

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132975.D
 Acq On : 21 Apr 2023 18:27
 Operator : CG\JU
 Sample : PB152302BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152302BS

Quant Time: Apr 22 04:29:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	216652	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	888918	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	450002	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	776589	20.000	ng	0.00
76) Chrysene-d12	13.910	240	476923	20.000	ng	0.00
86) Perylene-d12	15.327	264	443230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1281157	89.329	ng	0.02
7) Phenol-d6	6.387	99	1596176	89.666	ng	0.00
23) Nitrobenzene-d5	7.322	82	1430042	86.835	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	392443	86.716	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	2278947	84.726	ng	0.00
79) Terphenyl-d14	12.863	244	2459207	88.931	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	266654	40.084	ng	100
3) Pyridine	3.281	79	674288	38.163	ng	99
4) n-Nitrosodimethylamine	3.246	42	410790	44.887	ng	98
6) Aniline	6.410	93	812460	35.436	ng	96
8) 2-Chlorophenol	6.534	128	701143	48.149	ng	99
9) Benzaldehyde	6.293	77	403152	56.271	ng	96
10) Phenol	6.404	94	900180	45.838	ng	89
11) bis(2-Chloroethyl)ether	6.487	93	681208	46.225	ng	99
12) 1,3-Dichlorobenzene	6.693	146	720297	46.525	ng	100
13) 1,4-Dichlorobenzene	6.769	146	730406	47.074	ng	98
14) 1,2-Dichlorobenzene	6.922	146	691983	48.374	ng	97
15) Benzyl Alcohol	6.898	79	599257	48.734	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1169829	45.704	ng	99
17) 2-Methylphenol	7.010	107	579302	43.446	ng	99
18) Hexachloroethane	7.263	117	258735	47.963	ng	93
19) n-Nitroso-di-n-propyla...	7.175	70	493692	44.548	ng	99
20) 3+4-Methylphenols	7.169	107	667435	42.504	ng	95
22) Acetophenone	7.169	105	917036	44.535	ng	96
24) Nitrobenzene	7.340	77	720878	43.198	ng	98
25) Isophorone	7.581	82	1353711	43.294	ng	100
26) 2-Nitrophenol	7.651	139	386814	48.057	ng	100
27) 2,4-Dimethylphenol	7.698	122	627481	45.463	ng	98
28) bis(2-Chloroethoxy)met...	7.793	93	800634	43.283	ng	99
29) 2,4-Dichlorophenol	7.898	162	556803	44.315	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	585726	44.998	ng	99
31) Naphthalene	8.063	128	1911307	43.006	ng	100
32) Benzoic acid	7.834	122	462399	54.238	ng	97
33) 4-Chloroaniline	8.110	127	184705	10.286	ng	99
34) Hexachlorobutadiene	8.181	225	312932	43.376	ng	99
35) Caprolactam	8.492	113	201785m	47.806	ng	
36) 4-Chloro-3-methylphenol	8.592	107	601490	44.393	ng	99
37) 2-Methylnaphthalene	8.751	142	1244630	40.962	ng	98
38) 1-Methylnaphthalene	8.851	142	1158607	40.761	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	501931	41.484	ng	99
41) Hexachlorocyclopentadiene	8.910	237	652432	92.460	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	371982	44.456	ng	100

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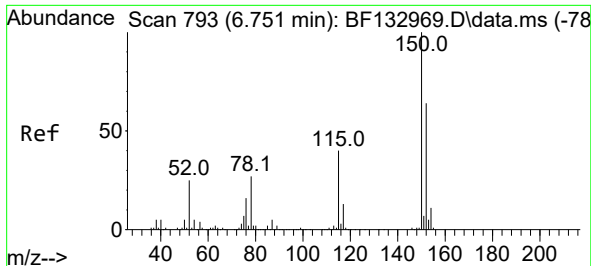
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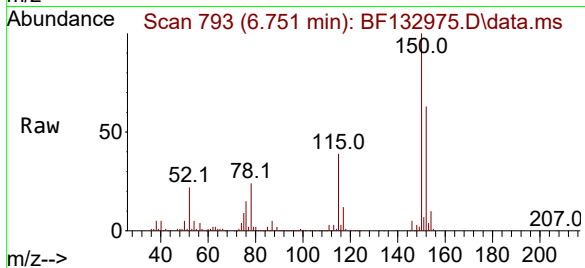
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	393763	40.690	ng	99
46) 1,1'-Biphenyl	9.216	154	1498322	41.990	ng	99
47) 2-Chloronaphthalene	9.239	162	1123437	43.014	ng	99
48) 2-Nitroaniline	9.334	65	383901	44.475	ng	93
49) Acenaphthylene	9.651	152	1766854	42.338	ng	100
50) Dimethylphthalate	9.522	163	1331055	42.420	ng	100
51) 2,6-Dinitrotoluene	9.575	165	318495	45.098	ng	97
52) Acenaphthene	9.828	154	1298225	46.448	ng	99
53) 3-Nitroaniline	9.745	138	248697	29.616	ng	96
54) 2,4-Dinitrophenol	9.851	184	370626	104.406	ng	96
55) Dibenzofuran	9.998	168	1564822	41.043	ng	98
56) 4-Nitrophenol	9.910	139	585553	90.032	ng	91
57) 2,4-Dinitrotoluene	9.981	165	416732	46.270	ng	98
58) Fluorene	10.339	166	1126644	40.334	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	336149	44.806	ng	97
60) Diethylphthalate	10.222	149	1261098	42.550	ng	99
61) 4-Chlorophenyl-phenyle...	10.334	204	545335	40.062	ng	99
62) 4-Nitroaniline	10.363	138	342995	44.442	ng	98
63) Azobenzene	10.492	77	1311438	41.770	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	242321	51.480	ng	78
66) n-Nitrosodiphenylamine	10.451	169	1067936	42.394	ng	100
67) 4-Bromophenyl-phenylether	10.822	248	358554	42.571	ng	99
68) Hexachlorobenzene	10.886	284	397379	46.044	ng	99
69) Atrazine	10.986	200	369197	50.864	ng	99
70) Pentachlorophenol	11.081	266	492791	80.173	ng	99
71) Phenanthrene	11.298	178	1762178	42.219	ng	100
72) Anthracene	11.351	178	1795340	42.030	ng	99
73) Carbazole	11.504	167	1654851	43.508	ng	99
74) Di-n-butylphthalate	11.839	149	1928324	44.800	ng	100
75) Fluoranthene	12.480	202	1798499	42.934	ng	99
77) Benzidine	12.604	184	830076	102.923	ng	95
78) Pyrene	12.710	202	1854121	45.352	ng	99
80) Butylbenzylphthalate	13.333	149	728122	50.300	ng	93
81) Benzo(a)anthracene	13.898	228	1458890	44.483	ng	99
82) 3,3'-Dichlorobenzidine	13.863	252	321366	35.471	ng	99
83) Chrysene	13.933	228	1422851	43.395	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	880312	48.450	ng	99
85) Di-n-octyl phthalate	14.510	149	1673766	56.495	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	1198663	47.544	ng	100
88) Benzo(b)fluoranthene	14.927	252	1343106	47.632	ng	99
89) Benzo(k)fluoranthene	14.957	252	1218689	43.599	ng	100
90) Benzo(a)pyrene	15.274	252	1083082	42.199	ng	99
91) Dibenzo(a,h)anthracene	16.739	278	1004976	47.792	ng	98
92) Benzo(g,h,i)perylene	17.133	276	986502	47.520	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

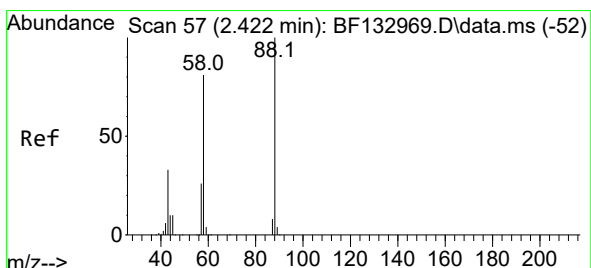
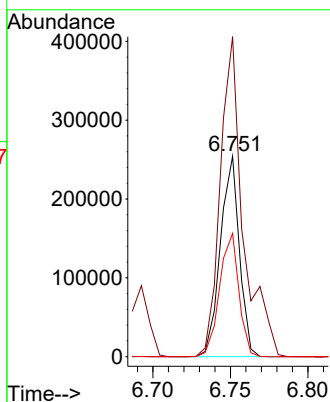
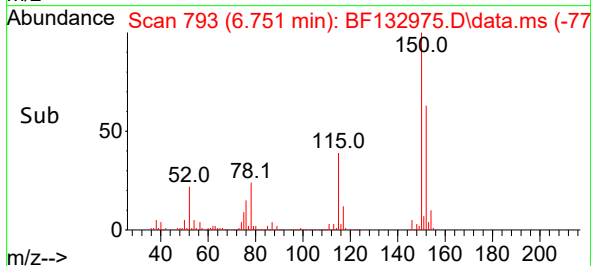
Instrument :
BNA_F
ClientSampleId :
PB152302BS



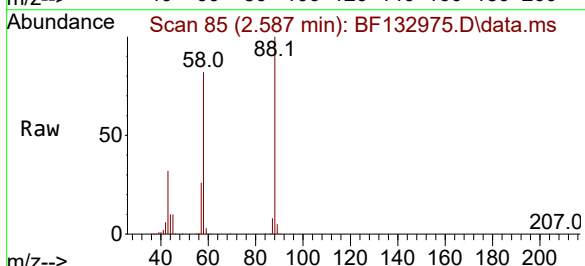
Tgt Ion:152 Resp: 216652
Ion Ratio Lower Upper
152 100
150 159.6 124.8 187.2
115 61.5 49.9 74.9

Manual Integrations
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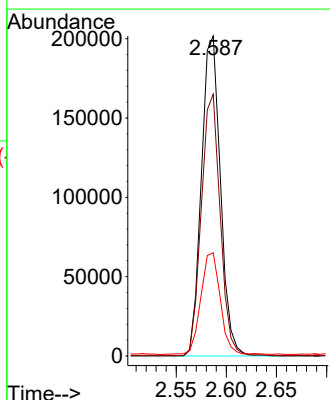
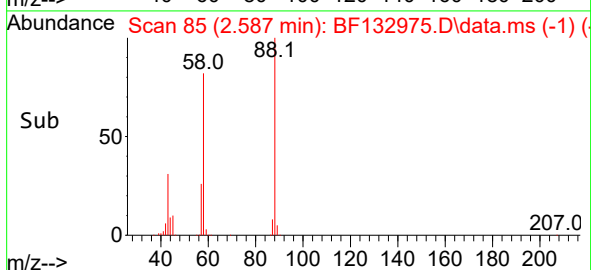
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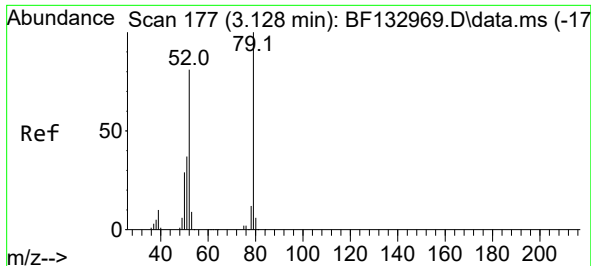


#2
1,4-Dioxane
Concen: 40.084 ng
RT: 2.587 min Scan# 85
Delta R.T. 0.165 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion: 88 Resp: 266654
Ion Ratio Lower Upper
88 100
58 80.9 64.7 97.1
43 32.4 26.2 39.2





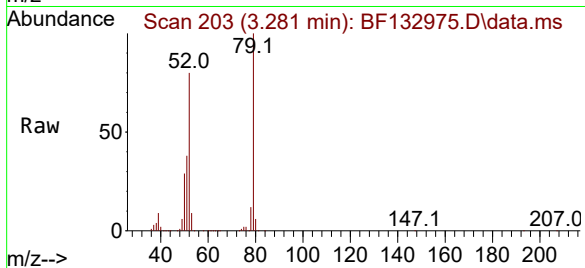
#3
Pyridine
Concen: 38.163 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.153 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

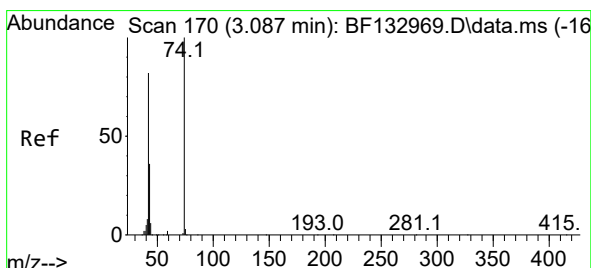
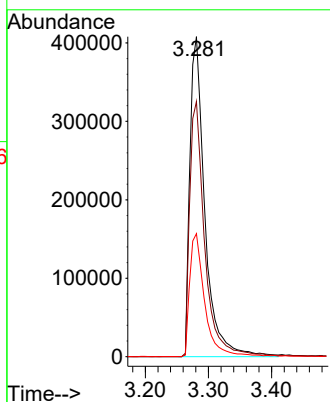
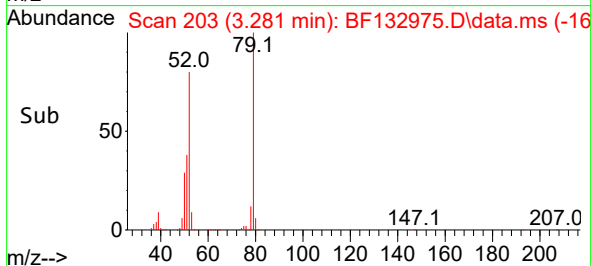
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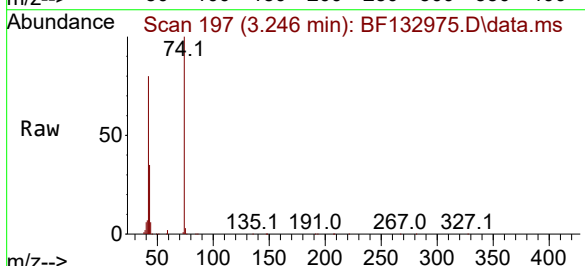
Tgt Ion: 79 Resp: 674288
Ion Ratio Lower Upper
79 100
52 79.7 64.6 96.8
51 38.4 30.0 45.0

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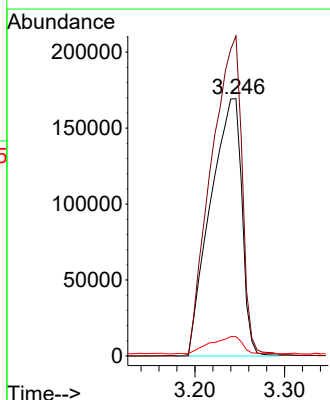
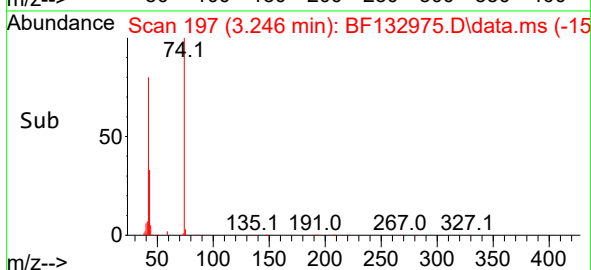
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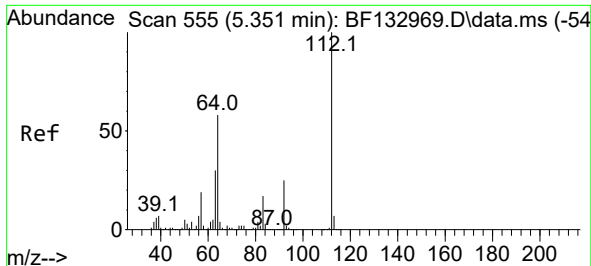


#4
n-Nitrosodimethylamine
Concen: 44.887 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.159 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



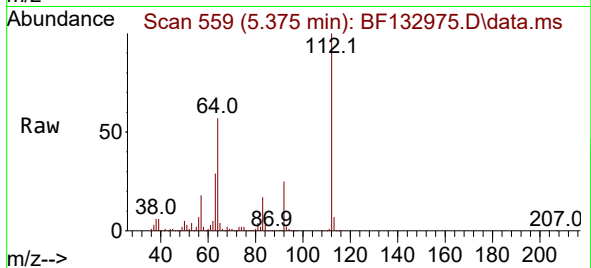
Tgt Ion: 42 Resp: 410790
Ion Ratio Lower Upper
42 100
74 124.4 98.0 147.0
44 7.5 5.8 8.8





#5
2-Fluorophenol
Concen: 89.329 ng
RT: 5.375 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

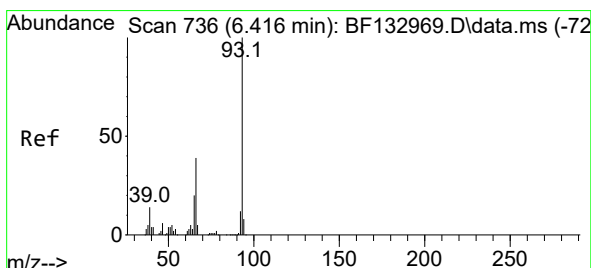
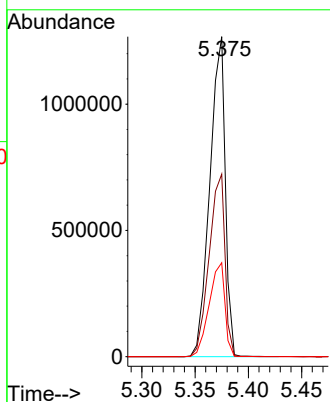
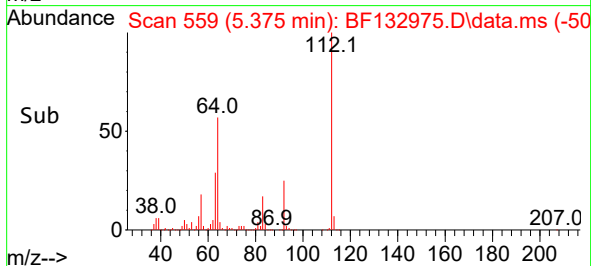
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ClientSampleId :
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Tgt Ion:112 Resp: 128115
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.4 23.8 35.8

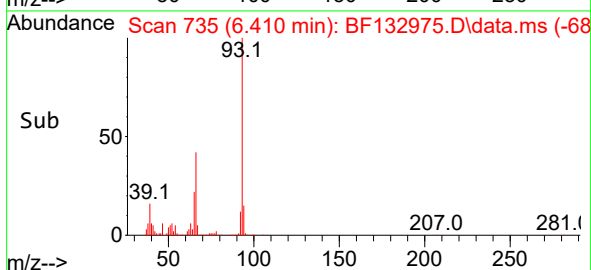
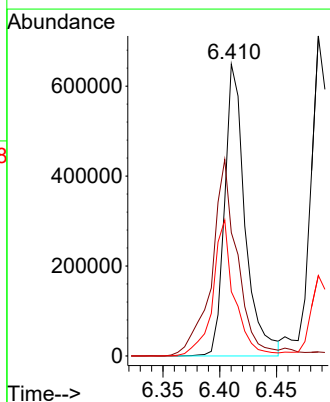
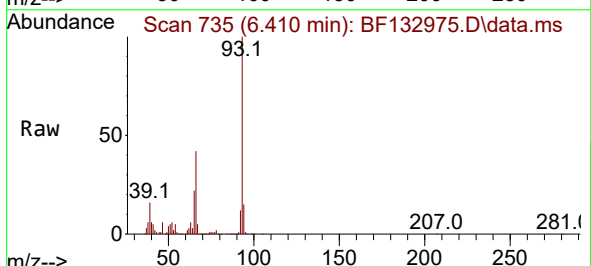
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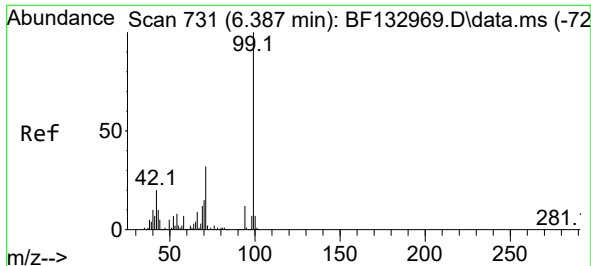
Reviewed By :Christian Giraldo 04/24/2023
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#6
Aniline
Concen: 35.436 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

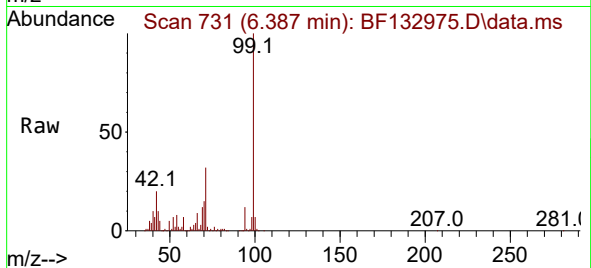
Tgt Ion: 93 Resp: 812460
Ion Ratio Lower Upper
93 100
66 42.3 31.5 47.3
65 22.1 16.4 24.6





#7
Phenol-d6
Concen: 89.666 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

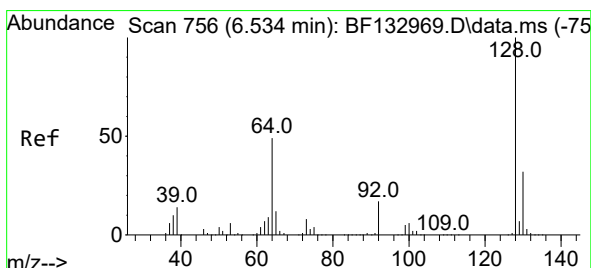
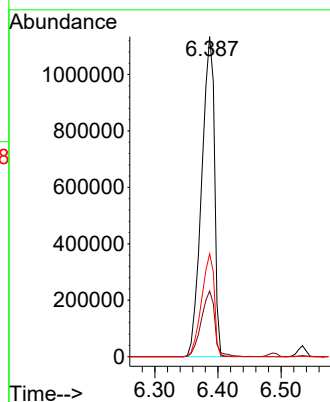
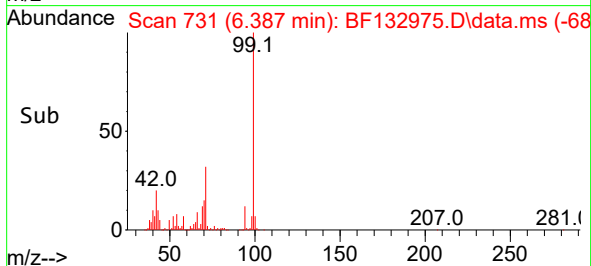
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Tgt Ion: 99 Resp: 1596170
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 32.2 25.6 38.4

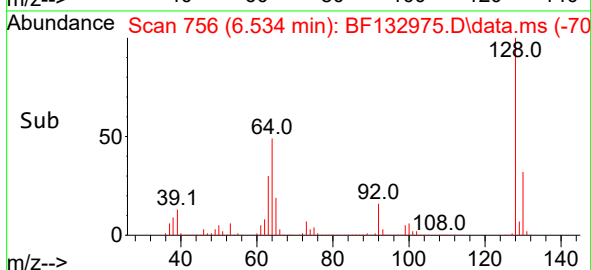
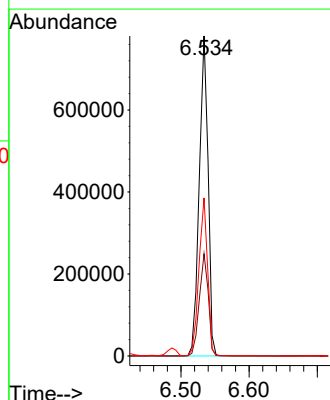
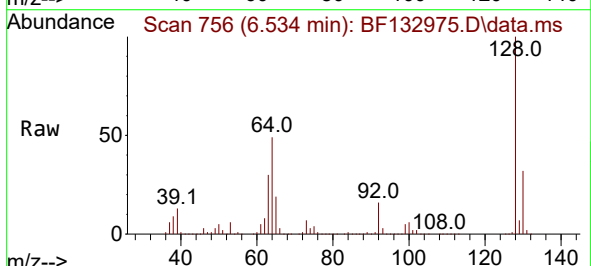
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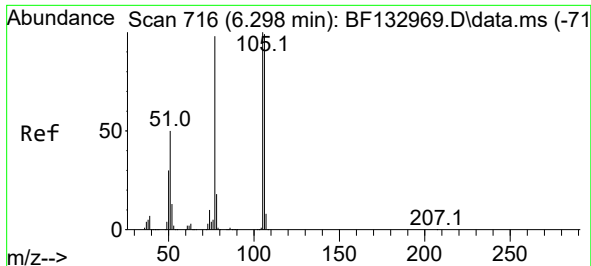
Reviewed By :Christian Giraldo 04/24/2023
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#8
2-Chlorophenol
Concen: 48.149 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

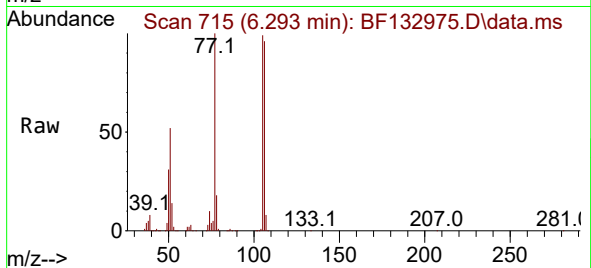
Tgt Ion:128 Resp: 701143
Ion Ratio Lower Upper
128 100
130 31.9 12.2 52.2
64 49.4 30.3 70.3





#9
Benzaldehyde
Concen: 56.271 ng
RT: 6.293 min Scan# 716
Delta R.T. -0.005 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

