

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029171.D
 Acq On : 22 Dec 2023 04:05
 Operator : MA/JU
 Sample : PB157976BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157976BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 04:39:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1063	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	2009	0.400	ng	#-0.01
13) Acenaphthene-d10	14.426	164	1089	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1696	0.400	ng	# 0.00
29) Chrysene-d12	21.394	240	621	0.400	ng	0.00
35) Perylene-d12	23.712	264	867	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	816	0.321	ng	0.00
5) Phenol-d6	6.995	99	829	0.296	ng	0.00
8) Nitrobenzene-d5	8.961	82	653	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	1375	0.452	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	227	0.238	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1630	0.256	ng	0.00
27) Fluoranthene-d10	19.220	212	850	0.207	ng	0.00
31) Terphenyl-d14	19.833	244	485	0.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	254m	0.254	ng	
3) n-Nitrosodimethylamine	3.687	42	208	0.303	ng	# 67
6) bis(2-Chloroethyl)ether	7.241	93	542	0.249	ng	96
9) Naphthalene	10.626	128	1682	0.257	ng	96
10) Hexachlorobutadiene	10.893	225	506	0.235	ng	# 97
12) 2-Methylnaphthalene	12.242	142	1123	0.262	ng	100
16) Acenaphthylene	14.148	152	2014	0.262	ng	99
17) Acenaphthene	14.490	154	1134	0.246	ng	96
18) Fluorene	15.484	166	1588	0.256	ng	95
20) 4,6-Dinitro-2-methylph...	15.592	198	86	0.169	ng	# 88
21) 4-Bromophenyl-phenylether	16.387	248	410	0.234	ng	95
22) Hexachlorobenzene	16.473	284	530	0.259	ng	95
23) Atrazine	16.684	200	420	0.285	ng	97
24) Pentachlorophenol	16.833	266	518	0.428	ng	91
25) Phenanthrene	17.218	178	1954	0.279	ng	97
26) Anthracene	17.318	178	1835	0.271	ng	99
28) Fluoranthene	19.252	202	1537	0.212	ng	98
30) Pyrene	19.615	202	1524	0.312	ng	97
32) Benzo(a)anthracene	21.376	228	965	0.283	ng	99
33) Chrysene	21.429	228	962	0.285	ng	98
34) Bis(2-ethylhexyl)phtha...	21.313	149	1177	0.259	ng	98
36) Indeno(1,2,3-cd)pyrene	26.086	276	1665	0.298	ng	97
37) Benzo(b)fluoranthene	23.008	252	1187	0.269	ng	97
38) Benzo(k)fluoranthene	23.058	252	1090	0.252	ng	95
39) Benzo(a)pyrene	23.610	252	1073	0.273	ng	93
40) Dibenzo(a,h)anthracene	26.110	278	1306m	0.304	ng	
41) Benzo(g,h,i)perylene	26.814	276	1409	0.298	ng	94

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

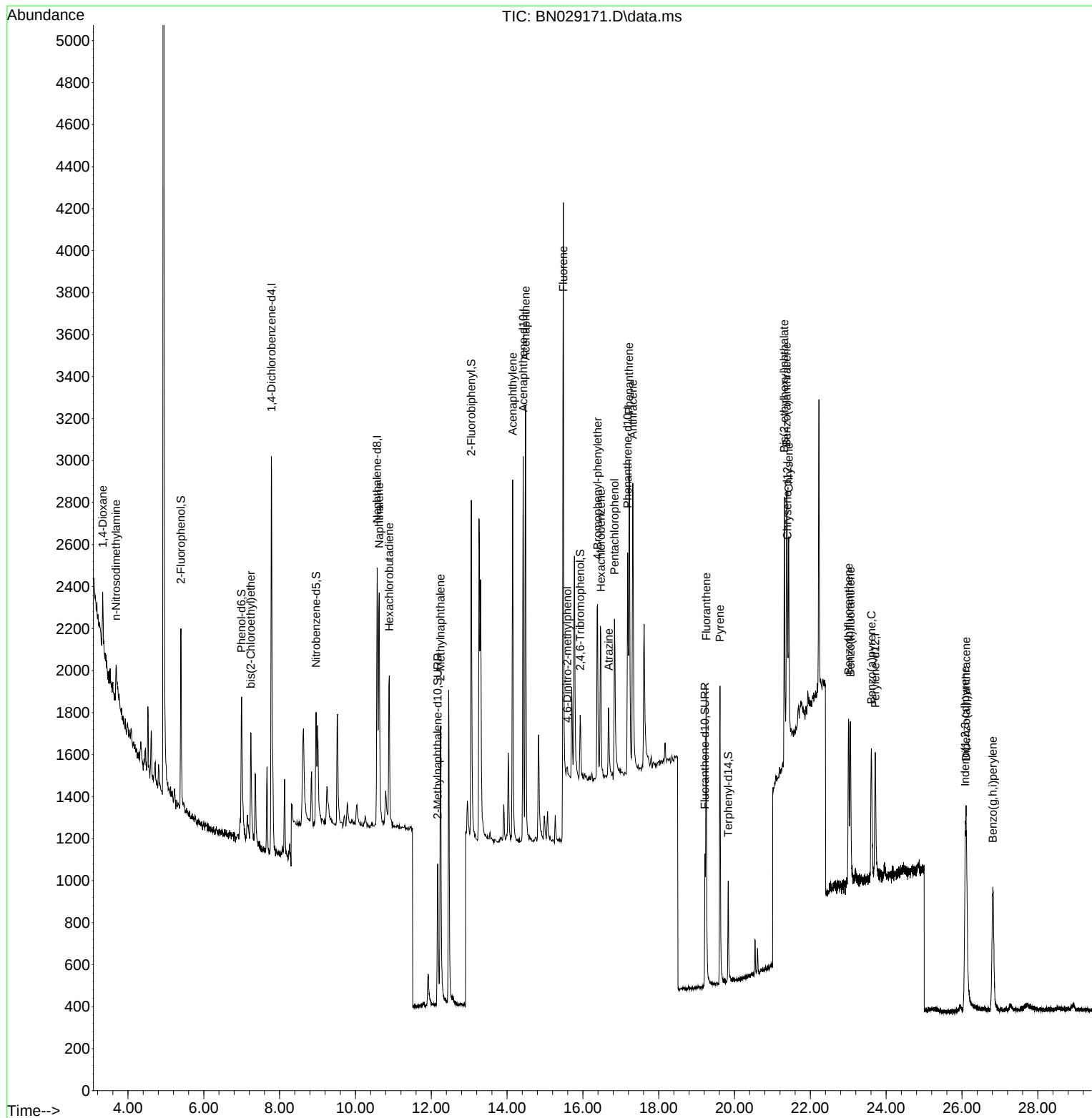
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029171.D
 Acq On : 22 Dec 2023 04:05
 Operator : MA/JU
 Sample : PB157976BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

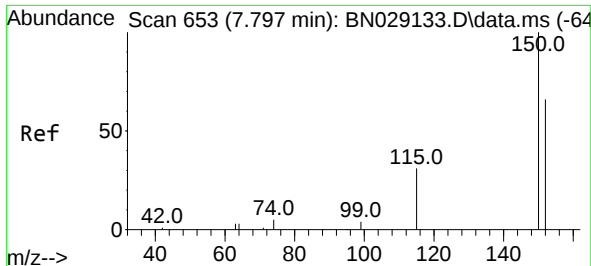
Instrument :
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Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 12/22/2023

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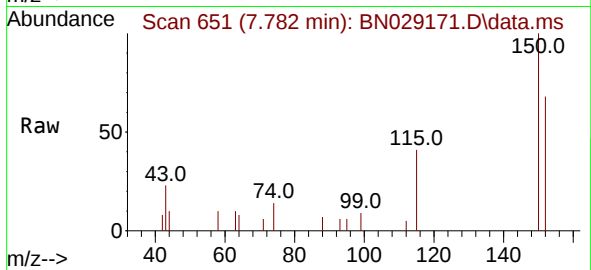
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Instrument :

BNA_N

ClientSampleId :

PB157976BSD



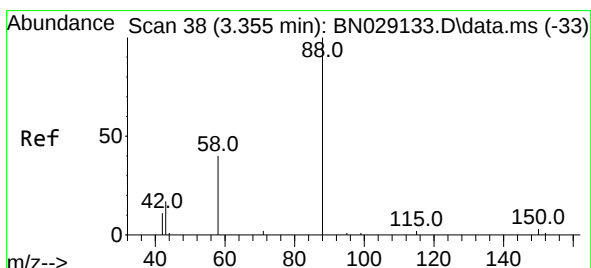
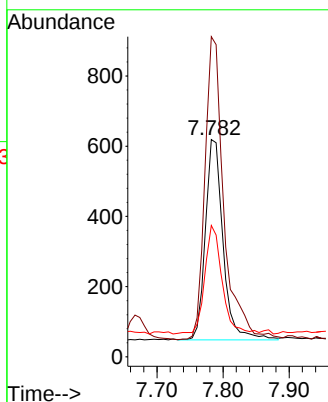
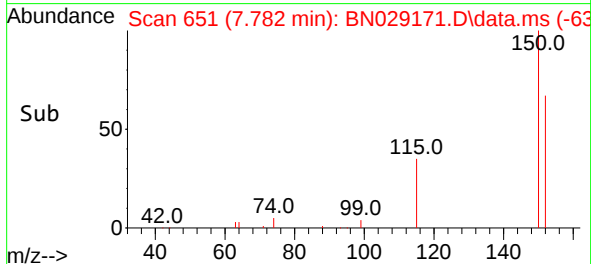
Tgt Ion:152 Resp: 106
Ion Ratio Lower Upper
152 100
150 147.3 117.6 176.4
115 60.4 44.2 66.2

Manual Integrations

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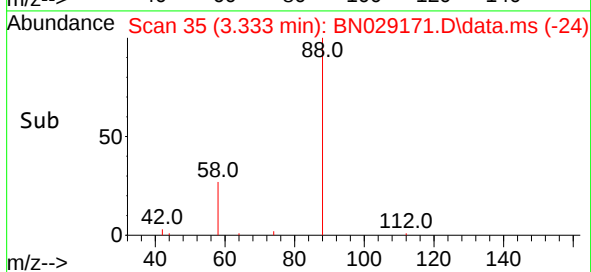
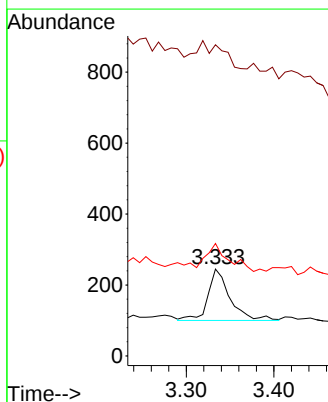
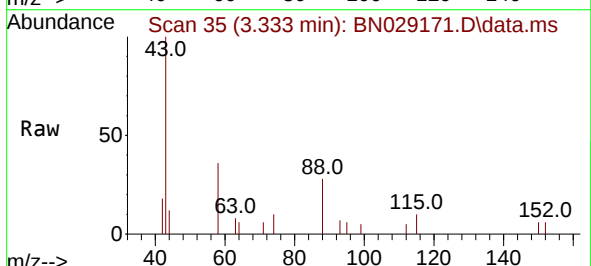
Reviewed By :Yogesh Patel 12/22/2023

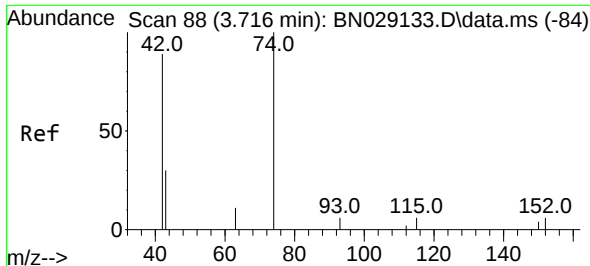
Supervised By :mohammad ahmed 12/22/2023



#2
1,4-Dioxane
Concen: 0.254 ng m
RT: 3.333 min Scan# 35
Delta R.T. -0.022 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

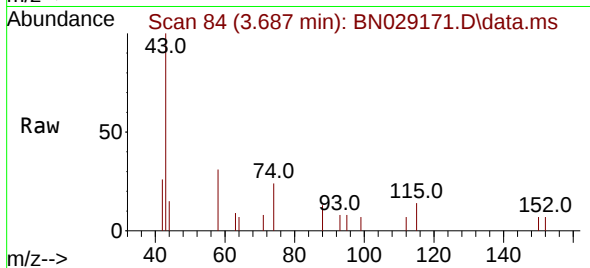
Tgt Ion: 88 Resp: 254
Ion Ratio Lower Upper
88 100
43 58.3 20.1 30.1#
58 53.1 35.4 53.2





#3
n-Nitrosodimethylamine
Concen: 0.303 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.029 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

