

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
 Data File : BN010040.D
 Acq On : 02 Mar 2020 14:52
 Operator : CG/JU
 Sample : L1613-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-14-EP2-3MS

Manual Integrations
 APPROVED

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3/3/2020 12:27:27 PM

Quant Time: Mar 02 15:38:37 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 02 15:27:13 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1021	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3453	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	2189	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	4467	0.40	ng	-0.01
27) Chrysene-d12	20.99	240	4140	0.40	ng	-0.02
34) Perylene-d12	23.09	264	4594	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.06	112	778	0.34	ng	0.00
5) Phenol-d6	6.61	99	1033	0.37	ng	-0.02
8) Nitrobenzene-d5	8.57	82	1057	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1952	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	308	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	3174	0.38	ng	-0.01
25) Fluoranthene-d10	18.81	212	3905	0.25	ng	-0.01
29) Terphenyl-d14	19.43	244	3515	0.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	277	0.265	ng	# 69
3) n-Nitrosodimethylamine	3.39	42	605	0.352	ng	# 88
6) bis(2-Chloroethyl)ether	6.86	93	739	0.275	ng	94
9) Naphthalene	10.18	128	9420	1.000	ng	95
10) Hexachlorobutadiene	10.46	225	521	0.251	ng	# 97
12) 2-Methylnaphthalene	11.81	142	4701	0.728	ng	98
16) Acenaphthylene	13.73	152	22975	2.462	ng	100
17) Acenaphthene	14.08	154	3350	0.511	ng	100
18) Fluorene	15.08	166	9183	1.061	ng	97
21) Hexachlorobenzene	16.09	284	765	0.275	ng	99
22) Pentachlorophenol	16.46	266	139	0.328	ng	92
23) Phenanthrene	16.81	178	61704	4.641	ng	100
24) Anthracene	16.91	178	19662	1.750	ng	99
26) Fluoranthene	18.85	202	74905	4.706	ng	99
28) Pyrene	19.21	202	77127	4.906	ng	98
30) Benzo(a)anthracene	20.97	228	47475	3.456	ng	95
31) Chrysene	21.03	228	43306	2.725	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	3313	0.494	ng	97
33) Indeno(1,2,3-cd)pyrene	25.12	276	46108	2.786	ng	97
35) Benzo(b)fluoranthene	22.48	252	71099	4.233	ng	# 82
36) Benzo(k)fluoranthene	22.51	252	30283m	1.656	ng	
37) Benzo(a)pyrene	23.00	252	64056m	4.180	ng	
38) Dibenzo(a,h)anthracene	25.12	278	15983	1.059	ng	97
39) Benzo(g,h,i)perylene	25.73	276	48597	3.023	ng	96

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

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ALS Vial : 6 Sample Multiplier: 1

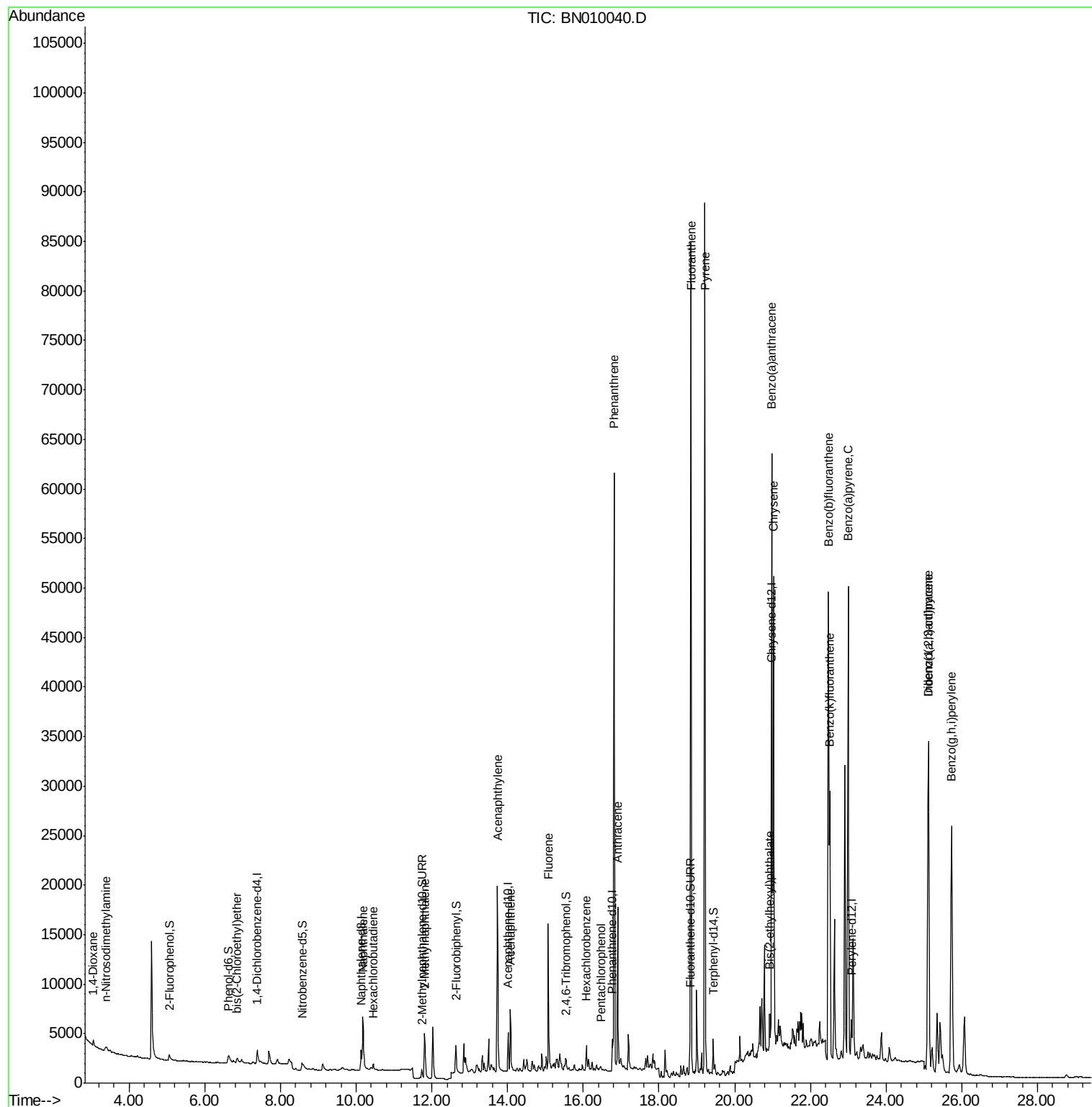
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

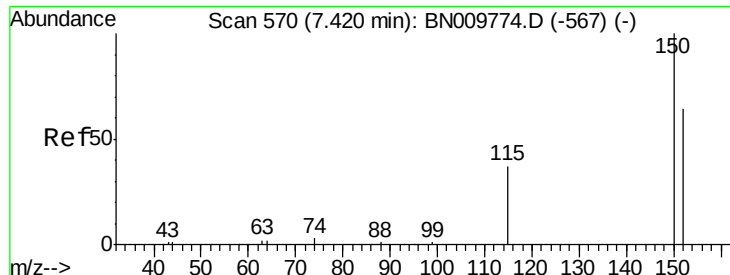
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
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QLast Update : Mon Mar 02 15:27:13 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. 0.00 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

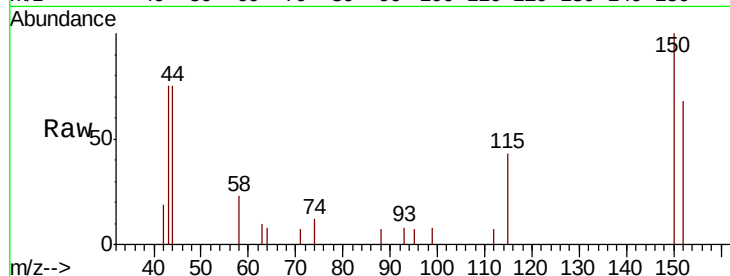
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	118.6	177.8
115	63.3	51.8	77.6

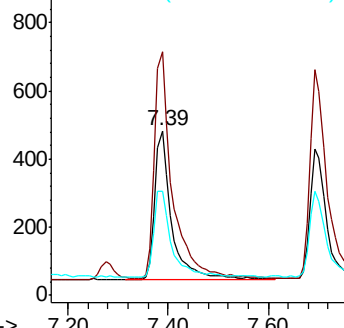
Manual Integrations
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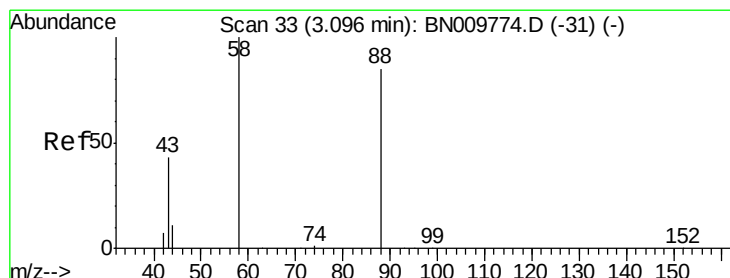
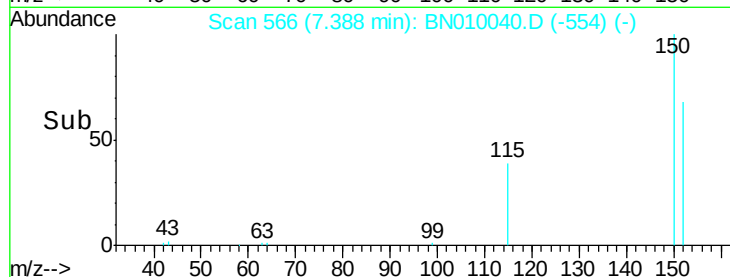
3/3/2020 12:27:27 PM



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



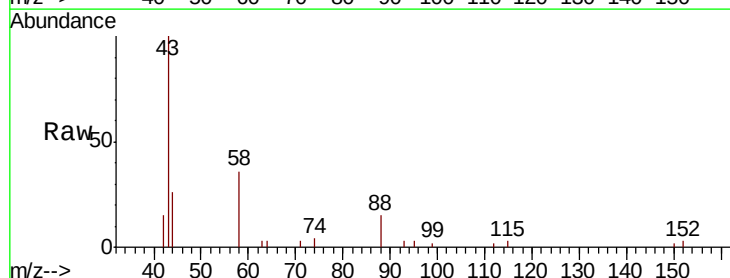
Time-->



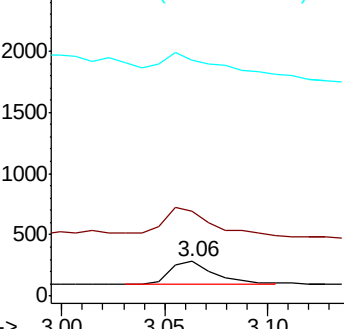
#2

1,4-Dioxane
Concen: 0.265 ng
RT: 3.06 min Scan# 29
Delta R.T. 0.00 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

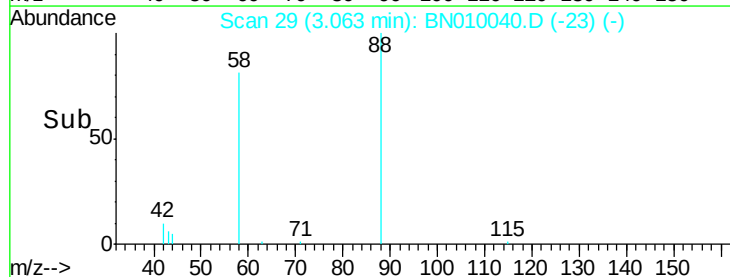
Tgt Ion	Ratio	Lower	Upper
88	100		
58	122.0	86.2	129.4
43	106.1	47.4	71.0

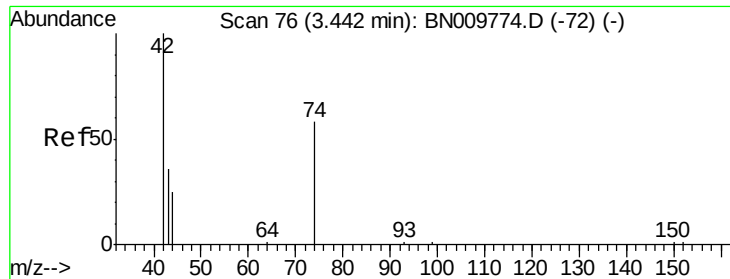


Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



Time-->





#3

n-Nitrosodimethylamine
 Concen: 0.352 ng
 RT: 3.39 min Scan# 69
 Delta R.T. -0.02 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

