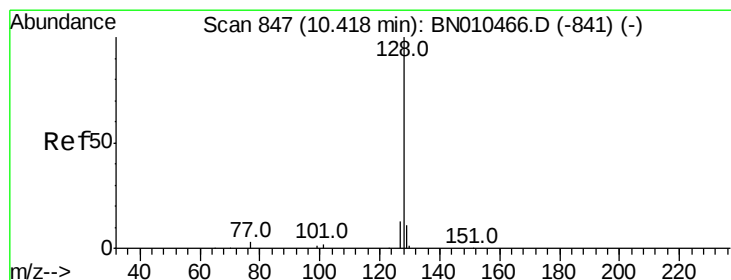
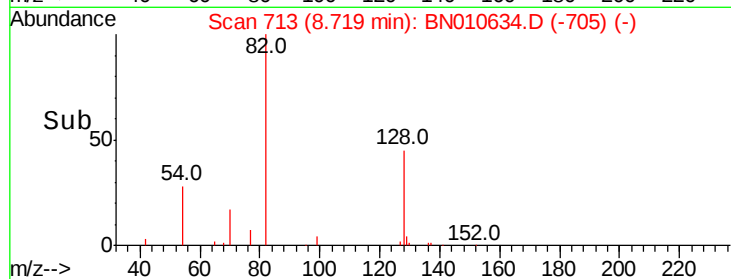
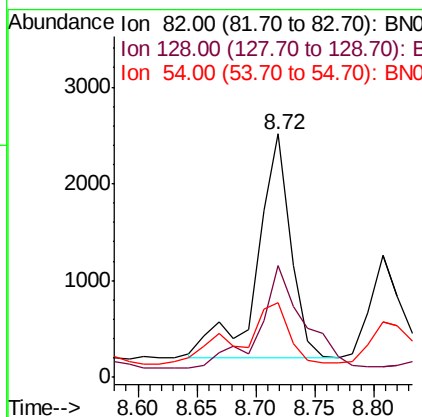
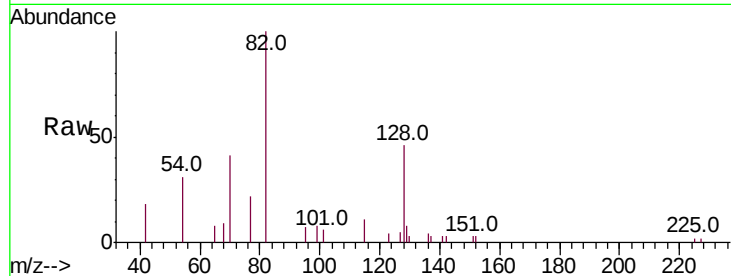
#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	41.3	61.9
54	30.9	23.4	35.0

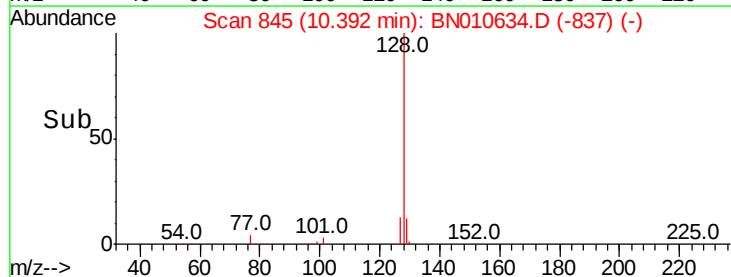
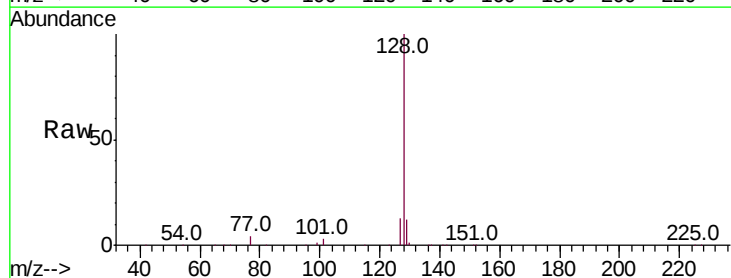
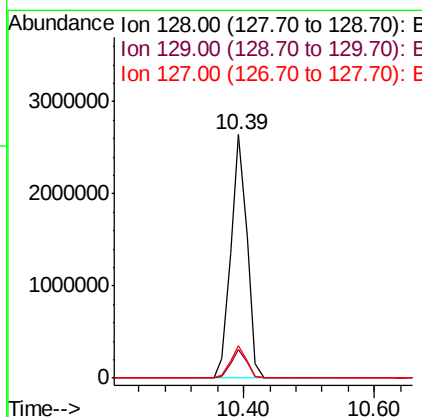
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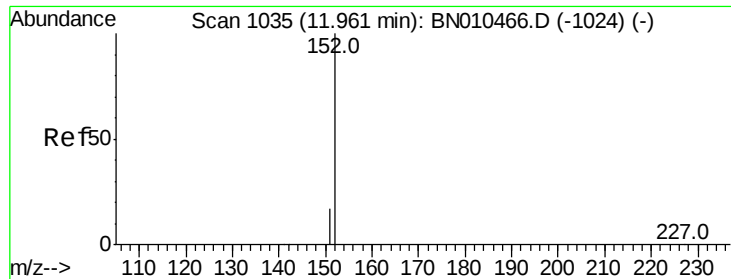
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#9
Naphthalene
Concen: 125.034 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.2	10.5	15.7





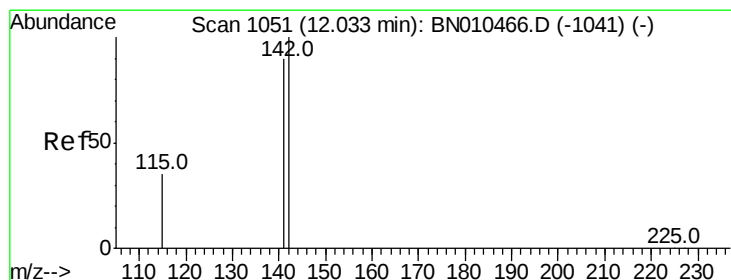
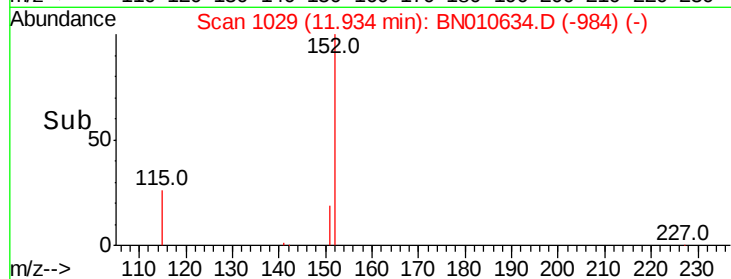
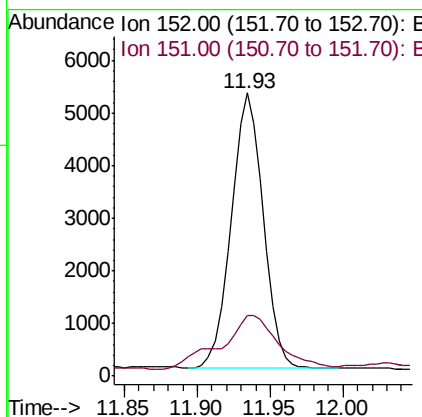
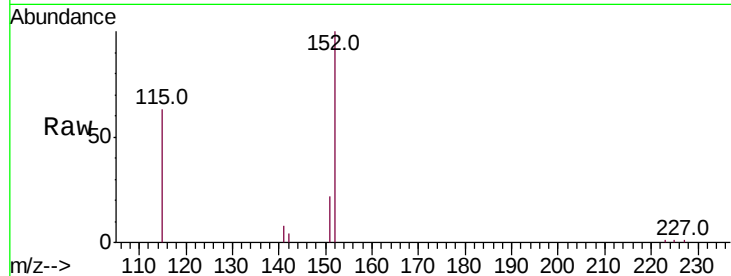
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampled :
WB-1-1

