

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032720\
 Data File : BN010352.D
 Acq On : 27 Mar 2020 15:21
 Operator : CG/JU
 Sample : PB127802BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127802BSD

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:16:40 AM

Quant Time: Mar 27 17:21:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	5856	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	19948	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	10672	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	24111	0.40	ng	0.00
27) Chrysene-d12	21.19	240	21377	0.40	ng	0.00
34) Perylene-d12	23.35	264	21148	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3883	0.34	ng	0.00
5) Phenol-d6	6.80	99	4550	0.32	ng	0.00
8) Nitrobenzene-d5	8.74	82	6834	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	13502m	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1114	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	23160	0.57	ng	-0.01
25) Fluoranthene-d10	19.02	212	17474	0.24	ng	0.00
29) Terphenyl-d14	19.63	244	21952	0.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1403	0.255	ng	# 85
3) n-Nitrosodimethylamine	3.55	42	1151	0.248	ng	# 38
6) bis(2-Chloroethyl)ether	7.05	93	5271	0.381	ng	90
9) Naphthalene	10.42	128	18219	0.366	ng	99
10) Hexachlorobutadiene	10.72	225	4253	0.353	ng	# 99
12) 2-Methylnaphthalene	12.04	142	12242	0.355	ng	100
16) Acenaphthylene	13.95	152	14679	0.351	ng	99
17) Acenaphthene	14.30	154	10490	0.352	ng	97
18) Fluorene	15.28	166	13807	0.348	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4713	0.322	ng	# 89
21) Hexachlorobenzene	16.31	284	5253	0.350	ng	98
22) Pentachlorophenol	16.63	266	4114	0.800	ng	93
23) Phenanthrene	17.02	178	22667	0.342	ng	100
24) Anthracene	17.11	178	19817	0.350	ng	100
26) Fluoranthene	19.05	202	26514	0.326	ng	99
28) Pyrene	19.41	202	26260	0.395	ng	100
30) Benzo(a)anthracene	21.16	228	24340	0.357	ng	99
31) Chrysene	21.22	228	27700	0.379	ng	100
32) Bis(2-ethylhexyl)phthalate	21.12	149	6341	0.276	ng	98
33) Indeno(1,2,3-cd)pyrene	25.50	276	32785	0.419	ng	99
35) Benzo(b)fluoranthene	22.71	252	26934	0.375	ng	99
36) Benzo(k)fluoranthene	22.75	252	27709	0.379	ng	# 97
37) Benzo(a)pyrene	23.26	252	24292	0.401	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	27593	0.421	ng	99
39) Benzo(g,h,i)perylene	26.15	276	29011	0.440	ng	99

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

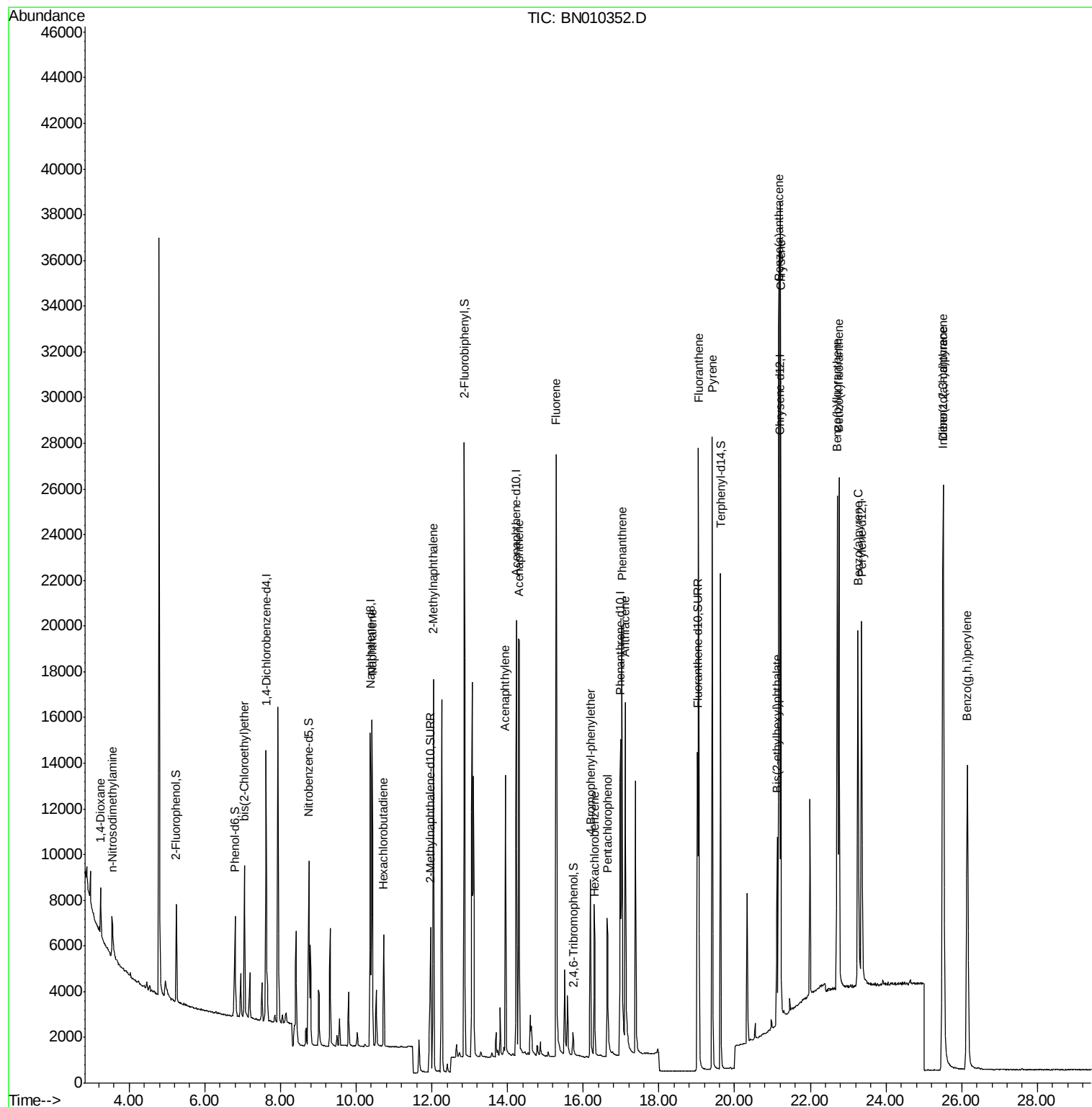
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032720\
Data File : BN010352.D
Acq On : 27 Mar 2020 15:21
Operator : CG/JU
Sample : PB127802BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

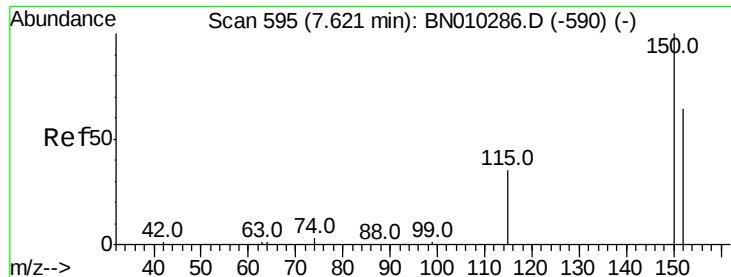
Instrument :
BNA_N
ClientSampleId :
PB127802BSD

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Quant Time: Mar 27 17:21:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

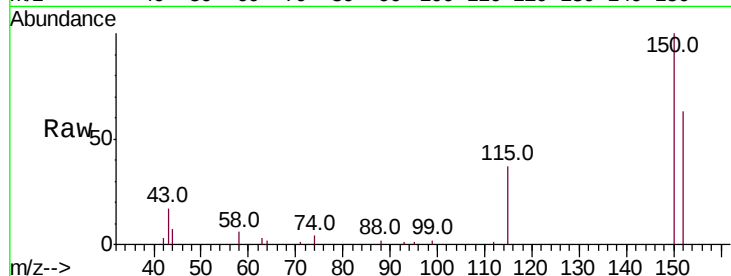
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.1	184.7
115	58.4	45.2	67.8

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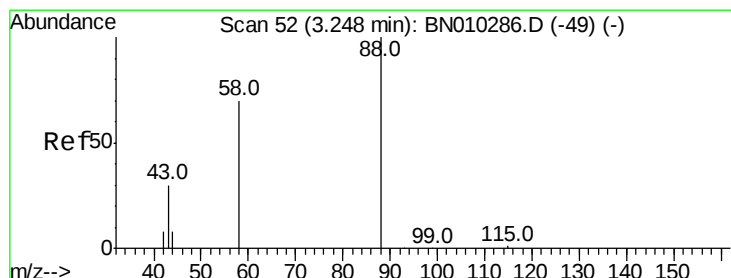
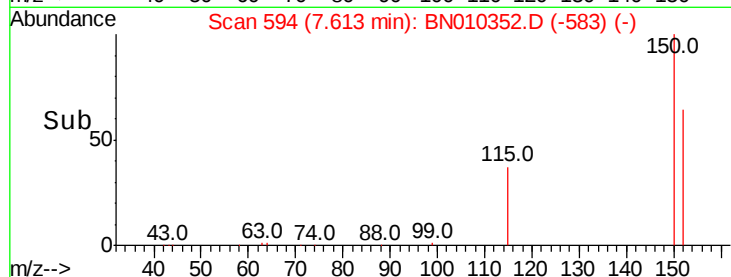
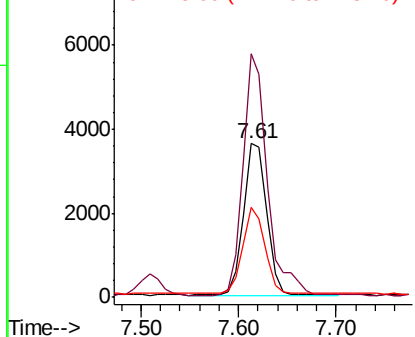


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

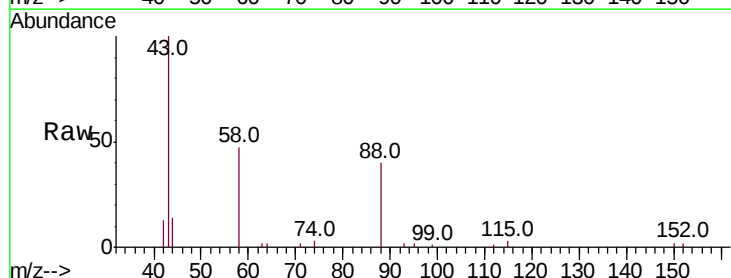
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.255 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	48.2	51.7	77.5#
43	25.8	21.2	31.8

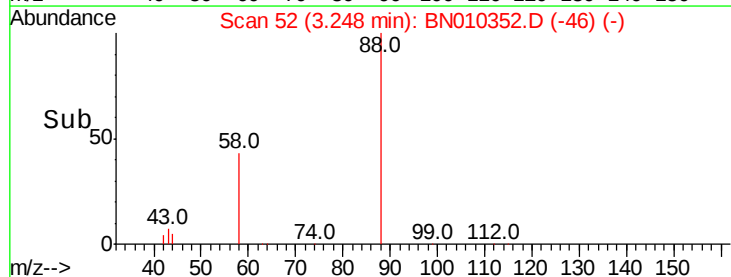
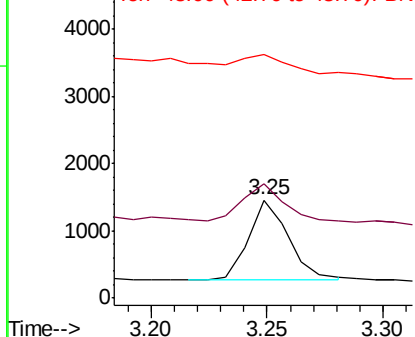


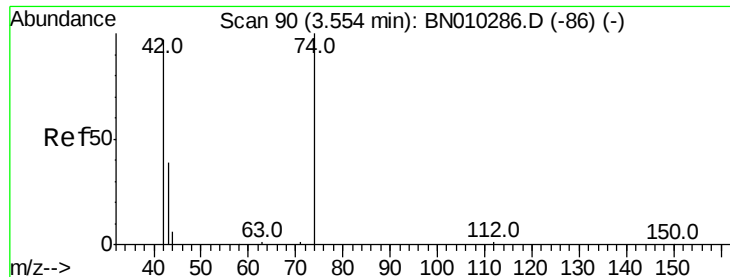
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

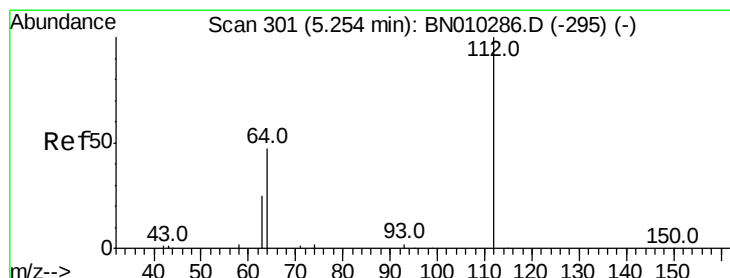
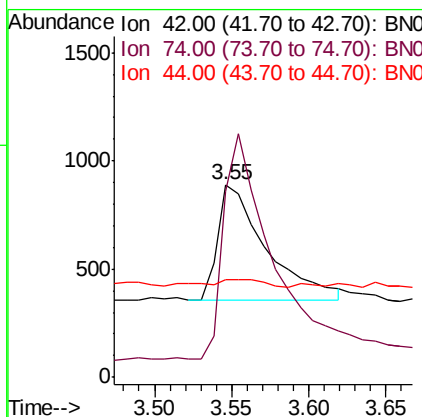
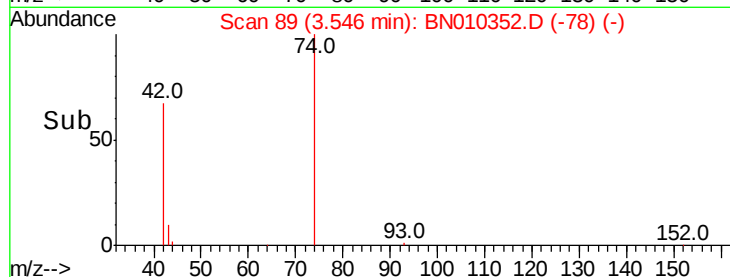
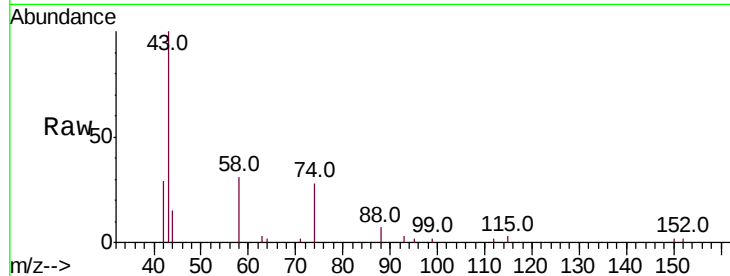
n-Nitrosodimethylamine
 Concen: 0.248 ng
 RT: 3.55 min Scan# 89
 Delta R.T. -0.01 min
 Lab File: BN010352.D
 Acq: 27 Mar 2020 15:21

