

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025534.D
 Acq On : 20 May 2023 21:51
 Operator : CG/JU
 Sample : PB152912BSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152912BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 22 02:01:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	5064	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	15053	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	8984	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	19984	0.400	ng	0.00
29) Chrysene-d12	21.620	240	13381	0.400	ng	0.00
35) Perylene-d12	24.136	264	11039	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	5499	0.481	ng	0.00
5) Phenol-d6	7.218	99	7041	0.480	ng	0.00
8) Nitrobenzene-d5	9.234	82	6105	0.508	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	10383	0.496	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1600	0.457	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	17974	0.523	ng	-0.01
27) Fluoranthene-d10	19.464	212	21068	0.457	ng	0.00
31) Terphenyl-d14	20.053	244	14555	0.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	2669	0.517	ng	99
3) n-Nitrosodimethylamine	3.780	42	2911	0.511	ng	# 89
6) bis(2-Chloroethyl)ether	7.485	93	7385	0.518	ng	99
9) Naphthalene	10.942	128	19182	0.501	ng	100
10) Hexachlorobutadiene	11.230	225	3393	0.467	ng	# 100
12) 2-Methylnaphthalene	12.540	142	13825	0.499	ng	99
16) Acenaphthylene	14.416	152	20429	0.498	ng	100
17) Acenaphthene	14.758	154	14212	0.525	ng	99
18) Fluorene	15.734	166	17418	0.520	ng	99
20) 4,6-Dinitro-2-methylph...	15.809	198	2165	0.521	ng	# 79
21) 4-Bromophenyl-phenylether	16.628	248	5724	0.487	ng	# 91
22) Hexachlorobenzene	16.740	284	5175	0.471	ng	94
23) Atrazine	16.889	200	4374	0.457	ng	95
24) Pentachlorophenol	17.087	266	2292	0.414	ng	99
25) Phenanthrene	17.485	178	29311	0.501	ng	100
26) Anthracene	17.571	178	27026	0.493	ng	100
28) Fluoranthene	19.490	202	31500	0.473	ng	100
30) Pyrene	19.852	202	31623	0.592	ng	100
32) Benzo(a)anthracene	21.602	228	24976	0.515	ng	99
33) Chrysene	21.656	228	25875	0.539	ng	100
34) Bis(2-ethylhexyl)phtha...	21.522	149	14396	0.505	ng	99
36) Indeno(1,2,3-cd)pyrene	26.773	276	20492	0.459	ng	98
37) Benzo(b)fluoranthene	23.362	252	22128m	0.540	ng	
38) Benzo(k)fluoranthene	23.417	252	22351	0.534	ng	98
39) Benzo(a)pyrene	24.022	252	19083	0.495	ng	# 95
40) Dibenzo(a,h)anthracene	26.797	278	16557	0.463	ng	96
41) Benzo(g,h,i)perylene	27.586	276	16913	0.448	ng	97

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

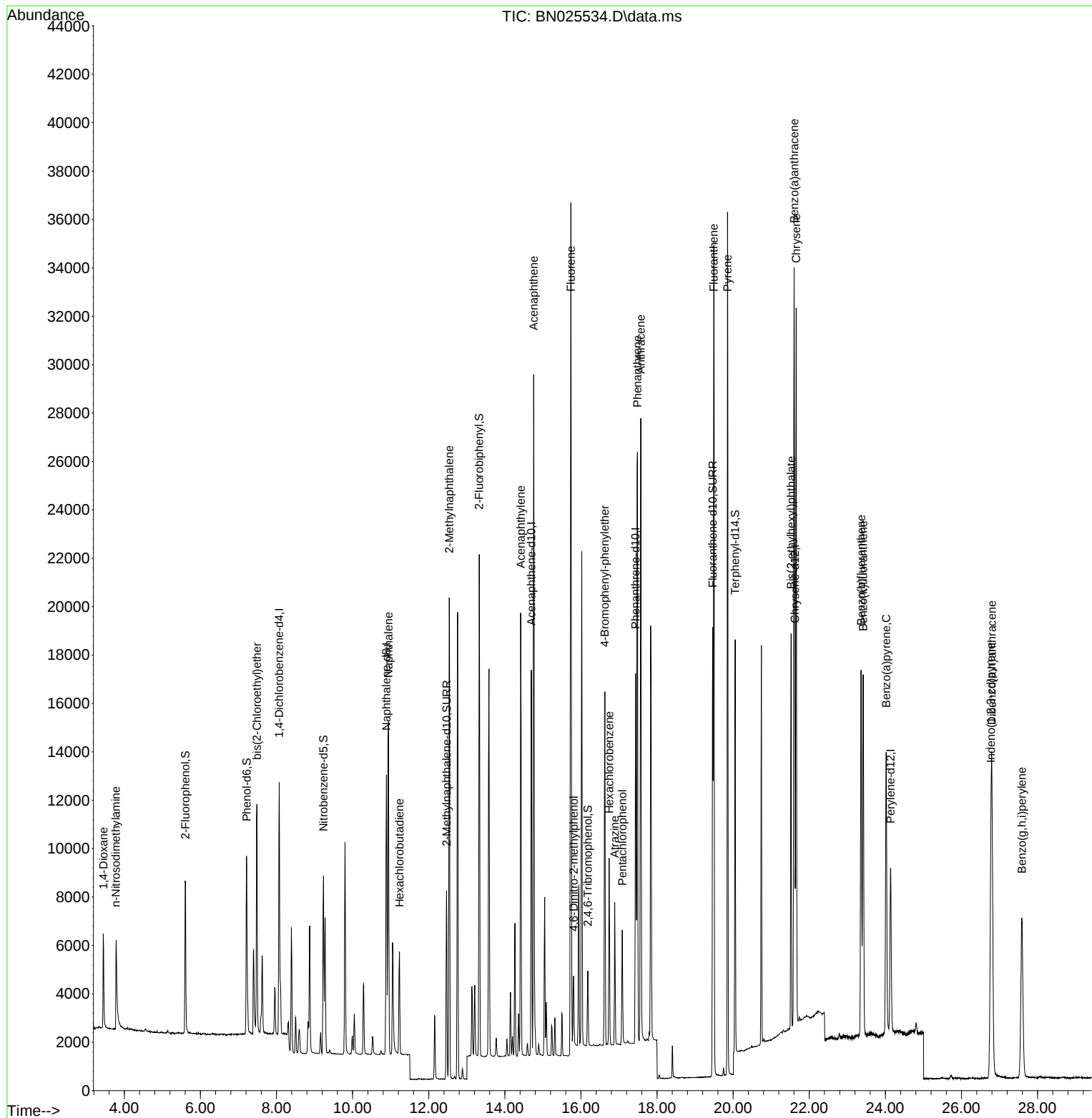
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025534.D
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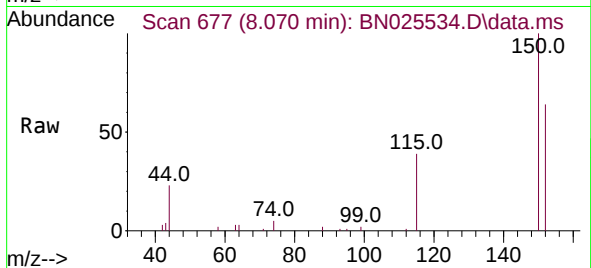
Reviewed By : Christian Giraldo 05/22/2023
Supervised By : Jagrut Upadhyay 05/22/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

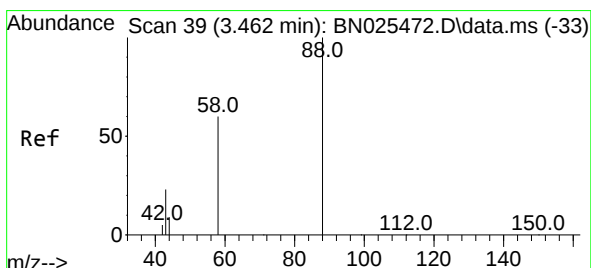
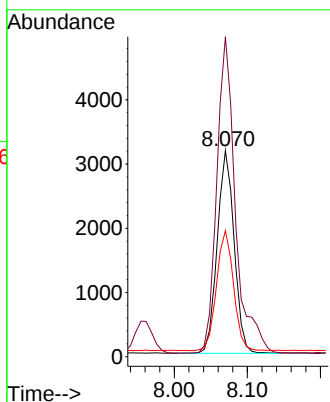
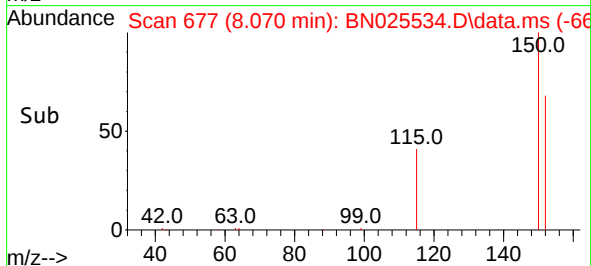
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion: 152 Resp: 5064
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 61.2 50.2 75.2

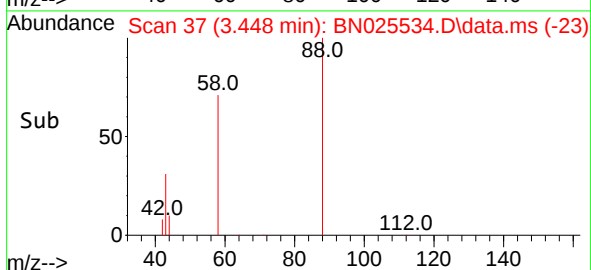
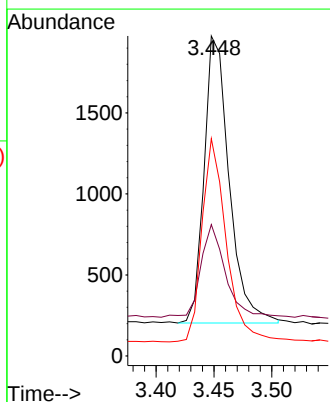
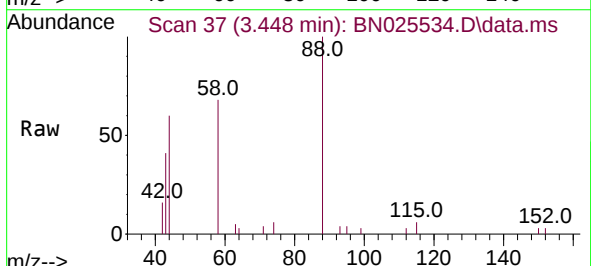
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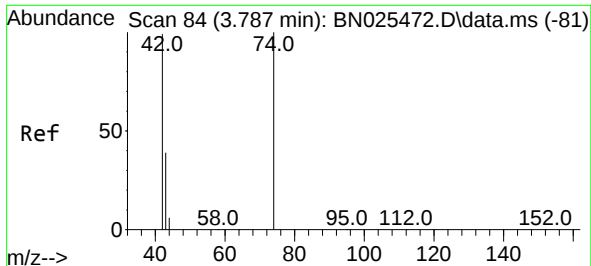
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#2
1,4-Dioxane
Concen: 0.517 ng
RT: 3.448 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

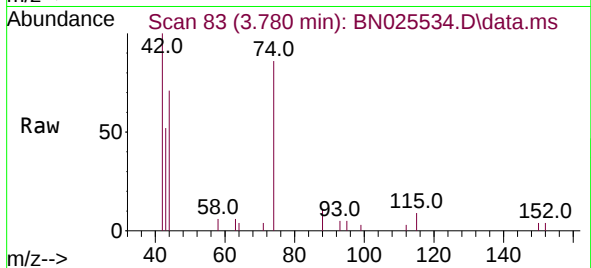
Tgt Ion: 88 Resp: 2669
Ion Ratio Lower Upper
88 100
43 31.6 23.8 35.6
58 68.7 55.1 82.7





#3
n-Nitrosodimethylamine
Concen: 0.511 ng
RT: 3.780 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