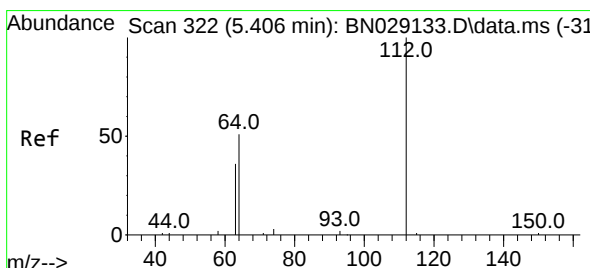
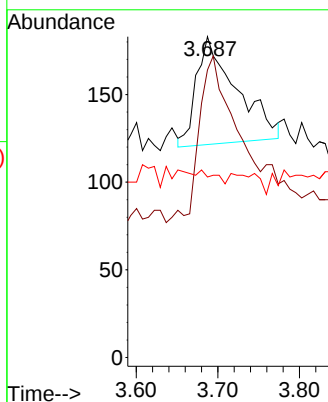
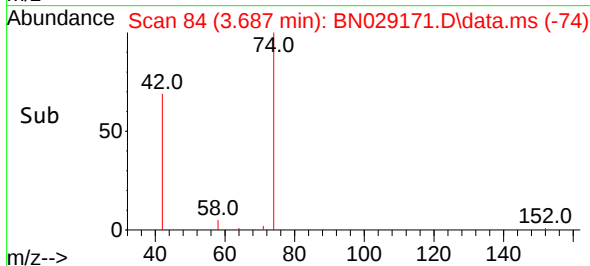
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



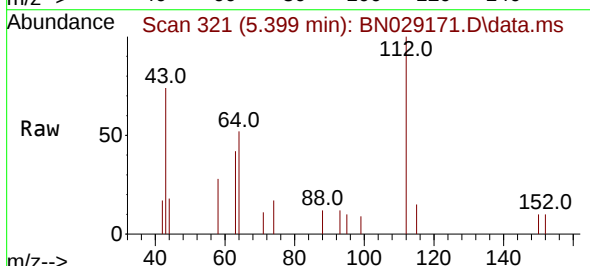
Tgt Ion: 42 Resp: 208
Ion Ratio Lower Upper
42 100
74 167.3 103.0 154.4
44 0.0 3.2 4.8

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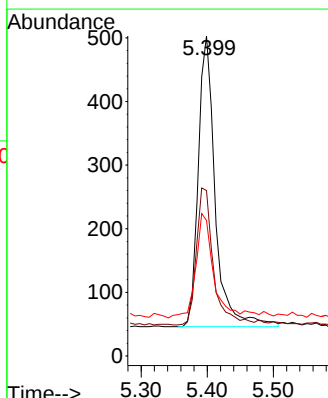
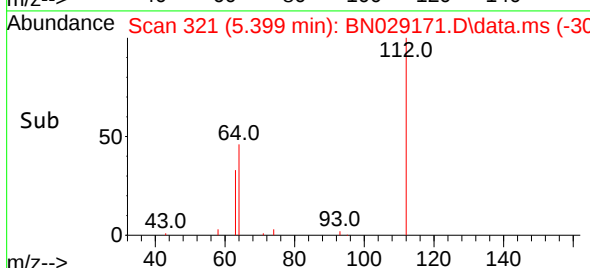
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

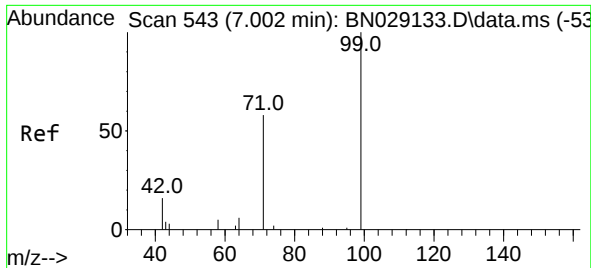


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05



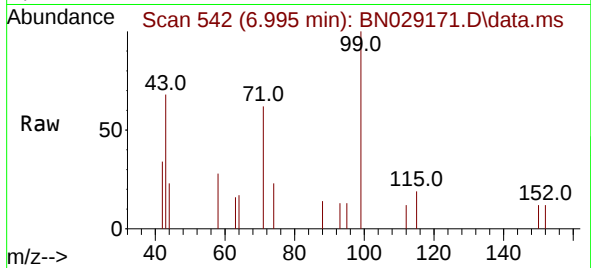
Tgt Ion:112 Resp: 816
Ion Ratio Lower Upper
112 100
64 46.8 38.6 58.0
63 36.3 30.0 45.0





#5
Phenol-d6
Concen: 0.296 ng
RT: 6.995 min Scan# 543
Delta R.T. -0.007 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

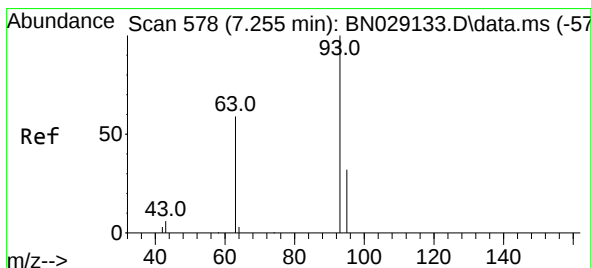
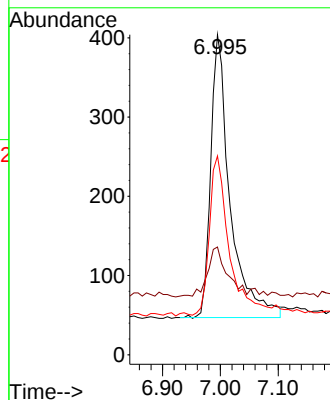
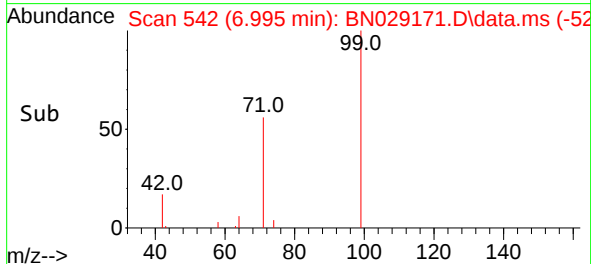
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



Tgt Ion: 99 Resp: 829
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.6
71 57.5 45.4 68.2

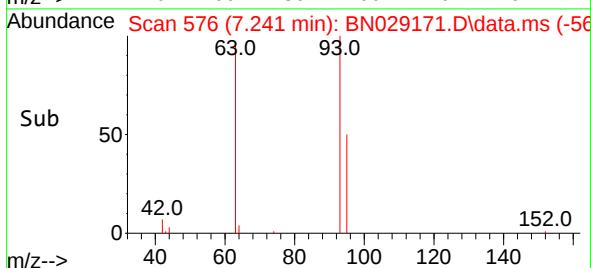
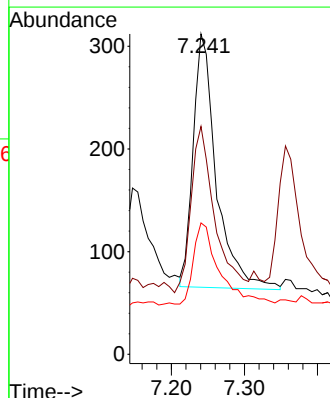
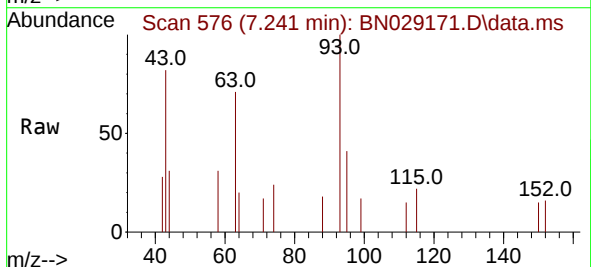
Manual Integrations
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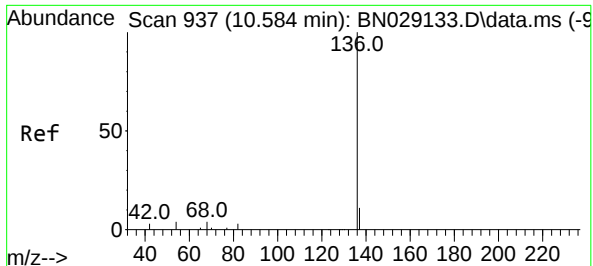
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.249 ng
RT: 7.241 min Scan# 576
Delta R.T. -0.015 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Tgt Ion: 93 Resp: 542
Ion Ratio Lower Upper
93 100
63 67.3 57.0 85.6
95 35.4 27.4 41.2





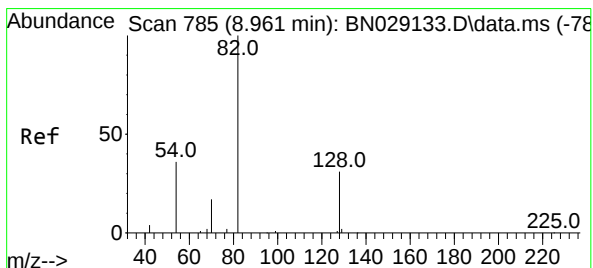
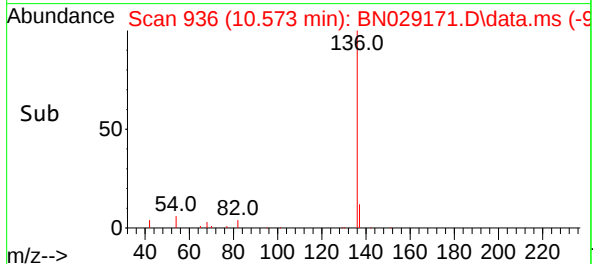
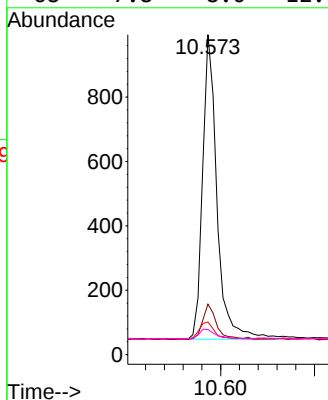
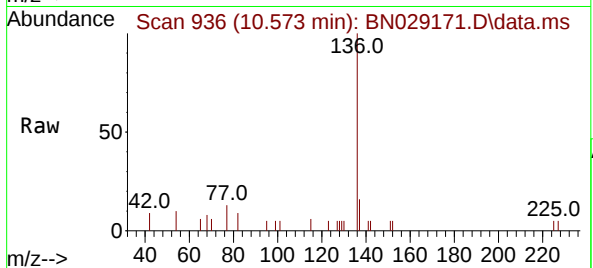
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

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Tgt Ion:	136	Resp:	2009
Ion	Ratio	Lower	Upper
136	100		
137	15.8	13.4	20.0
54	10.2	8.6	13.0
68	7.8	8.0	12.0

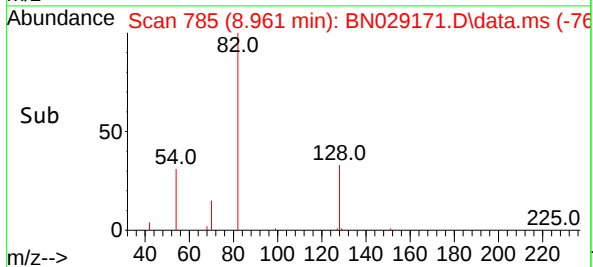
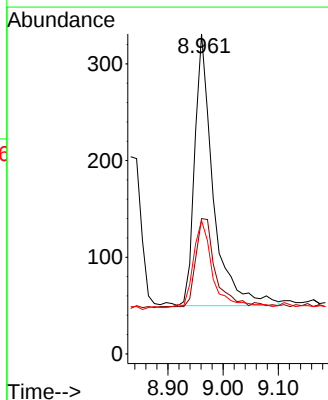
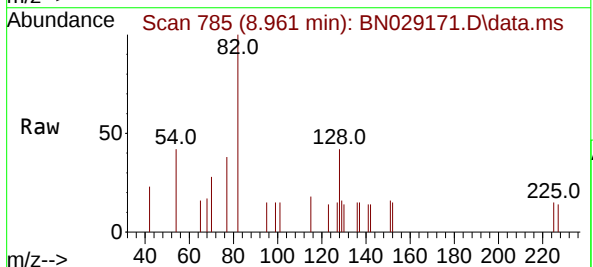
Manual Integrations
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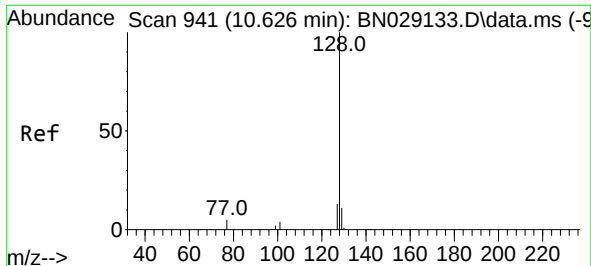
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Tgt Ion:	82	Resp:	653
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.0	49.4
54	41.7	35.8	53.8