Tot Ion	Ratio	Lower	Upper
152	100		
151	35.7	15.3	22.9#

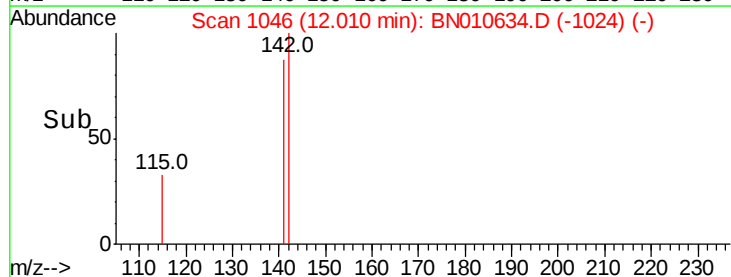
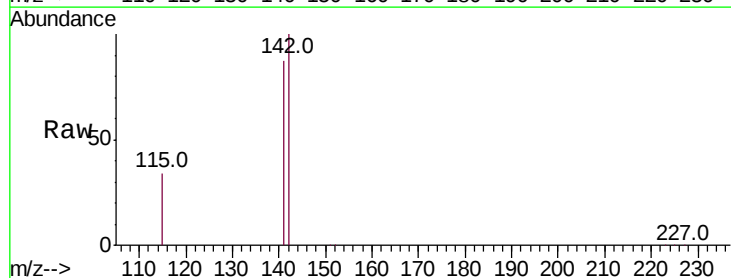
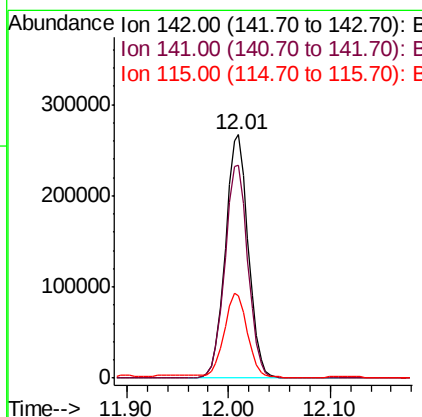
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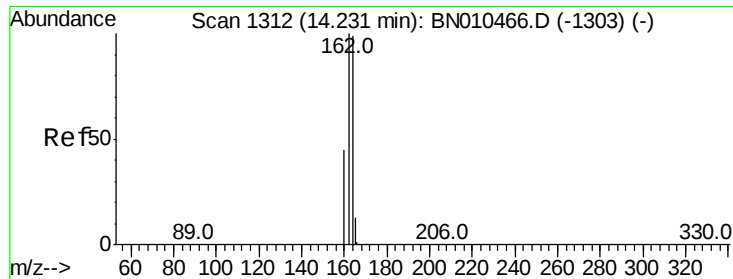
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#12
2-Methylnaphthalene
Concen: 16.039 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.9	107.9
115	34.0	28.8	43.2





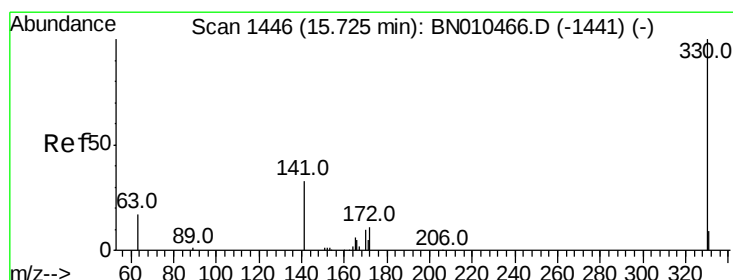
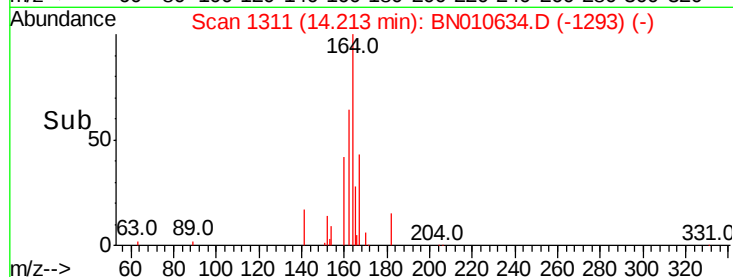
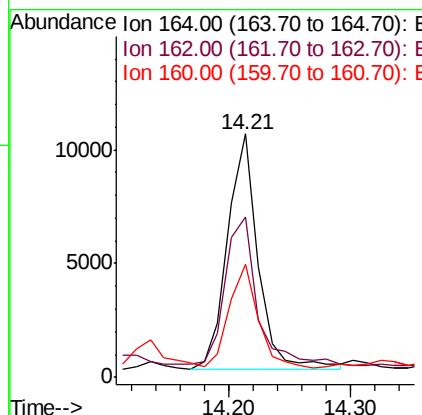
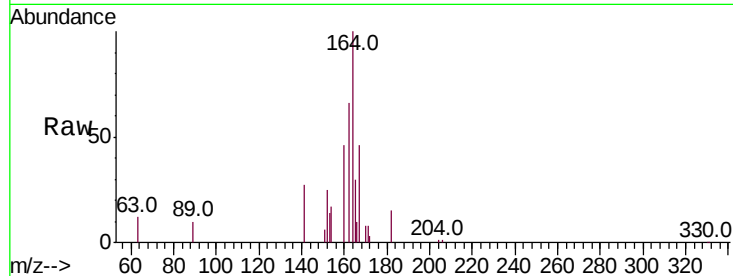
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	65.8	80.6	121.0#
160	46.4	36.5	54.7

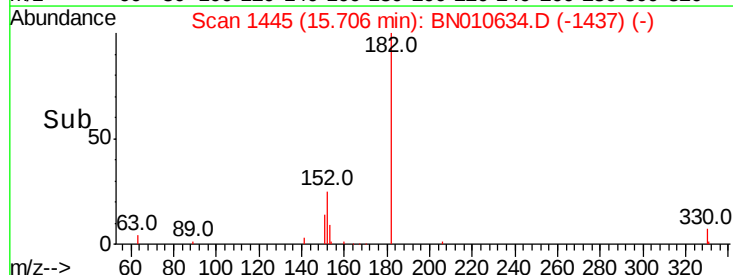
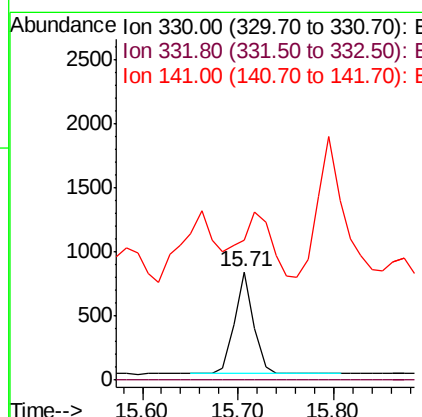
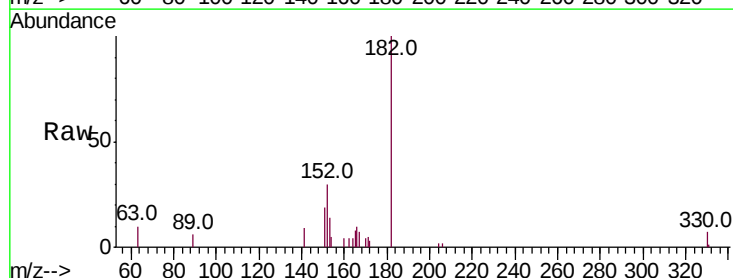
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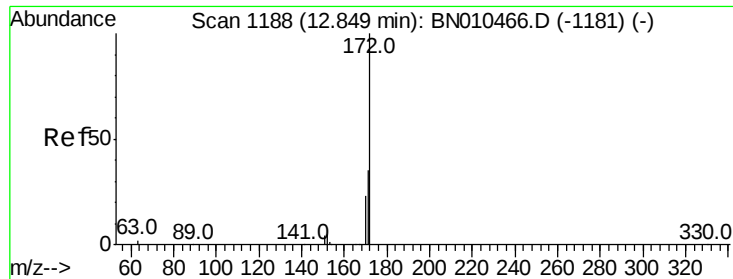
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#14
2,4,6-Tribromophenol
Concen: 0.131 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	99.6	28.1	42.1#