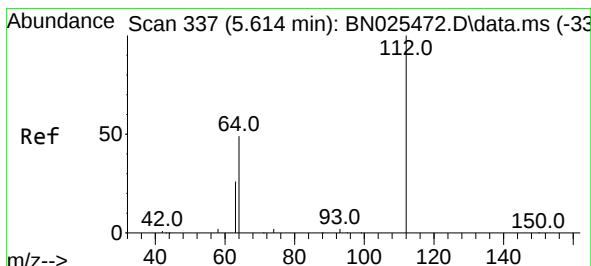
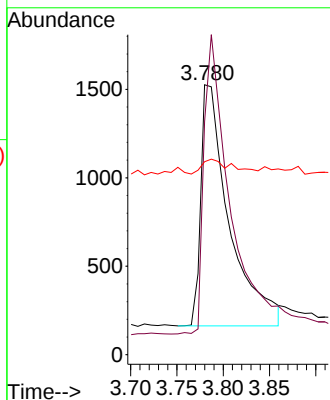
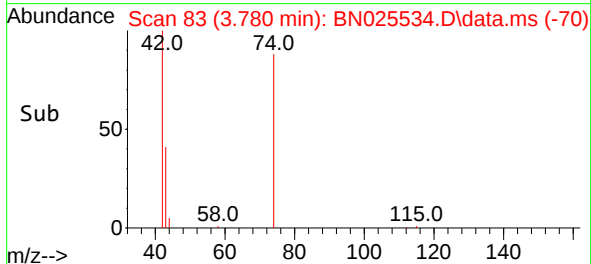
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Tgt Ion: 42 Resp: 291
Ion Ratio Lower Upper
42 100
74 112.5 100.2 150.4
44 6.6 8.6 12.8

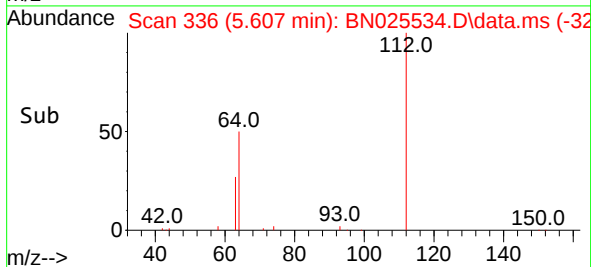
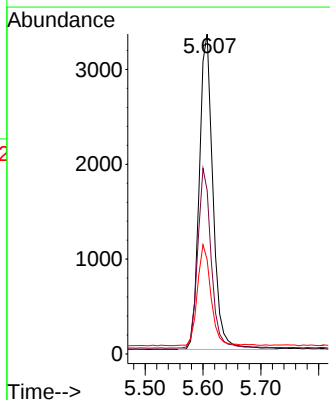
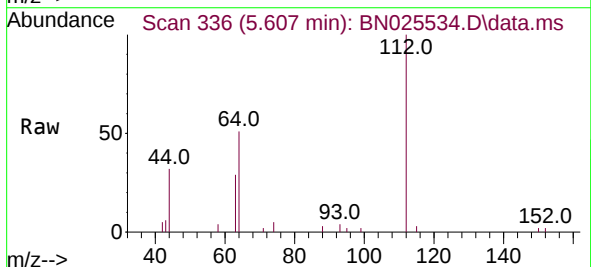
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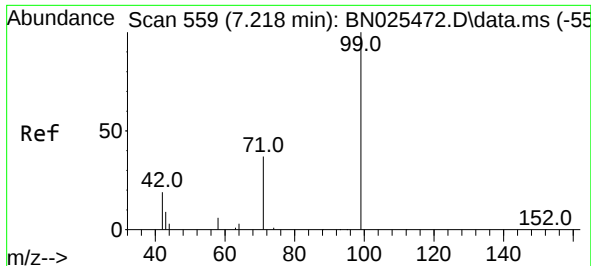
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#4
2-Fluorophenol
Concen: 0.481 ng
RT: 5.607 min Scan# 336
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

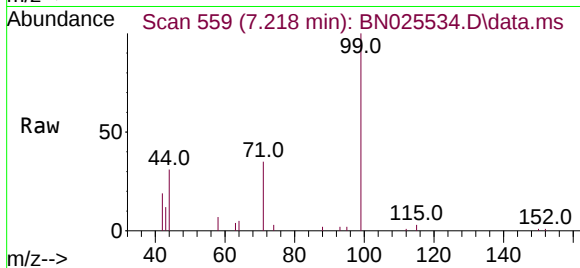
Tgt Ion:112 Resp: 5499
Ion Ratio Lower Upper
112 100
64 56.0 44.0 66.0
63 31.2 24.0 36.0





#5
Phenol-d6
Concen: 0.480 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

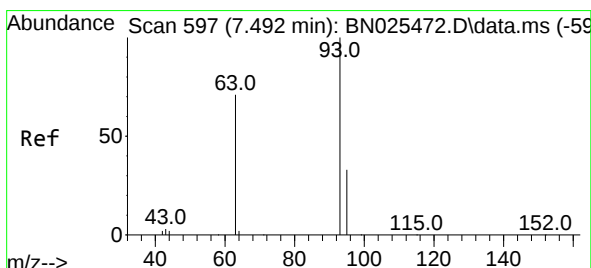
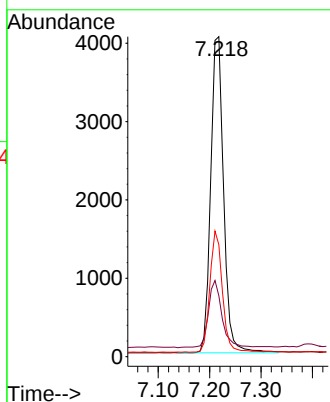
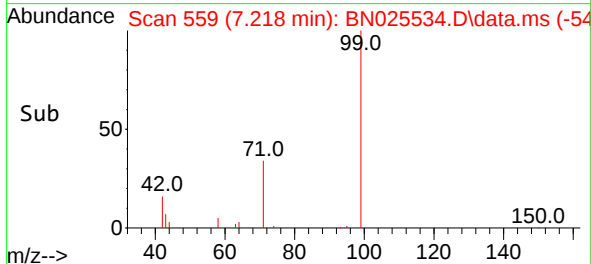
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion: 99 Resp: 704
Ion Ratio Lower Upper
99 100
42 22.4 15.8 23.8
71 37.1 28.6 43.0

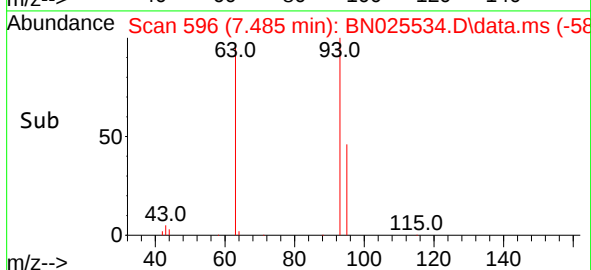
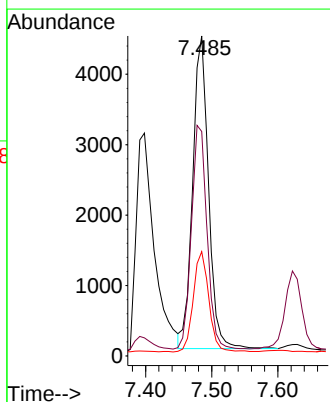
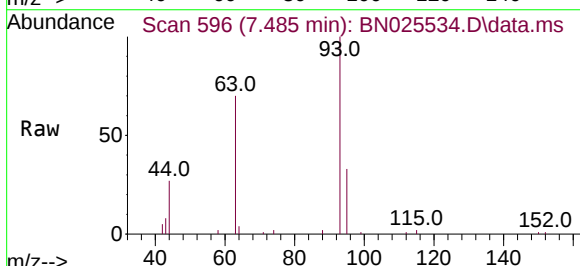
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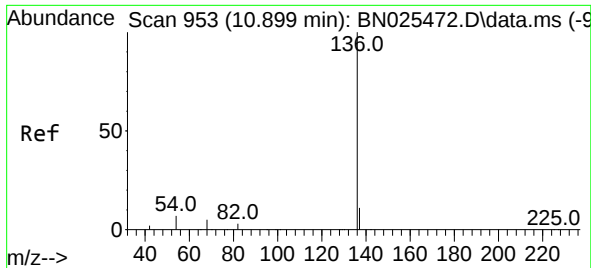
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.518 ng
RT: 7.485 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Tgt Ion: 93 Resp: 7385
Ion Ratio Lower Upper
93 100
63 70.7 55.8 83.6
95 31.6 25.7 38.5





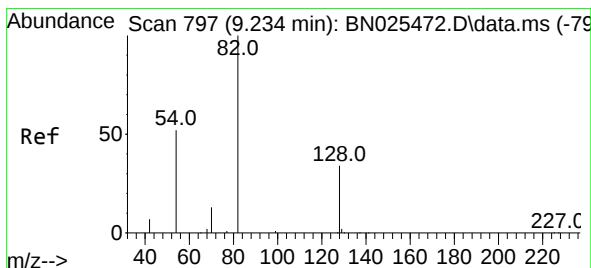
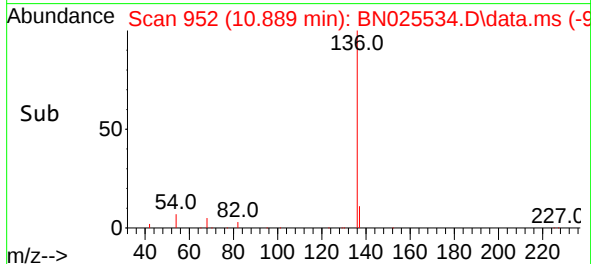
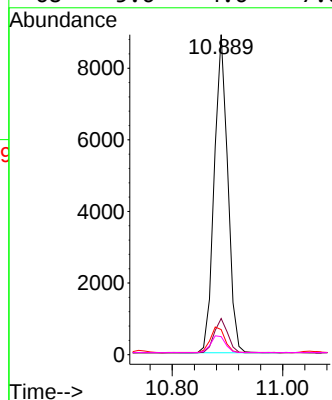
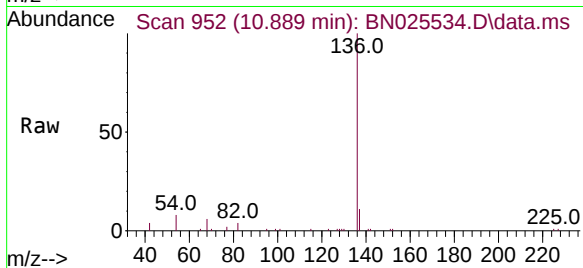
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

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Tgt Ion:	136	Resp:	1505
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.8	5.8	8.6
68	5.6	4.6	7.0

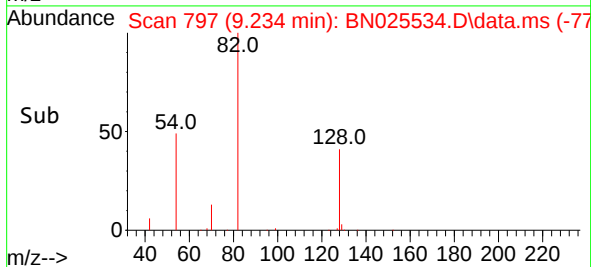
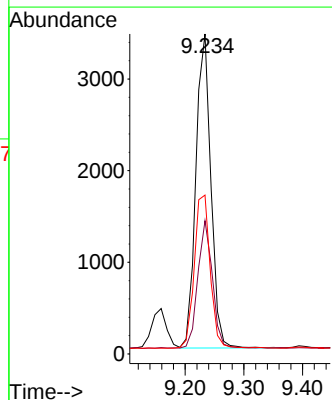
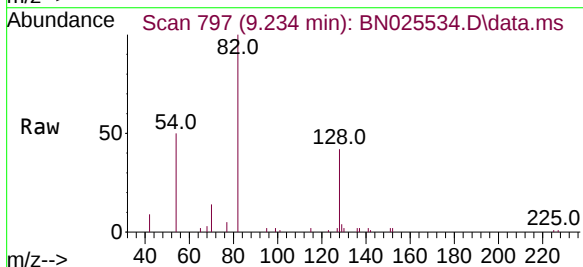
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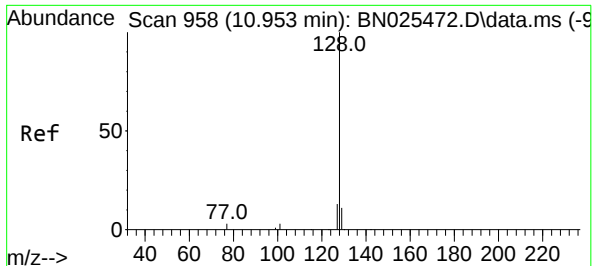
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#8
Nitrobenzene-d5
Concen: 0.508 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Tgt Ion:	82	Resp:	6105
Ion Ratio	Lower	Upper	
82	100		
128	41.6	27.9	41.9
54	49.6	42.4	63.6