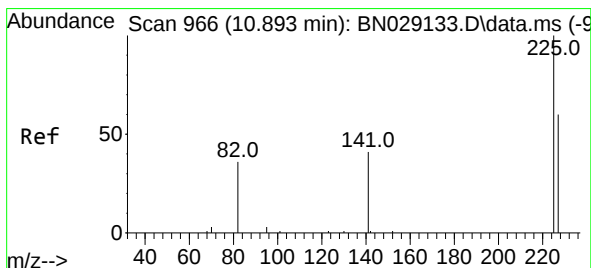
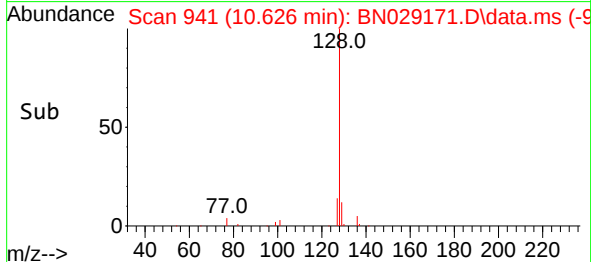
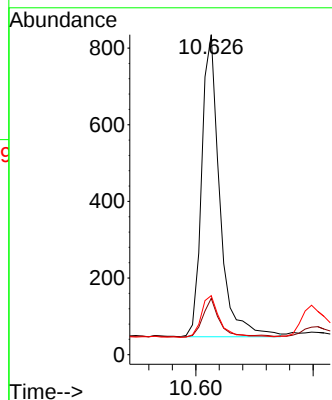
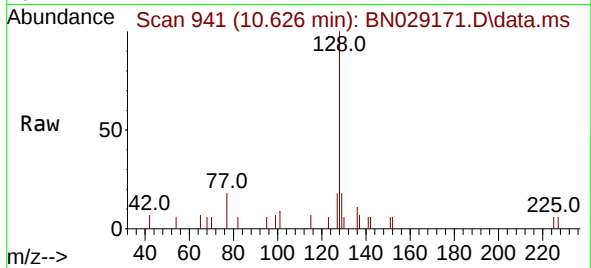
#9
Naphthalene
Concen: 0.257 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Instrument :
BNA_N
ClientSampleId :
PB157976BSD

Tgt Ion:128 Resp: 168
Ion Ratio Lower Upper
128 100
129 17.6 12.0 18.0
127 18.4 14.1 21.1

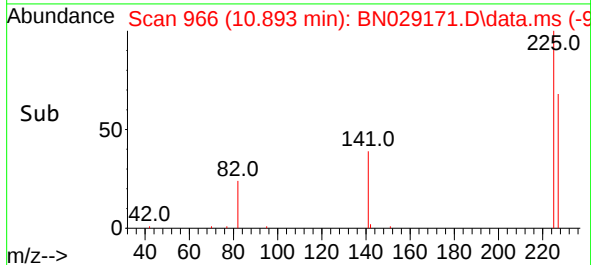
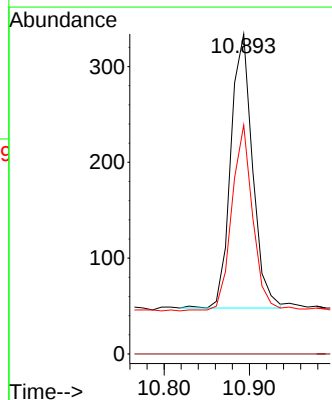
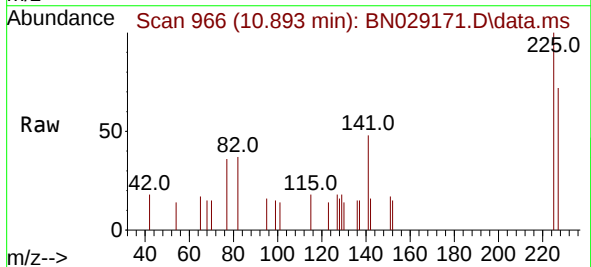
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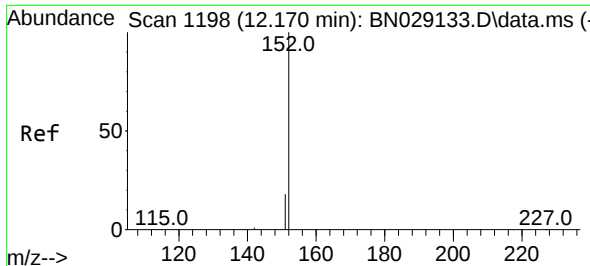
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#10
Hexachlorobutadiene
Concen: 0.235 ng
RT: 10.893 min Scan# 966
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

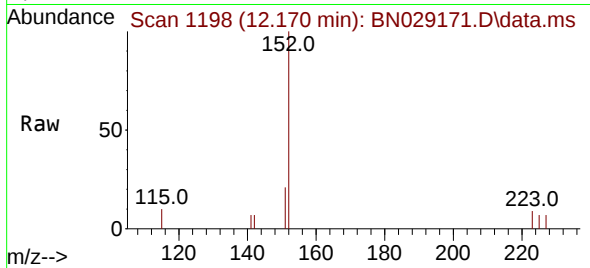
Tgt Ion:225 Resp: 506
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.4 50.6 75.8





#11
2-Methylnaphthalene-d10
Concen: 0.452 ng
RT: 12.170 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

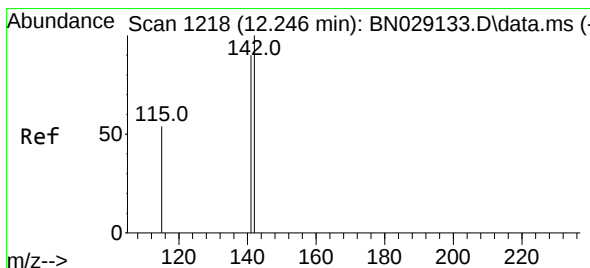
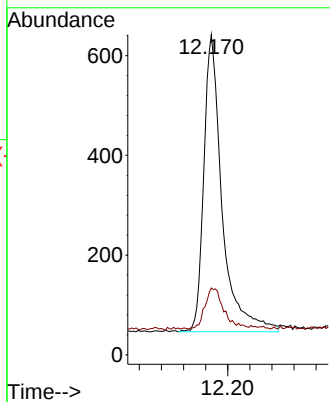
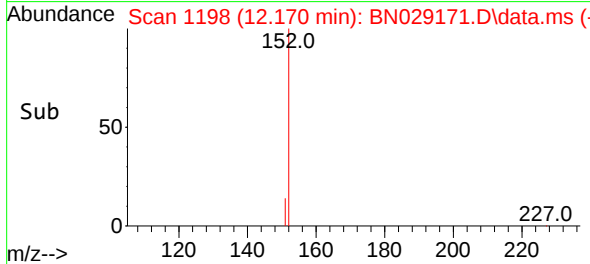
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



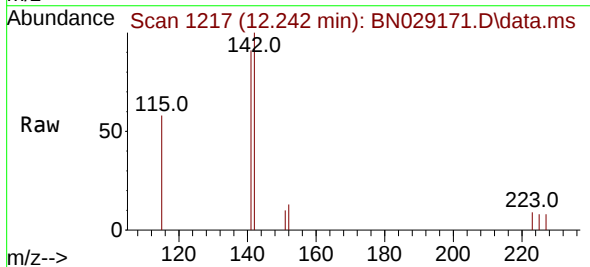
Tgt Ion:152 Resp: 1375
Ion Ratio Lower Upper
152 100
151 13.5 17.4 26.2

Manual Integrations
APPROVED

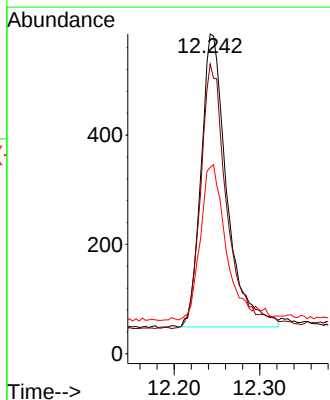
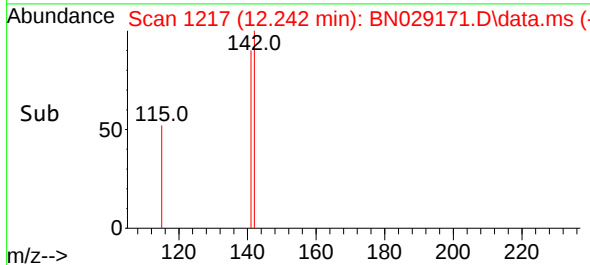
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

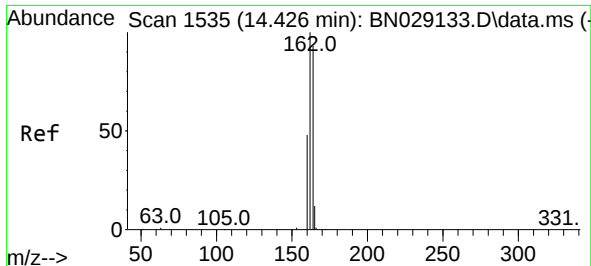


#12
2-Methylnaphthalene
Concen: 0.262 ng
RT: 12.242 min Scan# 1217
Delta R.T. -0.004 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05



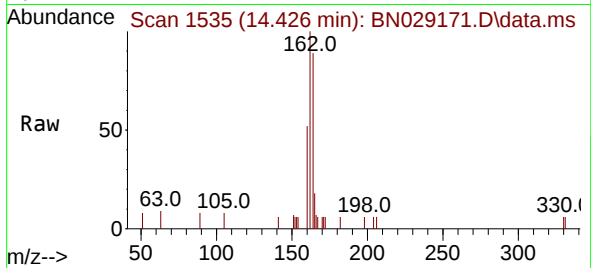
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Ion Ratio Lower Upper
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141 90.6 73.0 109.4
115 58.3 46.8 70.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

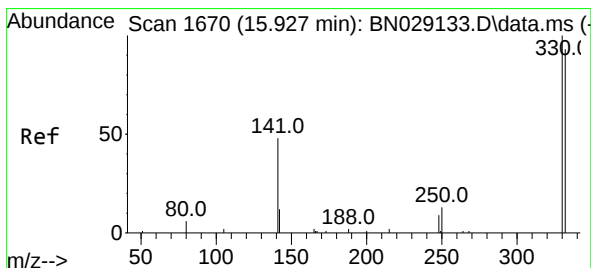
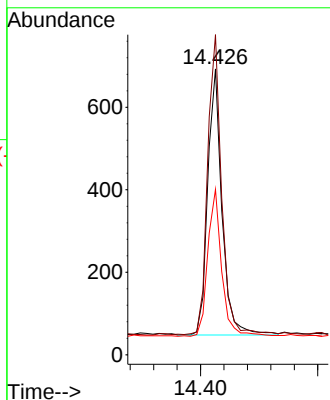
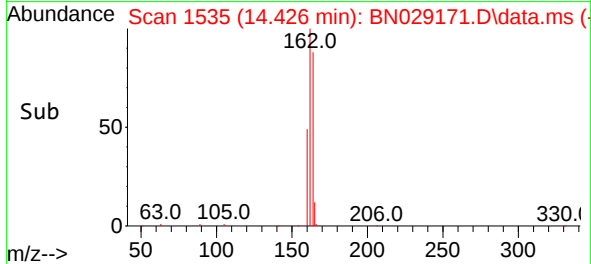
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



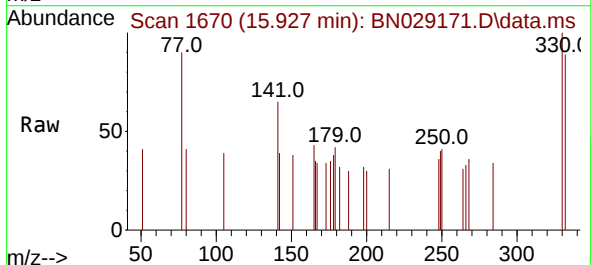
Tgt Ion:164 Resp: 1089
Ion Ratio Lower Upper
164 100
162 112.0 85.0 127.4
160 57.9 45.8 68.8

