

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132600.D
 Acq On : 01 Mar 2023 19:55
 Operator : CG\JU
 Sample : 01722-01MSD 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 03:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	200366	20.000	ng	0.00
21) Naphthalene-d8	8.292	136	677308	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	313168	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	585264	20.000	ng	0.00
76) Chrysene-d12	14.210	240	428952	20.000	ng	0.00
86) Perylene-d12	15.763	264	337455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	323165	26.176	ng	0.00
7) Phenol-d6	6.622	99	390950	24.264	ng	-0.01
23) Nitrobenzene-d5	7.563	82	224907	15.754	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	77809	23.006	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	383396	18.641	ng	0.00
79) Terphenyl-d14	13.133	244	437895	17.260	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	126065	18.460	ng	97
3) Pyridine	3.669	79	310572	17.133	ng	96
4) n-Nitrosodimethylamine	3.616	42	121708	17.775	ng	83
6) Aniline	6.663	93	189887	8.757	ng	95
8) 2-Chlorophenol	6.787	128	266080	20.766	ng	97
9) Benzaldehyde	6.557	77	137852	15.856	ng	96
10) Phenol	6.640	94	365087	19.764	ng	89
11) bis(2-Chloroethyl)ether	6.734	93	293995	20.617	ng	91
12) 1,3-Dichlorobenzene	6.946	146	293548	21.349	ng	97
13) 1,4-Dichlorobenzene	7.022	146	295897	21.551	ng	98
14) 1,2-Dichlorobenzene	7.175	146	276570	20.989	ng	97
15) Benzyl Alcohol	7.140	79	227476	18.332	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.275	45	361675	19.889	ng	99
17) 2-Methylphenol	7.251	107	220065	18.403	ng	94
18) Hexachloroethane	7.516	117	101351	18.895	ng	99
19) n-Nitroso-di-n-propyla...	7.404	70	185646	18.722	ng	94
20) 3+4-Methylphenols	7.404	107	263231	17.038	ng	# 88
22) Acetophenone	7.410	105	362279	21.212	ng	# 86
24) Nitrobenzene	7.581	77	283791	18.588	ng	97
25) Isophorone	7.822	82	512275	18.717	ng	98
26) 2-Nitrophenol	7.904	139	129823	19.272	ng	# 87
27) 2,4-Dimethylphenol	7.934	122	218297	20.532	ng	97
28) bis(2-Chloroethoxy)met...	8.028	93	326999	20.423	ng	99
29) 2,4-Dichlorophenol	8.145	162	205027	19.386	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	235917	20.543	ng	98
31) Naphthalene	8.310	128	945585	27.271	ng	99
32) Benzoic acid	8.016	122	121667	17.197	ng	93
33) 4-Chloroaniline	8.357	127	131493	8.850	ng	94
34) Hexachlorobutadiene	8.422	225	144117	19.748	ng	99
35) Caprolactam	8.710	113	61700m	17.696	ng	
36) 4-Chloro-3-methylphenol	8.834	107	199759	17.199	ng	97
37) 2-Methylnaphthalene	9.004	142	561596	23.766	ng	98
38) 1-Methylnaphthalene	9.104	142	485567	21.988	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	218285	21.304	ng	99
41) Hexachlorocyclopentadiene	9.151	237	48977	8.813	ng	98
43) 2,4,6-Trichlorophenol	9.281	196	136899	19.715	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	137790	17.002	ng	96
46) 1,1'-Biphenyl	9.469	154	541086	22.828	ng	97
47) 2-Chloronaphthalene	9.492	162	395422	21.041	ng	99
48) 2-Nitroaniline	9.587	65	118456	17.114	ng	92
49) Acenaphthylene	9.910	152	632533	21.148	ng	99
50) Dimethylphthalate	9.757	163	460641	20.201	ng	100
51) 2,6-Dinitrotoluene	9.828	165	96426	18.568	ng	91
52) Acenaphthene	10.086	154	400558	21.091	ng	98
53) 3-Nitroaniline	9.998	138	83942	14.450	ng	98
54) 2,4-Dinitrophenol	10.110	184	24731	9.228	ng	95
55) Dibenzofuran	10.257	168	595878	21.522	ng	97
56) 4-Nitrophenol	10.157	139	150939	34.841	ng	94
57) 2,4-Dinitrotoluene	10.234	165	119287	17.266	ng	92
58) Fluorene	10.604	166	514926	24.314	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	111748	18.562	ng	# 99
60) Diethylphthalate	10.463	149	434219	19.498	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	214496	19.523	ng	92
62) 4-Nitroaniline	10.610	138	93953	16.476	ng	92
63) Azobenzene	10.751	77	463792	19.664	ng	97
65) 4,6-Dinitro-2-methylph...	10.645	198	20196	5.097	ng	95
66) n-Nitrosodiphenylamine	10.704	169	367296	20.130	ng	99
67) 4-Bromophenyl-phenylether	11.081	248	126829	19.158	ng	94
68) Hexachlorobenzene	11.151	284	138544	19.888	ng	# 94
69) Atrazine	11.233	200	121908	21.402	ng	98
70) Pentachlorophenol	11.351	266	149668	36.112	ng	98
71) Phenanthrene	11.575	178	1216884	40.135	ng	98
72) Anthracene	11.622	178	786816	25.201	ng	99
73) Carbazole	11.775	167	622894	22.128	ng	98
74) Di-n-butylphthalate	12.098	149	708098	21.444	ng	98
75) Fluoranthene	12.769	202	1309278	39.501	ng	99
77) Benzidine	12.886	184	278463	26.668	ng	99
78) Pyrene	13.004	202	1377266	35.315	ng	99
80) Butylbenzylphthalate	13.610	149	309675	20.122	ng	95
81) Benzo(a)anthracene	14.198	228	945550	29.461	ng	97
82) 3,3'-Dichlorobenzidine	14.151	252	146793	15.514	ng	100
83) Chrysene	14.233	228	874288m	29.130	ng	
84) Bis(2-ethylhexyl)phtha...	14.163	149	433772	22.944	ng	100
85) Di-n-octyl phthalate	14.792	149	693180	25.091	ng	99
87) Indeno(1,2,3-cd)pyrene	17.362	276	506500	22.907	ng	100
88) Benzo(b)fluoranthene	15.298	252	733538	32.437	ng	96
89) Benzo(k)fluoranthene	15.327	252	567991	25.663	ng	99
90) Benzo(a)pyrene	15.692	252	593546	28.043	ng	97
91) Dibenzo(a,h)anthracene	17.380	278	359020	19.928	ng	98
92) Benzo(g,h,i)perylene	17.857	276	428022	21.930	ng	97

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

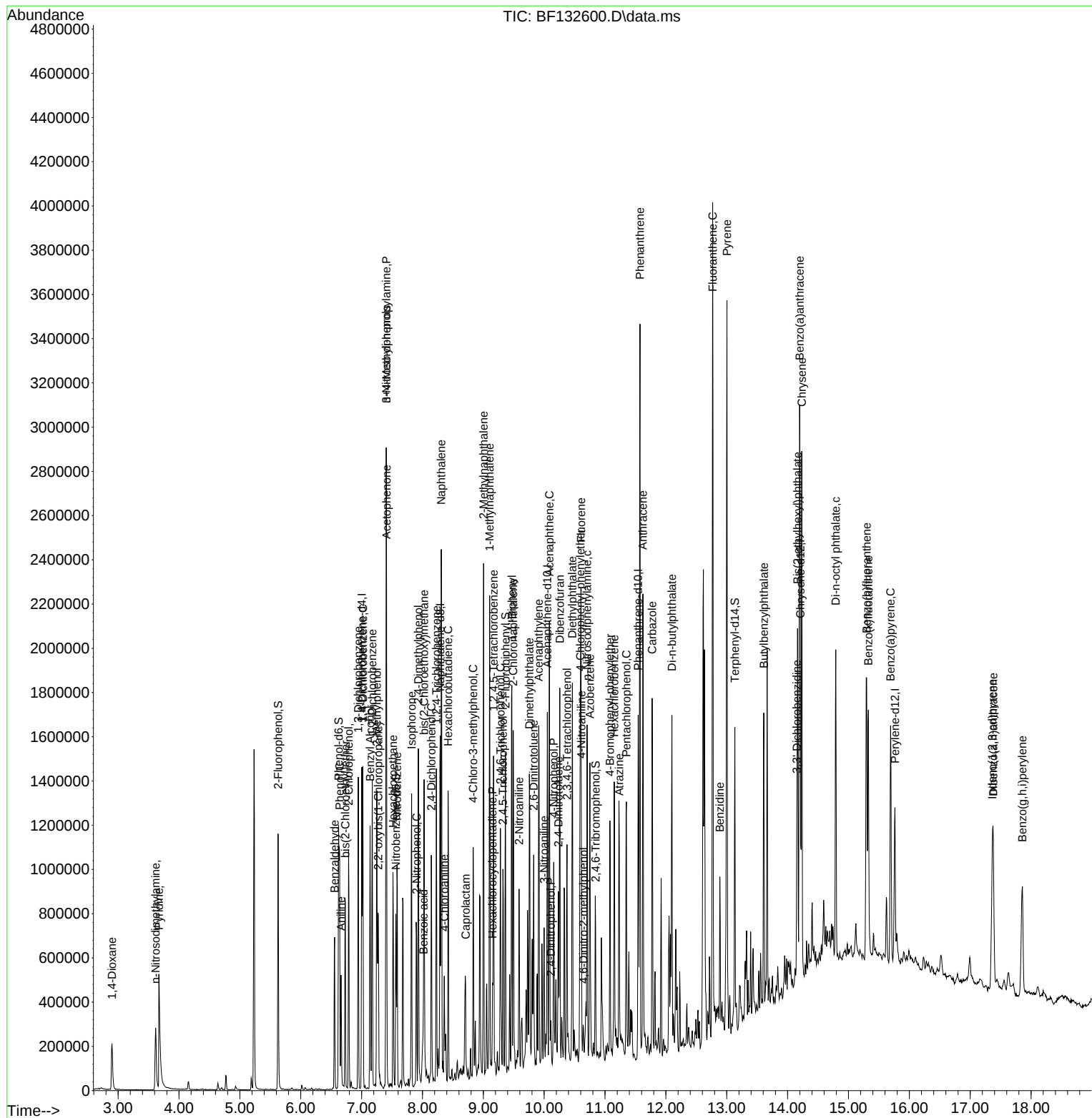
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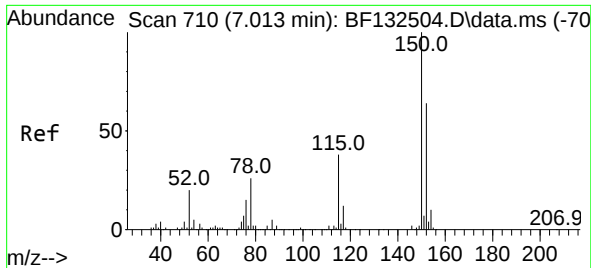
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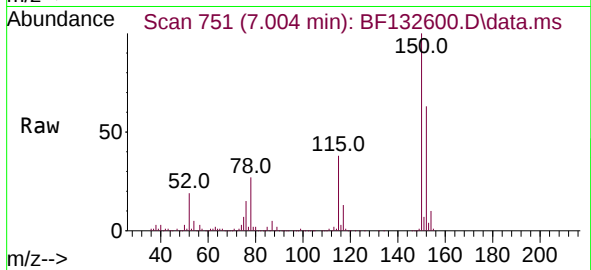
Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