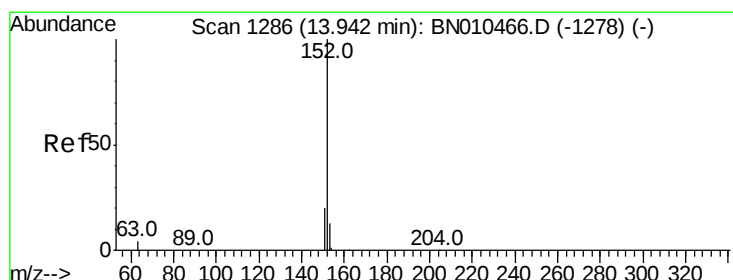
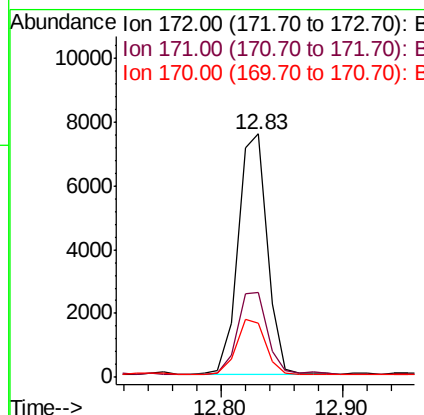
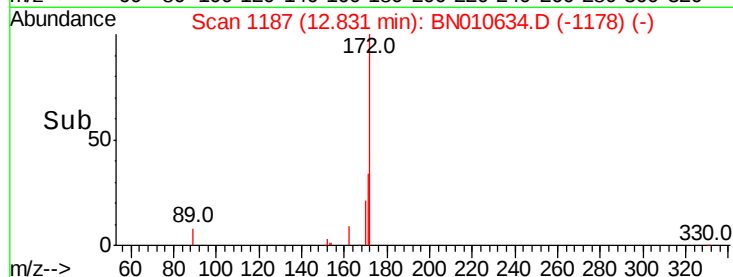
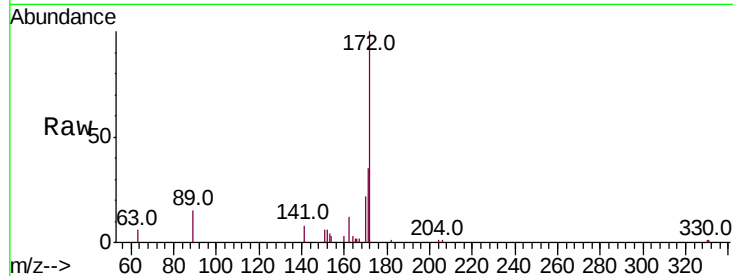
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampled :
WB-1-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.4	18.4	27.6

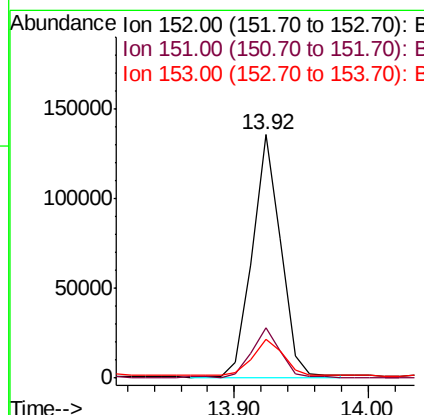
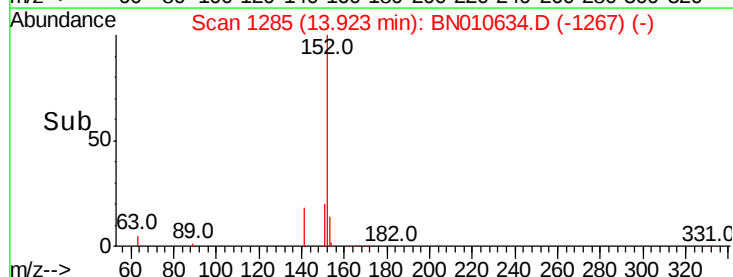
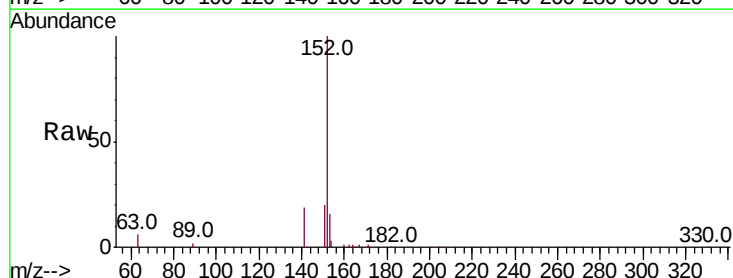
Manual Integrations
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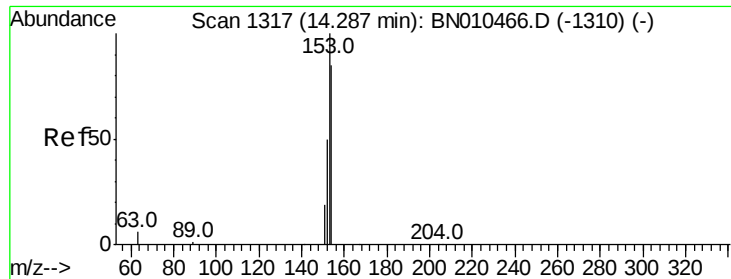
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#16
Acenaphthylene
Concen: 2.589 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	17.1	10.6	15.8#





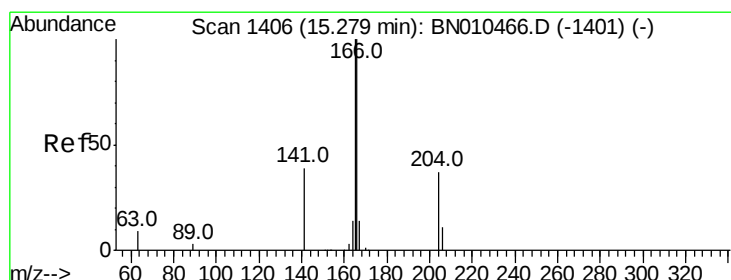
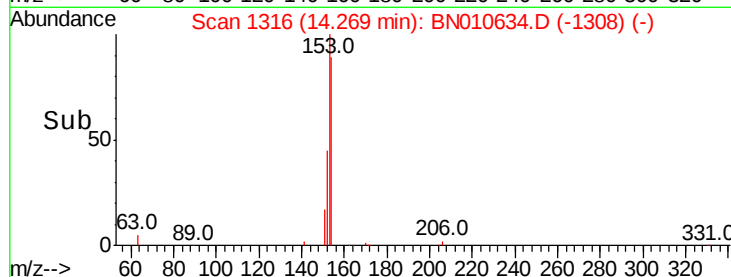
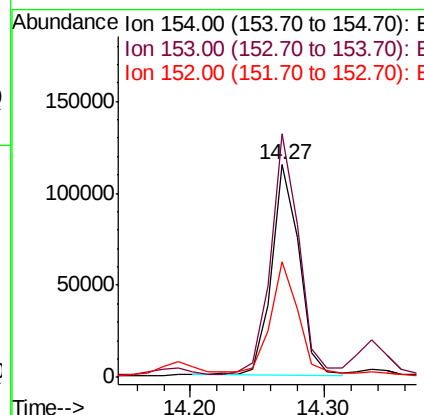
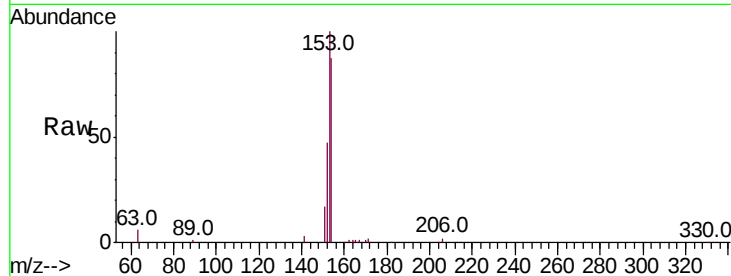
#17
Acenaphthene
Concen: 3.306 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.0	136.4
152	51.9	44.6	67.0

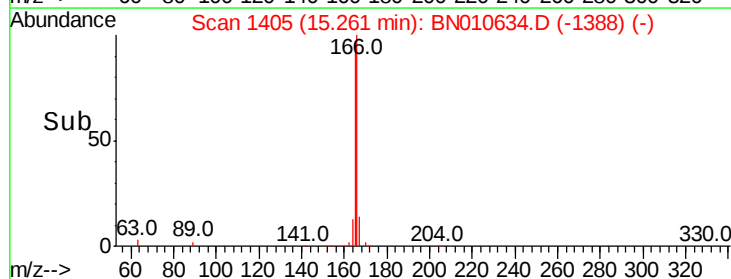
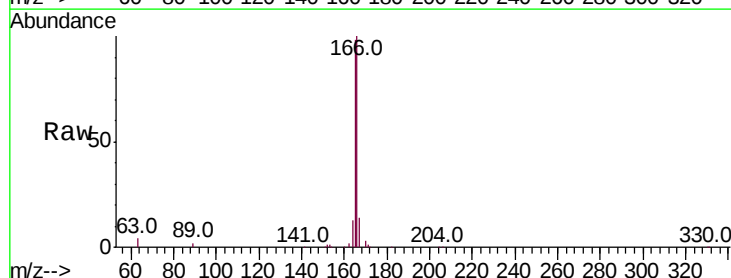
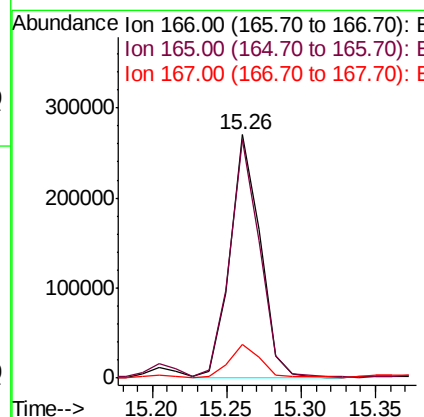
Manual Integrations
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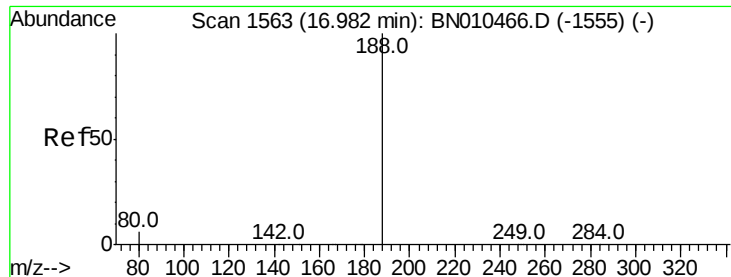
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#18
Fluorene
Concen: 5.765 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	14.3	10.9	16.3