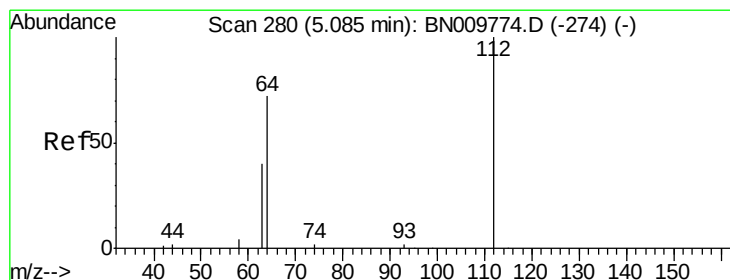
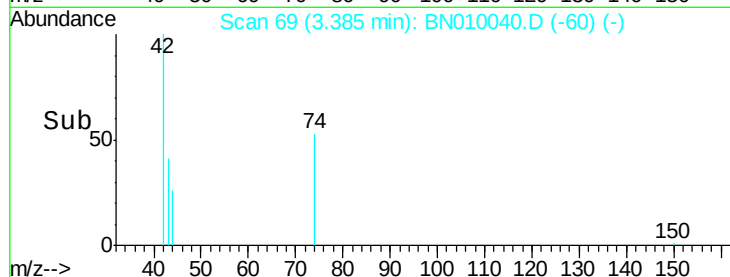
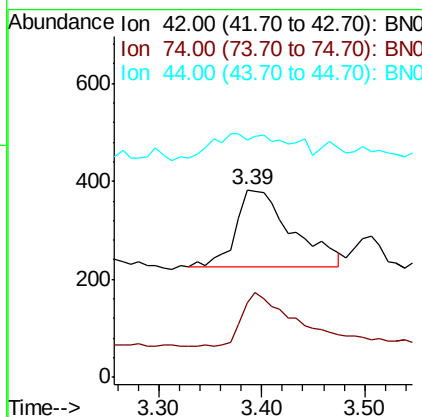
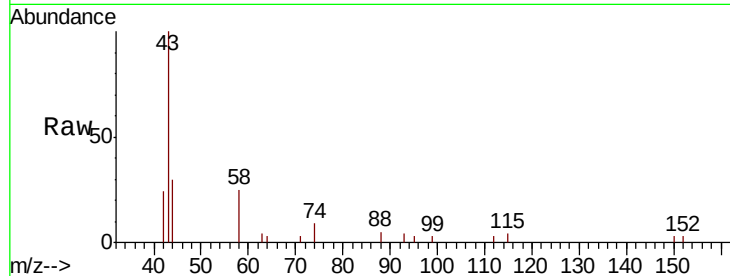
Instrument :
 BNA_N
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	64.1	58.9	88.3
44	0.0	4.6	7.0

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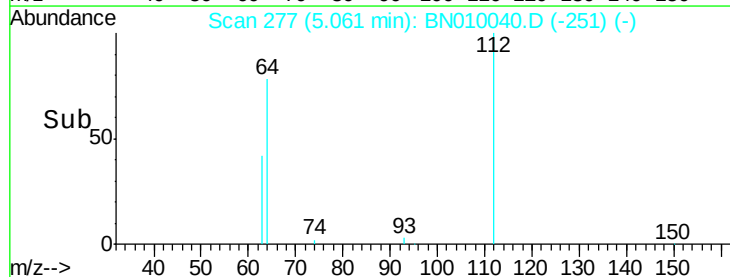
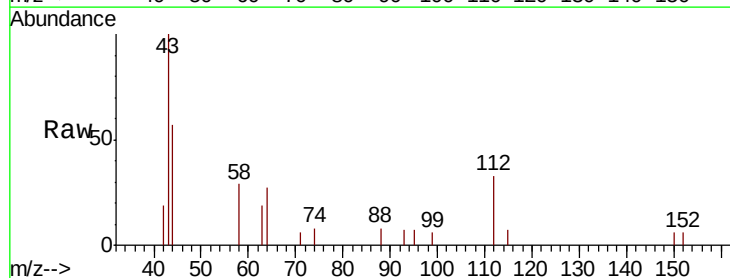
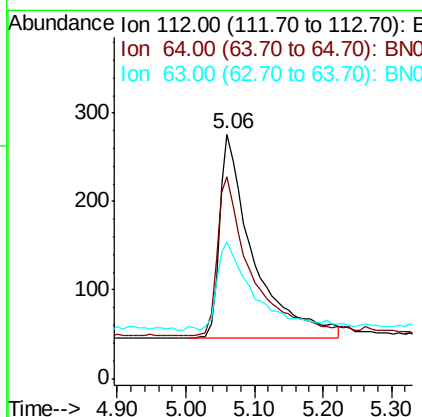
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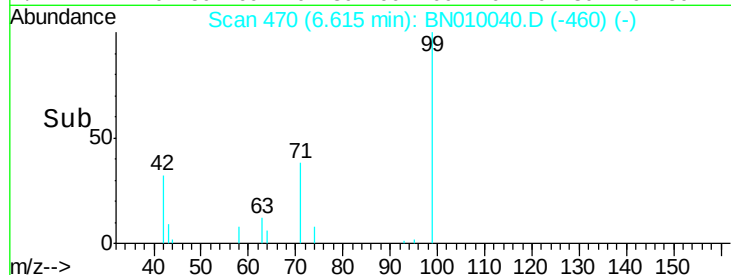
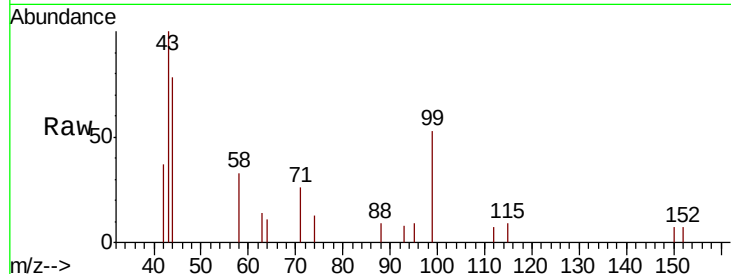
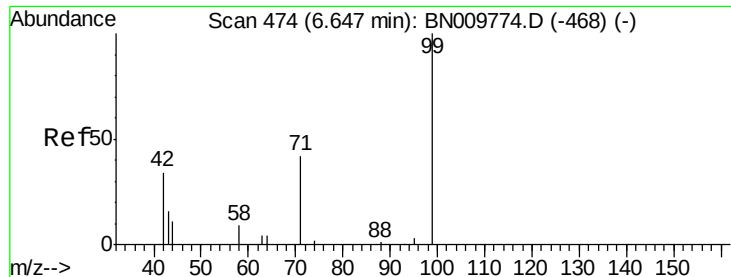


#4

2-Fluorophenol
 Concen: 0.343 ng
 RT: 5.06 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.1	62.5	93.7
63	45.9	35.4	53.0





#5
Phenol-d6
Concen: 0.374 ng
RT: 6.61 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

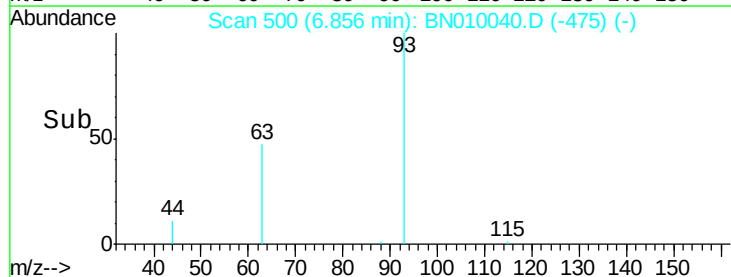
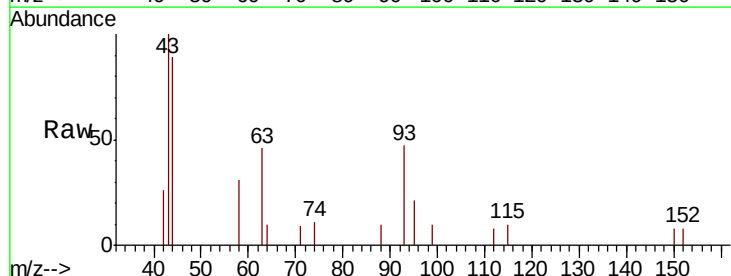
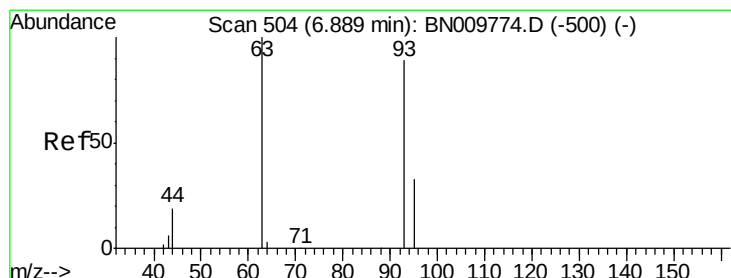
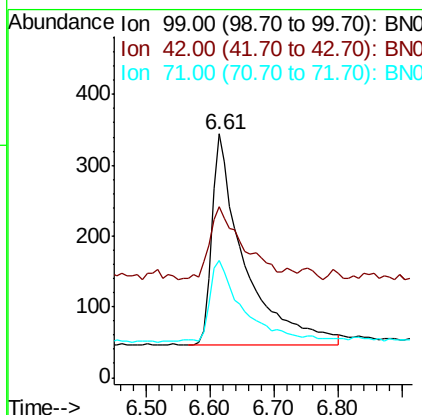
Tot Ion:	99	Resp:	1033
Ion	Ratio	Lower	Upper
99	100		
42	35.7	25.9	38.9
71	35.7	35.0	52.6

Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Manual Integrations
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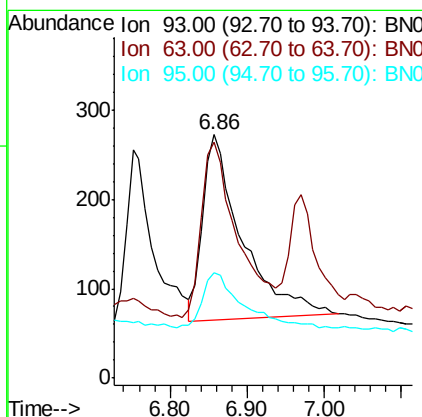
mohammad

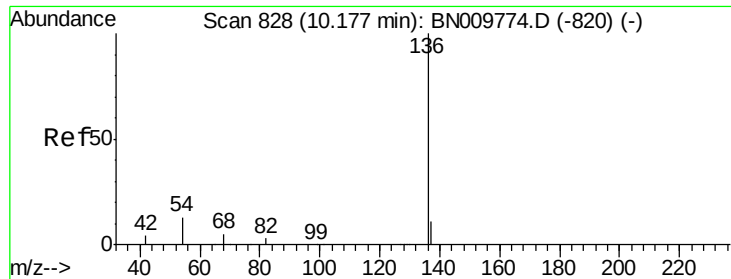
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#6
bis(2-Chloroethyl)ether
Concen: 0.275 ng
RT: 6.86 min Scan# 500
Delta R.T. 0.00 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion:	93	Resp:	739
Ion	Ratio	Lower	Upper
93	100		
63	85.4	63.2	94.8
95	30.4	25.0	37.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

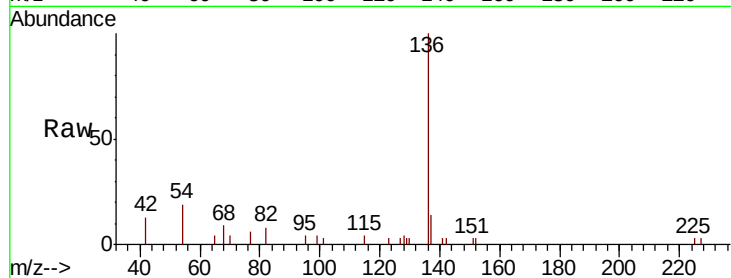
TP-14-EP2-3MS

Tot Ion:	136	Resp:	3453
Ion Ratio	Lower	Upper	
136	100		
137	13.9	11.3	16.9
54	18.8	13.9	20.9
68	9.5	7.1	10.7

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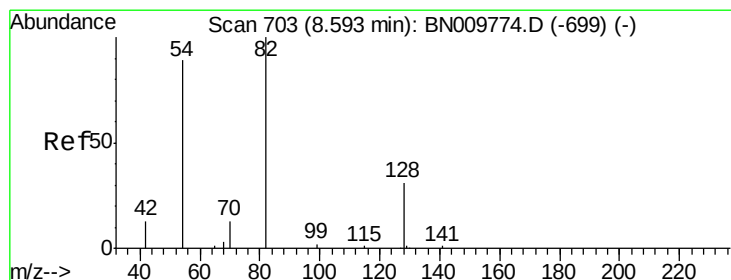
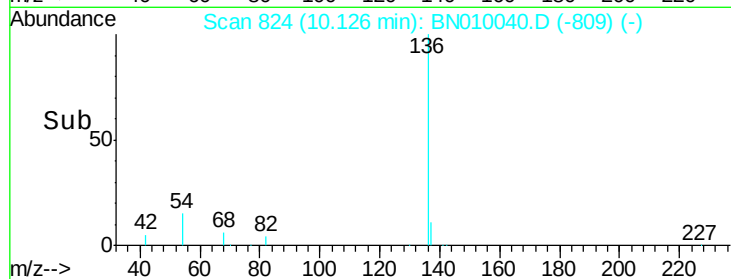
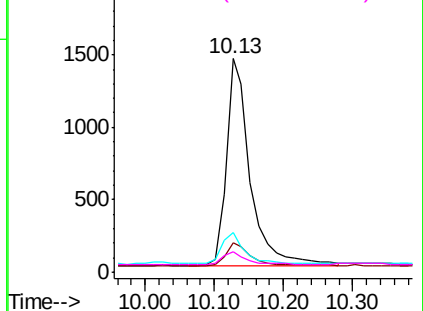