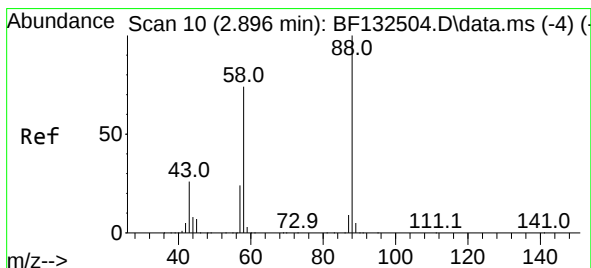
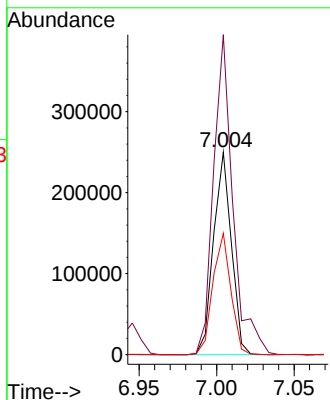
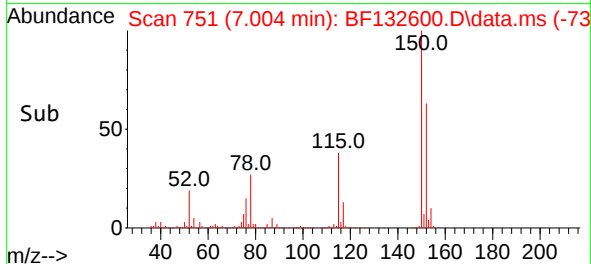
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion: 152 Resp: 200366
Ion Ratio Lower Upper
152 100
150 158.0 125.4 188.2
115 59.9 47.8 71.6

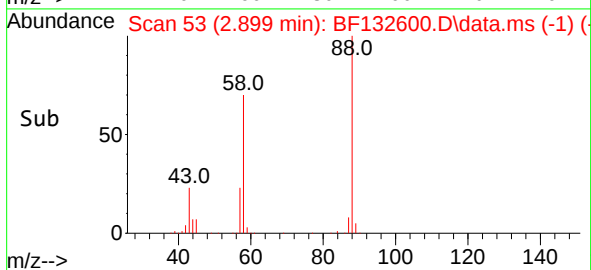
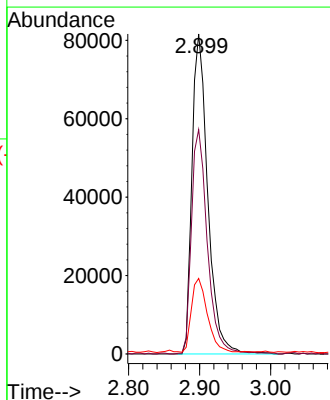
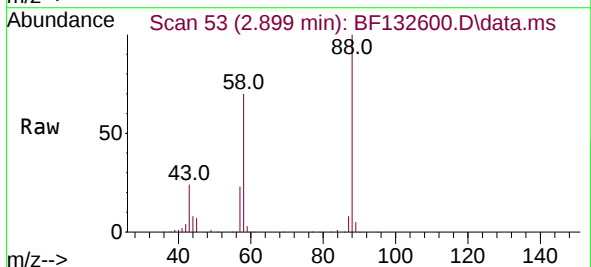
Manual Integrations
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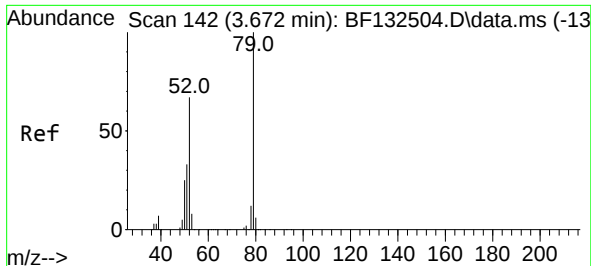
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#2
1,4-Dioxane
Concen: 18.460 ng
RT: 2.899 min Scan# 53
Delta R.T. 0.015 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

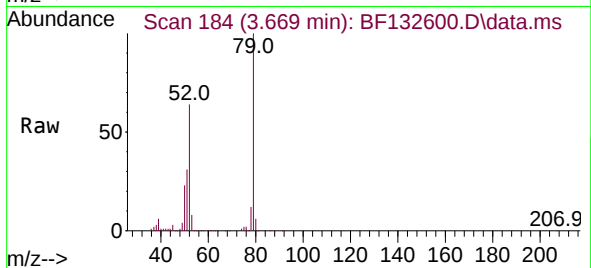
Tgt Ion: 88 Resp: 126065
Ion Ratio Lower Upper
88 100
58 70.8 58.3 87.5
43 22.9 20.7 31.1





#3
Pyridine
Concen: 17.133 ng
RT: 3.669 min Scan# 18
Delta R.T. 0.015 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

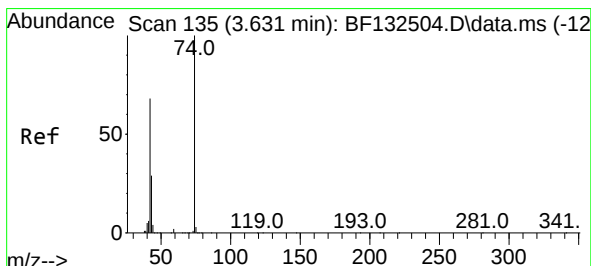
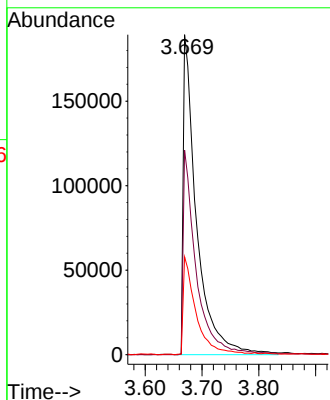
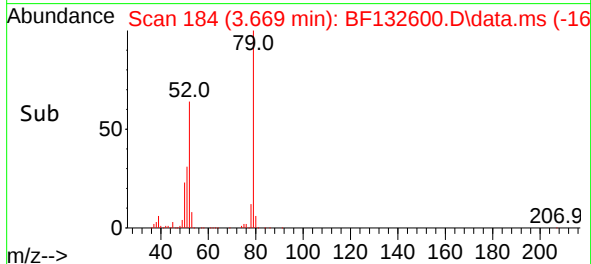
Instrument :
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ClientSampleId :
HD-01-022723MSD



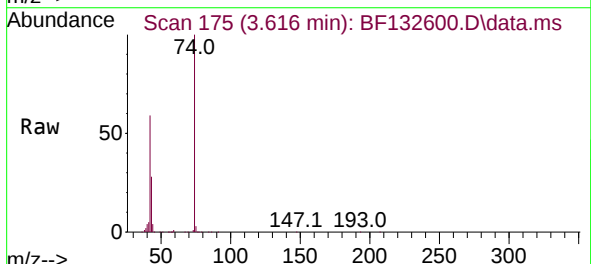
Tgt Ion: 79 Resp: 310572
Ion Ratio Lower Upper
79 100
52 63.9 53.7 80.5
51 30.5 26.6 40.0

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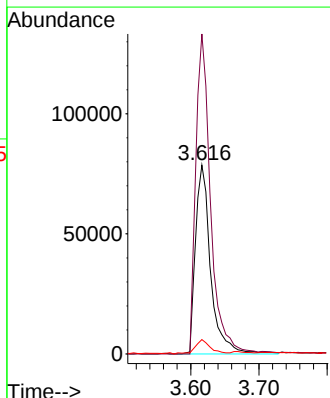
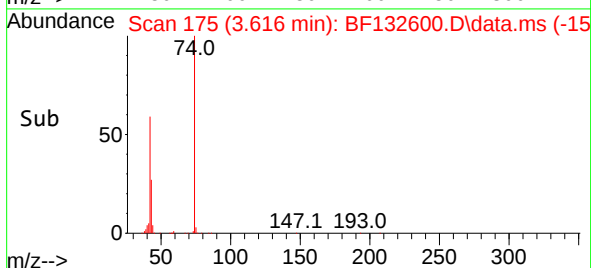
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#4
n-Nitrosodimethylamine
Concen: 17.775 ng
RT: 3.616 min Scan# 175
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



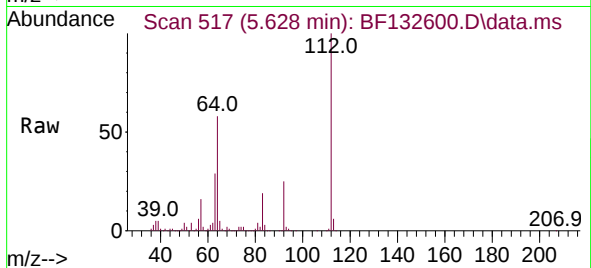
Tgt Ion: 42 Resp: 121708
Ion Ratio Lower Upper
42 100
74 169.5 118.2 177.2
44 7.6 5.3 7.9





#5
2-Fluorophenol
Concen: 26.176 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

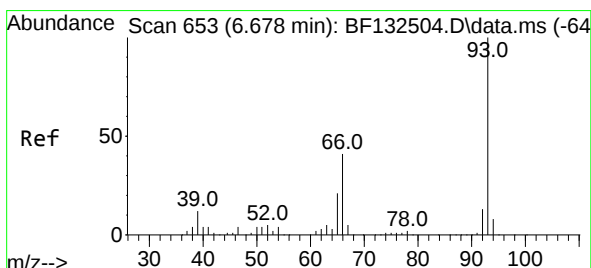
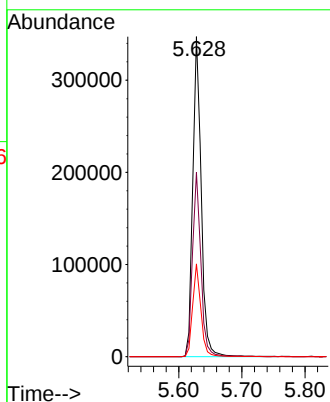
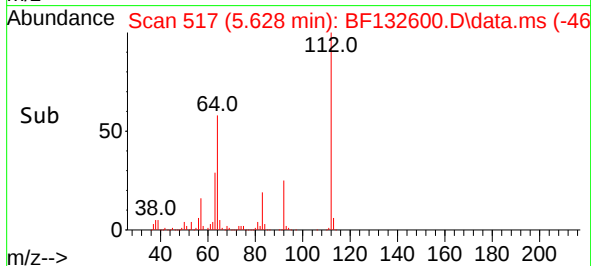
Instrument :
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ClientSampleId :
HD-01-022723MSD



Tgt Ion:112 Resp: 323165
Ion Ratio Lower Upper
112 100
64 57.6 51.6 77.4
63 29.0 27.4 41.2

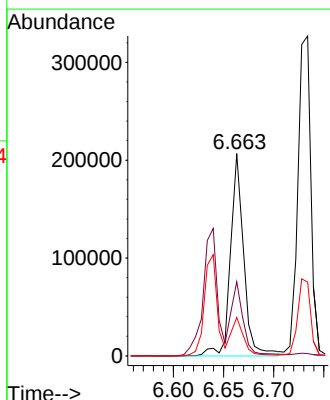
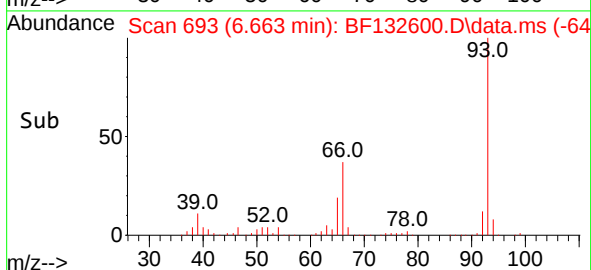
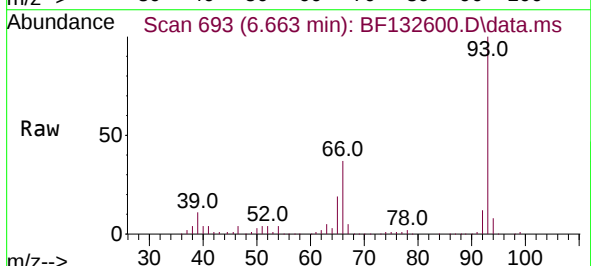
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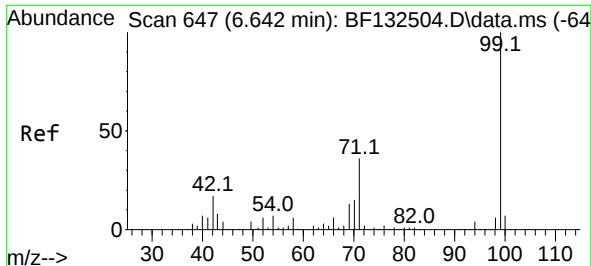
Reviewed By :Yogesh Patel 03/02/2023
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#6
Aniline
Concen: 8.757 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