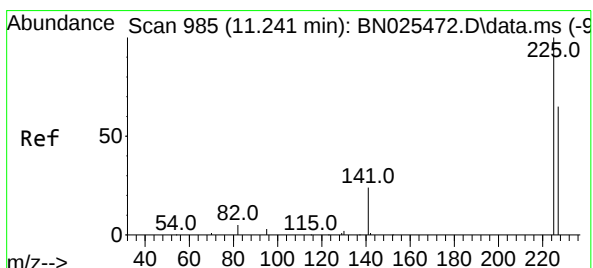
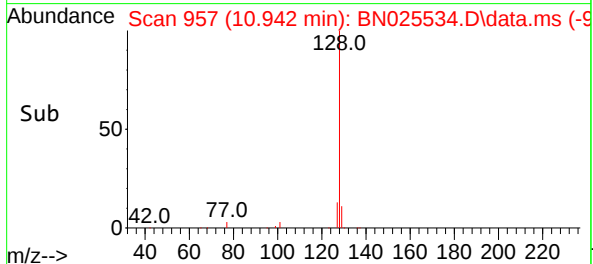
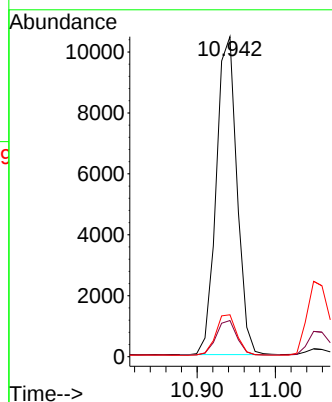
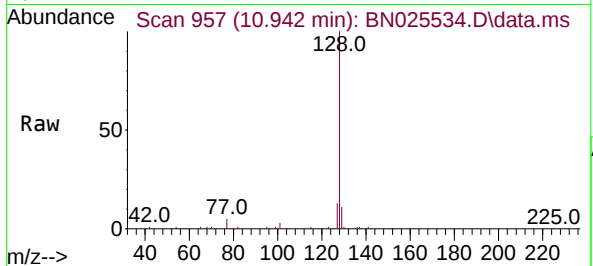
#9
Naphthalene
Concen: 0.501 ng
RT: 10.942 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Instrument :
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ClientSampleId :
PB152912BSD

Tgt Ion:128 Resp: 1918
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.4 15.6

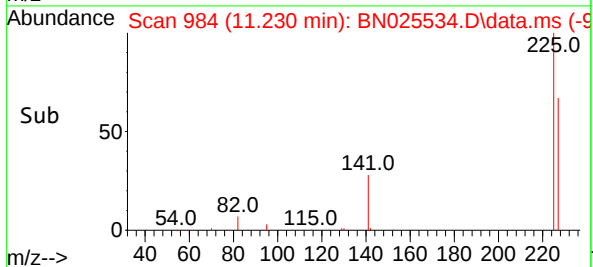
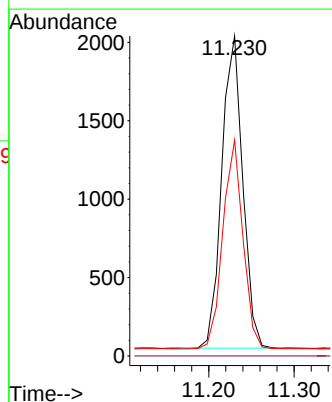
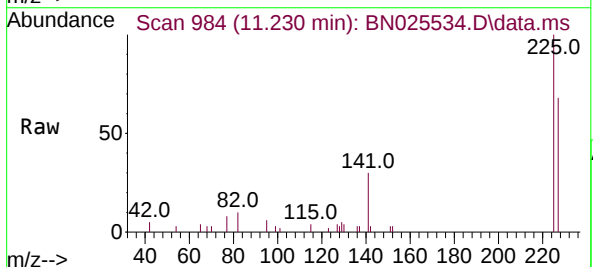
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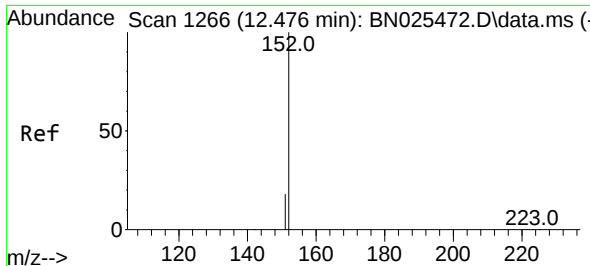
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#10
Hexachlorobutadiene
Concen: 0.467 ng
RT: 11.230 min Scan# 984
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

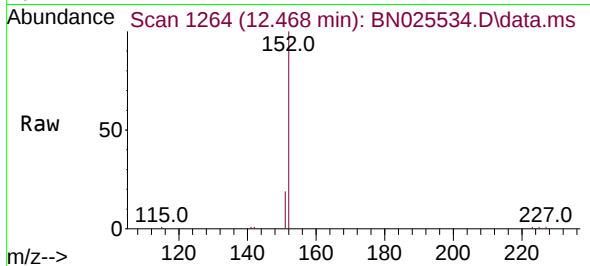
Tgt Ion:225 Resp: 3393
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.4 77.2





#11
2-Methylnaphthalene-d10
Concen: 0.496 ng
RT: 12.468 min Scan# 1264
Delta R.T. -0.004 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

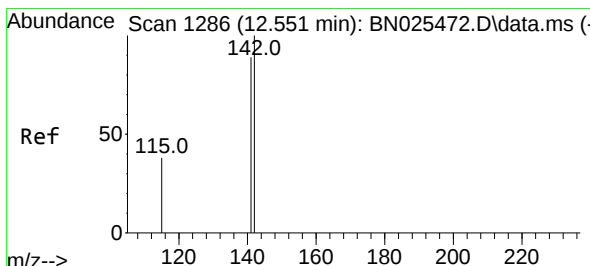
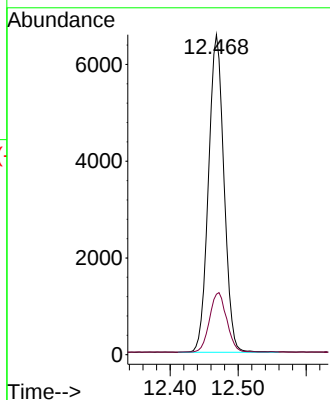
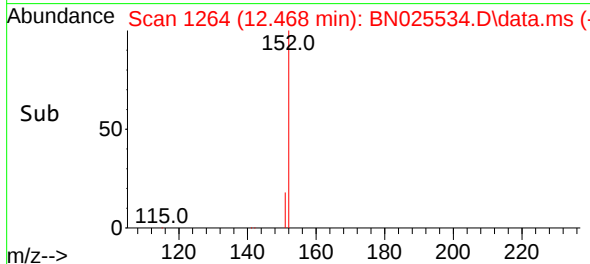
Instrument :
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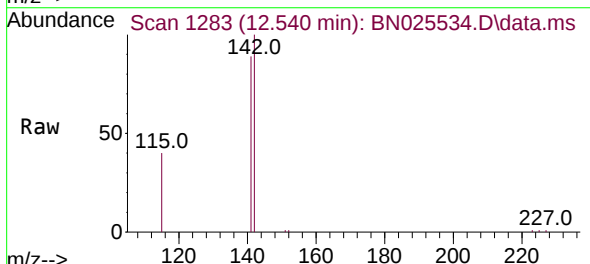
Tgt Ion:152 Resp: 1038
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8

Manual Integrations
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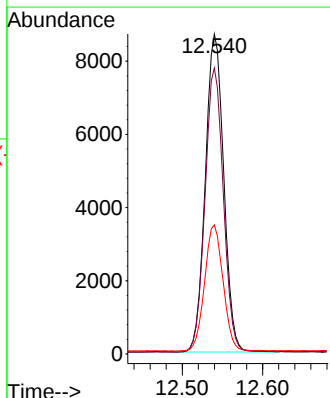
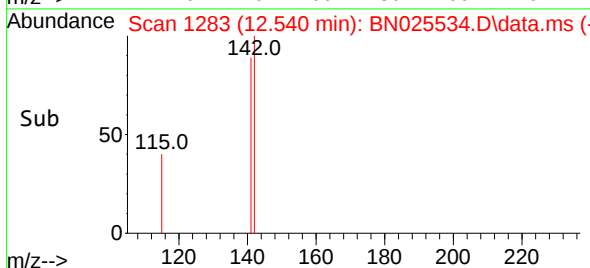
Reviewed By :Christian Giraldo 05/22/2023
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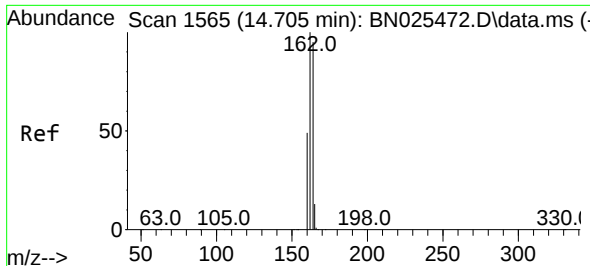


#12
2-Methylnaphthalene
Concen: 0.499 ng
RT: 12.540 min Scan# 1283
Delta R.T. -0.004 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51



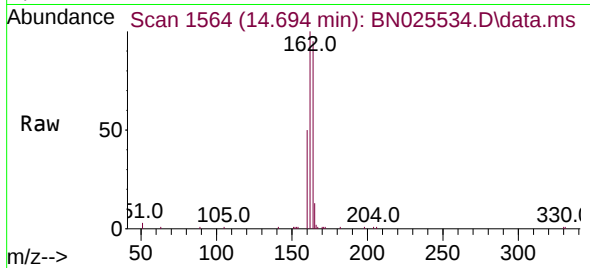
Tgt Ion:142 Resp: 13825
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7
115 40.4 31.3 46.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

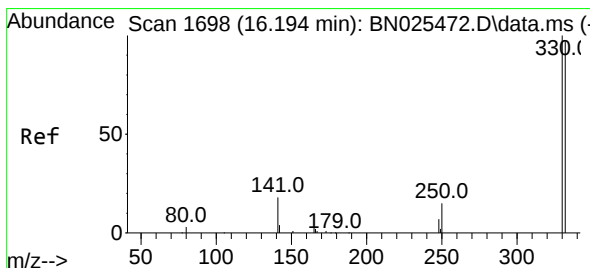
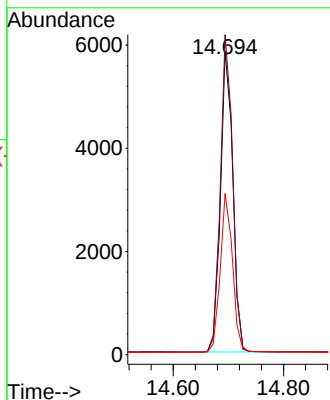
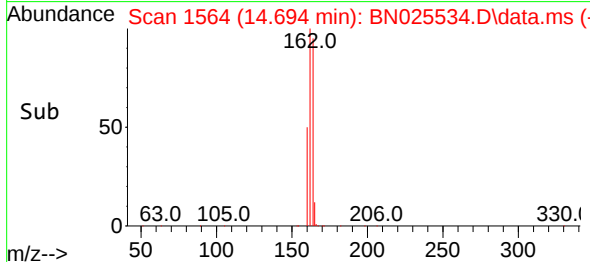
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



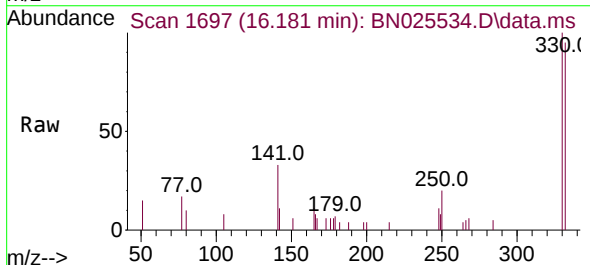
Tgt Ion:164 Resp: 8984
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 53.1 41.4 62.2

Manual Integrations
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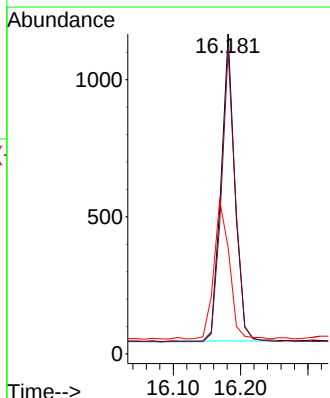
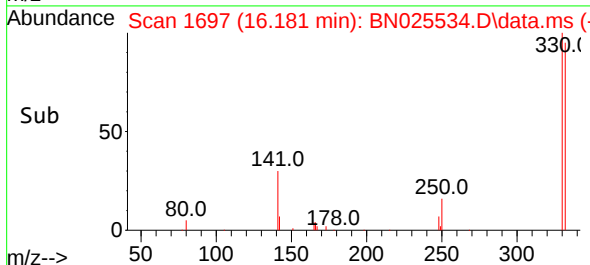
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

