

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010145.D
 Acq On : 09 Mar 2020 14:15
 Operator : CG/JU
 Sample : PB127320BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BSD

Manual Integrations
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Quant Time: Mar 09 17:11:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	667	0.40	ng	-0.04
7) Naphthalene-d8	10.14	136	2408	0.40	ng	-0.04
13) Acenaphthene-d10	14.01	164	1646	0.40	ng	-0.05
19) Phenanthrene-d10	16.78	188	3583	0.40	ng	-0.04
27) Chrysene-d12	21.00	240	3199	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3431	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	566	0.38	ng	-0.03
5) Phenol-d6	6.64	99	634	0.35	ng	0.00
8) Nitrobenzene-d5	8.59	82	639	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	1867	0.40	ng	-0.04
14) 2,4,6-Tribromophenol	15.56	330	227	0.36	ng	-0.03
15) 2-Fluorobiphenyl	12.65	172	2237	0.36	ng	-0.04
25) Fluoranthene-d10	18.83	212	4443	0.36	ng	-0.03
29) Terphenyl-d14	19.44	244	2800	0.37	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.05	88	320m	0.468	ng	Qvalue
3) n-Nitrosodimethylamine	3.43	42	354	0.316	ng	# 97
6) bis(2-Chloroethyl)ether	6.86	93	663m	0.378	ng	
9) Naphthalene	10.19	128	2547	0.388	ng	95
10) Hexachlorobutadiene	10.43	225	612	0.424	ng	# 98
12) 2-Methylnaphthalene	11.83	142	1750	0.389	ng	96
16) Acenaphthylene	13.73	152	2587	0.369	ng	98
17) Acenaphthene	14.08	154	1865	0.378	ng	99
18) Fluorene	15.09	166	2389	0.367	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	588m	0.180	ng	
21) Hexachlorobenzene	16.09	284	901	0.404	ng	98
22) Pentachlorophenol	16.48	266	193	0.437	ng	98
23) Phenanthrene	16.82	178	3802	0.357	ng	99
24) Anthracene	16.93	178	3148	0.349	ng	99
26) Fluoranthene	18.86	202	4484	0.351	ng	98
28) Pyrene	19.22	202	4602	0.379	ng	99
30) Benzo(a)anthracene	20.99	228	3668	0.346	ng	98
31) Chrysene	21.04	228	4526	0.369	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	1854	0.358	ng	100
33) Indeno(1,2,3-cd)pyrene	25.14	276	5182	0.405	ng	97
35) Benzo(b)fluoranthene	22.49	252	4415	0.352	ng	99
36) Benzo(k)fluoranthene	22.52	252	5335m	0.391	ng	
37) Benzo(a)pyrene	23.01	252	4296	0.375	ng	# 94
38) Dibenzo(a,h)anthracene	25.14	278	4105	0.364	ng	99
39) Benzo(g,h,i)perylene	25.76	276	4591	0.382	ng	98

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

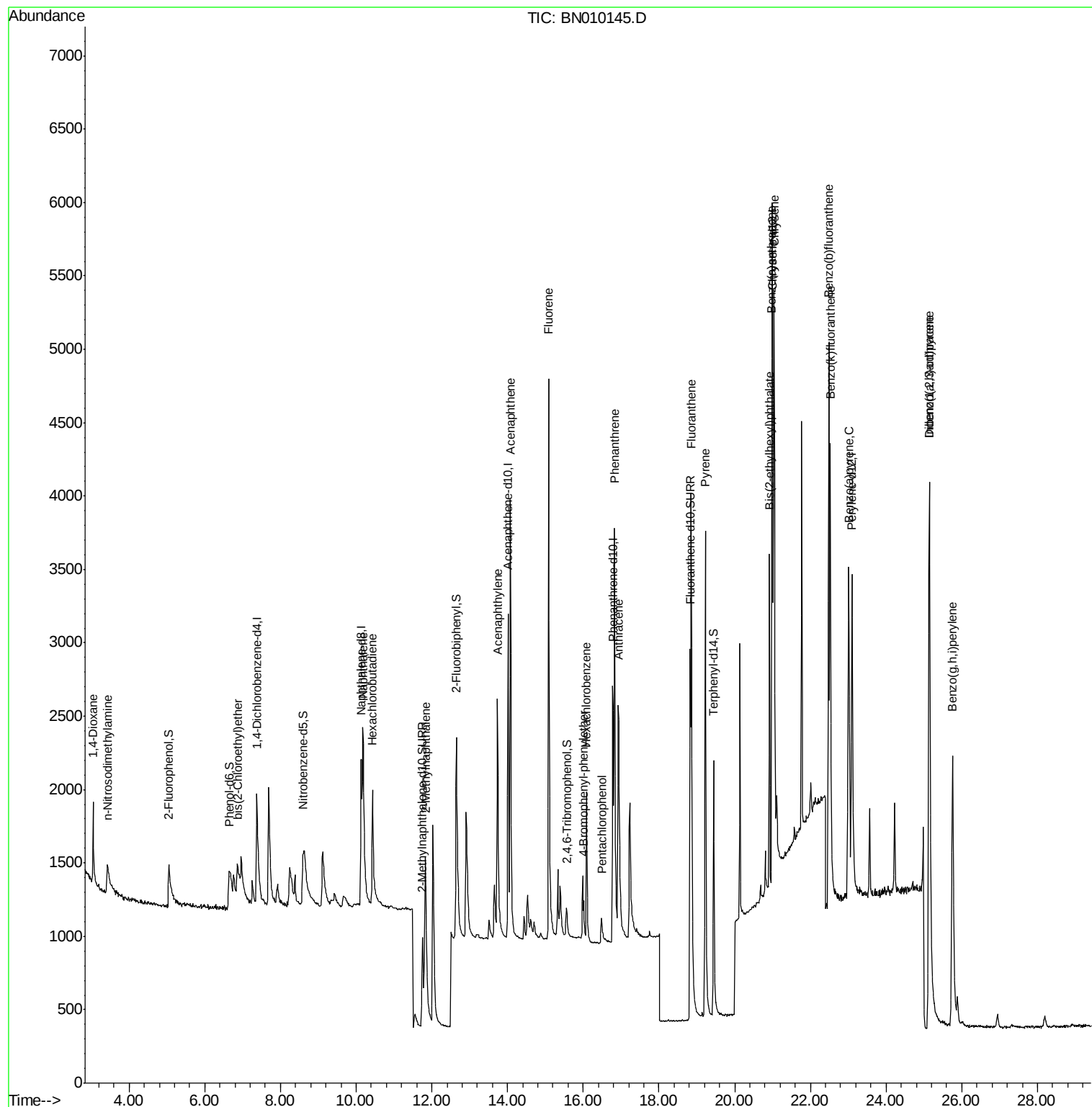
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010145.D
 Acq On : 09 Mar 2020 14:15
 Operator : CG/JU
 Sample : PB127320BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

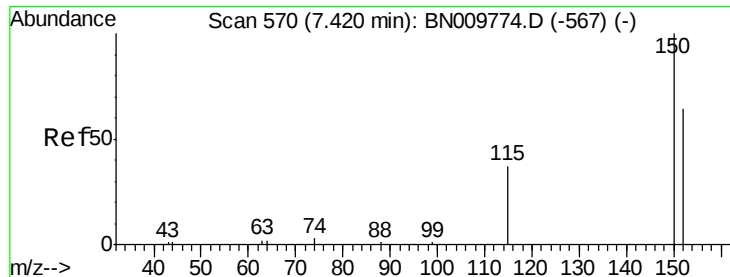
Instrument :
 BNA_N
 ClientSampleId :
 PB127320BSD

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Quant Time: Mar 09 17:11:42 2020
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#1

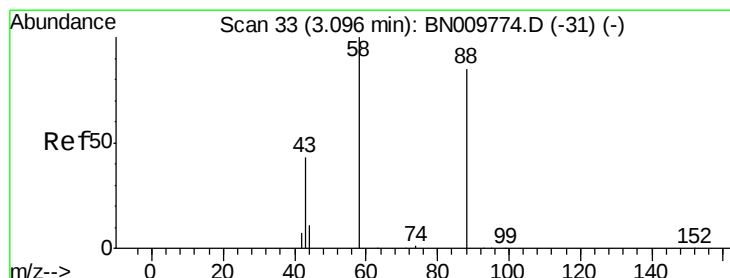
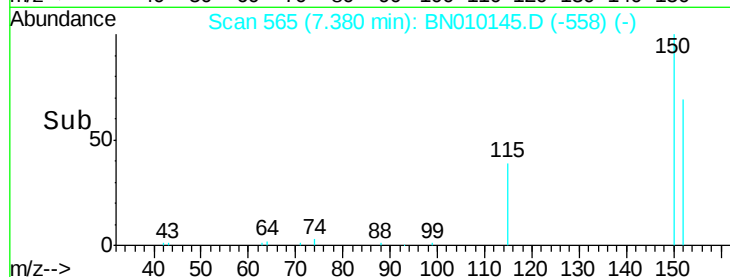
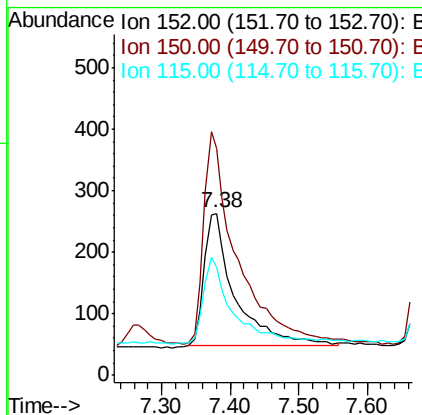
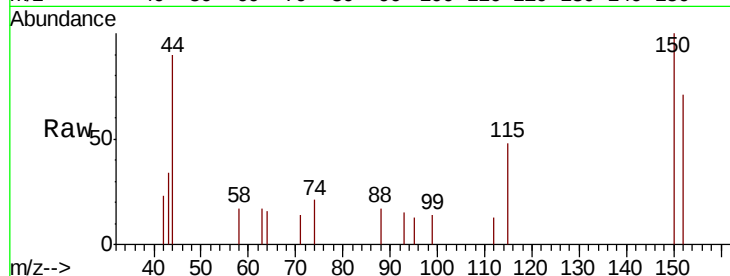
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	120.6	181.0
115	66.9	51.2	76.8

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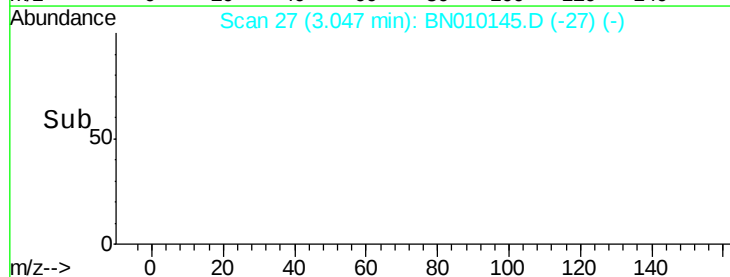
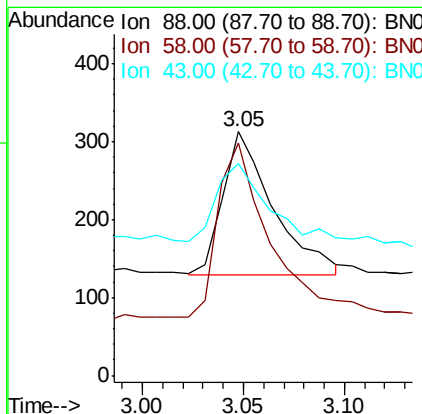
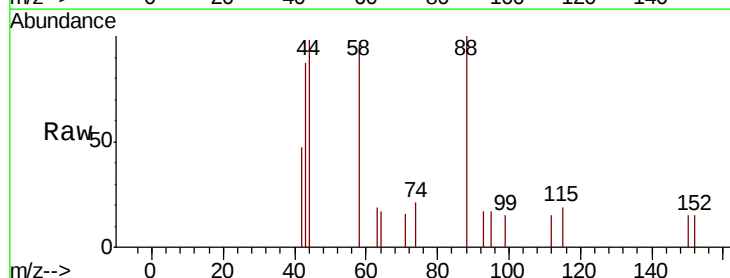
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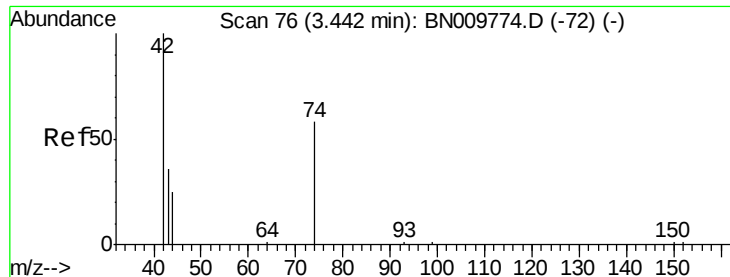


#2

1,4-Dioxane
Concen: 0.468 ng m
RT: 3.05 min Scan# 27
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#