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.57 min Scan# 701

Delta R.T. 0.00 min

Lab File: BN010040.D

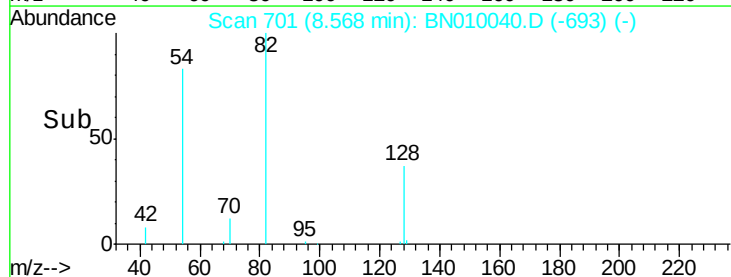
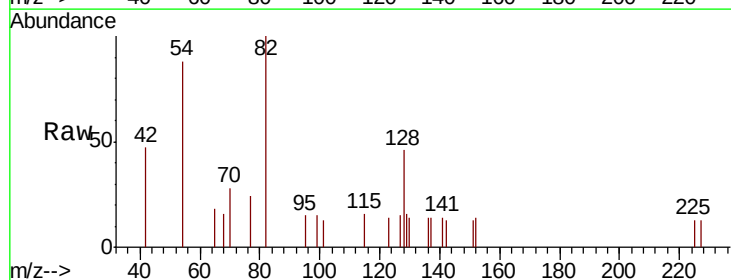
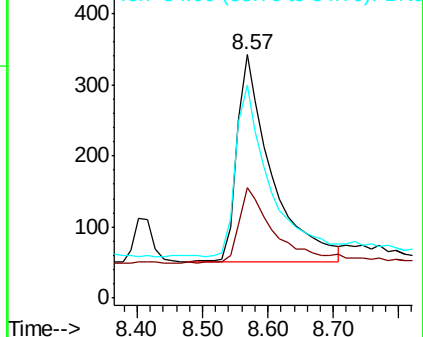
Acq: 02 Mar 2020 14:52

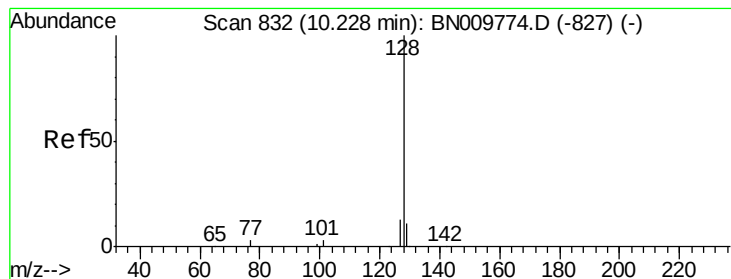
Tgt Ion:	82	Resp:	1057
Ion Ratio	Lower	Upper	
82	100		
128	45.6	37.5	56.3
54	87.7	72.4	108.6

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: 1.000 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

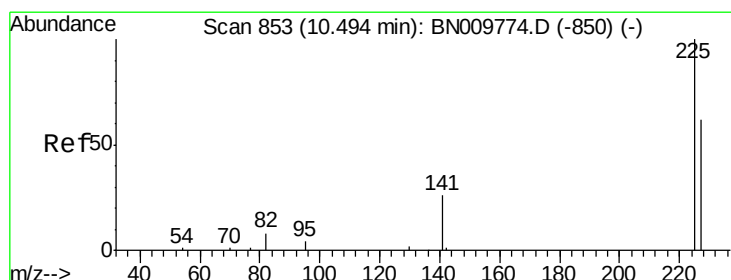
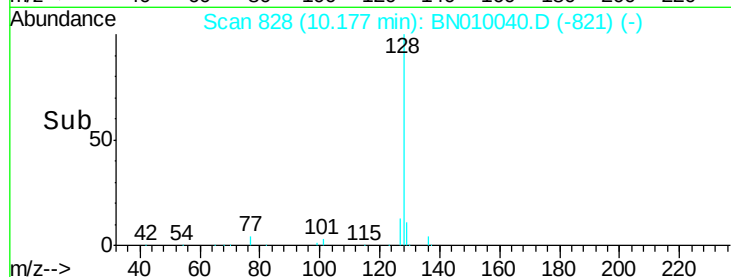
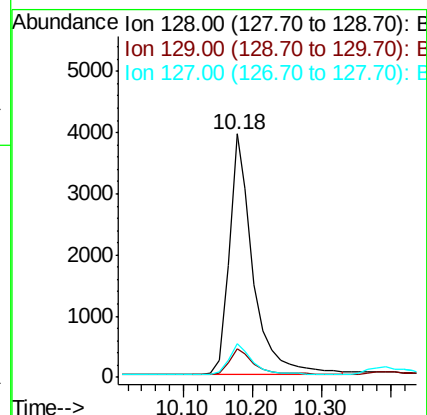
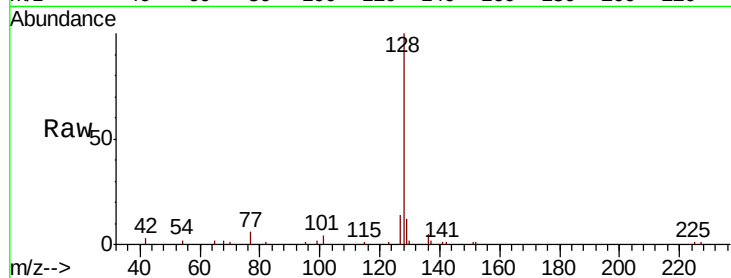
TP-14-EP2-3MS

Tot Ion:	128	Resp:	9420
Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.6	17.4
127	14.1	12.6	19.0

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#10

Hexachlorobutadiene

Concen: 0.251 ng

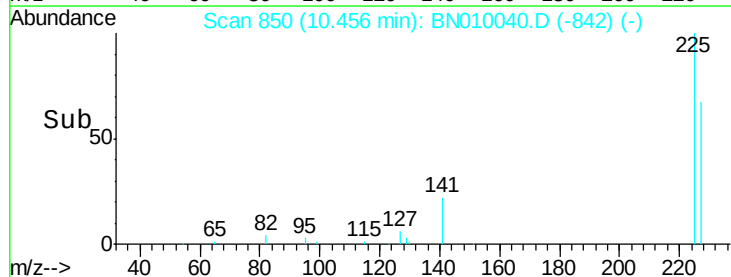
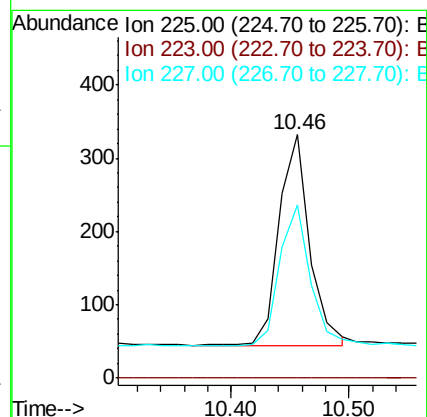
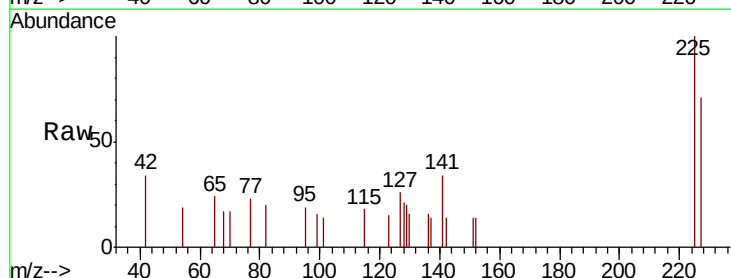
RT: 10.46 min Scan# 850

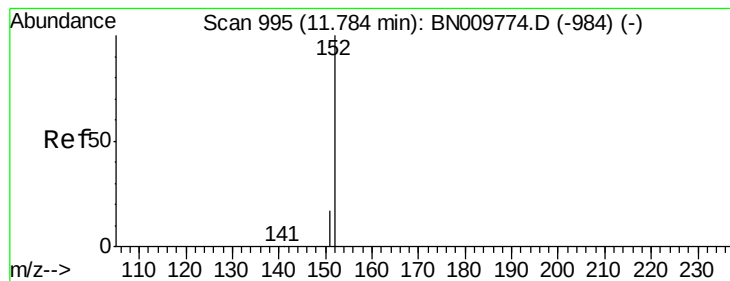
Delta R.T. 0.00 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Tgt Ion:	225	Resp:	521
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.2	51.1	76.7





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 11.73 min Scan# 984

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Tot Ion:152 Resp: 1952

Ion Ratio Lower Upper

152 100

151 17.0 14.6 22.0

Instrument :

BNA_N

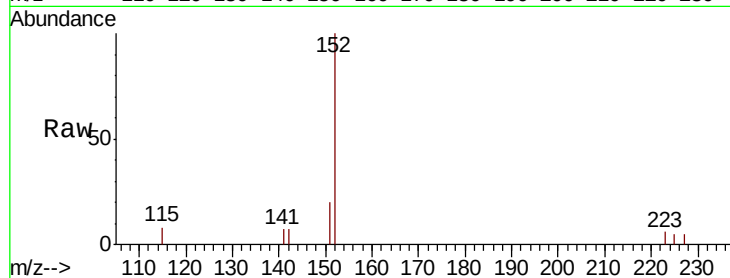
ClientSampleId :

TP-14-EP2-3MS

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

800

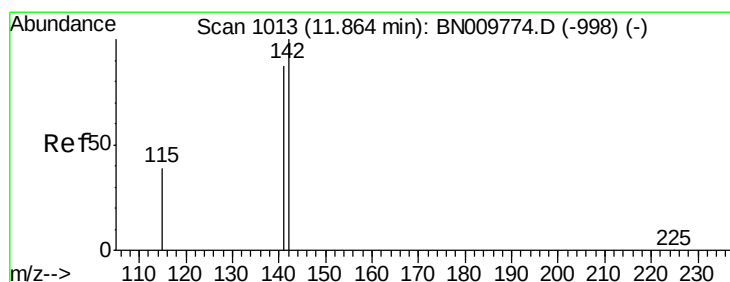
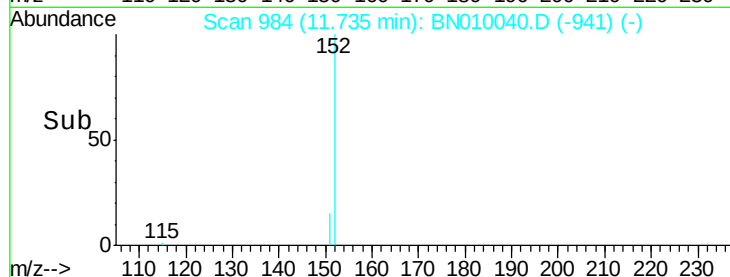
600

400

200

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.728 ng

RT: 11.81 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

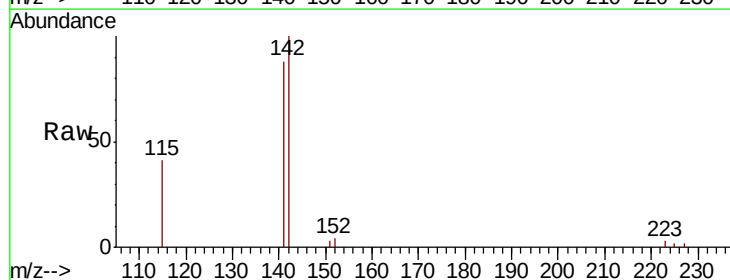
Tgt Ion:142 Resp: 4701

Ion Ratio Lower Upper

142 100

141 88.1 71.5 107.3

115 41.1 34.8 52.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.81

3000

2500

2000

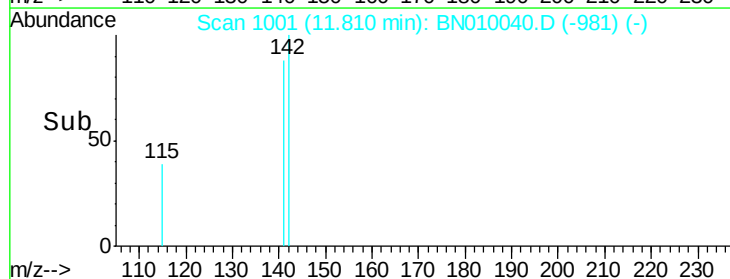
1500

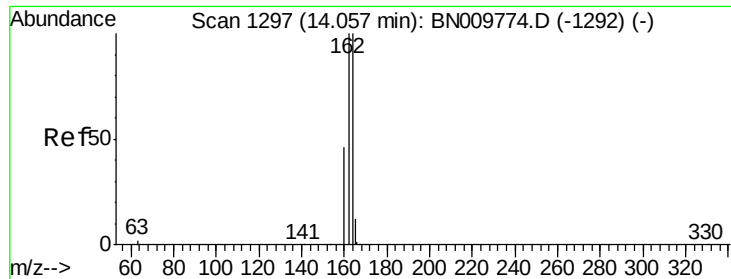
1000

500

0

Time--> 11.70 11.80 11.90 12.00





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

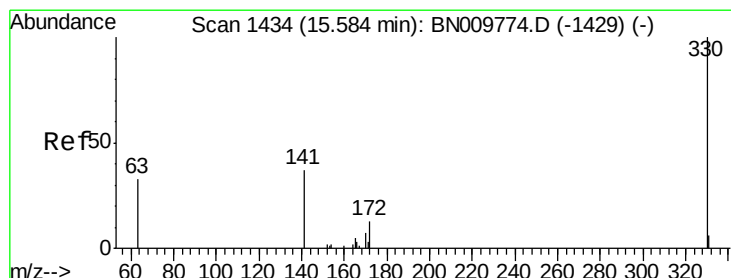
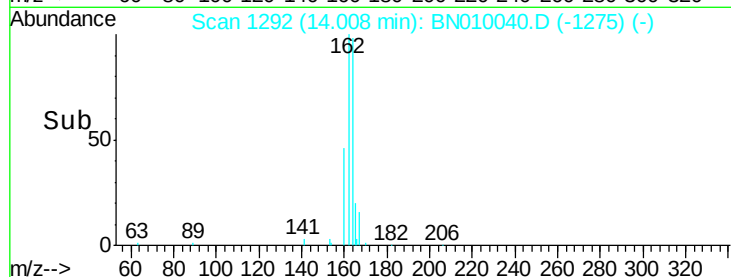
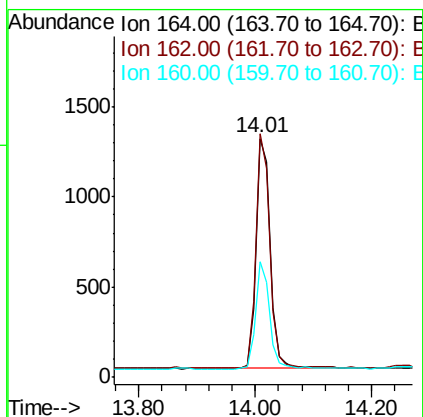
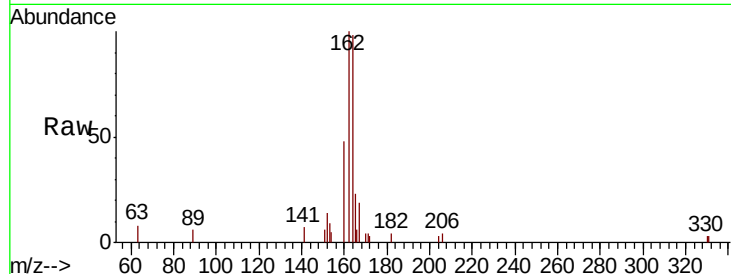
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion:	164	Resp:	2189
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.9	122.9
160	48.4	37.6	56.4