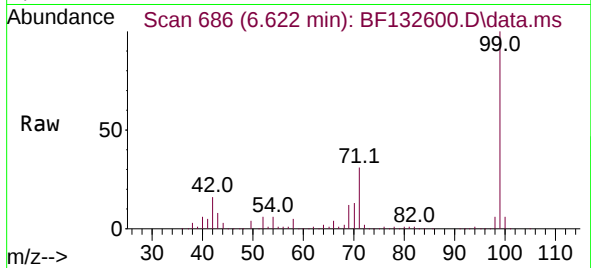
Tgt Ion: 93 Resp: 189887
Ion Ratio Lower Upper
93 100
66 36.7 32.5 48.7
65 18.9 16.6 24.8





#7
Phenol-d6
Concen: 24.264 ng
RT: 6.622 min Scan# 686
Delta R.T. -0.015 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

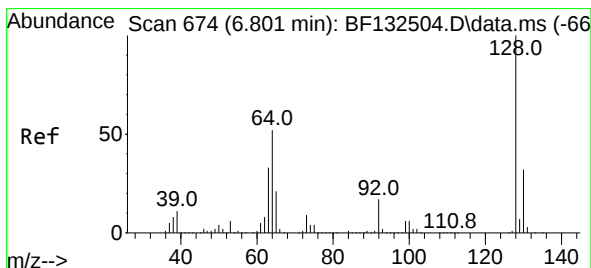
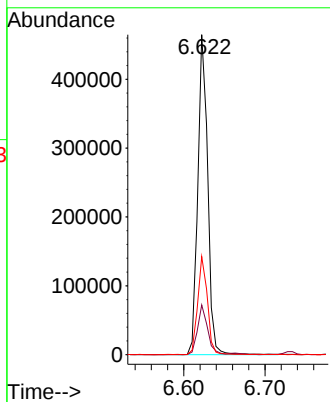
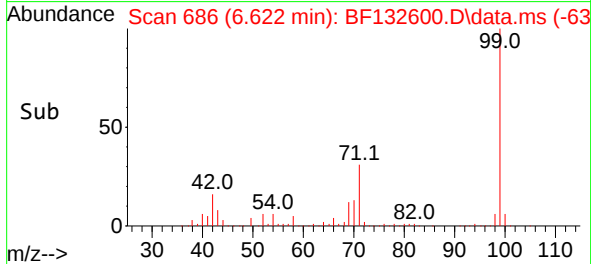
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Tgt Ion: 99 Resp: 390950
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 30.6 28.5 42.7

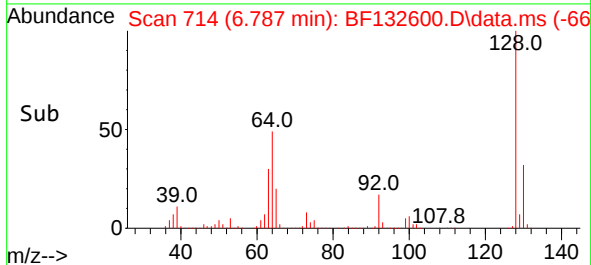
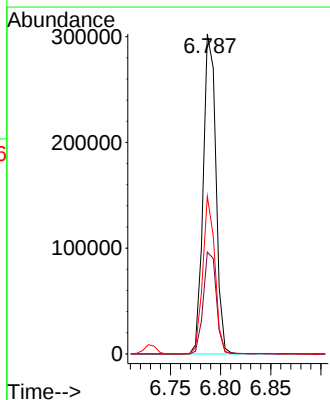
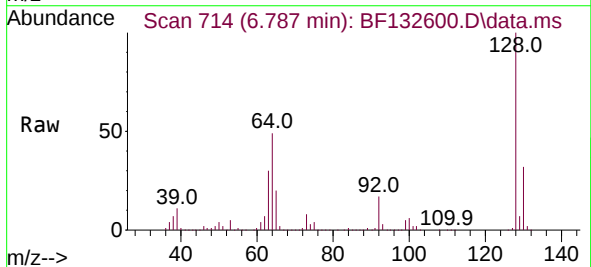
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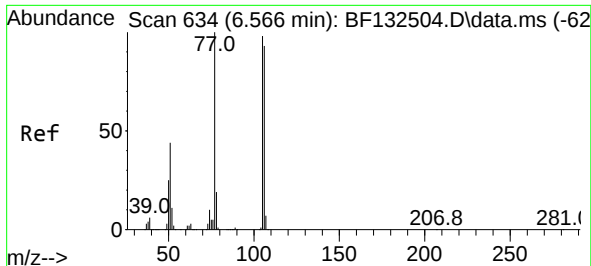
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#8
2-Chlorophenol
Concen: 20.766 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

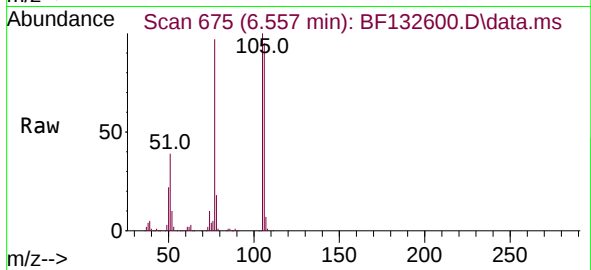
Tgt Ion:128 Resp: 266080
Ion Ratio Lower Upper
128 100
130 31.8 12.1 52.1
64 49.2 32.0 72.0





#9
Benzaldehyde
Concen: 15.856 ng
RT: 6.557 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

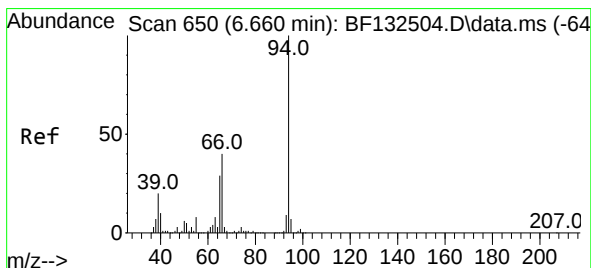
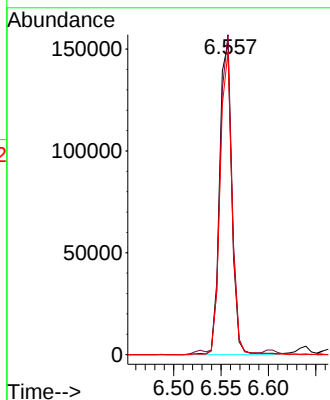
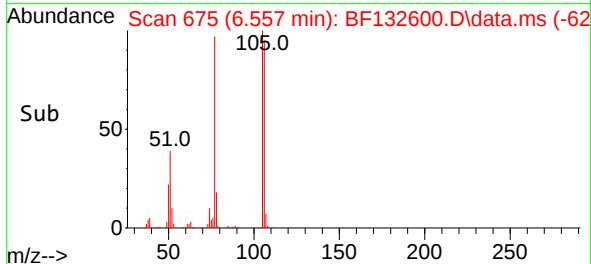
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Tgt Ion: 77 Resp: 137852
Ion Ratio Lower Upper
77 100
105 102.7 77.9 117.9
106 97.2 73.4 113.4

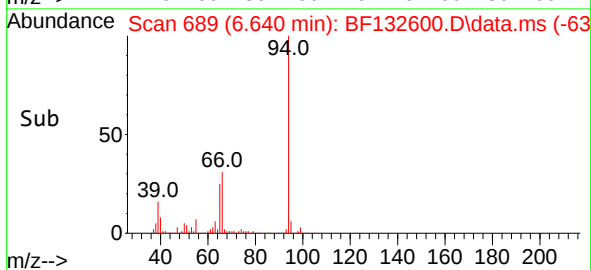
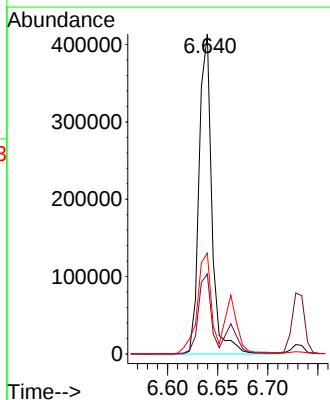
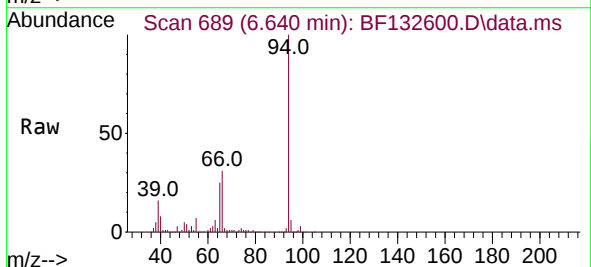
Manual Integrations
APPROVED

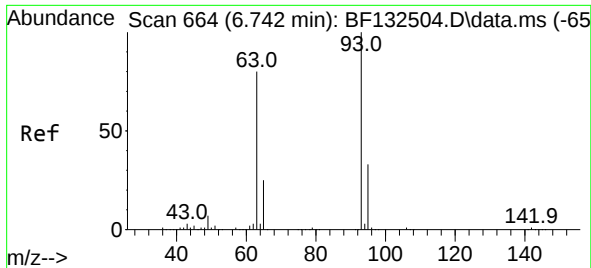
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#10
Phenol
Concen: 19.764 ng
RT: 6.640 min Scan# 689
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion: 94 Resp: 365087
Ion Ratio Lower Upper
94 100
65 25.0 9.4 49.4
66 31.5 19.8 59.8





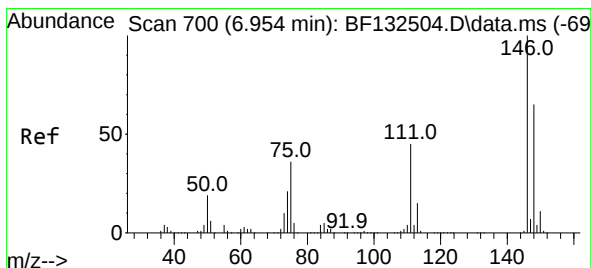
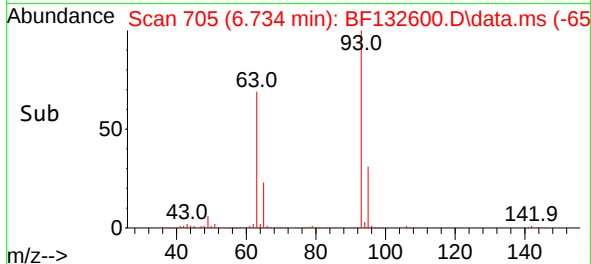
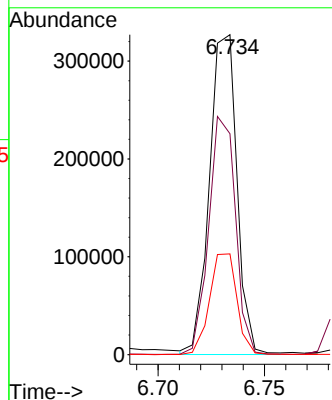
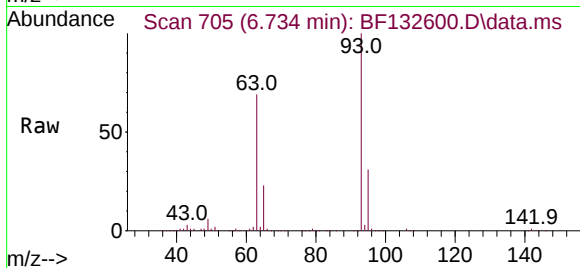
#11
bis(2-Chloroethyl)ether
Concen: 20.617 ng
RT: 6.734 min Scan# 705
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Tgt Ion: 93 Resp: 293995
Ion Ratio Lower Upper
93 100
63 69.0 59.6 99.6
95 31.5 12.8 52.8