Instrument :
 BNA_N
 ClientSampled :
 PB127802BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	197.4	99.4	149.0#
44	8.4	4.8	7.2#

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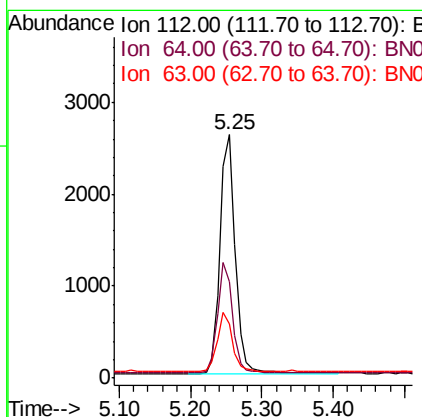
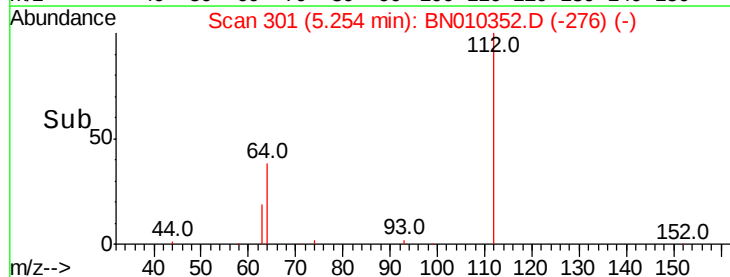
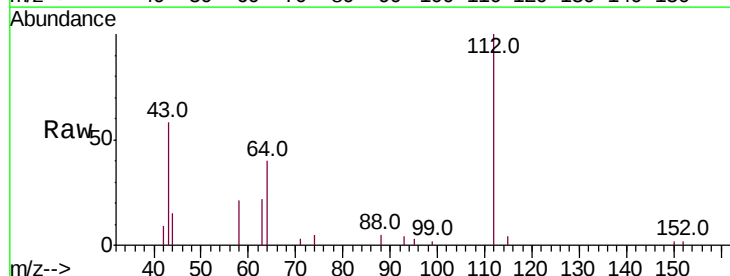
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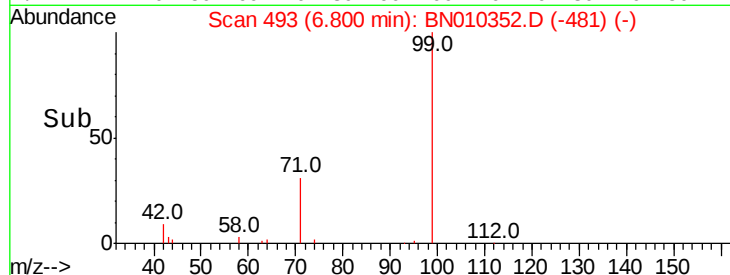
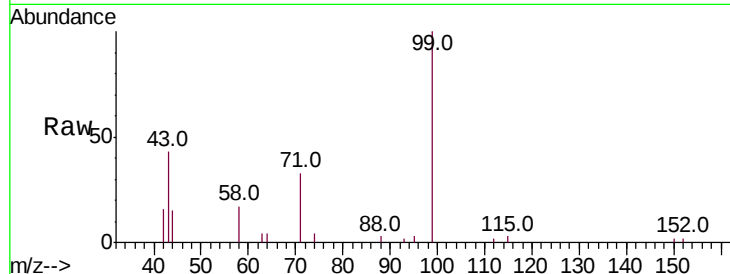
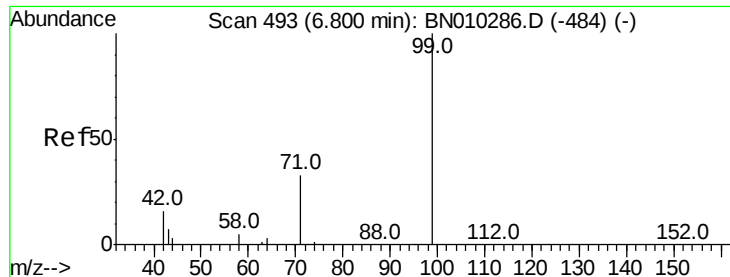


#4

2-Fluorophenol
 Concen: 0.335 ng
 RT: 5.25 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BN010352.D
 Acq: 27 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	41.4	62.2
63	24.3	22.9	34.3





#5

Phenol-d6

Concen: 0.316 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Tot Ion:	99	Resp:	4550
Ion Ratio	Lower	Upper	
99	100		
42	14.2	14.8	22.2#
71	34.4	27.3	40.9

Instrument :

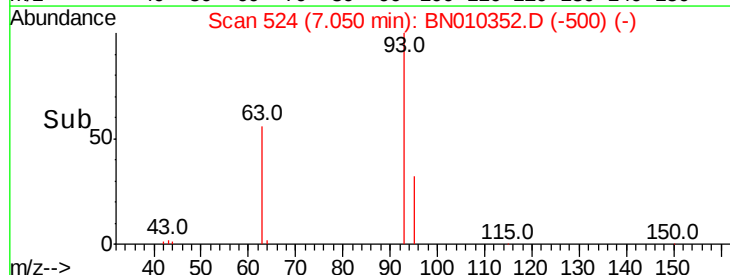
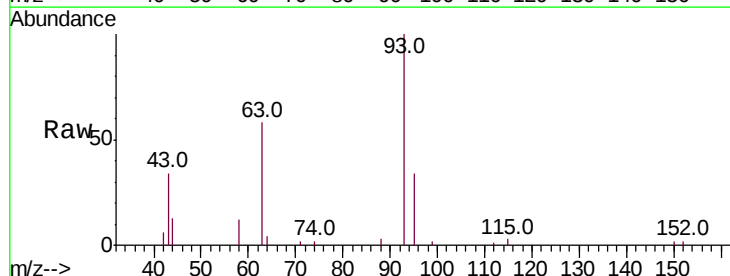
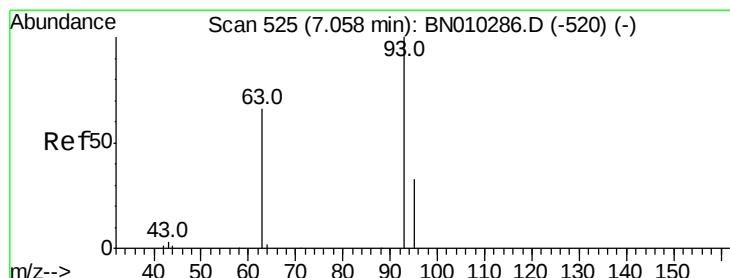
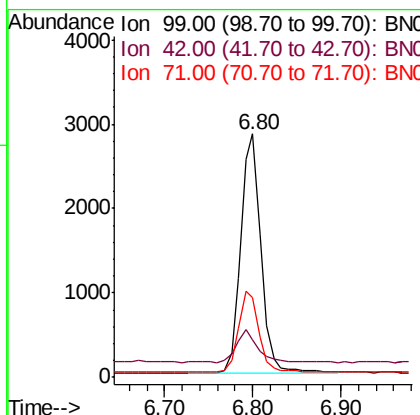
BNA_N

ClientSampleId :

PB127802BSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.381 ng

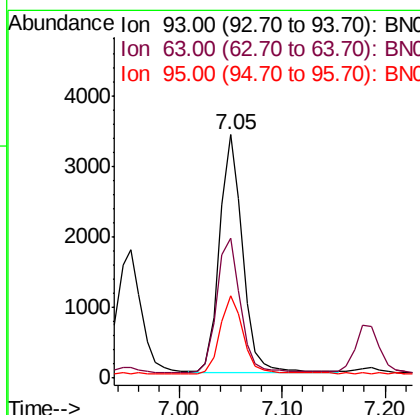
RT: 7.05 min Scan# 524

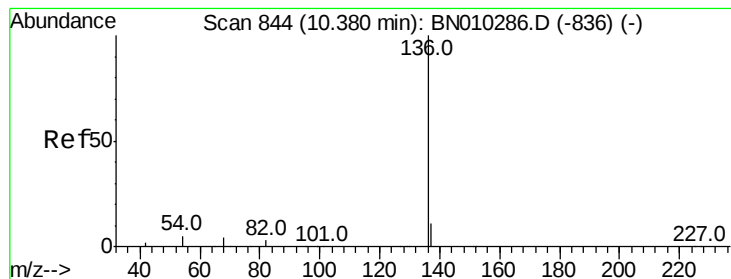
Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Tgt Ion:	93	Resp:	5271
Ion Ratio	Lower	Upper	
93	100		
63	57.9	55.6	83.4
95	32.8	26.2	39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

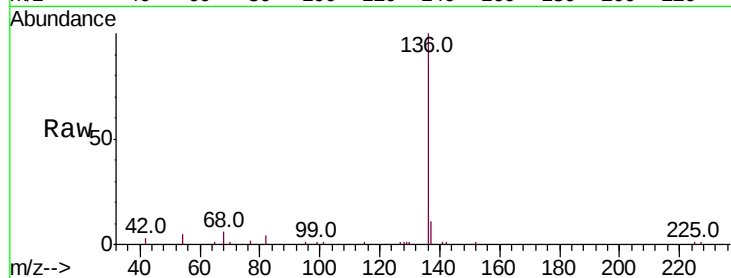
ClientSampleId :

PB127802BSD

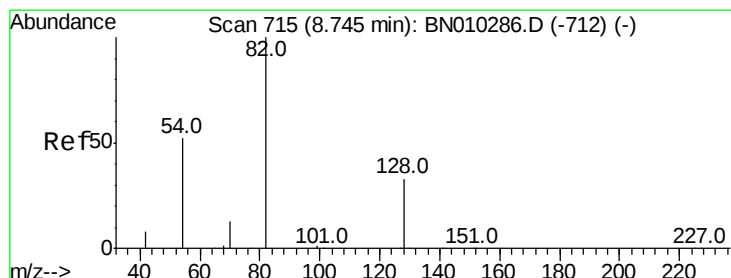
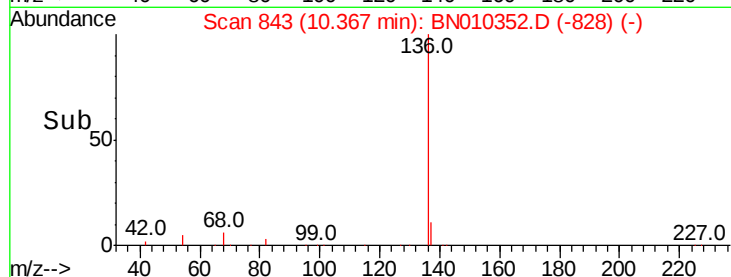
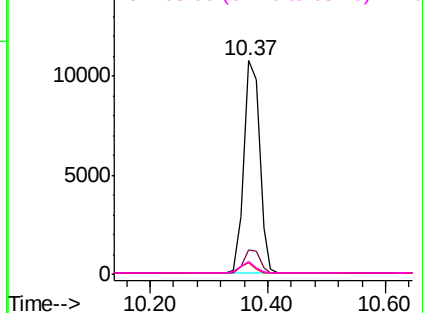
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	5.4	4.8	7.2
68	6.2	4.1	6.1#

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.535 ng

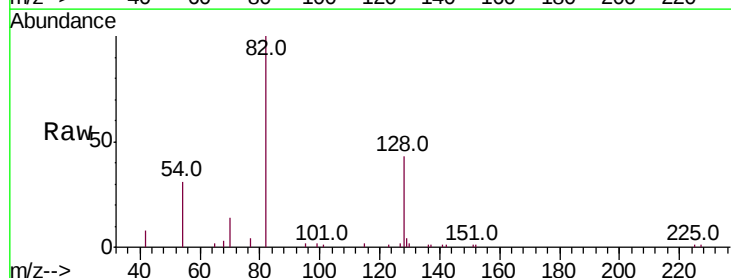
RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

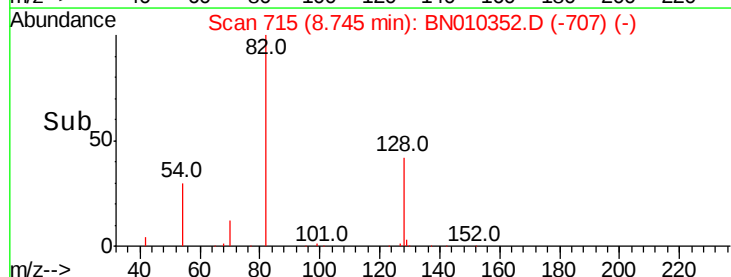
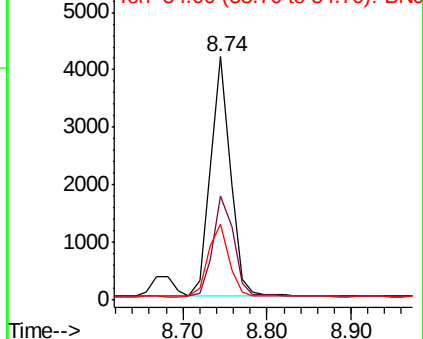
Lab File: BN010352.D