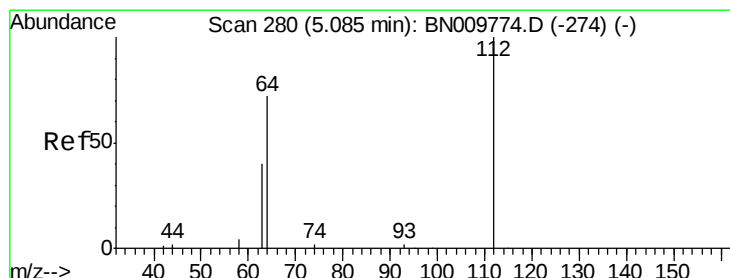
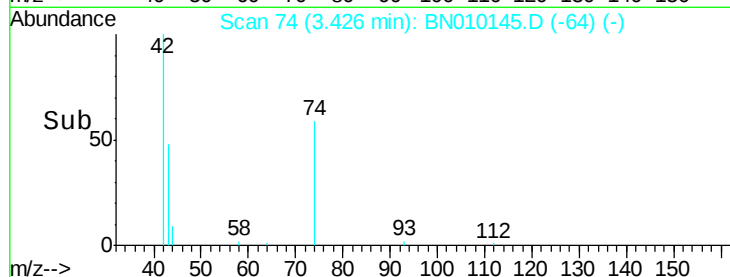
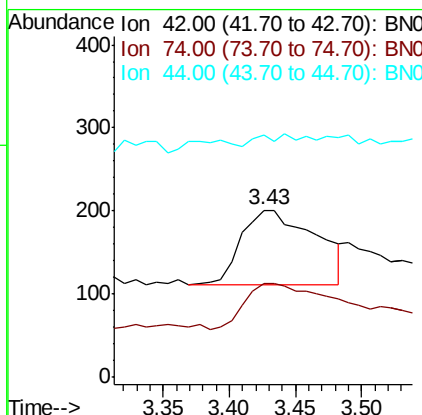
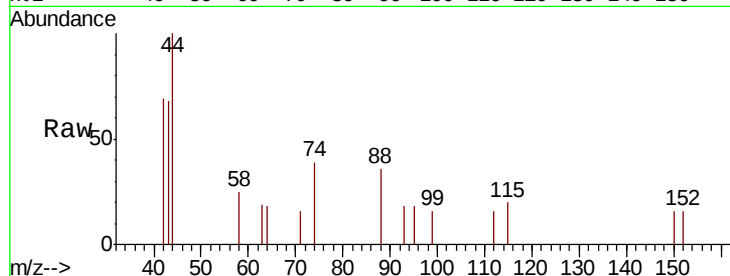
#3
n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.43 min Scan# 74
Delta R.T. -0.02 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	66.4	51.2	76.8
44	4.2	2.6	4.0#

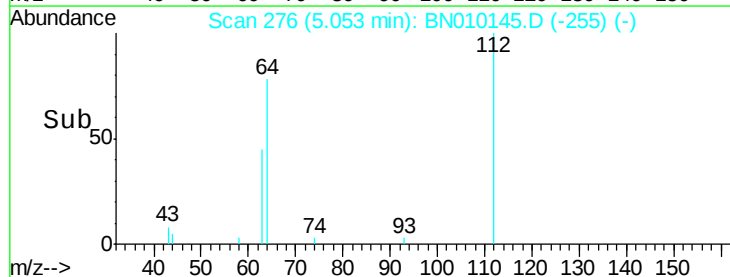
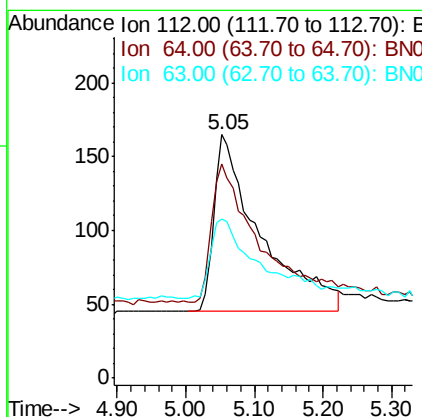
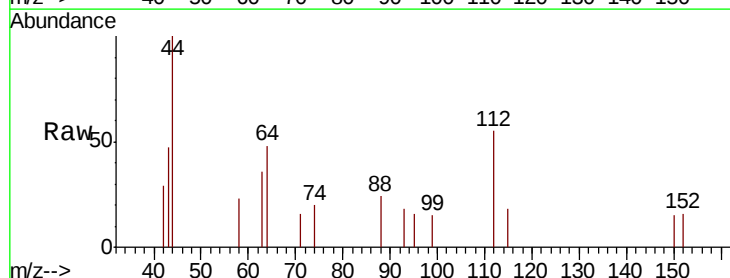
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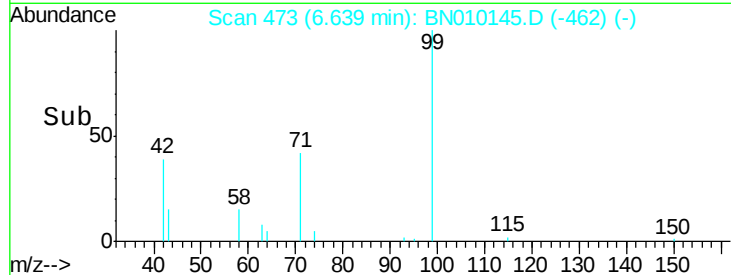
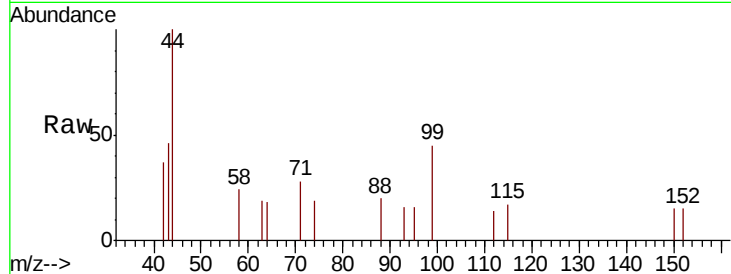
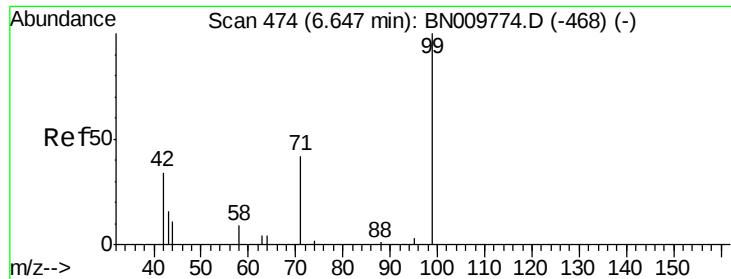
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#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.05 min Scan# 276
Delta R.T. -0.03 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.6	65.8	98.6
63	46.3	38.7	58.1





#5

Phenol-d6

Concen: 0.351 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Tot Ion:	99	Resp:	634
Ion	Ratio	Lower	Upper
99	100		
42	21.0	30.8	46.2#
71	0.0	34.9	52.3#

Instrument :

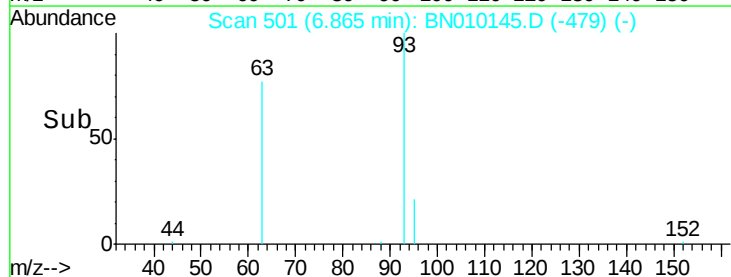
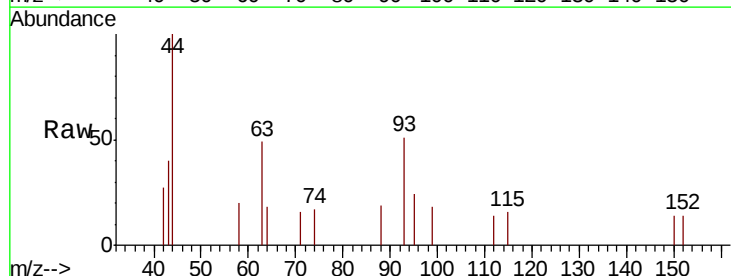
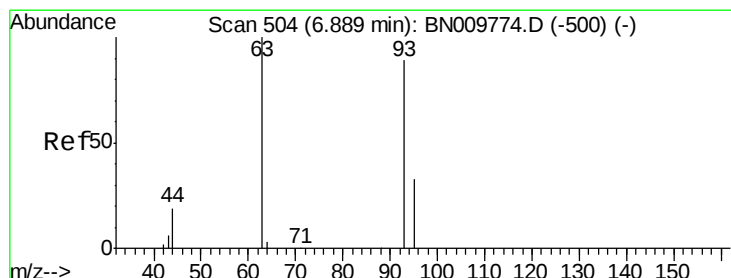
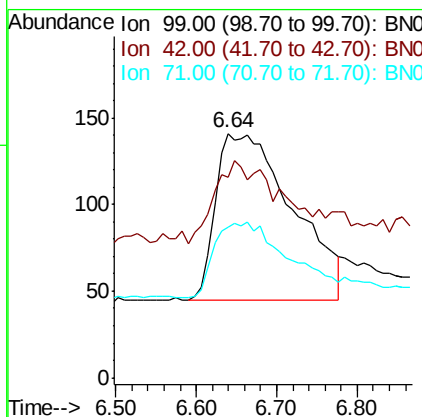
BNA_N

ClientSampleId :

PB127320BSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.378 ng m

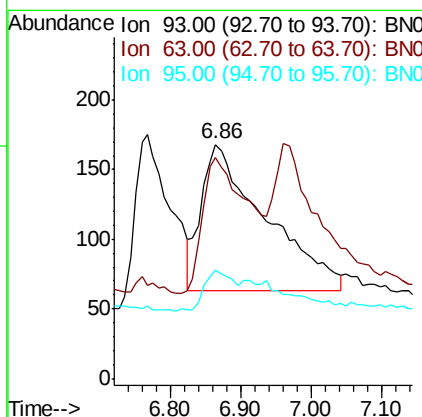
RT: 6.86 min Scan# 501

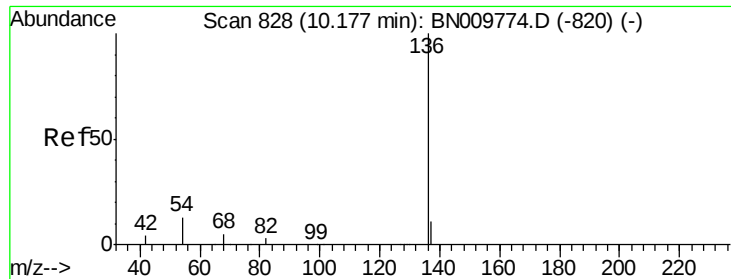
Delta R.T. -0.02 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Tgt Ion:	93	Resp:	663
Ion	Ratio	Lower	Upper
93	100		
63	67.9	74.0	111.0#
95	13.0	26.7	40.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.04 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

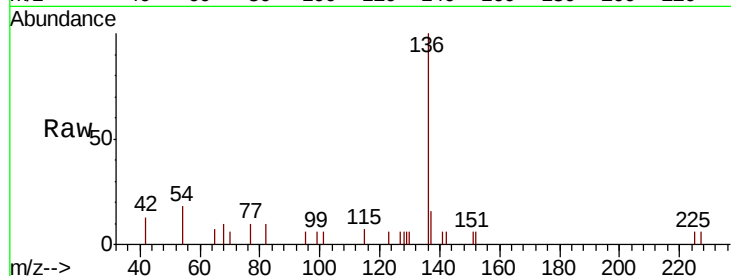
ClientSampleId :

PB127320BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	16.4	11.3	16.9
54	18.2	13.4	20.2
68	10.2	7.0	10.4

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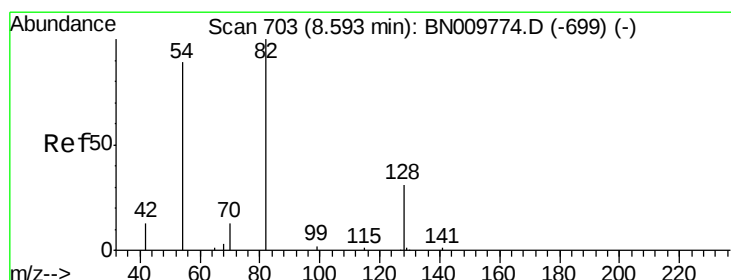
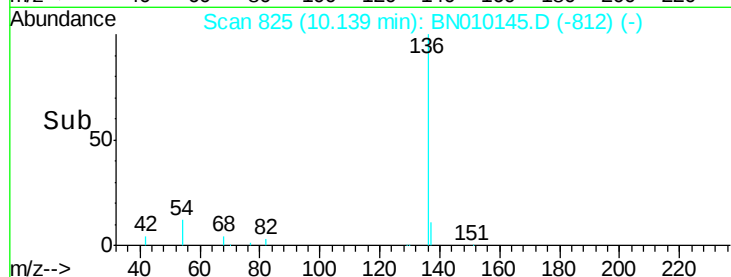
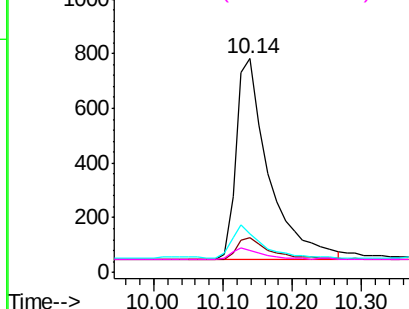