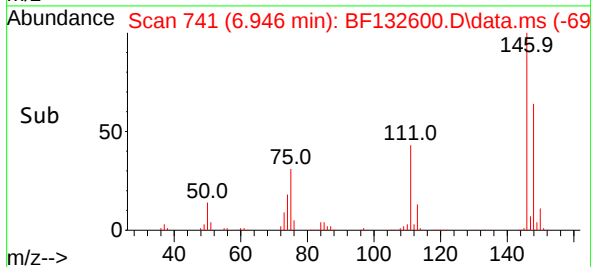
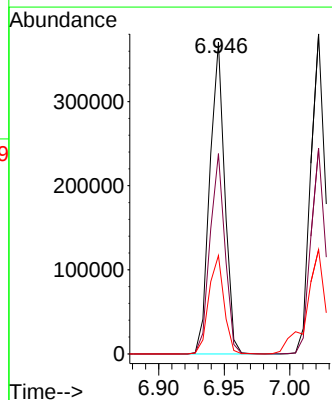
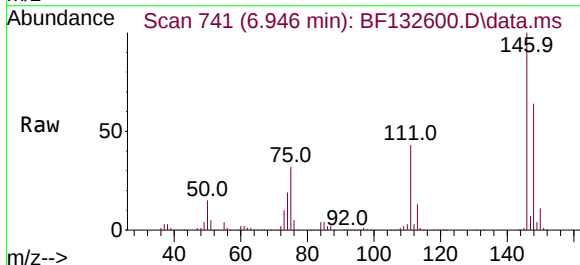
Manual Integrations
APPROVED

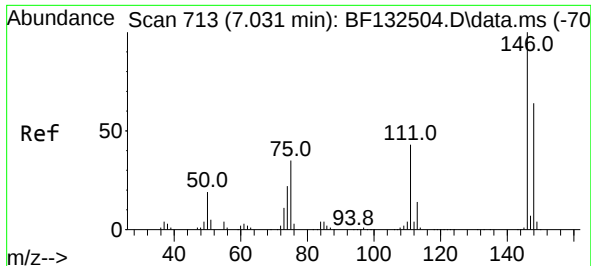
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#12
1,3-Dichlorobenzene
Concen: 21.349 ng
RT: 6.946 min Scan# 741
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion:146 Resp: 293548
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 31.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 21.551 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD

Tgt Ion:146 Resp: 29589

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

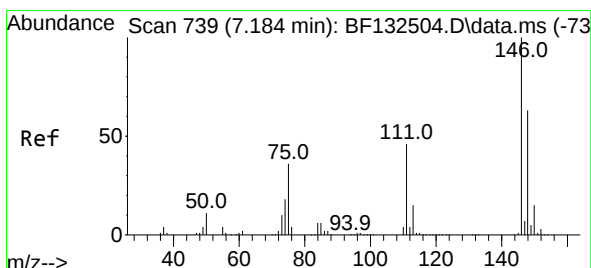
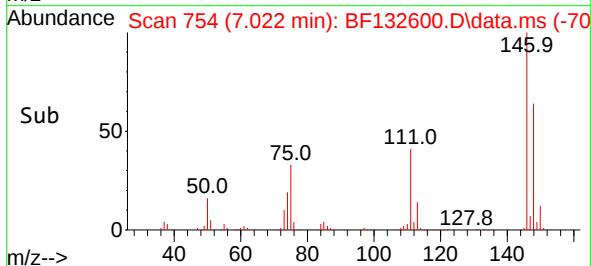
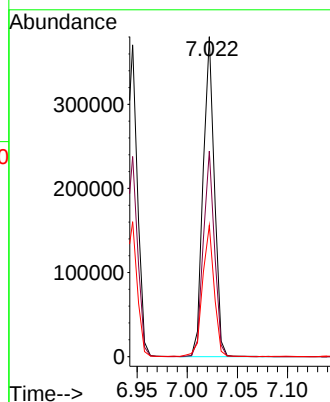
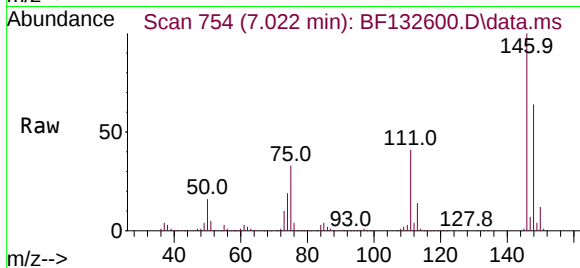
111 41.0 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#14

1,2-Dichlorobenzene

Concen: 20.989 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

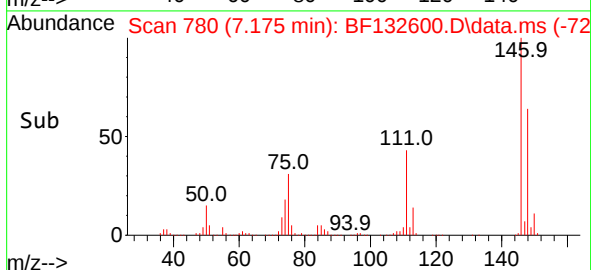
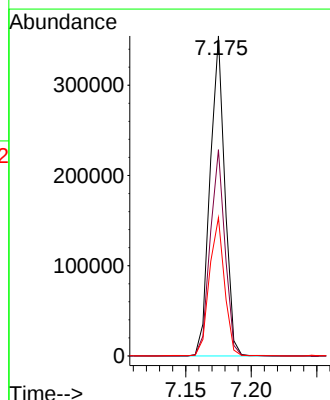
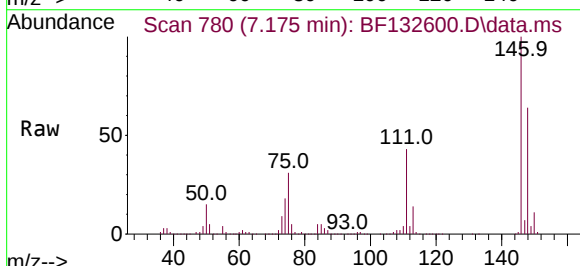
Tgt Ion:146 Resp: 276570

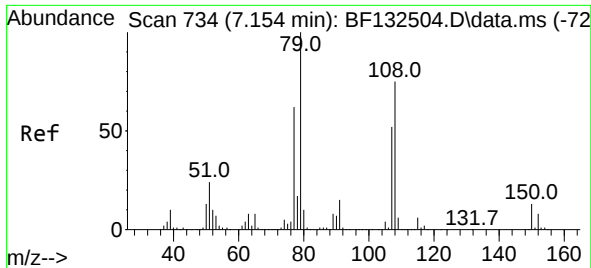
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

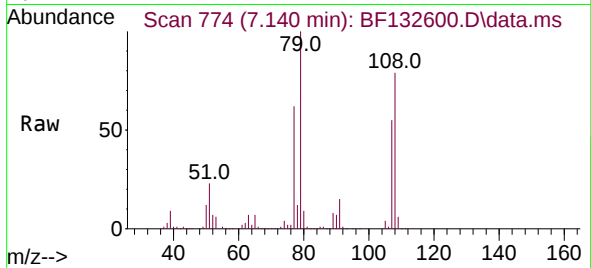
111 43.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 18.332 ng
RT: 7.140 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

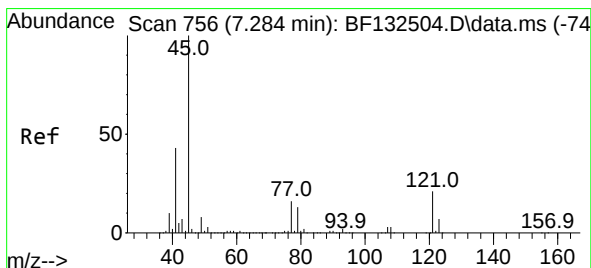
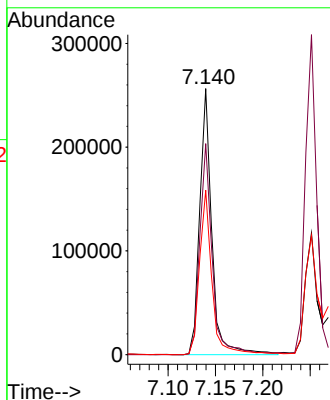
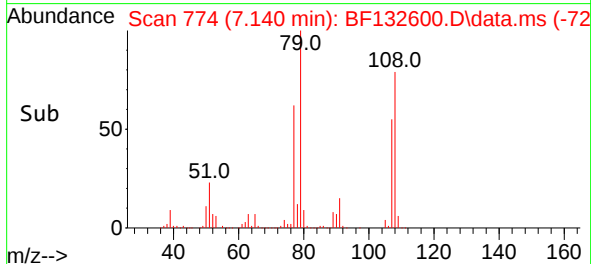
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion: 79 Resp: 227476
Ion Ratio Lower Upper
79 100
108 79.3 60.2 90.4
77 61.8 49.9 74.9

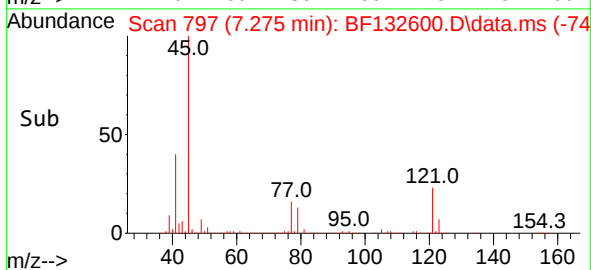
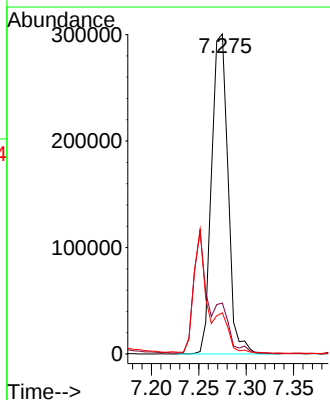
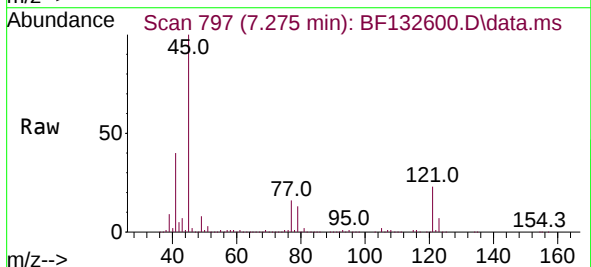
Manual Integrations
APPROVED

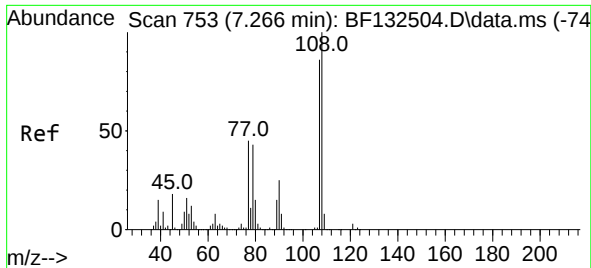
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.889 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

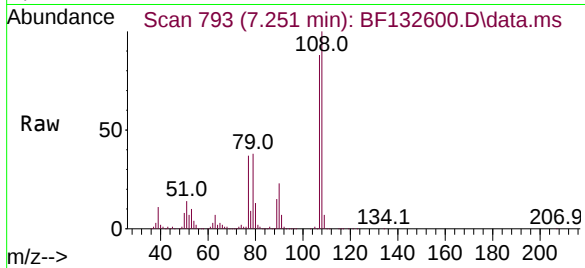
Tgt Ion: 45 Resp: 361675
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.4
79 12.8 0.0 33.4