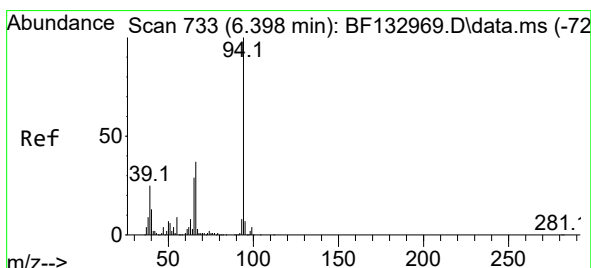
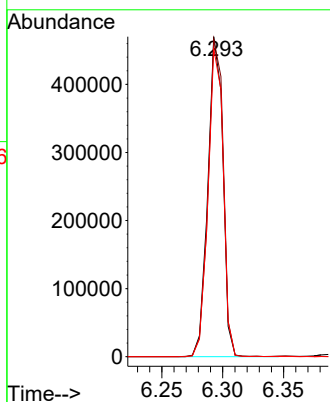
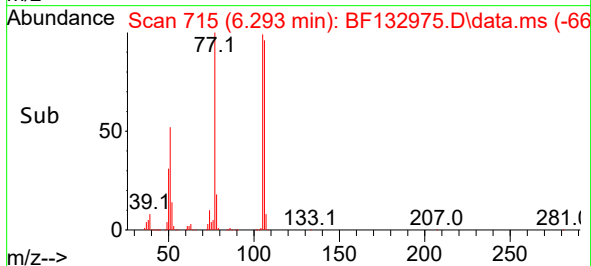
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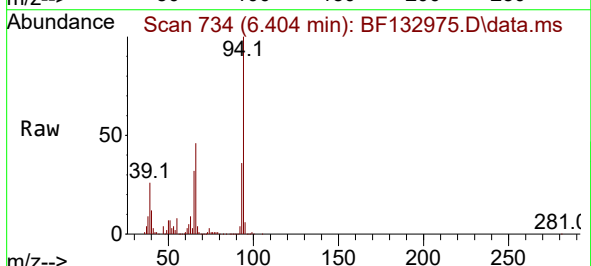
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Ion Ratio Lower Upper
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105 99.2 82.3 122.3
106 96.3 80.8 120.8

Manual Integrations
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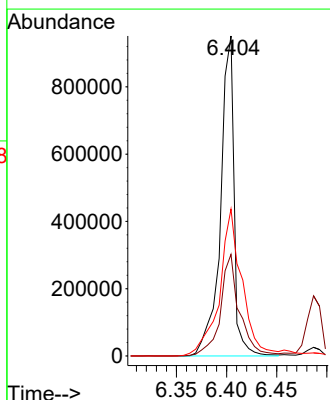
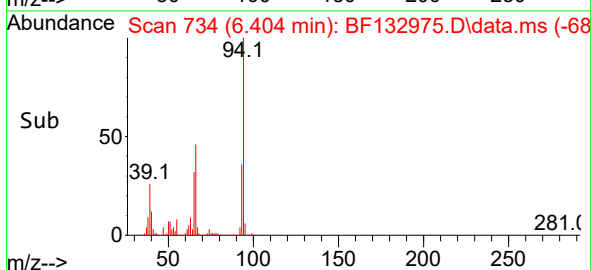
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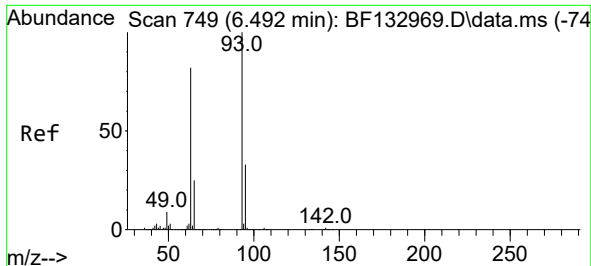


#10
Phenol
Concen: 45.838 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion: 94 Resp: 900180
Ion Ratio Lower Upper
94 100
65 31.8 8.6 48.6
66 45.9 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 46.225 ng

RT: 6.487 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF132975.D

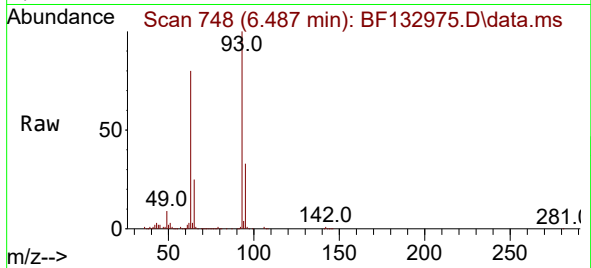
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS



Tgt Ion: 93 Resp: 681208

Ion Ratio Lower Upper

93 100

63 80.2 60.6 100.6

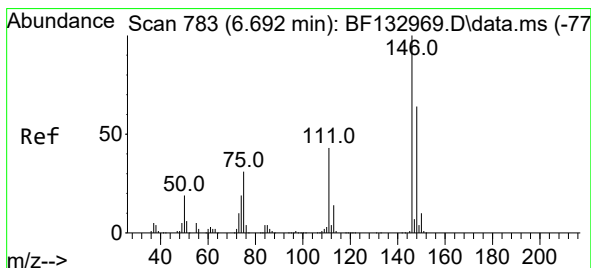
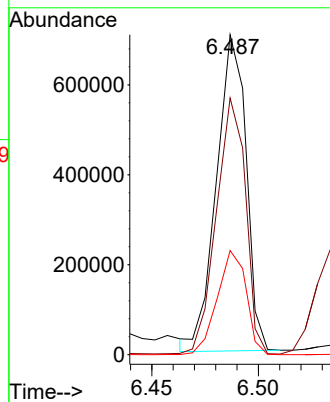
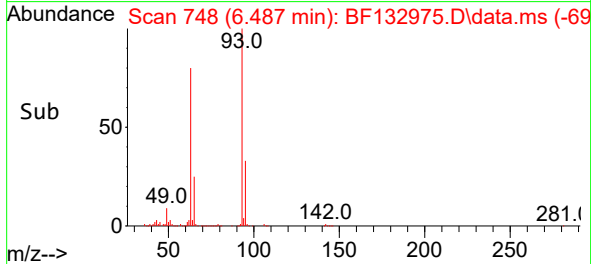
95 32.5 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#12

1,3-Dichlorobenzene

Concen: 46.525 ng

RT: 6.693 min Scan# 783

Delta R.T. 0.000 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

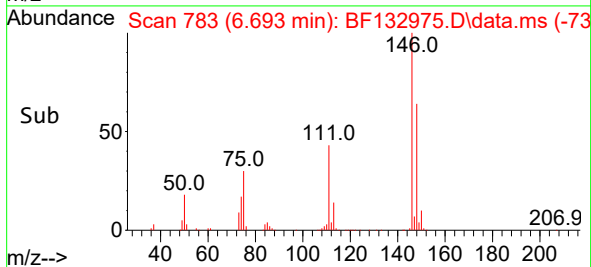
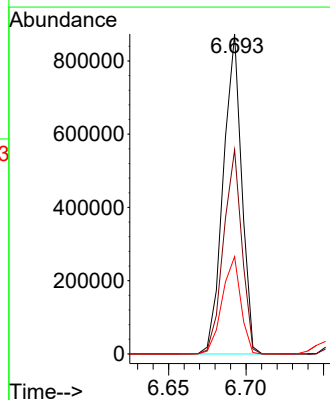
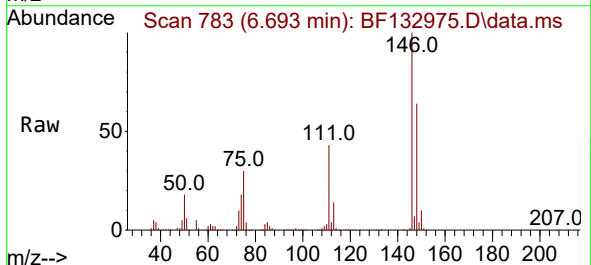
Tgt Ion:146 Resp: 720297

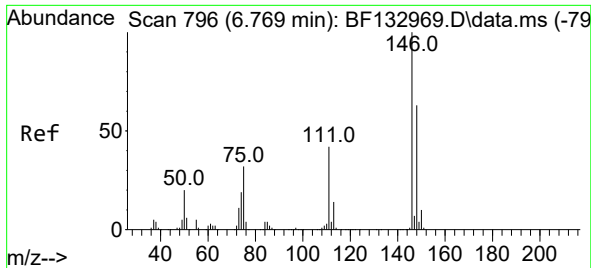
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

75 30.4 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 47.074 ng

RT: 6.769 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

Tgt Ion:146 Resp: 730400

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

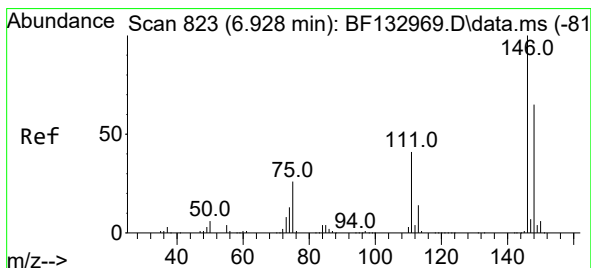
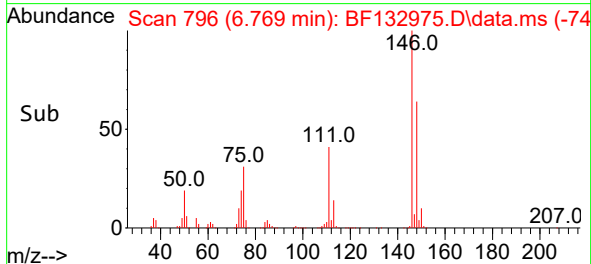
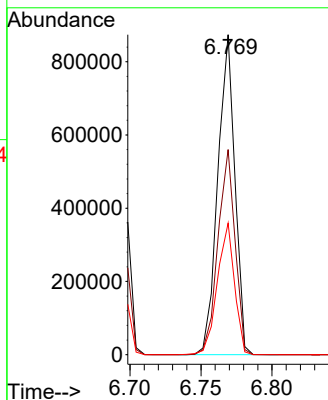
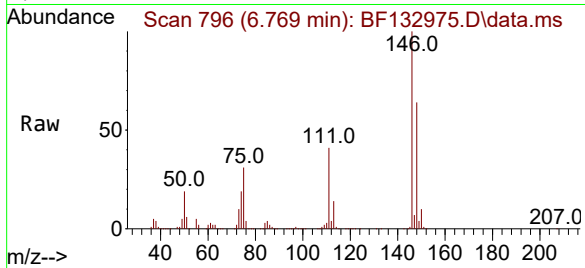
111 41.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#14

1,2-Dichlorobenzene

Concen: 48.374 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.006 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

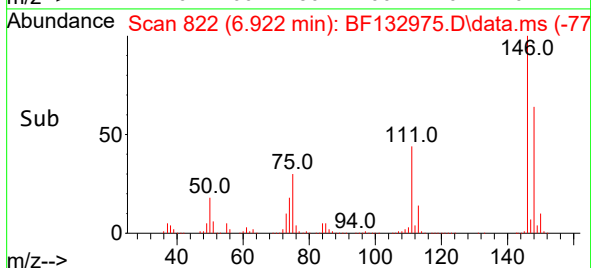
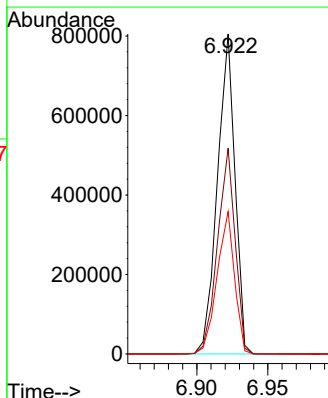
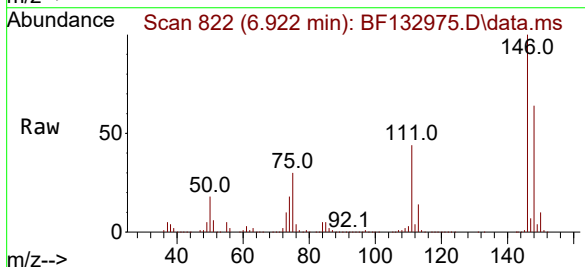
Tgt Ion:146 Resp: 691983

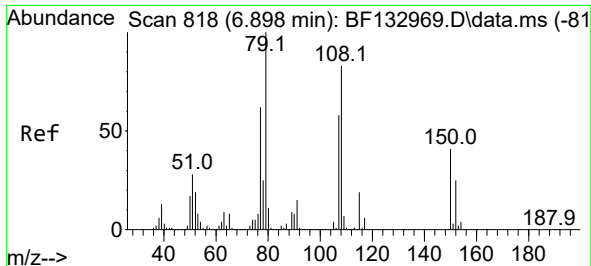
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

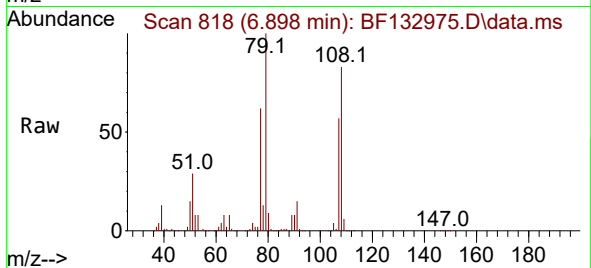
111 44.5 32.8 49.2





#15
Benzyl Alcohol
Concen: 48.734 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

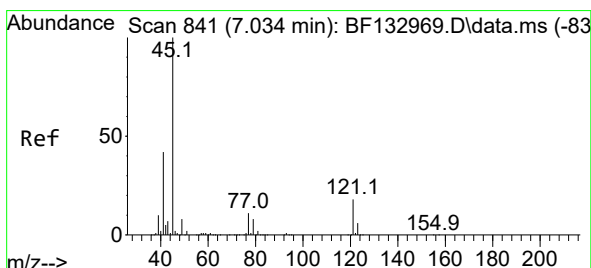
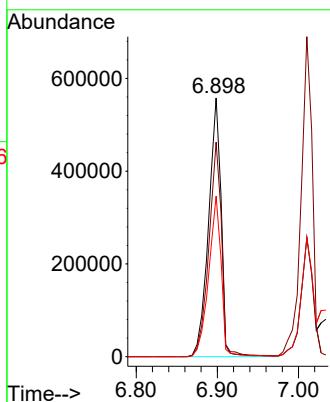
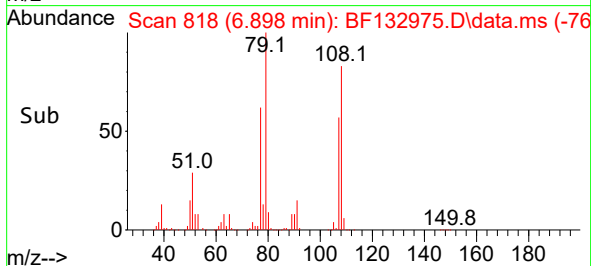
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion: 79 Resp: 59925
Ion Ratio Lower Upper
79 100
108 82.9 66.6 99.8
77 62.0 49.2 73.8

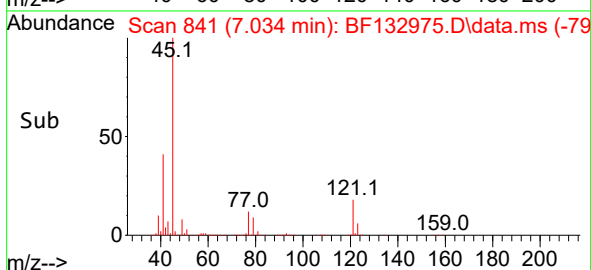
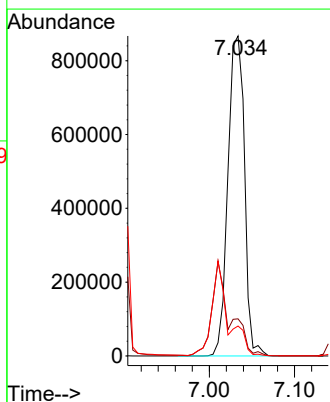
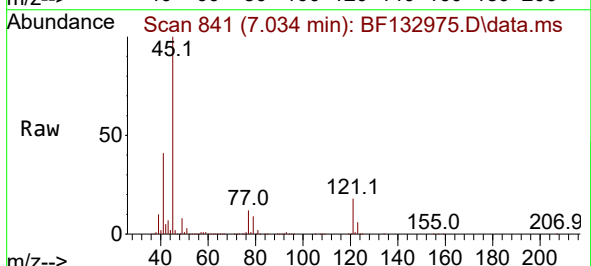
Manual Integrations
APPROVED

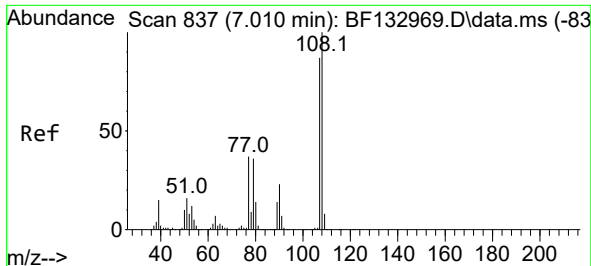
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.704 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

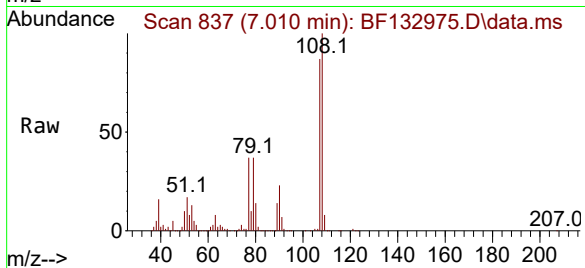
Tgt Ion: 45 Resp: 1169829
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.5
79 9.3 0.0 28.7





#17
2-Methylphenol
Concen: 43.446 ng
RT: 7.010 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

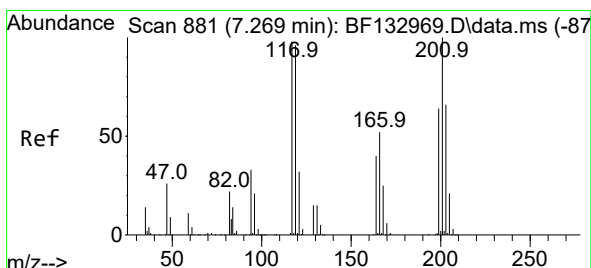
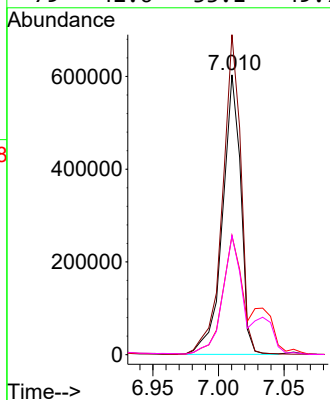
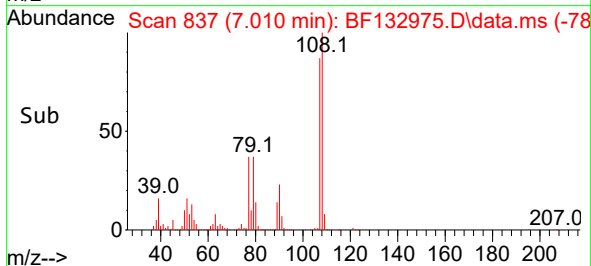
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:107 Resp: 579302
Ion Ratio Lower Upper
107 100
108 114.4 92.4 138.6
77 42.5 33.8 50.8
79 42.6 33.1 49.7

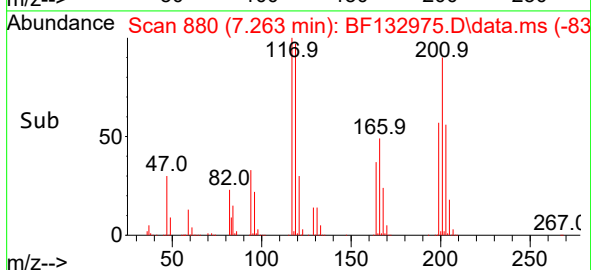
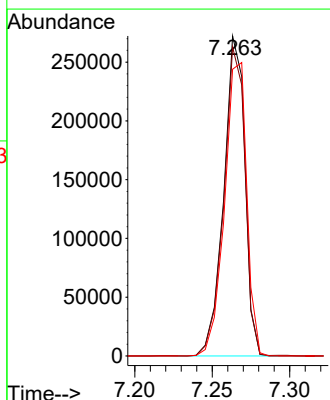
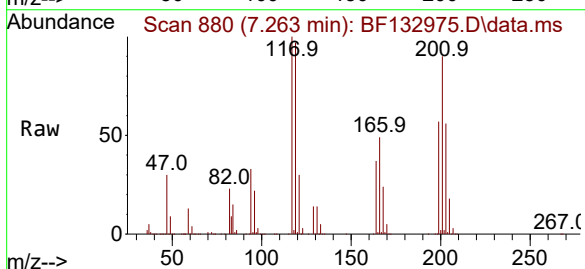
Manual Integrations
APPROVED

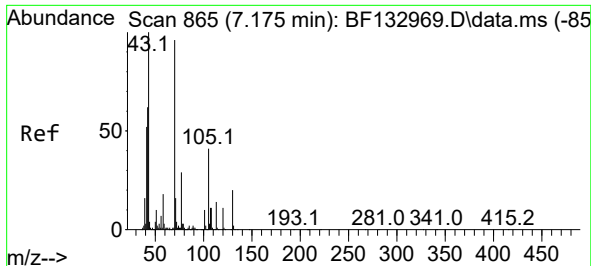
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#18
Hexachloroethane
Concen: 47.963 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:117 Resp: 258735
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
201 89.6 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 44.548 ng

RT: 7.175 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

Tgt Ion: 70 Resp: 493692

Ion Ratio Lower Upper

70 100

42 65.6 51.8 77.6

101 9.7 8.0 12.0

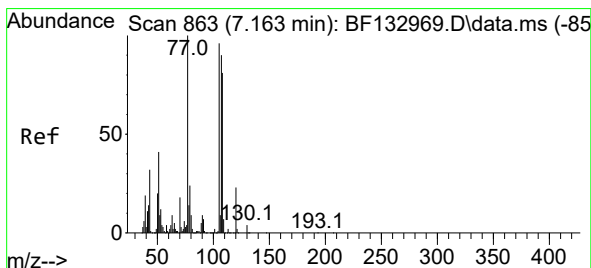
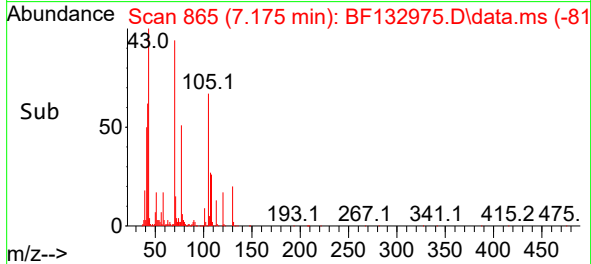
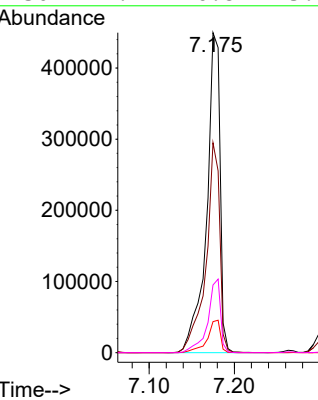
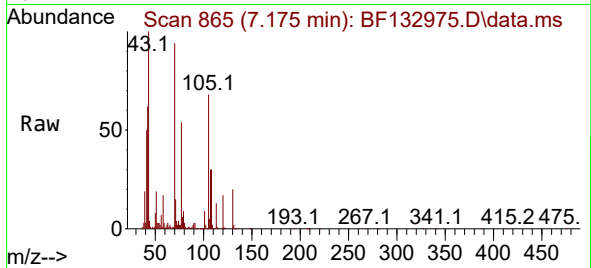
130 21.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#20

3+4-Methylphenols

Concen: 42.504 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

Tgt Ion:107 Resp: 667435

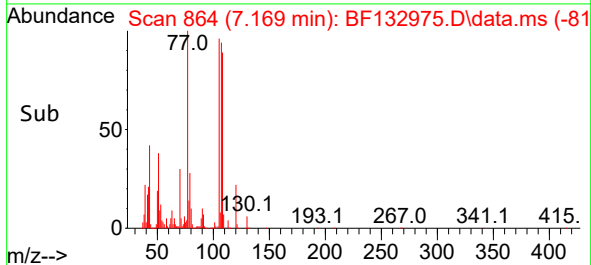
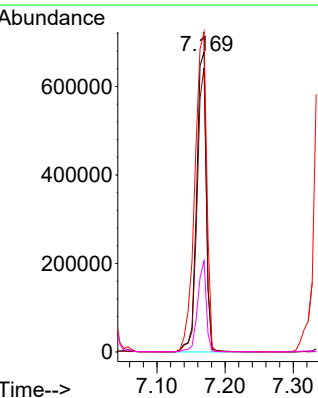
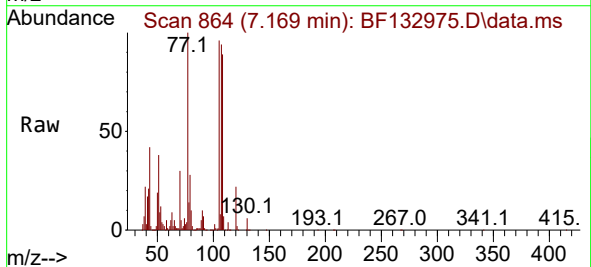
Ion Ratio Lower Upper

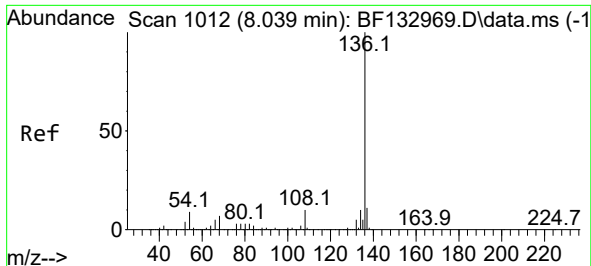
107 100

108 94.7 70.5 110.5

77 106.7 91.7 131.7

79 30.3 7.1 47.1





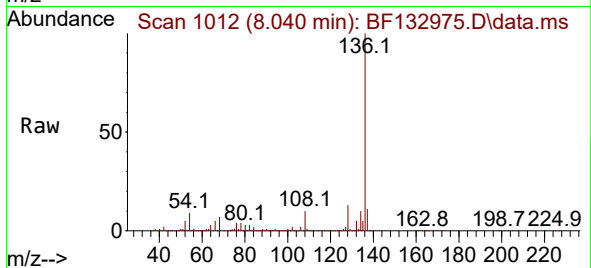
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