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.319 ng

RT: 8.59 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN010145.D

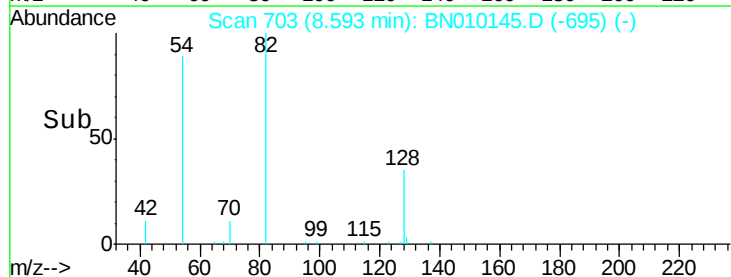
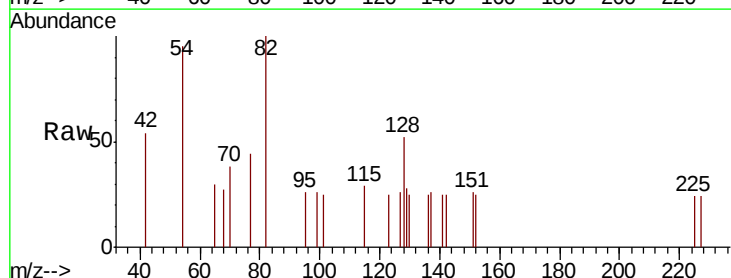
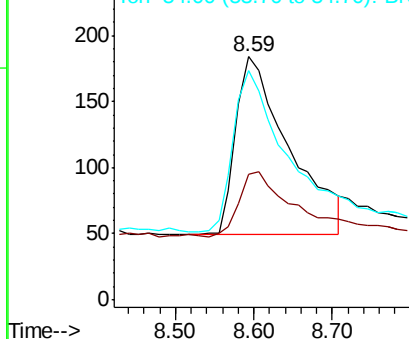
Acq: 09 Mar 2020 14:15

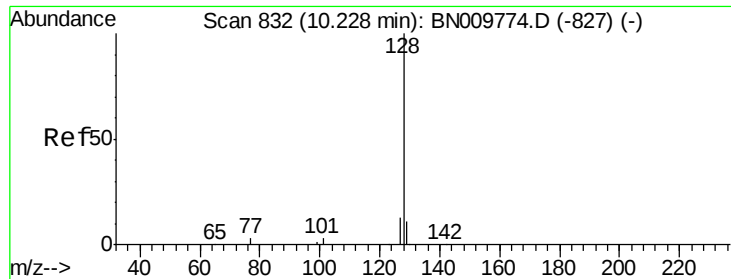
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.6	32.5	48.7#
54	94.6	73.5	110.3

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





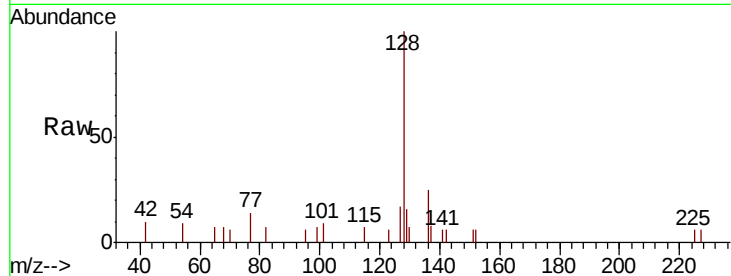
#9
Naphthalene
Concen: 0.388 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

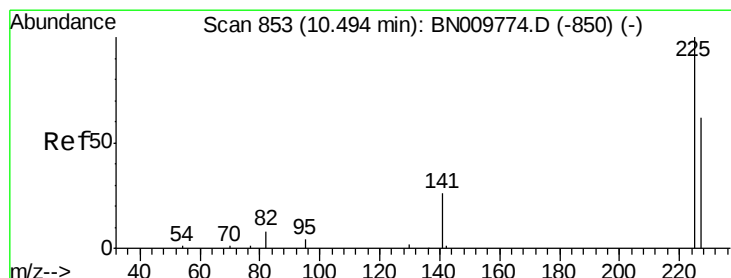
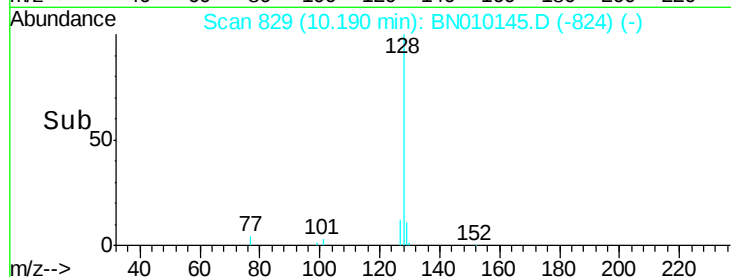
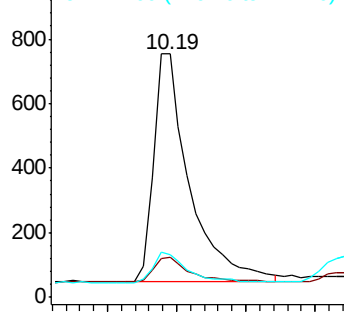
Tot Ion	Ratio	Lower	Upper
128	100		
129	16.4	11.1	16.7
127	17.4	12.6	19.0

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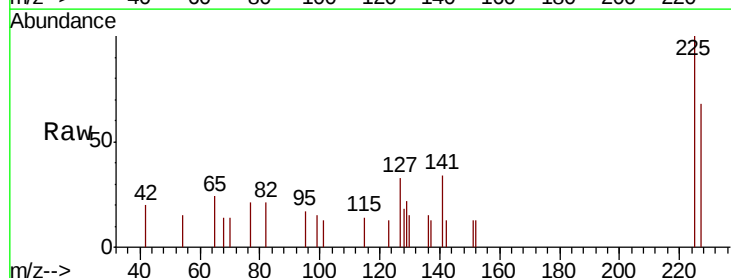


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

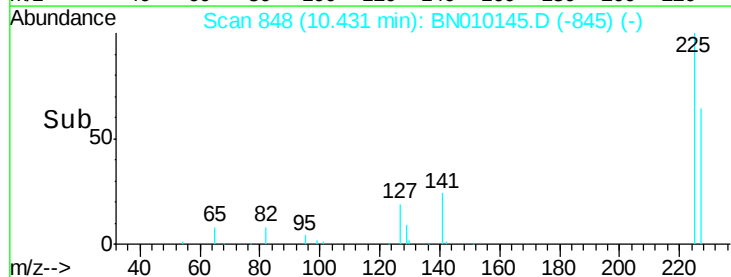
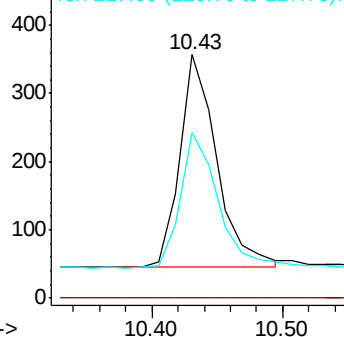


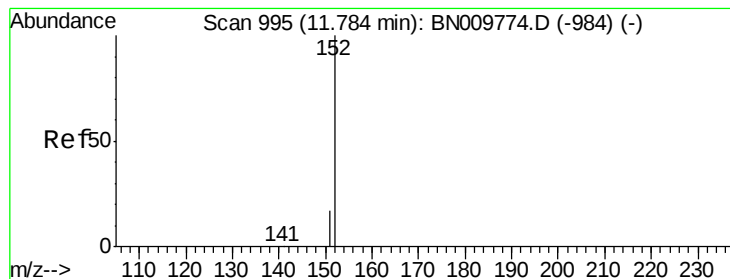
#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.5	53.4	80.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





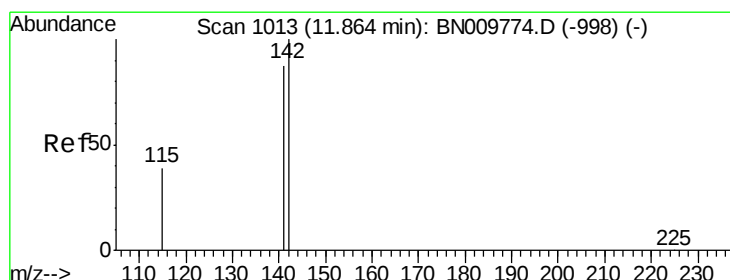
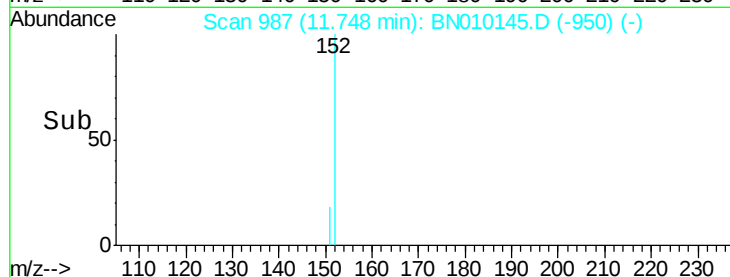
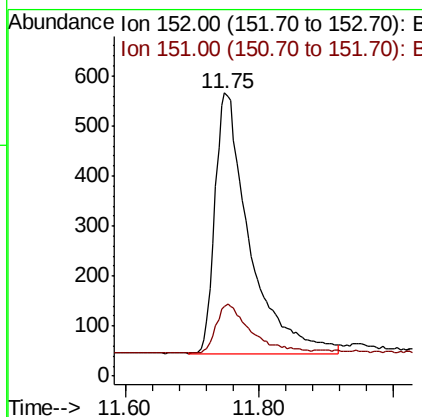
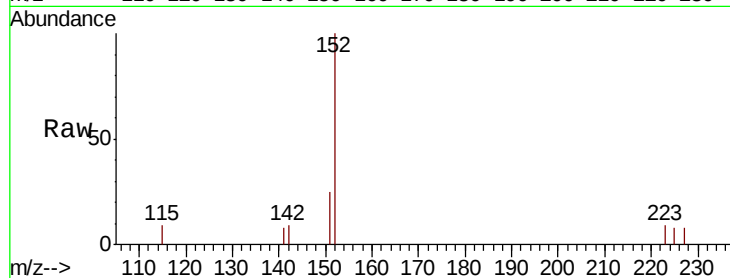
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

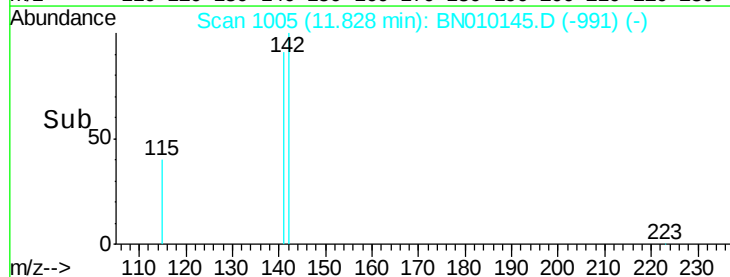
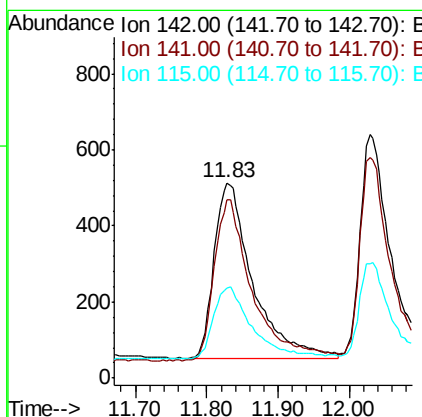
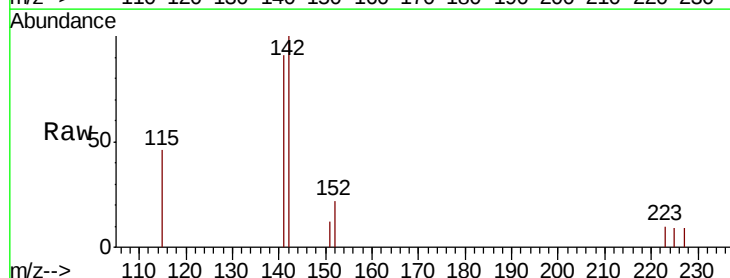
Manual Integrations
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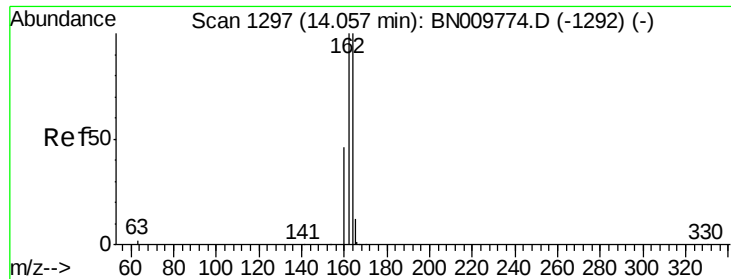
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#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.8	104.6
115	46.3	34.6	52.0





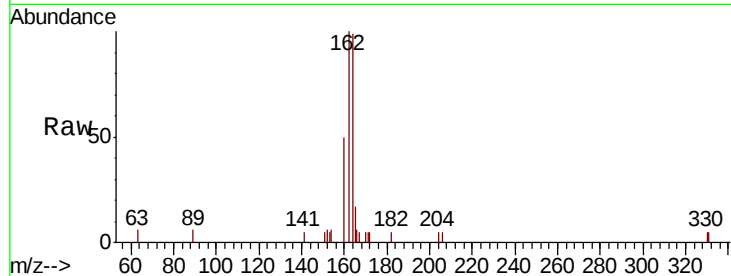
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Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