Manual Integrations
APPROVED

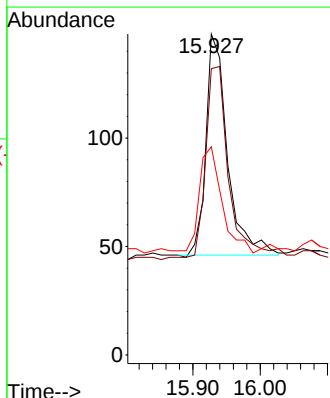
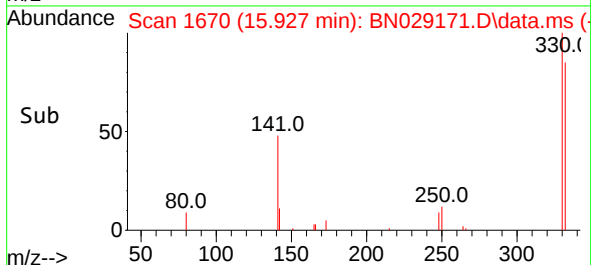
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

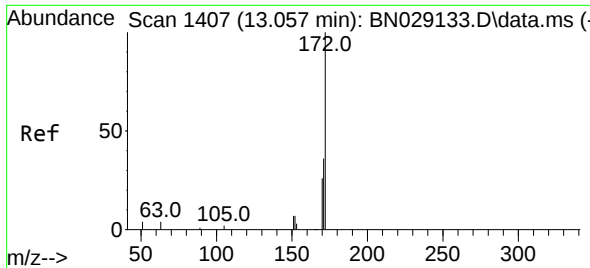


#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05



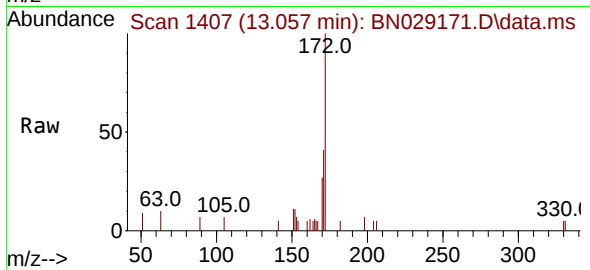
Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 94.3 83.4 125.0
141 50.7 43.8 65.8





#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

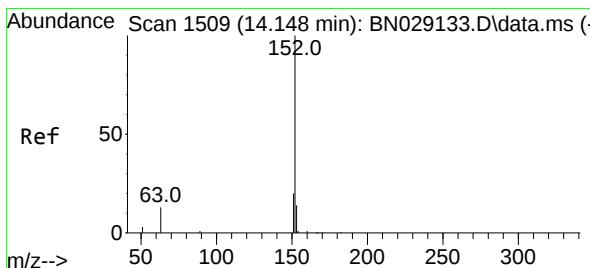
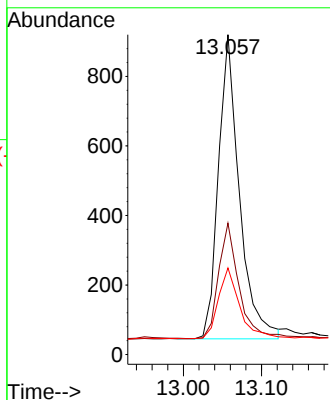
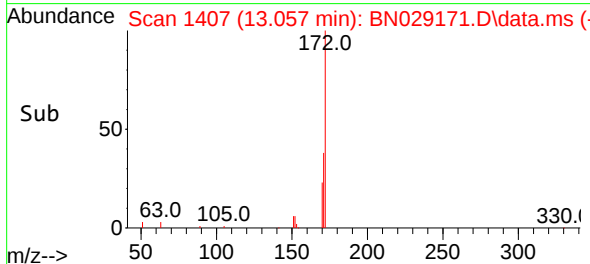
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



Tgt Ion:172 Resp: 1630
Ion Ratio Lower Upper
172 100
171 41.1 32.2 48.4
170 27.1 25.0 37.4

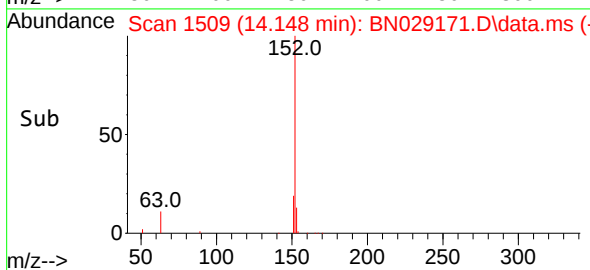
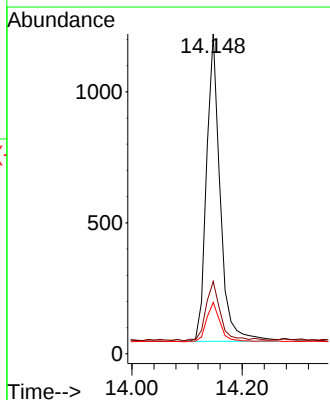
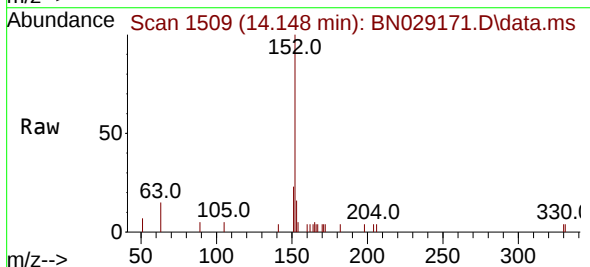
Manual Integrations
APPROVED

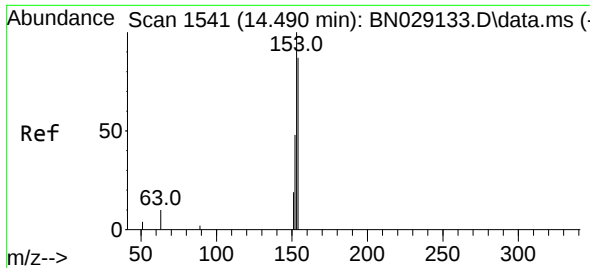
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#16
Acenaphthylene
Concen: 0.262 ng
RT: 14.148 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

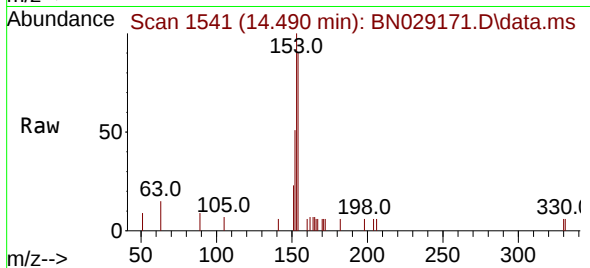
Tgt Ion:152 Resp: 2014
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 12.9 10.1 15.1





#17
Acenaphthene
Concen: 0.246 ng
RT: 14.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

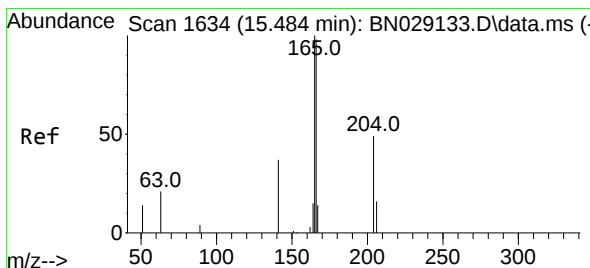
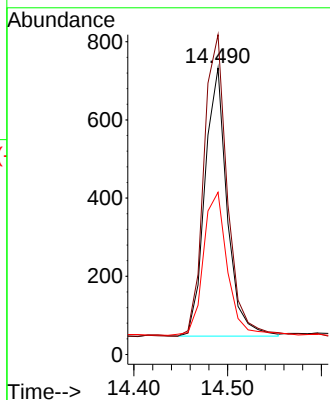
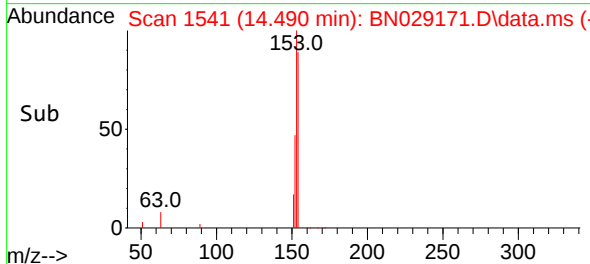
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



Tgt Ion:154 Resp: 1134
Ion Ratio Lower Upper
154 100
153 119.7 99.9 149.9
152 57.8 47.4 71.2

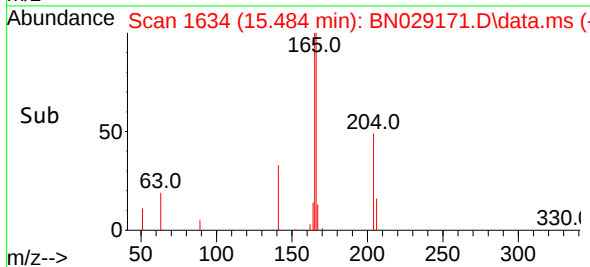
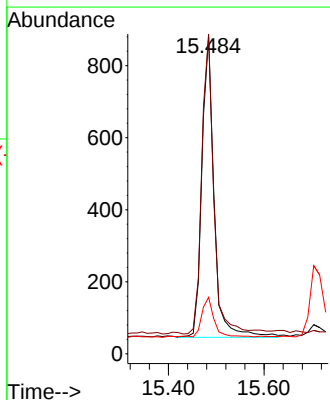
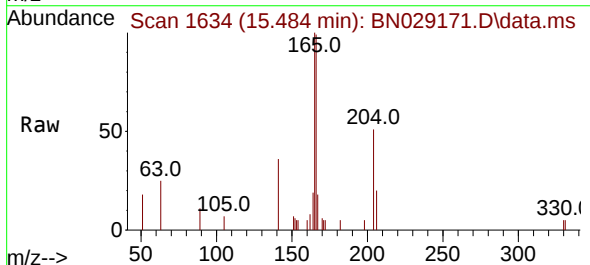
Manual Integrations
APPROVED

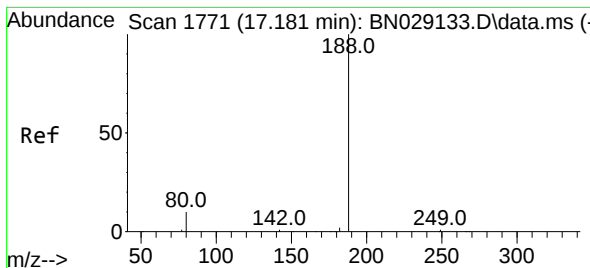
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#18
Fluorene
Concen: 0.256 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Tgt Ion:166 Resp: 1588
Ion Ratio Lower Upper
166 100
165 98.9 83.4 125.0
167 13.6 11.8 17.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Instrument :

BNA_N

ClientSampleId :

PB157976BSD

Tgt Ion:188 Resp: 1690

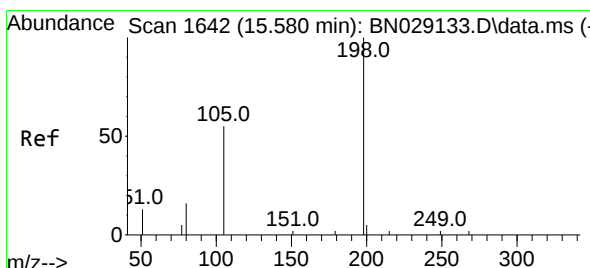
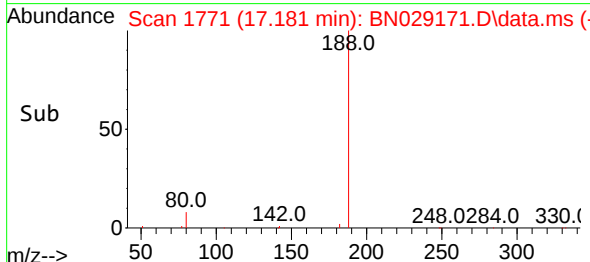
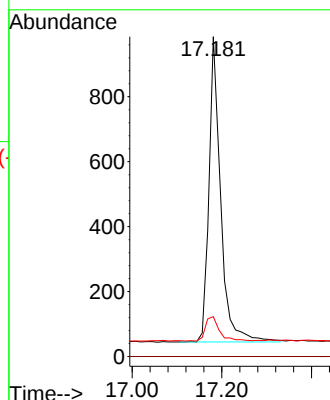
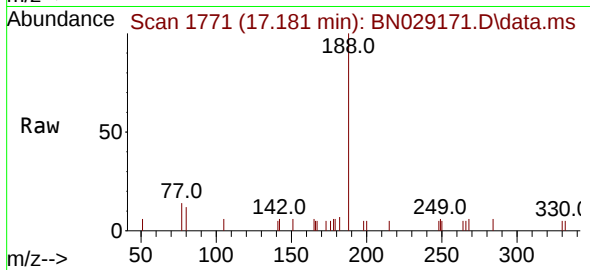
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#20