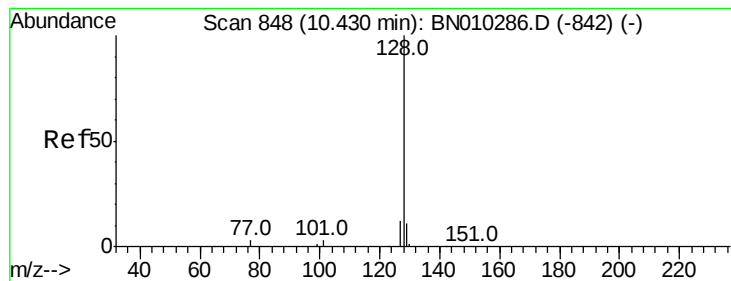
Acq: 27 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	28.8	43.2
54	31.0	42.1	63.1#



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.366 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

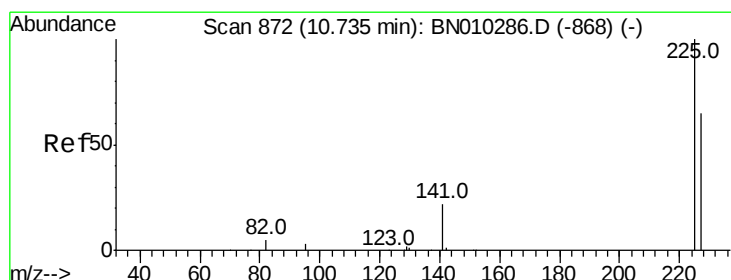
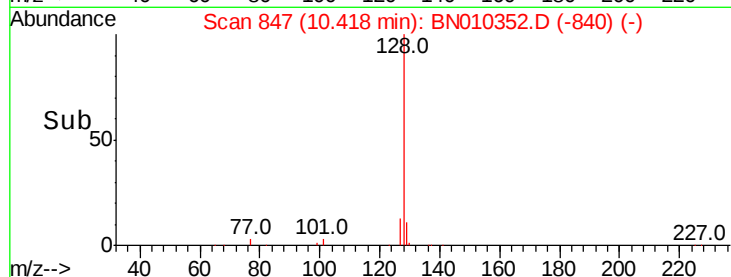
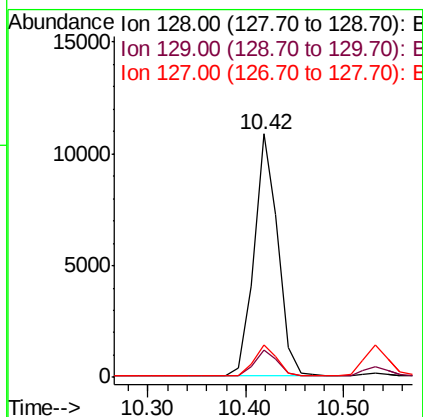
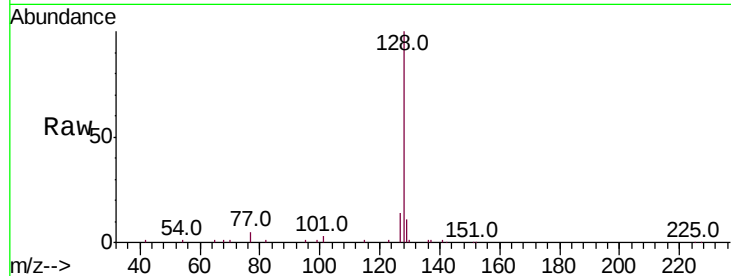
ClientSampleId :

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Tot Ion:128	Resp:	18219
Ion Ratio	Lower	Upper
128 100		
129 11.2	9.1	13.7
127 13.5	10.4	15.6

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#10

Hexachlorobutadiene

Concen: 0.353 ng

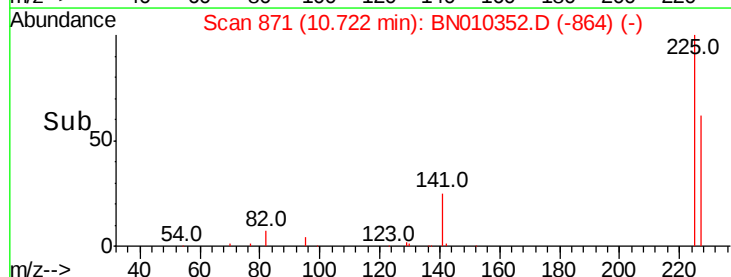
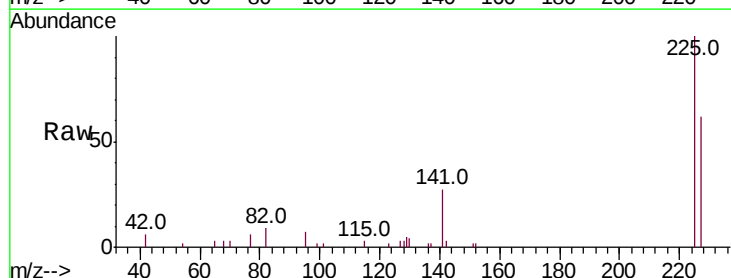
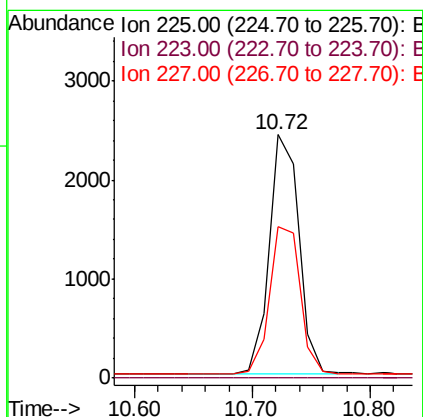
RT: 10.72 min Scan# 871

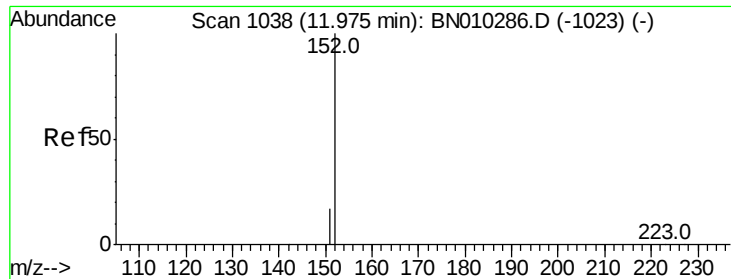
Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Tgt Ion:225	Resp:	4253
Ion Ratio	Lower	Upper
225 100		
223 0.0	0.0	0.0
227 63.7	51.9	77.9





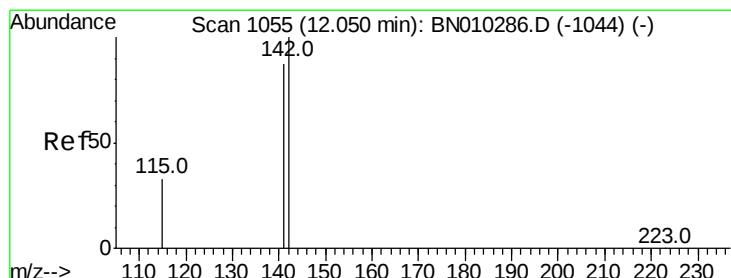
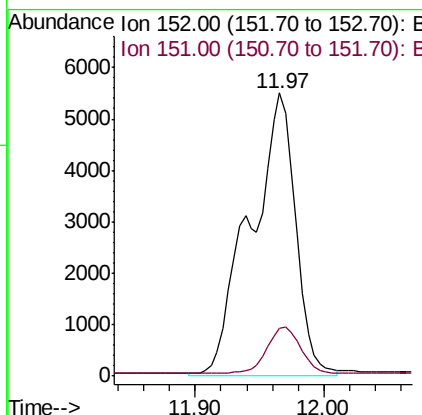
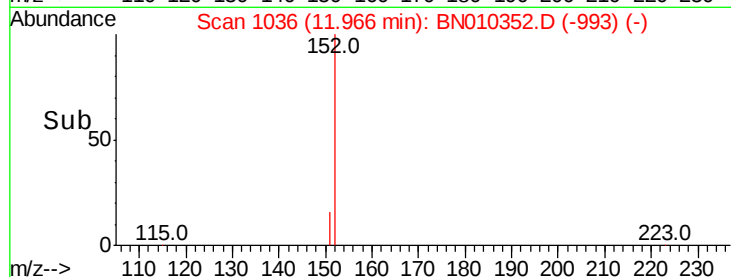
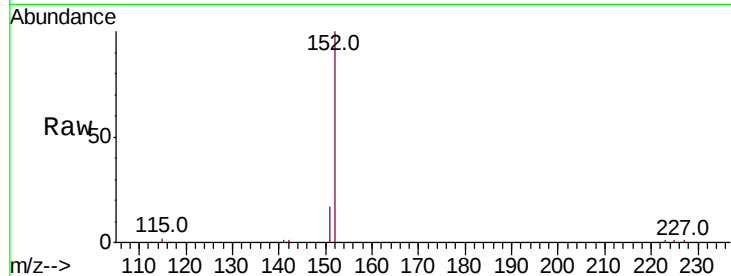
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng m
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tot Ion:152 Resp: 13502
Ion Ratio Lower Upper
152 100
151 12.3 15.4 23.2#

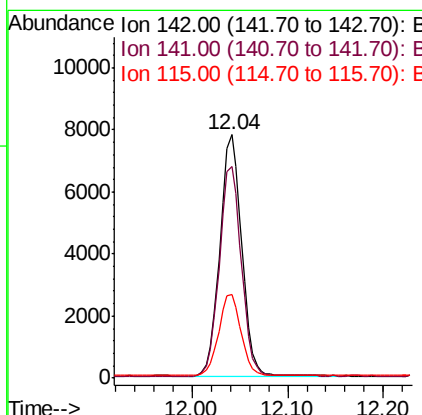
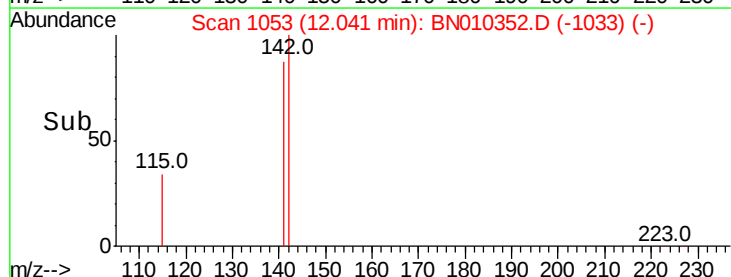
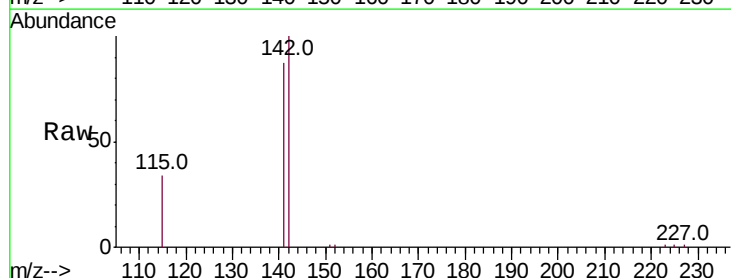
Manual Integrations
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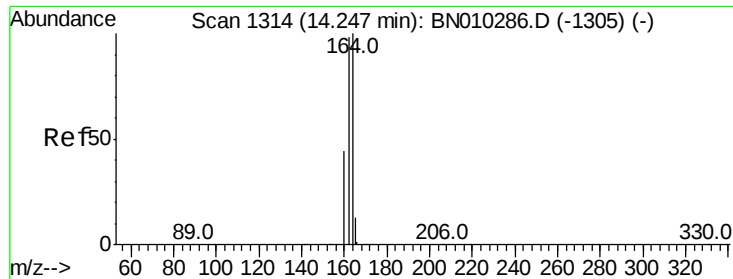
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#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:142 Resp: 12242
Ion Ratio Lower Upper
142 100
141 87.1 69.5 104.3
115 34.5 27.5 41.3





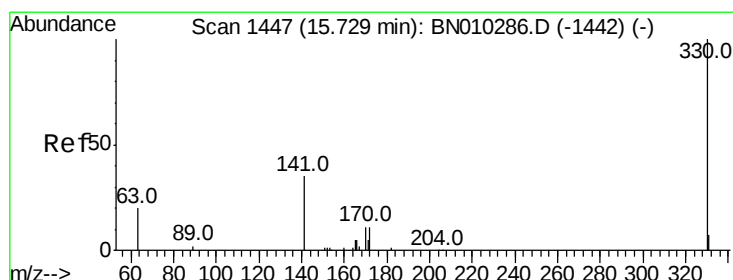
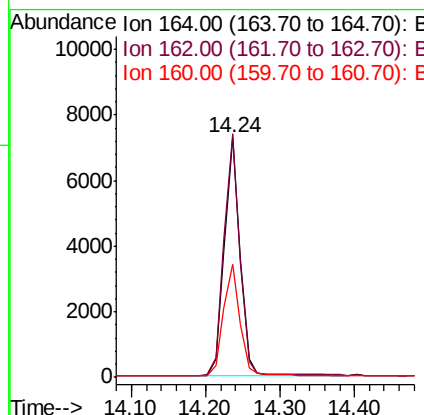
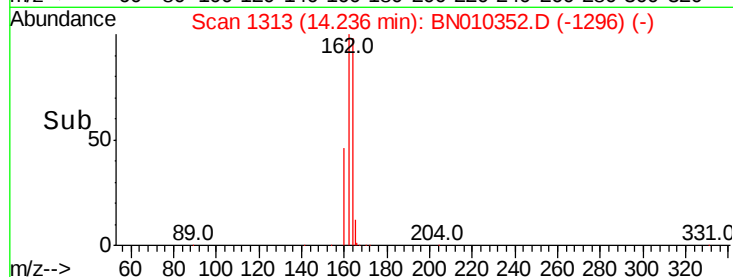
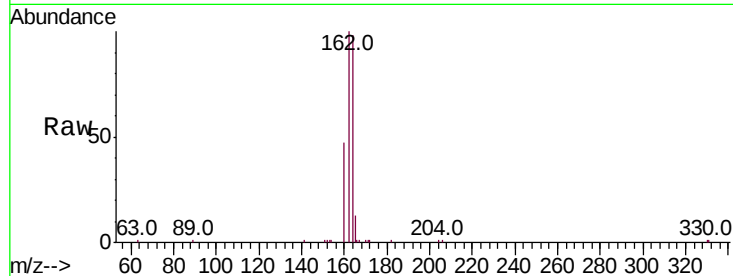
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.2	117.2
160	47.4	35.8	53.6