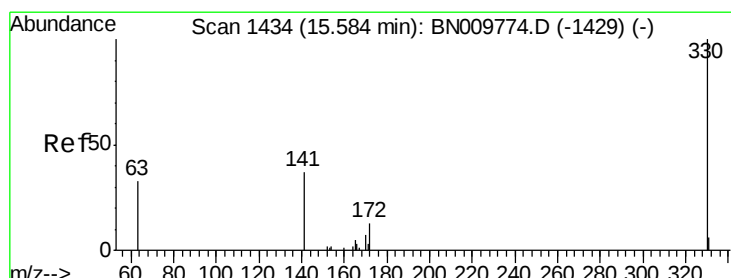
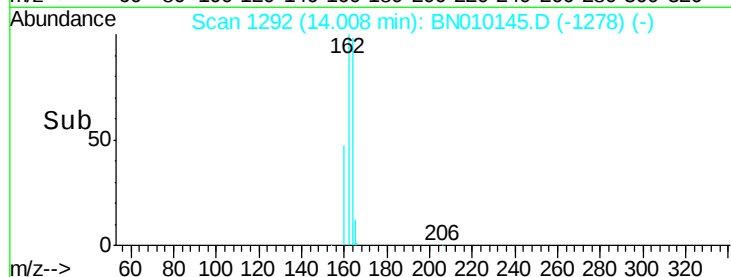
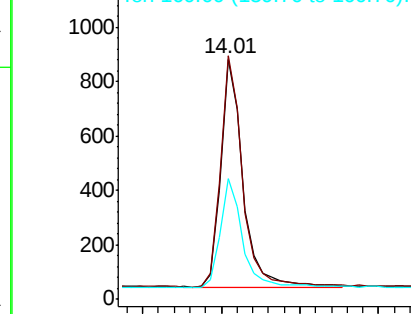
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	50.5	38.2	57.2

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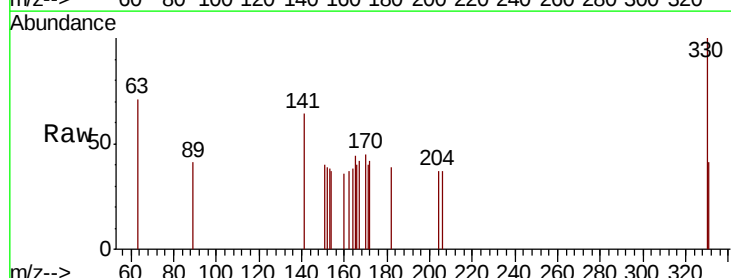


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

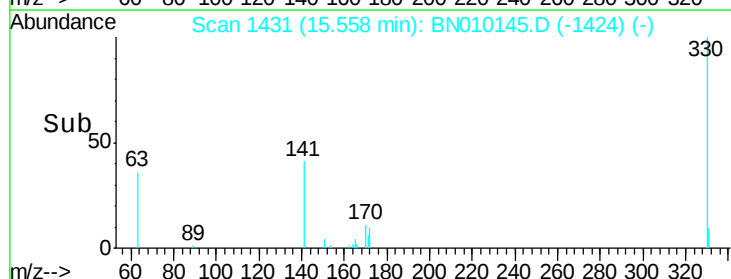
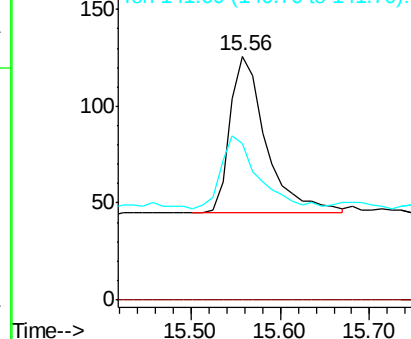


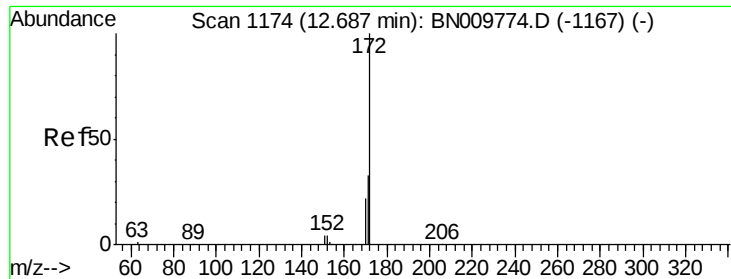
#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.56 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.5	36.8	55.2



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





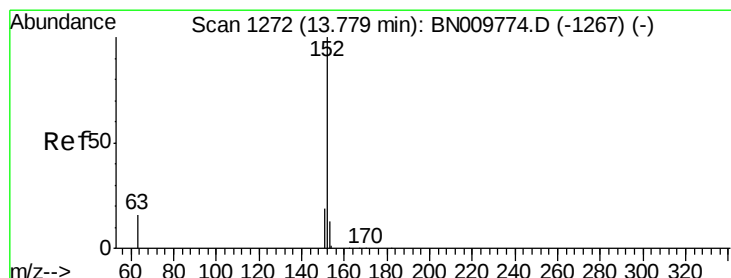
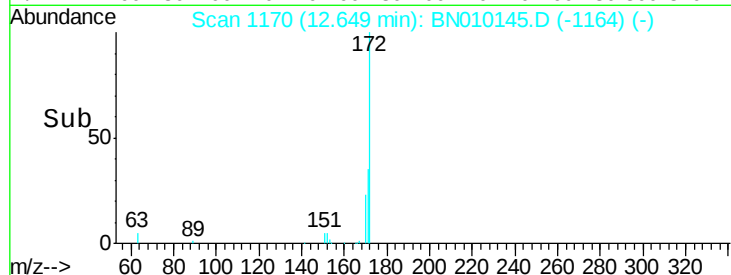
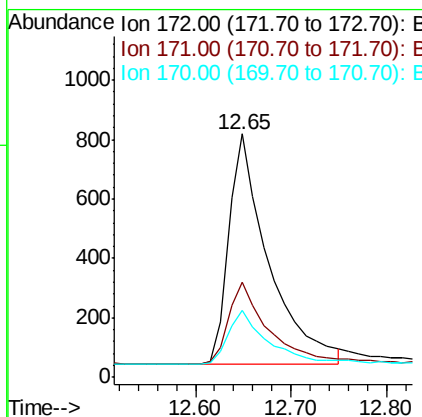
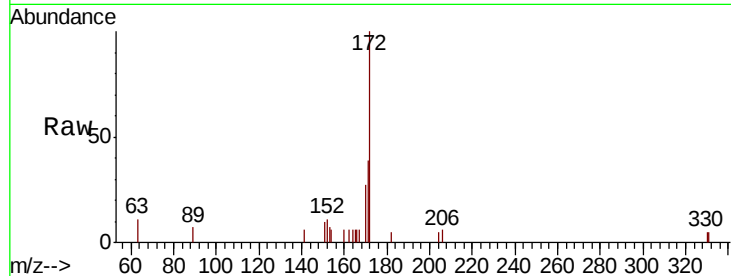
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampled :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.7	43.1
170	27.5	20.1	30.1

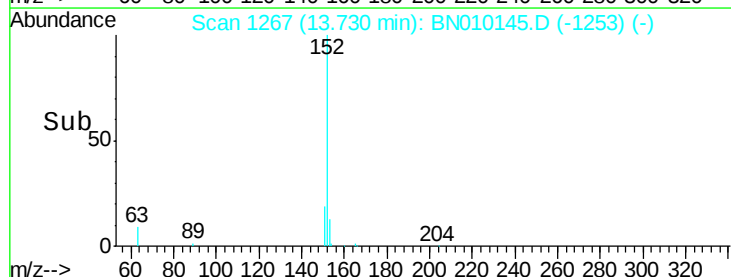
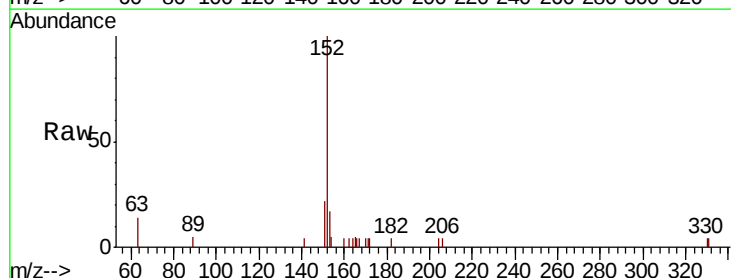
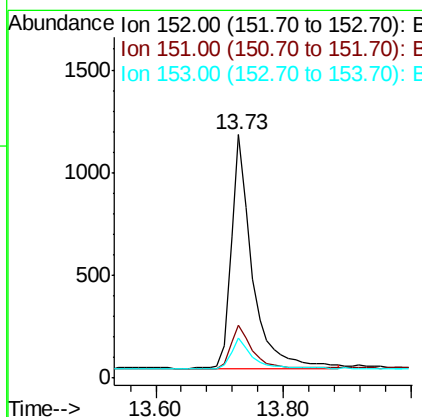
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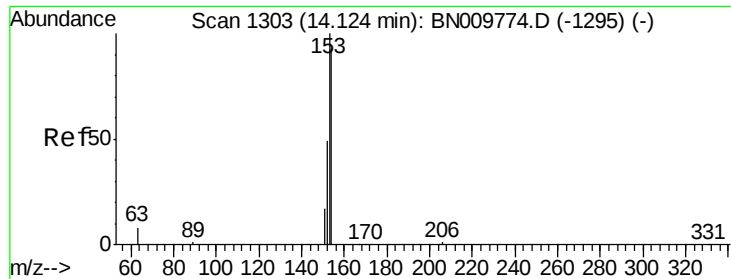
mohammad
3/10/2020 2:45:26 PM



#16
Acenaphthylene
Concen: 0.369 ng
RT: 13.73 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.6
153	12.5	10.2	15.4





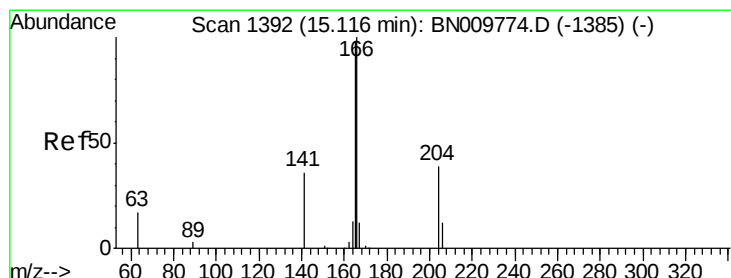
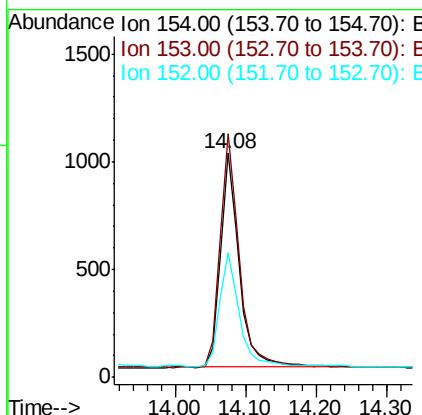
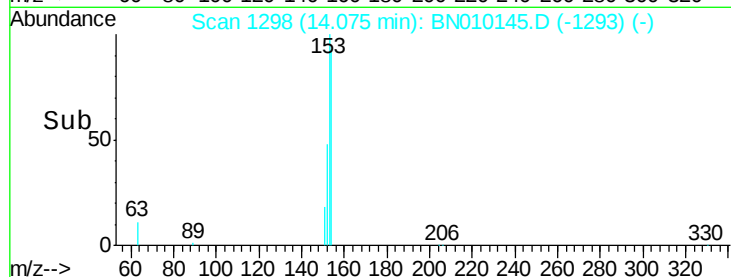
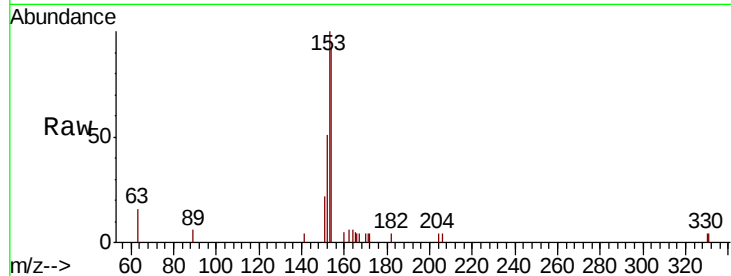
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.08 min Scan# 1298
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampled :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.9	133.3
152	55.4	44.2	66.2

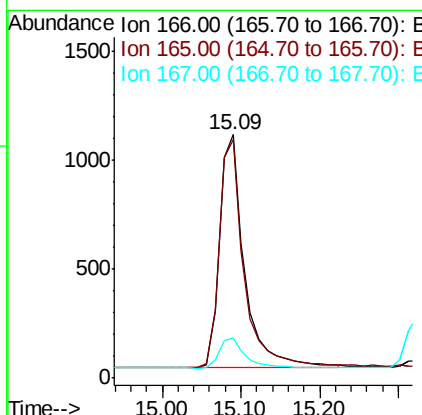
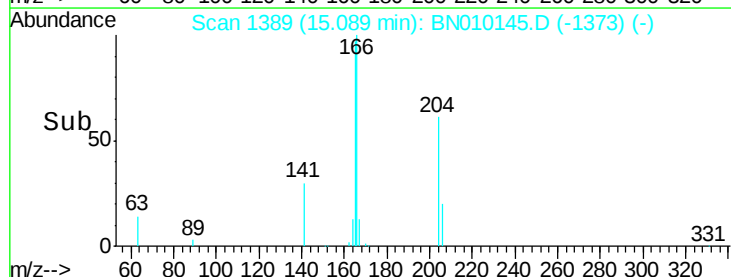
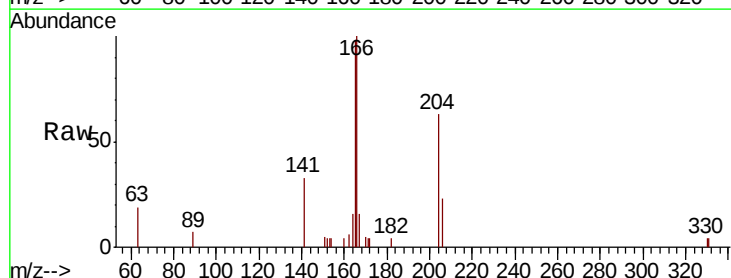
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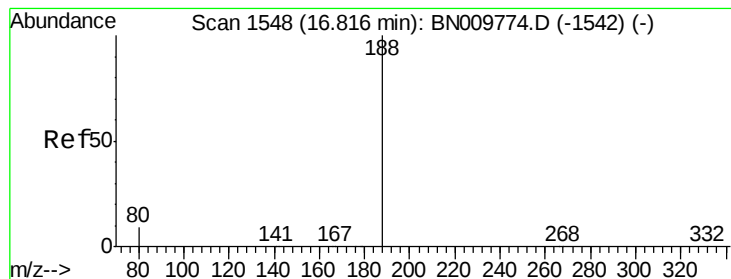
mohammad
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#18
Fluorene
Concen: 0.367 ng
RT: 15.09 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.2	115.8
167	13.9	10.5	15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