4,6-Dinitro-2-methylphenol

Concen: 0.169 ng

RT: 15.592 min Scan# 1643

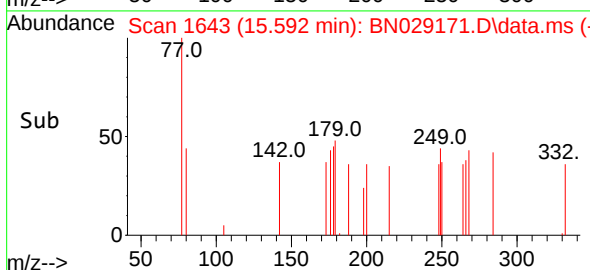
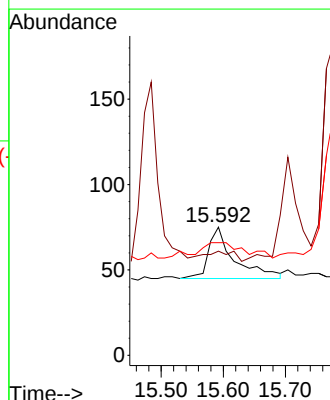
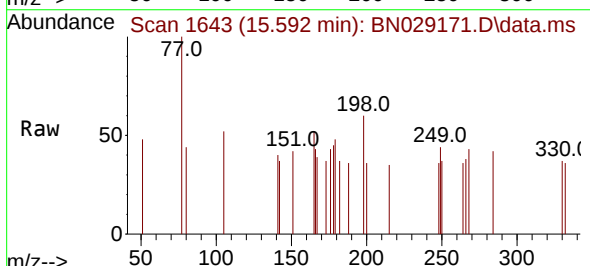
Delta R.T. 0.012 min

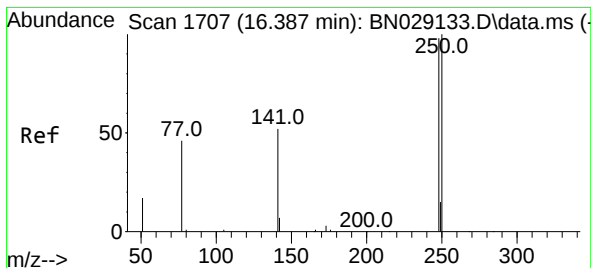
Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Tgt Ion:198 Resp: 86

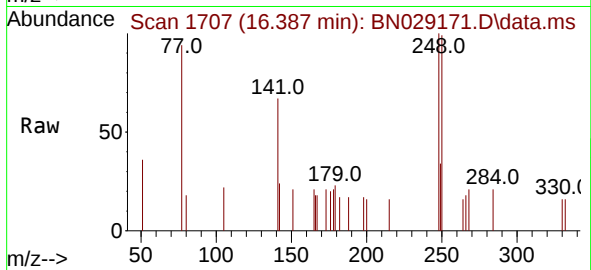
Ion	Ratio	Lower	Upper
198	100		
51	81.3	53.6	80.4
105	88.0	65.6	98.4





#21
4-Bromophenyl-phenylether
Concen: 0.234 ng
RT: 16.387 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

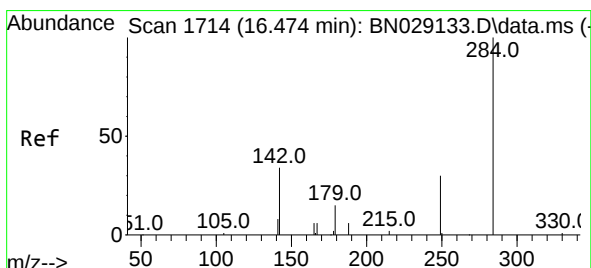
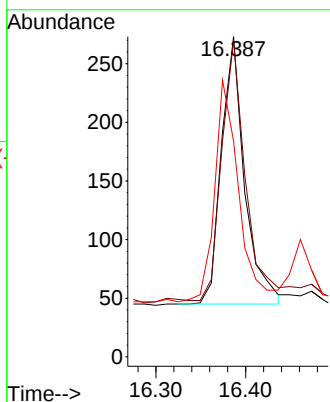
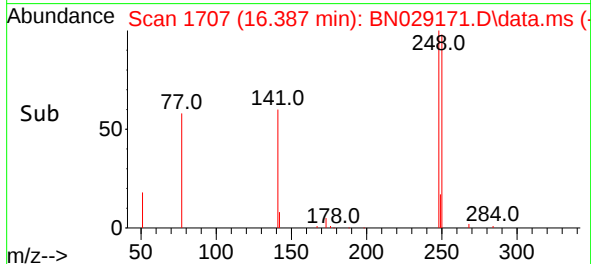
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



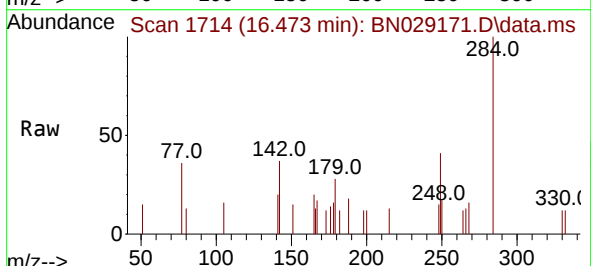
Tgt Ion:248 Resp: 410
Ion Ratio Lower Upper
248 100
250 98.9 82.2 123.2
141 67.4 49.7 74.5

Manual Integrations
APPROVED

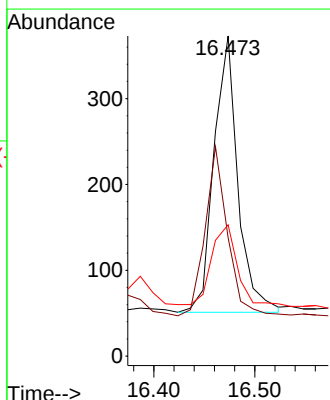
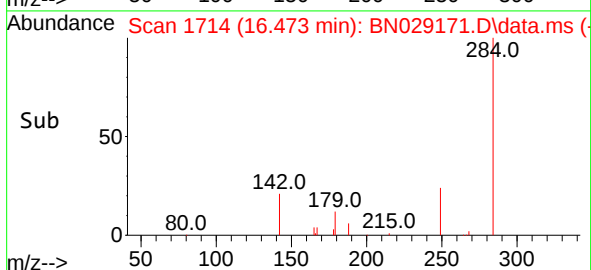
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

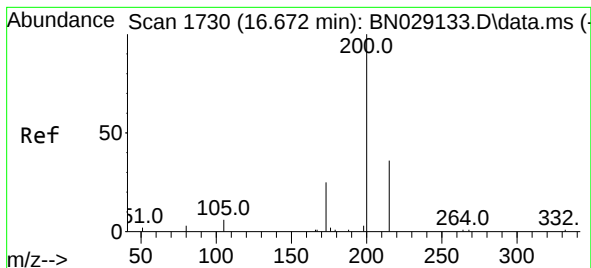


#22
Hexachlorobenzene
Concen: 0.259 ng
RT: 16.473 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05



Tgt Ion:284 Resp: 530
Ion Ratio Lower Upper
284 100
142 57.0 46.9 70.3
249 30.0 28.6 43.0





#23

Atrazine

Concen: 0.285 ng

RT: 16.684 min Scan# 1731

Delta R.T. 0.012 min

Lab File: BN029171.D

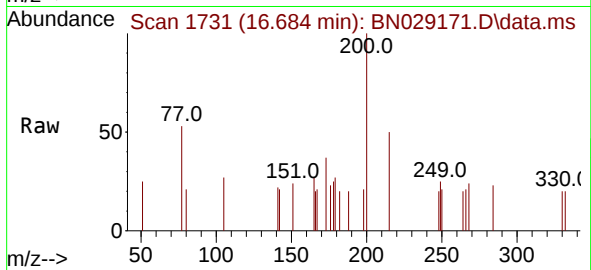
Acq: 22 Dec 2023 04:05

Instrument :

BNA_N

ClientSampleId :

PB157976BSD



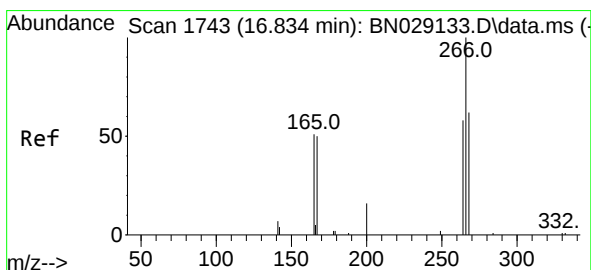
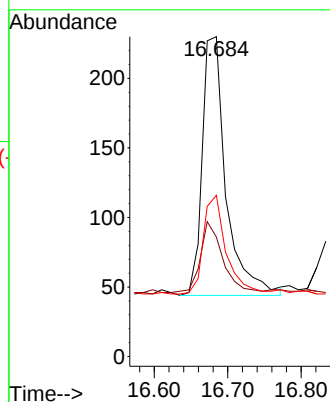
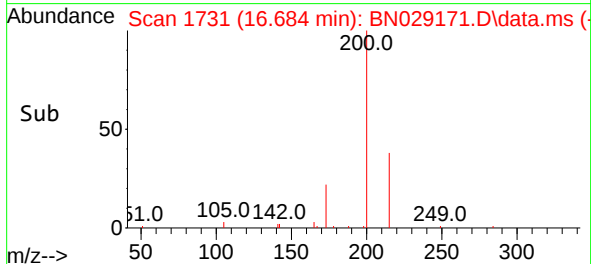
Tgt Ion:	200	Resp:	420
Ion Ratio	Lower	Upper	
200	100		
173	37.4	31.4	47.2
215	50.4	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#24

Pentachlorophenol

Concen: 0.428 ng

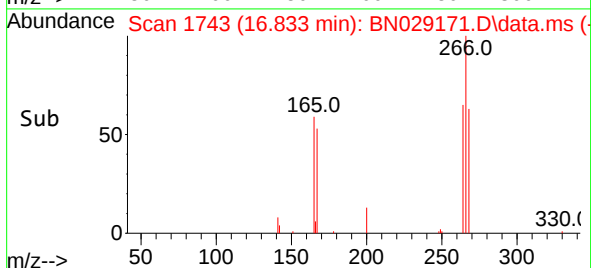
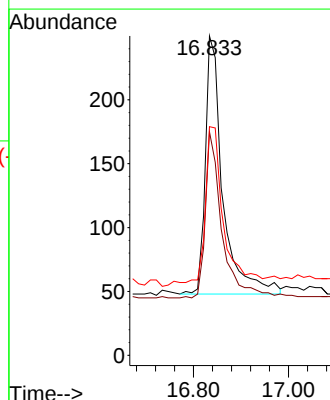
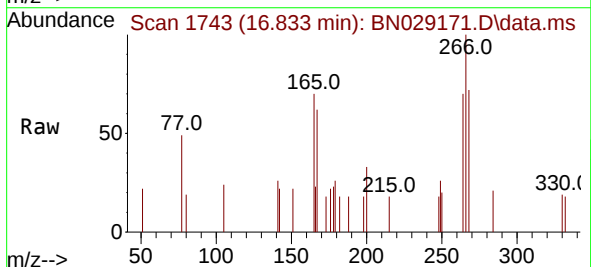
RT: 16.833 min Scan# 1743

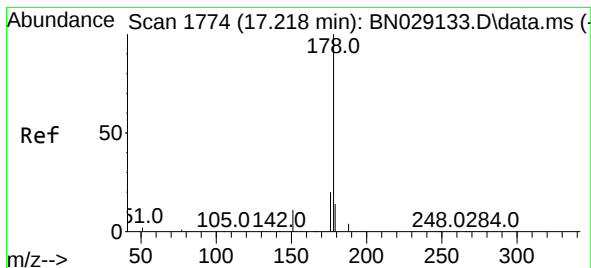
Delta R.T. -0.000 min

Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Tgt Ion:	266	Resp:	518
Ion Ratio	Lower	Upper	
266	100		
264	60.8	45.0	67.6
268	60.4	55.5	83.3





#25

Phenanthrene

Concen: 0.279 ng

RT: 17.218 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Instrument :

BNA_N

ClientSampleId :