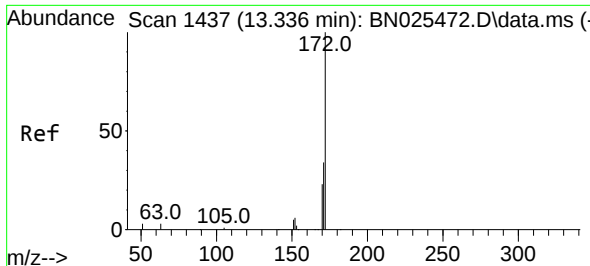


#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51



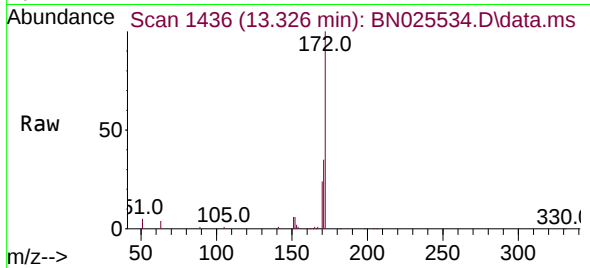
Tgt Ion:330 Resp: 1600
Ion Ratio Lower Upper
330 100
332 95.6 76.1 114.1
141 49.8 36.1 54.1





#15
2-Fluorobiphenyl
Concen: 0.523 ng
RT: 13.326 min Scan# 1437
Delta R.T. -0.011 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

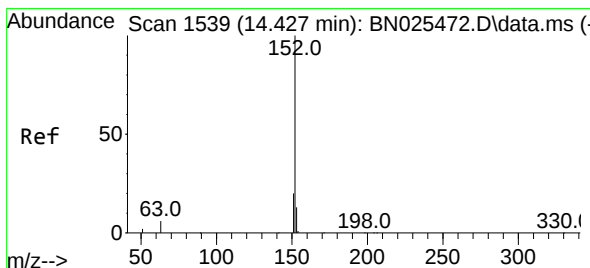
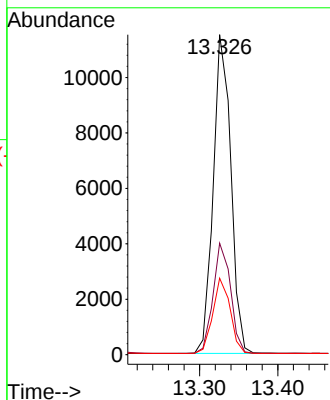
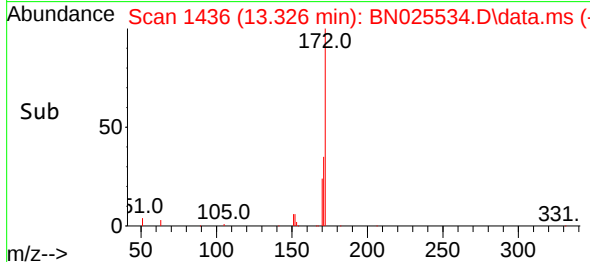
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion:172 Resp: 17974
Ion Ratio Lower Upper
172 100
171 34.8 27.6 41.4
170 23.9 18.9 28.3

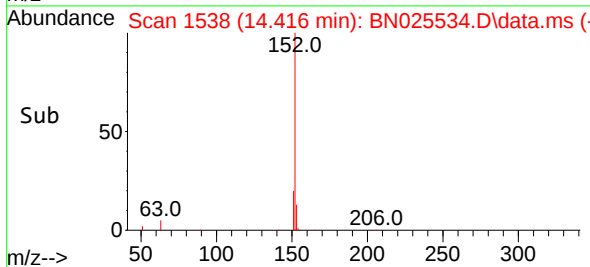
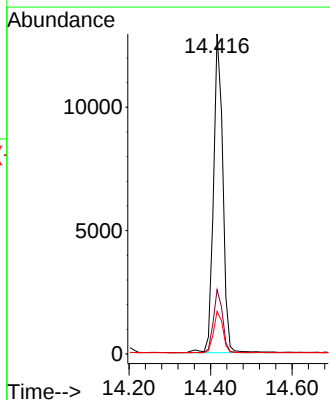
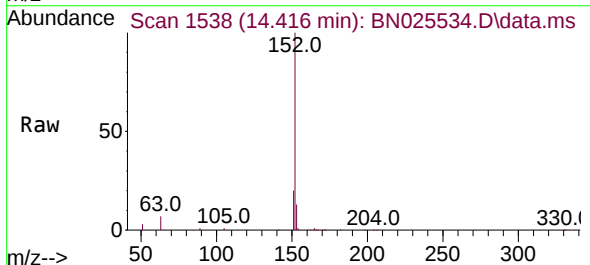
Manual Integrations
APPROVED

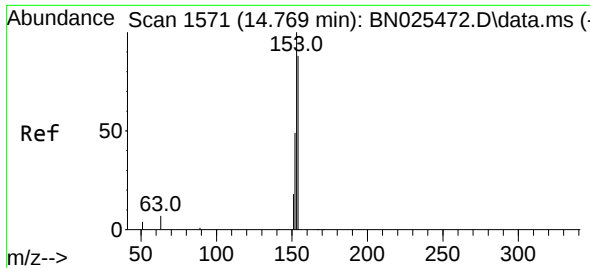
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#16
Acenaphthylene
Concen: 0.498 ng
RT: 14.416 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

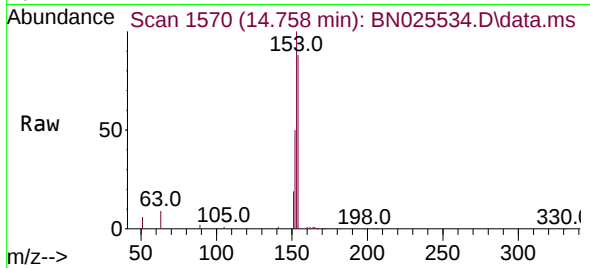
Tgt Ion:152 Resp: 20429
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.0 10.3 15.5





#17
Acenaphthene
Concen: 0.525 ng
RT: 14.758 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

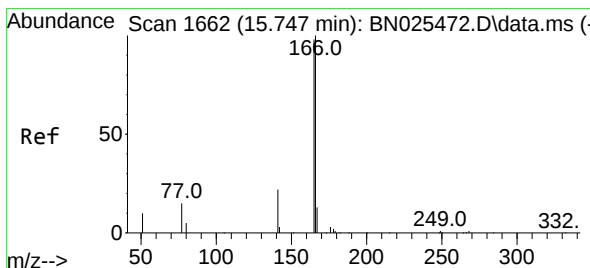
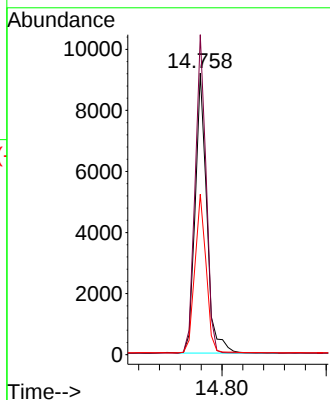
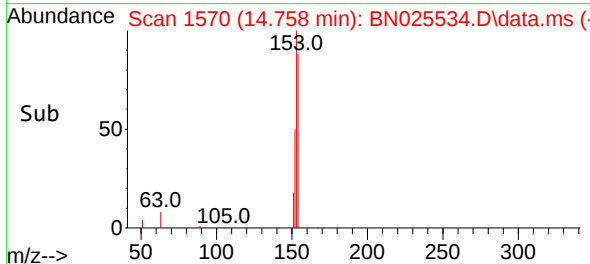
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion:154 Resp: 1421
Ion Ratio Lower Upper
154 100
153 108.0 86.9 130.3
152 55.2 43.9 65.9

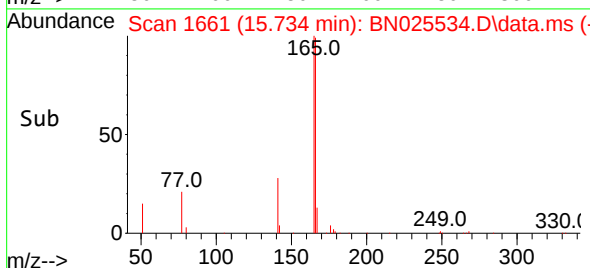
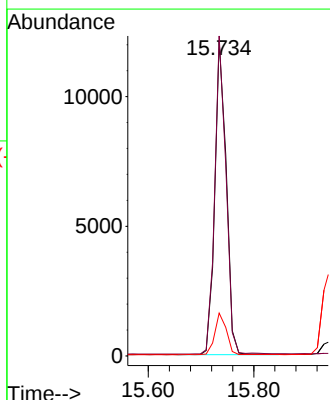
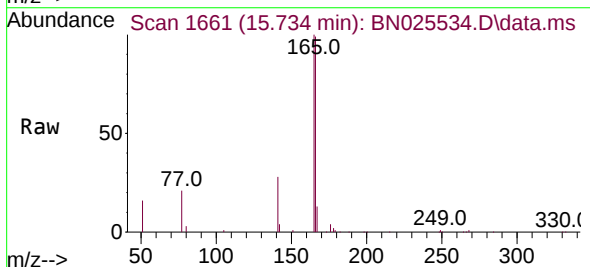
Manual Integrations
APPROVED

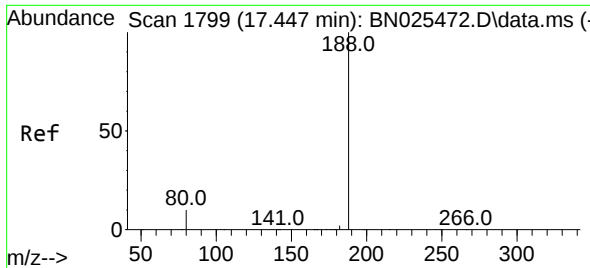
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#18
Fluorene
Concen: 0.520 ng
RT: 15.734 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Tgt Ion:166 Resp: 17418
Ion Ratio Lower Upper
166 100
165 100.3 79.9 119.9
167 13.2 11.2 16.8





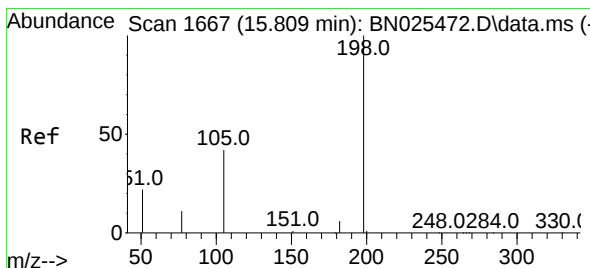
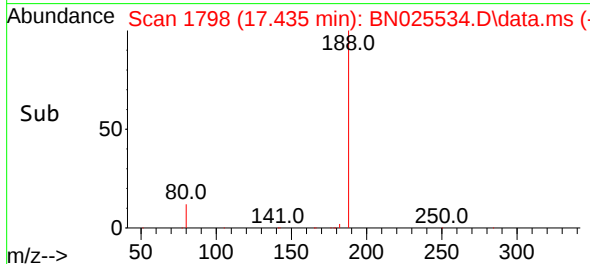
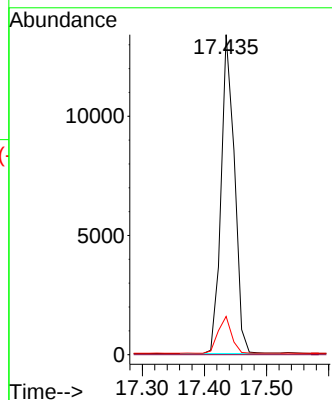
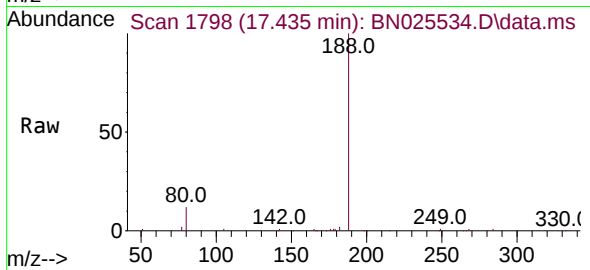
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Instrument :
BNA_N
ClientSampleId :
PB152912BSD