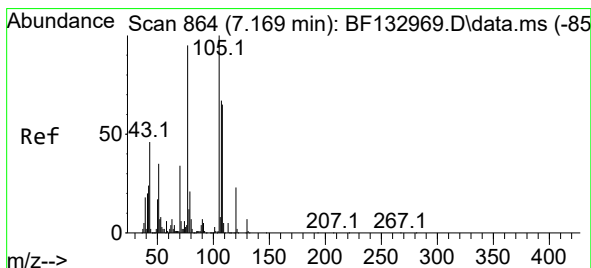
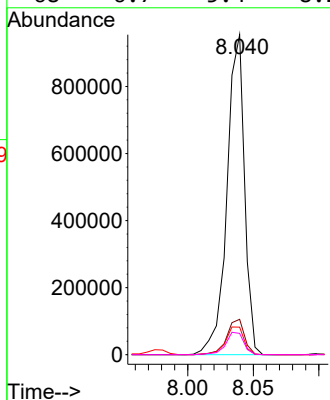
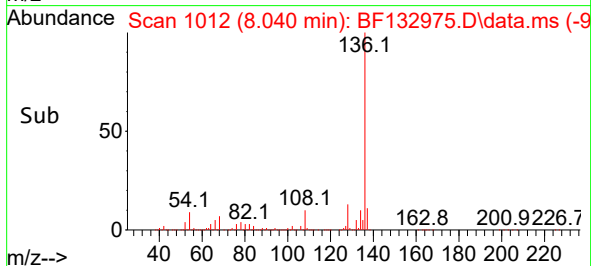


Tgt Ion:136 Resp: 888918
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 7.0 10.4
68 6.7 5.4 8.2

Manual Integrations

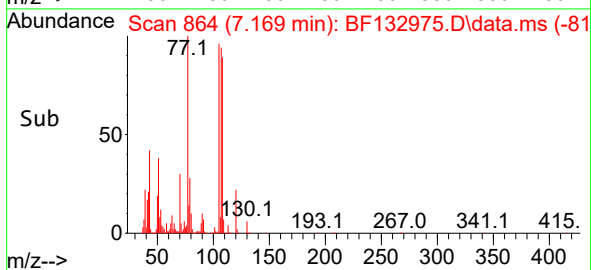
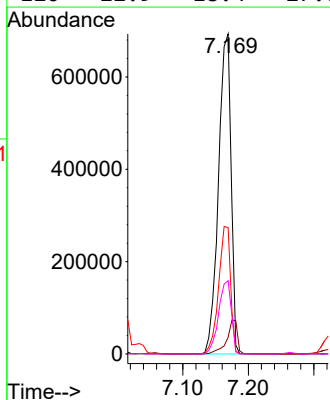
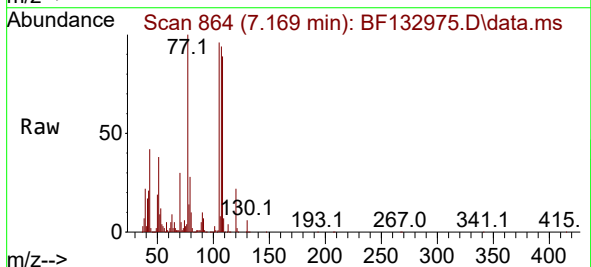
APPROVED

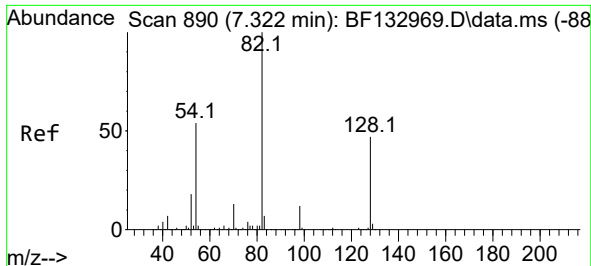
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#22
Acetophenone
Concen: 44.535 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:105 Resp: 917036
Ion Ratio Lower Upper
105 100
71 5.2 4.6 7.0
51 39.5 28.2 42.2
120 22.9 18.4 27.6





#23
Nitrobenzene-d5
Concen: 86.835 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

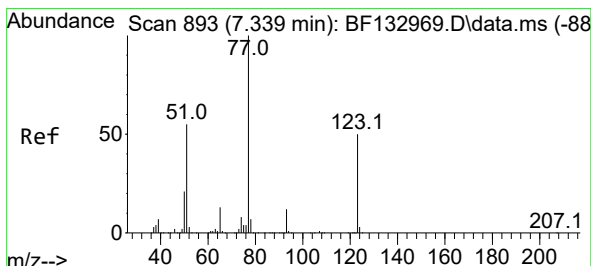
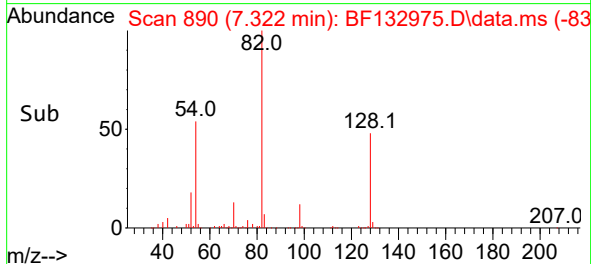
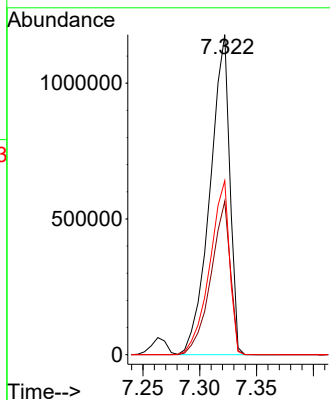
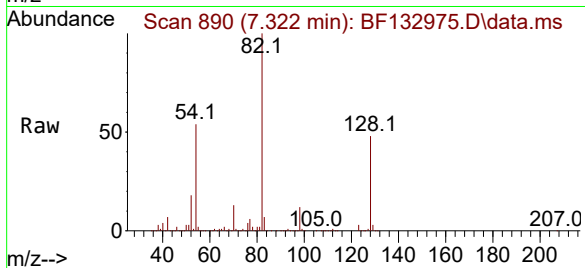
PB152302BS

Tgt Ion: 82 Resp: 143004
Ion Ratio Lower Upper
82 100
128 48.0 37.7 56.5
54 54.4 43.0 64.4

Manual Integrations

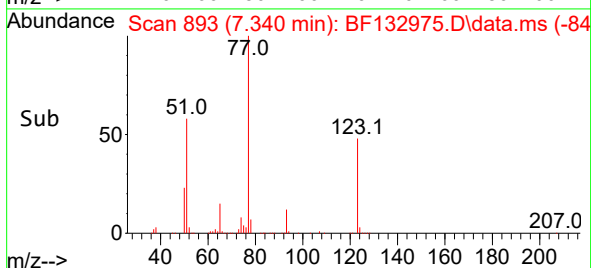
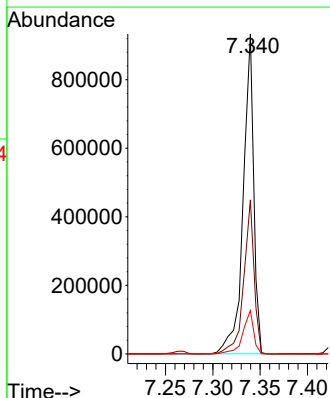
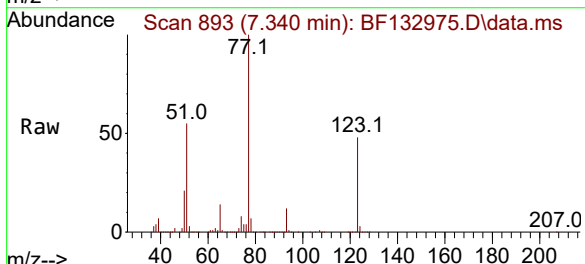
APPROVED

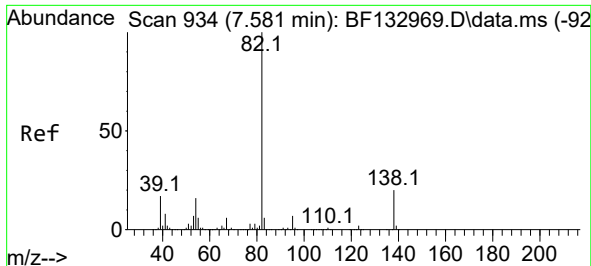
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#24
Nitrobenzene
Concen: 43.198 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion: 77 Resp: 720878
Ion Ratio Lower Upper
77 100
123 48.1 39.9 59.9
65 13.5 10.7 16.1





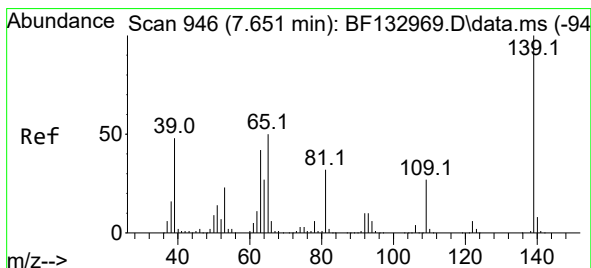
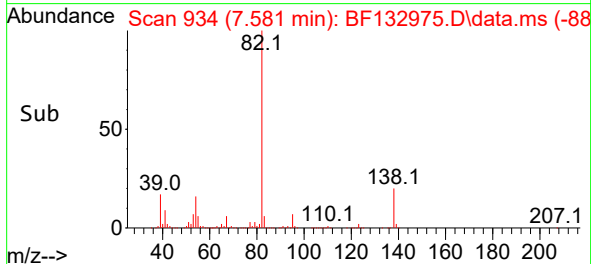
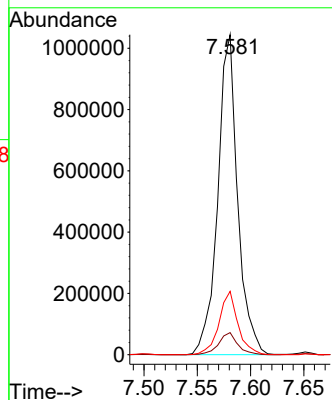
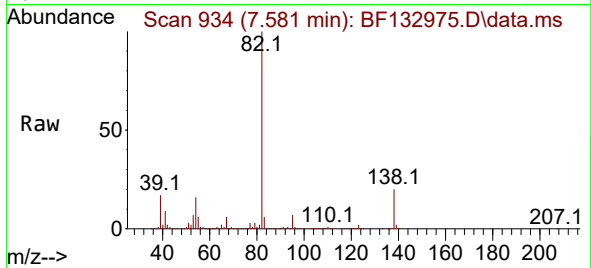
#25
Isophorone
Concen: 43.294 ng
RT: 7.581 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB152302BS

Tgt Ion: 82 Resp: 135371
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.8 16.0 24.0

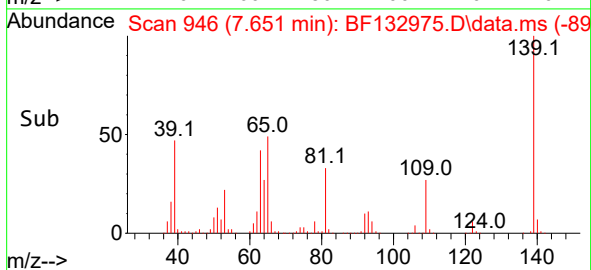
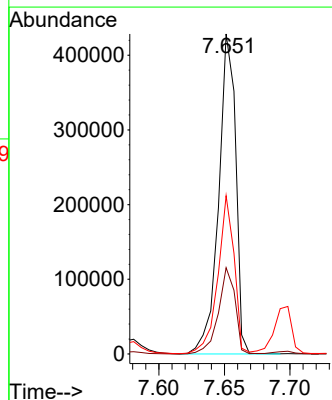
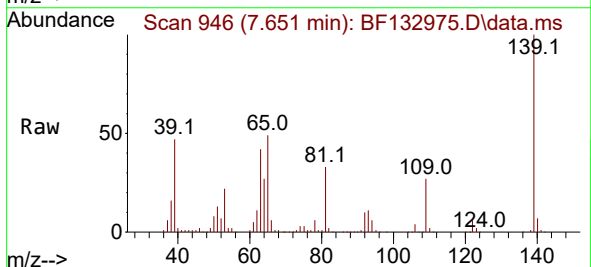
Manual Integrations
APPROVED

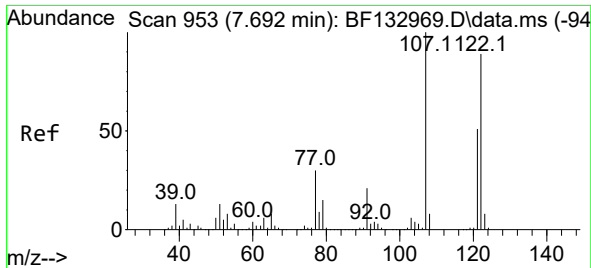
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#26
2-Nitrophenol
Concen: 48.057 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:139 Resp: 386814
Ion Ratio Lower Upper
139 100
109 26.9 21.6 32.4
65 49.5 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 45.463 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

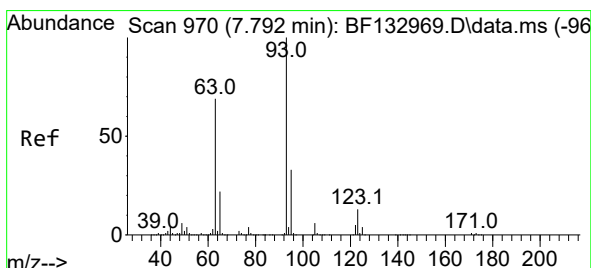
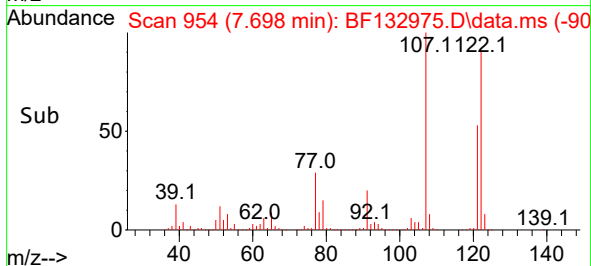
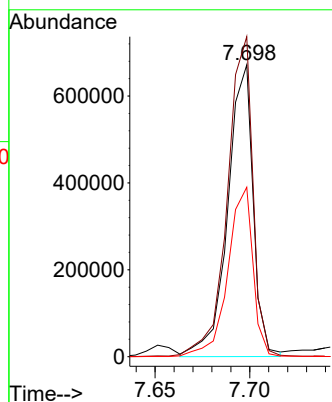
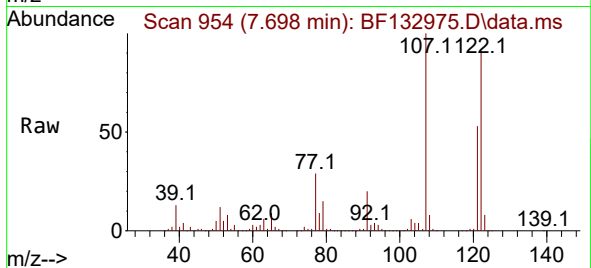
ClientSampleId :

PB152302BS

Tgt Ion:122 Resp: 62748
Ion Ratio Lower Upper
122 100
107 109.6 89.7 134.5
121 58.0 46.0 69.0

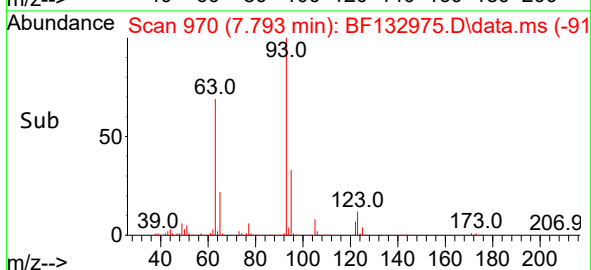
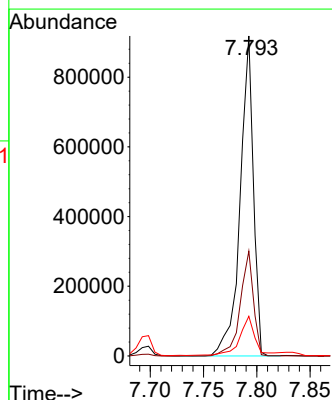
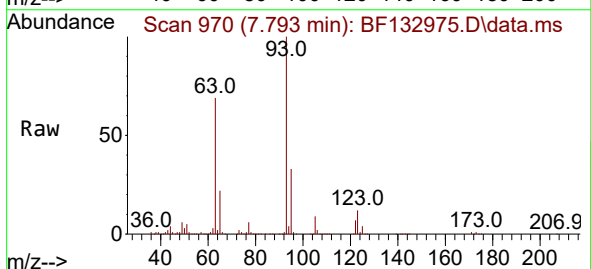
Manual Integrations
APPROVED

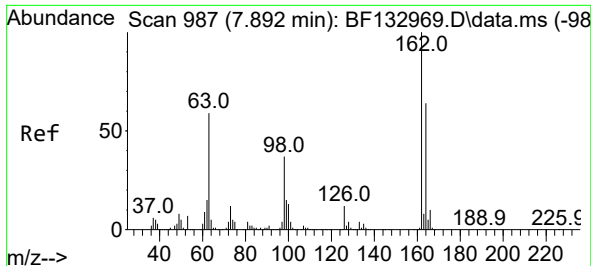
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.283 ng
RT: 7.793 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion: 93 Resp: 800634
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.315 ng

RT: 7.898 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

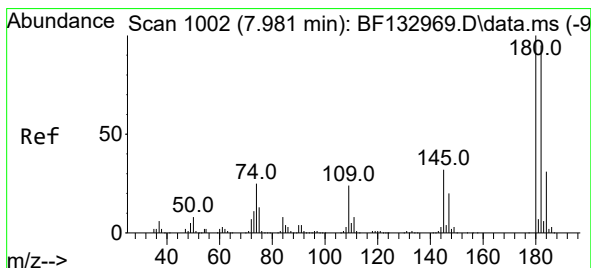
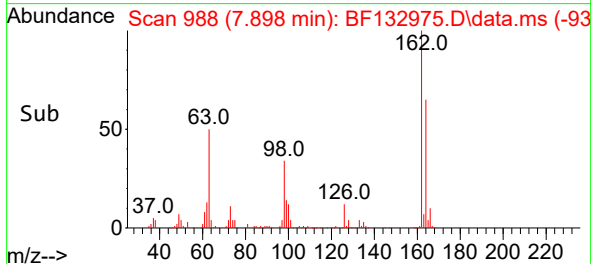
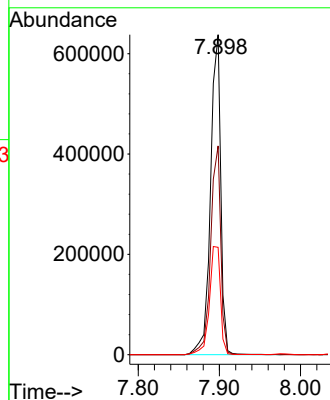
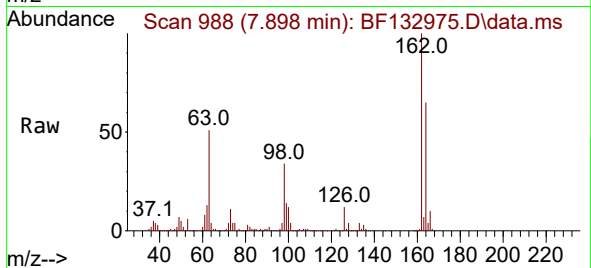
PB152302BS

Tgt Ion:162 Resp: 55680
 Ion Ratio Lower Upper
 162 100
 164 65.3 43.9 83.9
 98 33.5 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.998 ng

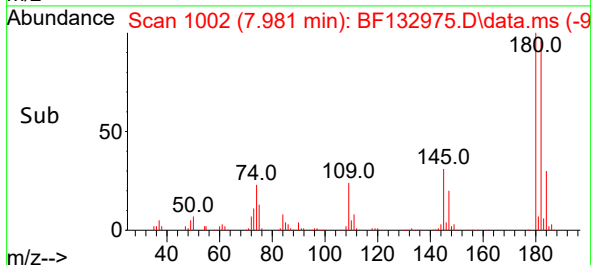
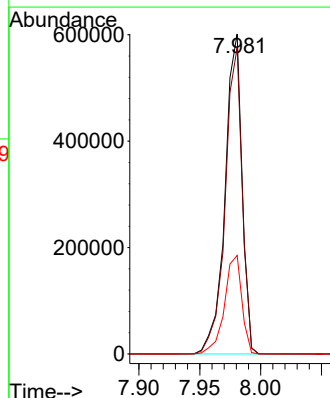
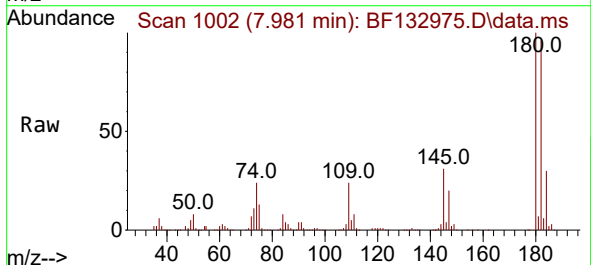
RT: 7.981 min Scan# 1002

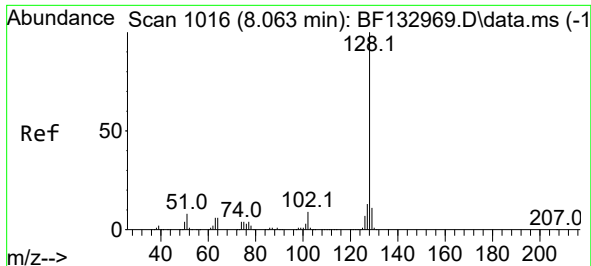
Delta R.T. 0.000 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

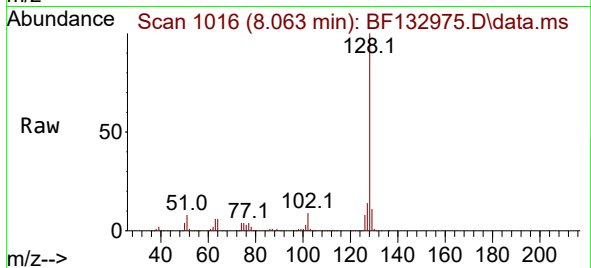
Tgt Ion:180 Resp: 585726
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.9 113.9
 145 30.8 25.3 37.9





#31
Naphthalene
Concen: 43.006 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

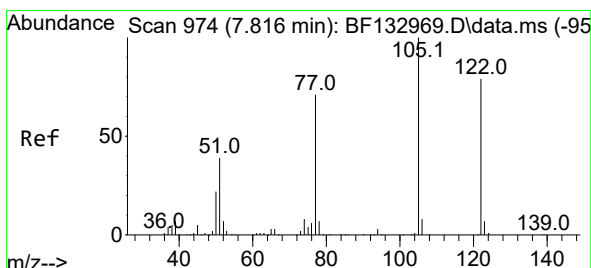
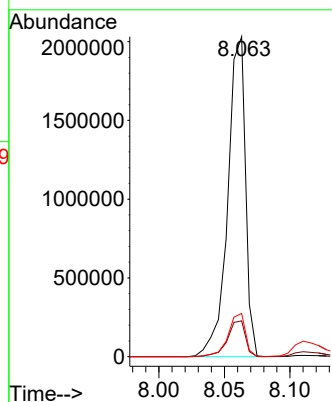
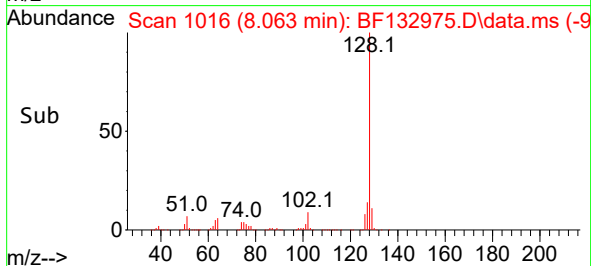
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:128 Resp: 191130
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.7 16.1

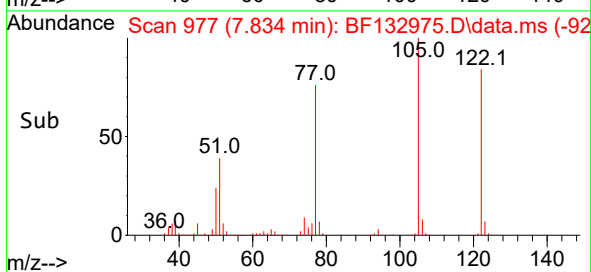
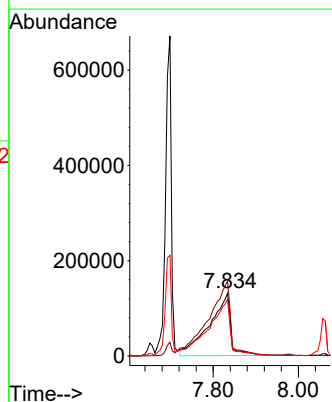
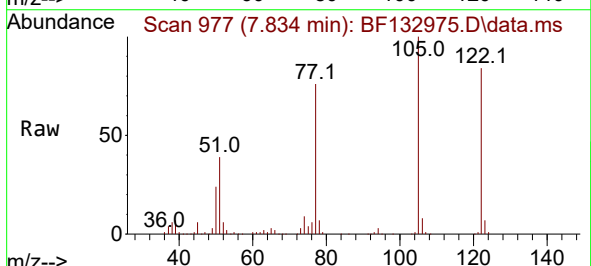
Manual Integrations
APPROVED

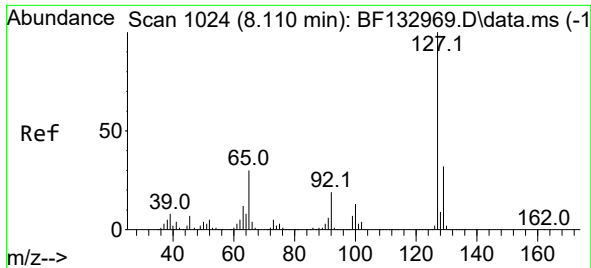
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#32
Benzoic acid
Concen: 54.238 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:122 Resp: 462399
Ion Ratio Lower Upper
122 100
105 119.5 104.2 144.2
77 90.6 69.7 109.7