PB157976BSD

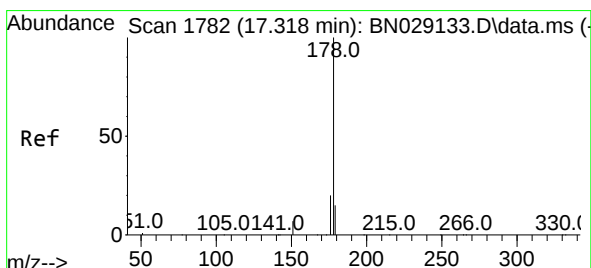
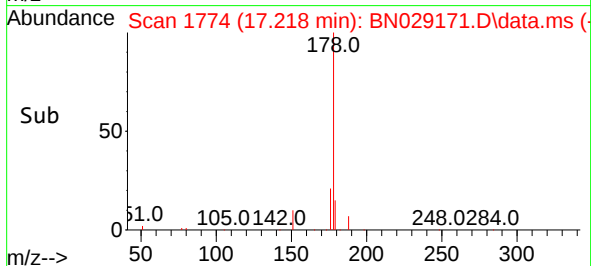
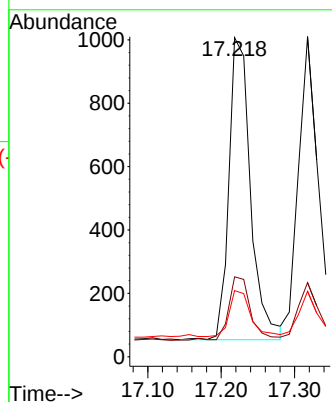
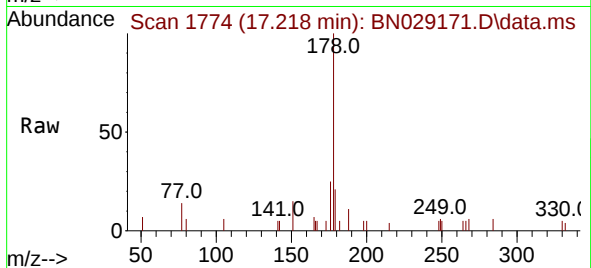
Tgt Ion:	178	Resp:	1954
Ion Ratio	Lower	Upper	
178	100		
176	21.3	17.4	26.0
179	14.8	13.7	20.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#26

Anthracene

Concen: 0.271 ng

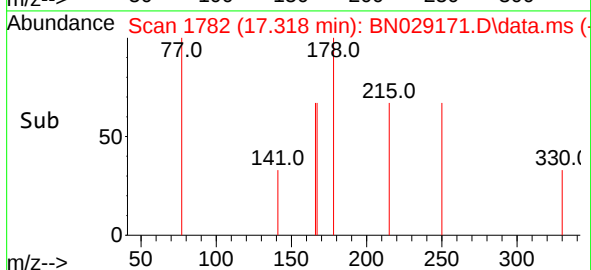
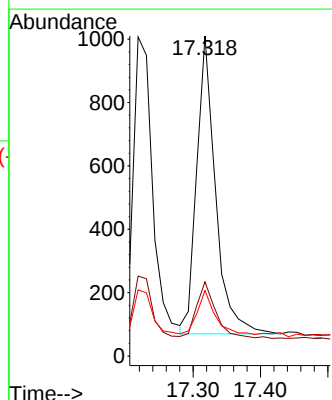
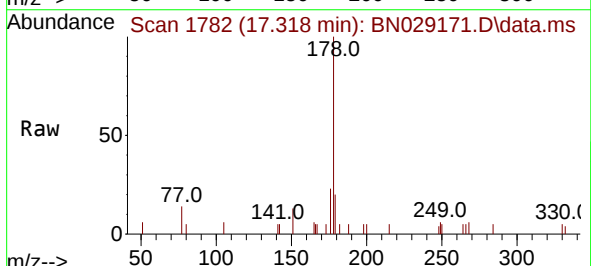
RT: 17.318 min Scan# 1782

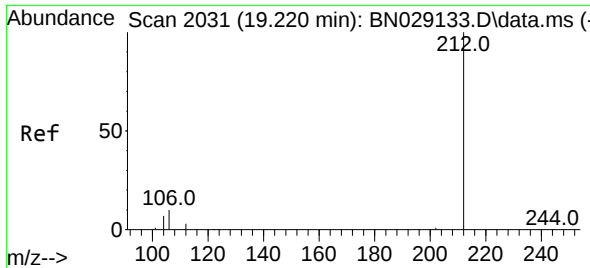
Delta R.T. -0.000 min

Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Tgt Ion:	178	Resp:	1835
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	13.7	11.4	17.0





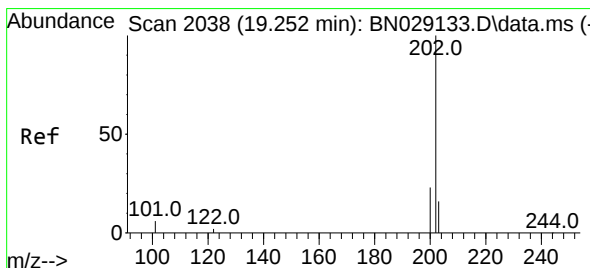
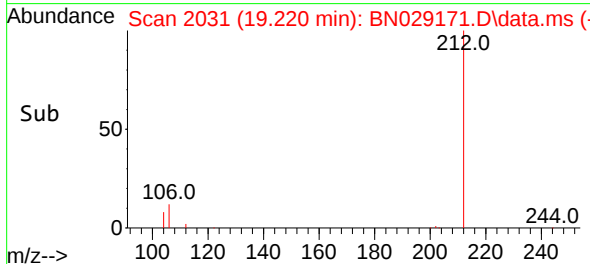
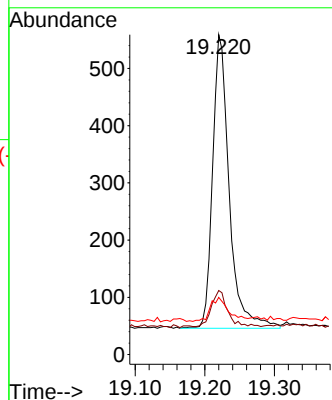
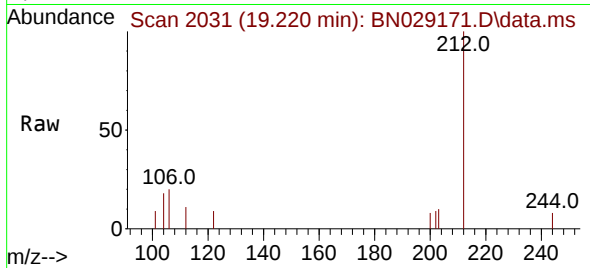
#27
Fluoranthene-d10
Concen: 0.207 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Instrument :
BNA_N
ClientSampleId :
PB157976BSD

Tgt Ion:212 Resp: 850
Ion Ratio Lower Upper
212 100
106 11.6 9.6 14.4
104 8.8 6.5 9.7

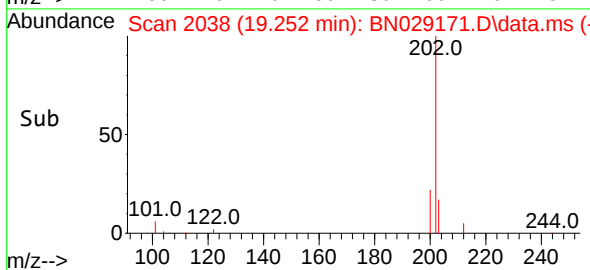
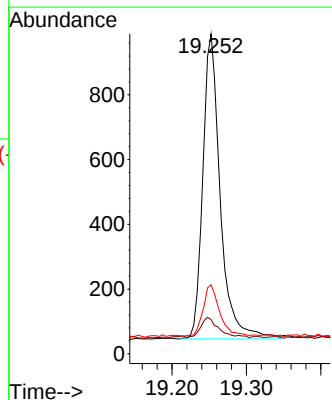
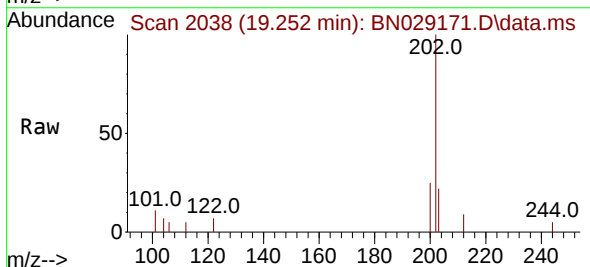
Manual Integrations
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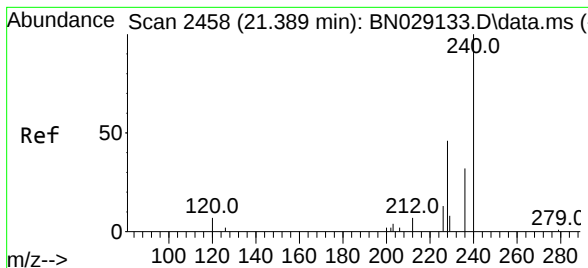
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#28
Fluoranthene
Concen: 0.212 ng
RT: 19.252 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Tgt Ion:202 Resp: 1537
Ion Ratio Lower Upper
202 100
101 6.8 5.3 7.9
203 15.8 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.394 min Scan# 2459

Delta R.T. 0.005 min

Lab File: BN029171.D

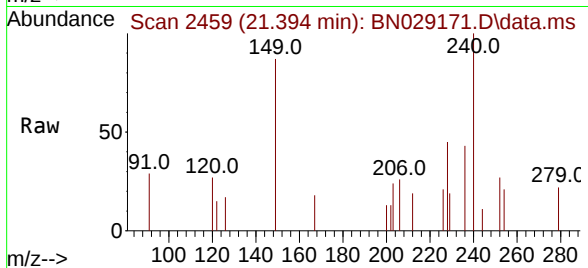
Acq: 22 Dec 2023 04:05

Instrument :

BNA_N

ClientSampleId :

PB157976BSD



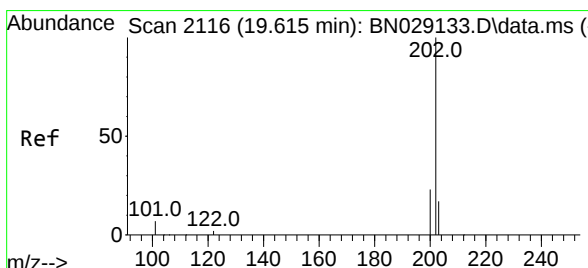
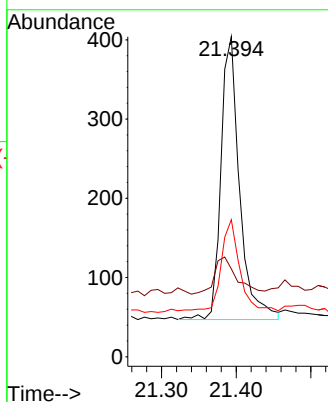
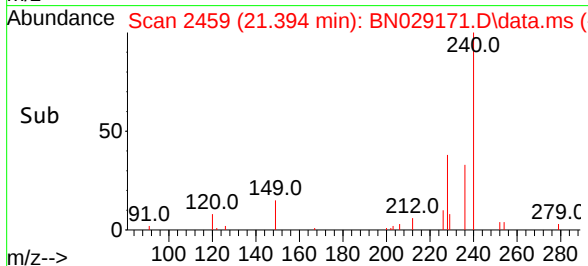
Tgt Ion:	240	Resp:	62
Ion Ratio	Lower	Upper	
240	100		
120	27.5	21.4	32.0
236	42.8	33.5	50.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#30

Pyrene

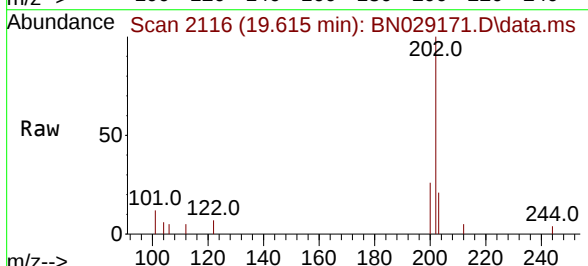
Concen: 0.312 ng

RT: 19.615 min Scan# 2116

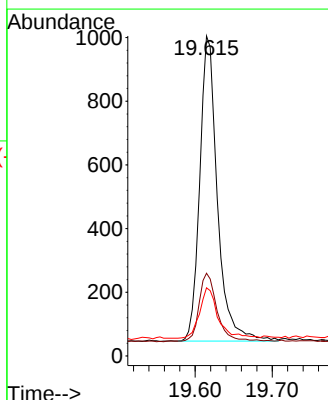
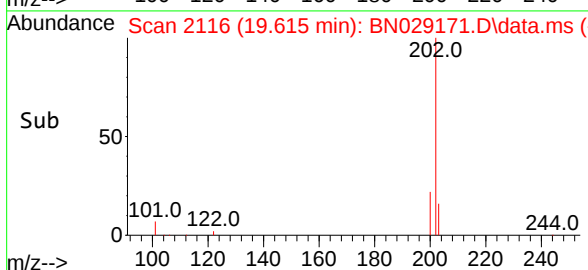
Delta R.T. -0.000 min