#17
2-Methylphenol
Concen: 18.403 ng
RT: 7.251 min Scan# 79
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

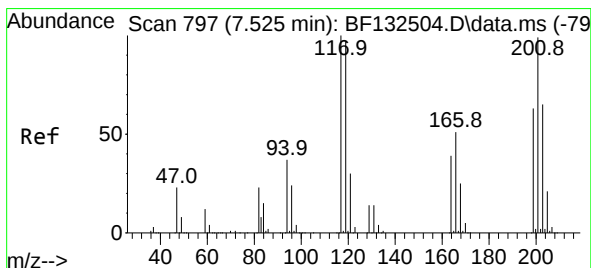
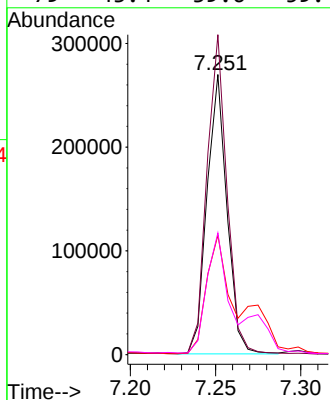
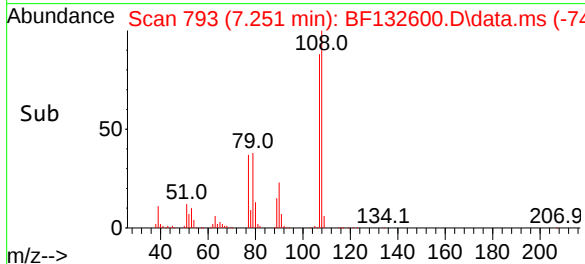
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:107 Resp: 22065
Ion Ratio Lower Upper
107 100
108 114.2 93.0 139.4
77 42.6 42.1 63.1
79 43.4 39.6 59.4

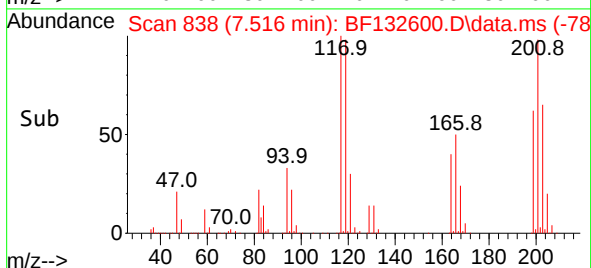
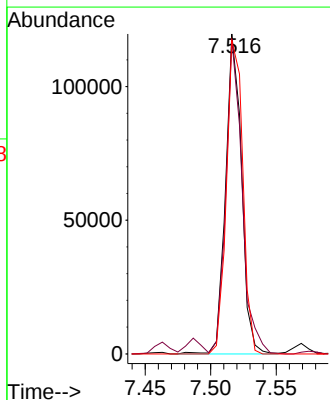
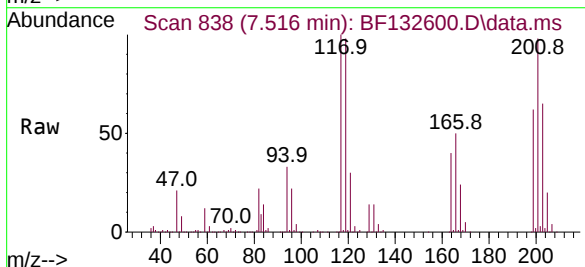
Manual Integrations
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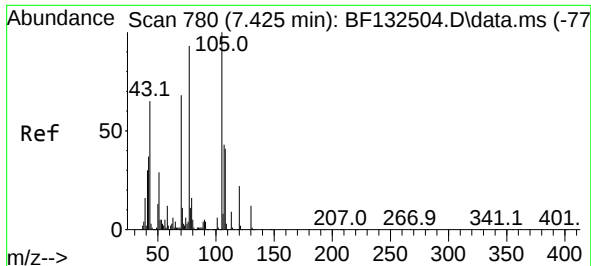
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#18
Hexachloroethane
Concen: 18.895 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion:117 Resp: 101351
Ion Ratio Lower Upper
117 100
119 98.4 78.0 117.0
201 98.0 79.0 118.4





#19

n-Nitroso-di-n-propylamine

Concen: 18.722 ng

RT: 7.404 min Scan# 819

Delta R.T. -0.014 min

Lab File: BF132600.D

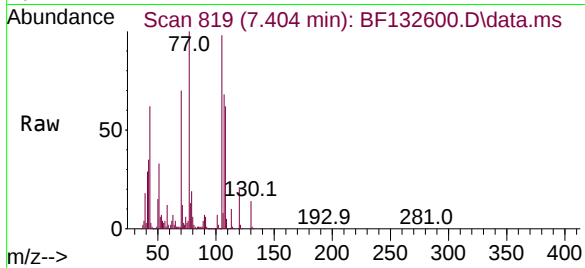
Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD



Tgt Ion: 70 Resp: 185646

Ion Ratio Lower Upper

70 100

42 49.6 44.1 66.1

101 9.4 7.4 11.2

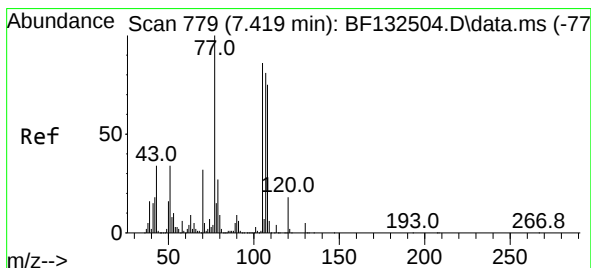
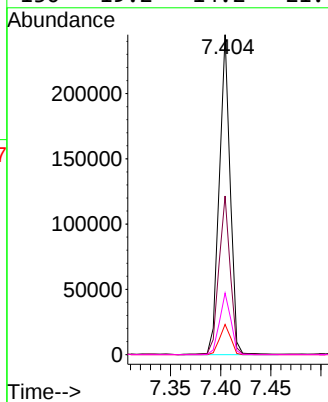
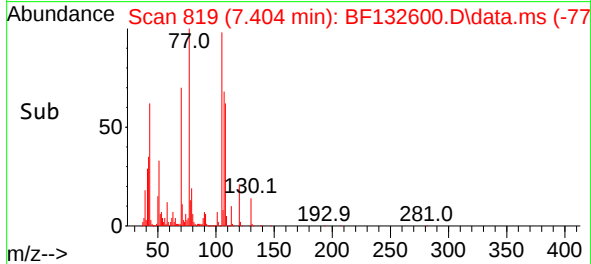
130 19.2 14.2 21.4

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#20

3+4-Methylphenols

Concen: 17.038 ng

RT: 7.404 min Scan# 819

Delta R.T. -0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Tgt Ion:107 Resp: 263231

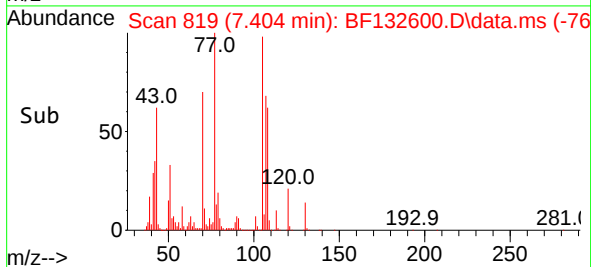
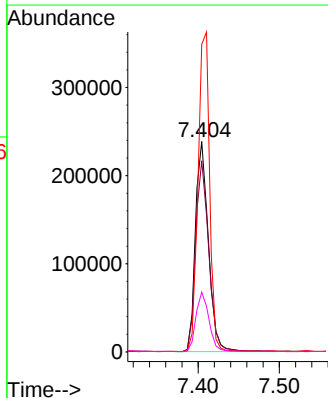
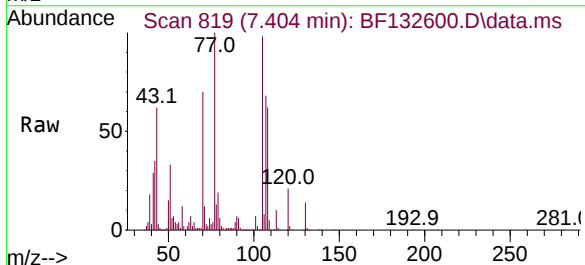
Ion Ratio Lower Upper

107 100

108 90.9 72.6 112.6

77 146.2 104.0 144.0#

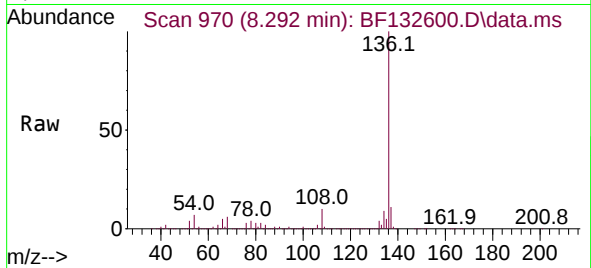
79 28.4 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

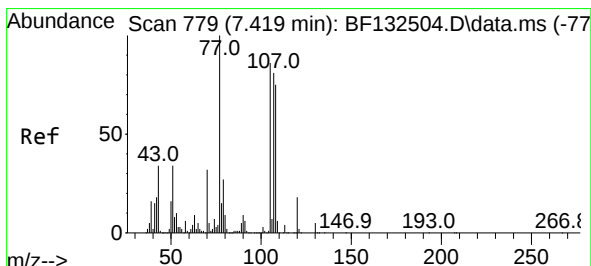
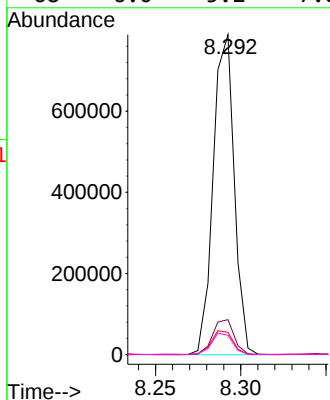
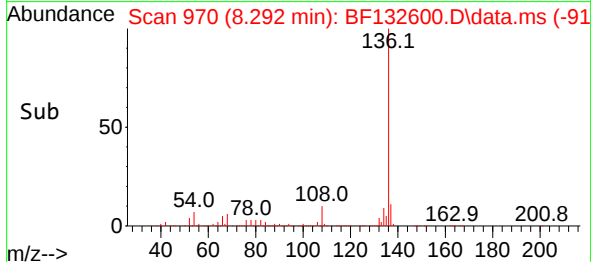
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



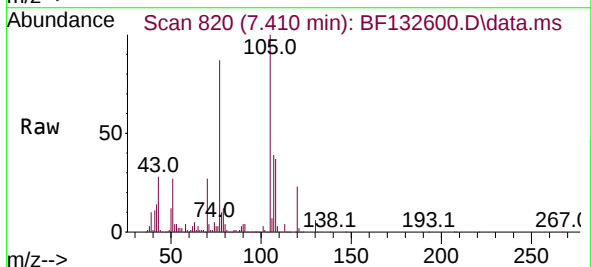
Tgt Ion:136 Resp: 677308
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.2 9.4
68 6.0 5.2 7.8

Manual Integrations
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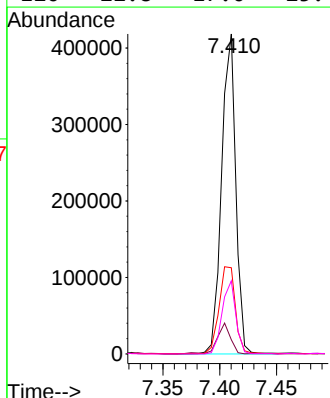
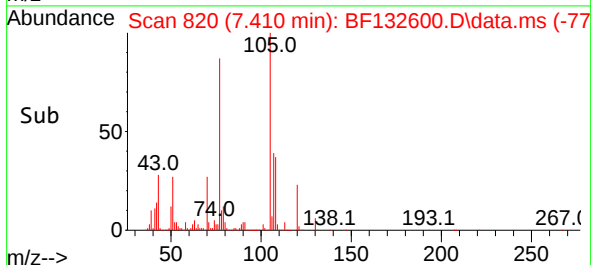
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