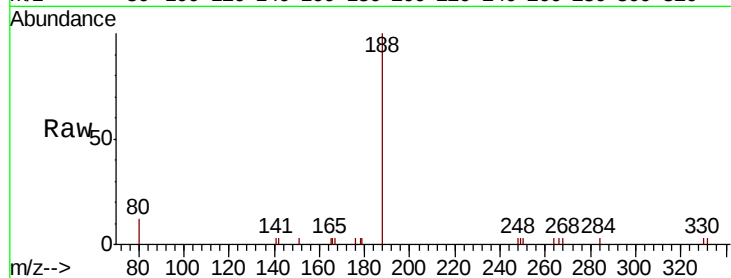
ClientSampleId :

PB127320BSD

Tot Ion:	188	Resp:	3583
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.9	8.3	12.5

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.78

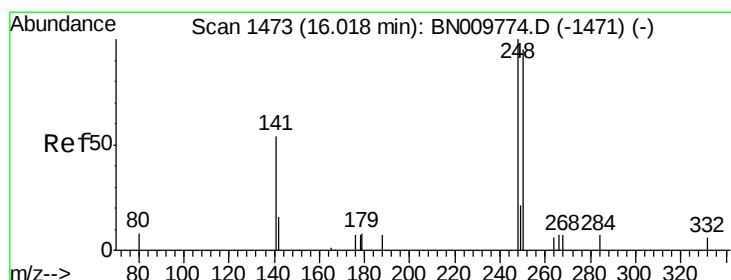
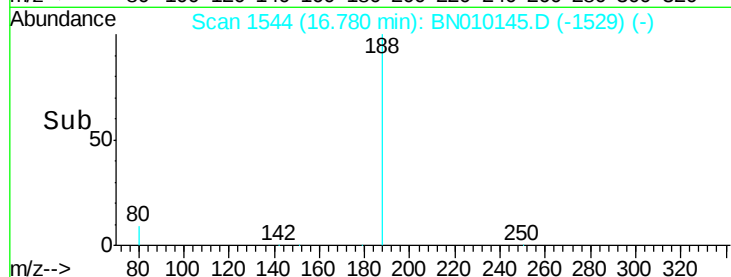
1500

1000

500

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.180 ng m

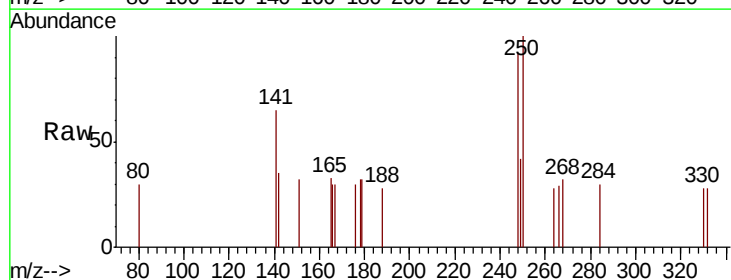
RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Tgt Ion:	248	Resp:	588
Ion Ratio	Lower	Upper	
248	100		
250	109.0	76.2	114.4
141	71.0	57.8	86.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.01

400

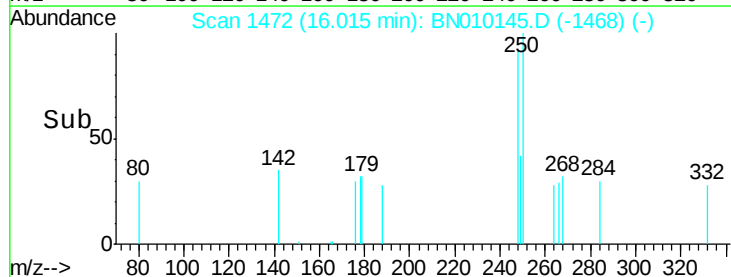
300

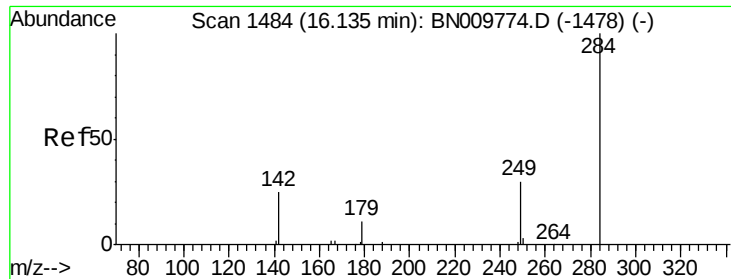
200

100

0

Time-->





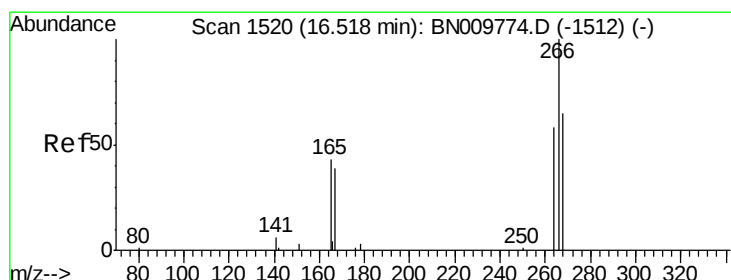
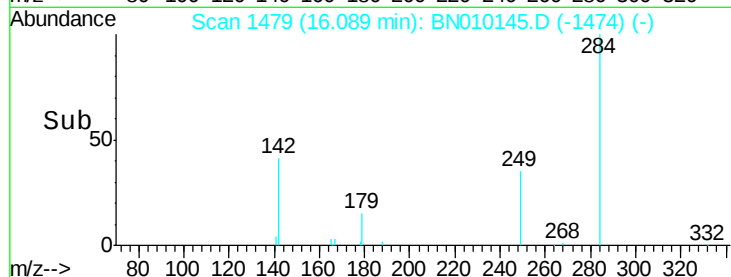
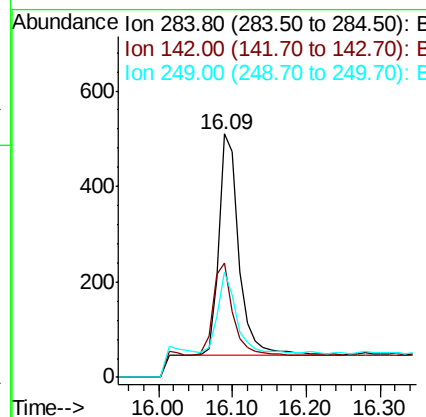
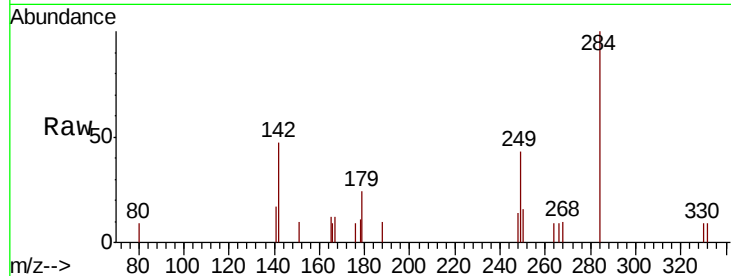
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.09 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion:	284	Resp:	901
Ion Ratio	Lower	Upper	
284	100		
142	39.7	33.3	49.9
249	32.7	25.7	38.5

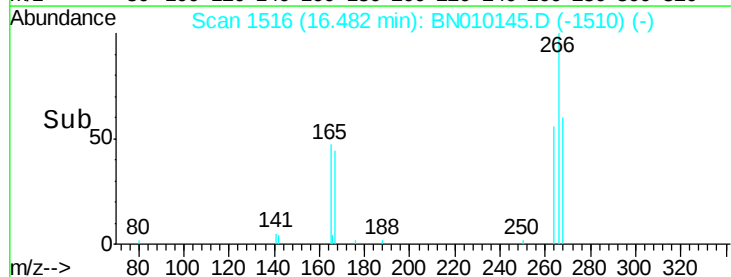
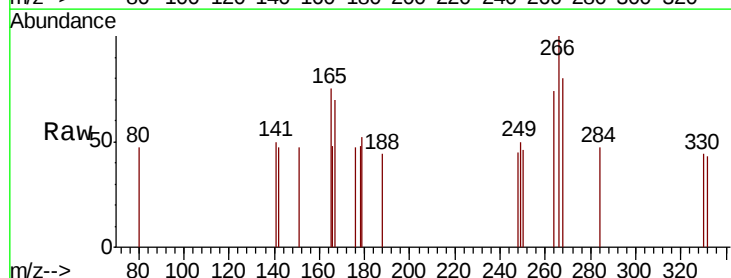
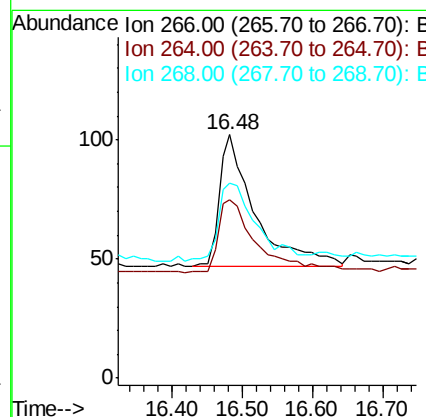
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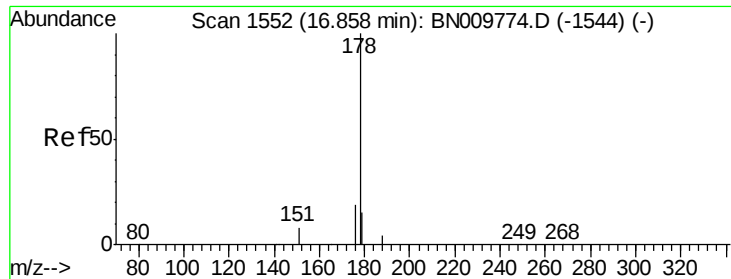
mohammad
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#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion:	266	Resp:	193
Ion Ratio	Lower	Upper	
266	100		
264	73.5	58.1	87.1
268	80.4	65.7	98.5





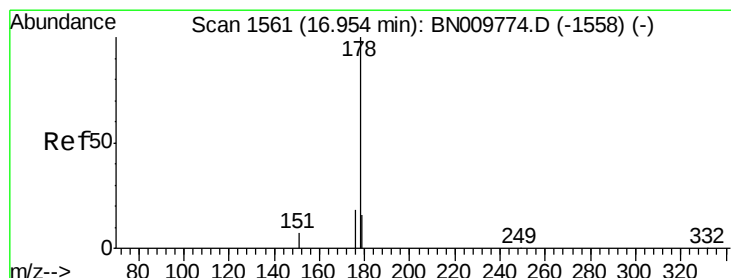
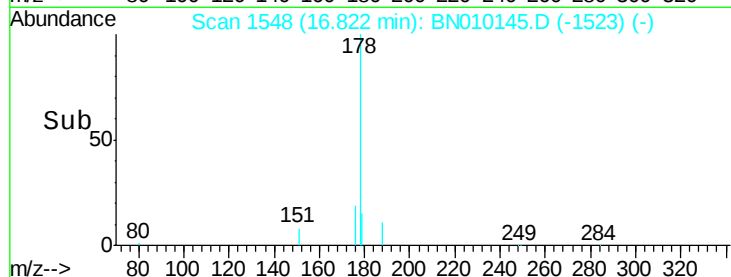
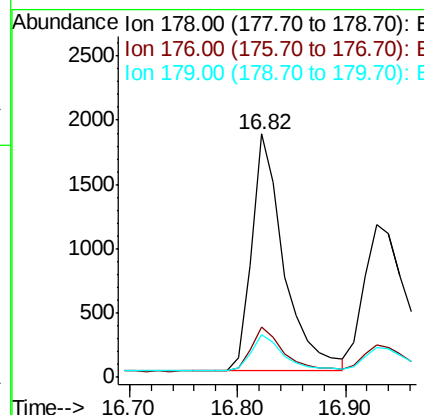
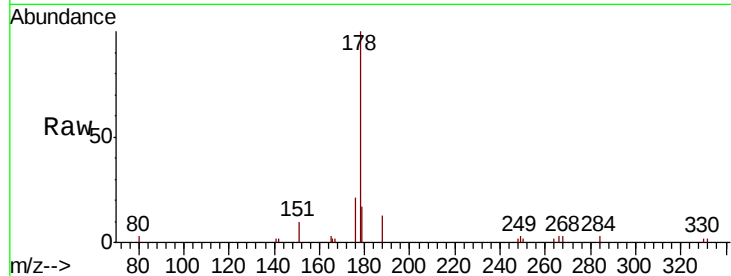
#23
Phenanthrene
Concen: 0.357 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.4	18.6