Tgt Ion:188 Resp: 19984
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 8.2 12.4

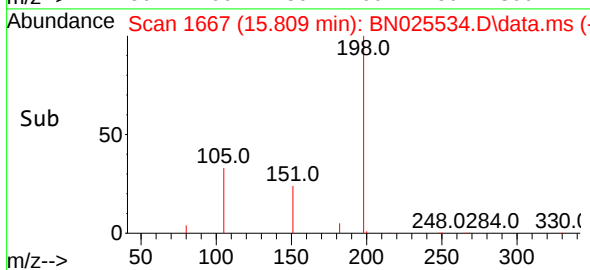
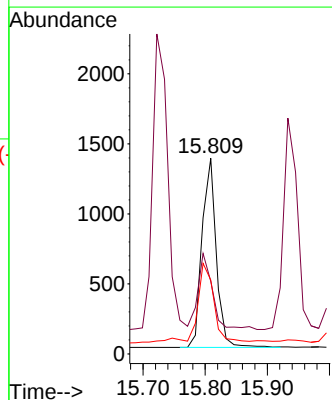
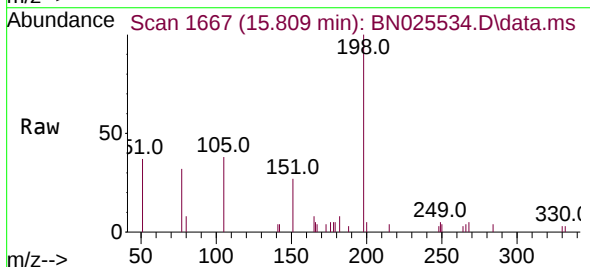
Manual Integrations
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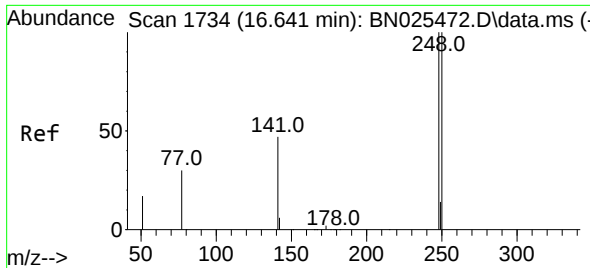
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.521 ng
RT: 15.809 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Tgt Ion:198 Resp: 2165
Ion Ratio Lower Upper
198 100
51 37.1 42.2 63.2#
105 37.7 41.0 61.6#





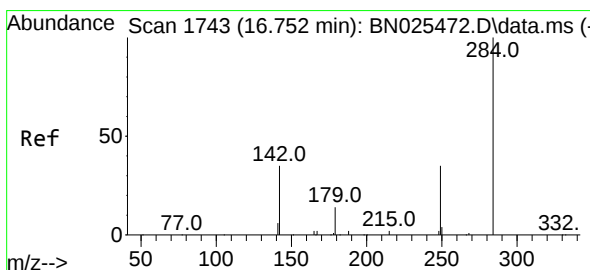
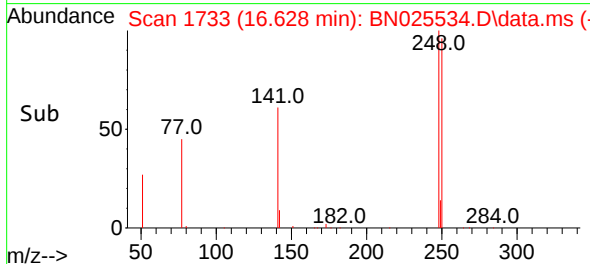
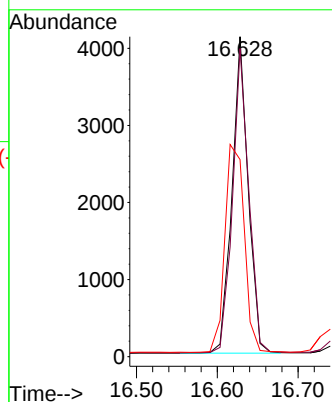
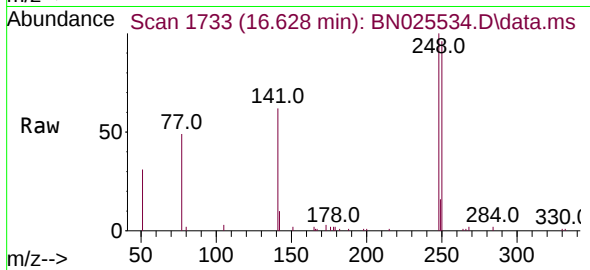
#21
4-Bromophenyl-phenylether
Concen: 0.487 ng
RT: 16.628 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Instrument :
BNA_N
ClientSampleId :
PB152912BSD

Tgt Ion:248 Resp: 5724
Ion Ratio Lower Upper
248 100
250 96.3 79.8 119.8
141 61.6 38.7 58.1

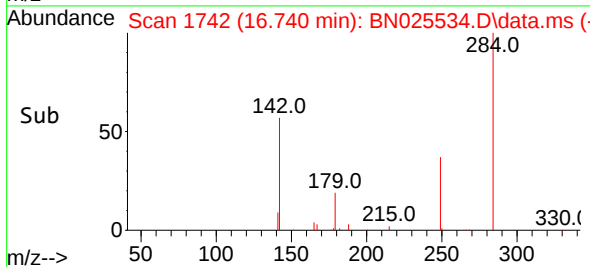
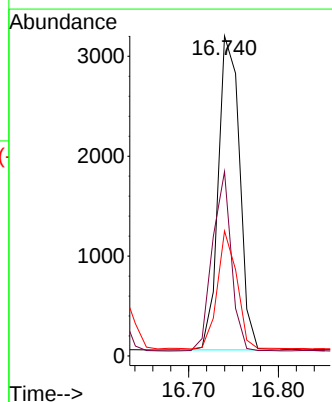
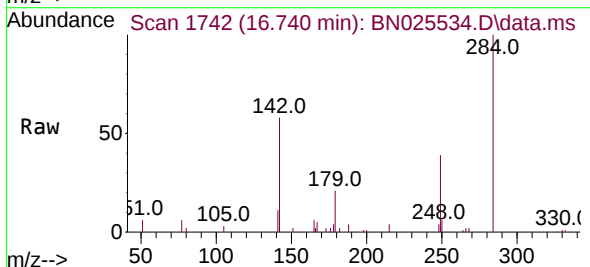
Manual Integrations
APPROVED

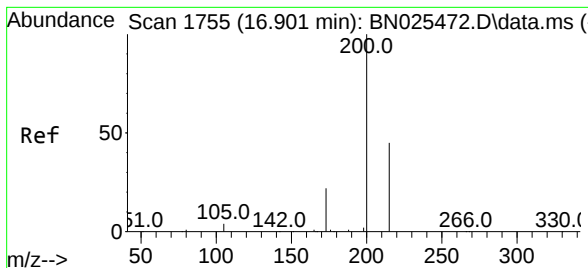
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#22
Hexachlorobenzene
Concen: 0.471 ng
RT: 16.740 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Tgt Ion:284 Resp: 5175
Ion Ratio Lower Upper
284 100
142 50.9 36.0 54.0
249 33.9 27.8 41.6





#23

Atrazine

Concen: 0.457 ng

RT: 16.889 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025534.D

Acq: 20 May 2023 21:51

Instrument :

BNA_N

ClientSampleId :

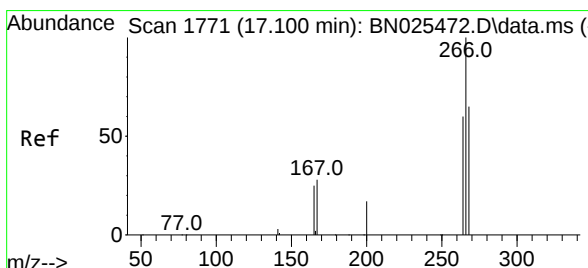
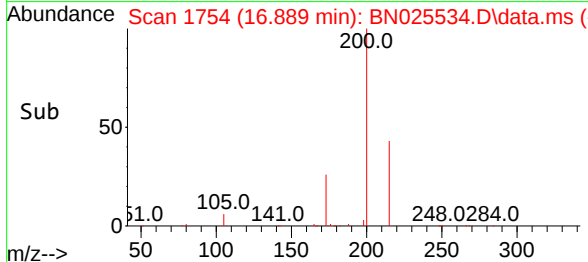
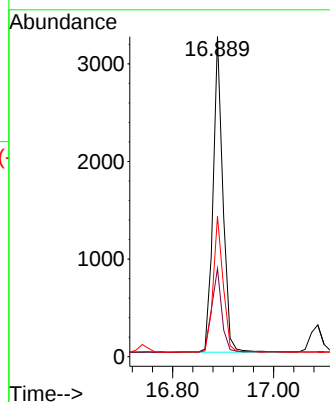
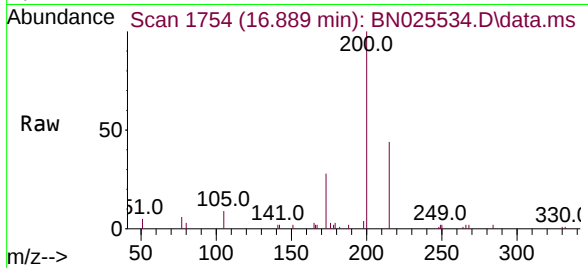
PB152912BSD

Tgt Ion:	200	Resp:	4374
Ion Ratio	Lower	Upper	
200	100		
173	27.5	18.6	27.8
215	43.9	36.9	55.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#24

Pentachlorophenol

Concen: 0.414 ng

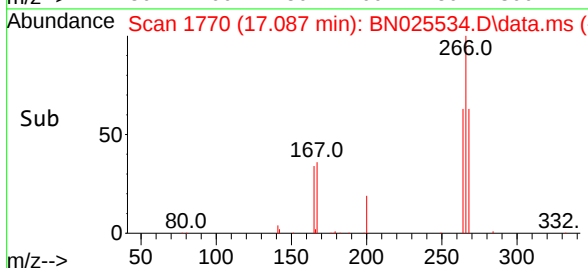
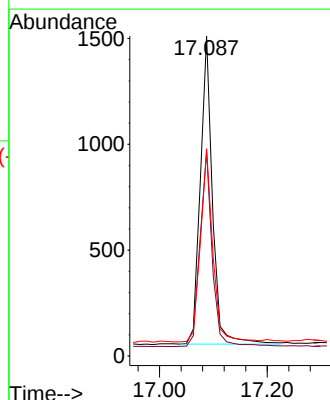
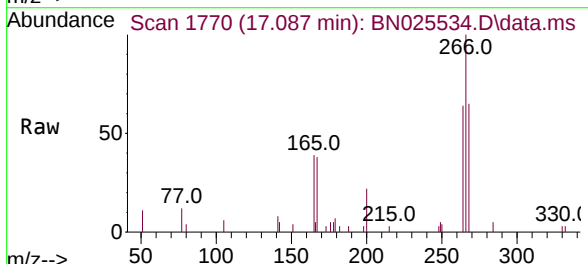
RT: 17.087 min Scan# 1770

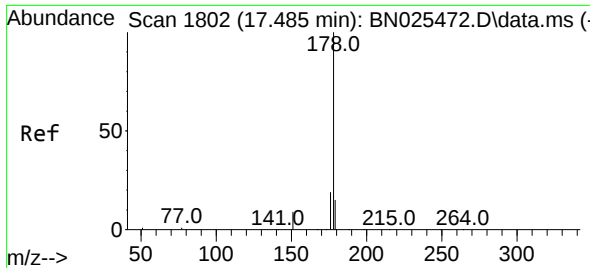
Delta R.T. -0.000 min

Lab File: BN025534.D

Acq: 20 May 2023 21:51

Tgt Ion:	266	Resp:	2292
Ion Ratio	Lower	Upper	
266	100		
264	63.4	49.8	74.8
268	63.1	51.0	76.6