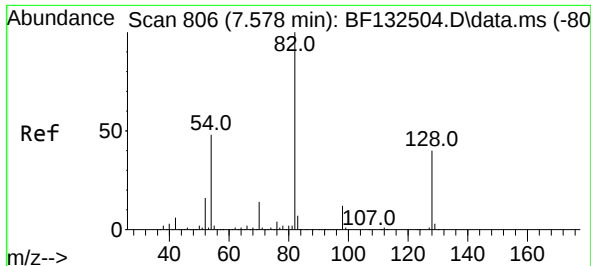


#22
Acetophenone
Concen: 21.212 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



Tgt Ion:105 Resp: 362279
Ion Ratio Lower Upper
105 100
71 4.4 5.0 7.4#
51 26.9 31.5 47.3#
120 22.8 17.0 25.4





#23

Nitrobenzene-d5

Concen: 15.754 ng

RT: 7.563 min Scan# 846

Delta R.T. -0.009 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD

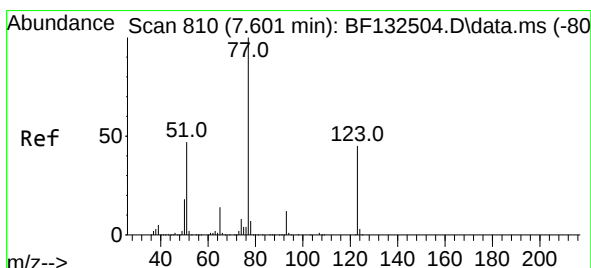
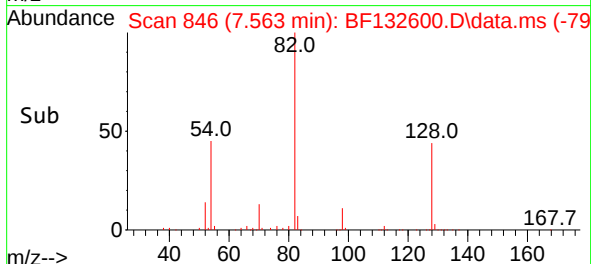
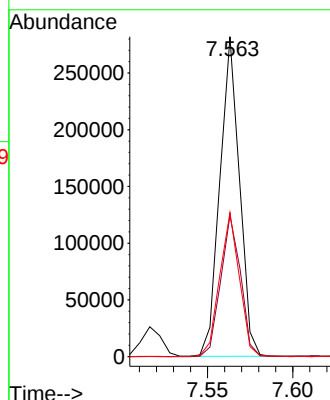
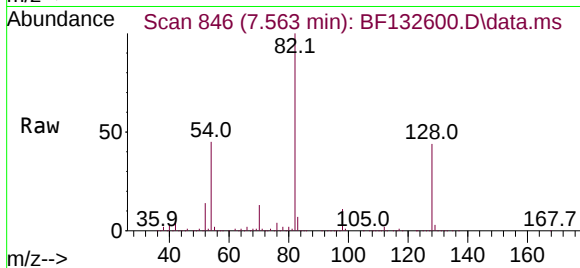
Tgt Ion: 82 Resp: 22490

Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.2	48.2
54	45.0	38.4	57.6

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#24

Nitrobenzene

Concen: 18.588 ng

RT: 7.581 min Scan# 849

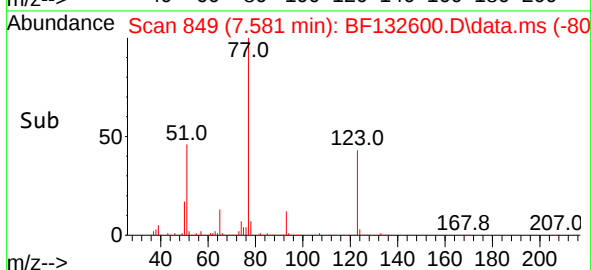
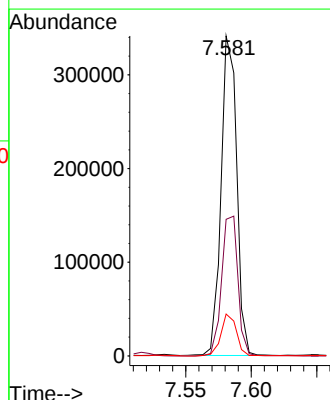
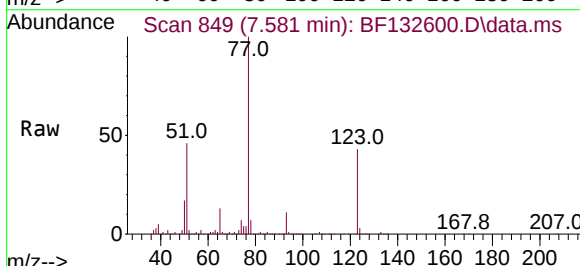
Delta R.T. -0.014 min

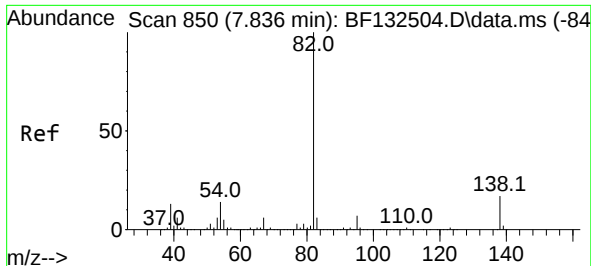
Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Tgt Ion: 77 Resp: 283791

Ion	Ratio	Lower	Upper
77	100		
123	42.7	35.8	53.6
65	13.1	10.9	16.3





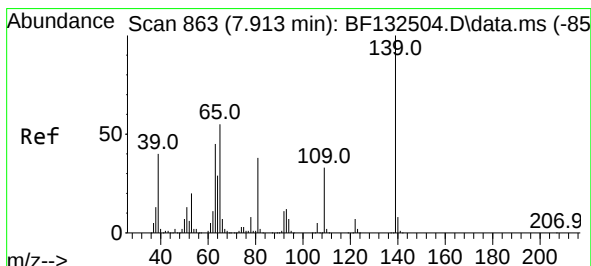
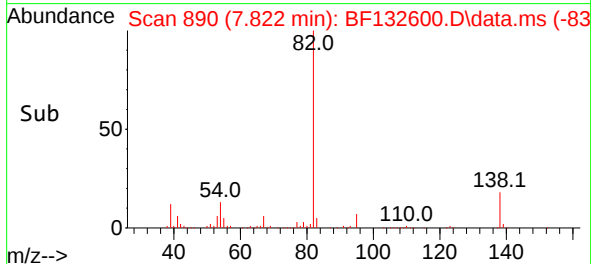
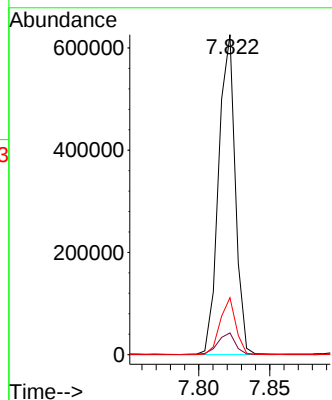
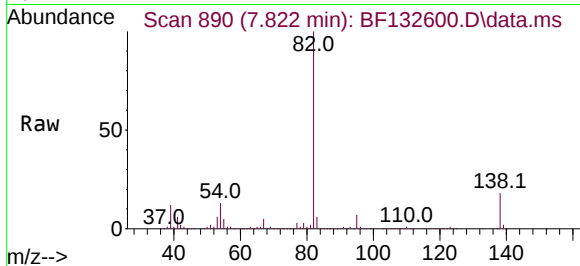
#25
Isophorone
Concen: 18.717 ng
RT: 7.822 min Scan# 890
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Tgt Ion: 82 Resp: 512275
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.8 13.3 19.9

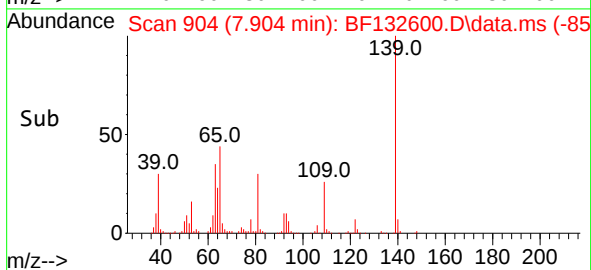
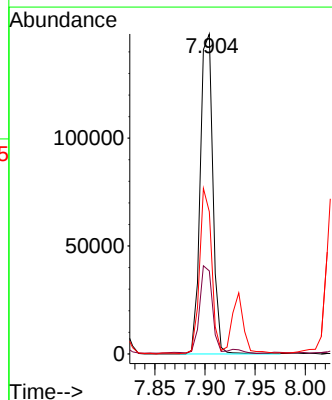
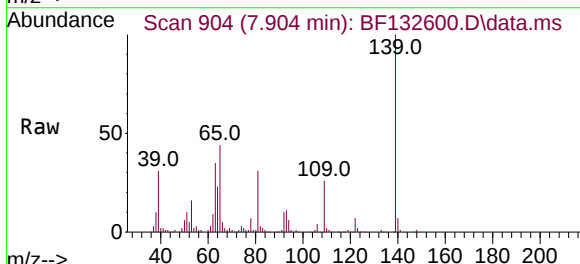
Manual Integrations
APPROVED

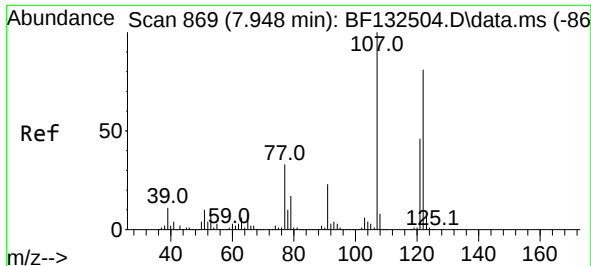
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#26
2-Nitrophenol
Concen: 19.272 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

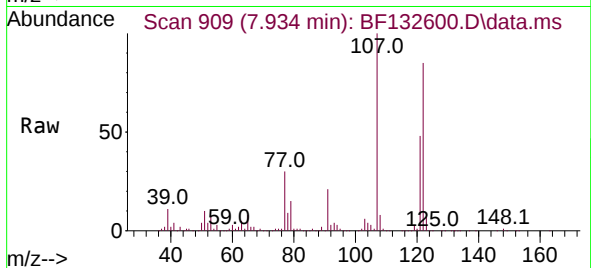
Tgt Ion:139 Resp: 129823
Ion Ratio Lower Upper
139 100
109 25.9 26.2 39.2#
65 44.4 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 20.532 ng
RT: 7.934 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

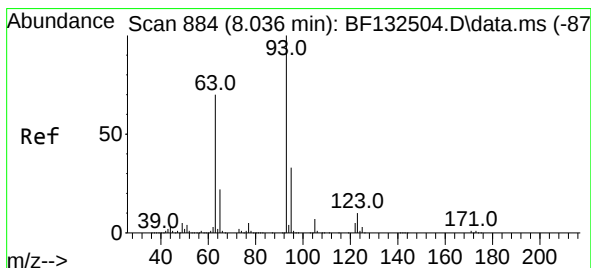
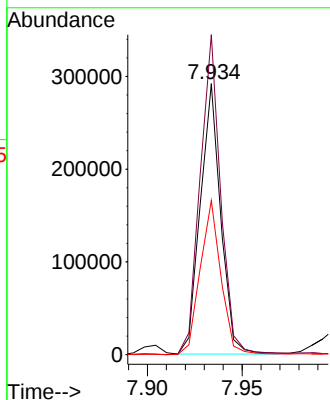
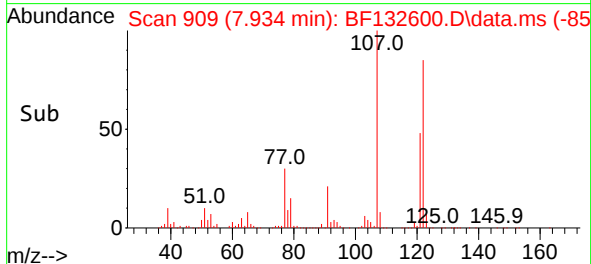
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion: 122 Resp: 218297
Ion Ratio Lower Upper
122 100
107 118.1 98.7 148.1
121 56.8 45.8 68.6