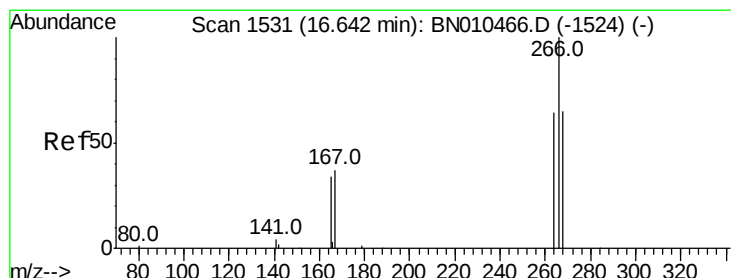
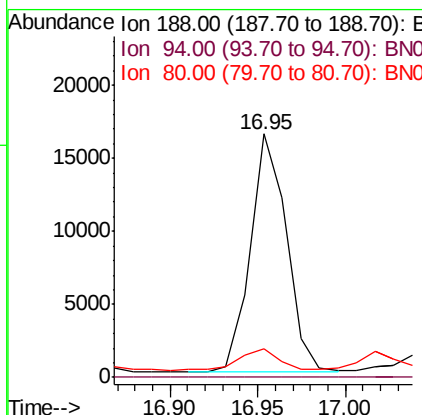
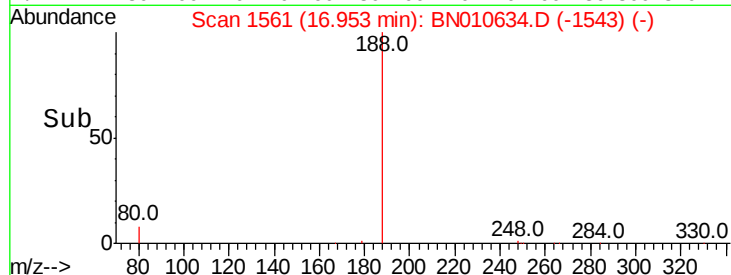
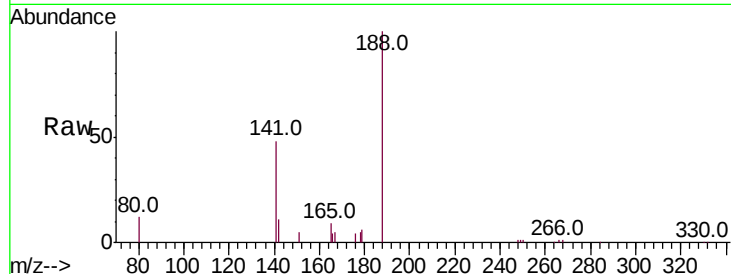
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	23288		
94	0.0	0.0	0.0	0.0
80	11.6	5.0	7.6	

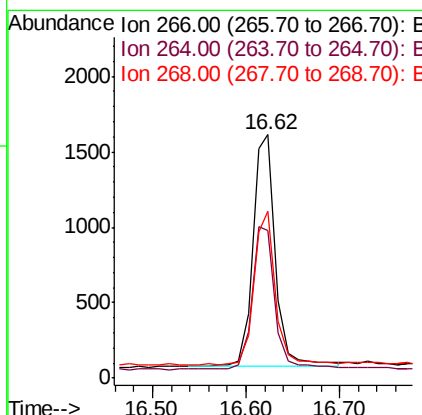
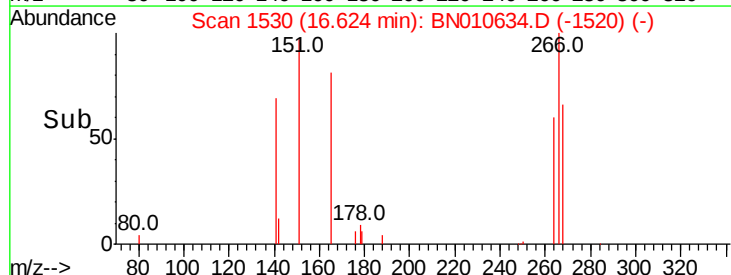
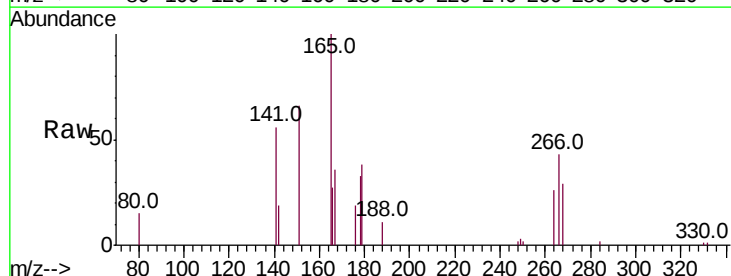
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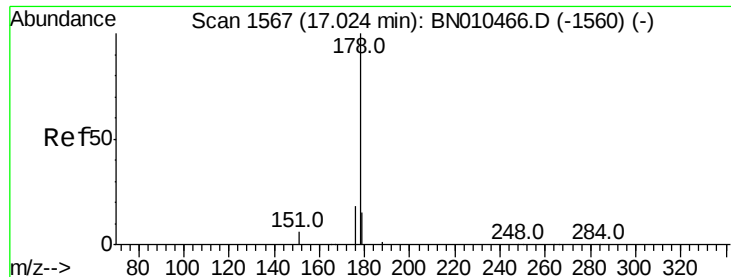
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#22
Pentachlorophenol
Concen: 0.449 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	2609		
264	60.9	51.8	77.6	
268	68.6	53.7	80.5	





#23

Phenanthrene

Concen: 14.158 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN010634.D

Acq: 28 Apr 2020 21:51

Instrument :

BNA_N

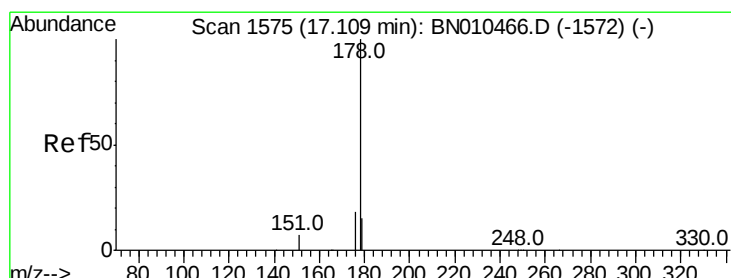
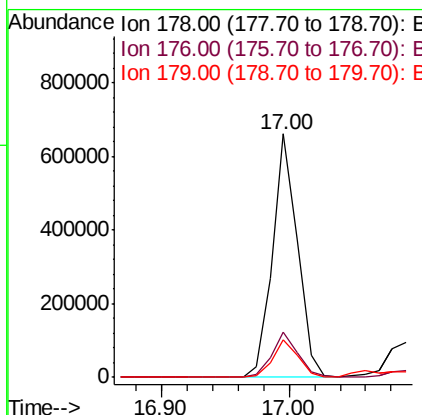
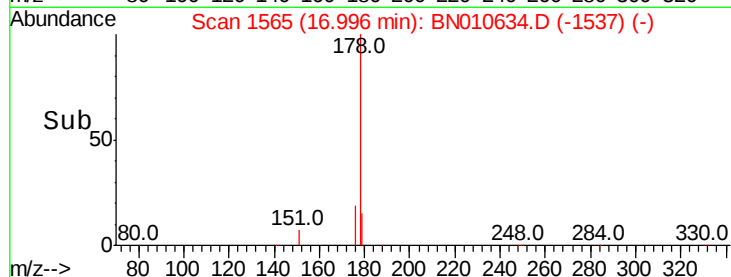
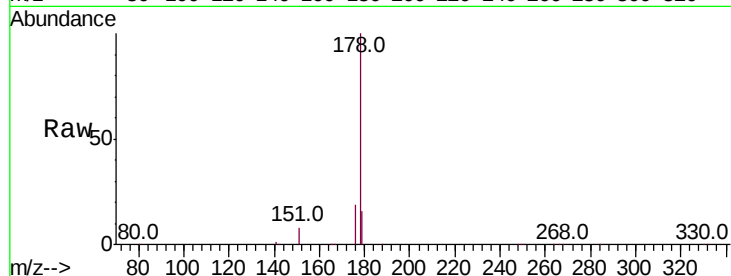
ClientSampleId :