Manual Integrations
APPROVED

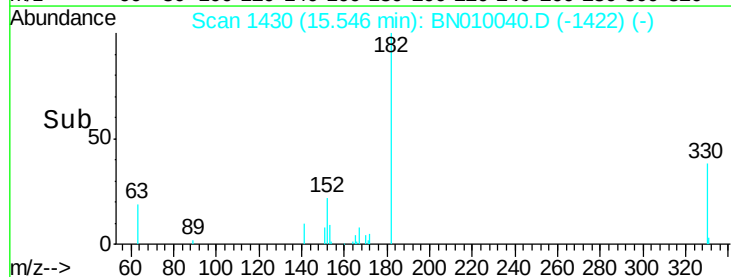
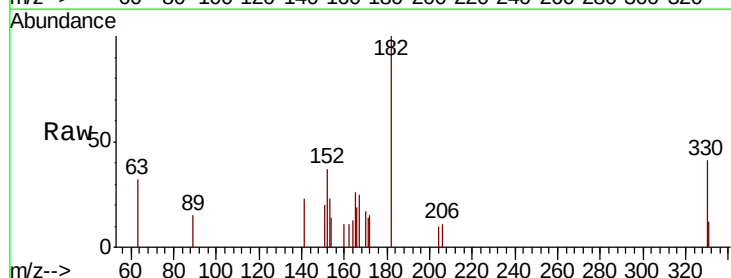
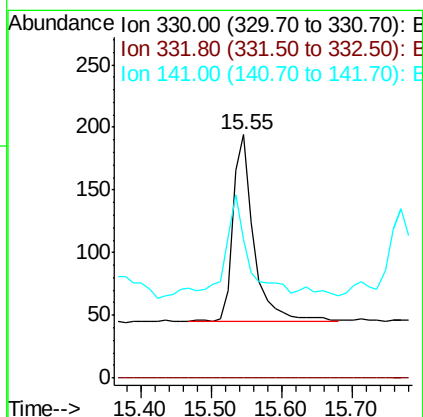
mohammad

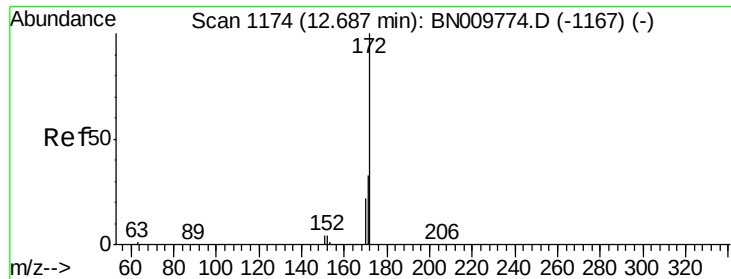
3/3/2020 12:27:27 PM



#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion:	330	Resp:	308
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	49.7	38.2	57.2





#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.64 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

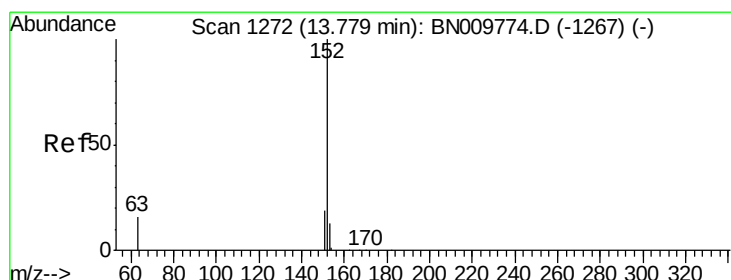
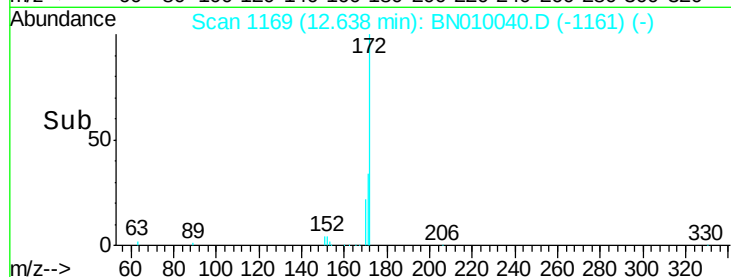
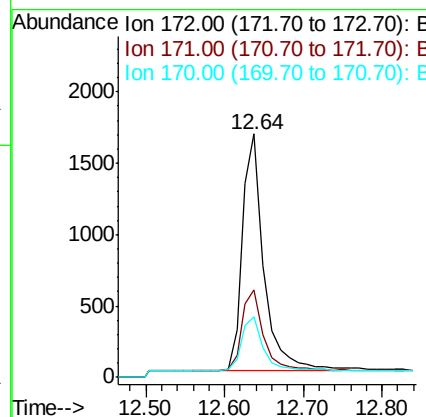
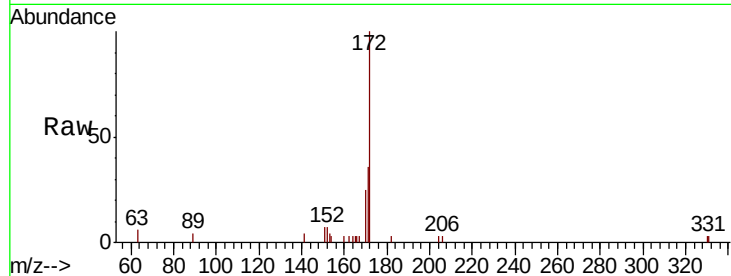
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.7	19.4	29.0

Manual Integrations
APPROVED

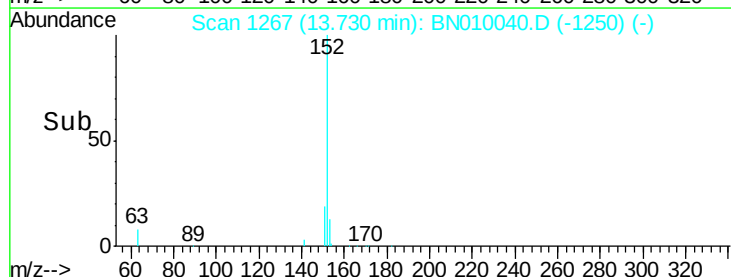
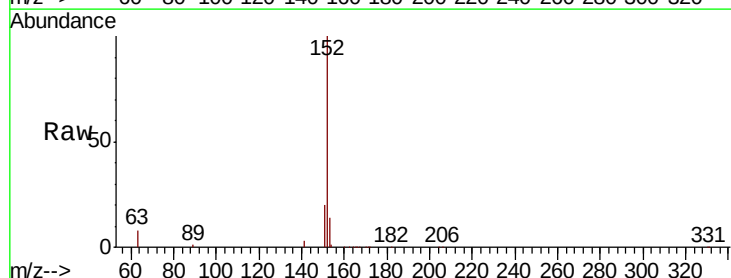
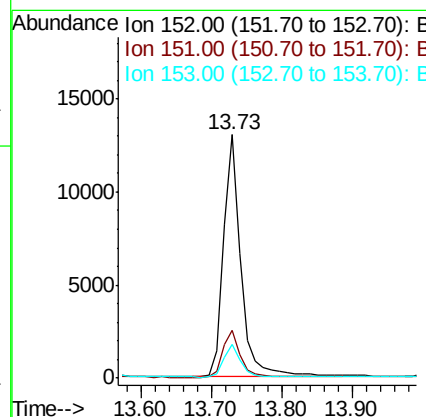
mohammad

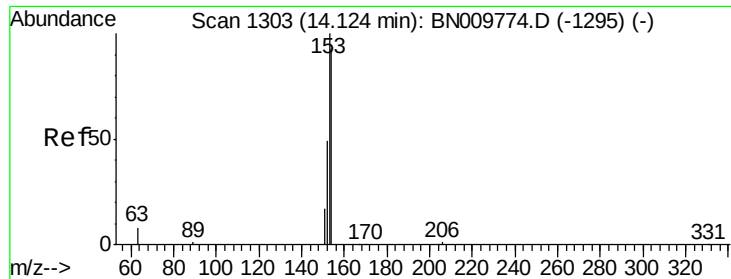
3/3/2020 12:27:27 PM



#16
Acenaphthylene
Concen: 2.462 ng
RT: 13.73 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.4	10.8	16.2





#17

Acenaphthene

Concen: 0.511 ng

RT: 14.08 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

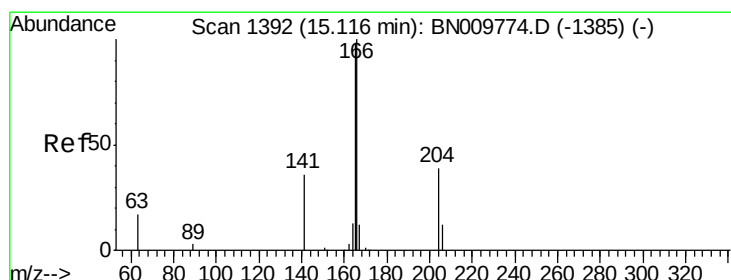
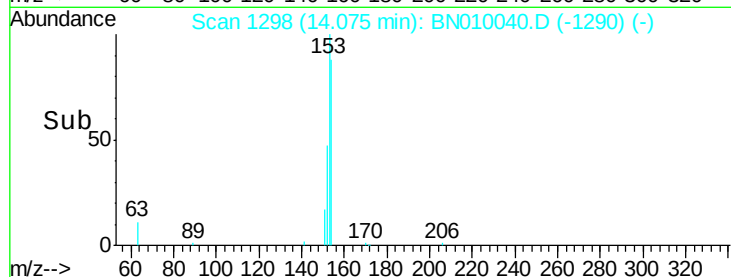
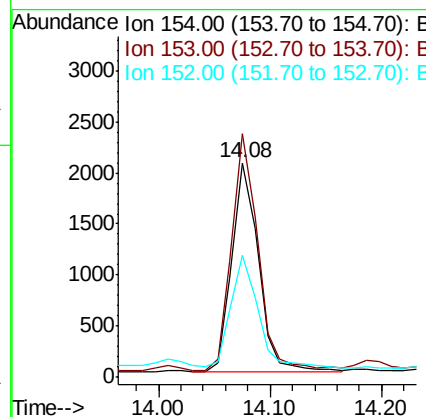
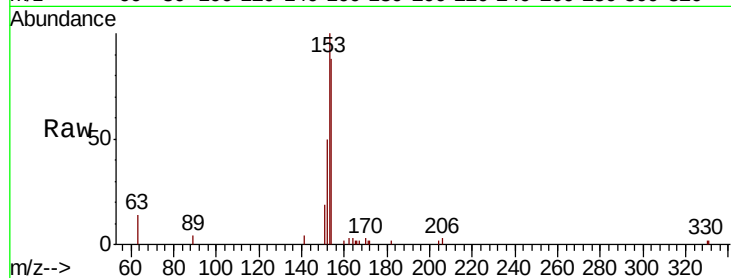
TP-14-EP2-3MS

Tot Ion:	154	Resp:	3350
Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.4	137.2
152	55.2	44.2	66.4

Manual Integrations
APPROVED

mohammad

3/3/2020 12:27:27 PM



#18

Fluorene

Concen: 1.061 ng

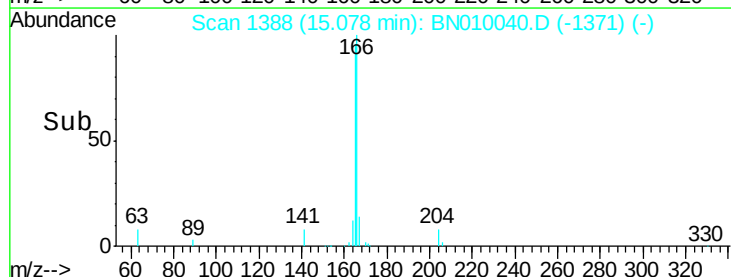
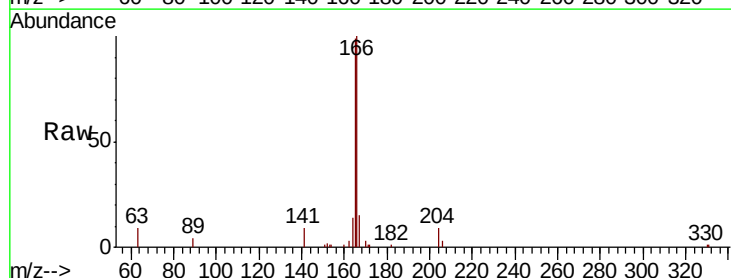
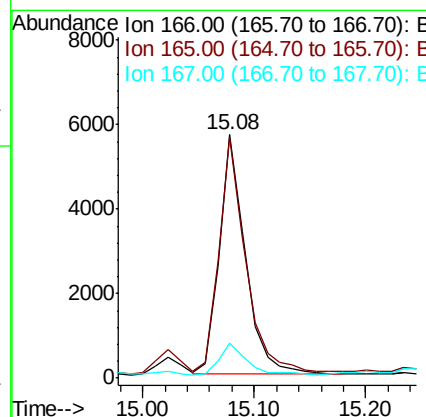
RT: 15.08 min Scan# 1388