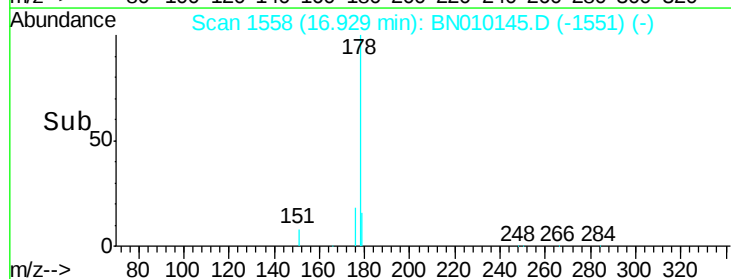
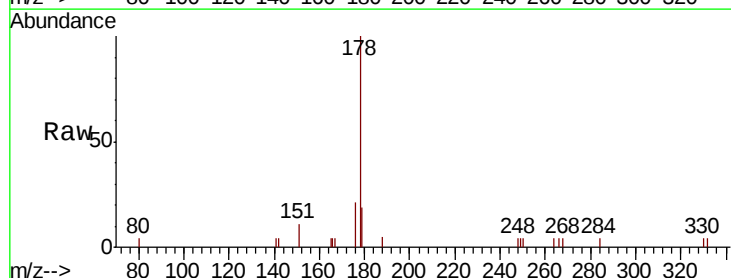
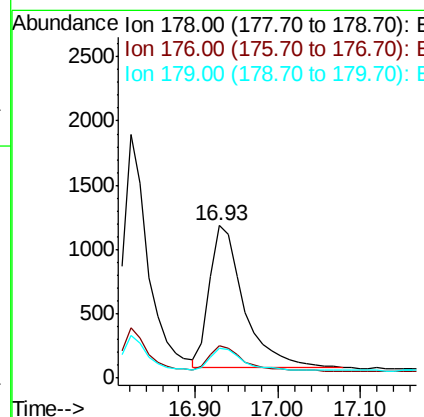
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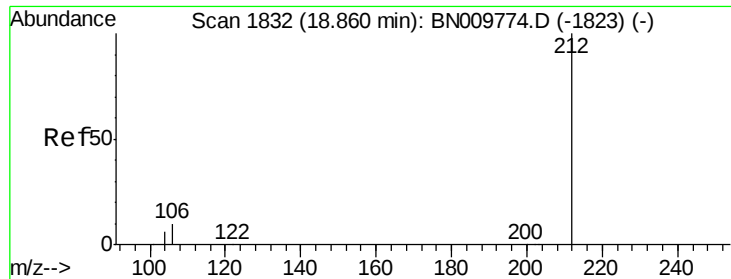
mohammad
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#24
Anthracene
Concen: 0.349 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.03 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.1	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 18.83 min Scan# 1824

Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

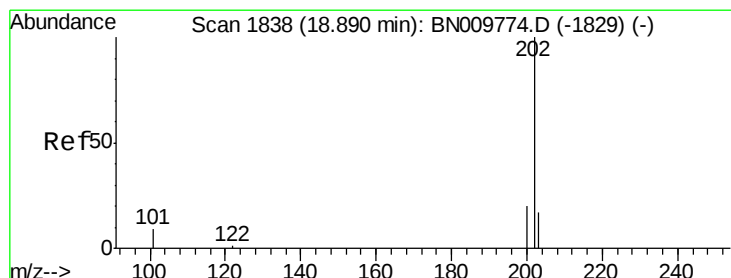
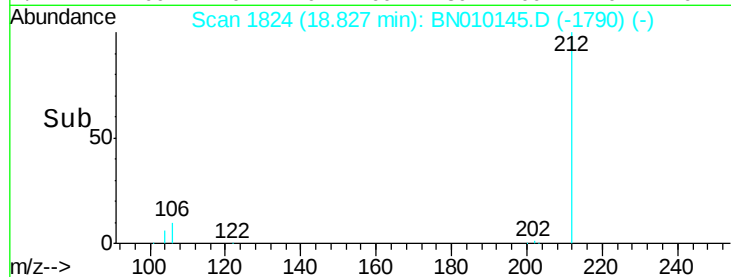
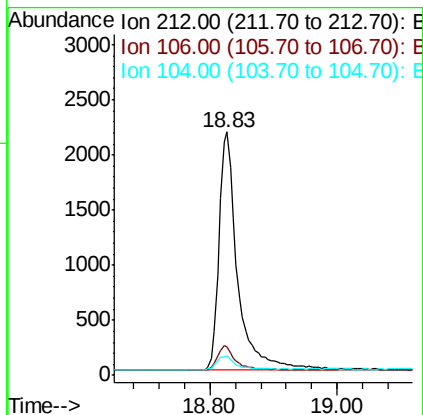
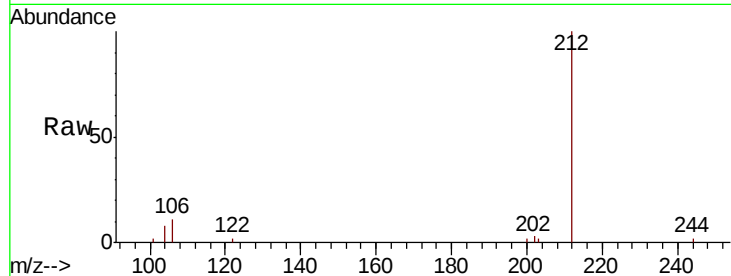
ClientSampleId :

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Tot Ion:	212	Resp:	4443
Ion Ratio	Lower	Upper	
212	100		
106	9.5	8.4	12.6
104	5.6	4.8	7.2

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#26

Fluoranthene

Concen: 0.351 ng

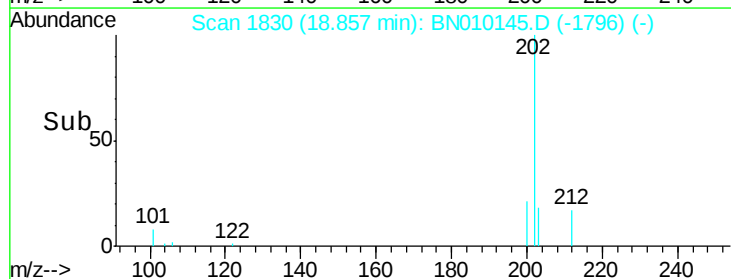
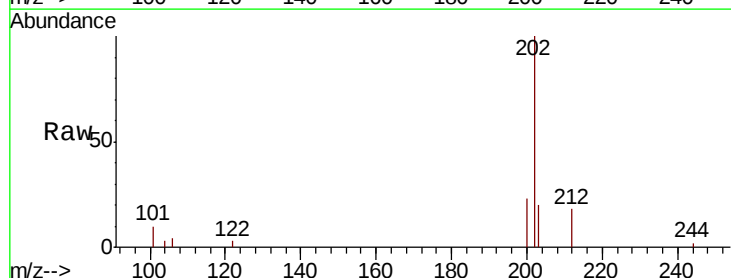
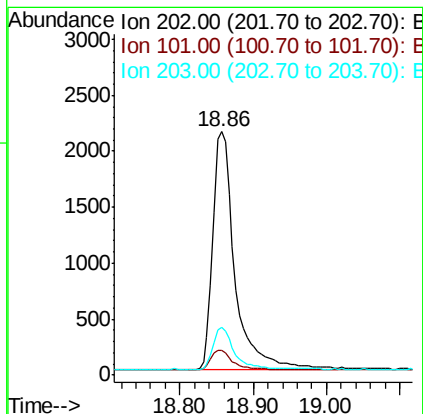
RT: 18.86 min Scan# 1830

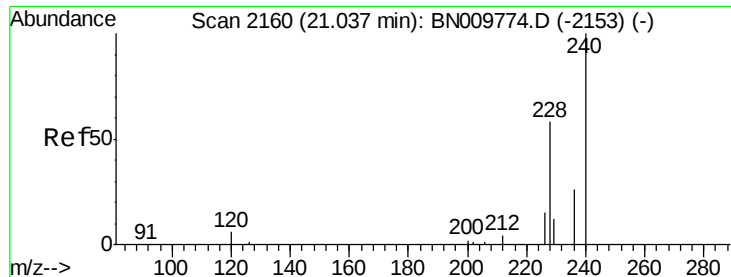
Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Tgt Ion:	202	Resp:	4484
Ion Ratio	Lower	Upper	
202	100		
101	8.1	7.1	10.7
203	16.5	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

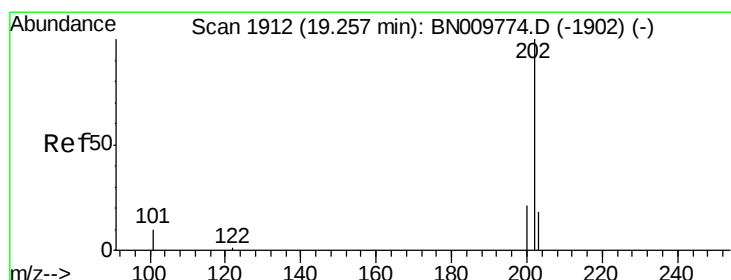
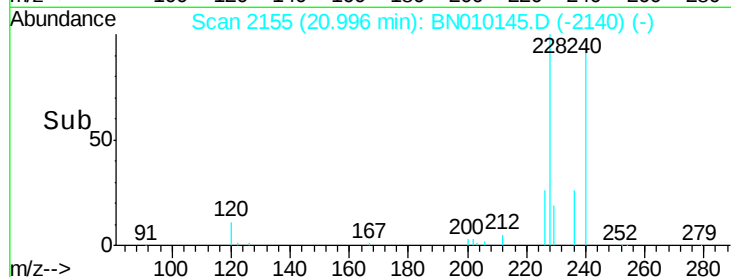
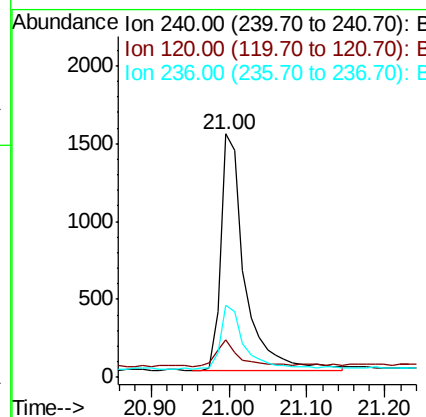
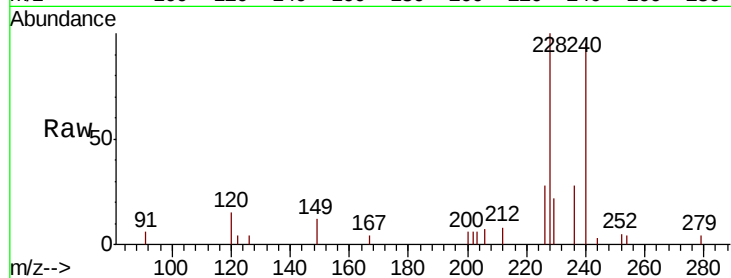
ClientSampleId :

PB127320BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	7.9	11.9#
236	29.6	22.0	33.0

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#28

Pyrene

Concen: 0.379 ng

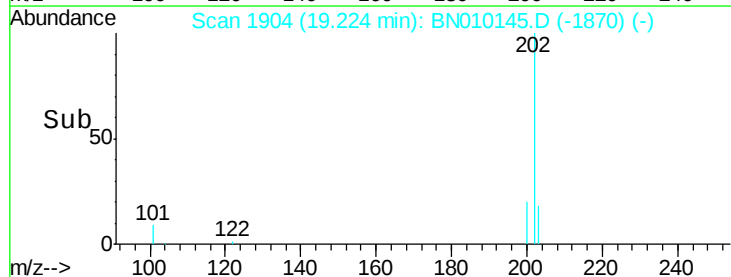
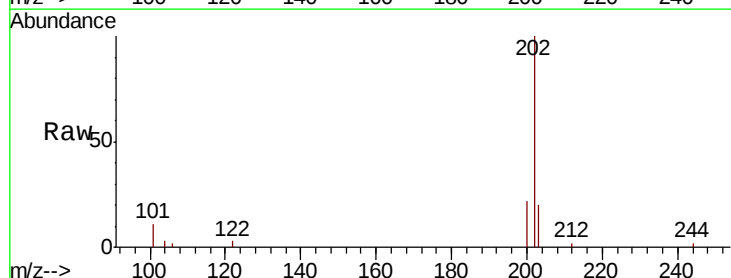
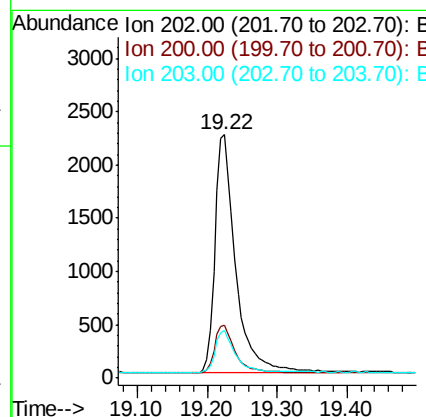
RT: 19.22 min Scan# 1904

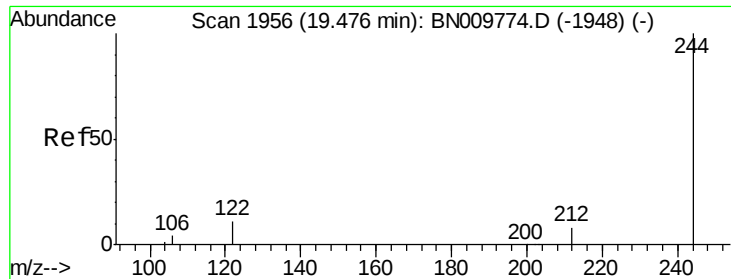
Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.4	24.6
203	17.2	13.9	20.9





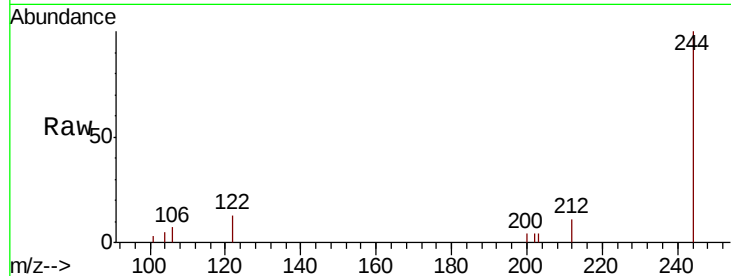
#29
 Terphenyl-d14
 Concen: 0.366 ng
 RT: 19.44 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.0	12.0
122	13.3	10.0	15.0