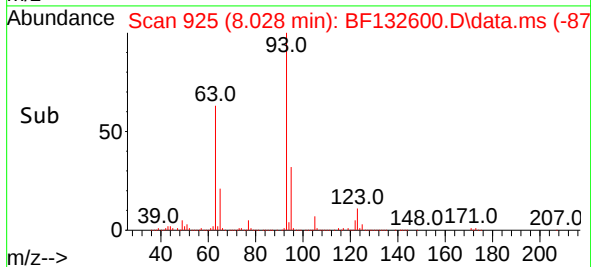
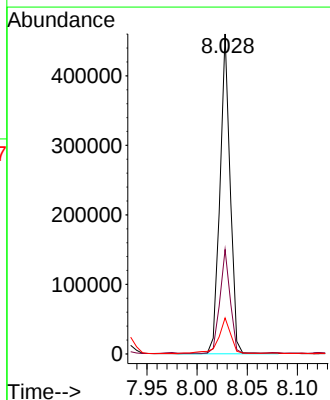
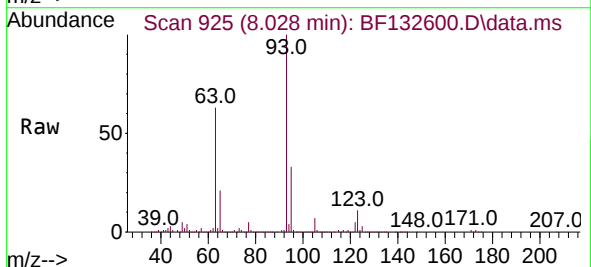
Manual Integrations
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Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#28
bis(2-Chloroethoxy)methane
Concen: 20.423 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

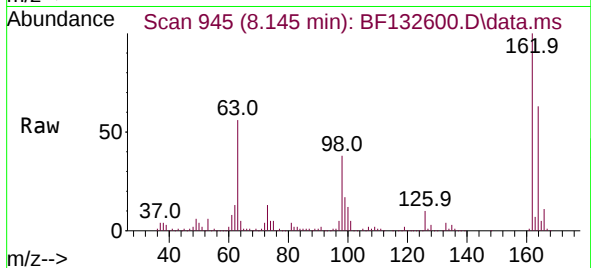
Tgt Ion: 93 Resp: 326999
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 11.2 8.3 12.5





#29
2,4-Dichlorophenol
Concen: 19.386 ng
RT: 8.145 min Scan# 945
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

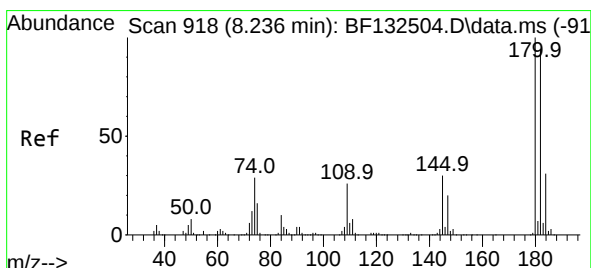
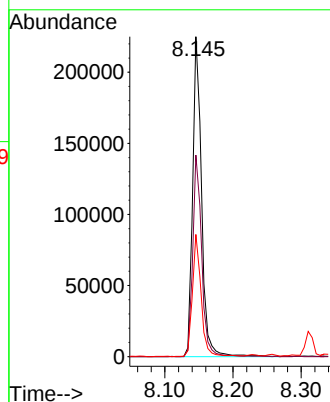
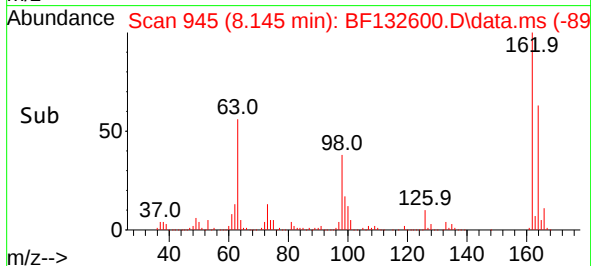
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:162 Resp: 205027
Ion Ratio Lower Upper
162 100
164 63.0 45.3 85.3
98 38.2 17.9 57.9

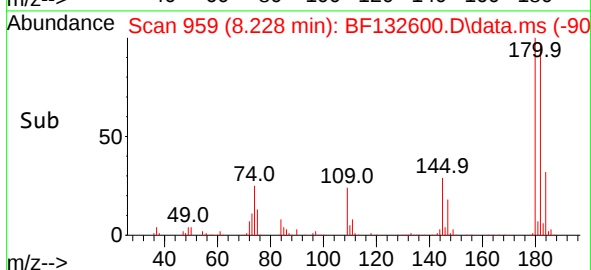
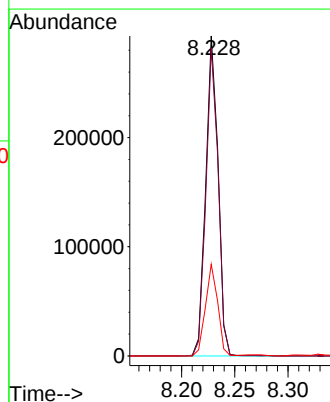
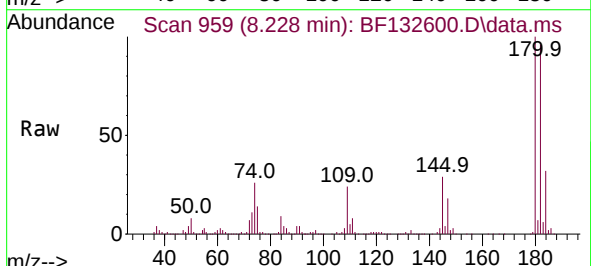
Manual Integrations
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Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#30
1,2,4-Trichlorobenzene
Concen: 20.543 ng
RT: 8.228 min Scan# 959
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

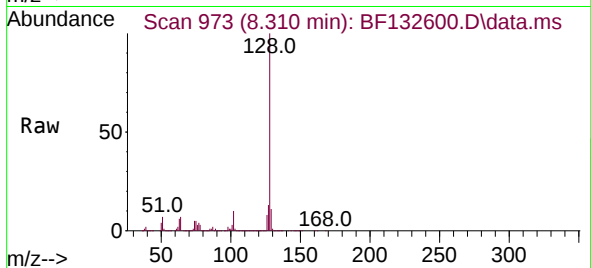
Tgt Ion:180 Resp: 235917
Ion Ratio Lower Upper
180 100
182 96.2 75.1 112.7
145 28.7 23.8 35.6





#31
Naphthalene
Concen: 27.271 ng
RT: 8.310 min Scan# 911
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

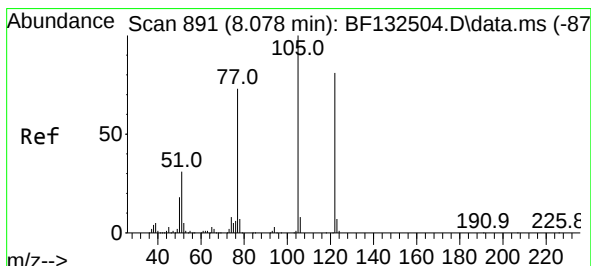
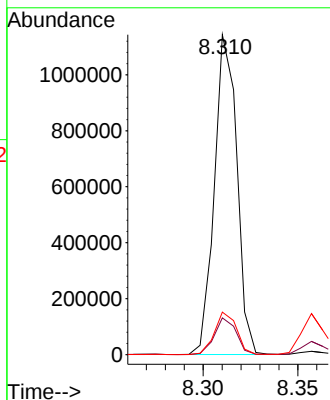
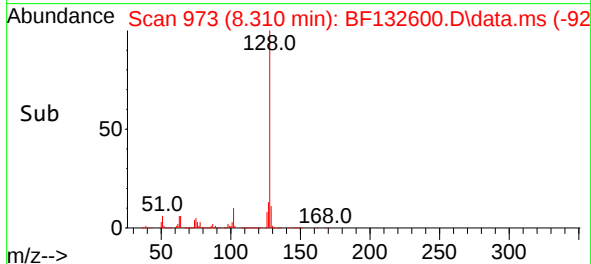
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



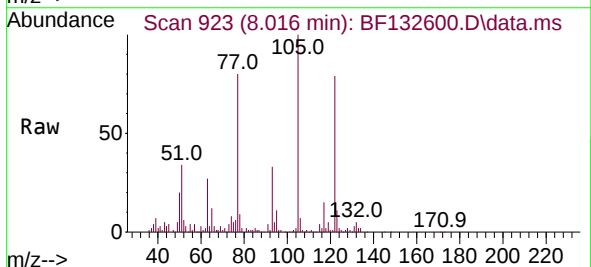
Tgt Ion:128 Resp: 945585
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 11.0 16.6

Manual Integrations
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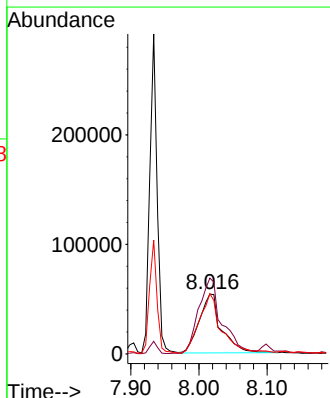
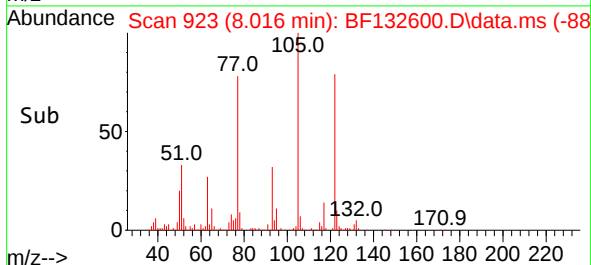
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

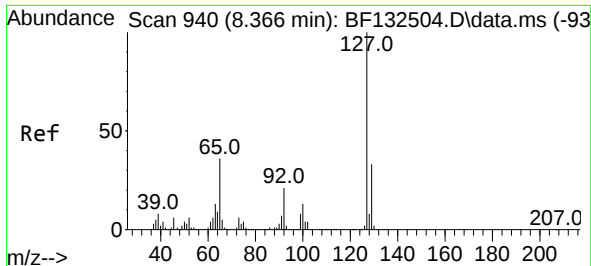


#32
Benzoic acid
Concen: 17.197 ng
RT: 8.016 min Scan# 923
Delta R.T. -0.050 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



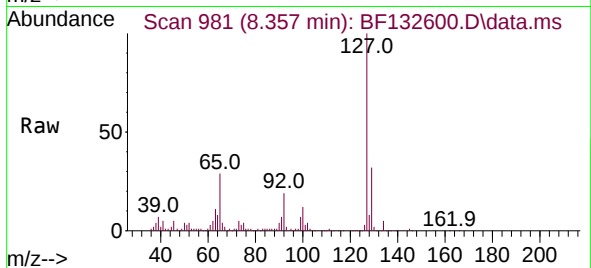
Tgt Ion:122 Resp: 121667
Ion Ratio Lower Upper
122 100
105 126.6 102.6 142.6
77 100.7 70.2 110.2





#33
4-Chloroaniline
Concen: 8.850 ng
RT: 8.357 min Scan# 981
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