WB-1-1

Tot Ion:	178	Resp:	890454
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.0	22.4
179	15.6	12.6	18.8

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#24

Anthracene

Concen: 2.461 ng

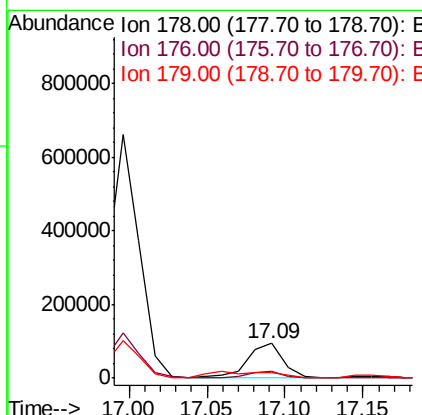
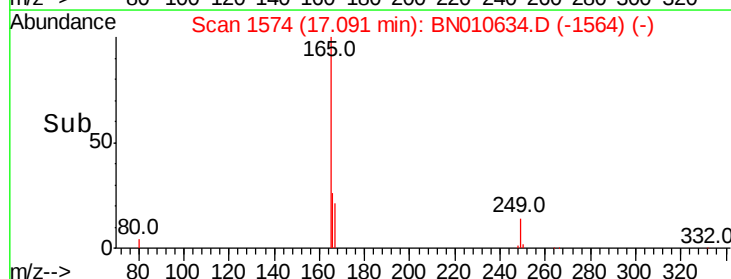
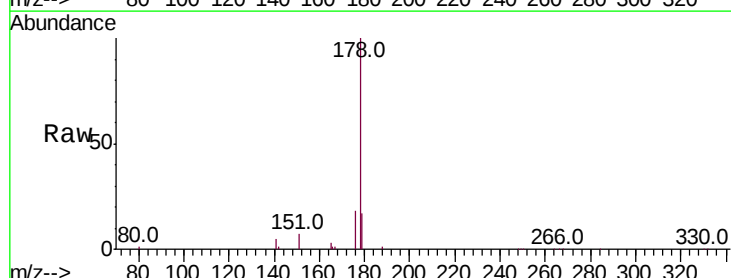
RT: 17.09 min Scan# 1574

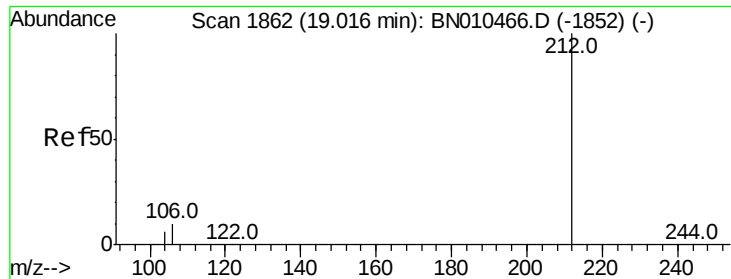
Delta R.T. 0.00 min

Lab File: BN010634.D

Acq: 28 Apr 2020 21:51

Tgt Ion:	178	Resp:	141513
Ion Ratio	Lower	Upper	
178	100		
176	17.6	14.6	21.8
179	0.0	12.2	18.2#





#25

Fluoranthene-d10

Concen: 0.327 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BN010634.D

Acq: 28 Apr 2020 21:51

Instrument :

BNA_N

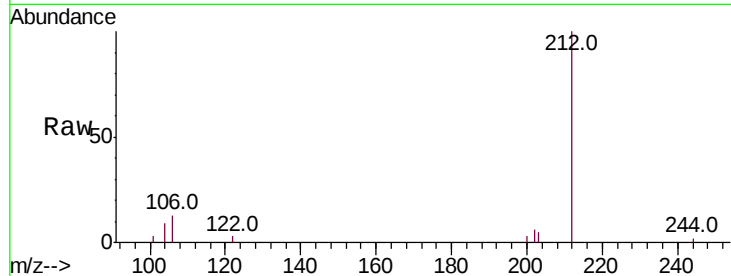
ClientSampled :

WB-1-1

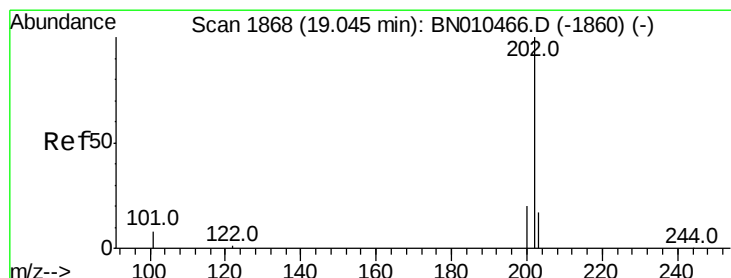
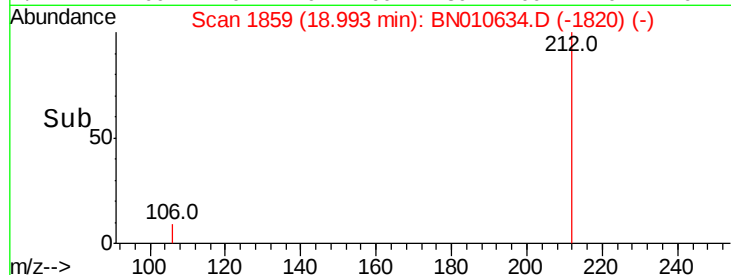
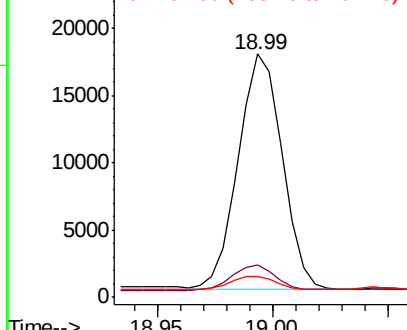
Tot Ion:	212	Resp:	23057
Ion Ratio	Lower	Upper	
212	100		
106	10.9	7.8	11.6
104	6.1	4.5	6.7

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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



#26

Fluoranthene

Concen: 2.092 ng

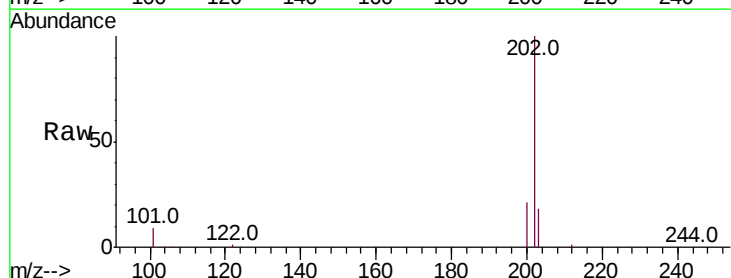
RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

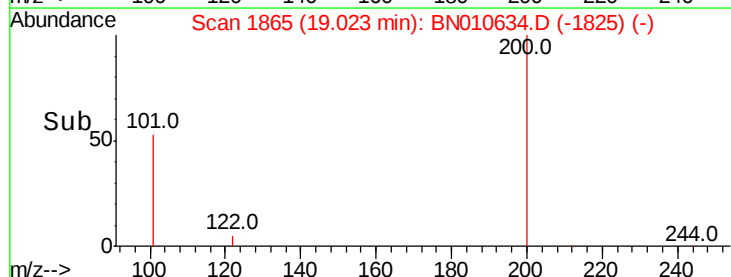
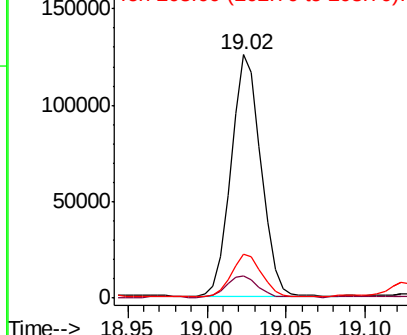
Lab File: BN010634.D