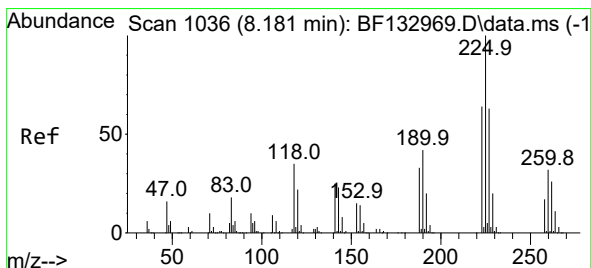
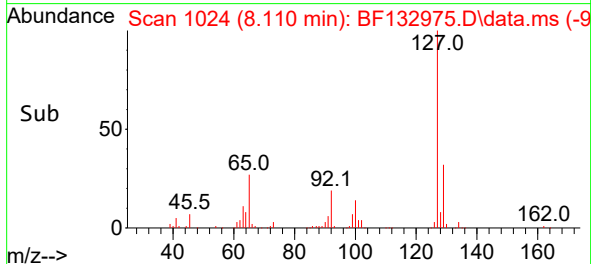
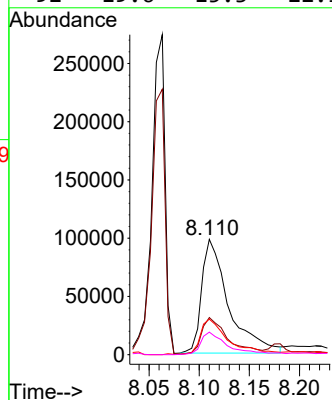
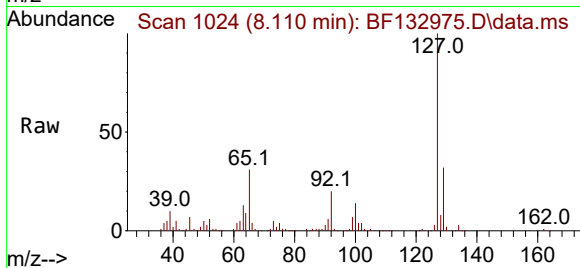
#33
4-Chloroaniline
Concen: 10.286 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB152302BS

Tgt Ion:	127	Resp:	18470
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.8	38.8
65	30.8	23.6	35.4
92	19.6	15.3	22.9

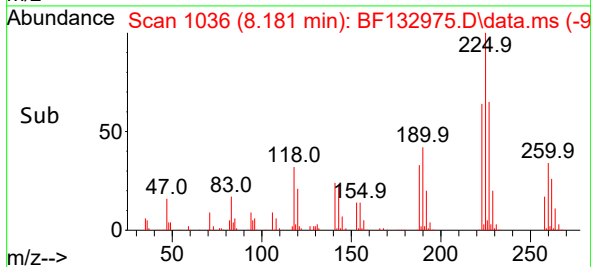
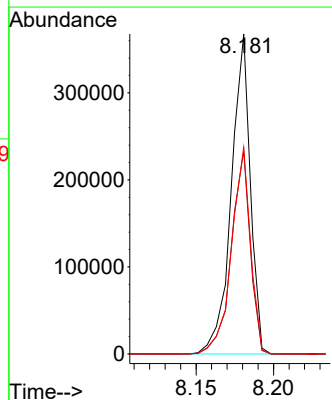
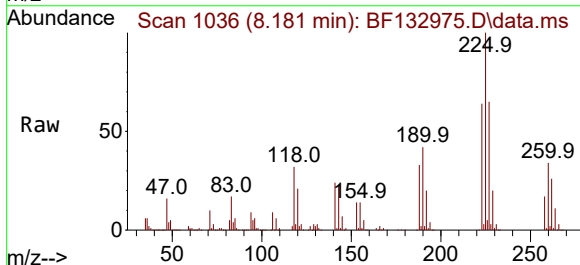
Manual Integrations
APPROVED

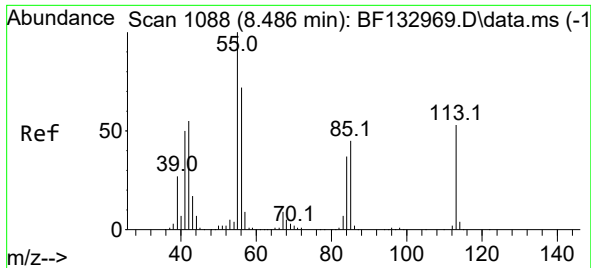
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#34
Hexachlorobutadiene
Concen: 43.376 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

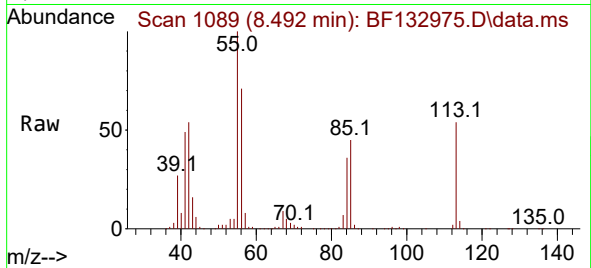
Tgt Ion:	225	Resp:	312932
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.9	76.3
227	64.6	50.3	75.5





#35
 Caprolactam
 Concen: 47.806 ng m
 RT: 8.492 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: BF132975.D
 Acq: 21 Apr 2023 18:27

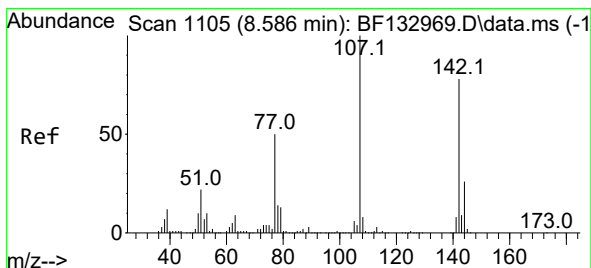
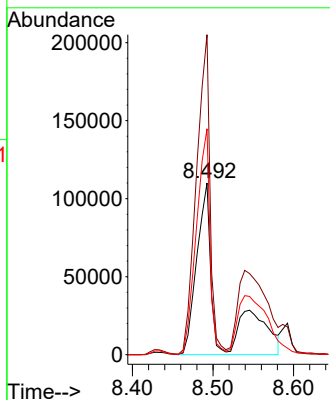
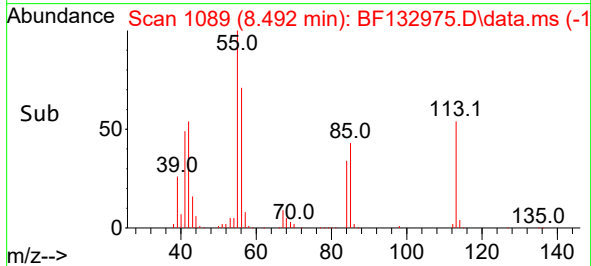
Instrument :
 BNA_F
 ClientSampleId :
 PB152302BS



Tgt Ion:113 Resp: 20178
 Ion Ratio Lower Upper
 113 100
 55 186.4 167.1 207.1
 56 131.6 114.5 154.5

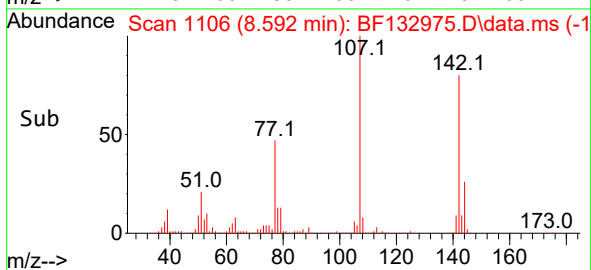
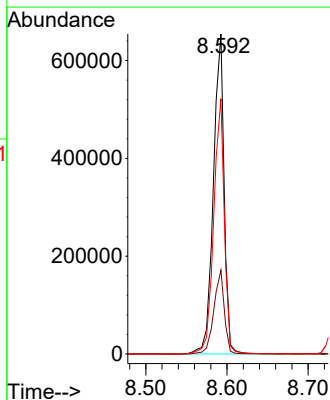
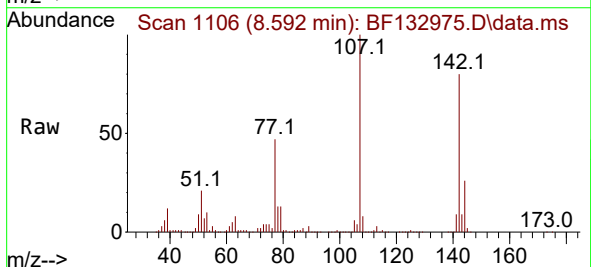
Manual Integrations
 APPROVED

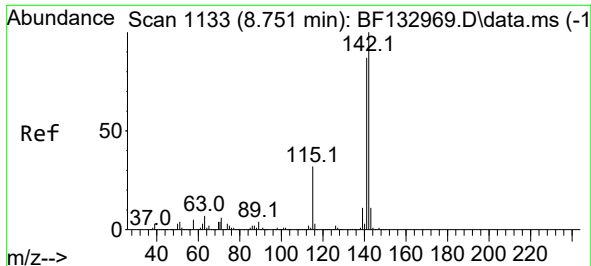
Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023



#36
 4-Chloro-3-methylphenol
 Concen: 44.393 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF132975.D
 Acq: 21 Apr 2023 18:27

Tgt Ion:107 Resp: 601490
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 79.8 62.8 94.2





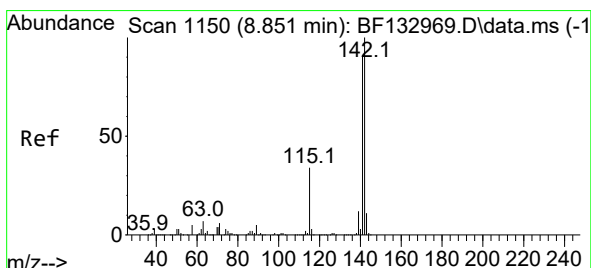
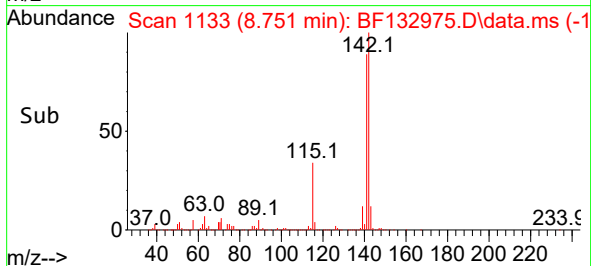
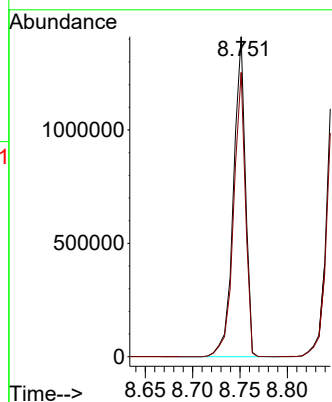
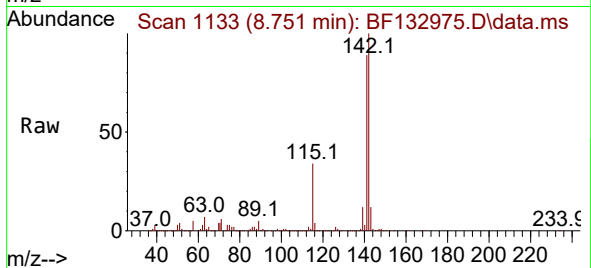
#37
2-Methylnaphthalene
Concen: 40.962 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB152302BS

Tgt Ion:142 Resp: 1244630
Ion Ratio Lower Upper
142 100
141 88.8 69.4 104.0

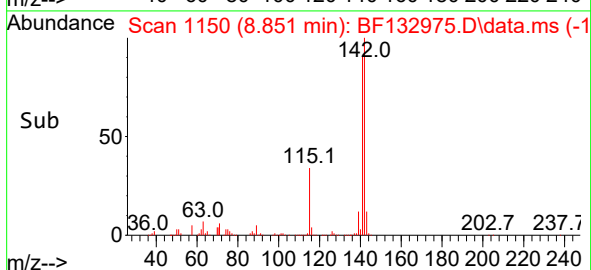
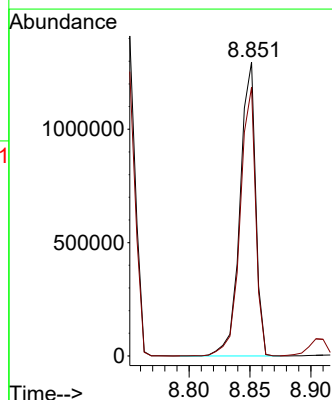
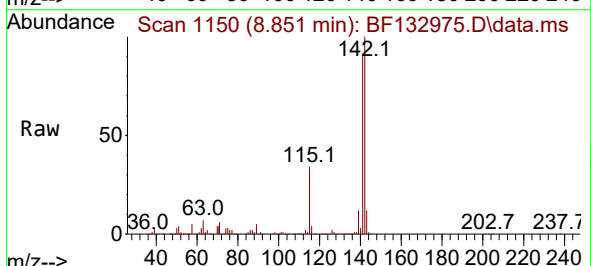
Manual Integrations
APPROVED

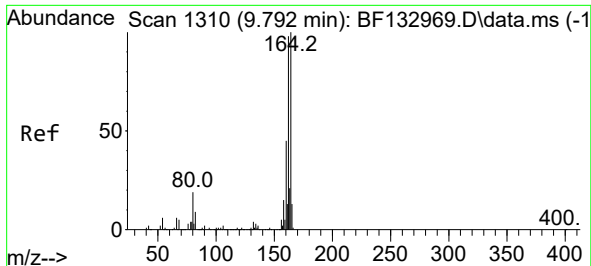
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#38
1-Methylnaphthalene
Concen: 40.761 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

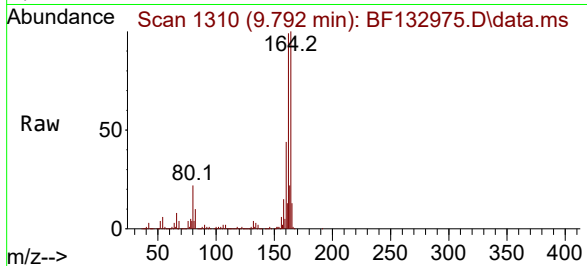
Tgt Ion:142 Resp: 1158607
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

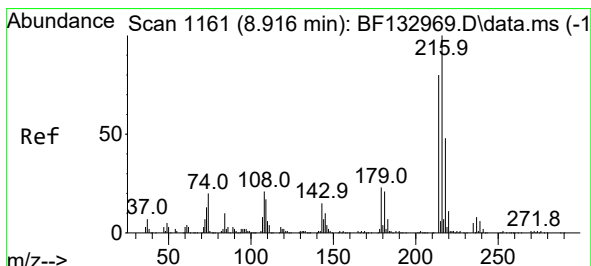
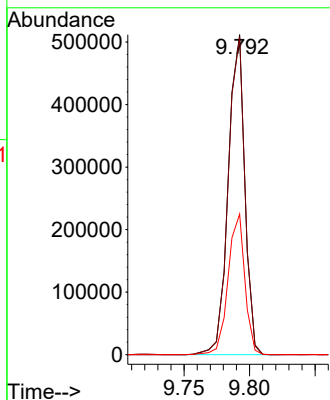
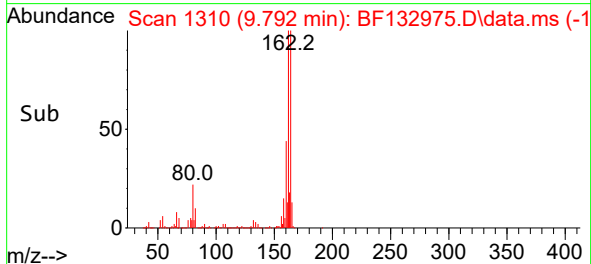
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:164 Resp: 450000
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 43.9 35.8 53.6

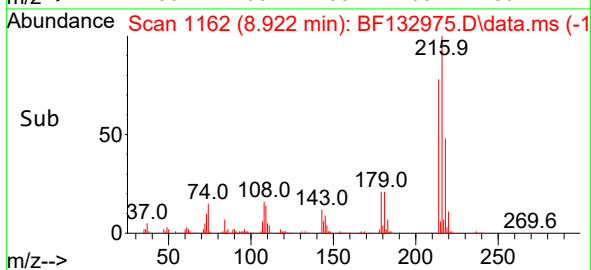
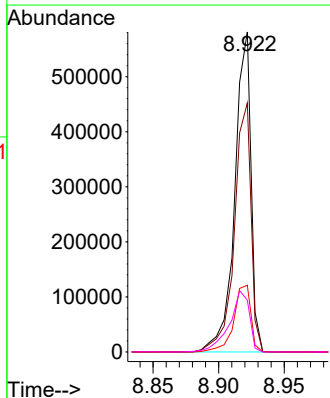
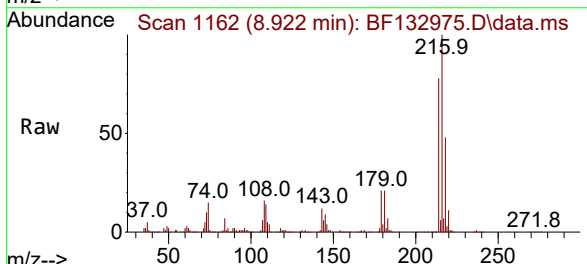
Manual Integrations
APPROVED

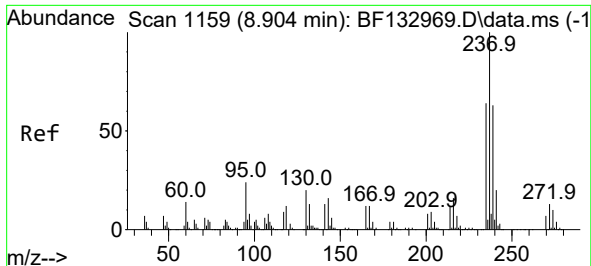
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.484 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

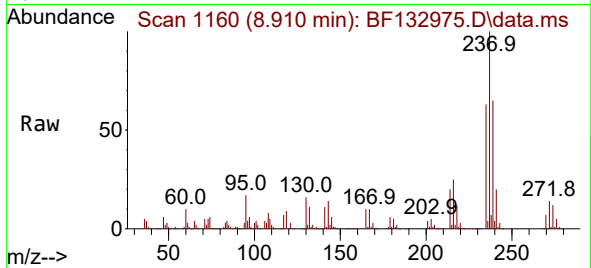
Tgt Ion:216 Resp: 501931
Ion Ratio Lower Upper
216 100
214 79.9 63.5 95.3
179 22.0 17.4 26.2
108 23.5 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 92.460 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

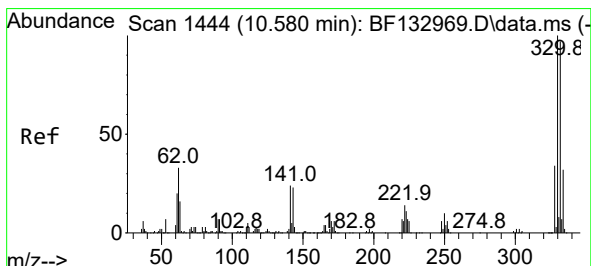
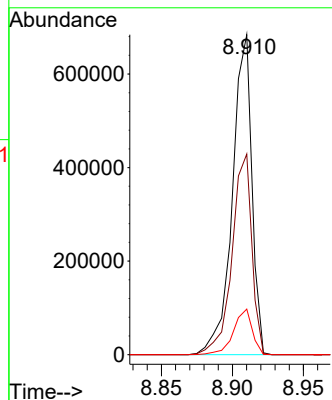
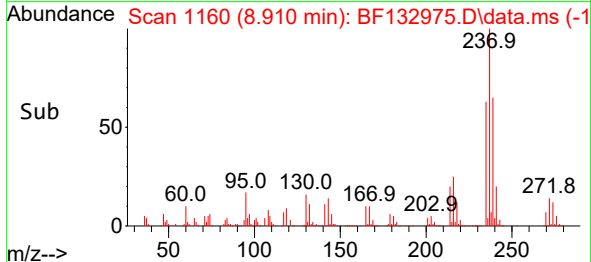
Instrument :
BNA_F
ClientSampleId :
PB152302BS



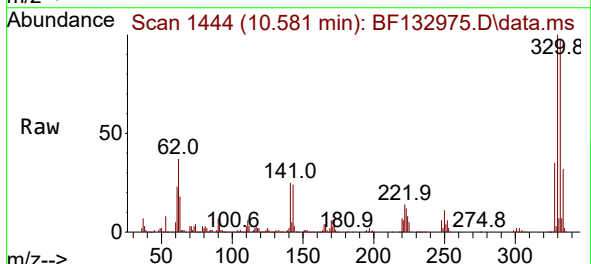
Tgt Ion: 237 Resp: 65243
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 14.3 0.0 32.7

Manual Integrations
APPROVED

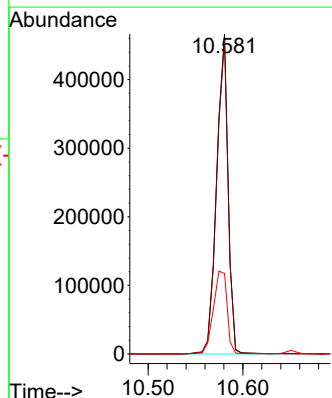
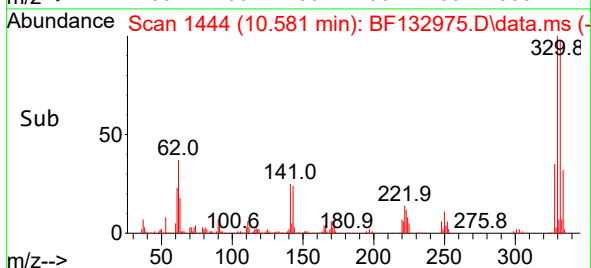
Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023

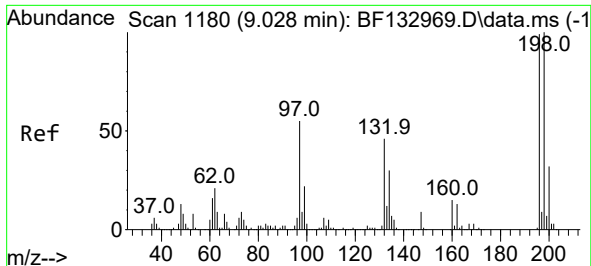


#42
2,4,6-Tribromophenol
Concen: 86.716 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



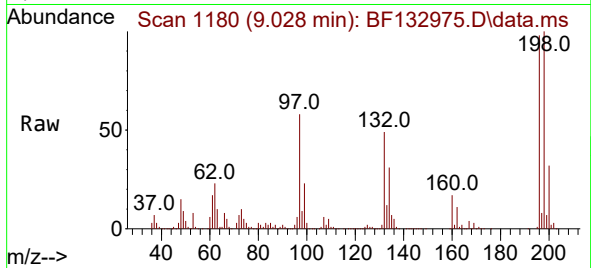
Tgt Ion: 330 Resp: 392443
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 30.9 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 44.456 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

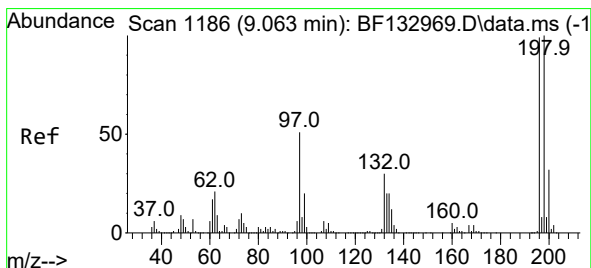
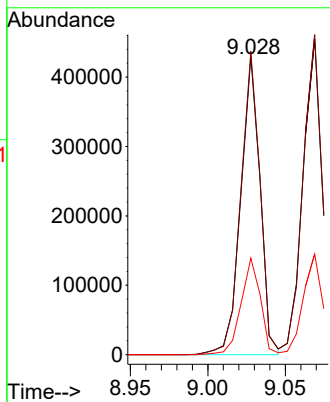
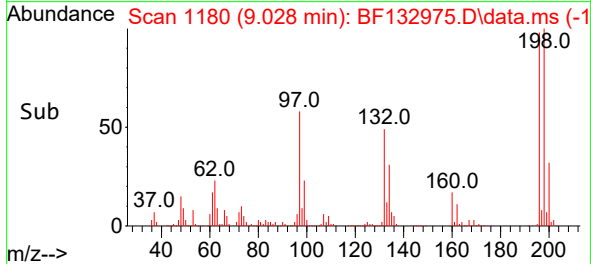
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:196 Resp: 37198
Ion Ratio Lower Upper
196 100
198 101.8 81.0 121.6
200 32.4 26.1 39.1

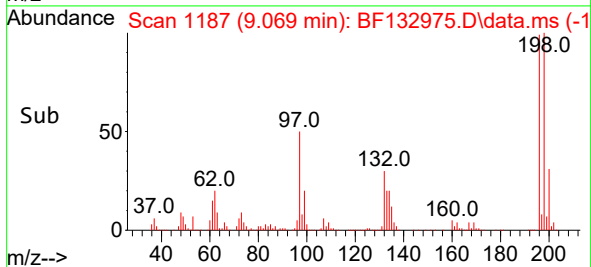
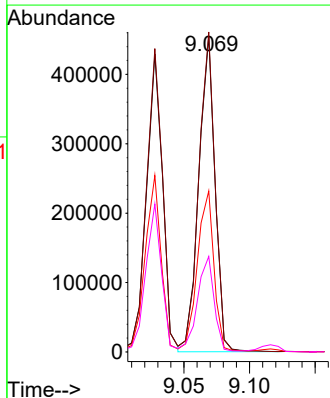
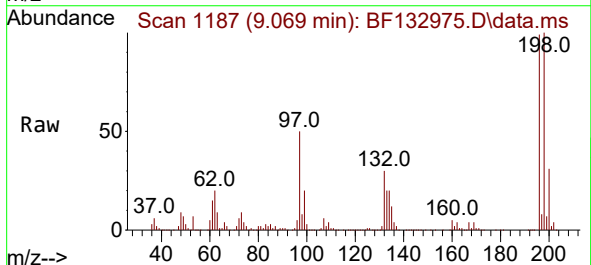
Manual Integrations
APPROVED

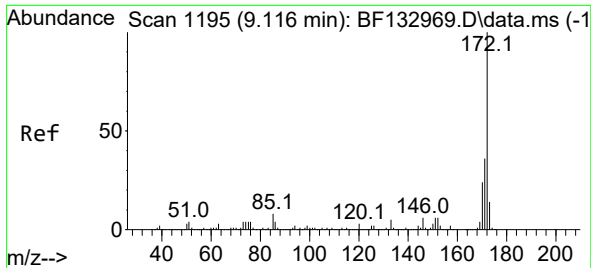
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#44
2,4,5-Trichlorophenol
Concen: 40.690 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:196 Resp: 393763
Ion Ratio Lower Upper
196 100
198 101.4 80.9 121.3
97 51.0 41.3 61.9
132 30.2 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 84.726 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