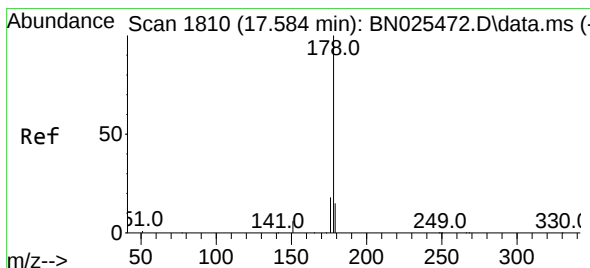
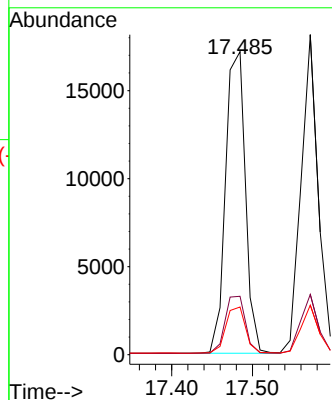
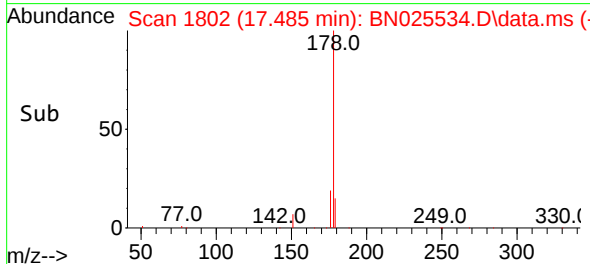
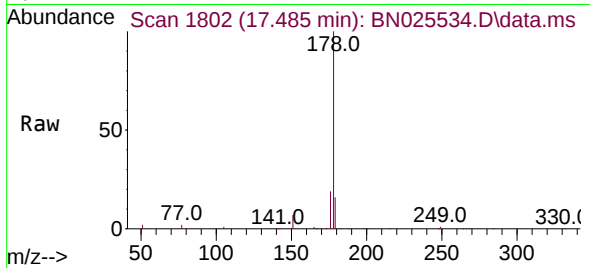
#25
Phenanthrene
Concen: 0.501 ng
RT: 17.485 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Instrument :
BNA_N
ClientSampleId :
PB152912BSD

Tgt Ion:178 Resp: 2931
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.2 12.1 18.1

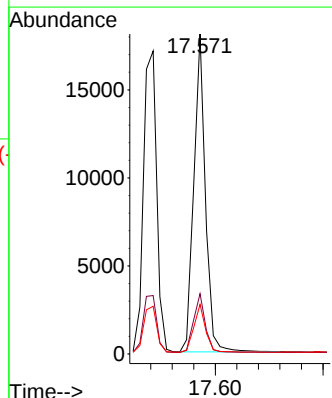
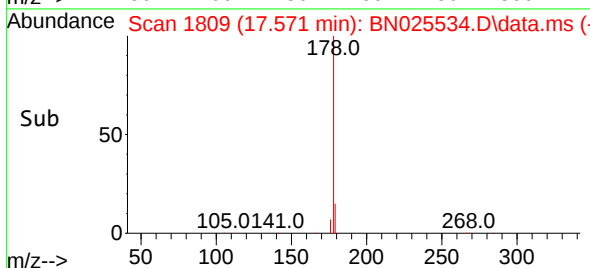
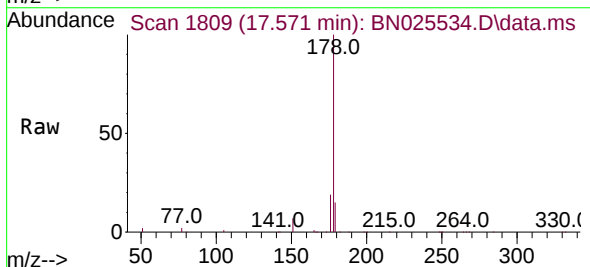
Manual Integrations
APPROVED

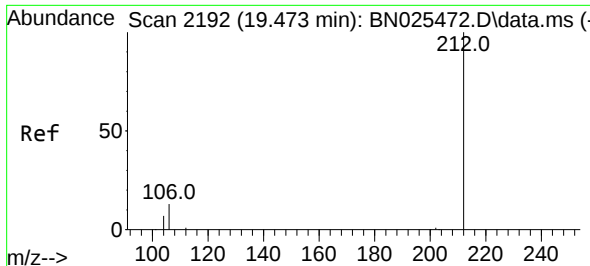
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#26
Anthracene
Concen: 0.493 ng
RT: 17.571 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

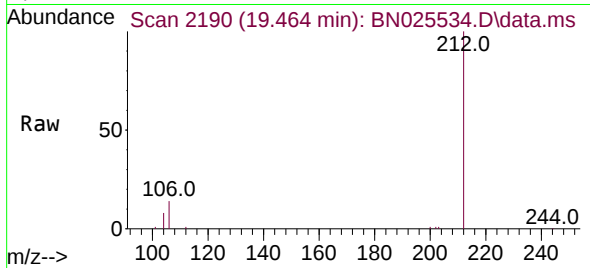
Tgt Ion:178 Resp: 27026
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.1 18.1





#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.464 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

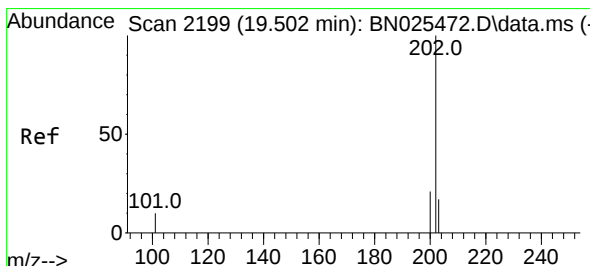
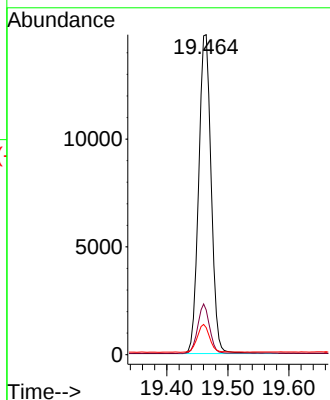
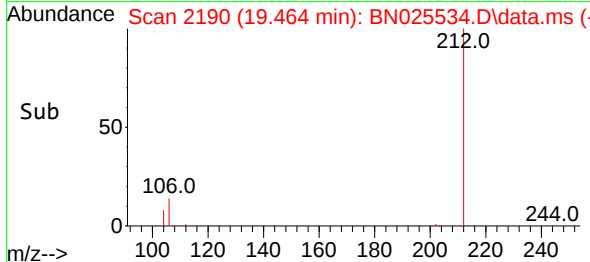
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion:212 Resp: 21068
Ion Ratio Lower Upper
212 100
106 14.7 11.4 17.2
104 8.7 6.6 10.0

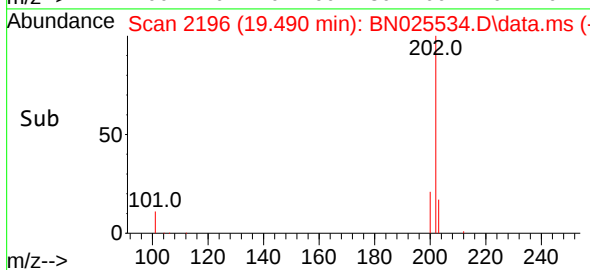
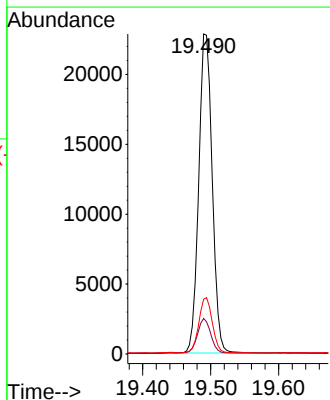
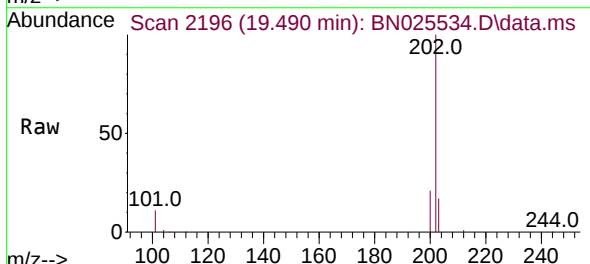
Manual Integrations
APPROVED

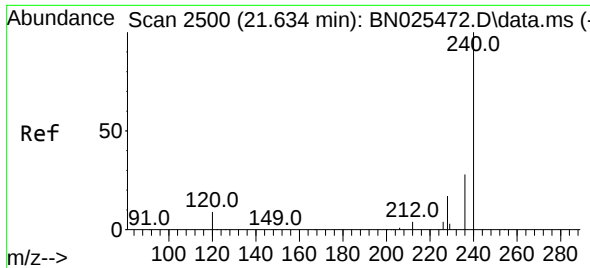
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#28
Fluoranthene
Concen: 0.473 ng
RT: 19.490 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

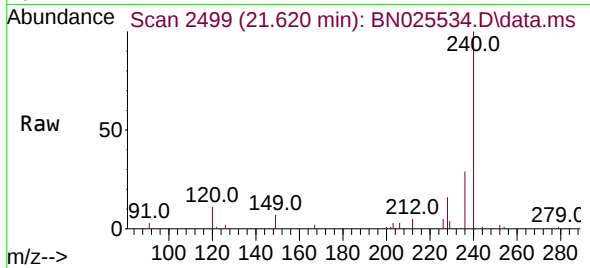
Tgt Ion:202 Resp: 31500
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
203 17.1 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

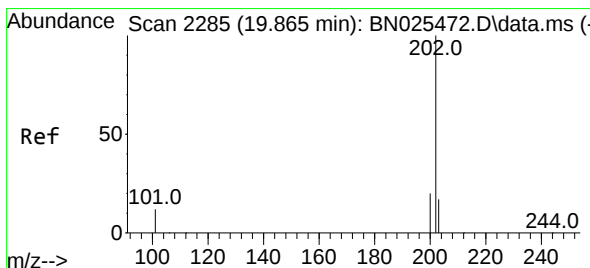
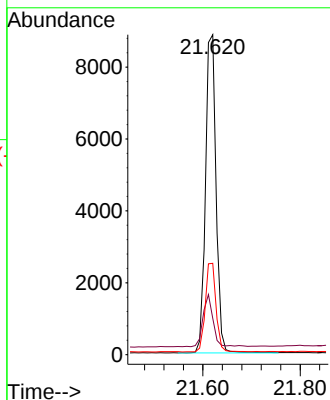
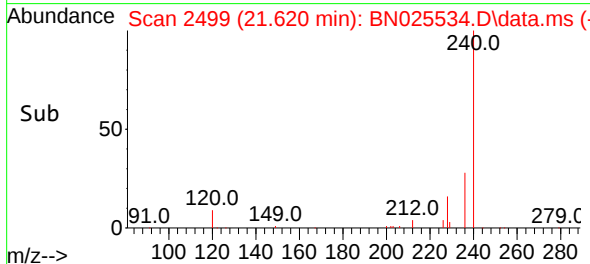
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



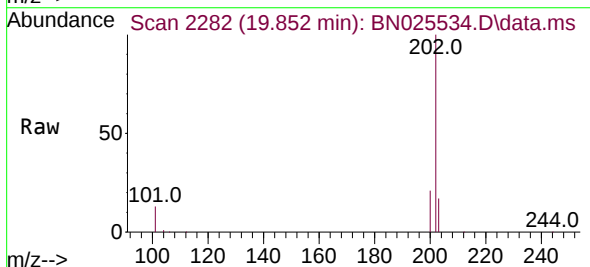
Tgt Ion:240 Resp: 1338
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 28.6 22.7 34.1

Manual Integrations
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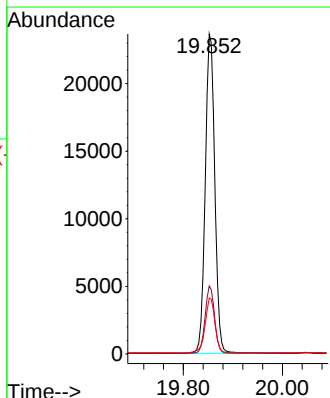
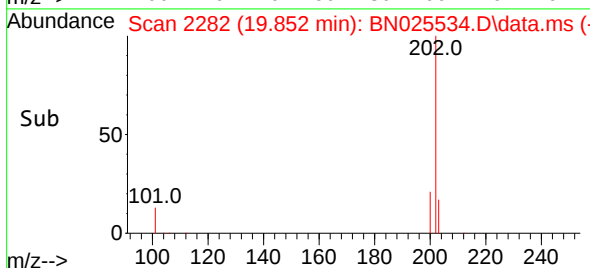
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