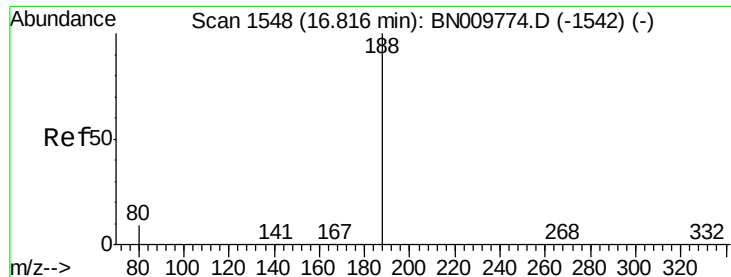
Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Tgt Ion:	166	Resp:	9183
Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.1	115.7
167	14.5	11.3	16.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

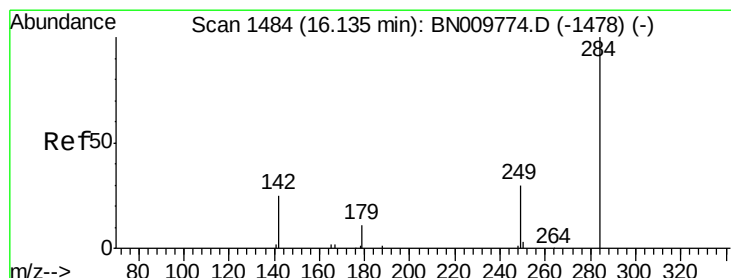
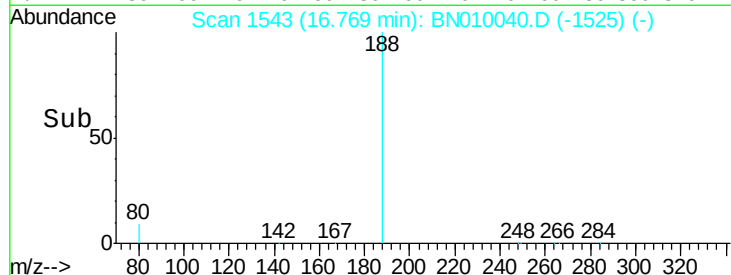
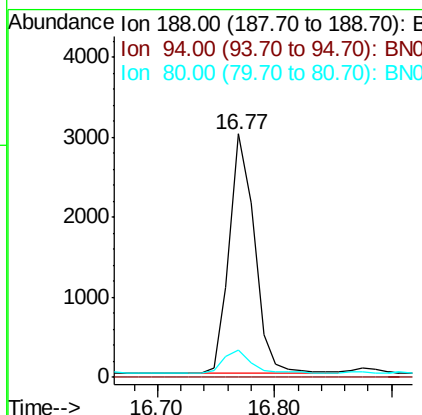
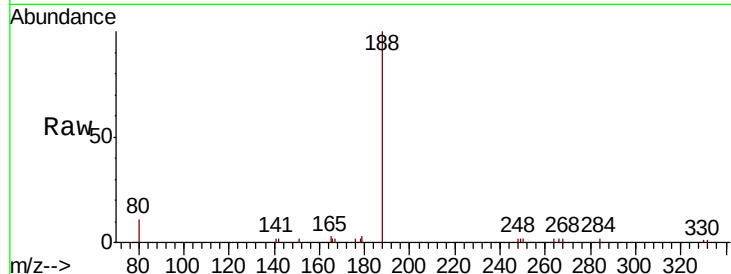
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion:	188	Resp:	4467
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.4	9.4	14.2

Manual Integrations
APPROVED

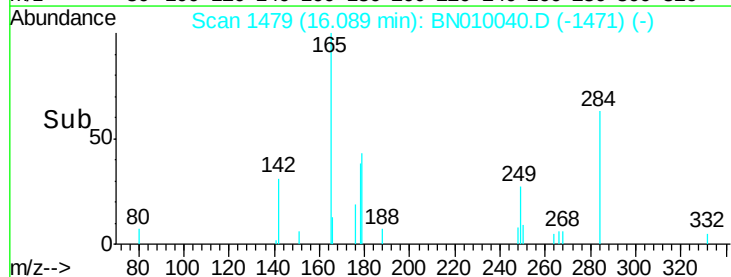
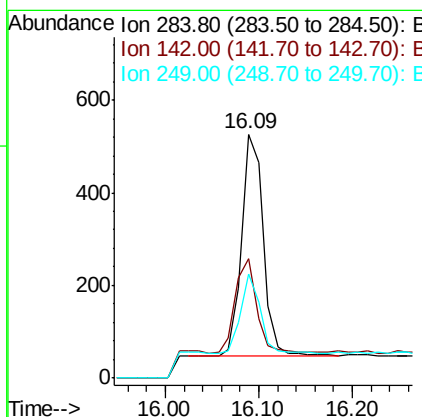
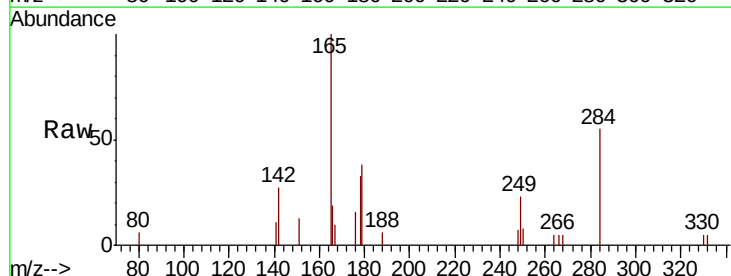
mohammad

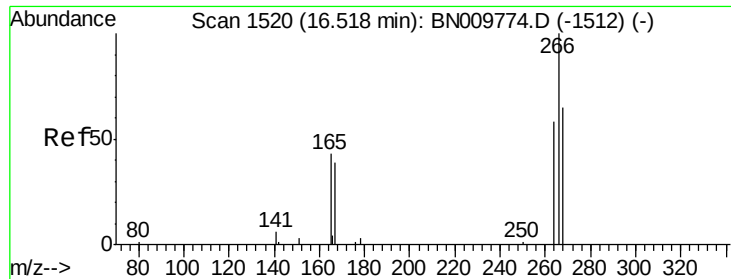
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#21
Hexachlorobenzene
Concen: 0.275 ng
RT: 16.09 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion:	284	Resp:	765
Ion Ratio	Lower	Upper	
284	100		
142	42.2	33.3	49.9
249	32.7	26.0	39.0





#22
 Pentachlorophenol
 Concen: 0.328 ng
 RT: 16.46 min Scan# 1514
 Delta R.T. -0.02 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

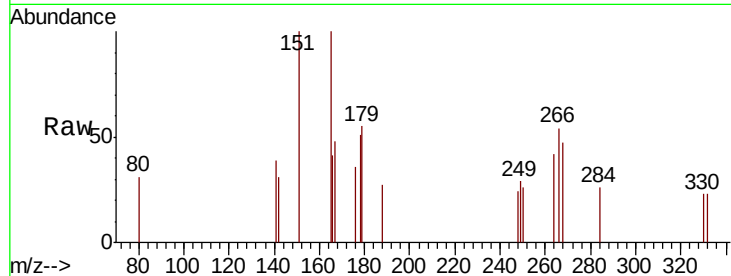
Instrument :
 BNA_N
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion:	266	Resp:	139
Ion	Ratio	Lower	Upper
266	100		
264	77.9	57.4	86.0
268	87.5	63.8	95.6

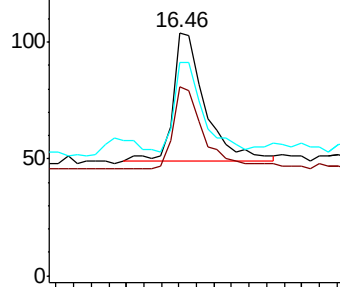
Manual Integrations
 APPROVED

mohammad

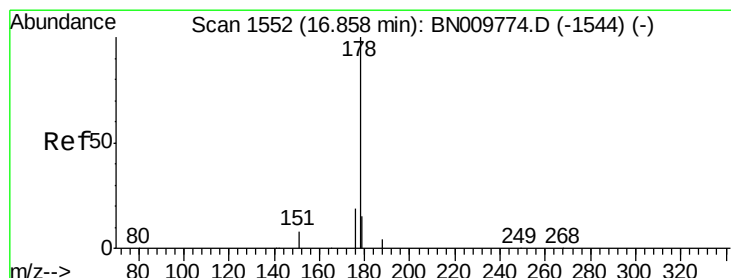
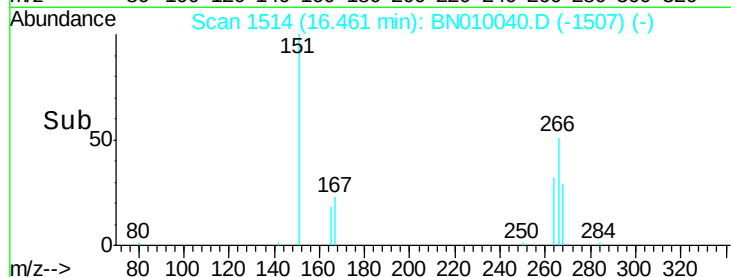
3/3/2020 12:27:27 PM



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



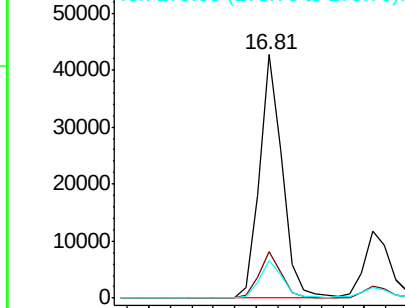
Time-->



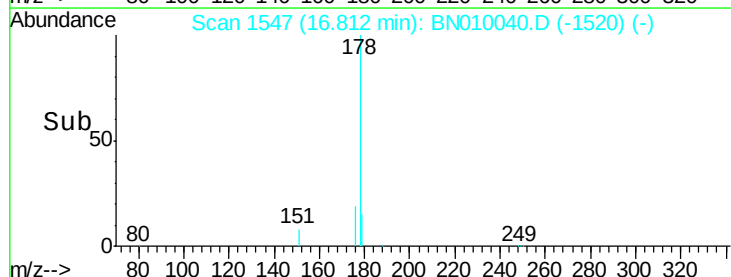
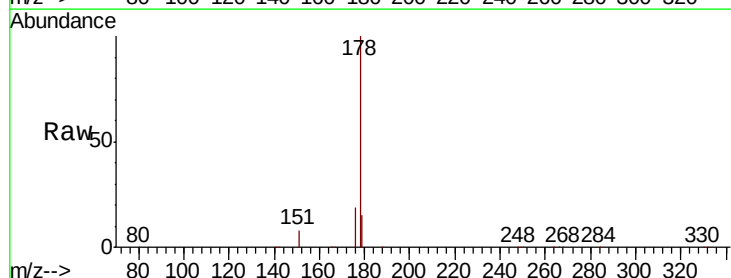
#23
 Phenanthrene
 Concen: 4.641 ng
 RT: 16.81 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

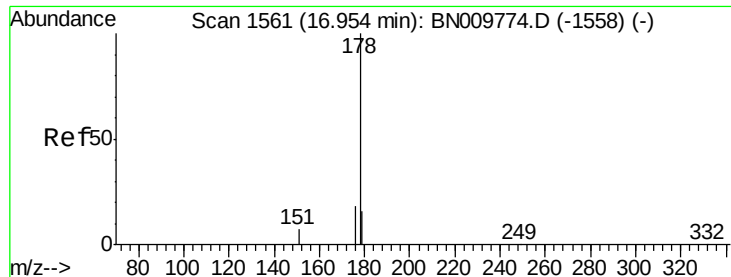
Tgt Ion:	178	Resp:	61704
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.2	18.4

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





#24
 Anthracene
 Concen: 1.750 ng
 RT: 16.91 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