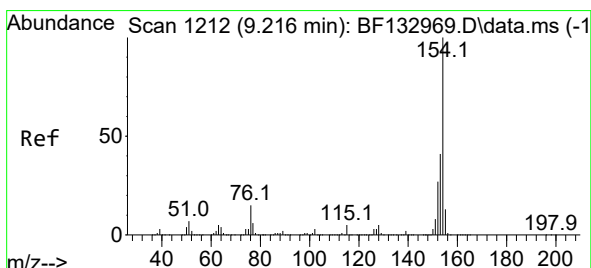
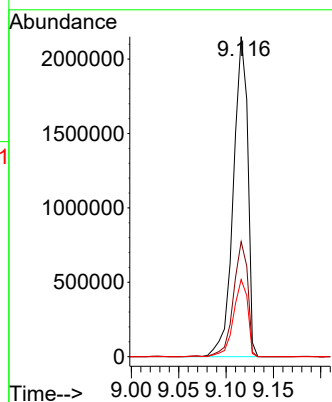
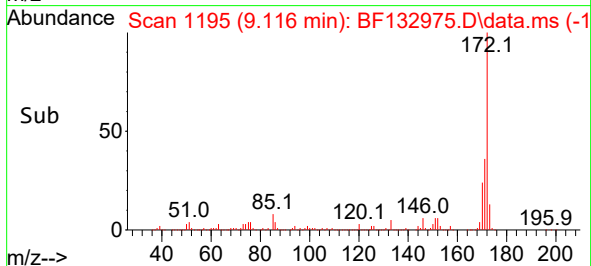
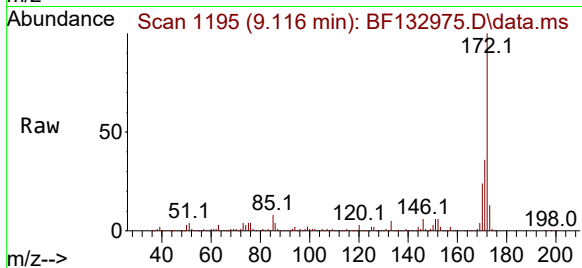
PB152302BS

Tgt Ion:172 Resp: 227894
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.1 19.4 29.2

Manual Integrations

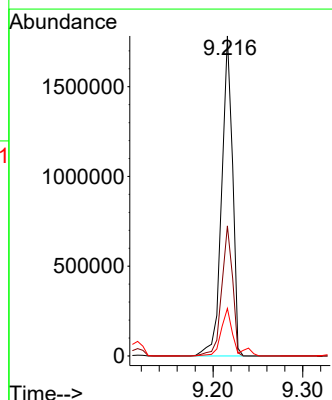
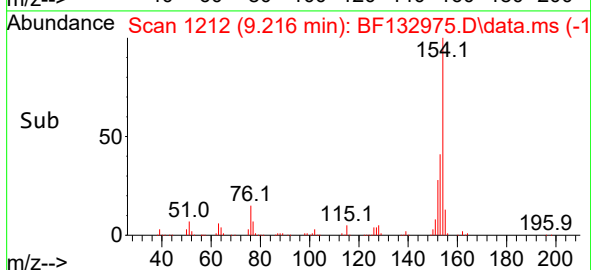
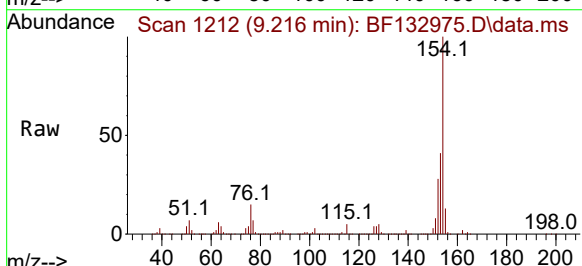
APPROVED

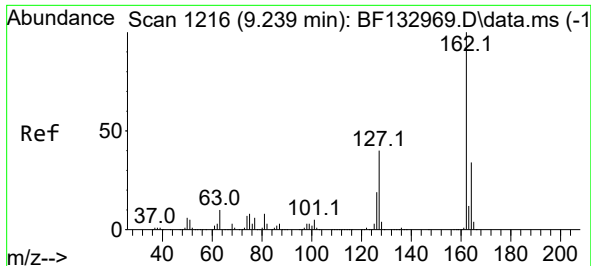
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#46
1,1'-Biphenyl
Concen: 41.990 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:154 Resp: 1498322
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 14.8 0.0 34.5





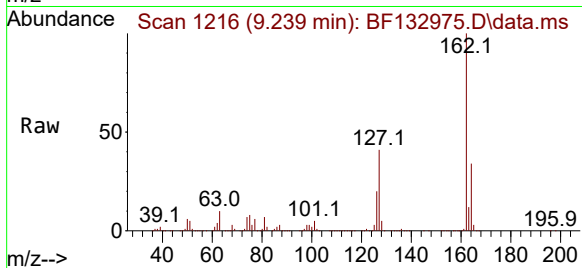
#47
2-Chloronaphthalene
Concen: 43.014 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

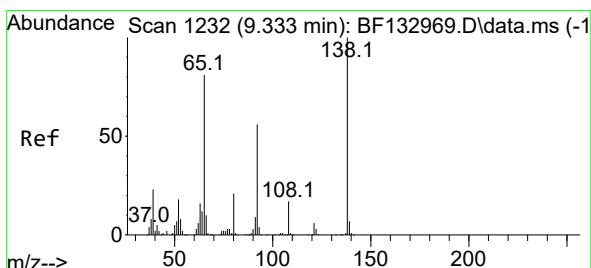
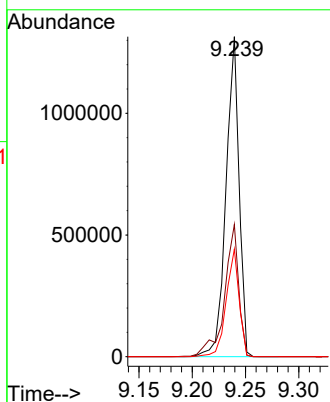
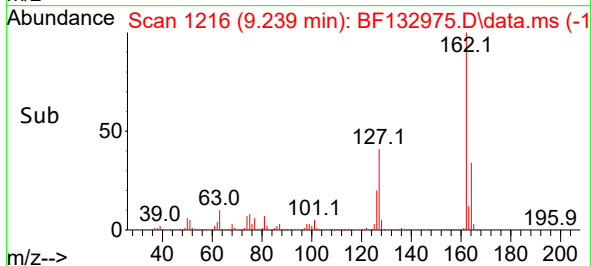


Tgt Ion:162 Resp: 112343
Ion Ratio Lower Upper
162 100
127 41.3 32.3 48.5
164 33.6 26.8 40.2

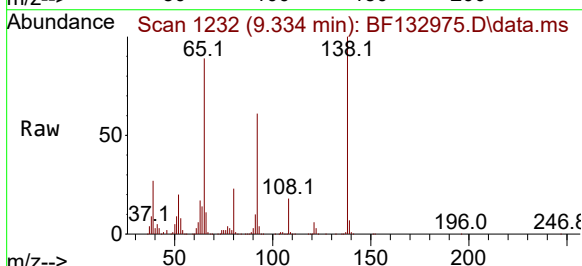
Manual Integrations

APPROVED

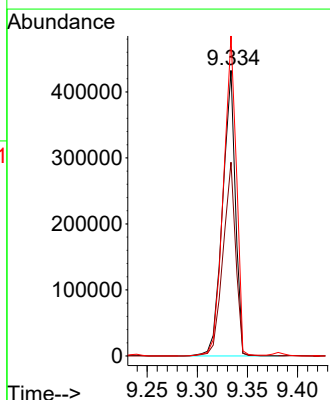
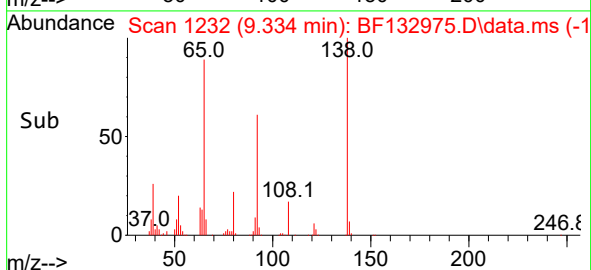
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

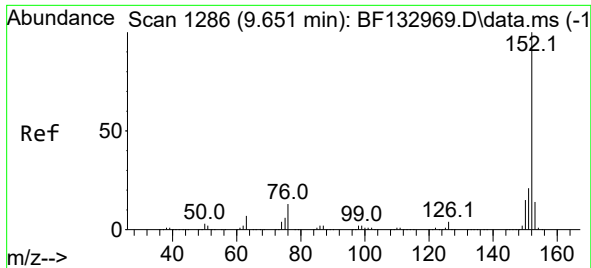


#48
2-Nitroaniline
Concen: 44.475 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



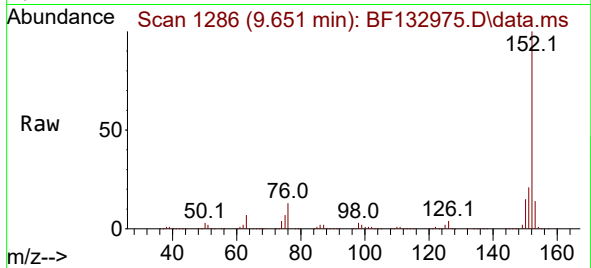
Tgt Ion: 65 Resp: 383901
Ion Ratio Lower Upper
65 100
92 67.8 55.4 83.0
138 112.0 98.2 147.2





#49
Acenaphthylene
Concen: 42.338 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

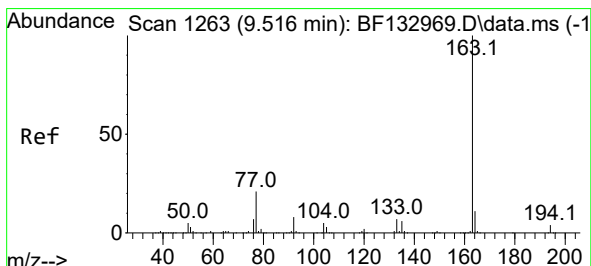
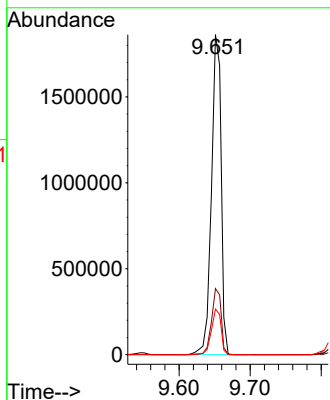
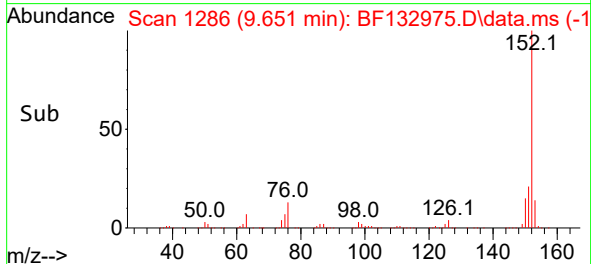
Instrument :
BNA_F
ClientSampleId :
PB152302BS



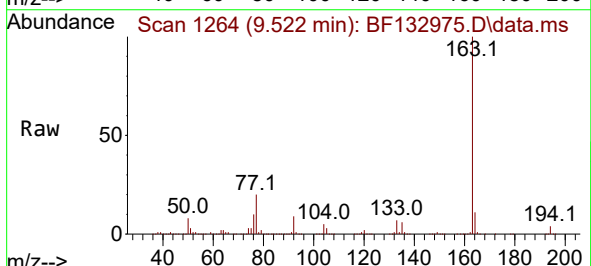
Tgt Ion:152 Resp: 1766854
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.3 11.5 17.3

Manual Integrations
APPROVED

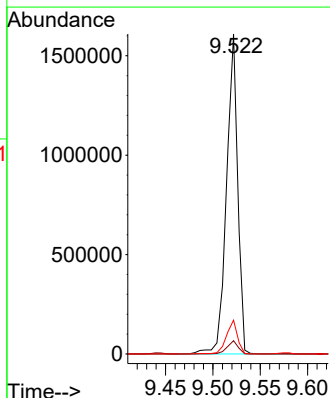
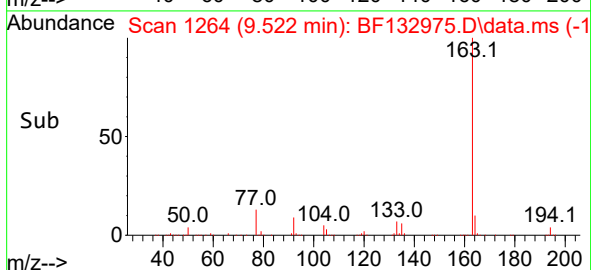
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

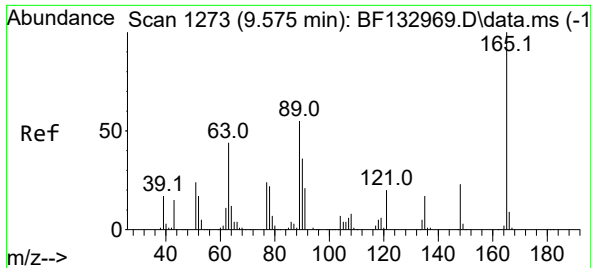


#50
Dimethylphthalate
Concen: 42.420 ng
RT: 9.522 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



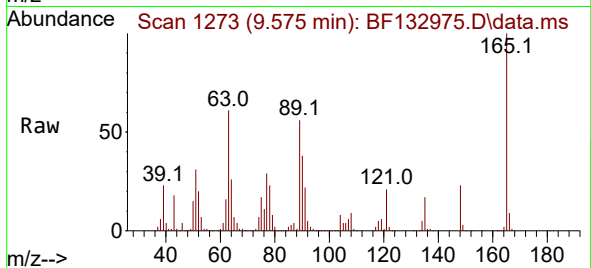
Tgt Ion:163 Resp: 1331055
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.5 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.098 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

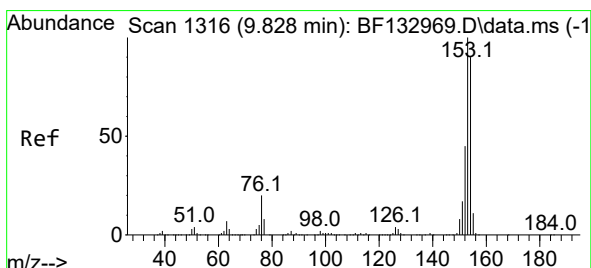
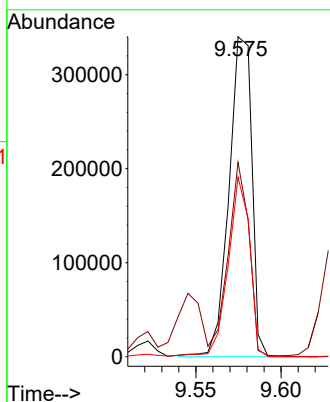
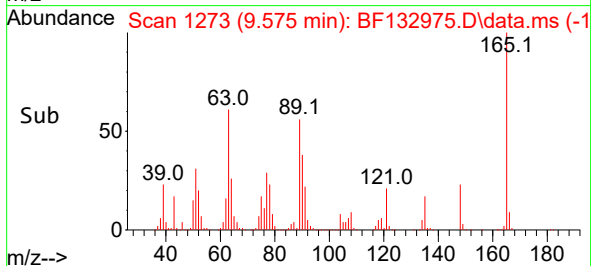
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:165 Resp: 318498
Ion Ratio Lower Upper
165 100
63 60.8 45.9 68.9
89 56.1 44.0 66.0

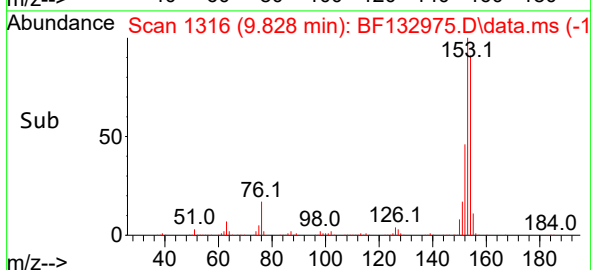
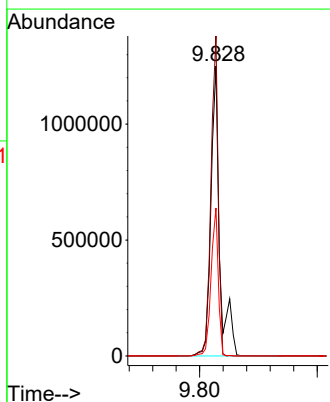
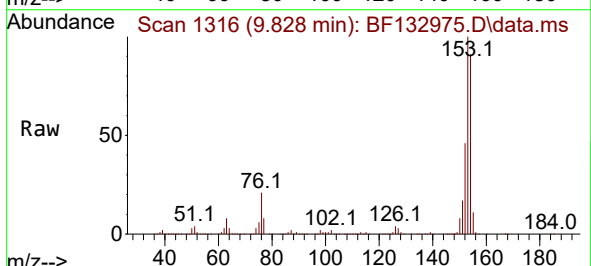
Manual Integrations
APPROVED

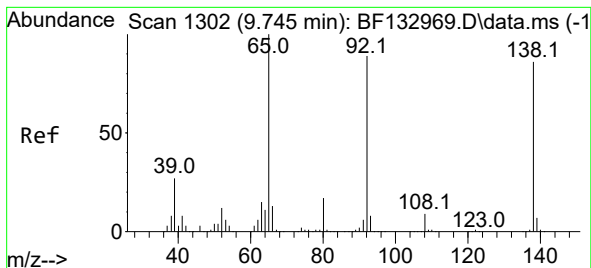
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#52
Acenaphthene
Concen: 46.448 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

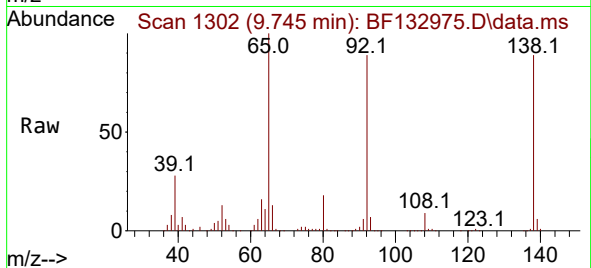
Tgt Ion:154 Resp: 1298225
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.6
152 51.1 40.4 60.6





#53
3-Nitroaniline
Concen: 29.616 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

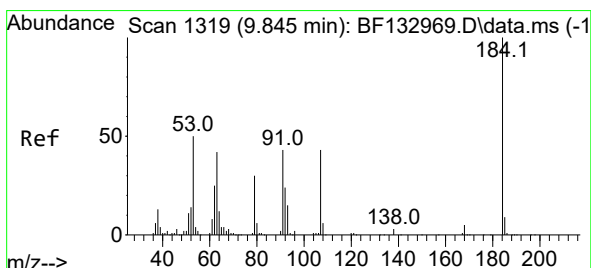
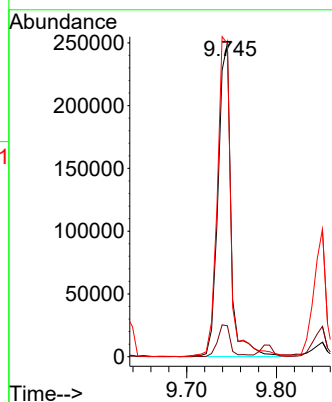
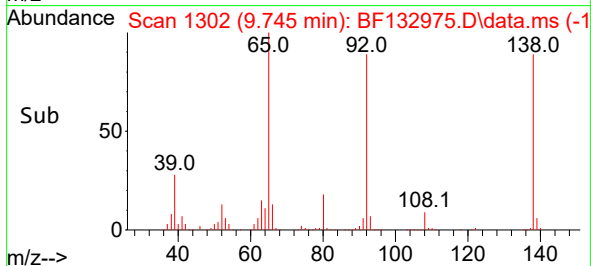
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:138 Resp: 24869
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 99.8 83.6 125.4

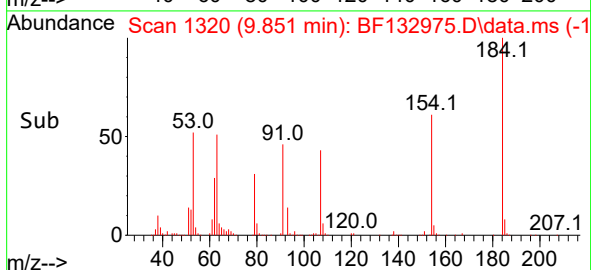
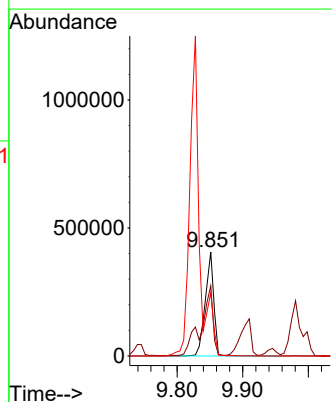
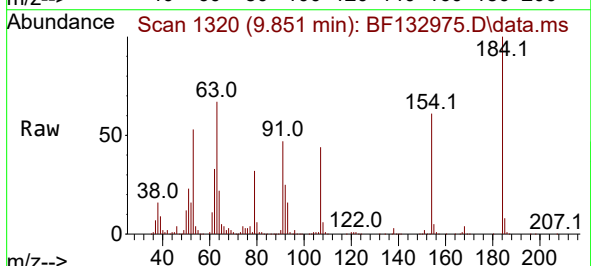
Manual Integrations
APPROVED

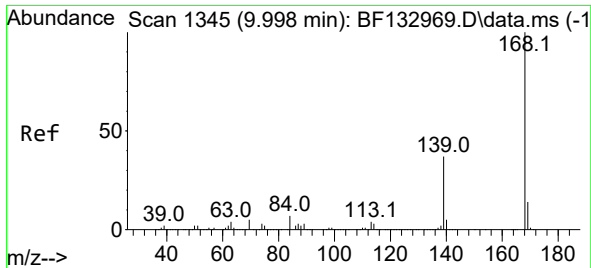
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#54
2,4-Dinitrophenol
Concen: 104.406 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:184 Resp: 370626
Ion Ratio Lower Upper
184 100
63 67.4 49.8 74.8
154 60.6 49.5 74.3





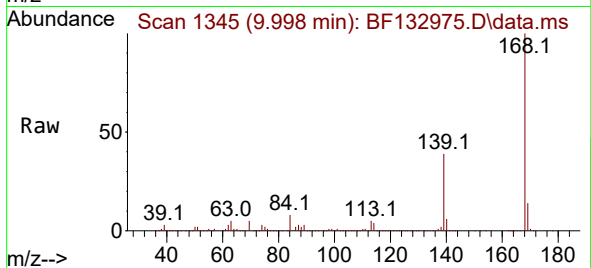
#55
Dibenzofuran
Concen: 41.043 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

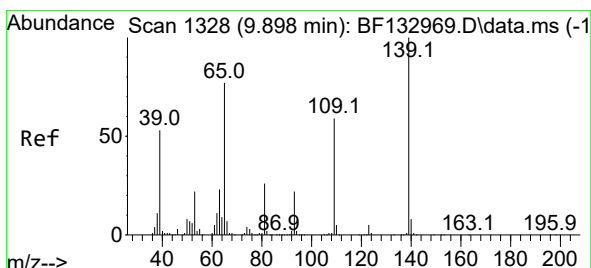
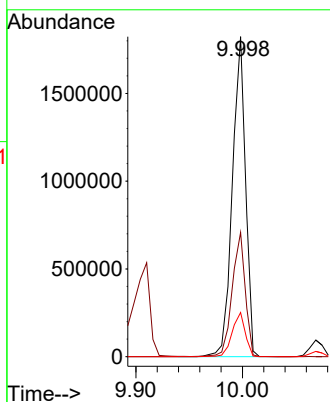
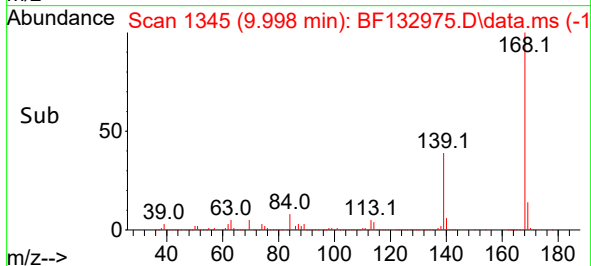


Tgt Ion:168 Resp: 156482
Ion Ratio Lower Upper
168 100
139 38.9 29.8 44.8
169 13.8 10.8 16.2

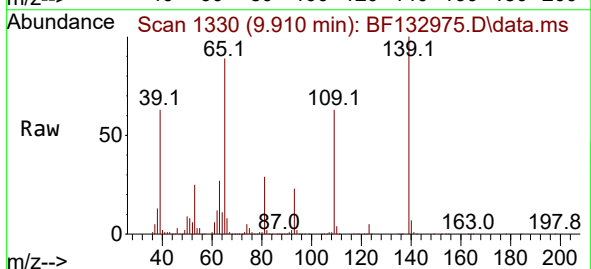
Manual Integrations

APPROVED

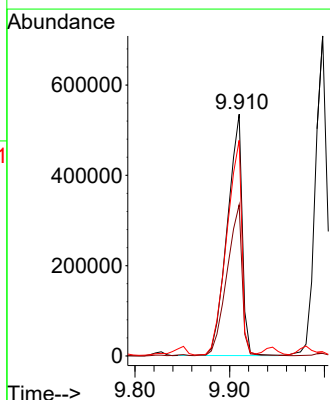
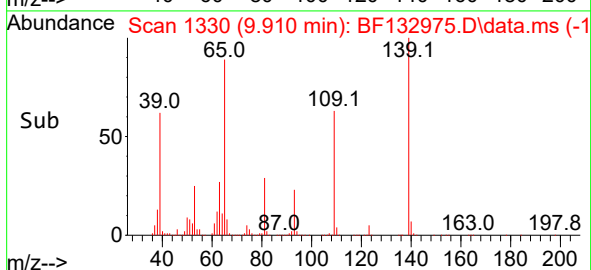
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

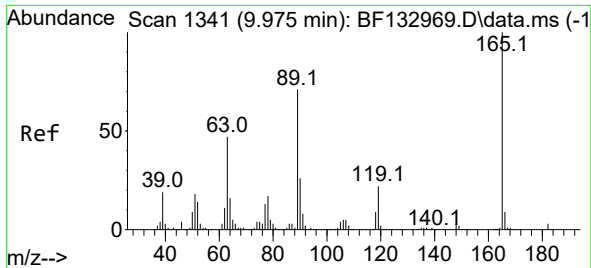


#56
4-Nitrophenol
Concen: 90.032 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion:139 Resp: 585553
Ion Ratio Lower Upper
139 100
109 62.6 39.4 79.4
65 89.2 57.5 97.5