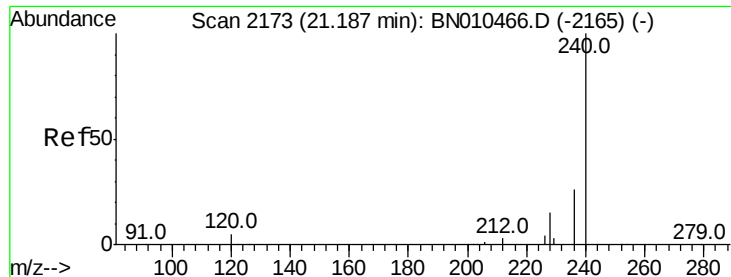
Acq: 28 Apr 2020 21:51

Tgt Ion:	202	Resp:	163751
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.9	10.3
203	17.6	13.9	20.9



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010634.D

Acq: 28 Apr 2020 21:51

Instrument :

BNA_N

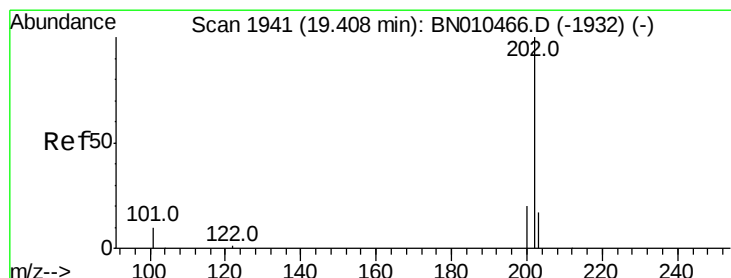
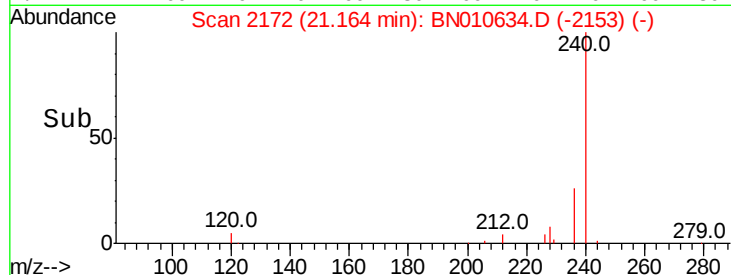
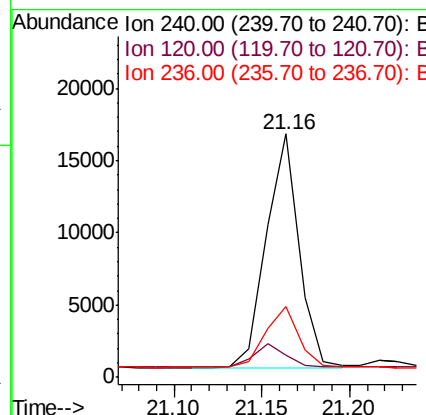
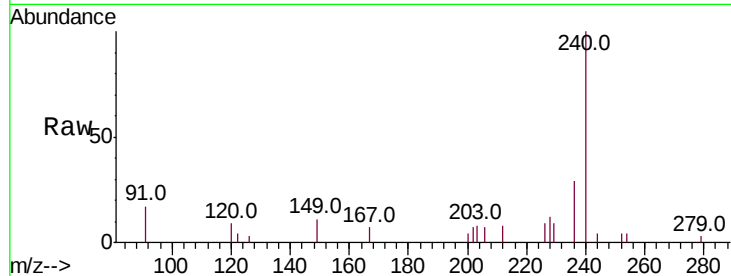
ClientSampleId :

WB-1-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.8	7.2#
236	29.0	21.4	32.0

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#28

Pyrene

Concen: 1.623 ng

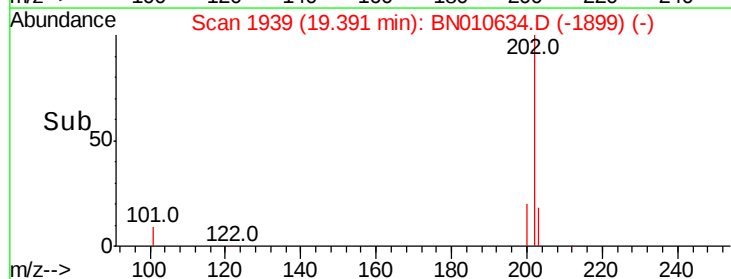
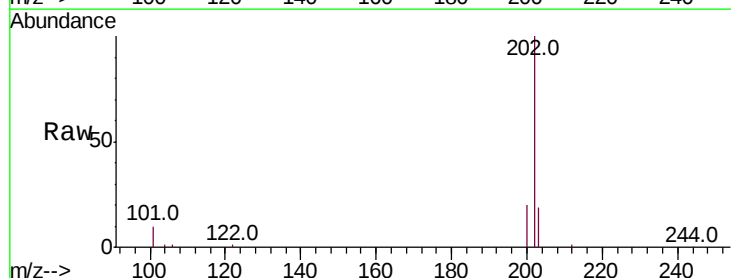
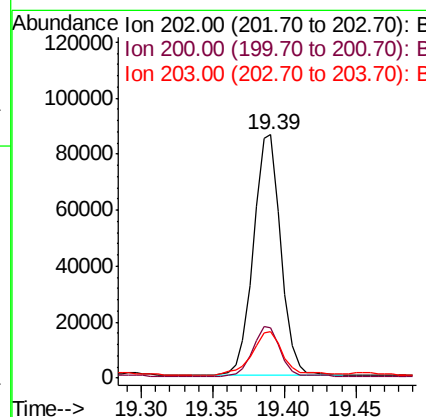
RT: 19.39 min Scan# 1939

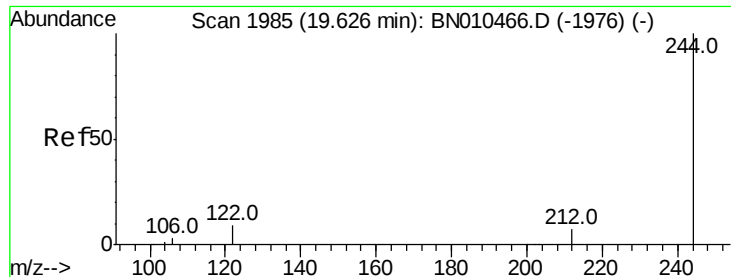
Delta R.T. -0.00 min

Lab File: BN010634.D

Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	20.8	14.0	21.0





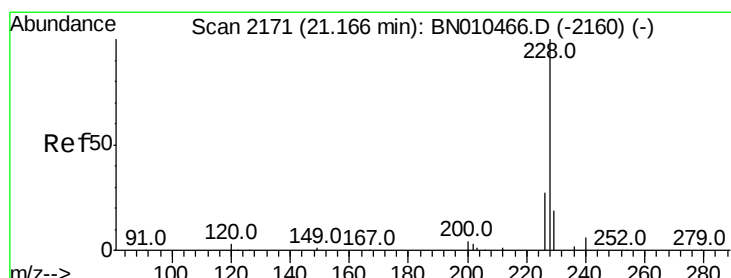
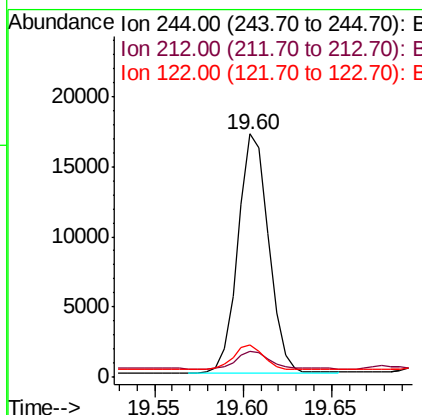
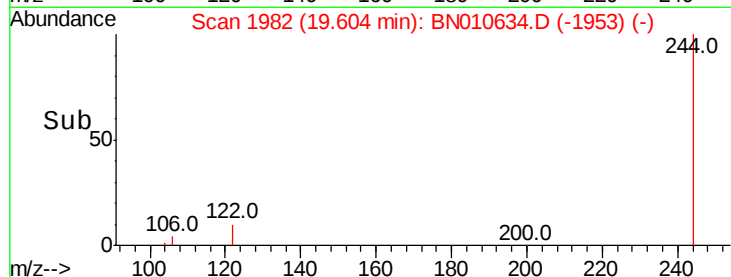
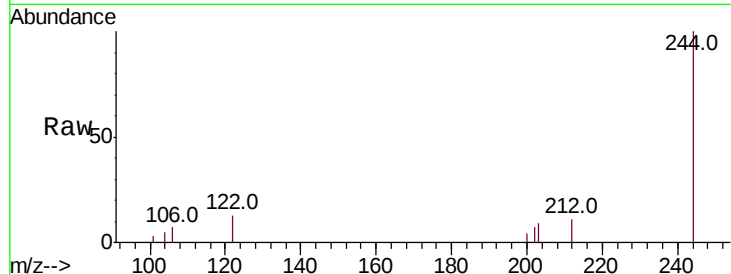
#29
 Terphenyl-d14
 Concen: 0.424 ng
 RT: 19.60 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BN010634.D
 Acq: 28 Apr 2020 21:51