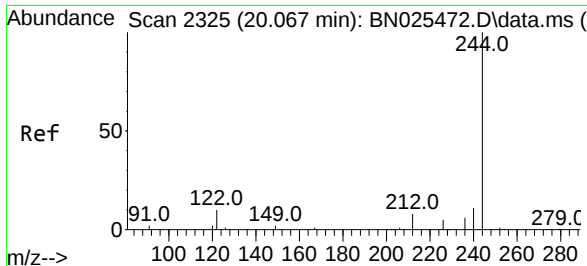


#30
Pyrene
Concen: 0.592 ng
RT: 19.852 min Scan# 2282
Delta R.T. -0.004 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51



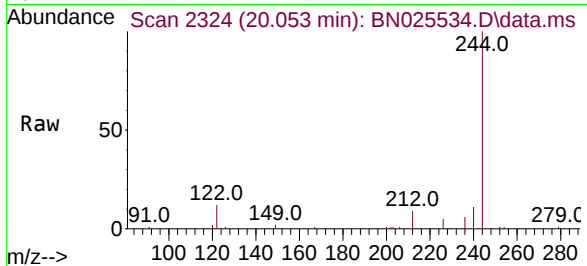
Tgt Ion:202 Resp: 31623
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.7 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.612 ng
 RT: 20.053 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025534.D
 Acq: 20 May 2023 21:51

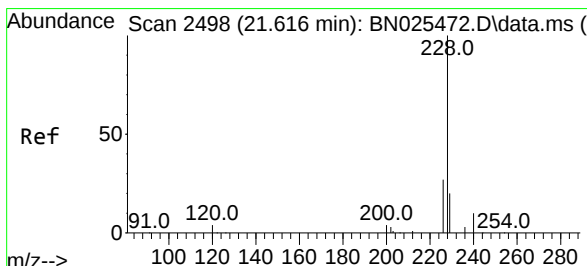
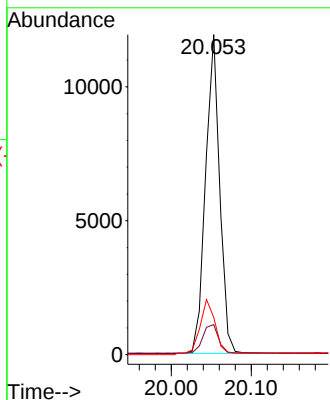
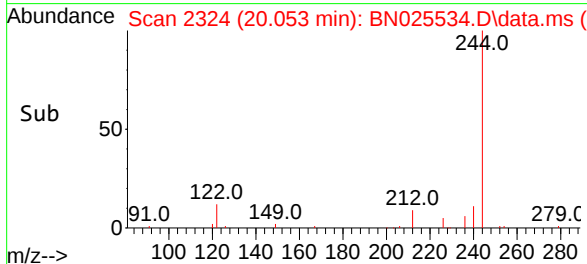
Instrument :
 BNA_N
 ClientSampleId :
 PB152912BSD



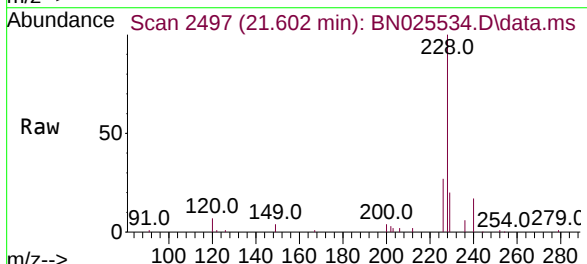
Tgt Ion:244 Resp: 1455
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.6 10.0
 122 11.7 8.1 12.1

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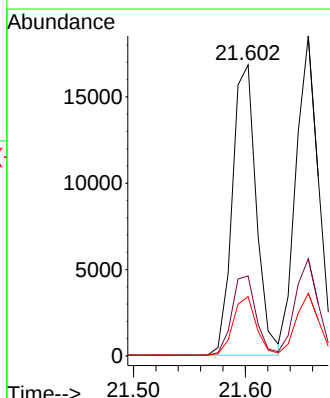
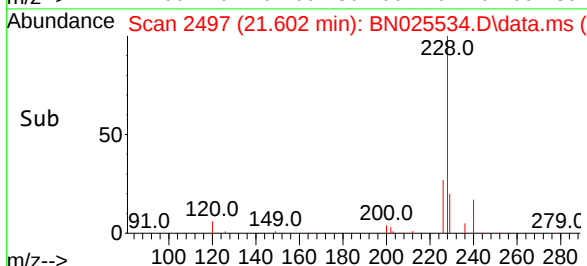
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

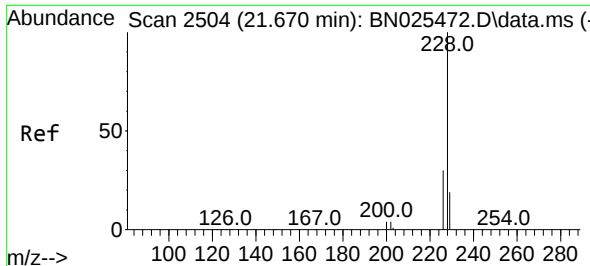


#32
 Benzo(a)anthracene
 Concen: 0.515 ng
 RT: 21.602 min Scan# 2497
 Delta R.T. 0.004 min
 Lab File: BN025534.D
 Acq: 20 May 2023 21:51



Tgt Ion:228 Resp: 24976
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.1 33.1
 229 20.4 15.8 23.8





#33

Chrysene

Concen: 0.539 ng

RT: 21.656 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN025534.D

Acq: 20 May 2023 21:51

Instrument :

BNA_N

ClientSampleId :

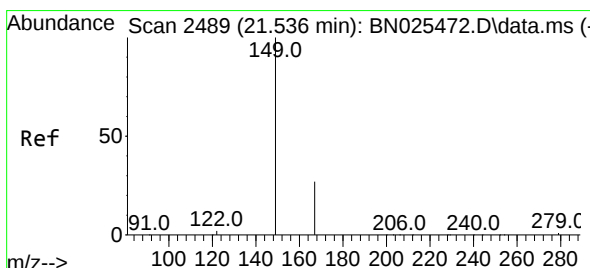
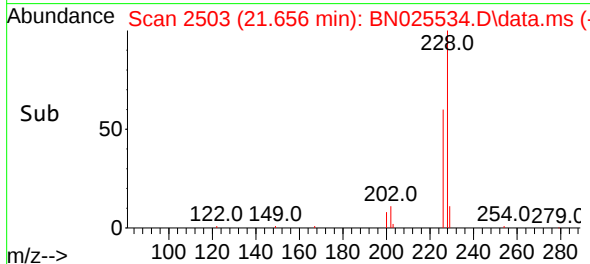
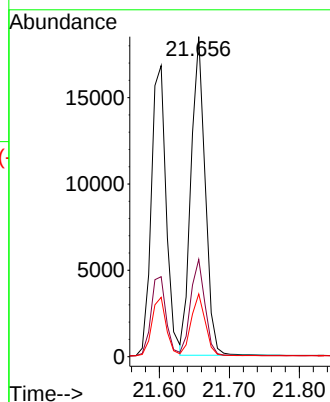
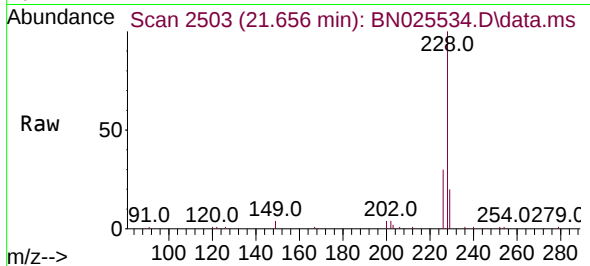
PB152912BSD

Tgt Ion:	228	Resp:	2587
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	19.6	15.4	23.2

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Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.505 ng

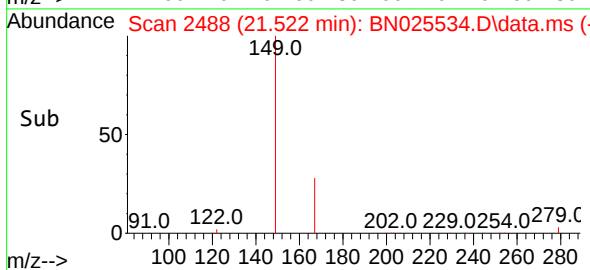
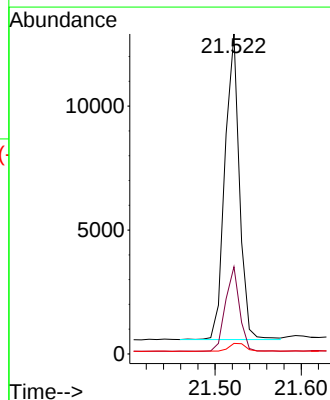
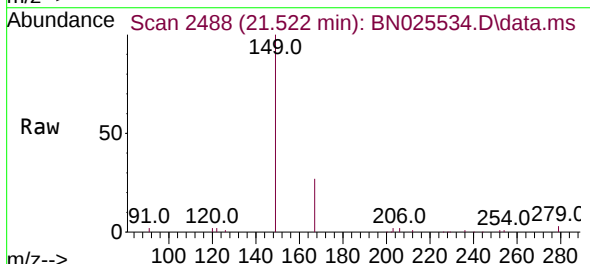
RT: 21.522 min Scan# 2488

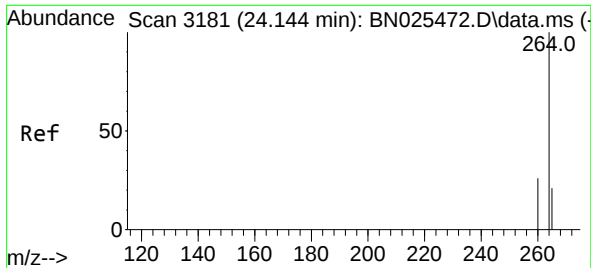
Delta R.T. 0.004 min

Lab File: BN025534.D

Acq: 20 May 2023 21:51

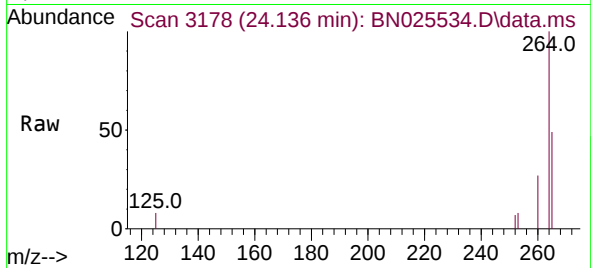
Tgt Ion:	149	Resp:	14396
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.0	33.0
279	3.4	2.6	3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.136 min Scan# 3181
Delta R.T. 0.016 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

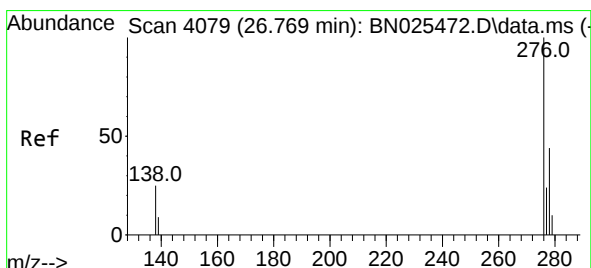
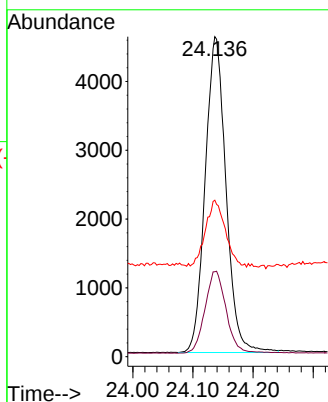
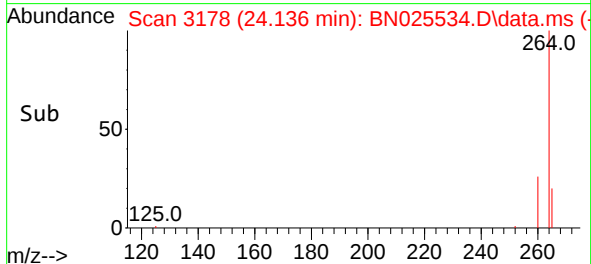
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion:264 Resp: 11039
Ion Ratio Lower Upper
264 100
260 26.6 21.2 31.8
265 48.9 27.1 40.7