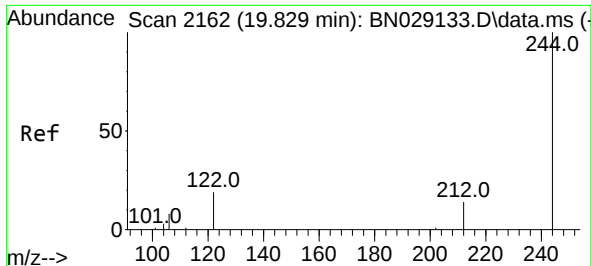
Lab File: BN029171.D

Acq: 22 Dec 2023 04:05



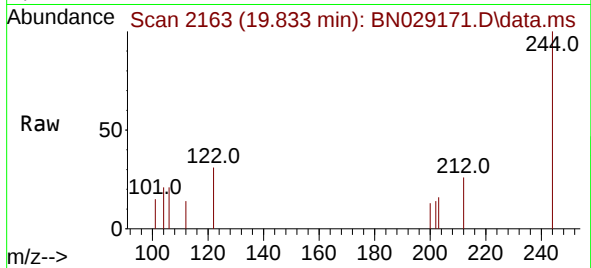
Tgt Ion:	202	Resp:	1524
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.0	27.0
203	17.2	15.1	22.7





#31
 Terphenyl-d14
 Concen: 0.284 ng
 RT: 19.833 min Scan# 2163
 Delta R.T. 0.005 min
 Lab File: BN029171.D
 Acq: 22 Dec 2023 04:05

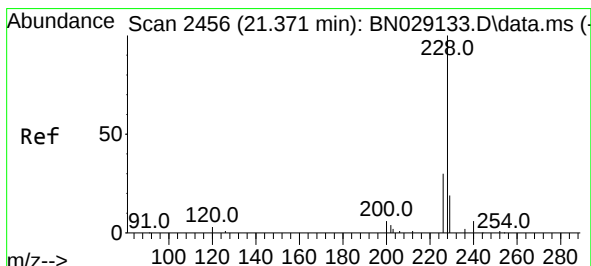
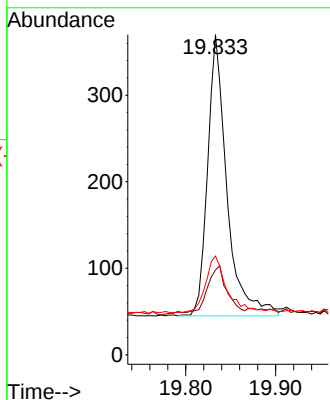
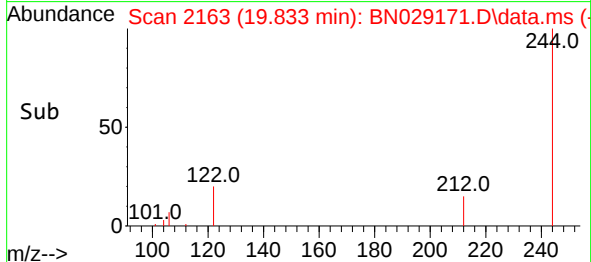
Instrument :
 BNA_N
 ClientSampleId :
 PB157976BSD



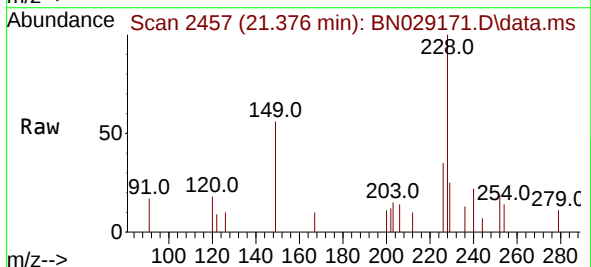
Tgt Ion:244 Resp: 485
 Ion Ratio Lower Upper
 244 100
 212 26.5 19.0 28.6
 122 30.8 22.5 33.7

Manual Integrations
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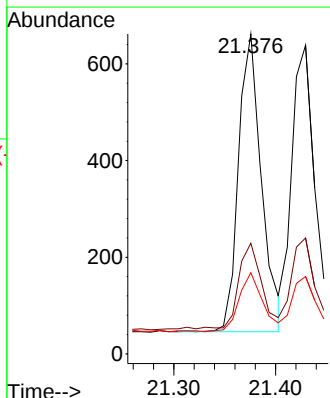
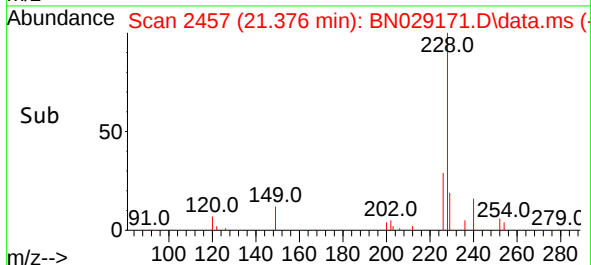
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

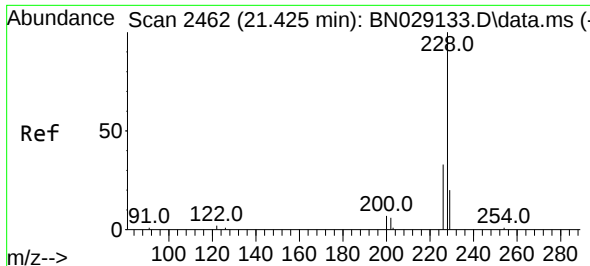


#32
 Benzo(a)anthracene
 Concen: 0.283 ng
 RT: 21.376 min Scan# 2457
 Delta R.T. 0.005 min
 Lab File: BN029171.D
 Acq: 22 Dec 2023 04:05



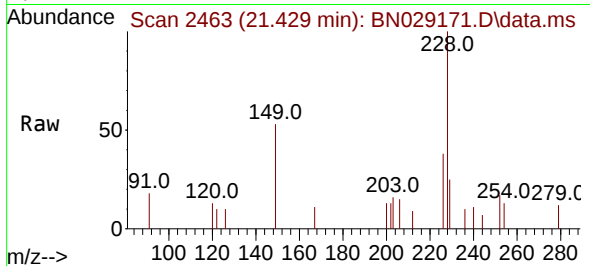
Tgt Ion:228 Resp: 965
 Ion Ratio Lower Upper
 228 100
 226 34.6 27.6 41.4
 229 25.4 19.4 29.0





#33
Chrysene
Concen: 0.285 ng
RT: 21.429 min Scan# 2462
Delta R.T. 0.005 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

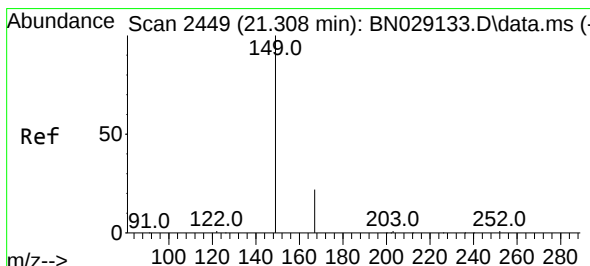
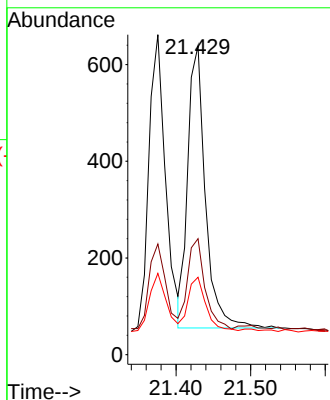
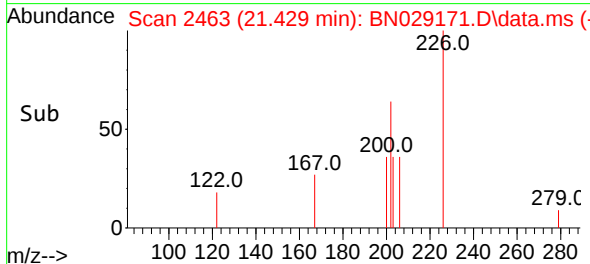
Instrument :
BNA_N
ClientSampleId :
PB157976BSD



Tgt Ion:228 Resp: 962
Ion Ratio Lower Upper
228 100
226 37.6 29.2 43.8
229 25.0 19.3 28.9

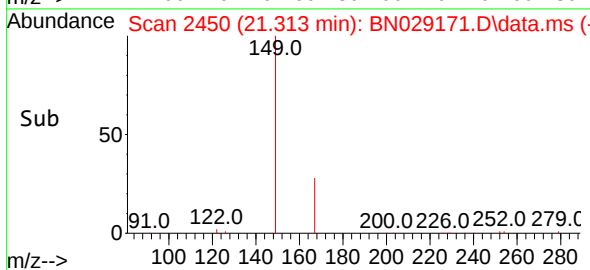
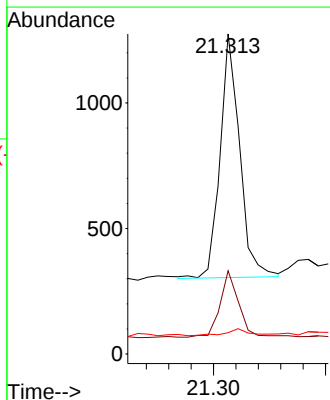
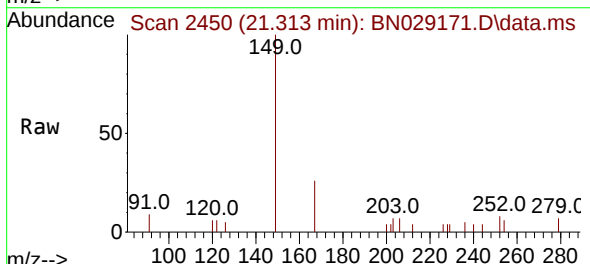
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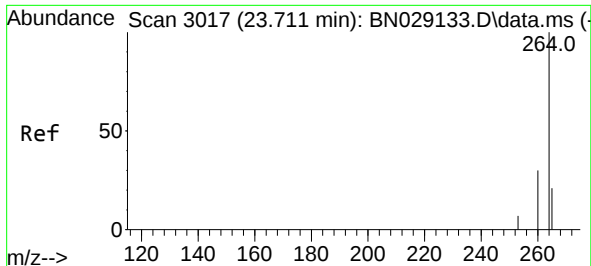
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.259 ng
RT: 21.313 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Tgt Ion:149 Resp: 1177
Ion Ratio Lower Upper
149 100
167 26.3 20.2 30.2
279 3.4 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.712 min Scan# 3017

Delta R.T. 0.001 min

Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Instrument :

BNA_N

ClientSampleId :

PB157976BSD

Tgt Ion:264 Resp: 86

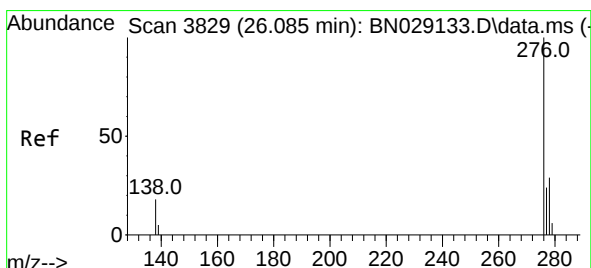
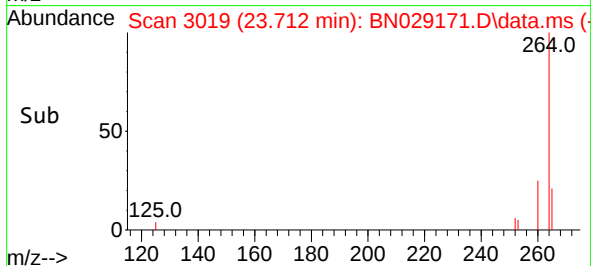
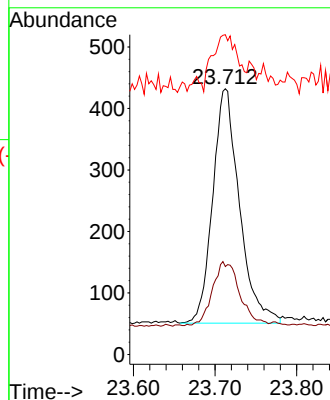
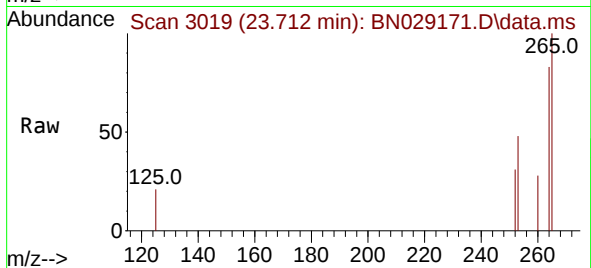
Ion	Ratio	Lower	Upper
264	100		
260	33.1	31.0	46.6
265	120.4	105.3	157.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.298 ng