Instrument :
 BNA_N
 ClientSampleId :
 WB-1-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.2	9.4#
122	13.3	7.8	11.8#

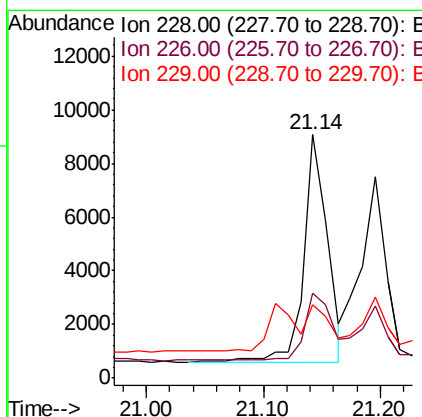
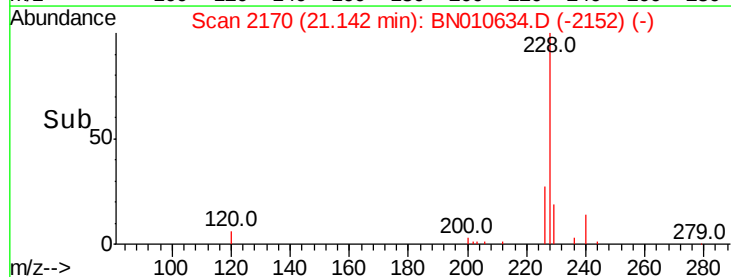
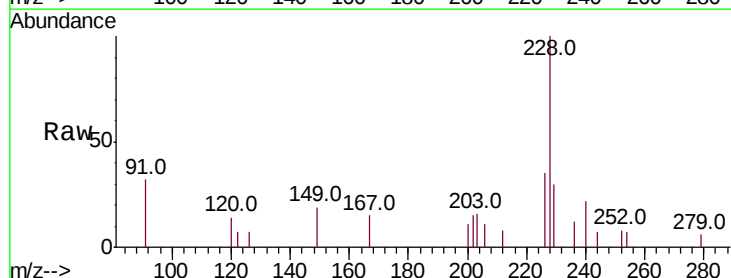
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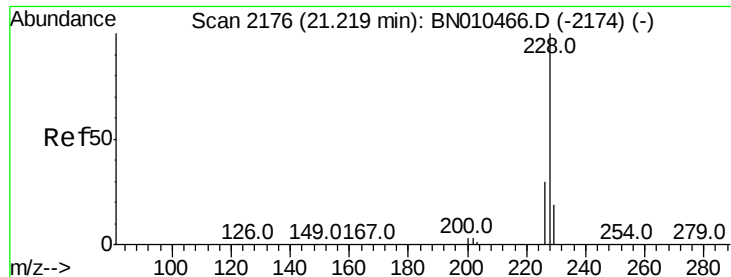
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#30
 Benzo(a)anthracene
 Concen: 0.174 ng
 RT: 21.14 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN010634.D
 Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	21.7	32.5#
229	30.2	15.6	23.4#





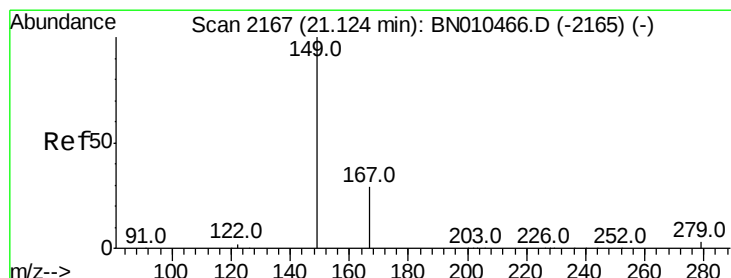
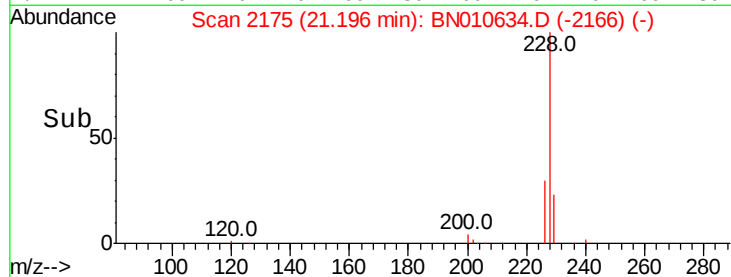
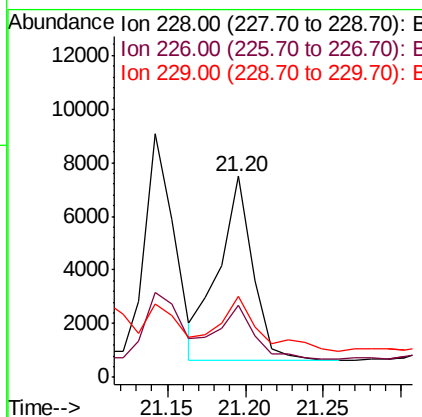
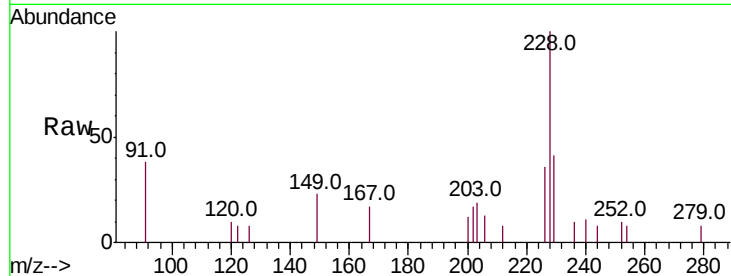
#31
 Chrysene
 Concen: 0.152 ng
 RT: 21.20 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: BN010634.D
 Acq: 28 Apr 2020 21:51

Instrument :
 BNA_N
 ClientSampleId :
 WB-1-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.0	36.0
229	40.6	15.8	23.6

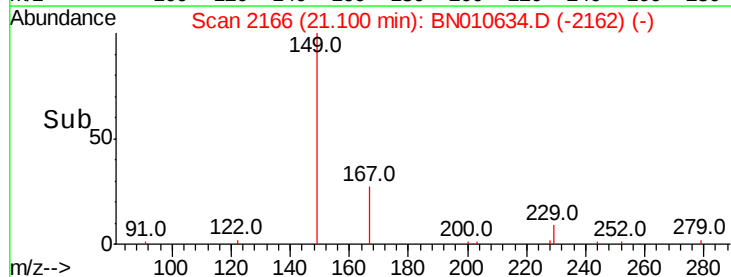
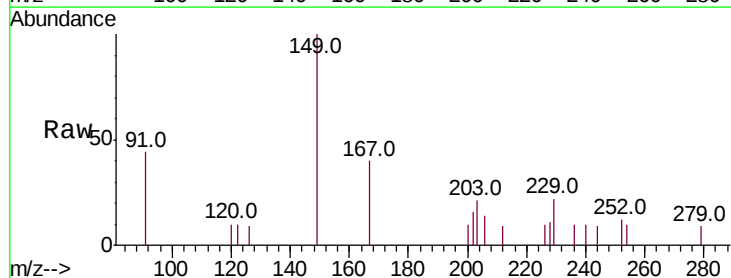
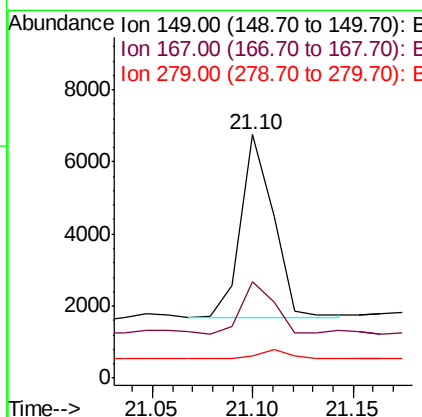
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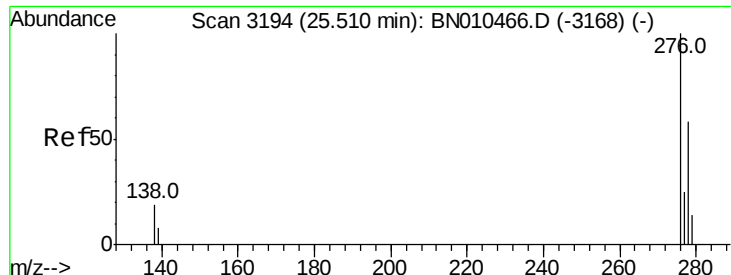
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.167 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN010634.D
 Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.4	35.0
279	4.1	4.0	6.0