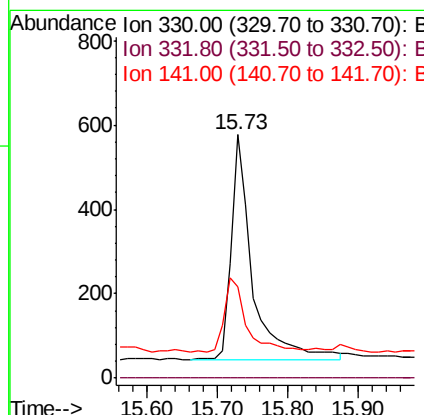
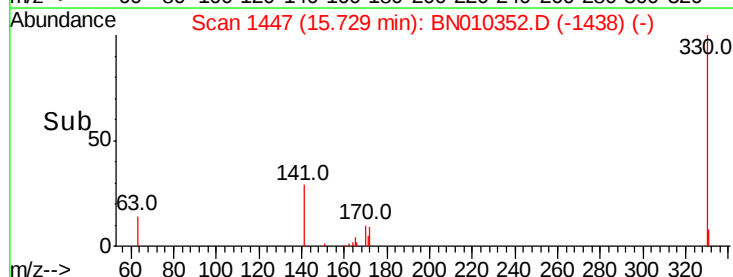
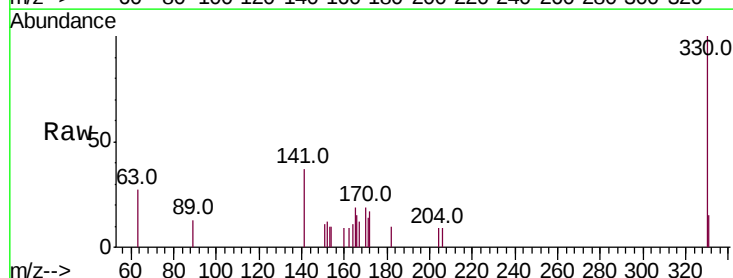
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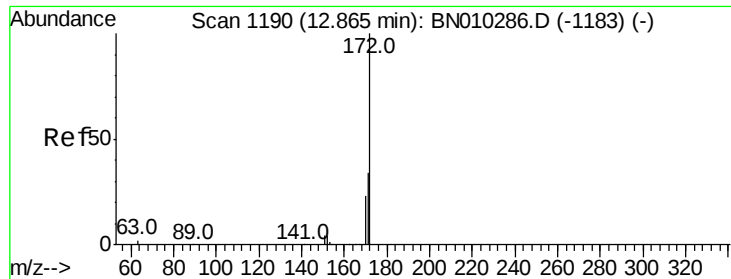
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#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	29.3	43.9





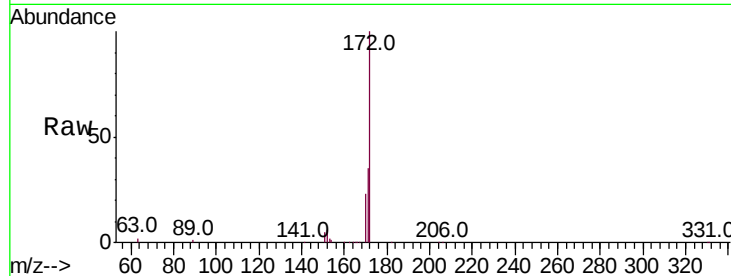
#15
2-Fluorobiphenyl
Concen: 0.567 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

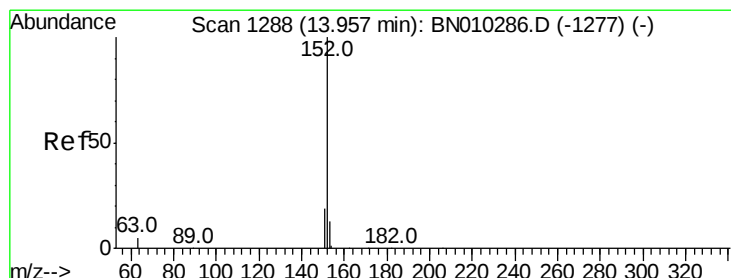
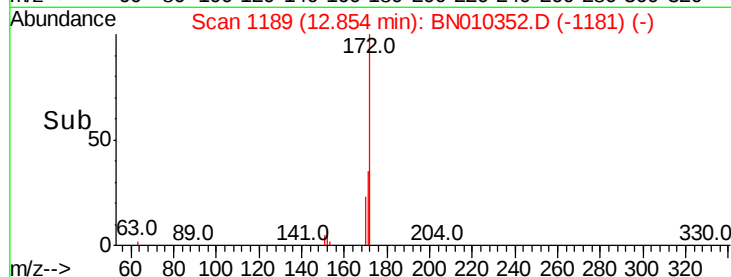
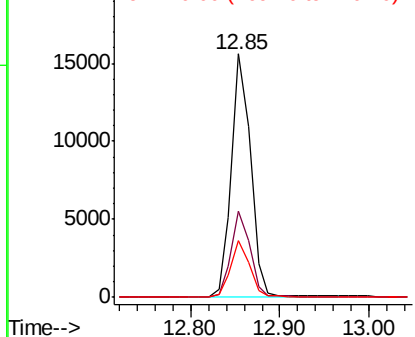
Tot Ion:	172	Resp:	23160
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.6	41.4
170	23.3	18.5	27.7

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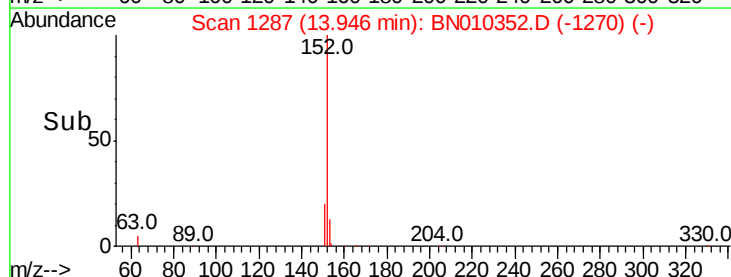
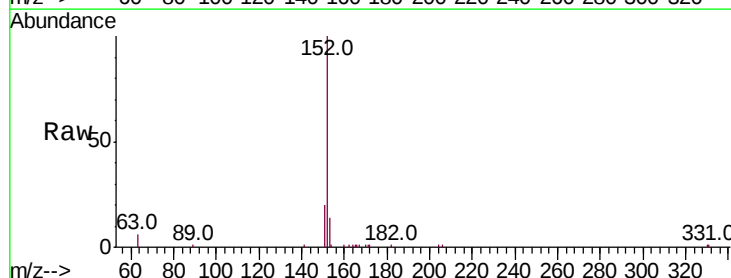
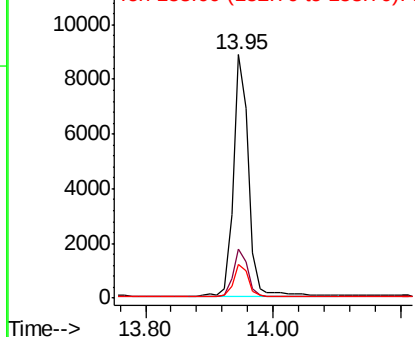
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

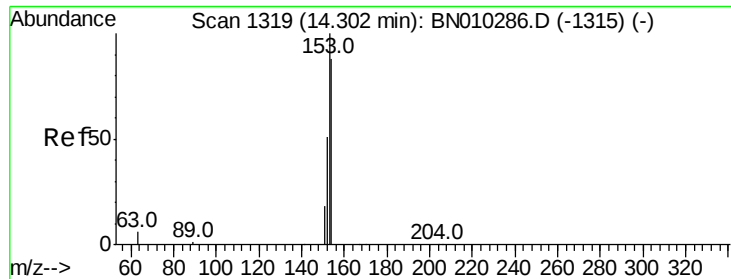


#16
Acenaphthylene
Concen: 0.351 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:	152	Resp:	14679
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.6	23.4
153	13.3	10.6	15.8

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

ClientSampleId :

PB127802BSD

Tot Ion:154 Resp: 10490

Ion Ratio Lower Upper

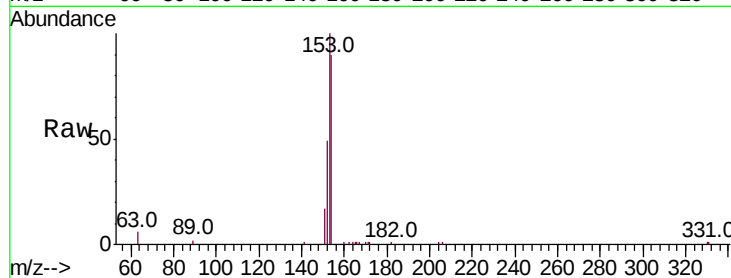
154 100

153 114.5 88.1 132.1

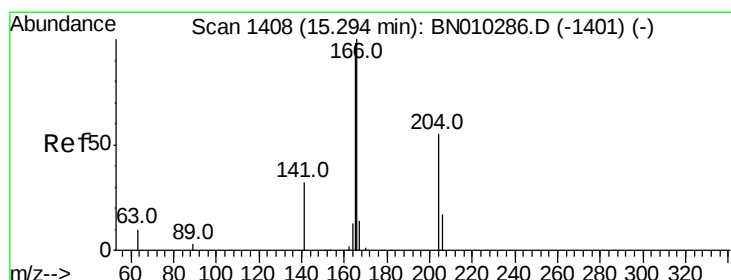
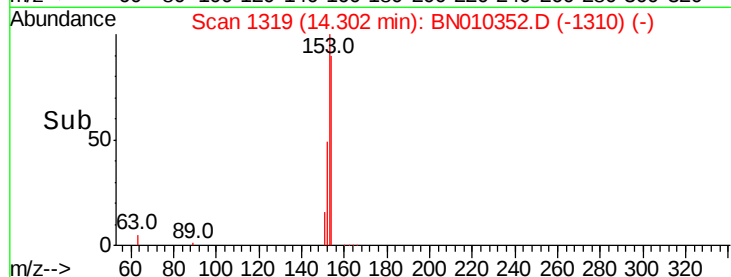
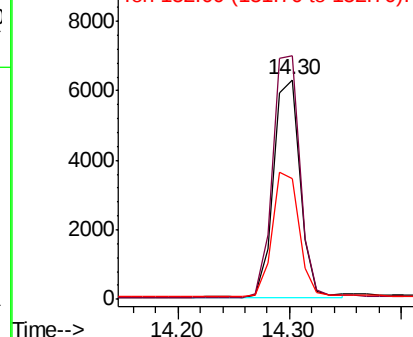
152 58.1 45.5 68.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.348 ng

RT: 15.28 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

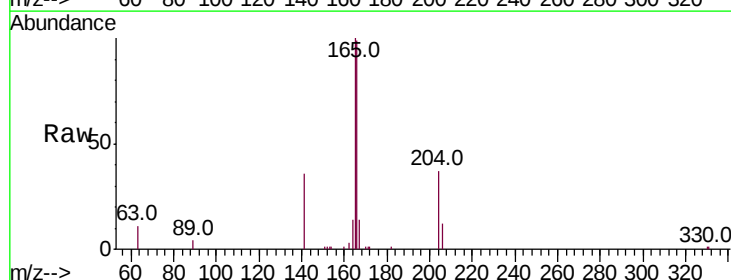
Tgt Ion:166 Resp: 13807

Ion Ratio Lower Upper

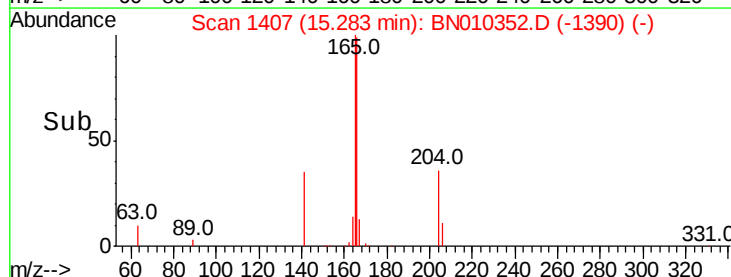
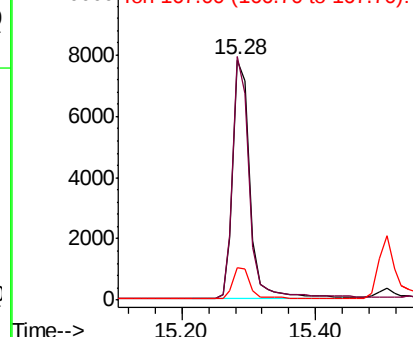
166 100