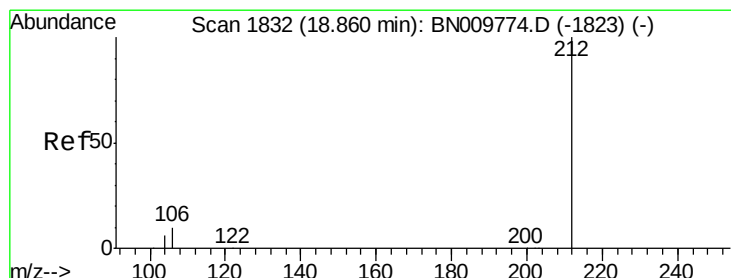
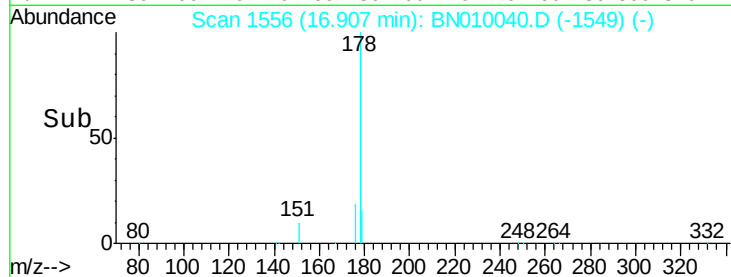
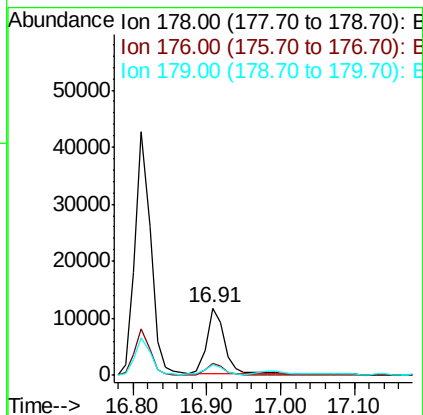
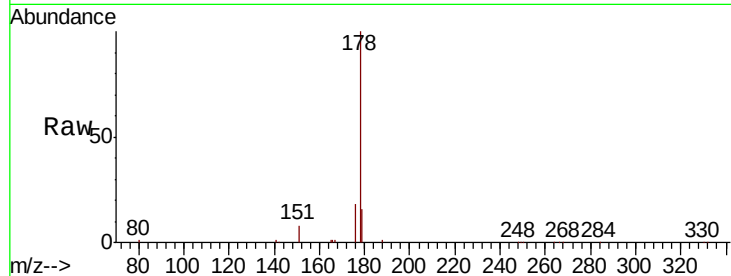
Instrument :
 BNA_N
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion:178	Resp:	19662
Ion Ratio	Lower	Upper
178	100	
176	17.5	14.2 21.2
179	15.1	11.8 17.8

Manual Integrations
 APPROVED

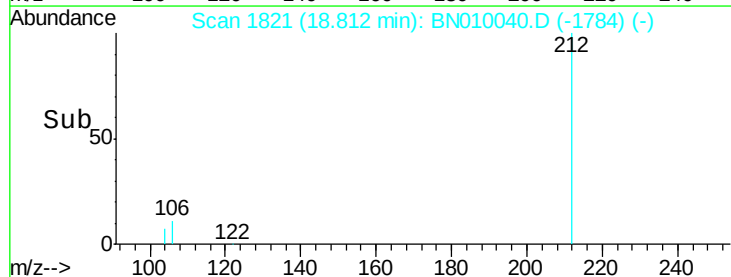
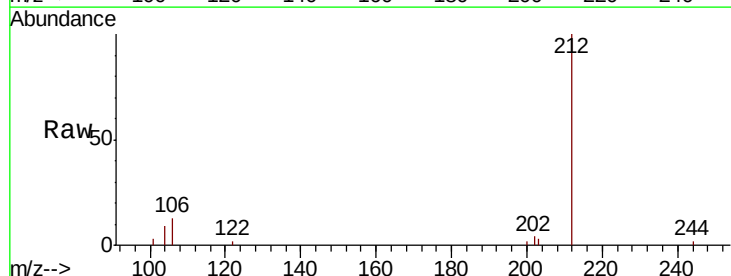
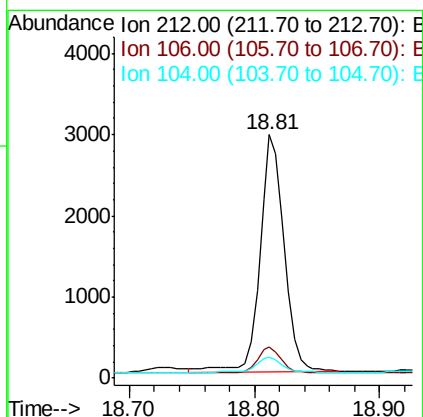
mohammad

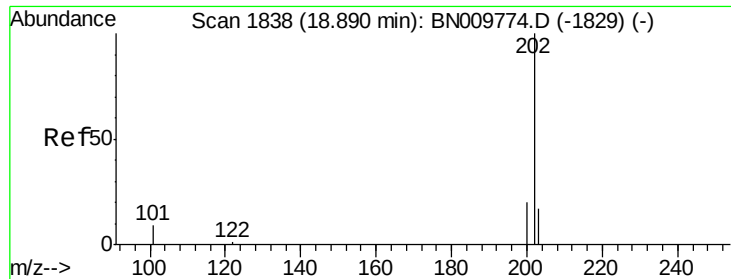
3/3/2020 12:27:27 PM



#25
 Fluoranthene-d10
 Concen: 0.253 ng
 RT: 18.81 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Tgt Ion:212	Resp:	3905
Ion Ratio	Lower	Upper
212	100	
106	11.2	8.2 12.4
104	8.0	5.0 7.6#





#26
Fluoranthene
Concen: 4.706 ng
RT: 18.85 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

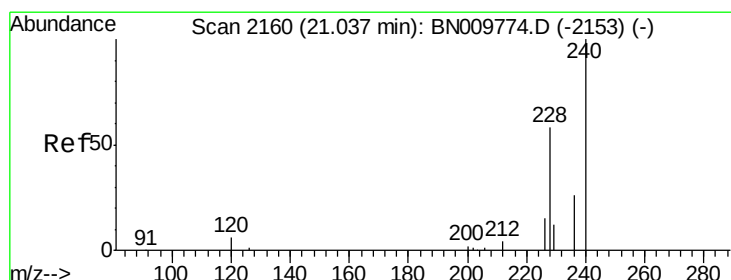
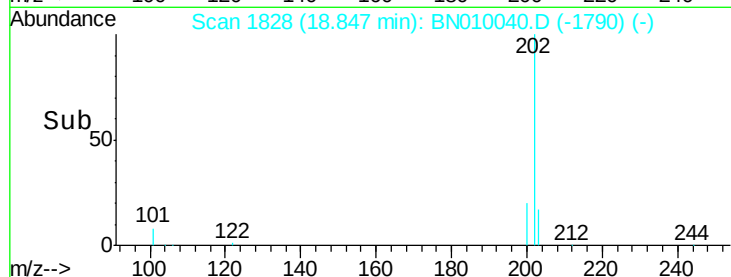
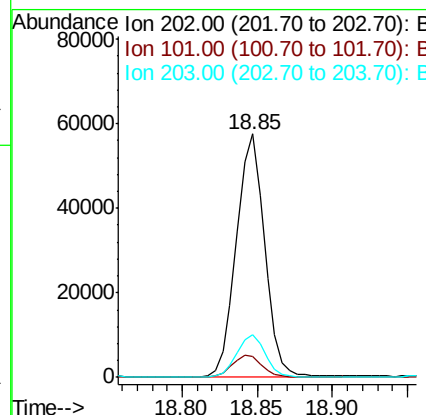
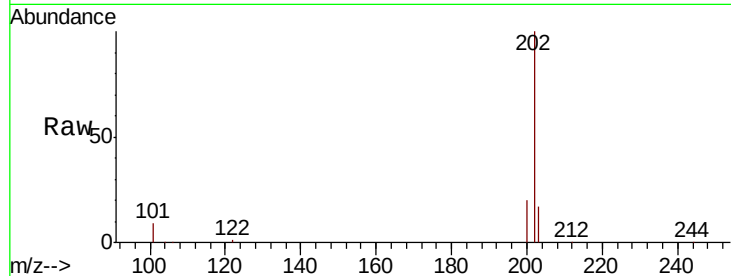
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.6
203	17.3	13.4	20.2

Manual Integrations
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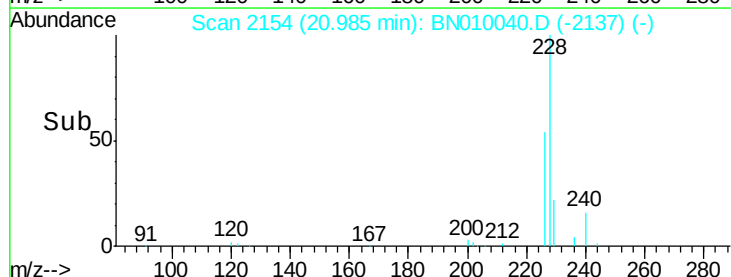
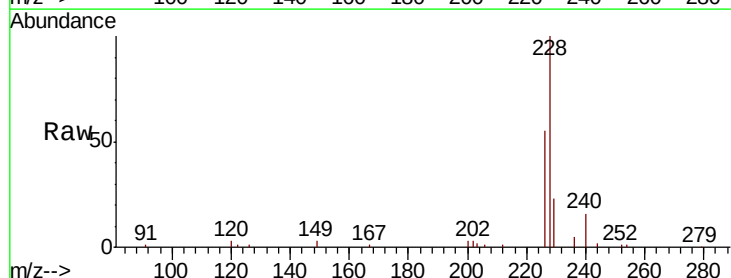
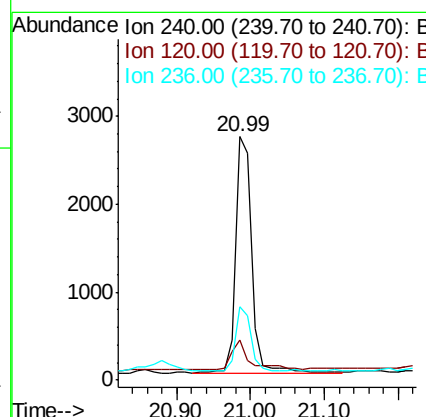
mohammad

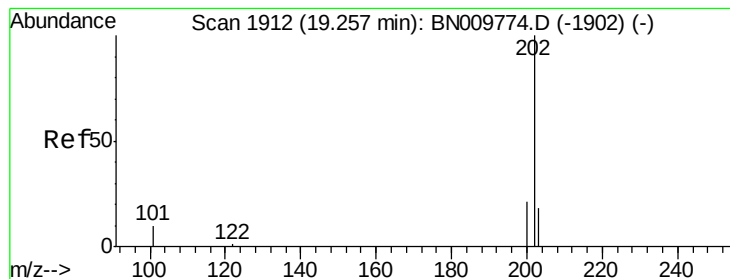
3/3/2020 12:27:27 PM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.5	8.5	12.7#
236	30.0	22.5	33.7





#28

Pvrene

Concen: 4.906 ng

RT: 19.21 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

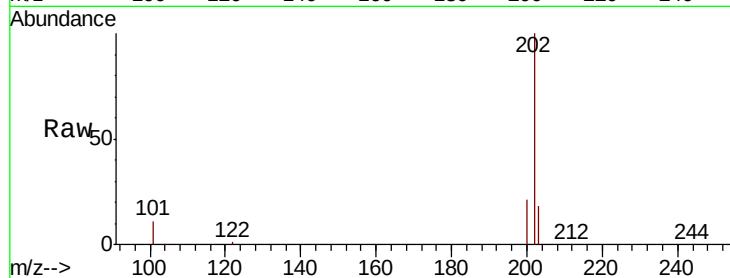
TP-14-EP2-3MS

Tot Ion:202	Resp:	77127
Ion Ratio	Lower	Upper
202 100		
200 20.6	16.2	24.2
203 19.1	14.0	21.0

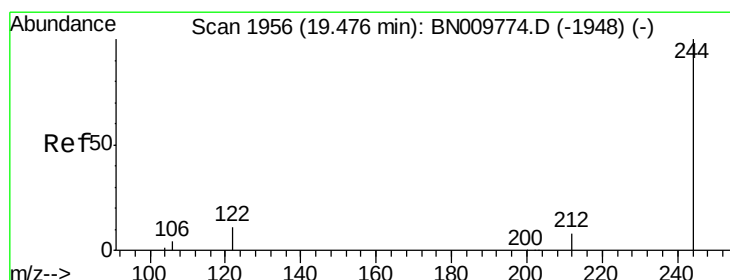
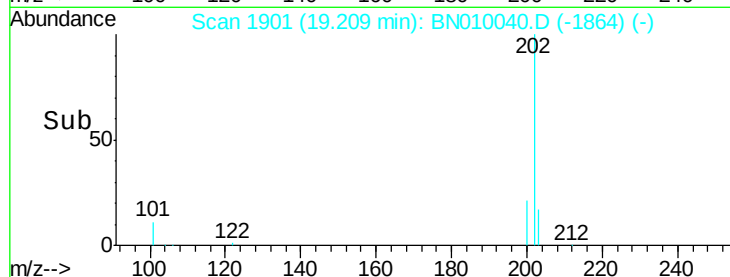
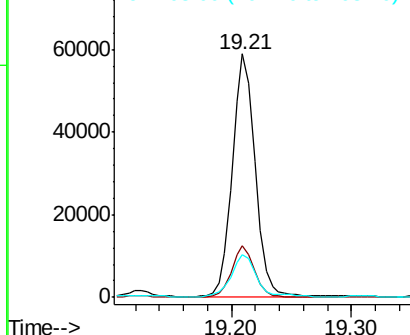
Manual Integrations
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3/3/2020 12:27:27 PM



Abundance Ion 202.00 (201.70 to 202.70): E
80000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.355 ng