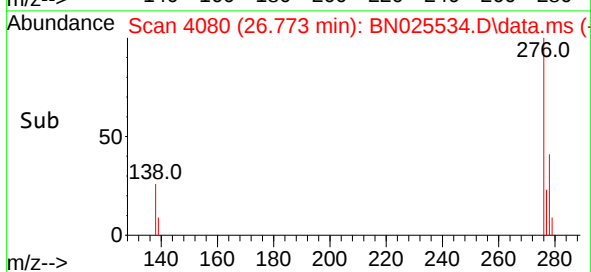
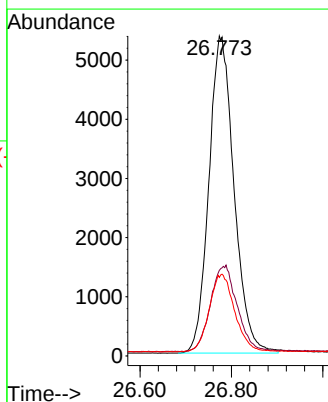
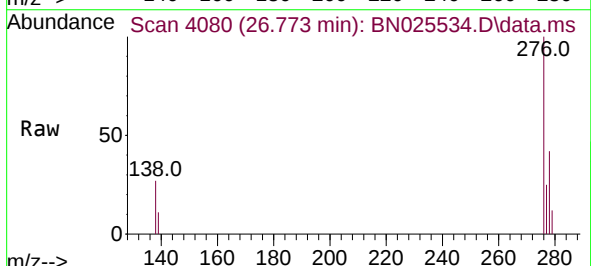
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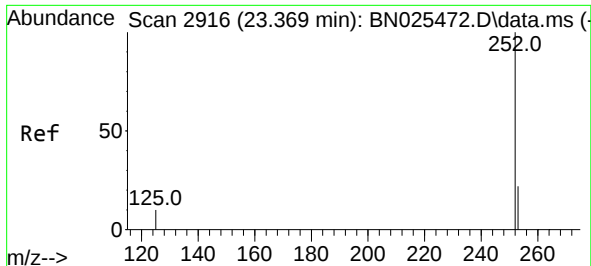
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng
RT: 26.773 min Scan# 4080
Delta R.T. 0.027 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Tgt Ion:276 Resp: 20492
Ion Ratio Lower Upper
276 100
138 28.6 21.8 32.6
277 24.8 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.540 ng m

RT: 23.362 min Scan# 2916

Delta R.T. 0.010 min

Lab File: BN025534.D

Acq: 20 May 2023 21:51

Instrument :

BNA_N

ClientSampleId :

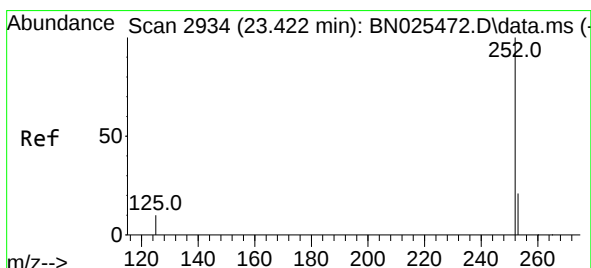
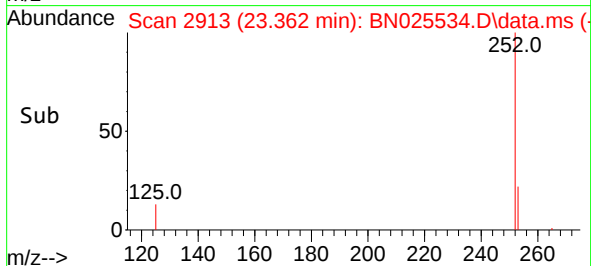
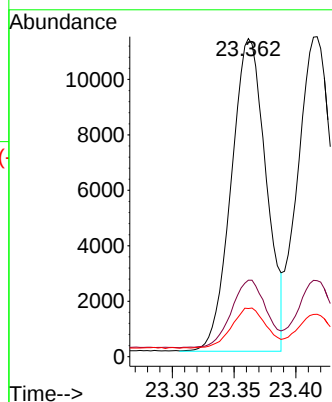
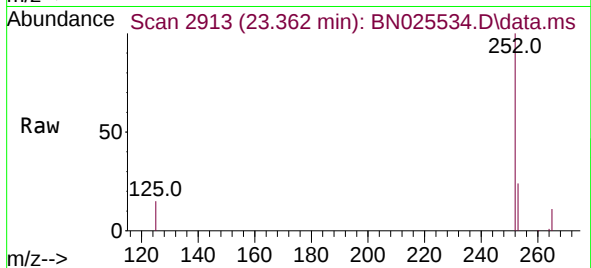
PB152912BSD

Tgt Ion:	252	Resp:	22128
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.8	28.2
125	15.1	9.6	14.4

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Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#38

Benzo(k)fluoranthene

Concen: 0.534 ng

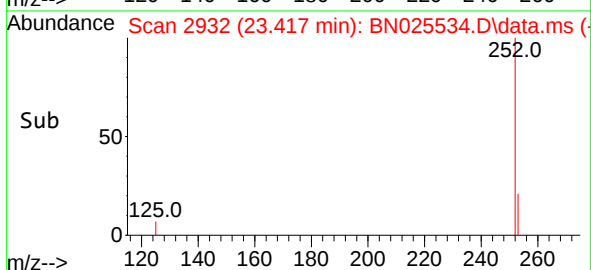
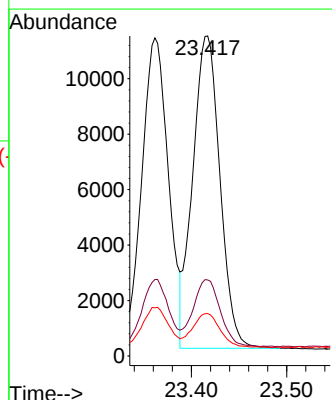
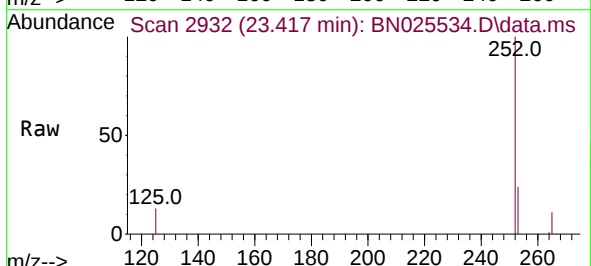
RT: 23.417 min Scan# 2932

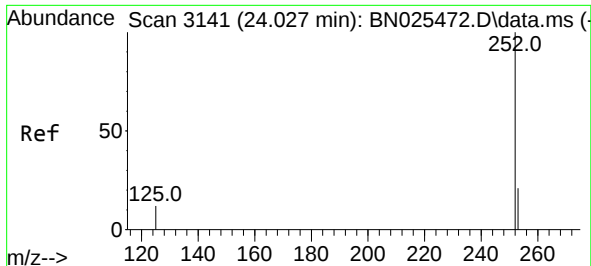
Delta R.T. 0.016 min

Lab File: BN025534.D

Acq: 20 May 2023 21:51

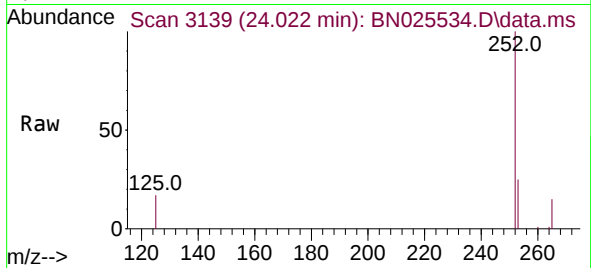
Tgt Ion:	252	Resp:	22351
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.4	27.6
125	13.3	9.8	14.8





#39
Benzo(a)pyrene
Concen: 0.495 ng
RT: 24.022 min Scan# 3141
Delta R.T. 0.013 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

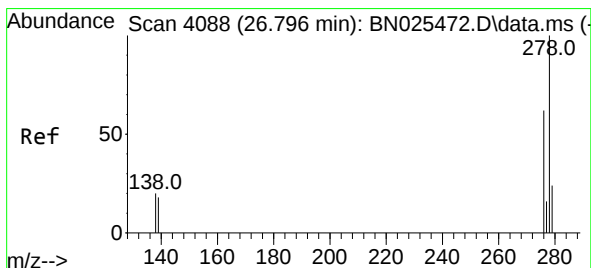
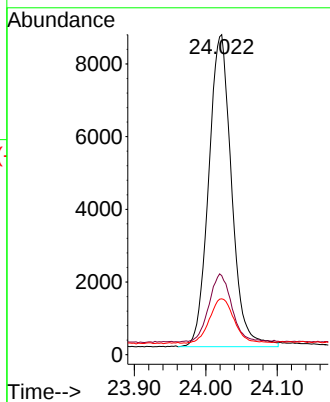
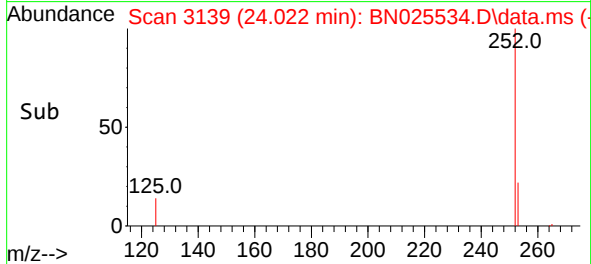
Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion:252 Resp: 1908
Ion Ratio Lower Upper
252 100
253 24.7 18.6 28.0
125 17.4 11.0 16.6

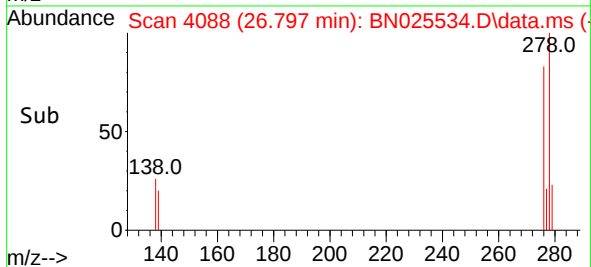
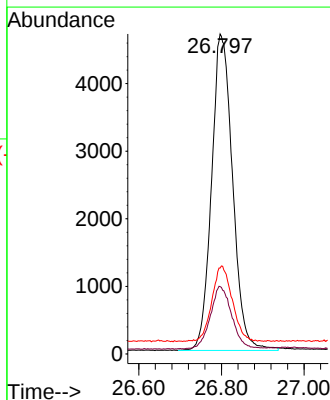
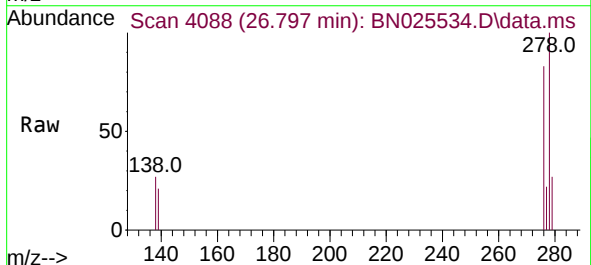
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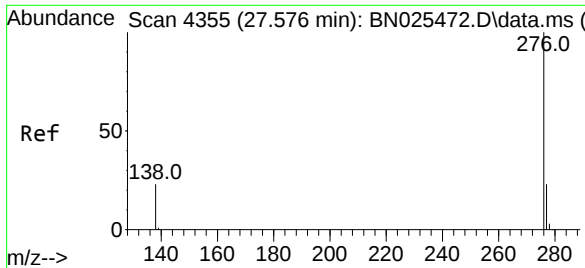
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.463 ng
RT: 26.797 min Scan# 4088
Delta R.T. 0.033 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

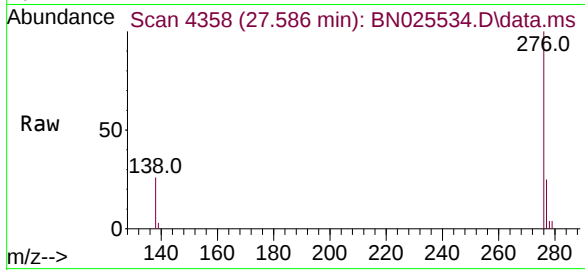
Tgt Ion:278 Resp: 16557
Ion Ratio Lower Upper
278 100
139 21.1 15.0 22.6
279 26.9 20.5 30.7





#41
Benzo(g,h,i)perylene
Concen: 0.448 ng
RT: 27.586 min Scan# 41
Delta R.T. 0.036 min
Lab File: BN025534.D
Acq: 20 May 2023 21:51

Instrument :
BNA_N
ClientSampleId :
PB152912BSD



Tgt Ion:276 Resp: 1691
Ion Ratio Lower Upper
276 100
277 25.4 19.2 28.8
138 25.5 19.2 28.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