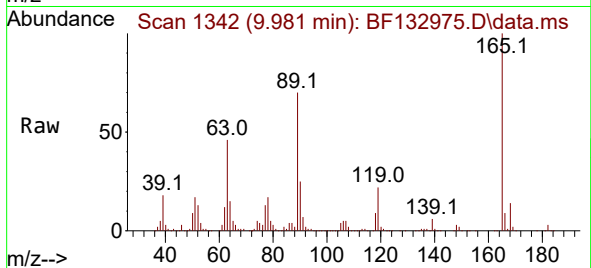
#57
2,4-Dinitrotoluene
Concen: 46.270 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

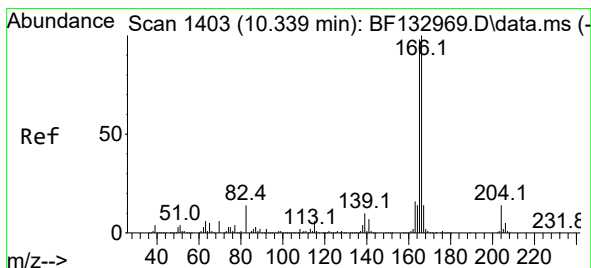
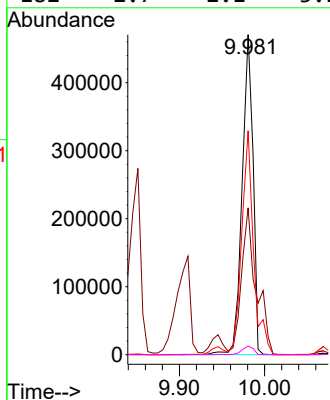
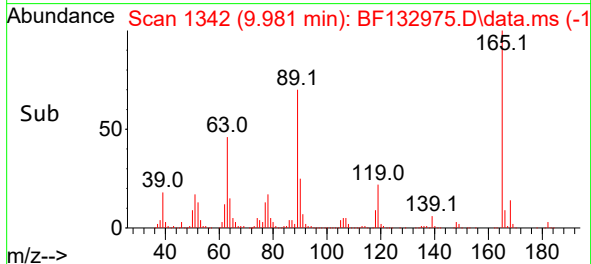


Tgt Ion:165 Resp: 416732
Ion Ratio Lower Upper
165 100
63 45.9 37.7 56.5
89 70.0 57.0 85.4
182 2.7 2.1 3.1

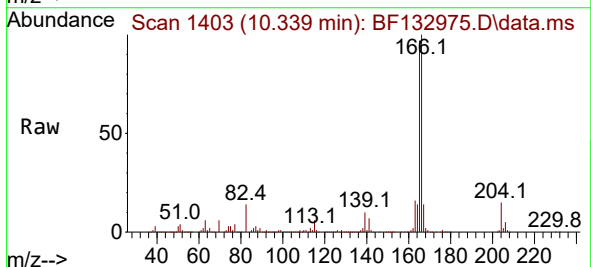
Manual Integrations

APPROVED

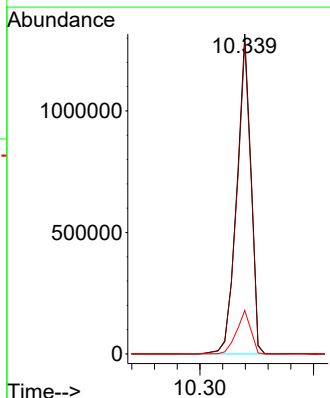
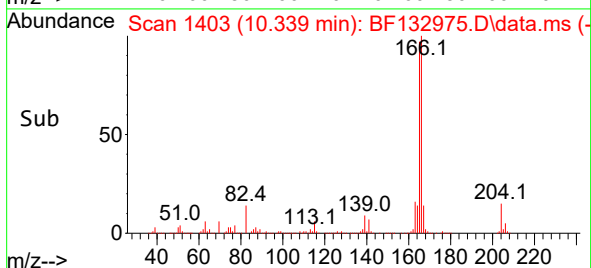
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

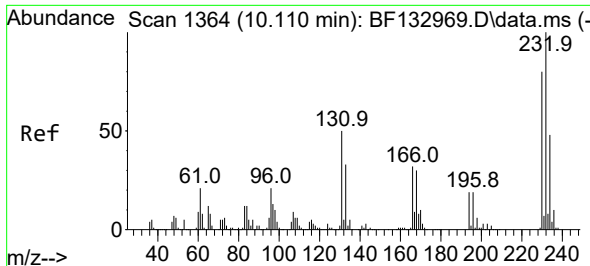


#58
Fluorene
Concen: 40.334 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



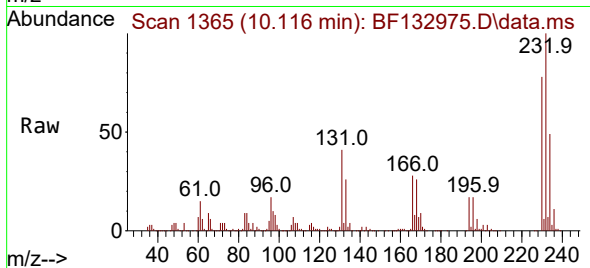
Tgt Ion:166 Resp: 1126644
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.806 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

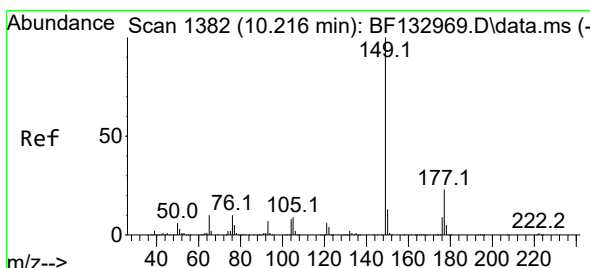
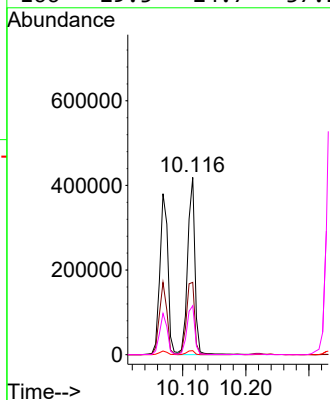
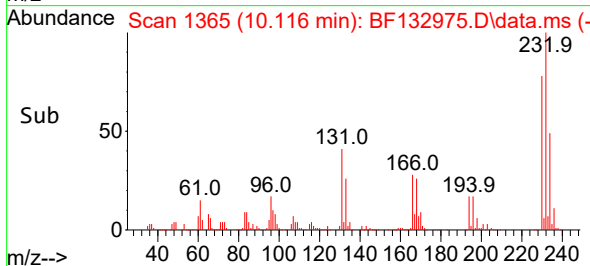
Instrument :
BNA_F
ClientSampleId :
PB152302BS



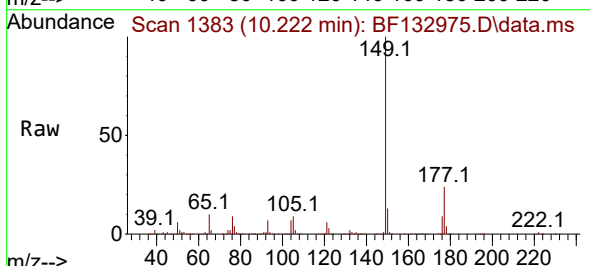
Tgt Ion:232 Resp: 336149
Ion Ratio Lower Upper
232 100
131 45.7 38.0 57.0
130 2.4 1.8 2.8
166 29.5 24.7 37.1

Manual Integrations
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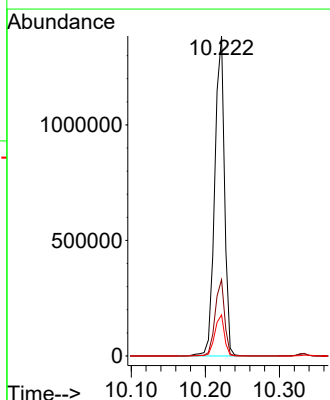
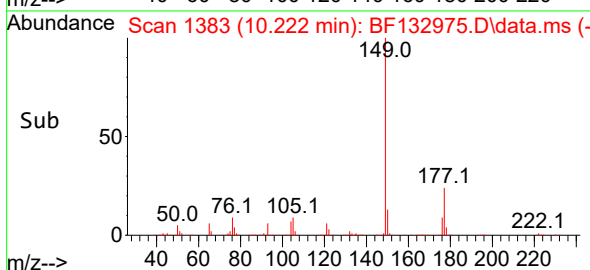
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

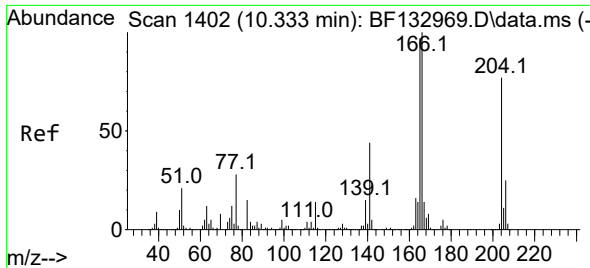


#60
Diethylphthalate
Concen: 42.550 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



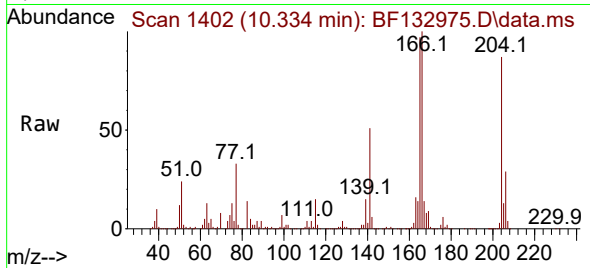
Tgt Ion:149 Resp: 1261098
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.062 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

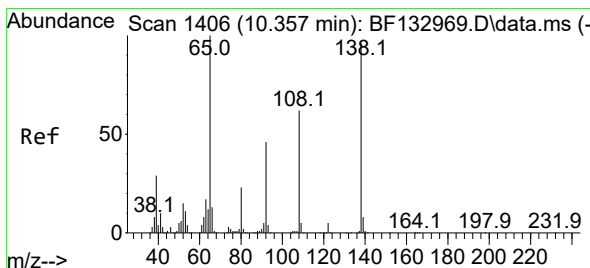
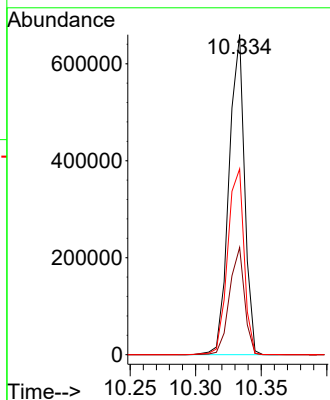
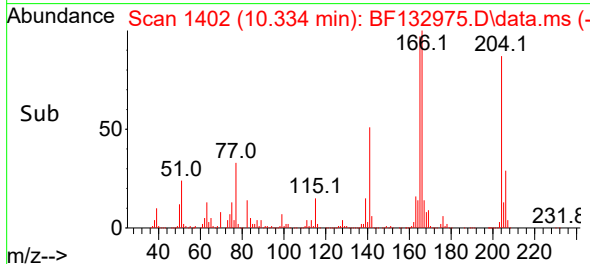
Instrument :
BNA_F
ClientSampleId :
PB152302BS



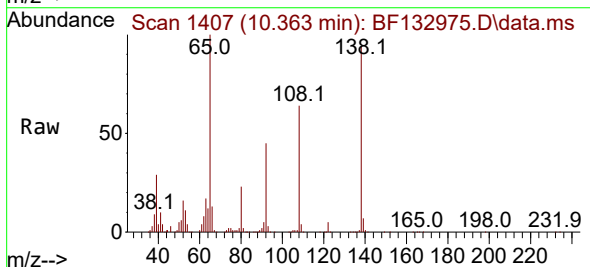
Tgt Ion:204 Resp: 545335
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 58.1 46.1 69.1

Manual Integrations
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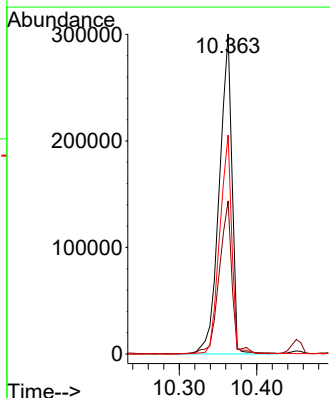
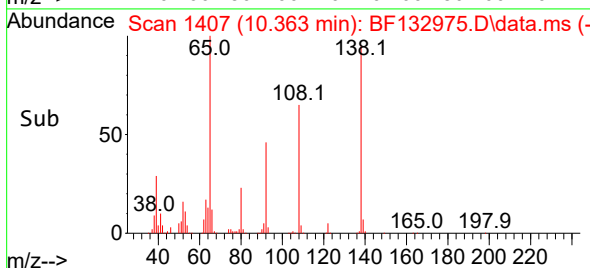
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

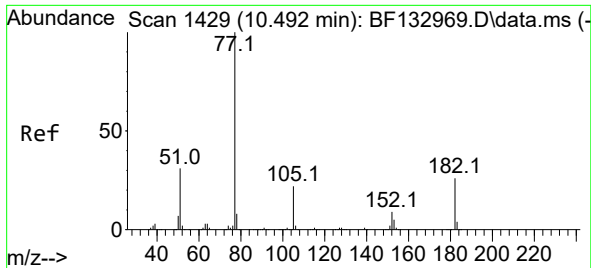


#62
4-Nitroaniline
Concen: 44.442 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion:138 Resp: 342995
Ion Ratio Lower Upper
138 100
92 47.8 27.7 67.7
108 68.5 45.2 85.2





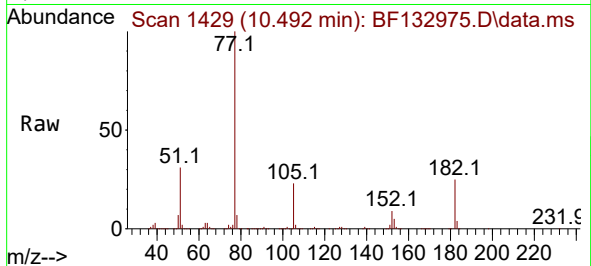
#63
Azobenzene
Concen: 41.770 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

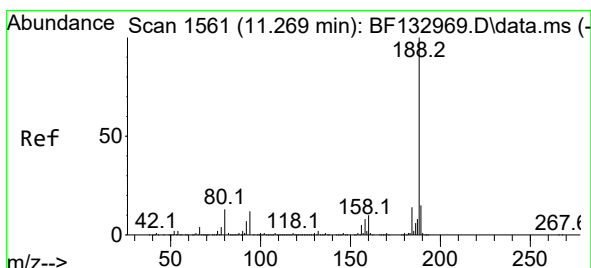
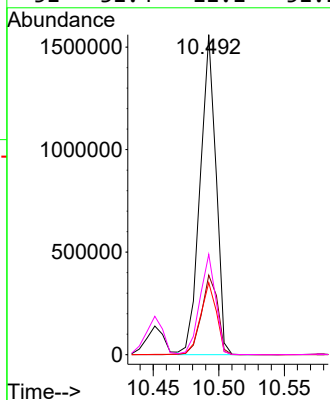
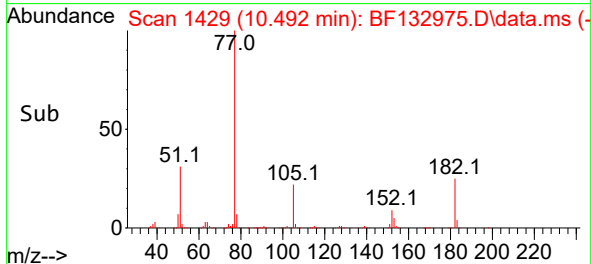


Tgt Ion: 77 Resp: 1311438
Ion Ratio Lower Upper
77 100
182 24.9 5.9 45.9
105 22.5 2.3 42.3
51 31.4 11.1 51.1

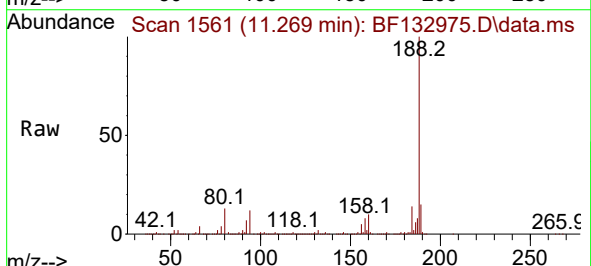
Manual Integrations

APPROVED

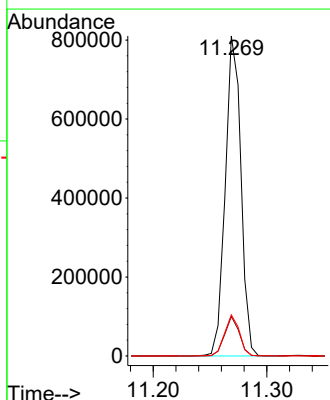
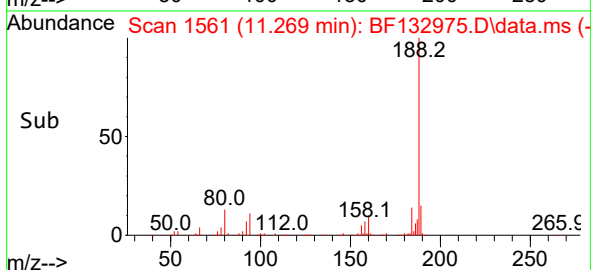
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

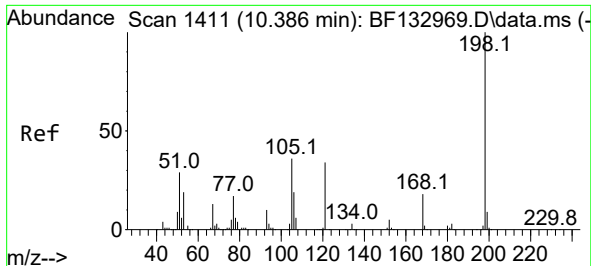


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion:188 Resp: 776589
Ion Ratio Lower Upper
188 100
94 12.3 9.7 14.5
80 12.9 10.4 15.6





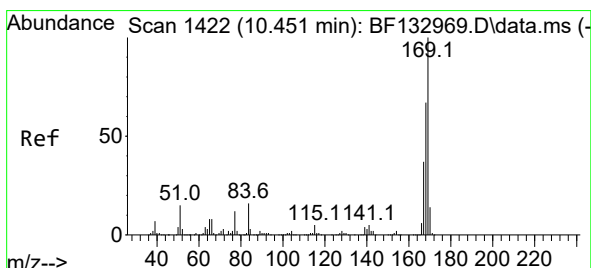
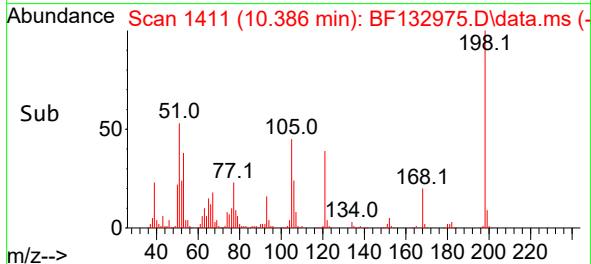
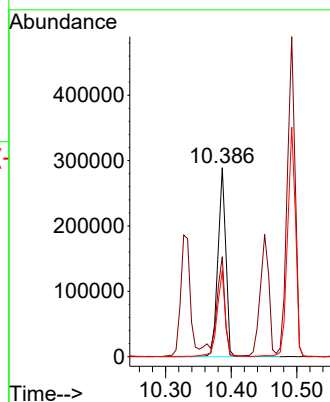
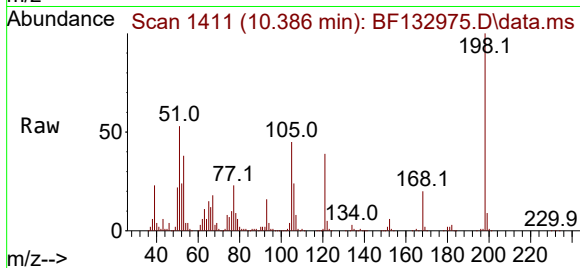
#65
4,6-Dinitro-2-methylphenol
Concen: 51.480 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB152302BS

Tgt Ion:198 Resp: 242321
Ion Ratio Lower Upper
198 100
51 52.9 15.5 55.5
105 45.3 16.7 56.7

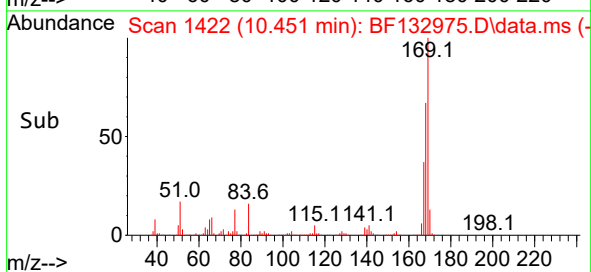
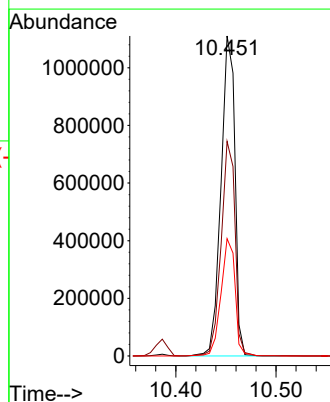
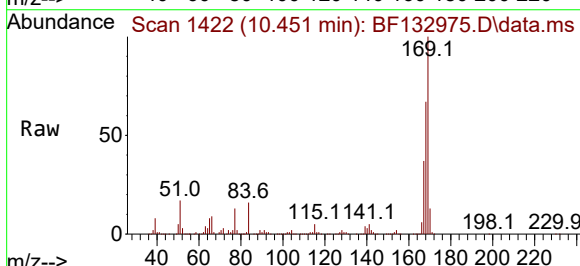
Manual Integrations
APPROVED

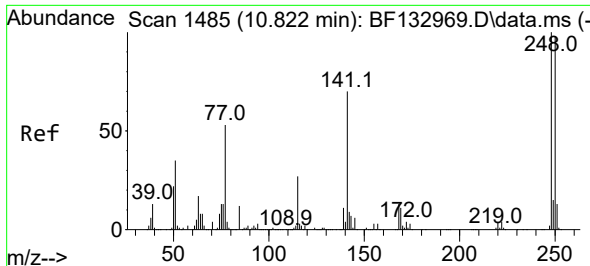
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#66
n-Nitrosodiphenylamine
Concen: 42.394 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

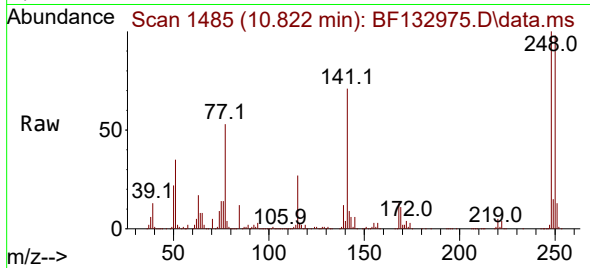
Tgt Ion:169 Resp: 1067936
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.571 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

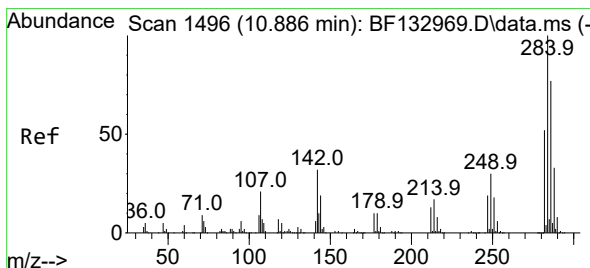
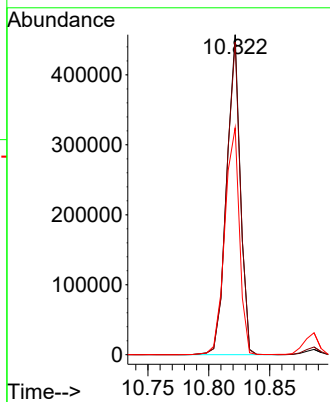
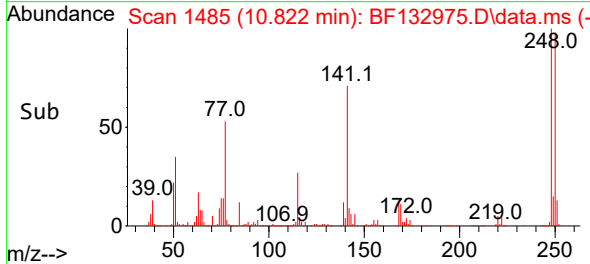
Instrument :
BNA_F
ClientSampleId :
PB152302BS



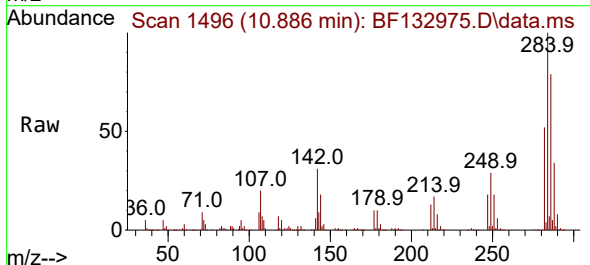
Tgt Ion:248 Resp: 358554
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 70.9 56.3 84.5

Manual Integrations
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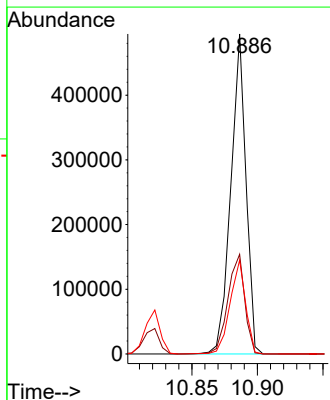
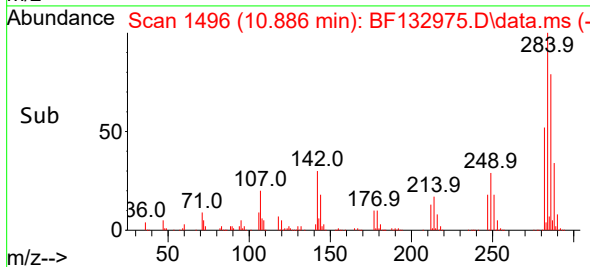
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