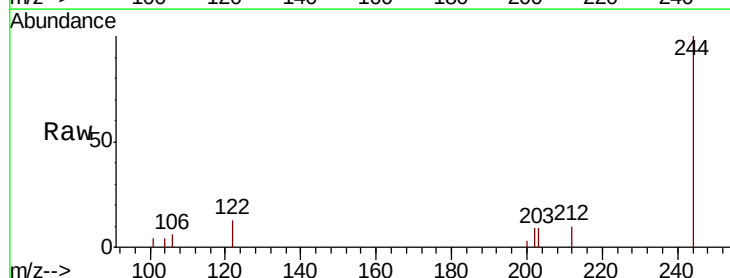
RT: 19.43 min Scan# 1946

Delta R.T. -0.01 min

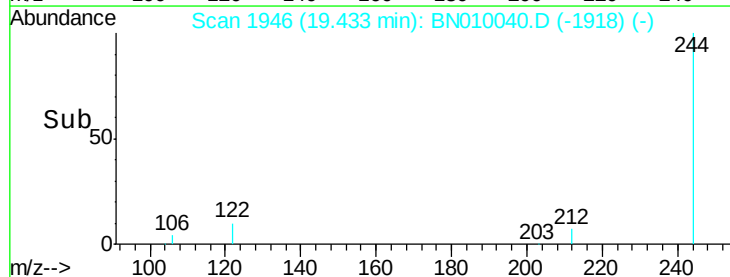
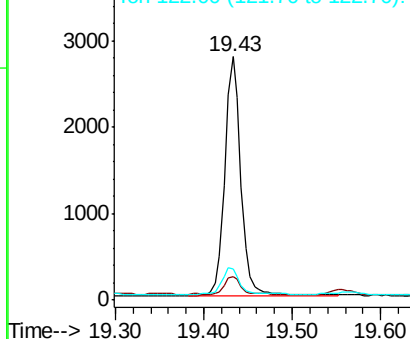
Lab File: BN010040.D

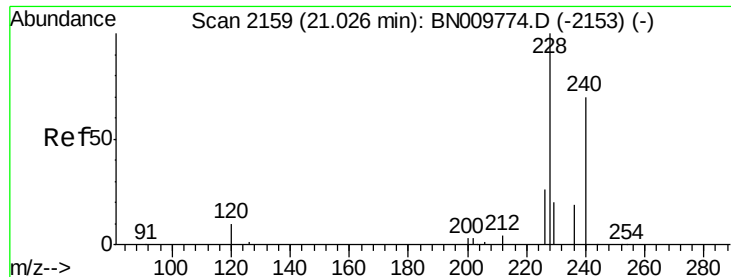
Acq: 02 Mar 2020 14:52

Tgt Ion:244	Resp:	3515
Ion Ratio	Lower	Upper
244 100		
212 9.8	8.0	12.0
122 12.7	9.9	14.9



Abundance Ion 244.00 (243.70 to 244.70): E
3000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#30
Benzo(a)anthracene
Concen: 3.456 ng
RT: 20.97 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

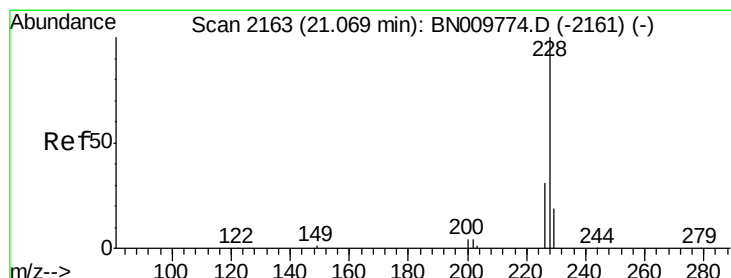
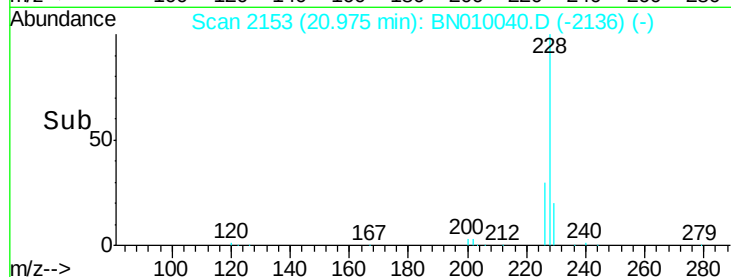
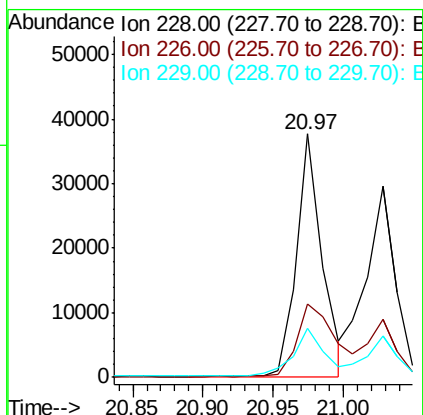
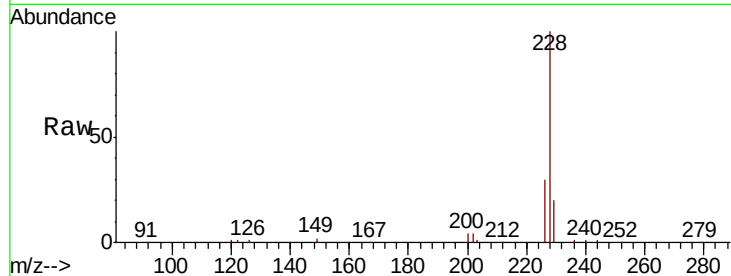
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.6	32.4
229	20.3	17.1	25.7

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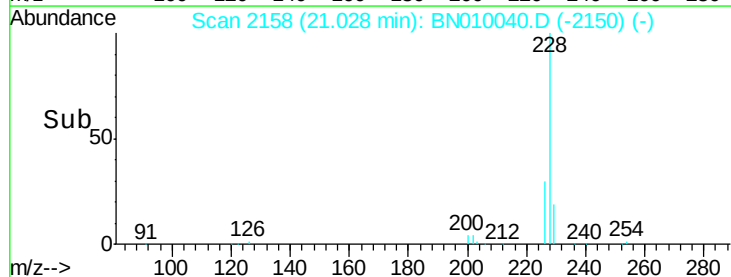
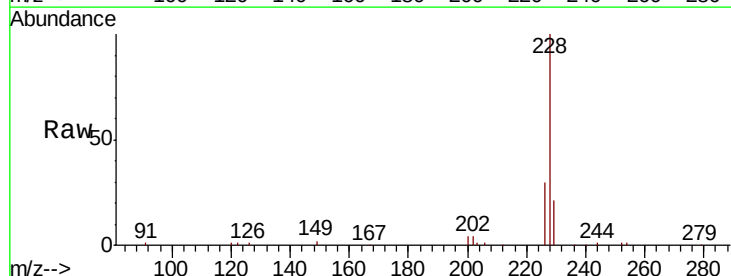
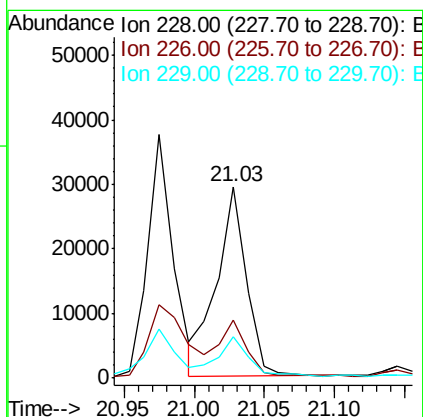
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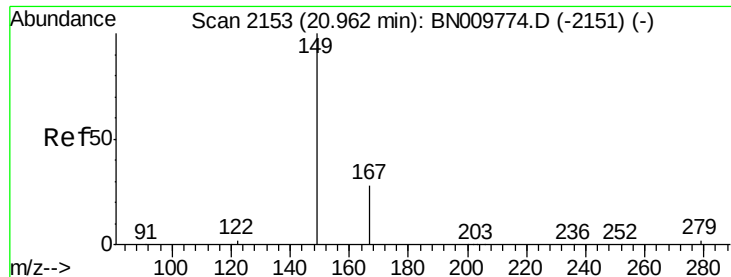
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#31
Chrysene
Concen: 2.725 ng
RT: 21.03 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.4	16.5	24.7





#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.494 ng
 RT: 20.92 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

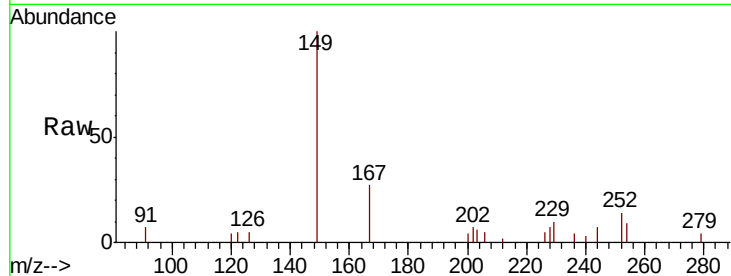
Instrument :
 BNA_N
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion:	149	Resp:	3313
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.0	33.0
279	4.8	3.2	4.8

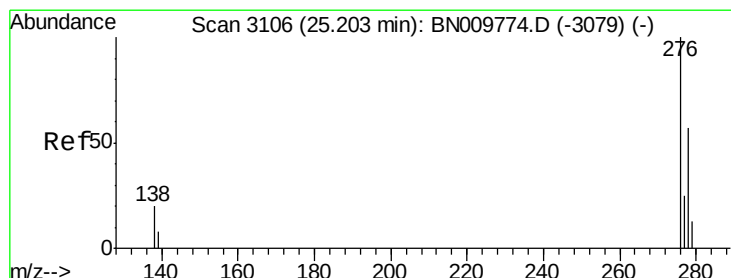
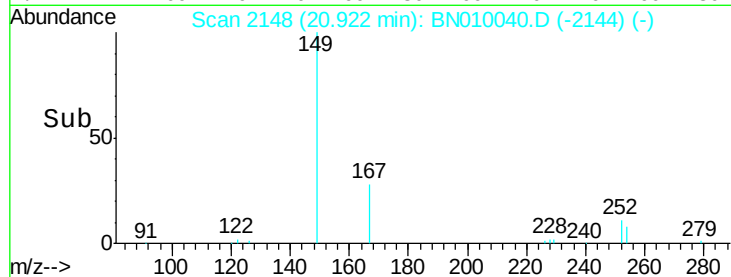
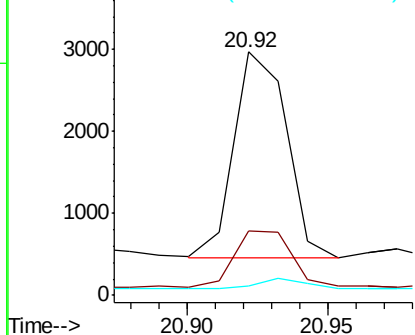
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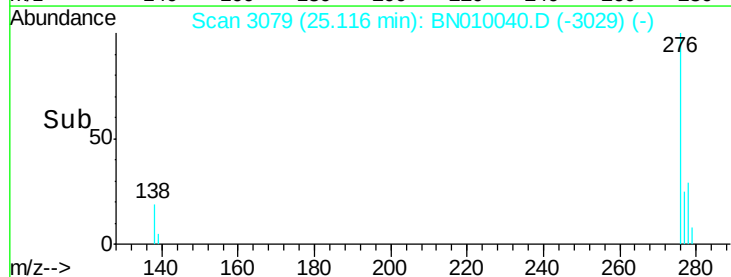
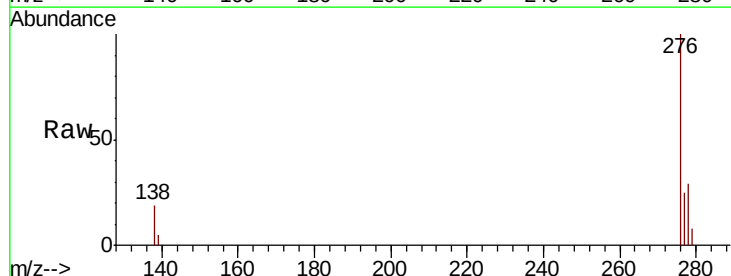
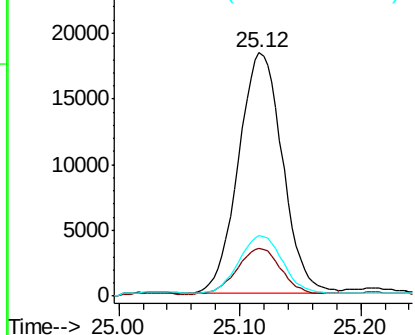
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

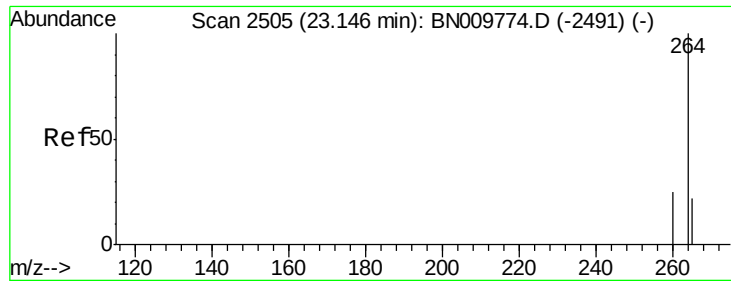


#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.786 ng
 RT: 25.12 min Scan# 3079
 Delta R.T. -0.03 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Tgt Ion:	276	Resp:	46108
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.6	25.0
277	24.7	18.6	28.0

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
Pervlene-d12
Concen: 0.400 ng
RT: 23.09 min Scan# 2486
Delta R.T. -0.02 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