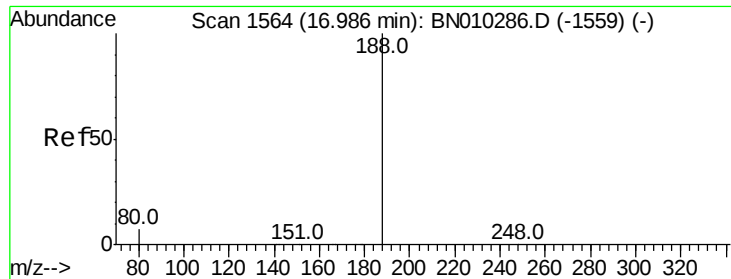
165 97.6 78.7 118.1

167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

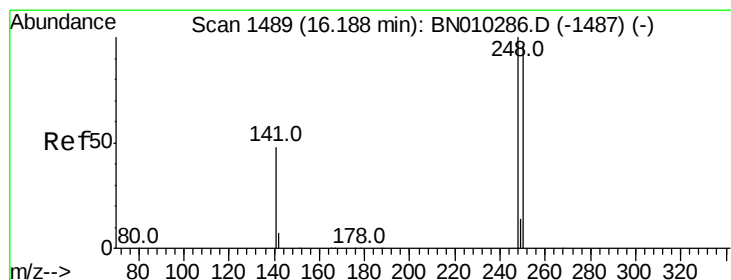
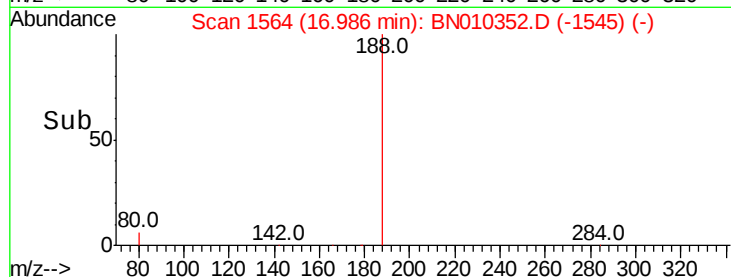
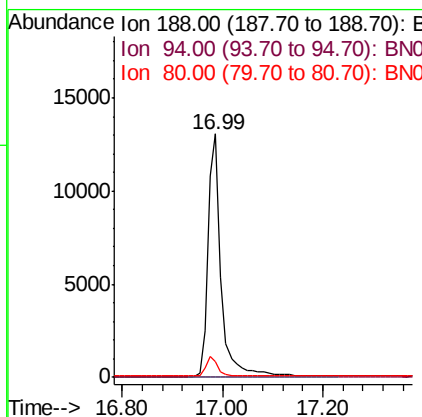
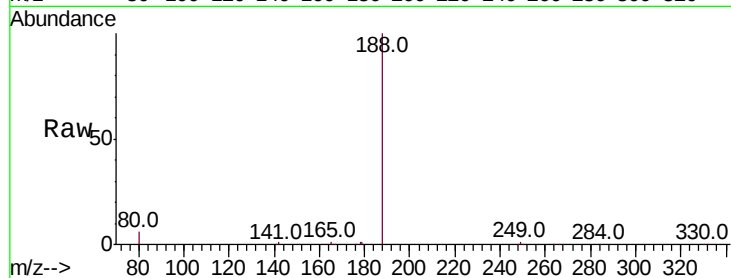
ClientSampleId :

PB127802BSD

Tot Ion:	188	Resp:	24111
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.3	6.0	9.0

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#20

4-Bromophenyl-phenylether

Concen: 0.322 ng

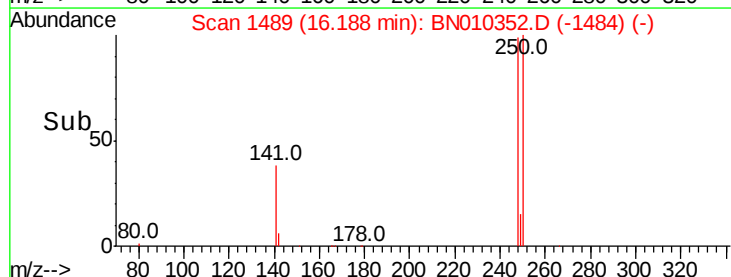
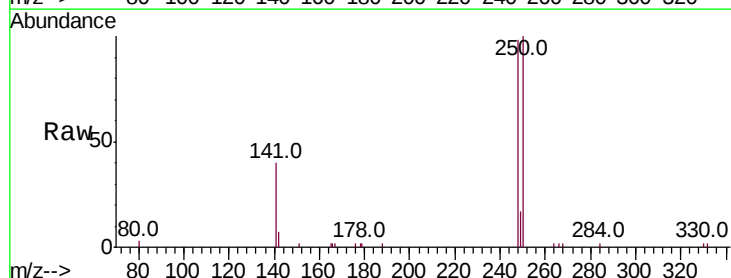
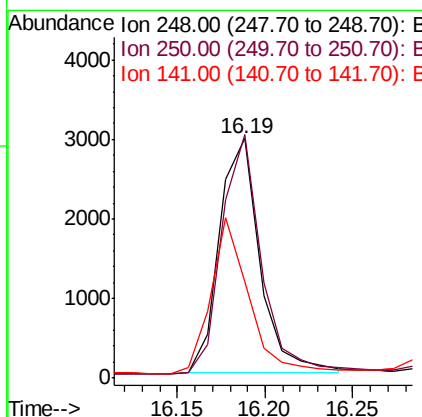
RT: 16.19 min Scan# 1489

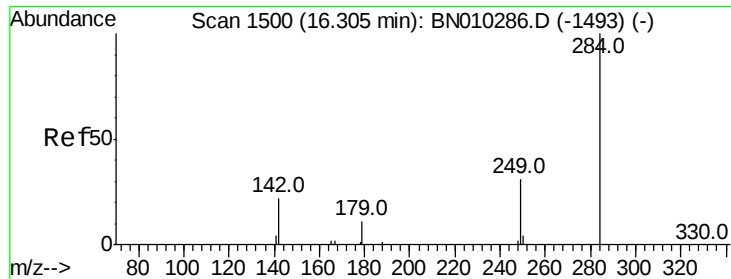
Delta R.T. 0.00 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Tgt Ion:	248	Resp:	4713
Ion Ratio	Lower	Upper	
248	100		
250	101.6	76.8	115.2
141	40.3	44.4	66.6#





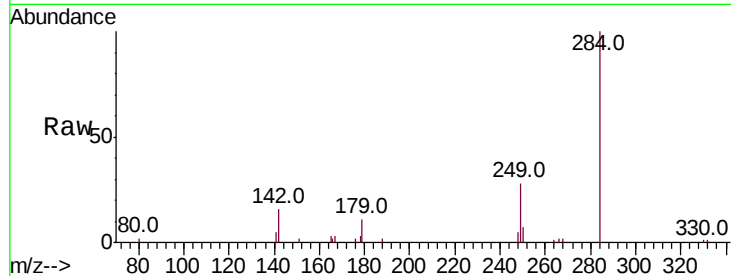
#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.4	41.2
249	31.8	26.5	39.7

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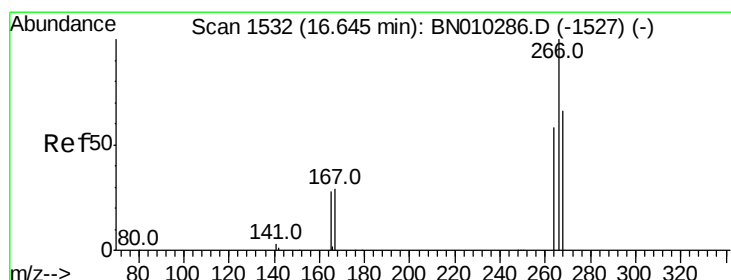
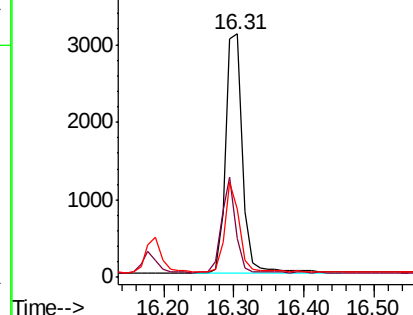
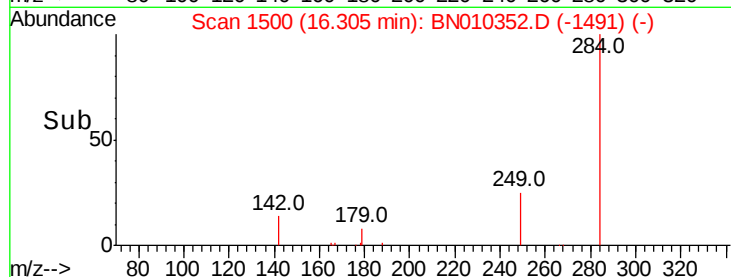


Abundance

Ion 283.80 (283.50 to 284.50): E

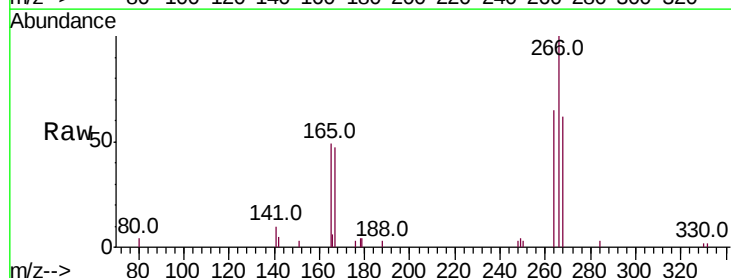
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.800 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.8	47.7	71.5
268	62.4	54.9	82.3

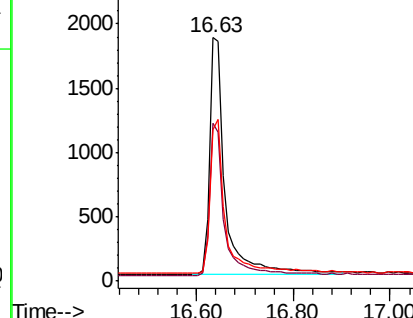
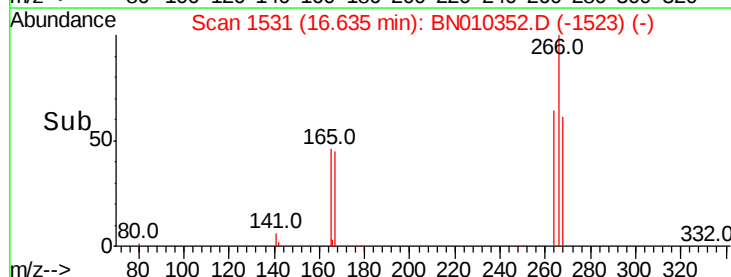


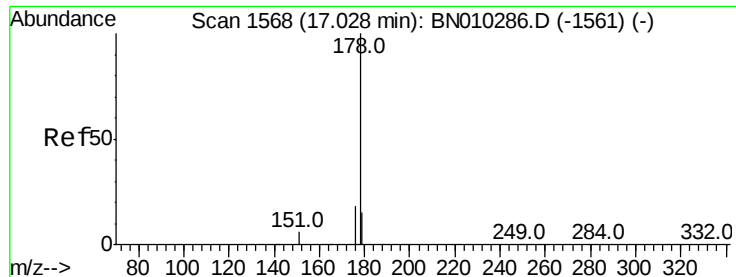
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.342 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

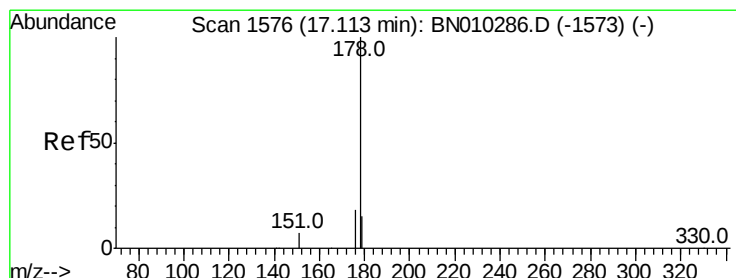
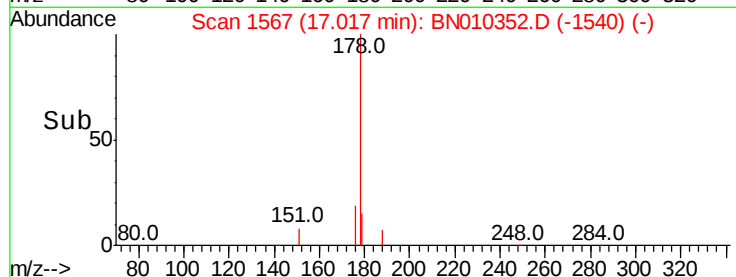
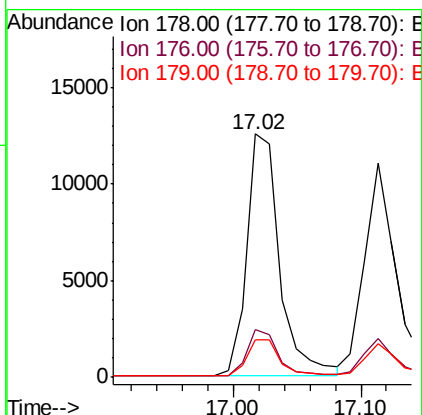
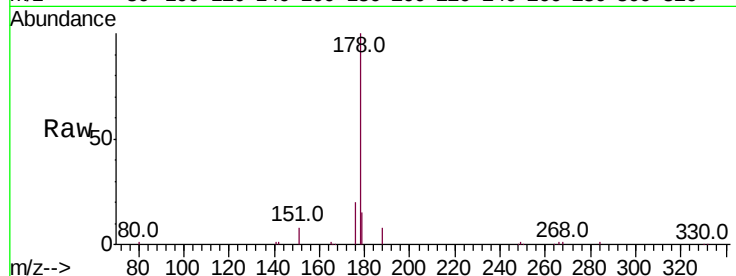
ClientSampleId :

PB127802BSD

Tot Ion:178	Resp:	22667
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.0 22.4
179	15.4	12.4 18.6