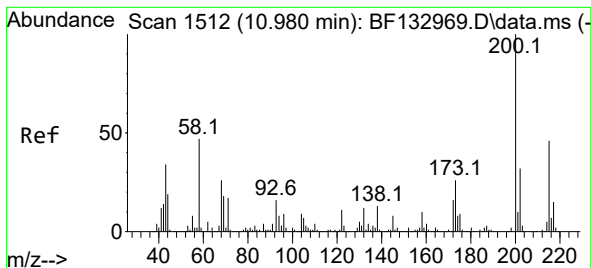


#68
Hexachlorobenzene
Concen: 46.044 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion:284 Resp: 397379
Ion Ratio Lower Upper
284 100
142 31.2 26.0 39.0
249 29.4 23.7 35.5





#69

Atrazine

Concen: 50.864 ng

RT: 10.986 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

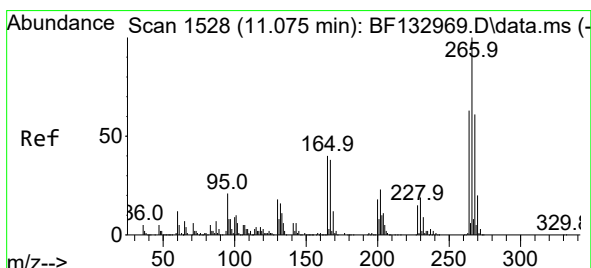
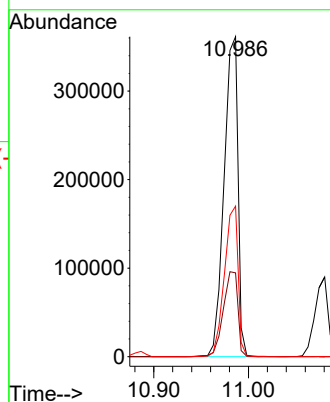
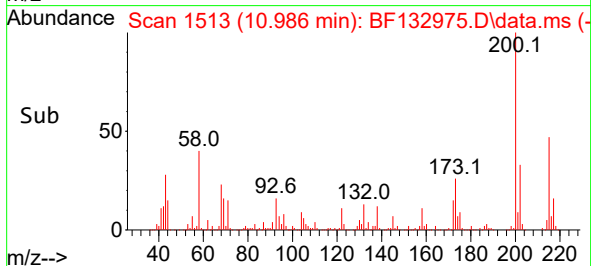
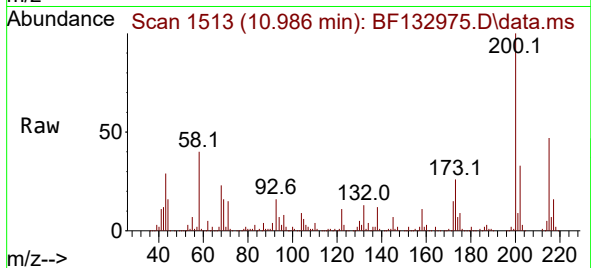
PB152302BS

Tgt Ion:200 Resp: 369197
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.2 46.2
 215 47.0 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023



#70

Pentachlorophenol

Concen: 80.173 ng

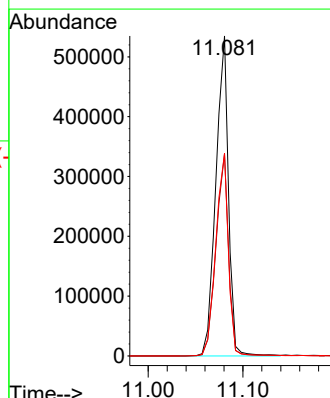
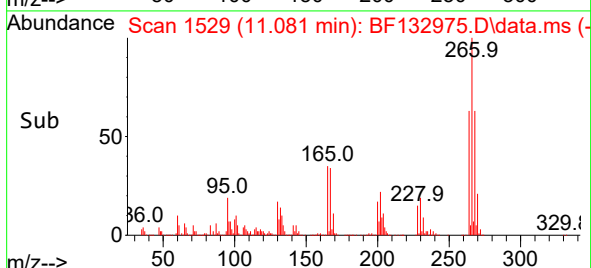
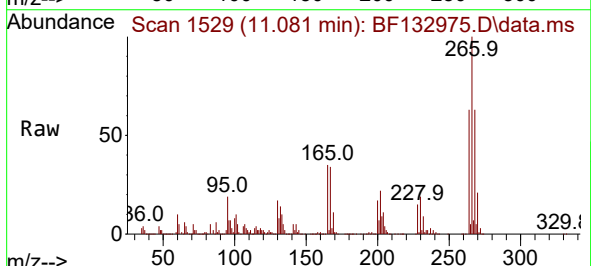
RT: 11.081 min Scan# 1529

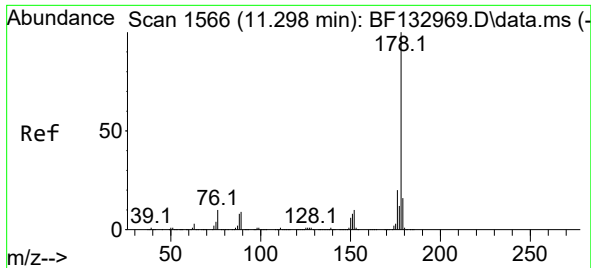
Delta R.T. 0.006 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

Tgt Ion:266 Resp: 492791
 Ion Ratio Lower Upper
 266 100
 268 63.2 48.8 73.2
 264 63.3 50.6 76.0





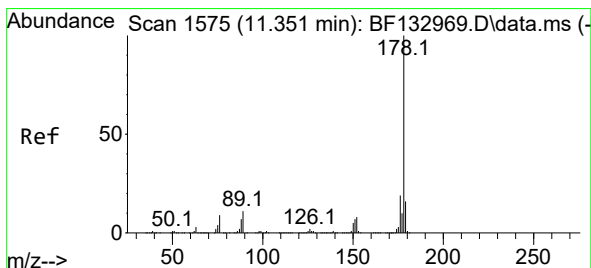
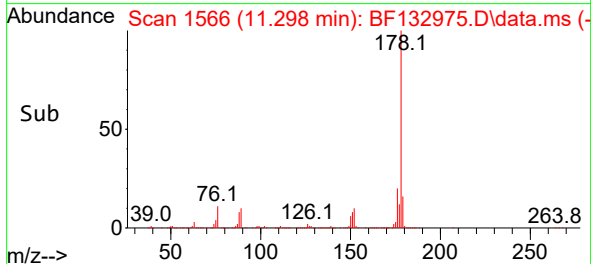
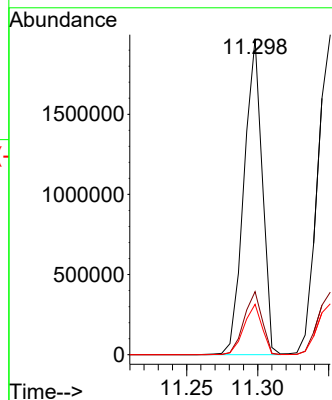
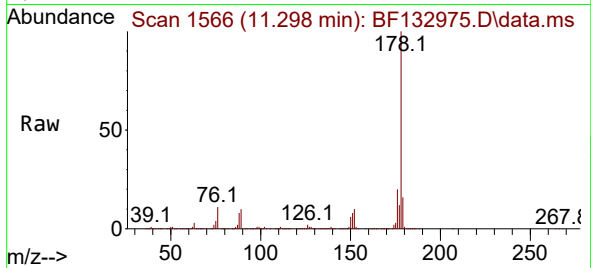
#71
Phenanthrene
Concen: 42.219 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB152302BS

Tgt Ion:178 Resp: 1762178
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.0 12.5 18.7

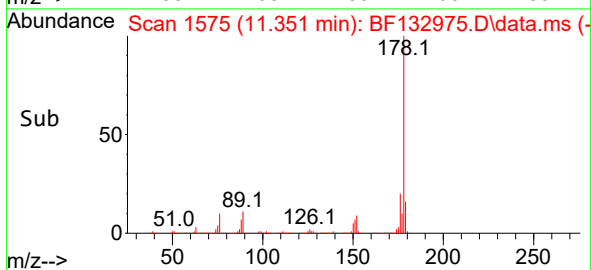
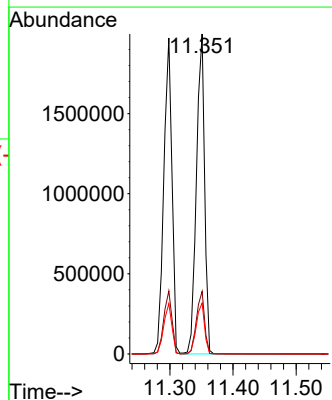
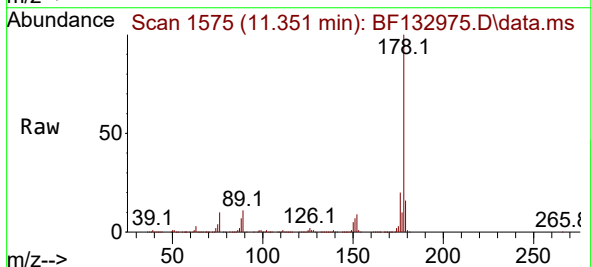
Manual Integrations
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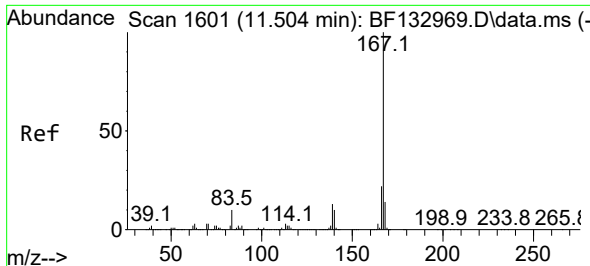
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#72
Anthracene
Concen: 42.030 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:178 Resp: 1795340
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.9 12.4 18.6





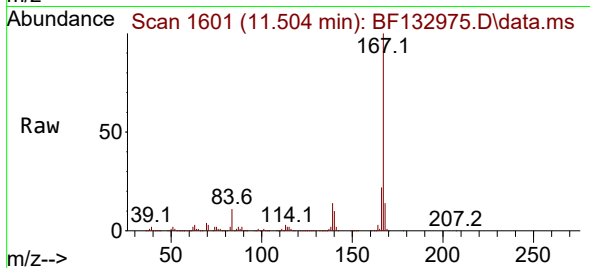
#73
 Carbazole
 Concen: 43.508 ng
 RT: 11.504 min Scan# 1601
 Delta R.T. 0.000 min
 Lab File: BF132975.D
 Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

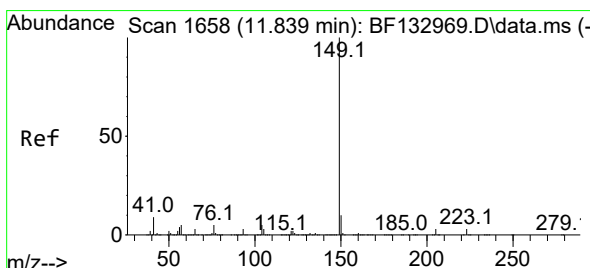
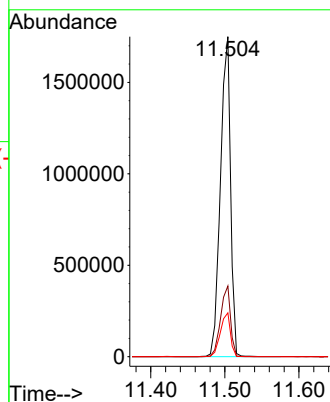
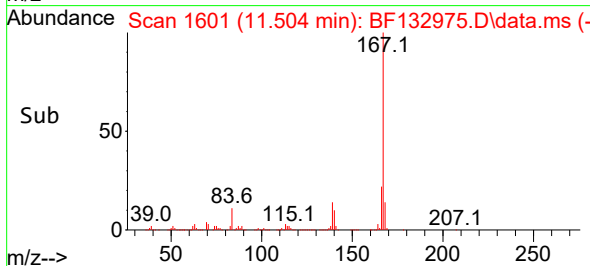


Tgt Ion:167 Resp: 165485
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.7 10.6 16.0

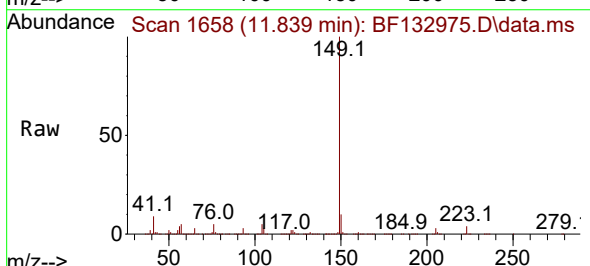
Manual Integrations

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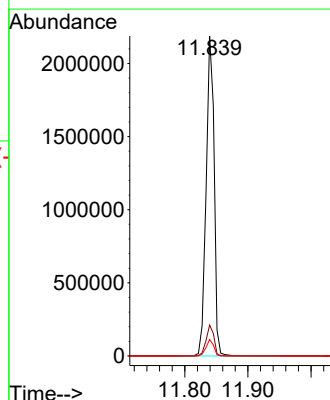
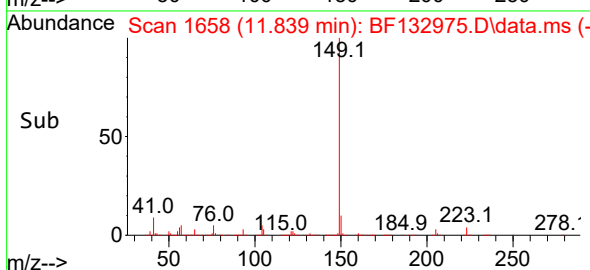
Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023

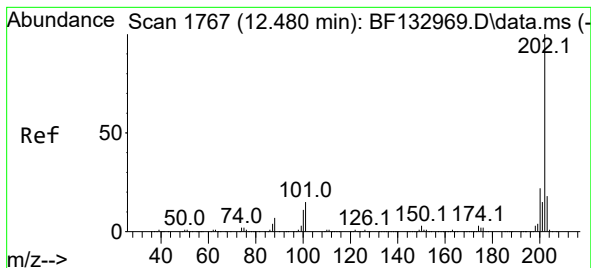


#74
 Di-n-butylphthalate
 Concen: 44.800 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BF132975.D
 Acq: 21 Apr 2023 18:27



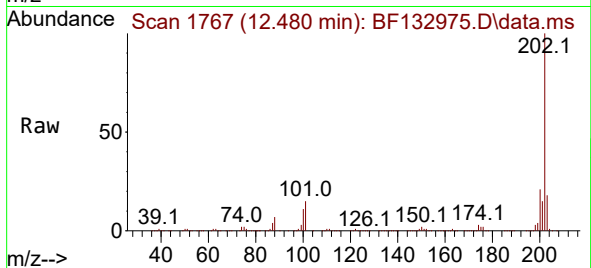
Tgt Ion:149 Resp: 1928324
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 42.934 ng
RT: 12.480 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

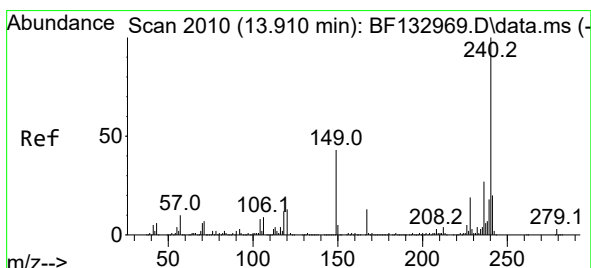
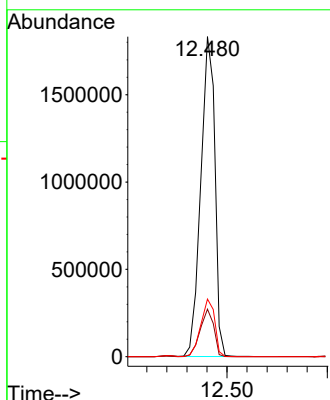
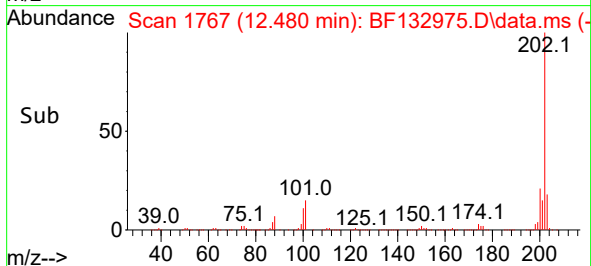
Instrument :
BNA_F
ClientSampleId :
PB152302BS



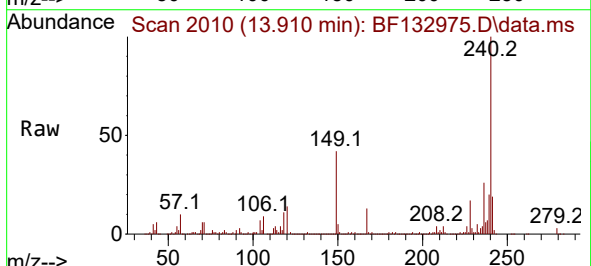
Tgt Ion:202 Resp: 1798499
Ion Ratio Lower Upper
202 100
101 14.9 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations
APPROVED

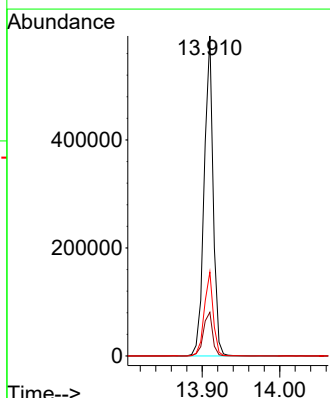
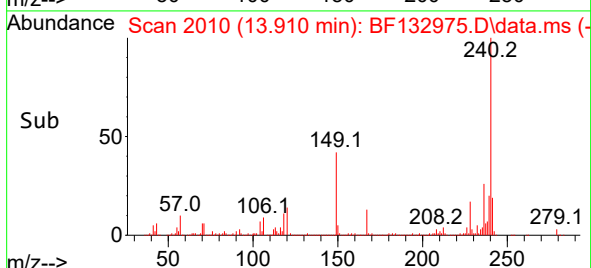
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

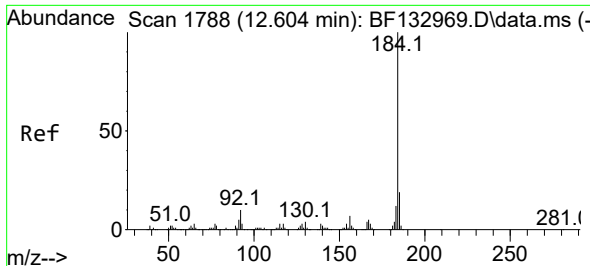


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



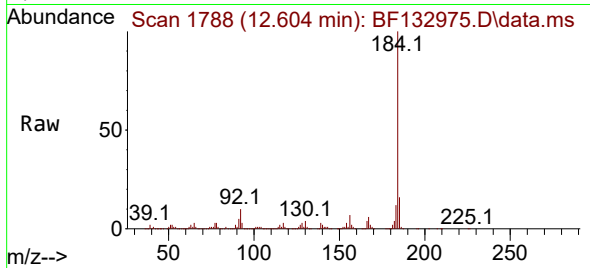
Tgt Ion:240 Resp: 476923
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 26.3 21.5 32.3





#77
Benzidine
Concen: 102.923 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

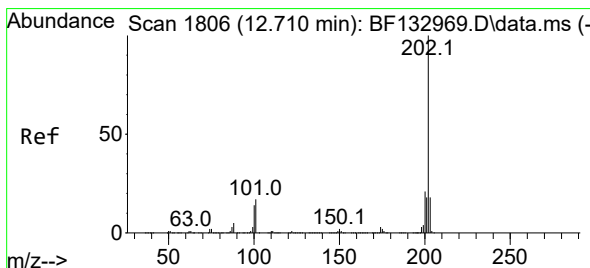
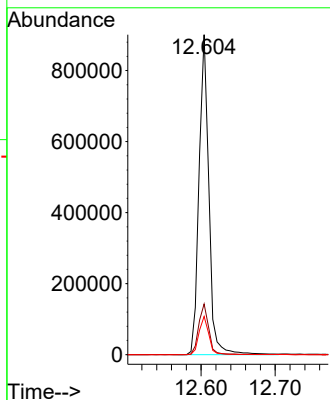
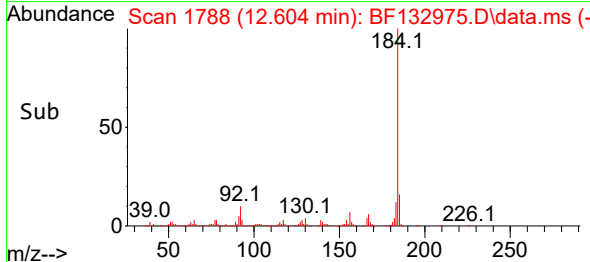
Instrument :
BNA_F
ClientSampleId :
PB152302BS



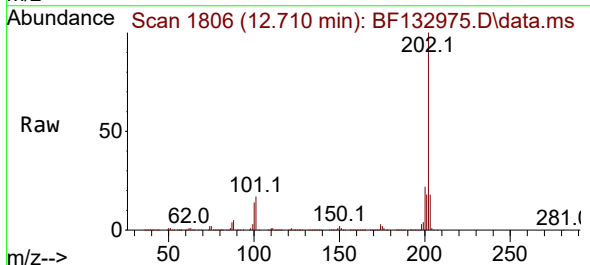
Tgt Ion:184 Resp: 830070
Ion Ratio Lower Upper
184 100
185 15.9 15.4 23.2
183 11.9 9.4 14.0

Manual Integrations
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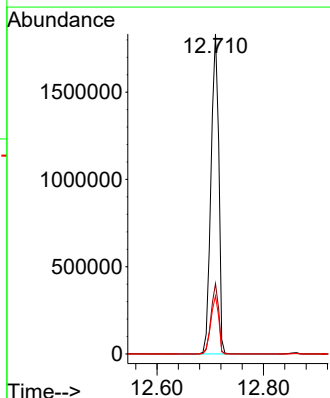
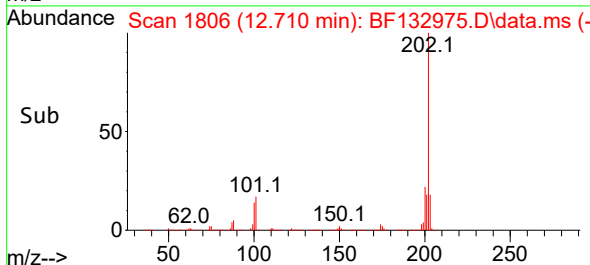
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

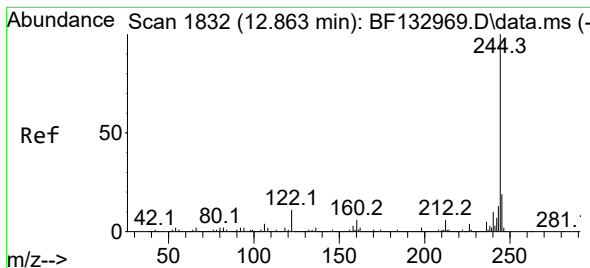


#78
Pyrene
Concen: 45.352 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion:202 Resp: 1854121
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 88.931 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132975.D

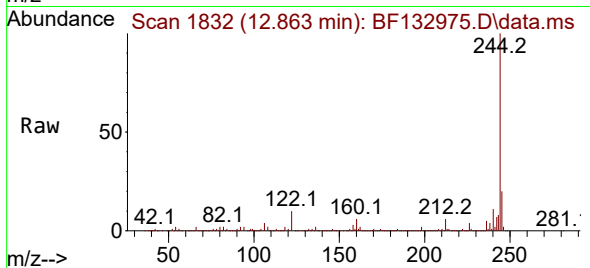
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS



Tgt Ion:244 Resp: 245920

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

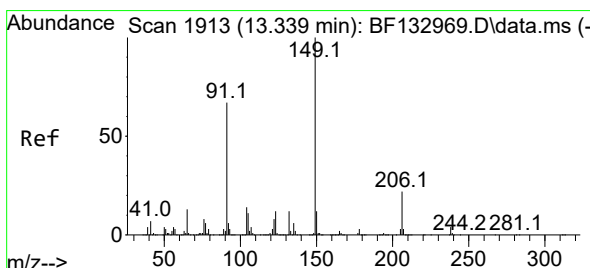
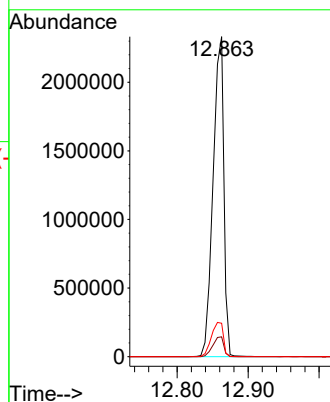
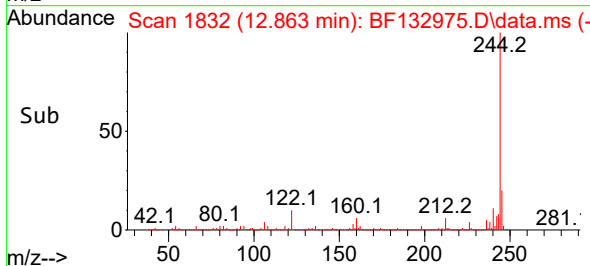
122 10.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#80

Butylbenzylphthalate

Concen: 50.300 ng

RT: 13.333 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

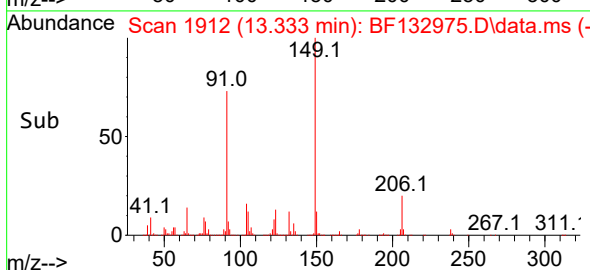
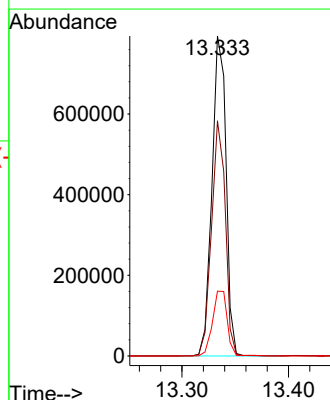
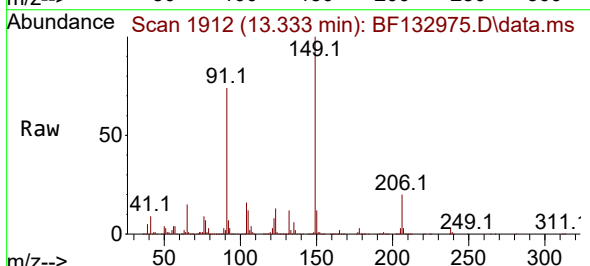
Tgt Ion:149 Resp: 728122