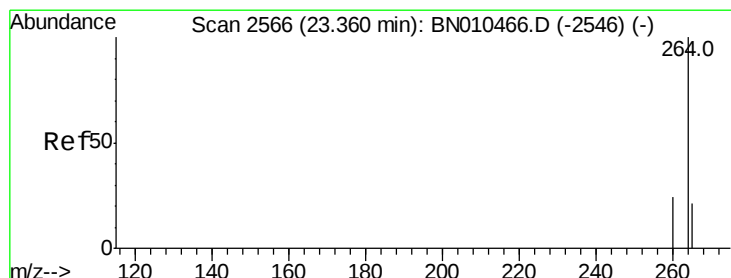
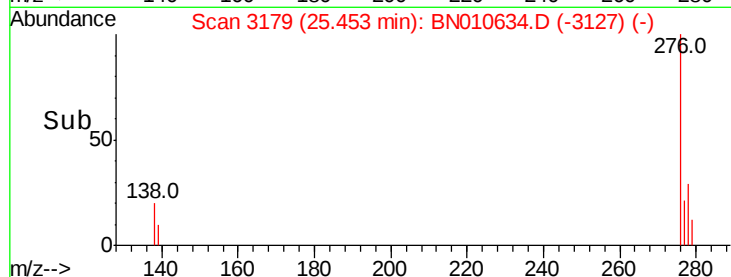
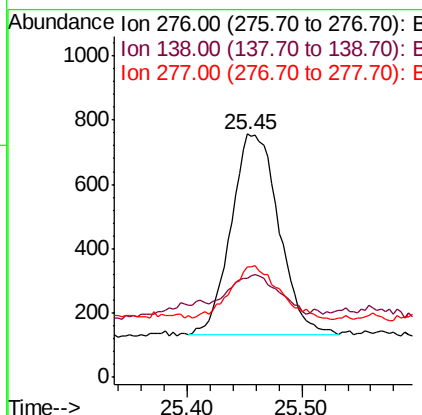
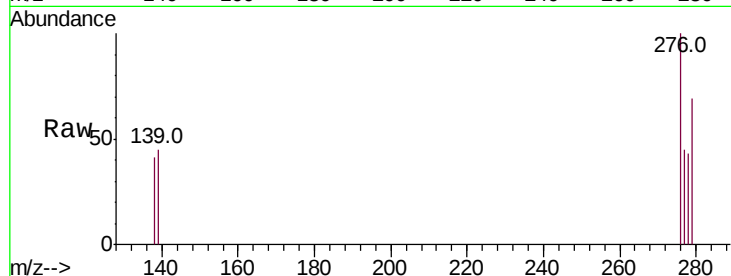
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampled :
WB-1-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	16.4	24.6
277	27.5	19.8	29.6

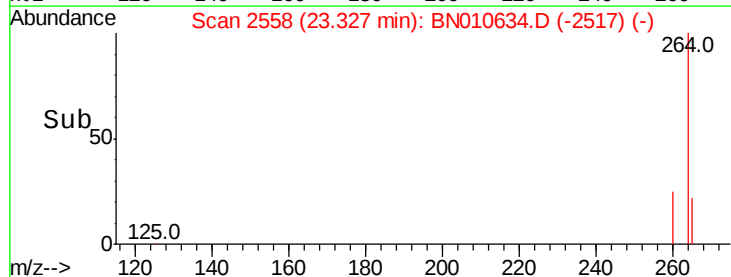
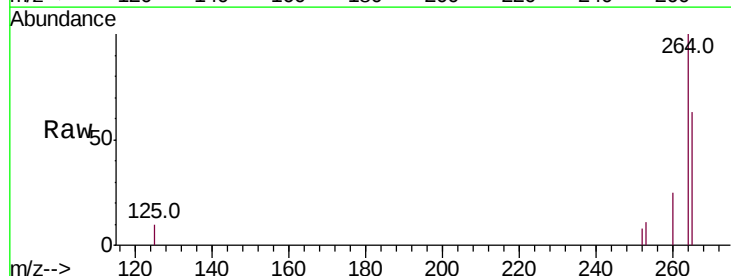
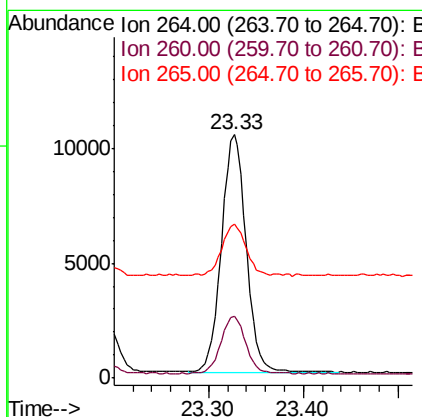
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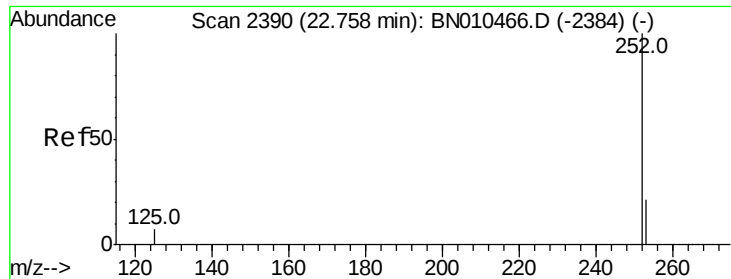
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.8
265	63.5	42.3	63.5





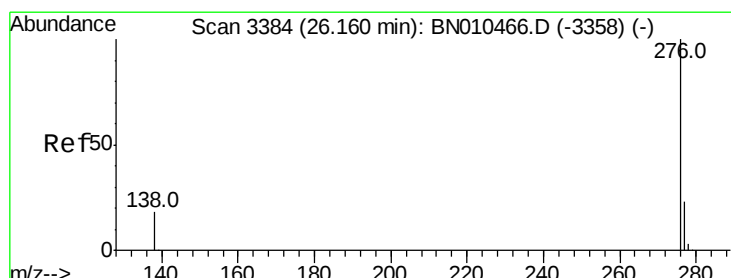
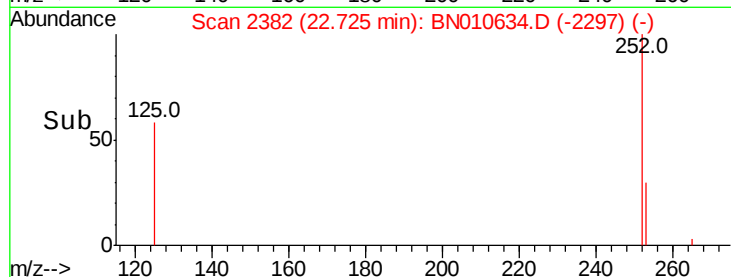
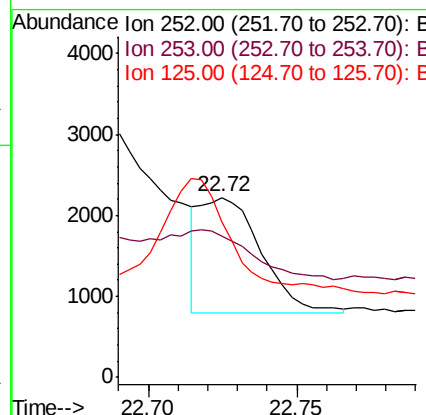
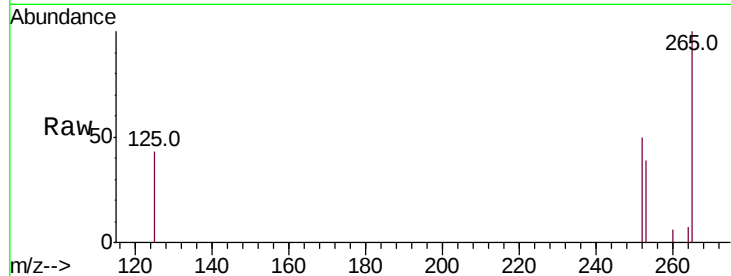
#36
Benzo(k)fluoranthene
Concen: 0.032 ng m
RT: 22.72 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	78.9	20.1	30.1#
125	86.6	9.6	14.4#

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#39
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.11 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	43.7	20.2	30.2#
138	39.2	15.4	23.2#