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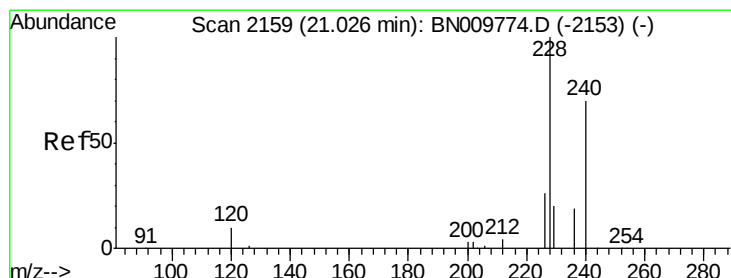
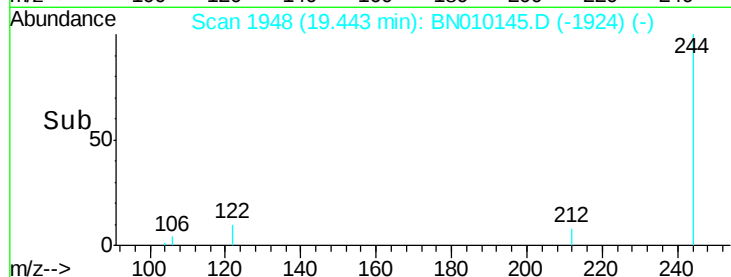
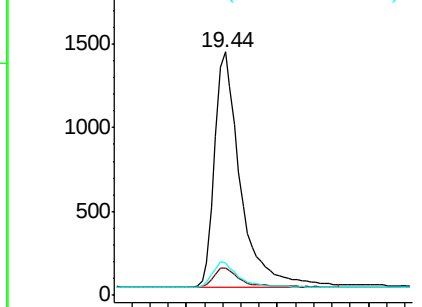


Abundance

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: 0.346 ng
 RT: 20.99 min Scan# 2154
 Delta R.T. -0.04 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

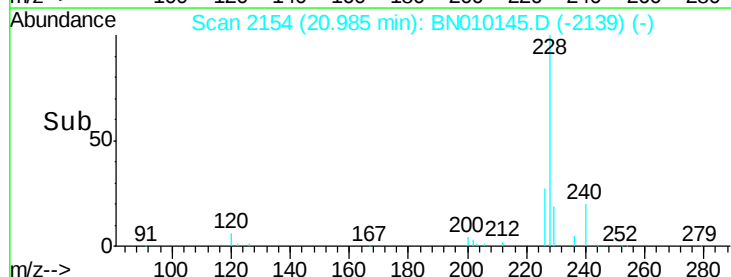
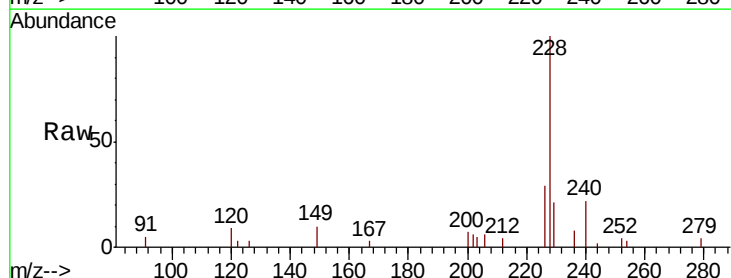
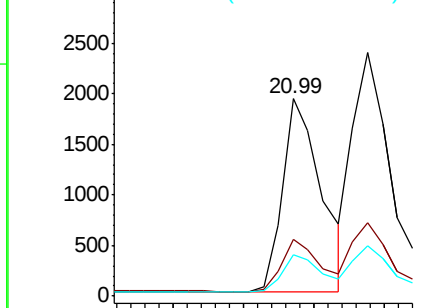
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.8
229	21.1	17.1	25.7

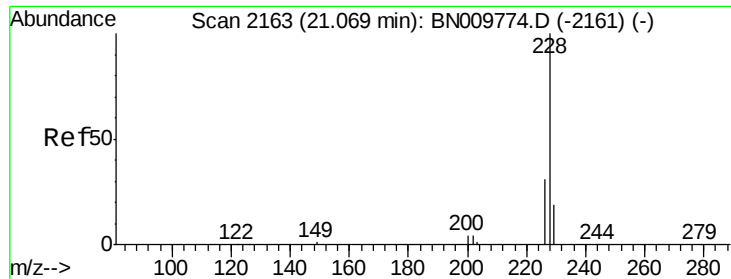
Abundance

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





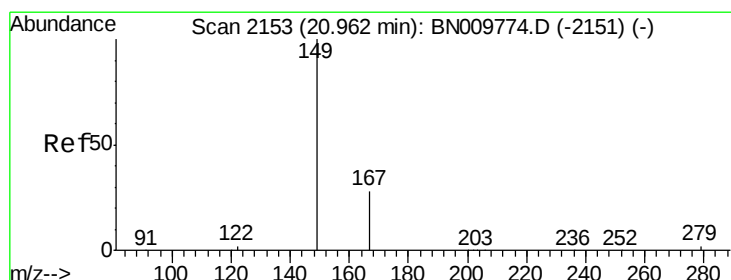
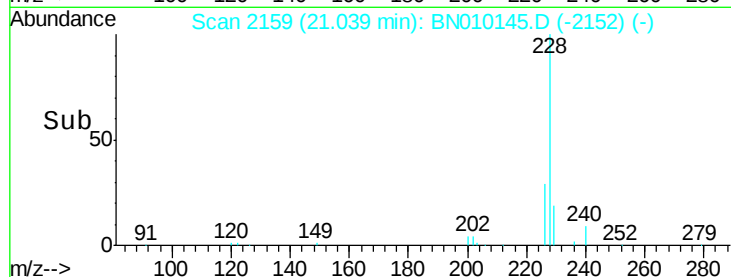
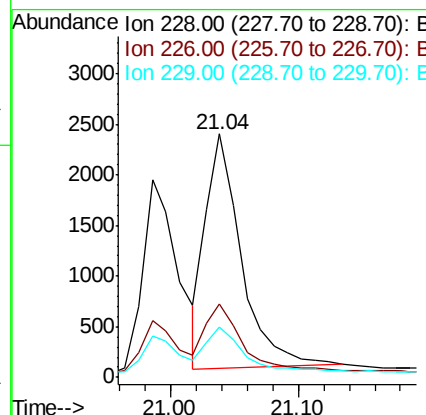
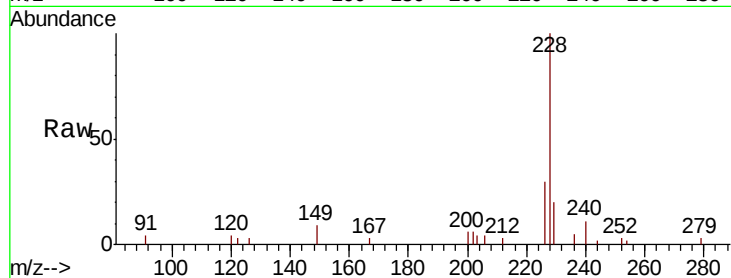
#31
Chrysene
Concen: 0.369 ng
RT: 21.04 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	20.5	16.4	24.6

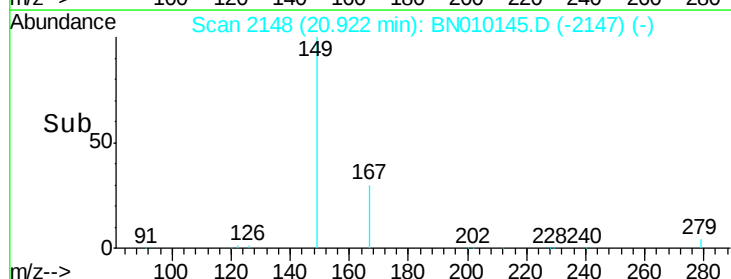
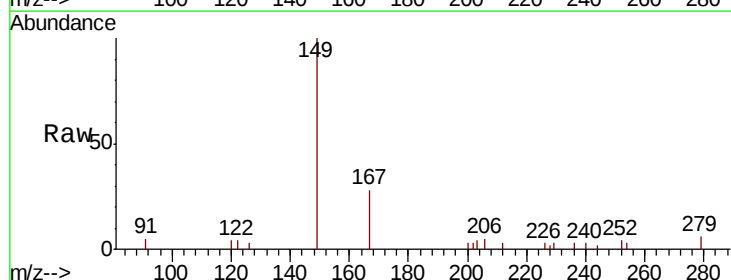
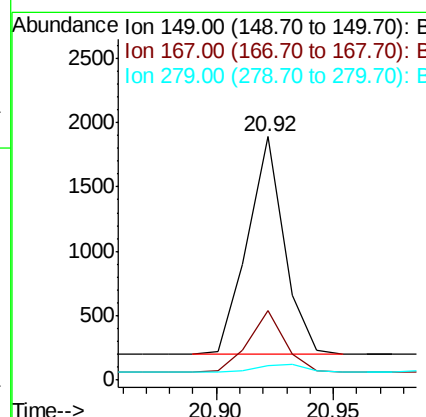
Manual Integrations
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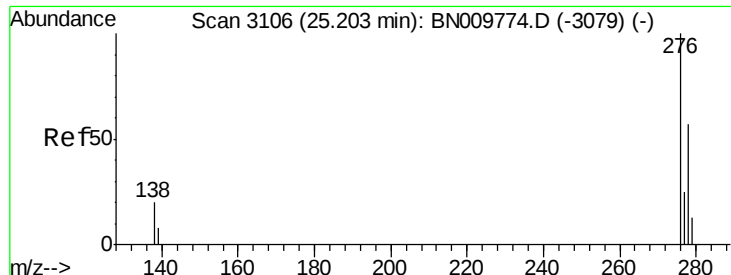
mohammad
3/10/2020 2:45:26 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 20.92 min Scan# 2148
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.7	34.1
279	4.3	3.1	4.7





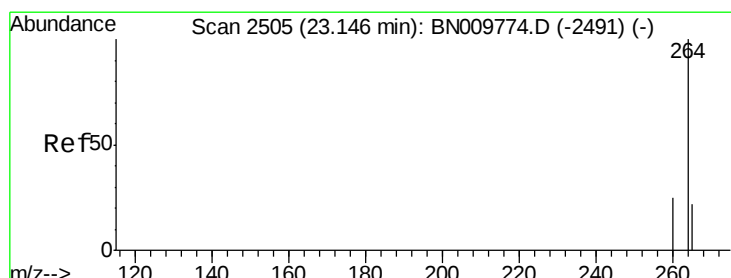
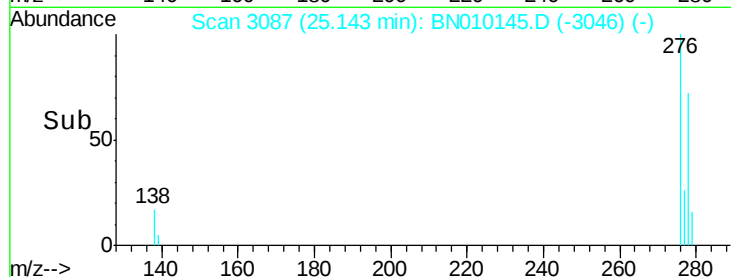
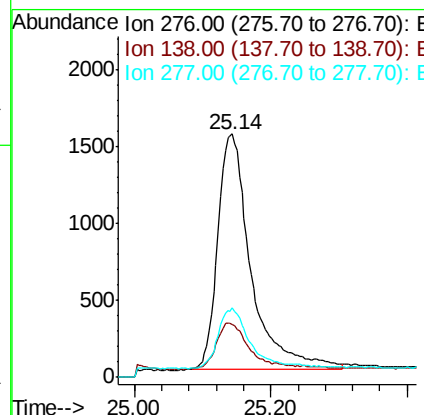
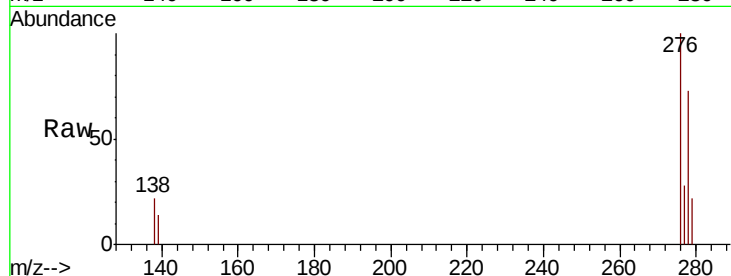
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 25.14 min Scan# 3087
Delta R.T. -0.06 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.8	23.6
277	23.0	19.3	28.9