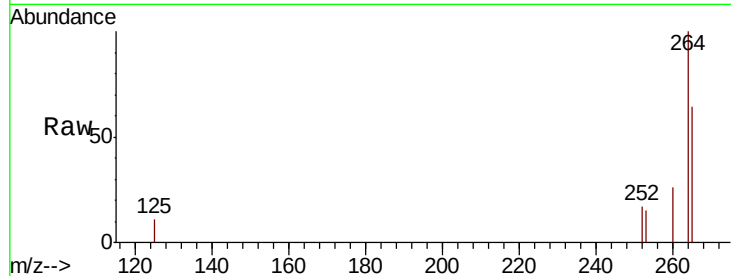
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.4	30.6
265	63.6	50.5	75.7

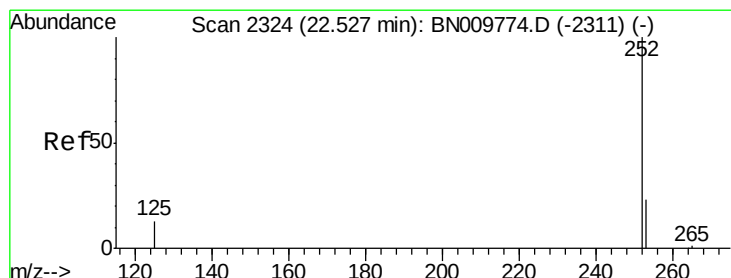
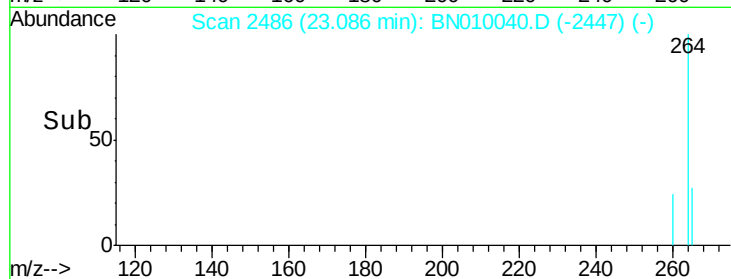
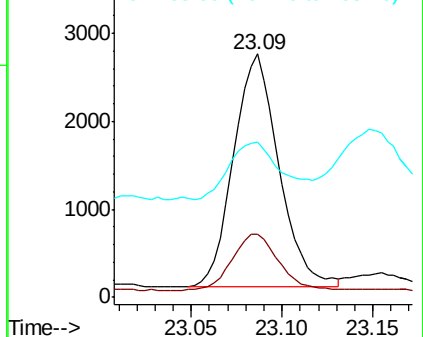
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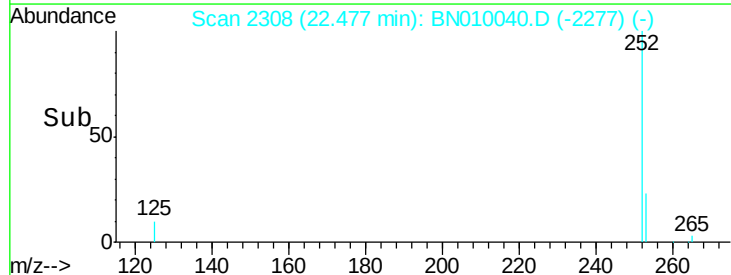
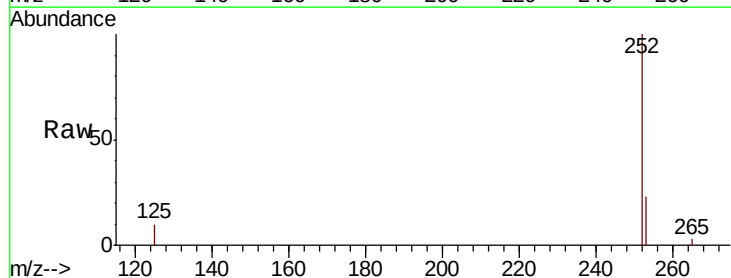
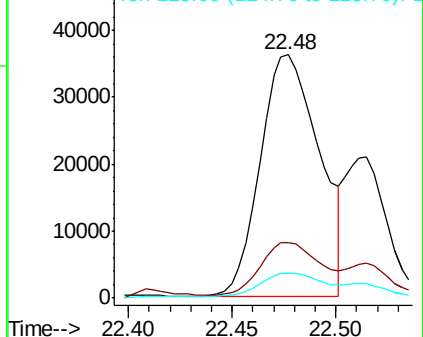
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

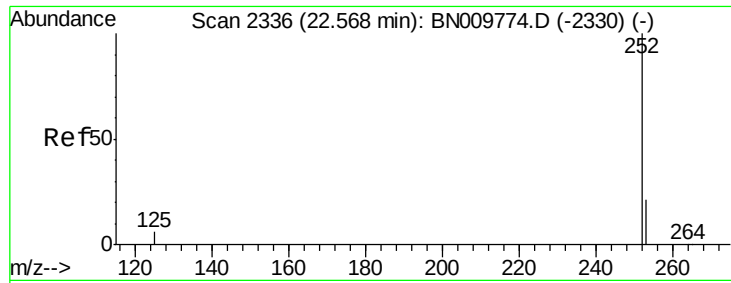


#35
Benzo(b)fluoranthene
Concen: 4.233 ng
RT: 22.48 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	23.1	34.7#
125	10.2	18.6	27.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#36
Benzo(k)fluoranthene
Concen: 1.656 ng m
RT: 22.51 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

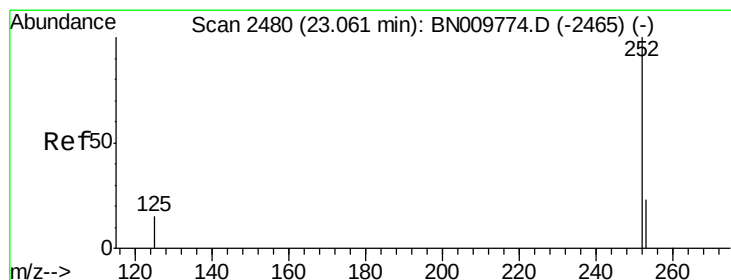
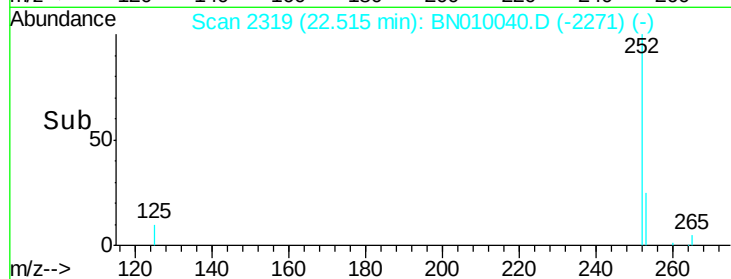
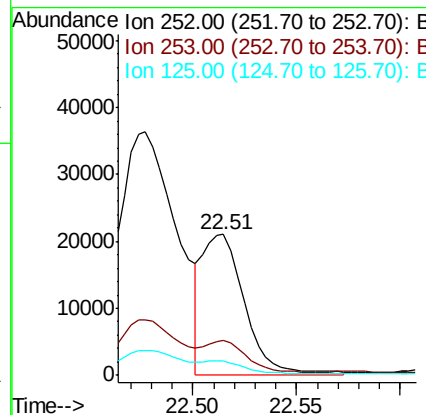
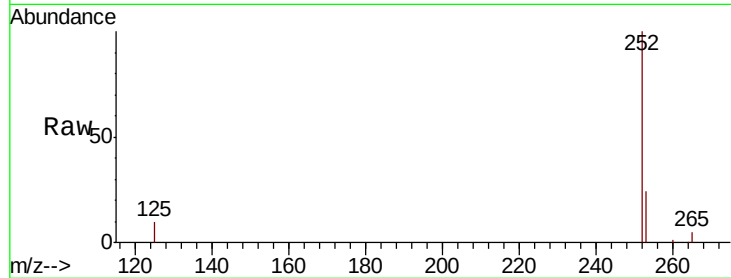
Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	22.0	33.0
125	9.9	11.1	16.7

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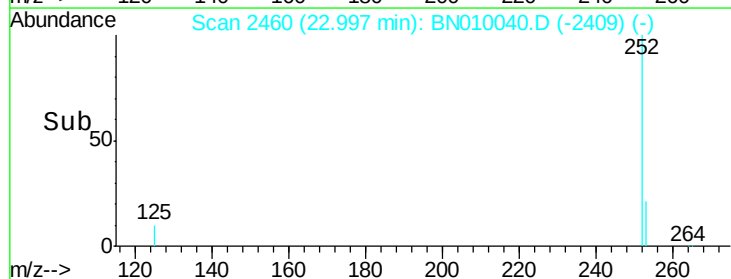
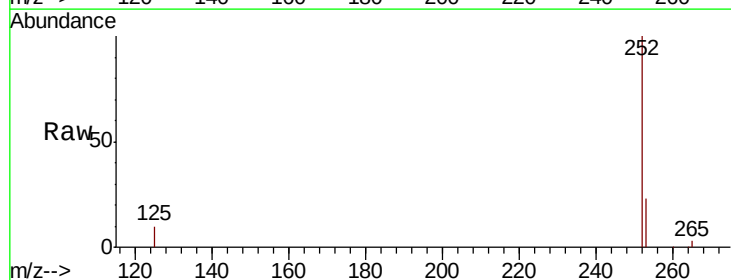
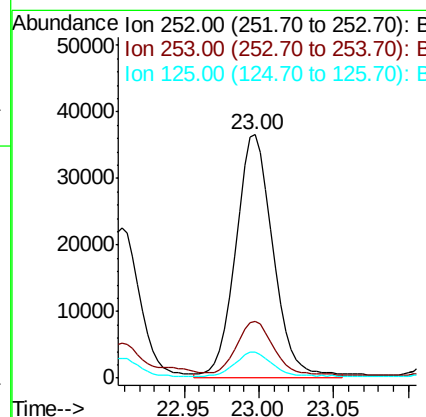
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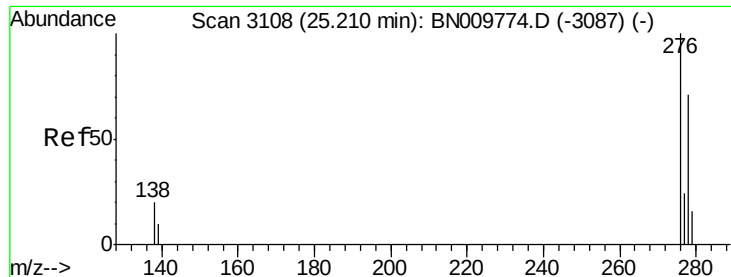
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#37
Benzo(a)pyrene
Concen: 4.180 ng m
RT: 23.00 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.6	36.8
125	10.5	14.3	21.5





#38

Dibenzo(a,h)anthracene

Concen: 1.059 ng

RT: 25.12 min Scan# 3080

Delta R.T. -0.03 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

TP-14-EP2-3MS

Tot Ion:278 Resp: 15983

Ion Ratio Lower Upper

278 100

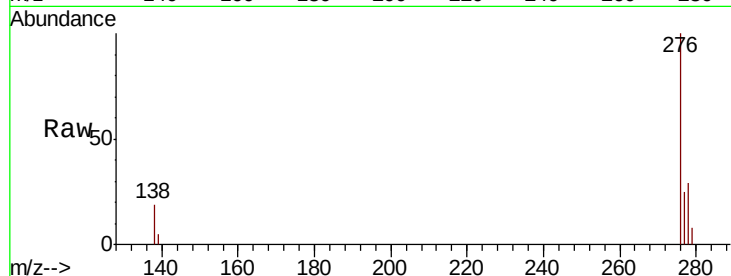
139 18.1 14.4 21.6

279 28.1 24.4 36.6

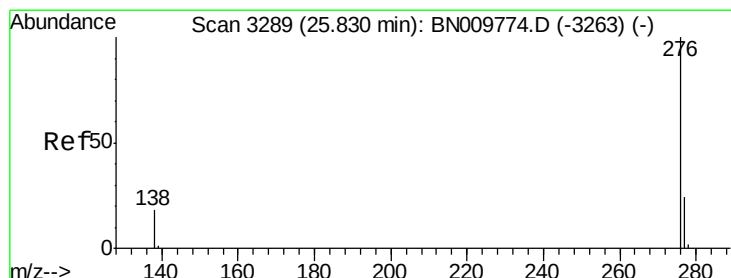
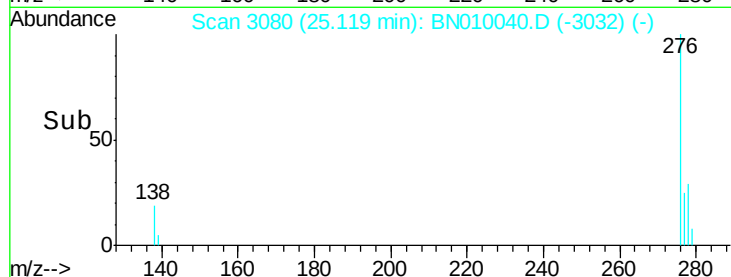
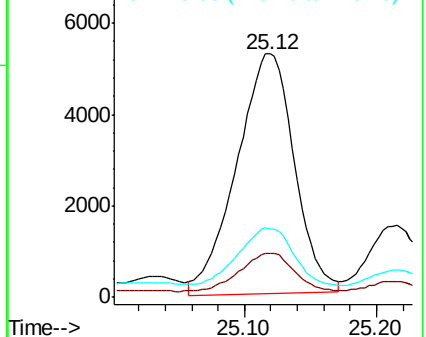
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 3.023 ng

RT: 25.73 min Scan# 3259

Delta R.T. -0.03 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Tgt Ion:276 Resp: 48597

Ion Ratio Lower Upper

276 100

277 24.7 21.4 32.0

138 19.4 17.0 25.4

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