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#24

Anthracene

Concen: 0.350 ng

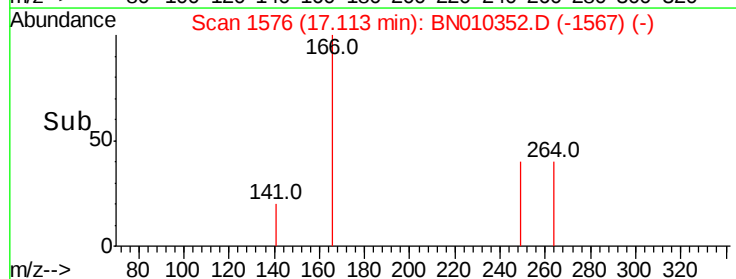
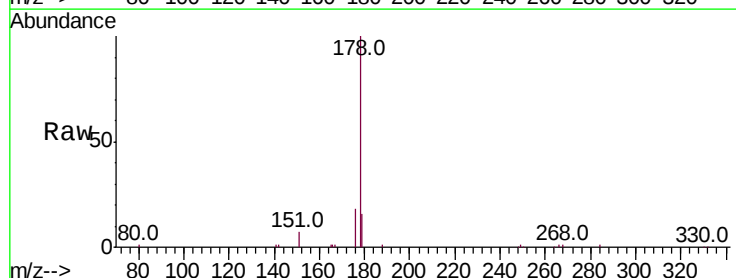
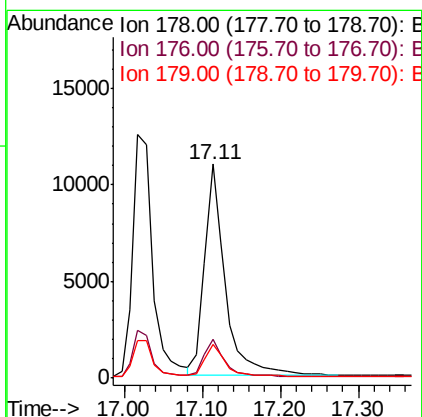
RT: 17.11 min Scan# 1576

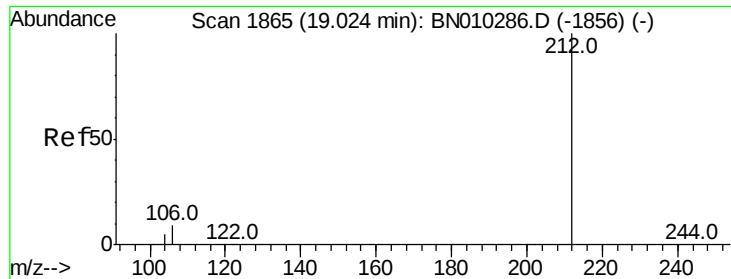
Delta R.T. 0.00 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Tgt Ion:178	Resp:	19817
Ion Ratio	Lower	Upper
178	100	
176	18.2	14.5 21.7
179	15.3	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.240 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

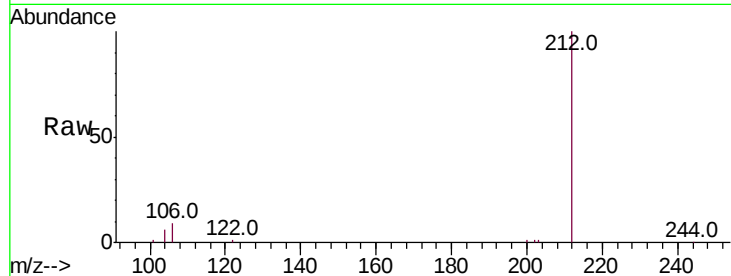
ClientSampleId :

PB127802BSD

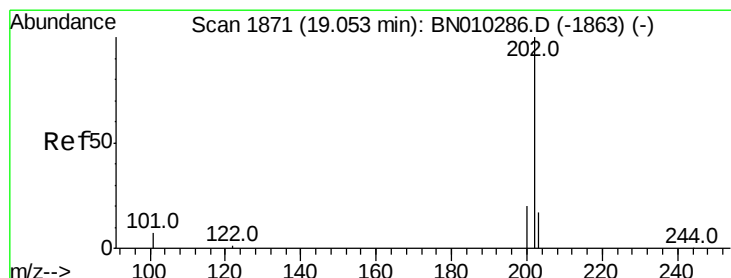
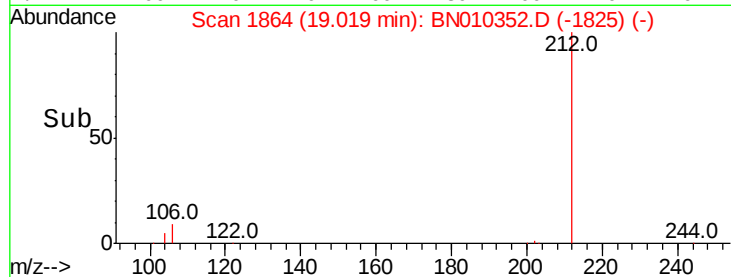
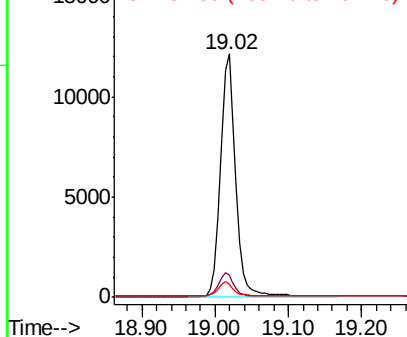
Tot Ion:	212	Resp:	17474
Ion Ratio	Lower	Upper	
212	100		
106	9.6	7.4	11.2
104	5.3	4.2	6.4

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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: 0.326 ng

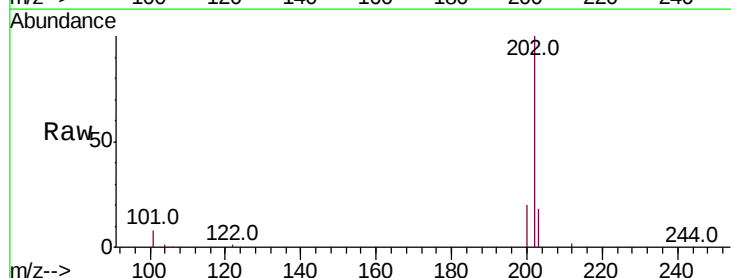
RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

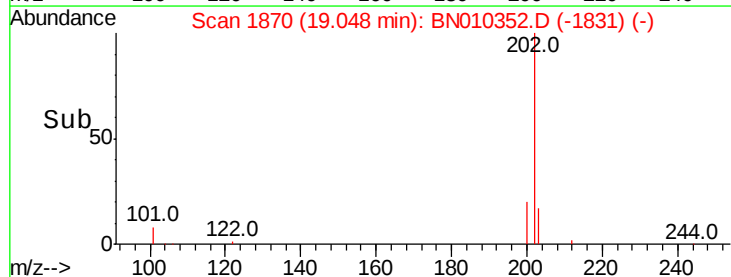
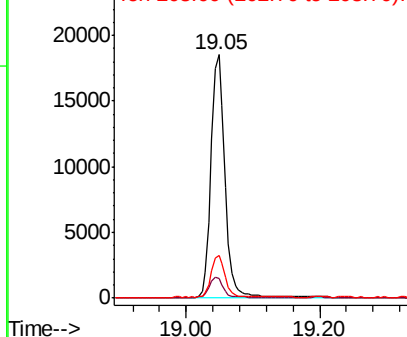
Lab File: BN010352.D

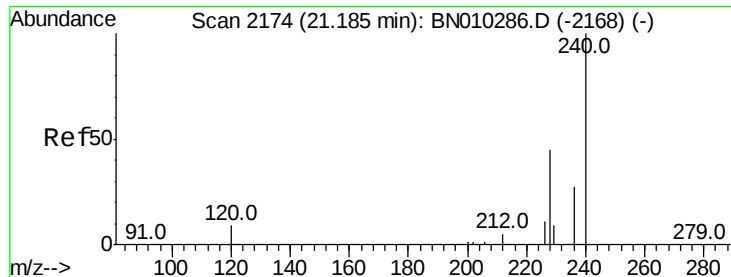
Acq: 27 Mar 2020 15:21

Tgt Ion:	202	Resp:	26514
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.6	9.8
203	17.0	13.8	20.8



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





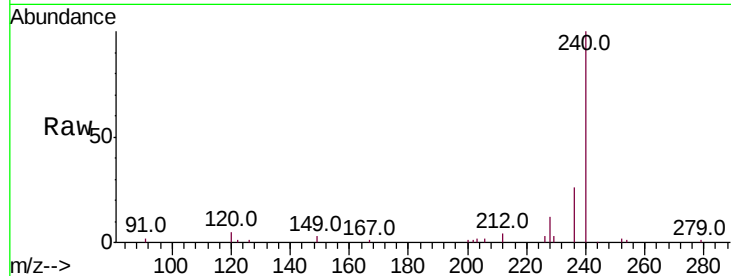
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.1	7.9	11.9#
236	26.5	22.2	33.4

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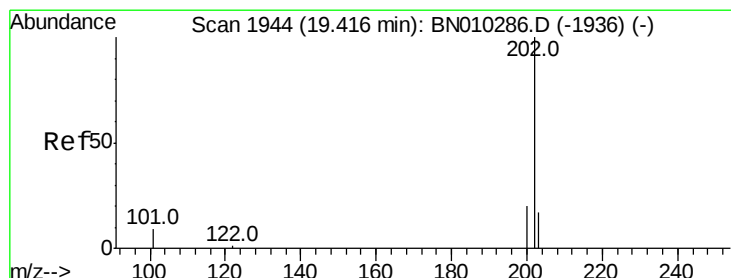
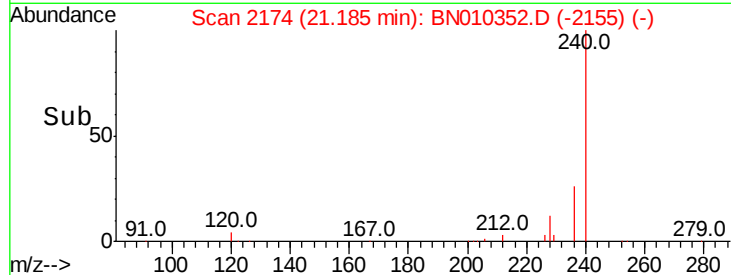
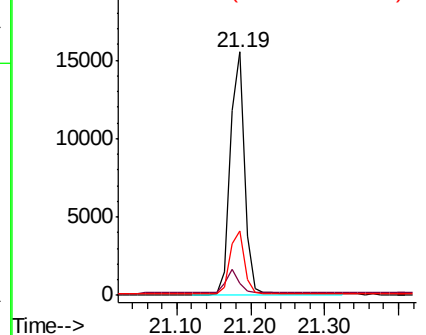


Abundance

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



#28
Pyrene
Concen: 0.395 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

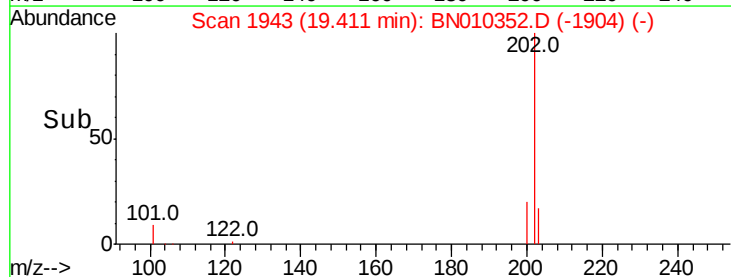
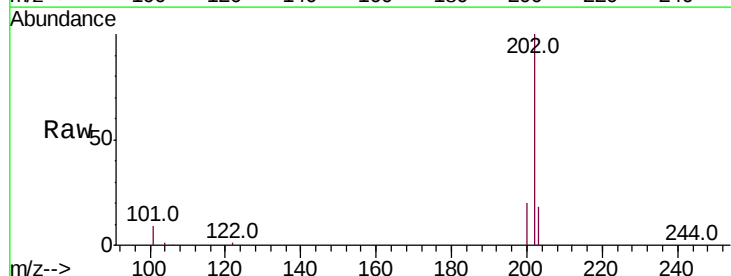
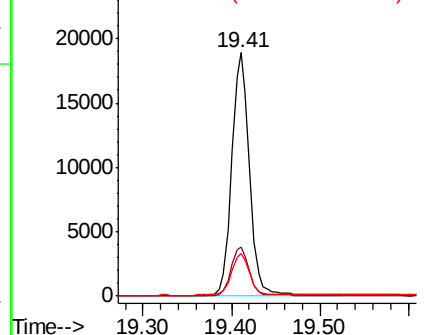
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.8	14.2	21.2

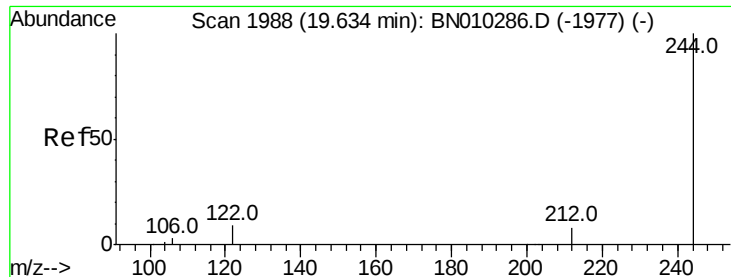
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.475 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

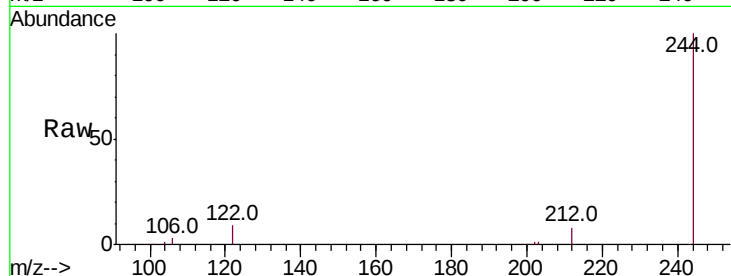
ClientSampleId :