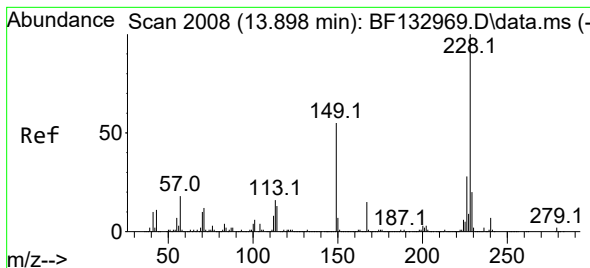
Ion Ratio Lower Upper

149 100

91 73.5 53.8 80.6

206 20.2 17.5 26.3





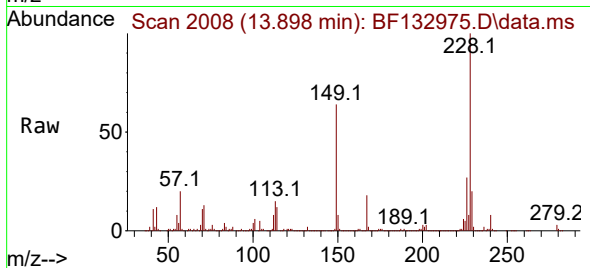
#81
Benzo(a)anthracene
Concen: 44.483 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

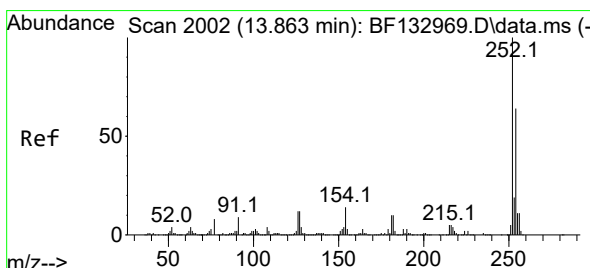
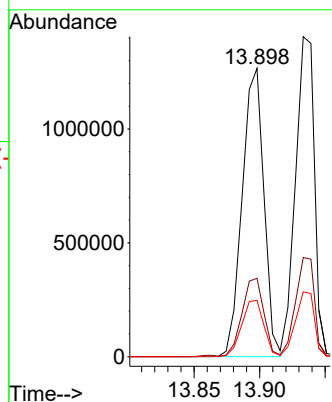
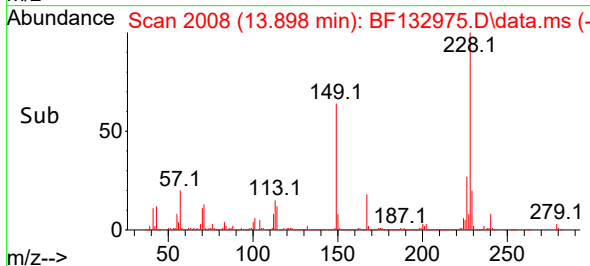


Tgt Ion:228 Resp: 1458890
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.5 16.0 24.0

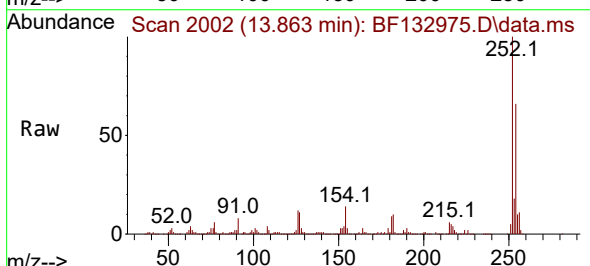
Manual Integrations

APPROVED

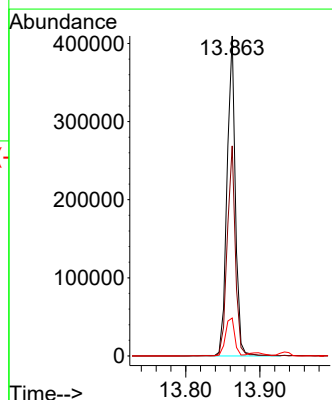
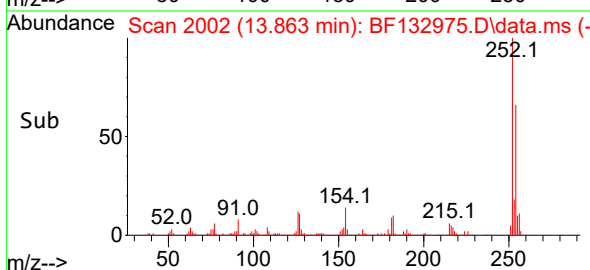
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

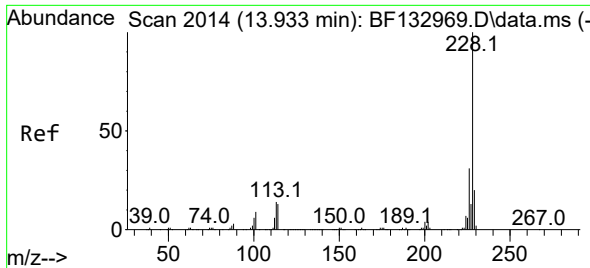


#82
3,3'-Dichlorobenzidine
Concen: 35.471 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



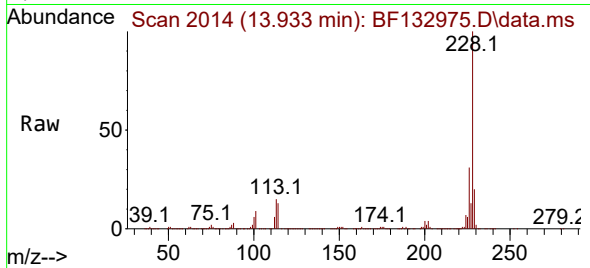
Tgt Ion:252 Resp: 321366
Ion Ratio Lower Upper
252 100
254 65.7 51.5 77.3
126 11.8 9.5 14.3





#83
Chrysene
Concen: 43.395 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

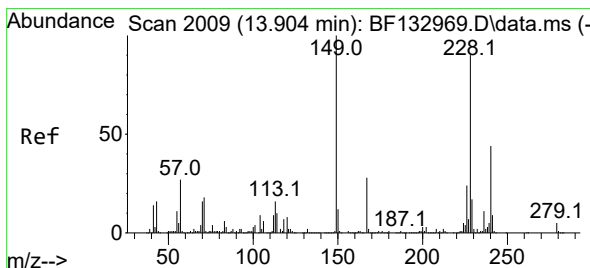
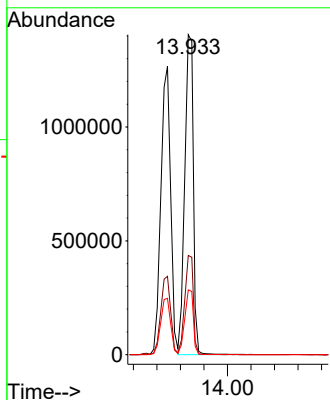
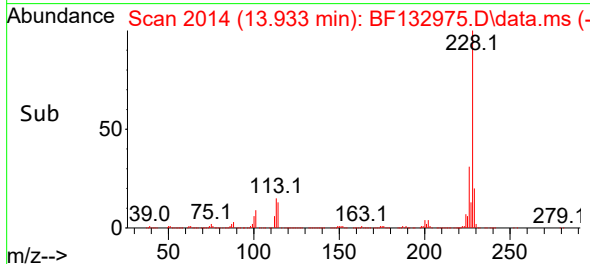
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:228 Resp: 142285
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.3 16.1 24.1

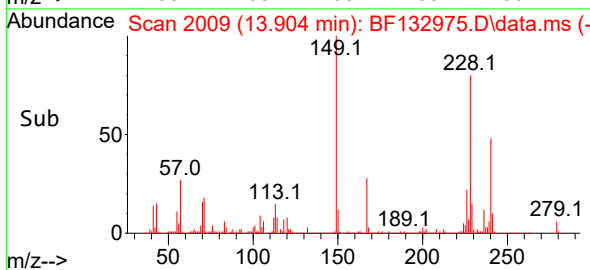
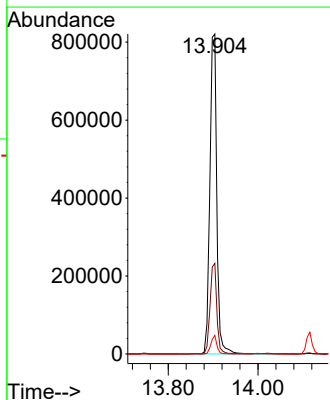
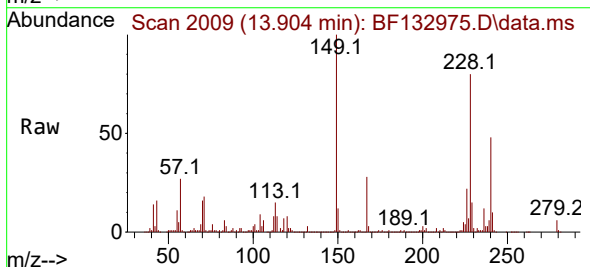
Manual Integrations
APPROVED

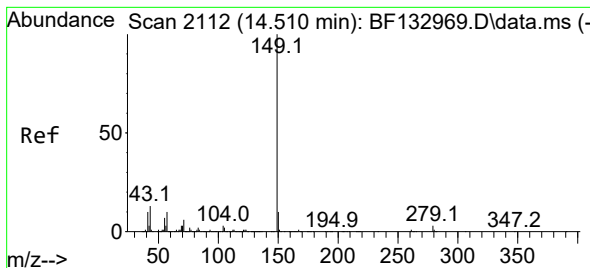
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.450 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:149 Resp: 880312
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 5.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 56.495 ng

RT: 14.510 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF132975.D

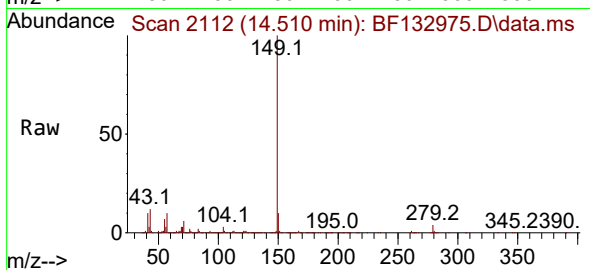
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS



Tgt Ion:149 Resp: 1673760

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

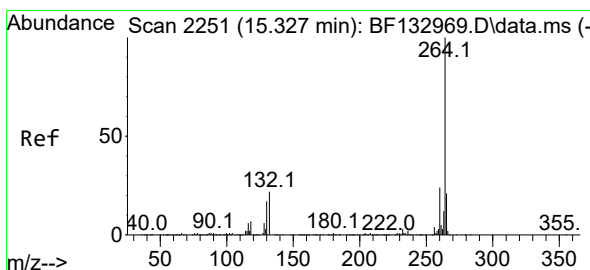
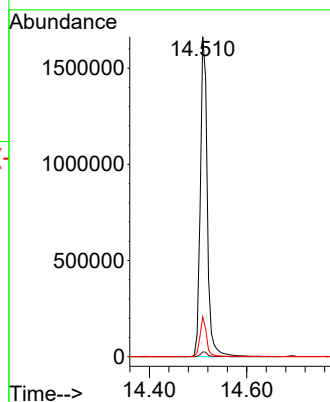
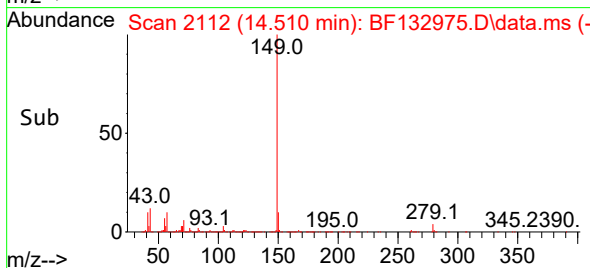
43 11.8 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF132975.D

Acq: 21 Apr 2023 18:27

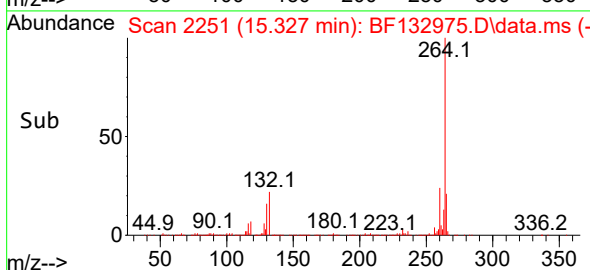
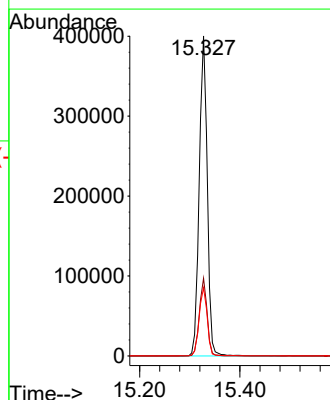
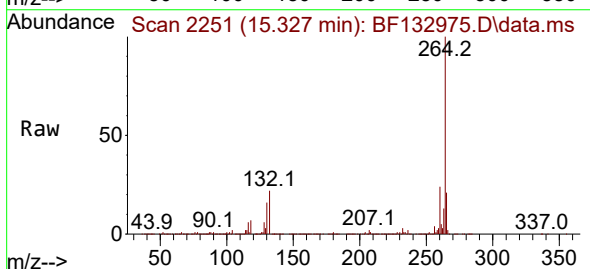
Tgt Ion:264 Resp: 443230

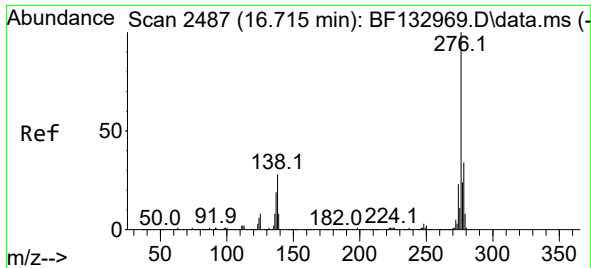
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

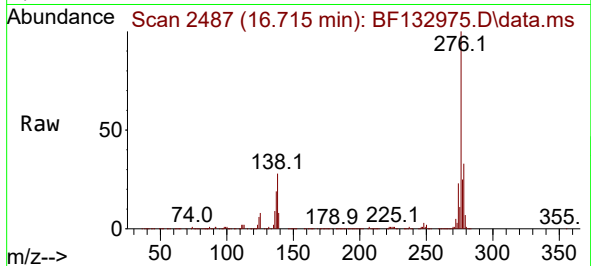
265 21.3 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.544 ng
 RT: 16.715 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BF132975.D
 Acq: 21 Apr 2023 18:27

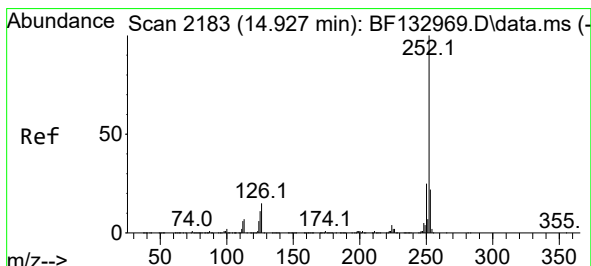
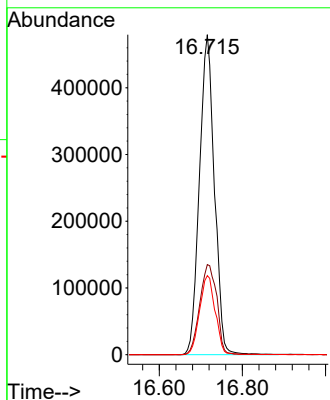
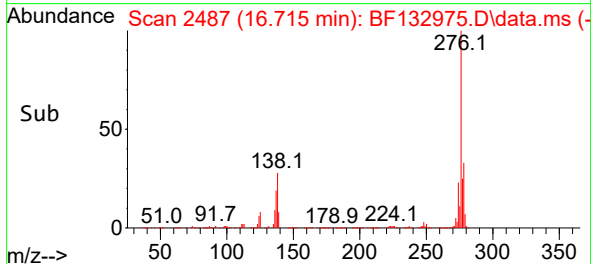
Instrument :
 BNA_F
 ClientSampleId :
 PB152302BS



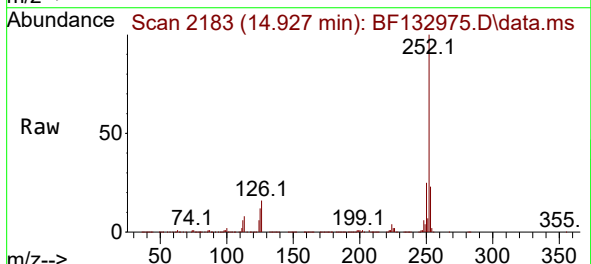
Tgt Ion: 276 Resp: 119866
 Ion Ratio Lower Upper
 276 100
 138 31.9 25.5 38.3
 277 25.8 20.4 30.6

Manual Integrations
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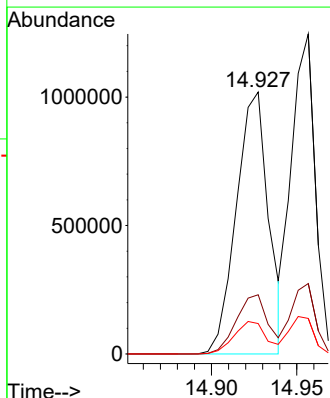
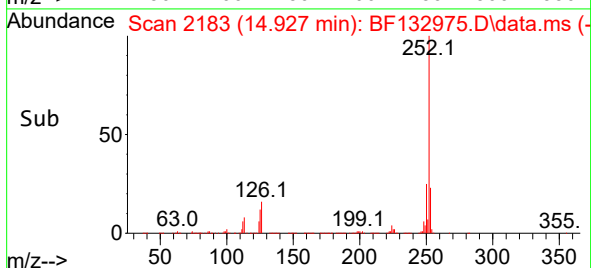
Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

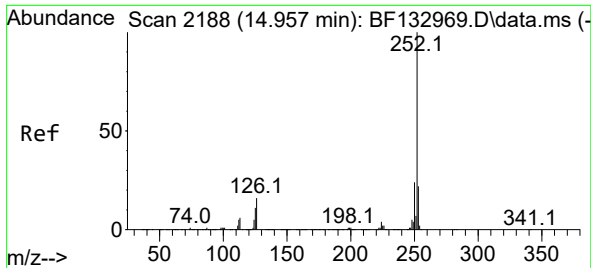


#88
 Benzo(b)fluoranthene
 Concen: 47.632 ng
 RT: 14.927 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: BF132975.D
 Acq: 21 Apr 2023 18:27



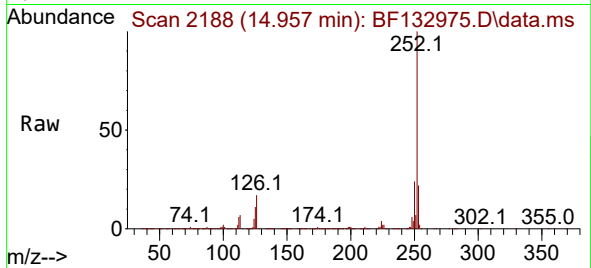
Tgt Ion: 252 Resp: 1343106
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.6 26.4
 125 11.6 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 43.599 ng
RT: 14.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

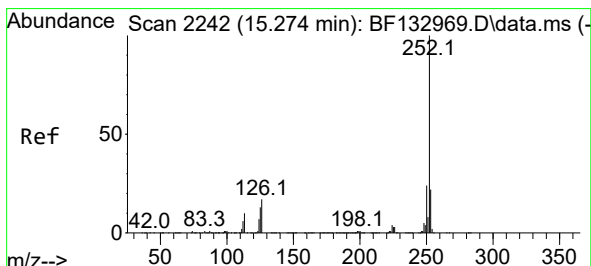
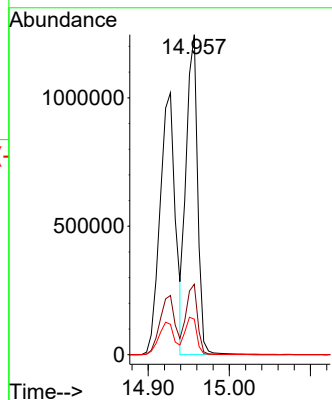
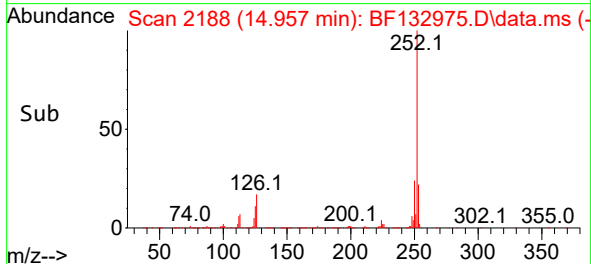
Instrument :
BNA_F
ClientSampleId :
PB152302BS



Tgt Ion:252 Resp: 1218689
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.1 9.0 13.4

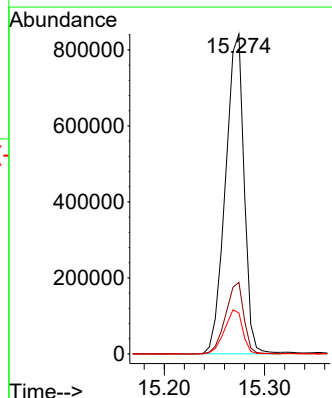
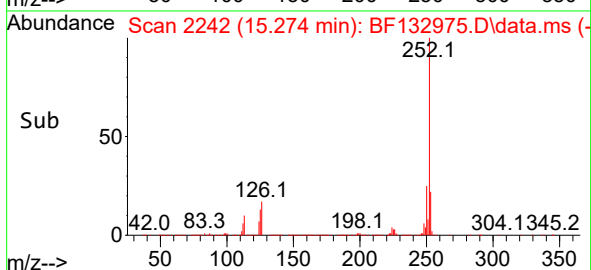
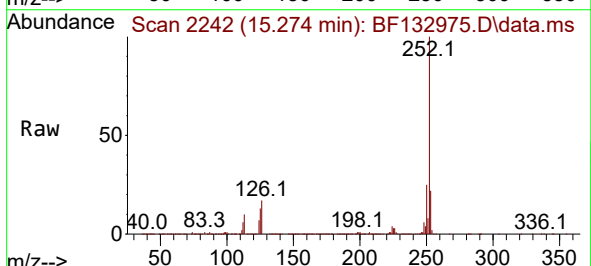
Manual Integrations
APPROVED

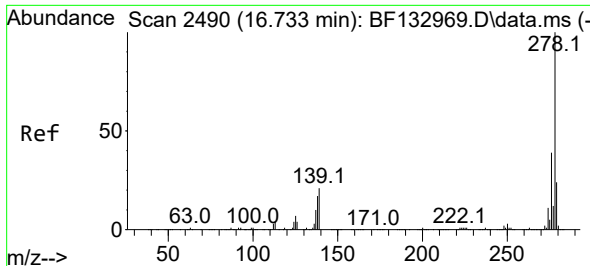
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#90
Benzo(a)pyrene
Concen: 42.199 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Tgt Ion:252 Resp: 1083082
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.8 10.5 15.7





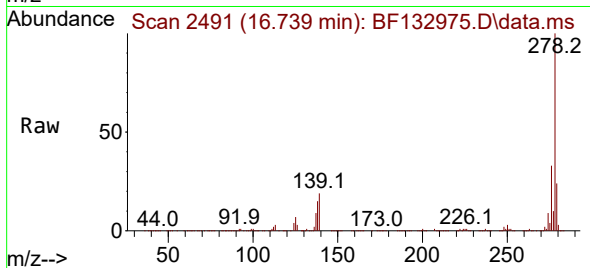
#91
Dibenzo(a,h)anthracene
Concen: 47.792 ng
RT: 16.739 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB152302BS

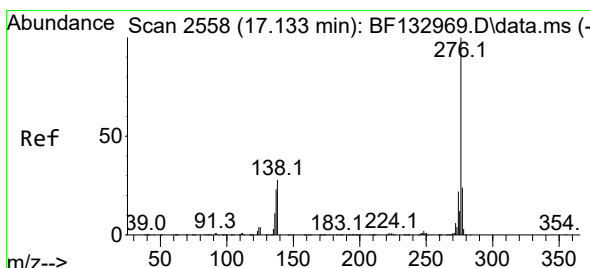
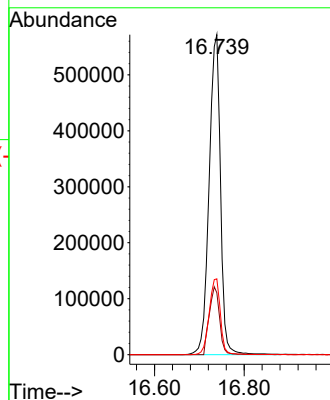
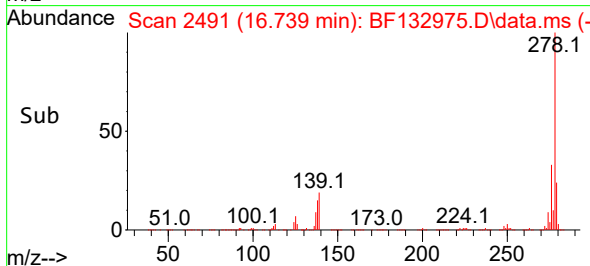


Tgt Ion:278 Resp: 1004970
Ion Ratio Lower Upper
278 100
139 19.3 16.6 24.8
279 23.7 18.8 28.2

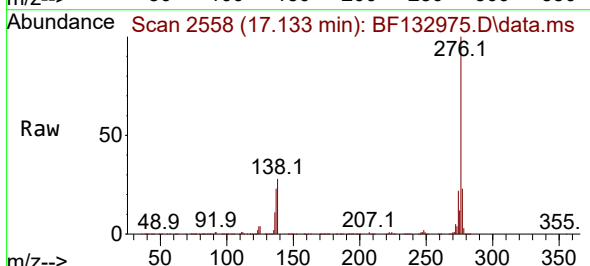
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#92
Benzo(g,h,i)perylene
Concen: 47.520 ng
RT: 17.133 min Scan# 2558
Delta R.T. 0.000 min
Lab File: BF132975.D
Acq: 21 Apr 2023 18:27



Tgt Ion:276 Resp: 986502
Ion Ratio Lower Upper
276 100
277 22.8 19.4 29.0
138 27.6 22.7 34.1