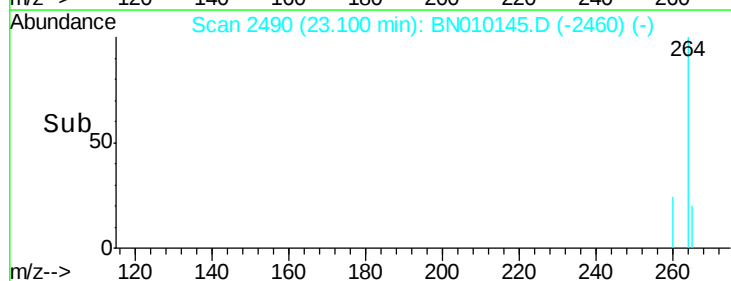
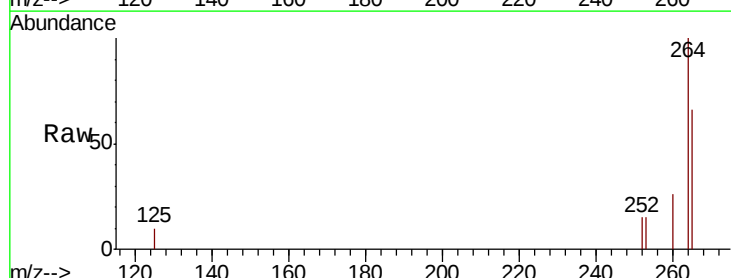
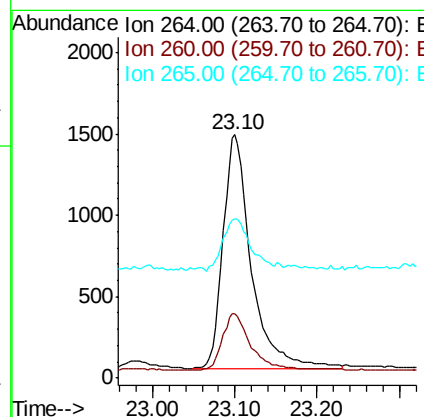
Manual Integrations
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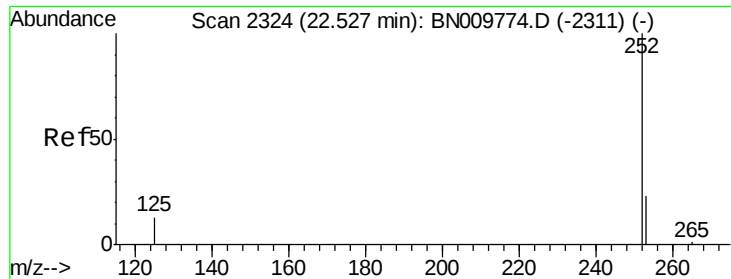
mohammad
3/10/2020 2:45:26 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2490
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	65.6	57.5	86.3





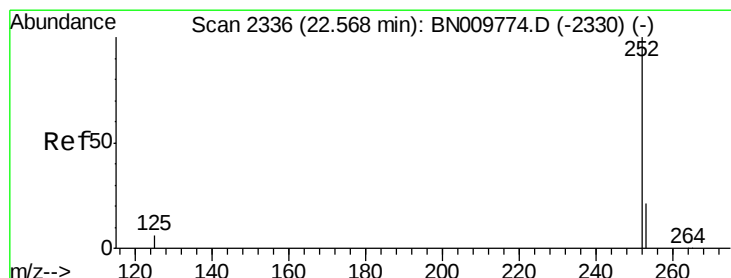
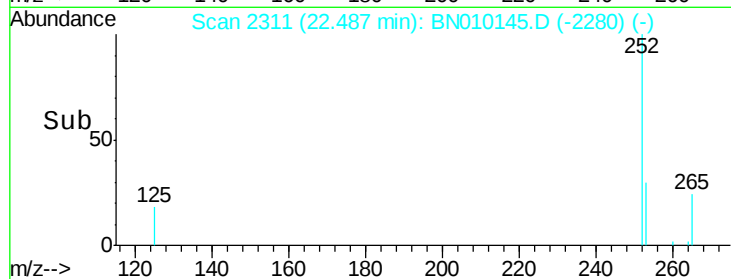
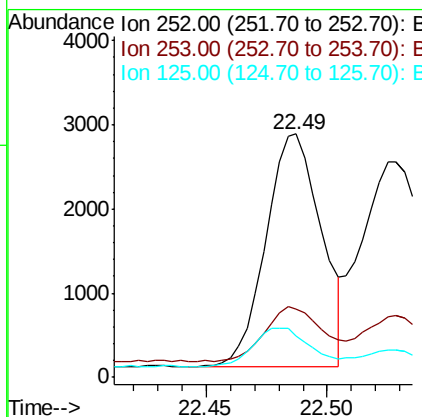
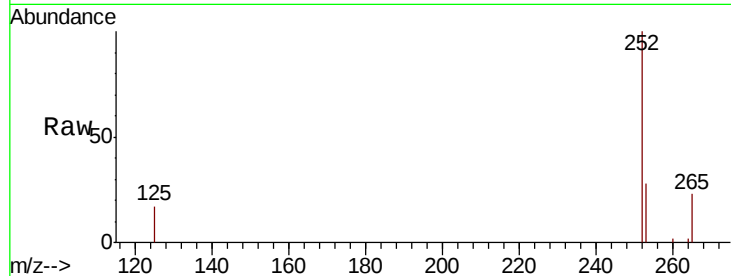
#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.49 min Scan# 2311
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	23.0	34.6
125	17.2	14.4	21.6

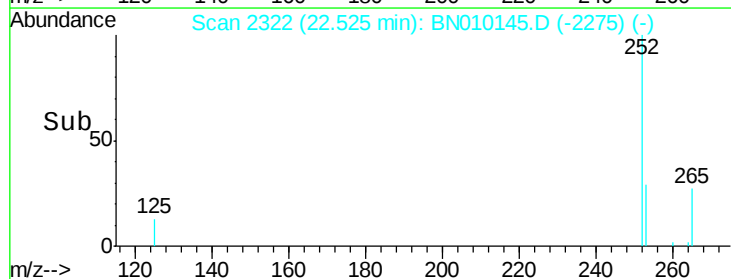
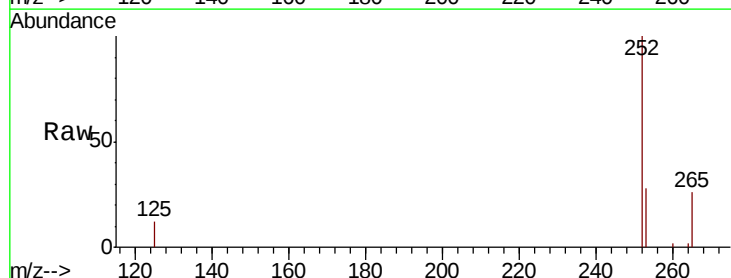
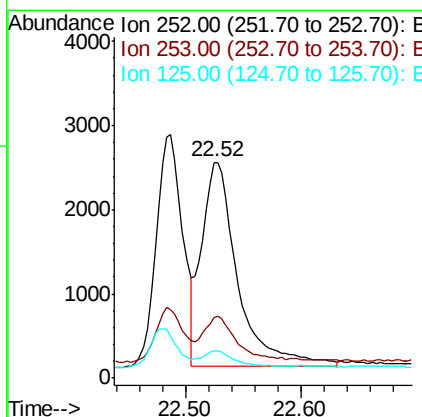
Manual Integrations
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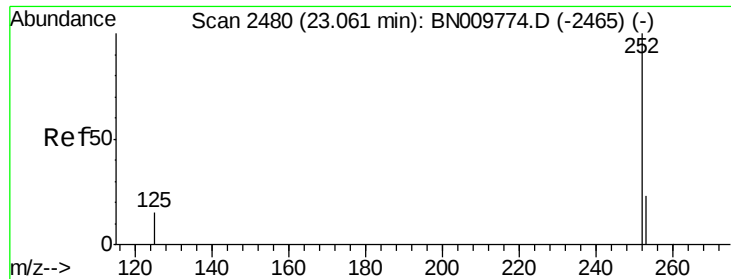
mohammad
3/10/2020 2:45:26 PM



#36
Benzo(k)fluoranthene
Concen: 0.391 ng m
RT: 22.52 min Scan# 2322
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.2	33.2
125	12.5	10.5	15.7





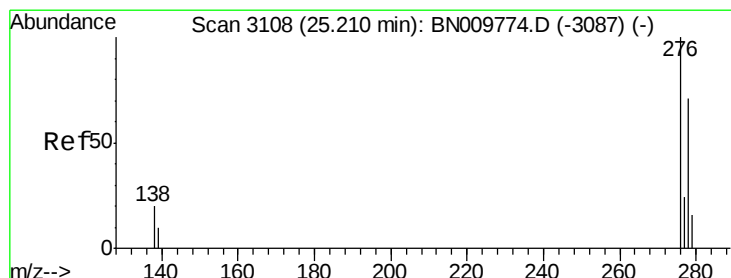
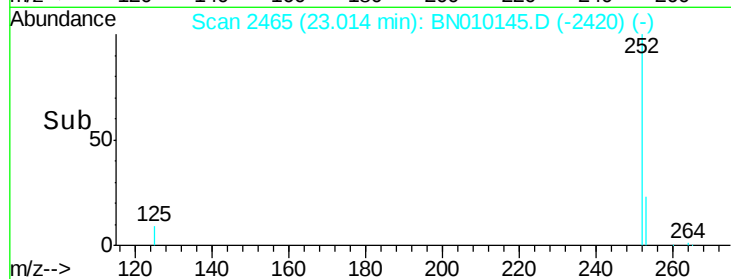
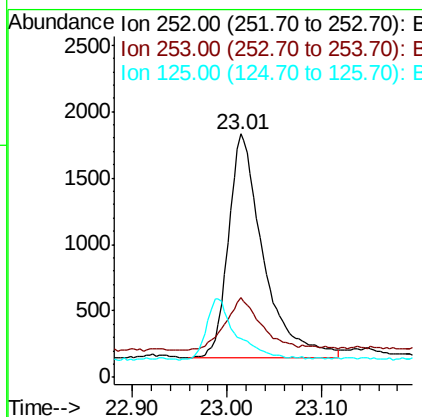
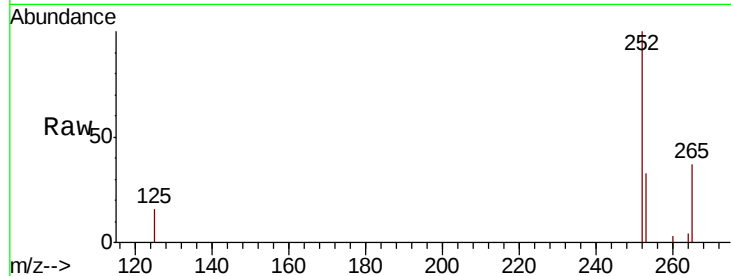
#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.01 min Scan# 2465
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.5	25.3	37.9
125	16.2	17.7	26.5

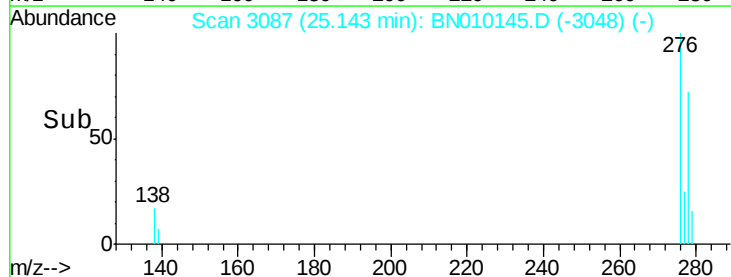
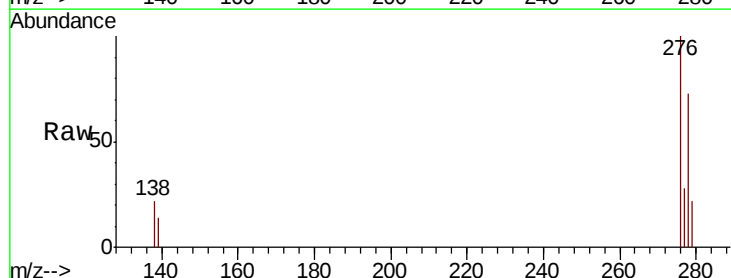
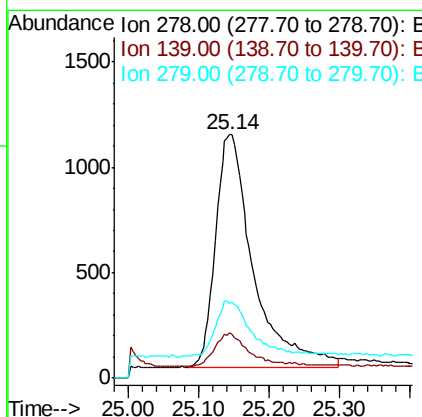
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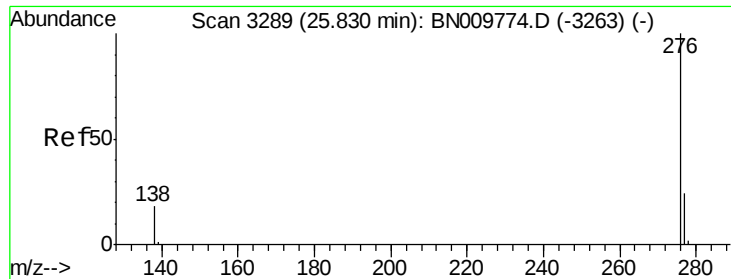
mohammad
3/10/2020 2:45:26 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 25.14 min Scan# 3087
Delta R.T. -0.07 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.5	21.7
279	30.5	24.3	36.5





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 25.76 min Scan# 3267

Delta R.T. -0.07 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

PB127320BSD

Tot Ion: 276 Resp: 4591

Ion Ratio Lower Upper

276 100

277 27.7 21.4 32.0

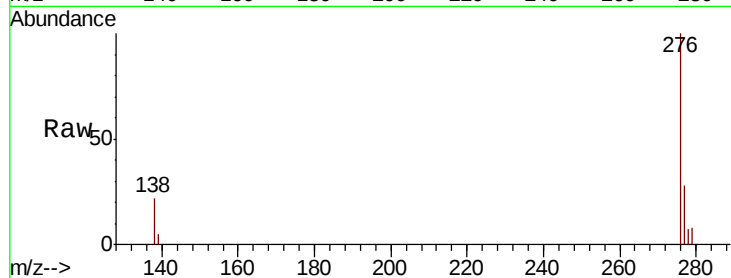
138 21.5 16.6 24.8

Manual Integrations

APPROVED

mohammad

3/10/2020 2:45:26 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