PB127802BSD

Tot Ion:	244	Resp:	21952
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	8.9	7.6	11.4

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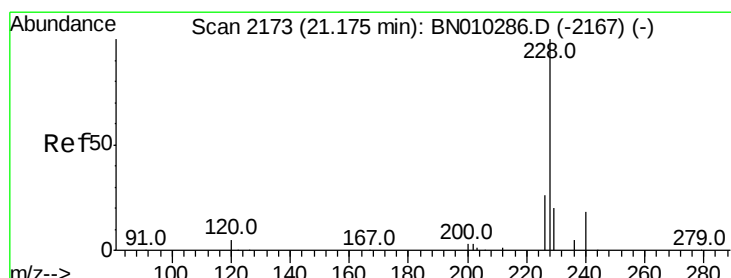
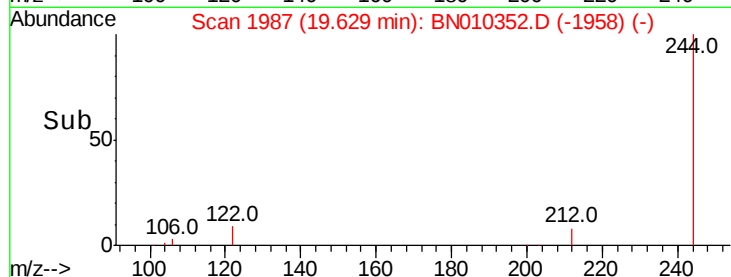
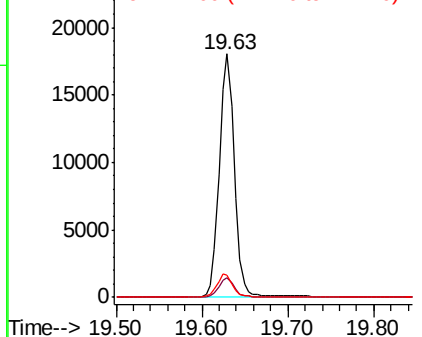


Abundance

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



#30

Benzo(a)anthracene

Concen: 0.357 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

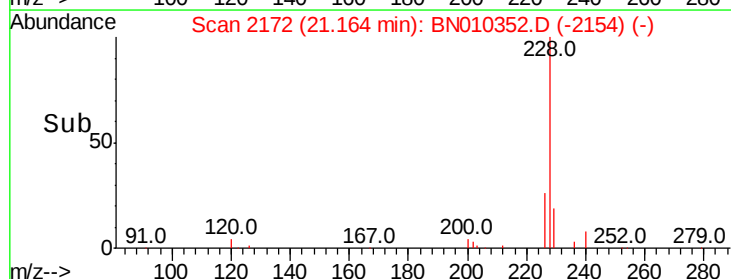
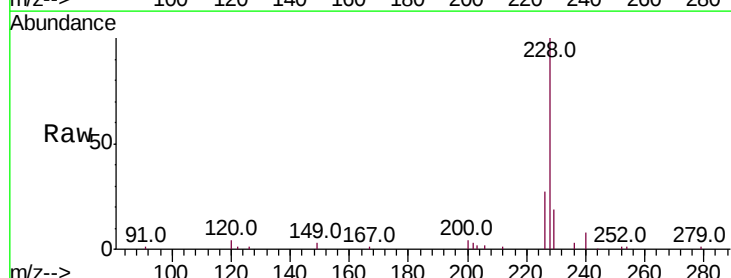
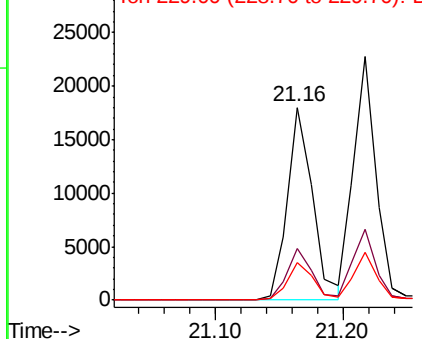
Tgt Ion:	228	Resp:	24340
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.0	31.4
229	19.5	16.0	24.0

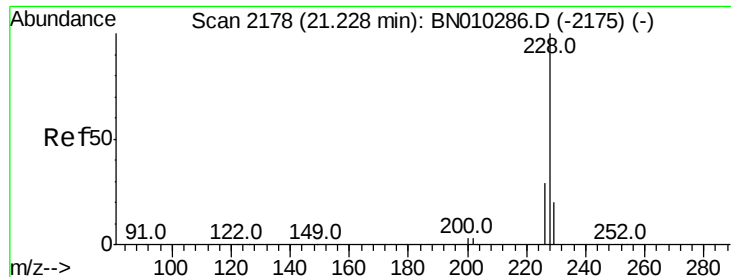
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





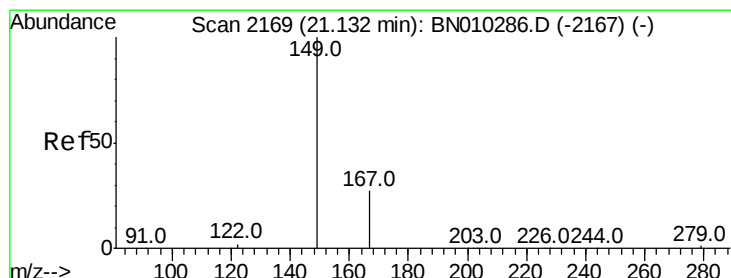
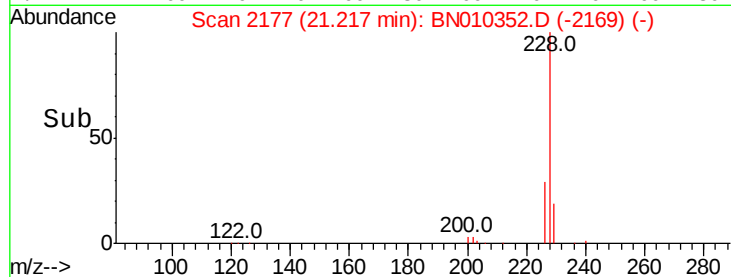
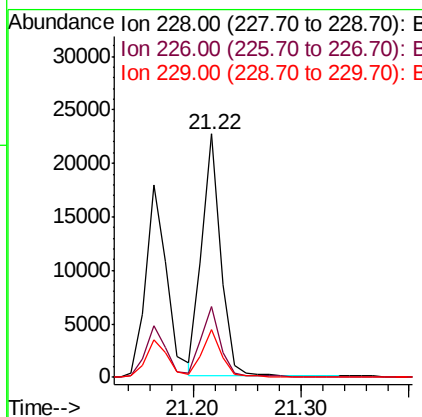
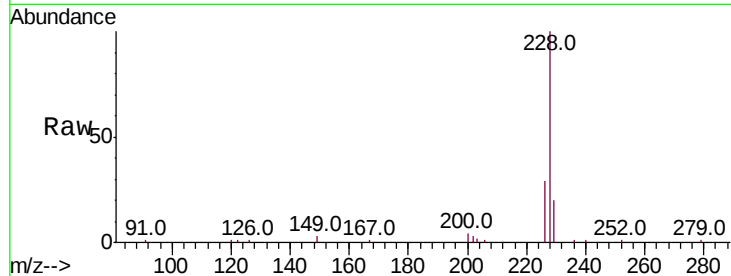
#31
 Chrysene
 Concen: 0.379 ng
 RT: 21.22 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BN010352.D
 Acq: 27 Mar 2020 15:21

Instrument :
 BNA_N
 ClientSampleId :
 PB127802BSD

Tot Ion:228	Resp:	27700
Ion Ratio	Lower	Upper
228 100		
226 29.0	23.0	34.6
229 19.7	16.0	24.0

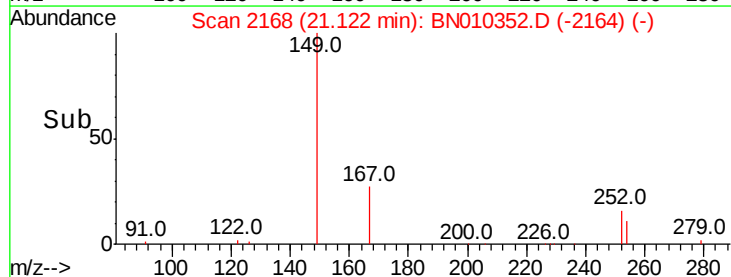
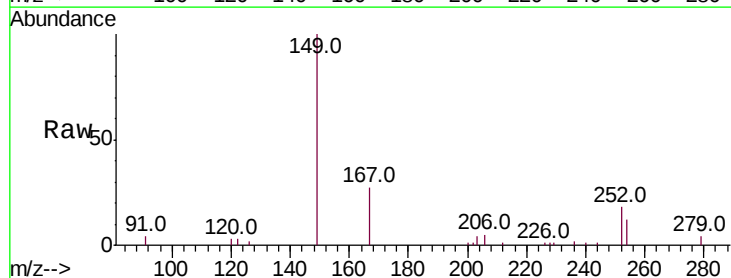
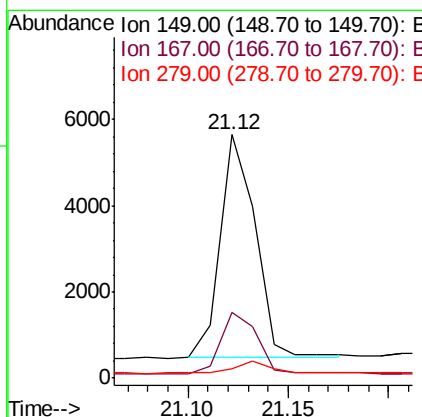
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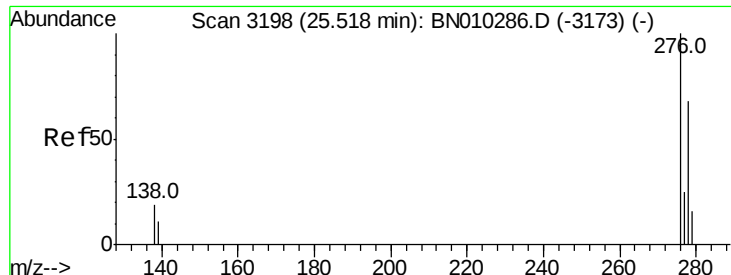
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.276 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BN010352.D
 Acq: 27 Mar 2020 15:21

Tgt Ion:149	Resp:	6341
Ion Ratio	Lower	Upper
149 100		
167 27.7	23.0	34.6
279 4.8	3.8	5.8





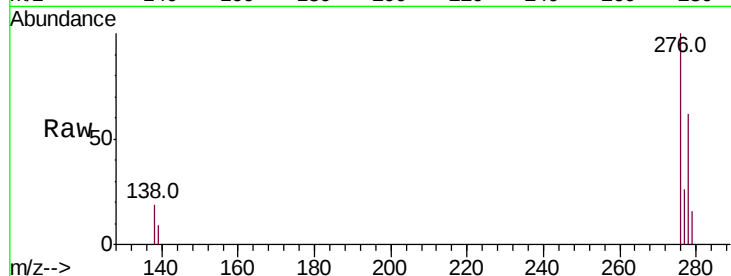
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 25.50 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	32785		
138	19.3		15.6	23.4
277	24.8		20.1	30.1

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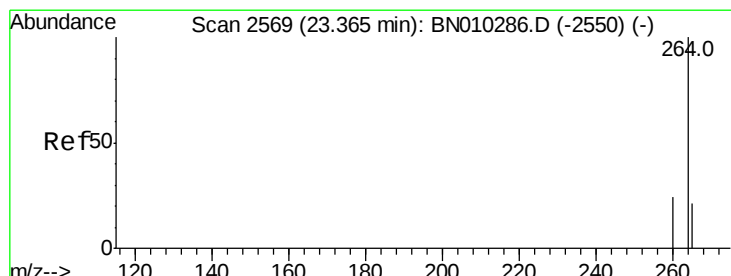
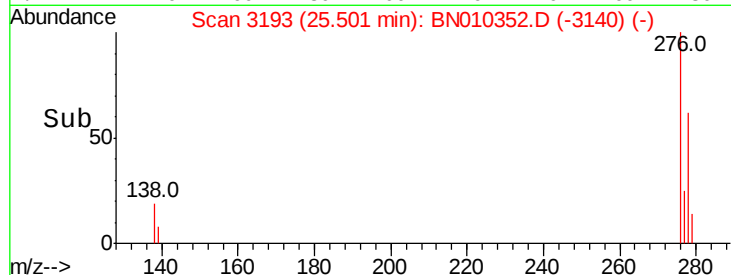
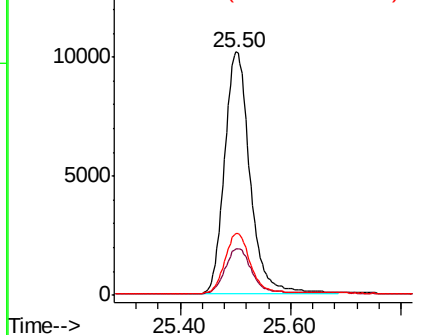