RT: 26.086 min Scan# 3831

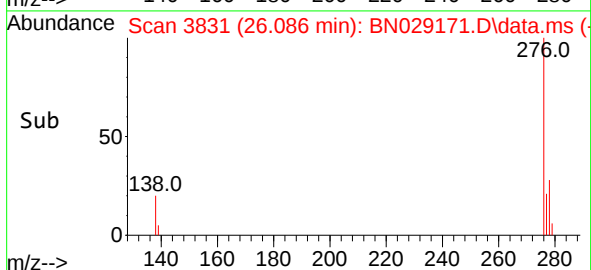
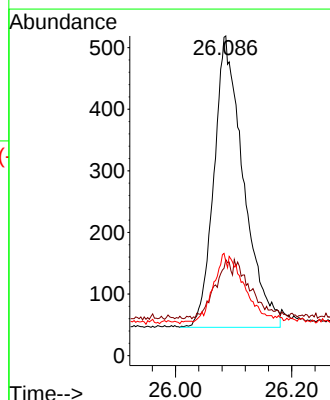
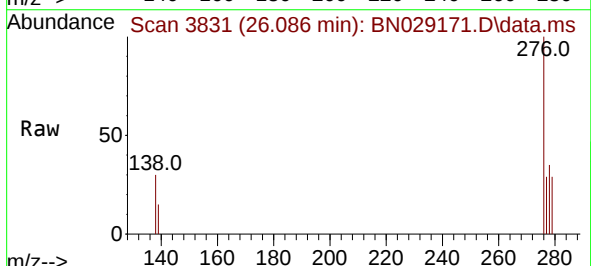
Delta R.T. 0.001 min

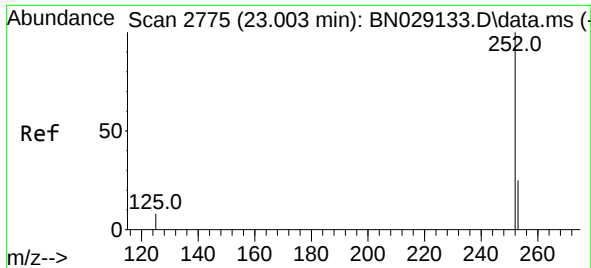
Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Tgt Ion:276 Resp: 1665

Ion	Ratio	Lower	Upper
276	100		
138	11.6	7.8	11.6
277	10.8	9.2	13.8





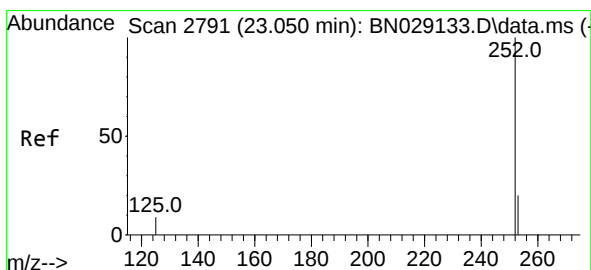
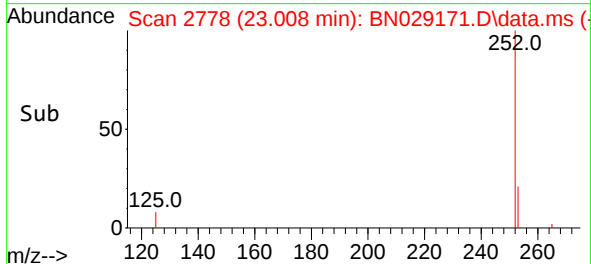
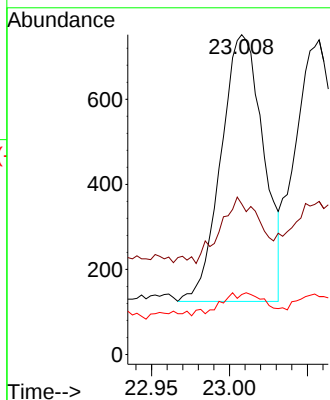
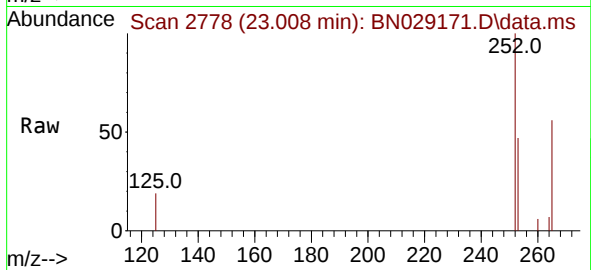
#37
Benzo(b)fluoranthene
Concen: 0.269 ng
RT: 23.008 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Instrument :
BNA_N
ClientSampleId :
PB157976BSD

Tgt Ion:252 Resp: 118
Ion Ratio Lower Upper
252 100
253 47.1 36.0 54.0
125 18.8 14.6 21.8

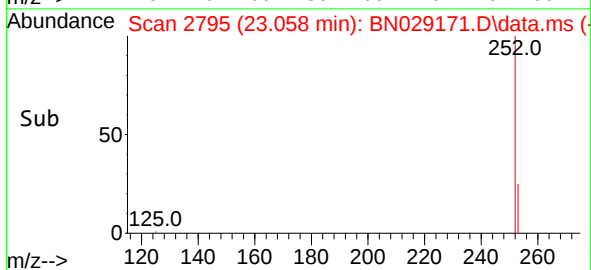
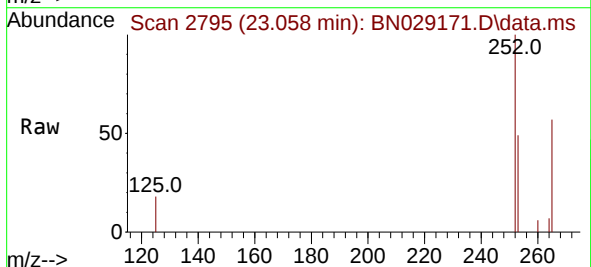
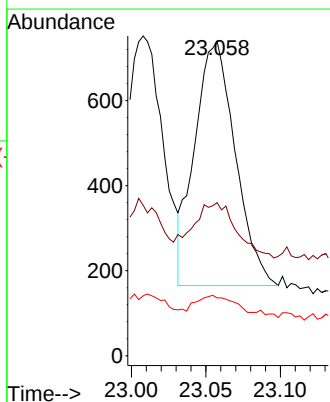
Manual Integrations
APPROVED

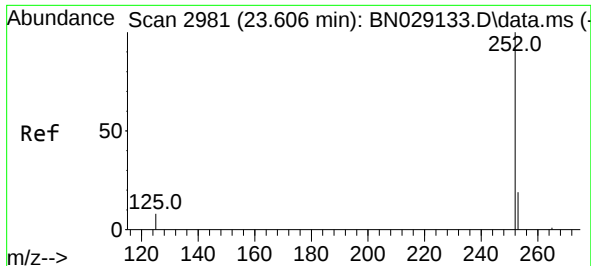
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#38
Benzo(k)fluoranthene
Concen: 0.252 ng
RT: 23.058 min Scan# 2795
Delta R.T. 0.007 min
Lab File: BN029171.D
Acq: 22 Dec 2023 04:05

Tgt Ion:252 Resp: 1090
Ion Ratio Lower Upper
252 100
253 48.6 35.0 52.6
125 18.4 14.6 21.8





#39

Benzo(a)pyrene

Concen: 0.273 ng

RT: 23.610 min Scan# 2981

Delta R.T. 0.004 min

Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Instrument :

BN029171.D

ClientSampleId :

PB157976BSD

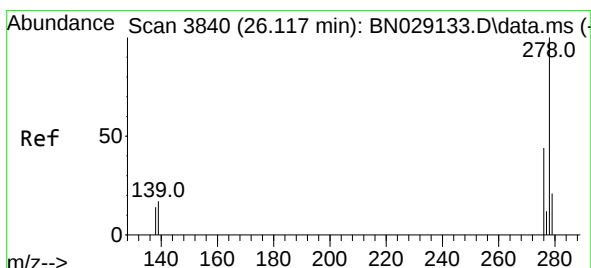
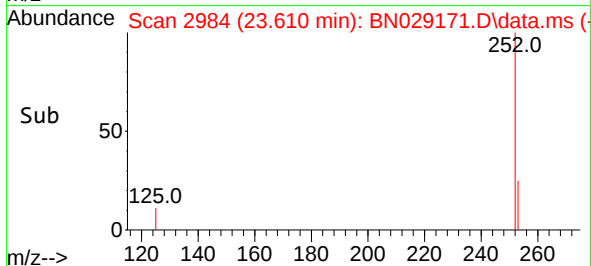
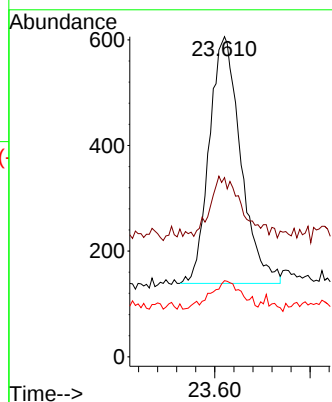
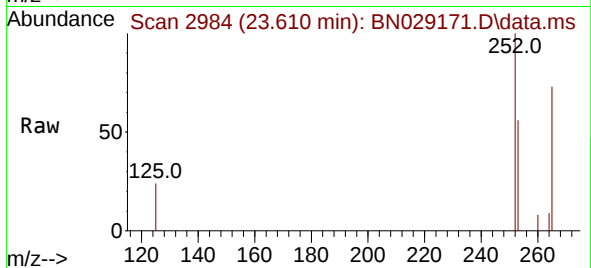
Tgt Ion:	252	Resp:	107
Ion Ratio	Lower	Upper	
252	100		
253	55.9	40.3	60.5
125	23.8	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.304 ng m

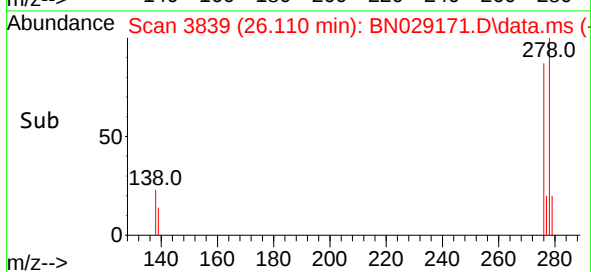
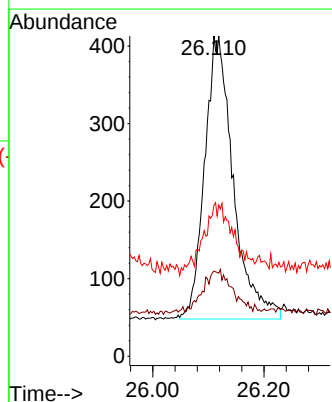
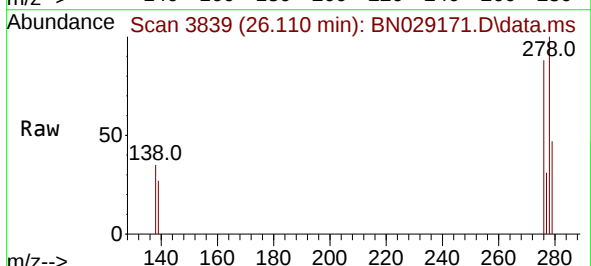
RT: 26.110 min Scan# 3839

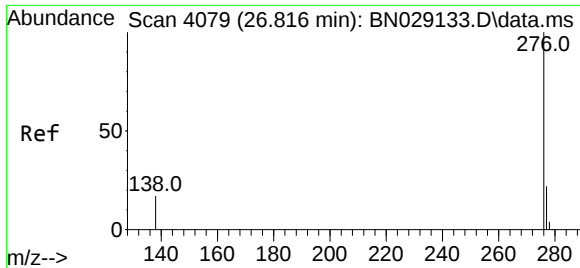
Delta R.T. -0.007 min

Lab File: BN029171.D

Acq: 22 Dec 2023 04:05

Tgt Ion:	278	Resp:	1306
Ion Ratio	Lower	Upper	
278	100		
139	26.6	24.2	36.2
279	47.2	34.9	52.3





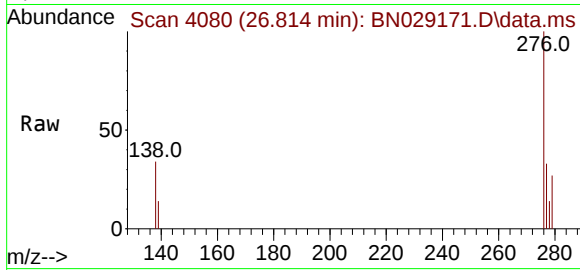
#41
 Benzo(g,h,i)perylene
 Concen: 0.298 ng
 RT: 26.814 min Scan# 4079
 Delta R.T. -0.001 min
 Lab File: BN029171.D
 Acq: 22 Dec 2023 04:05

Instrument :

BNA_N

ClientSampleId :

PB157976BSD



Tgt Ion:276 Resp: 1409
 Ion Ratio Lower Upper
 276 100
 277 32.9 25.5 38.3
 138 34.2 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023