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

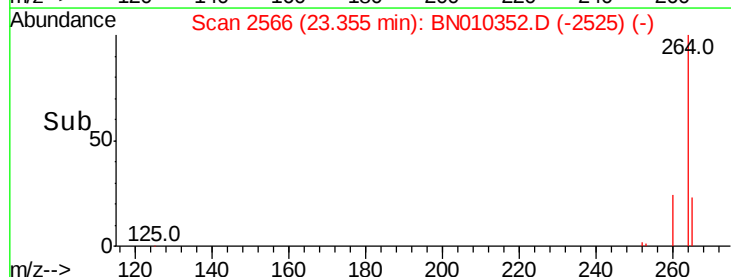
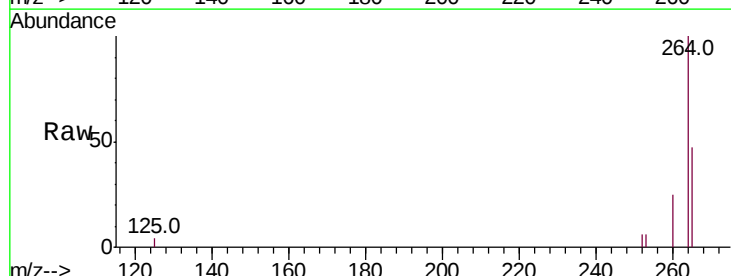
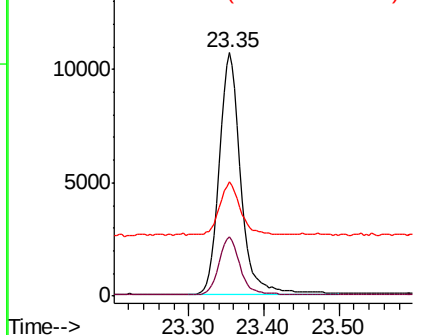
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	21148		
260	24.6		19.5	29.3
265	46.9		32.4	48.6

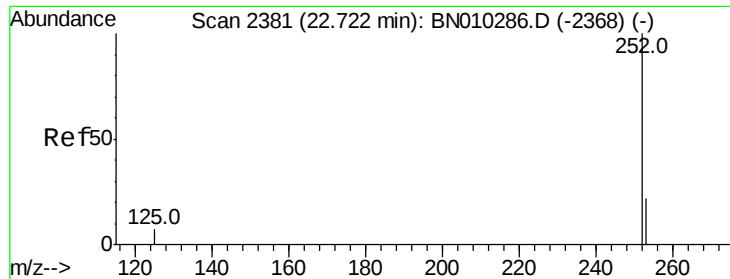
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





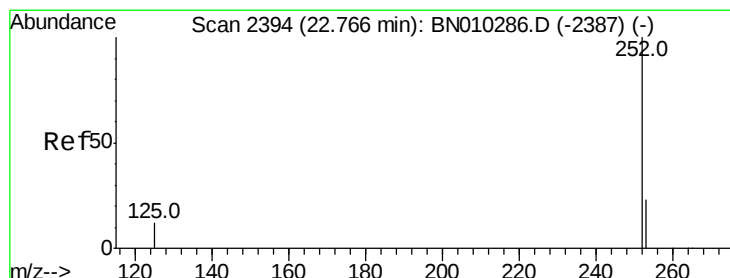
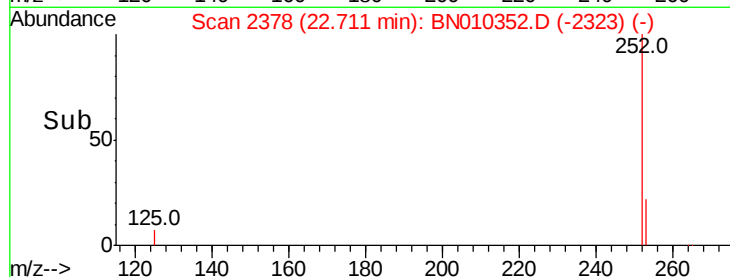
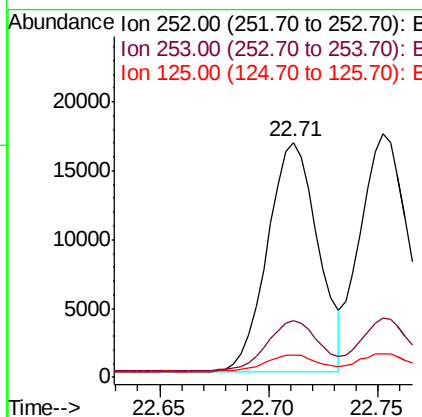
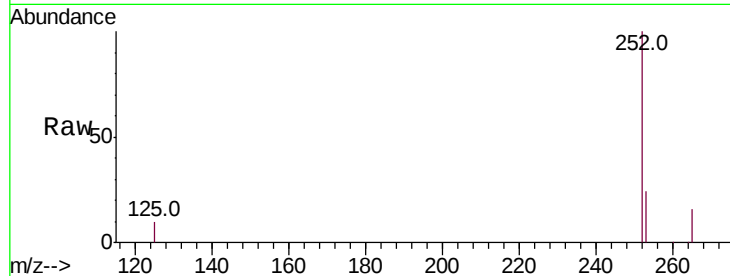
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	9.6	7.4	11.0

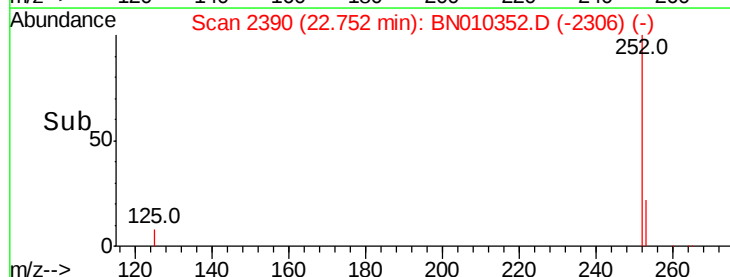
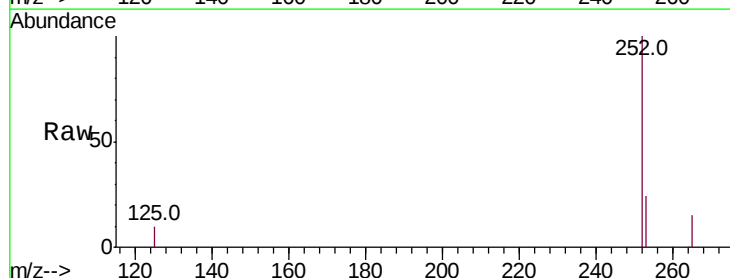
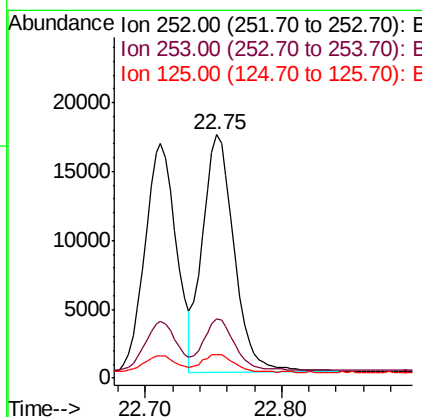
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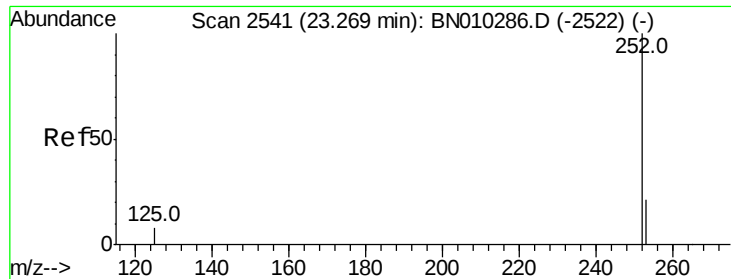
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#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 22.75 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.0
125	9.9	10.2	15.2#





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

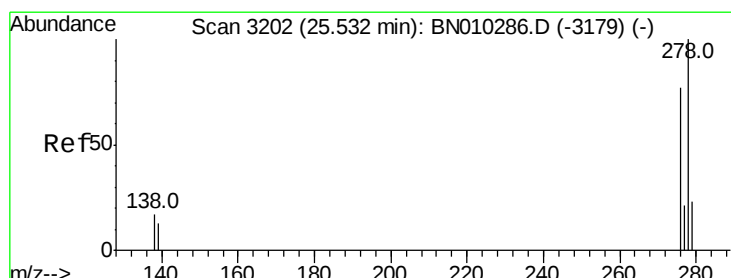
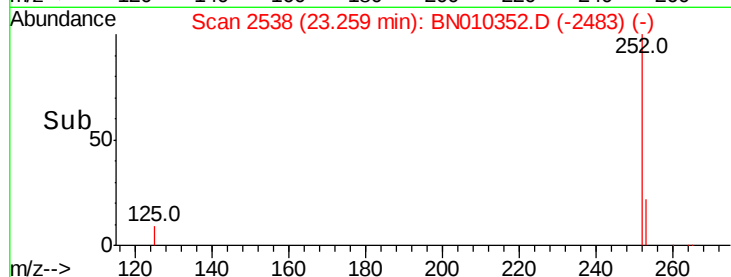
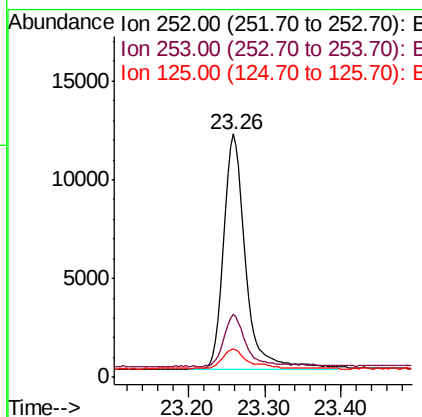
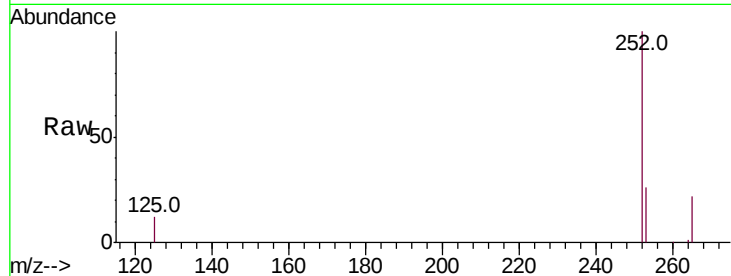
ClientSampleId :

PB127802BSD

Tot Ion:	252	Resp:	24292
Ion Ratio	Lower	Upper	
252	100		
253	25.8	19.9	29.9
125	11.8	8.9	13.3

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#38

Dibenzo(a,h)anthracene

Concen: 0.421 ng

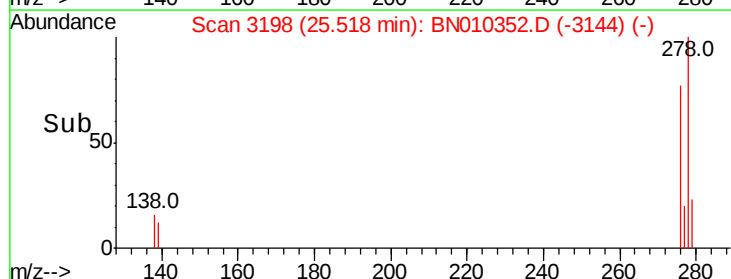
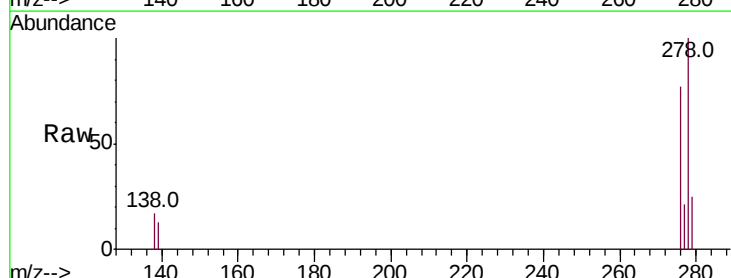
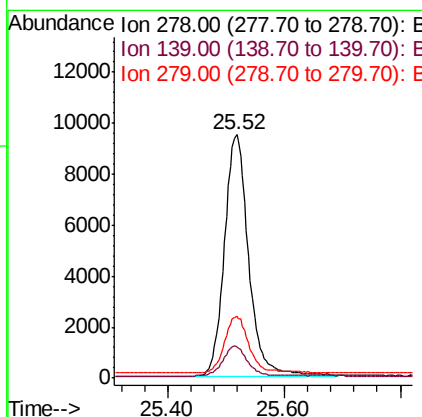
RT: 25.52 min Scan# 3198

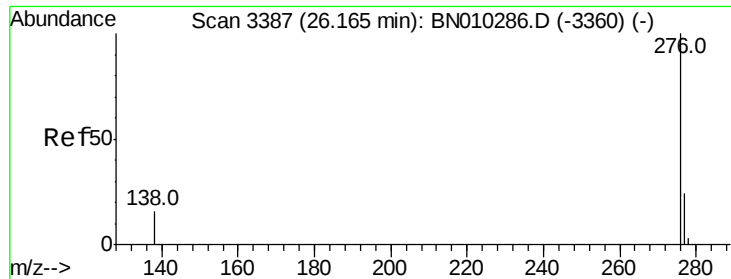
Delta R.T. -0.01 min

Lab File: BN010352.D

Acq: 27 Mar 2020 15:21

Tgt Ion:	278	Resp:	27593
Ion Ratio	Lower	Upper	
278	100		
139	13.0	10.6	16.0
279	25.4	19.8	29.6





#39

Benzo(a,h,i)perylene

Concen: 0.440 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN010352.D

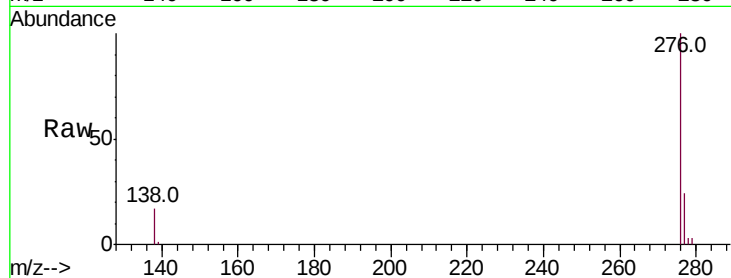
Acq: 27 Mar 2020 15:21

Instrument :

BNA_N

ClientSampleId :

PB127802BSD



Tot Ion:	276	Resp:	29011
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.6	29.4
138	17.4	13.3	19.9

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