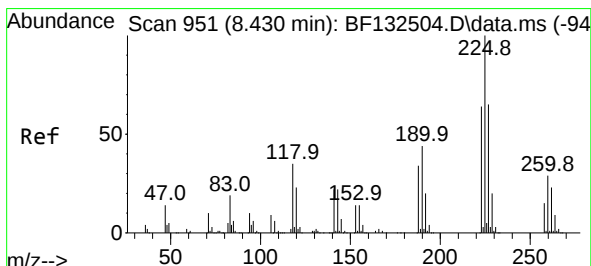
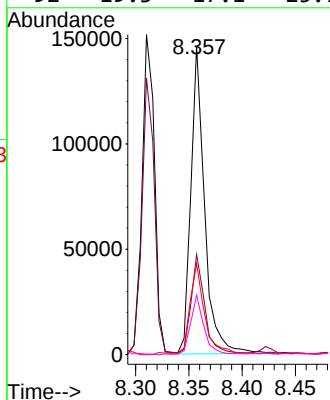
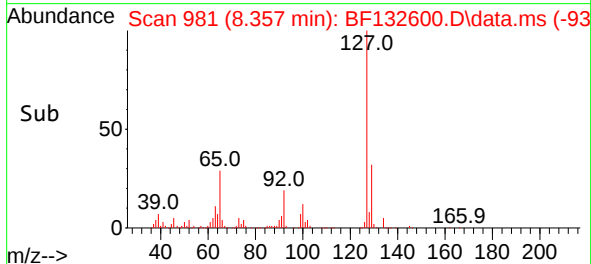
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:127 Resp: 131493
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 29.5 28.8 43.2
92 19.3 17.1 25.7

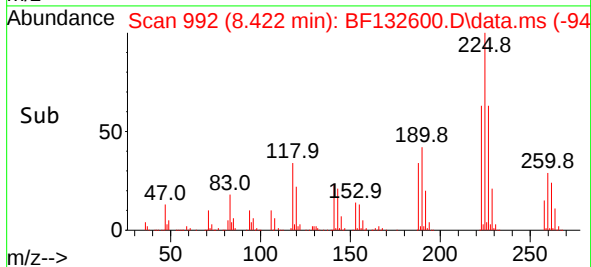
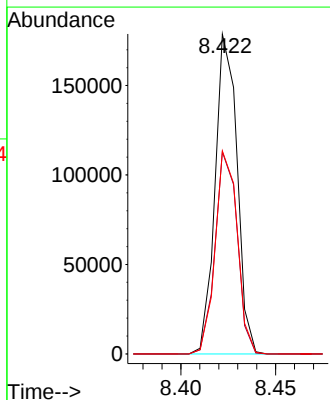
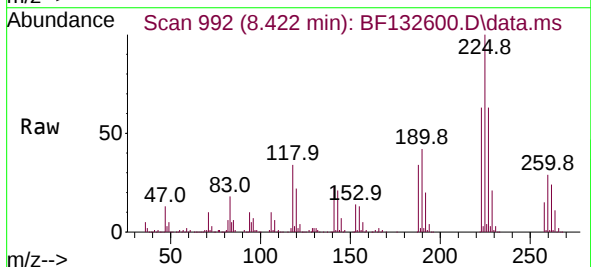
Manual Integrations
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Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#34
Hexachlorobutadiene
Concen: 19.748 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

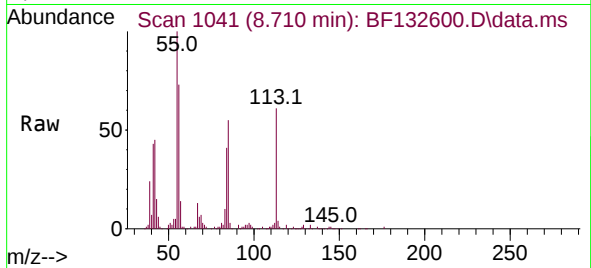
Tgt Ion:225 Resp: 144117
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.4
227 63.4 51.7 77.5





#35
 Caprolactam
 Concen: 17.696 ng m
 RT: 8.710 min Scan# 10
 Delta R.T. -0.032 min
 Lab File: BF132600.D
 Acq: 01 Mar 2023 19:55

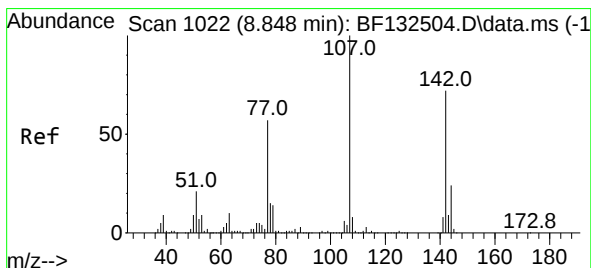
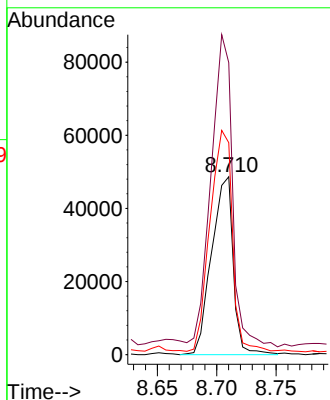
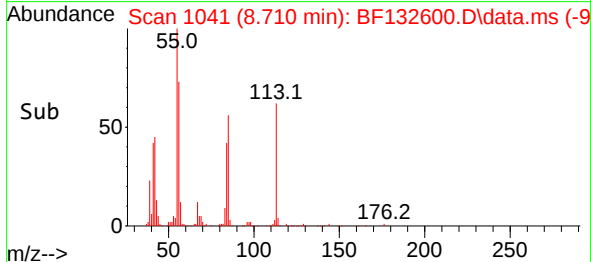
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MSD



Tgt Ion:113 Resp: 61700
 Ion Ratio Lower Upper
 113 100
 55 164.2 149.4 189.4
 56 119.2 105.0 145.0

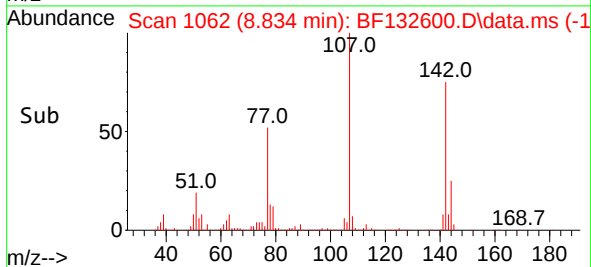
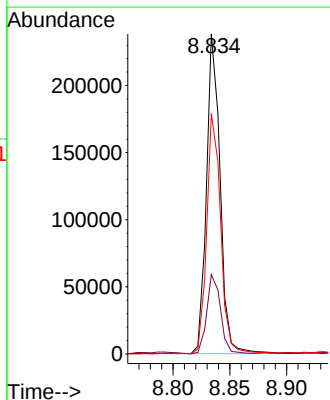
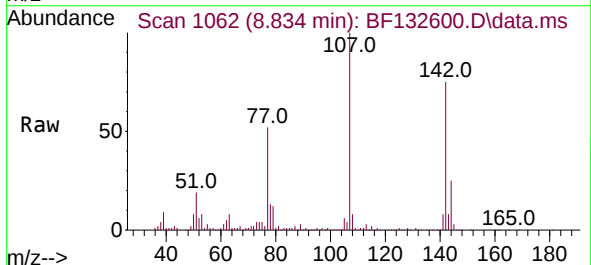
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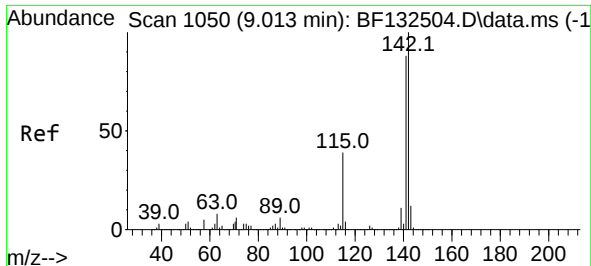
Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023



#36
 4-Chloro-3-methylphenol
 Concen: 17.199 ng
 RT: 8.834 min Scan# 1062
 Delta R.T. -0.009 min
 Lab File: BF132600.D
 Acq: 01 Mar 2023 19:55

Tgt Ion:107 Resp: 199759
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.9 28.3
 142 75.1 57.9 86.9





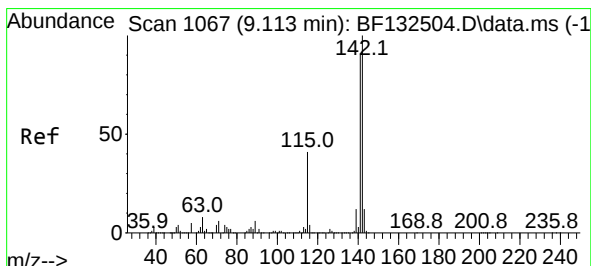
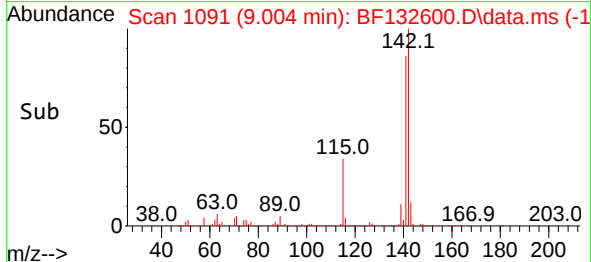
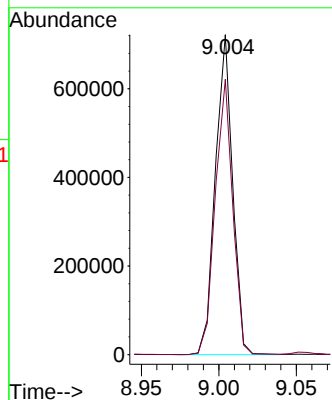
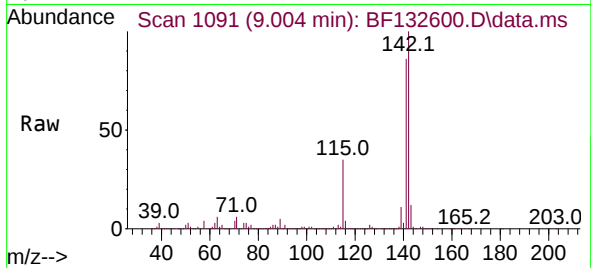
#37
2-Methylnaphthalene
Concen: 23.766 ng
RT: 9.004 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Tgt Ion:142 Resp: 561596
Ion Ratio Lower Upper
142 100
141 86.0 70.2 105.2

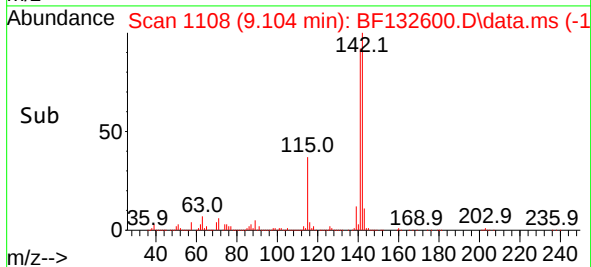
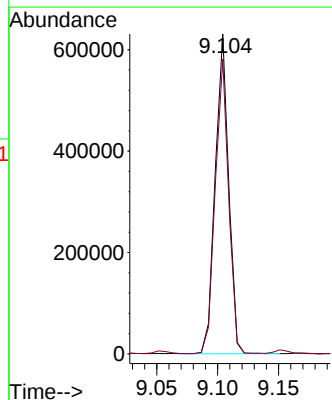
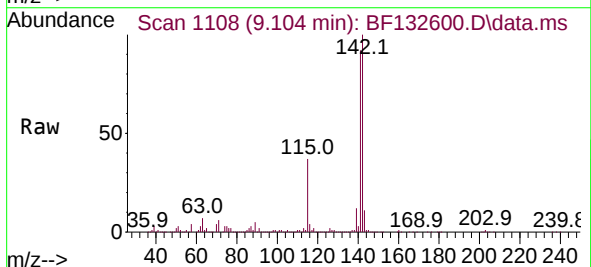
Manual Integrations
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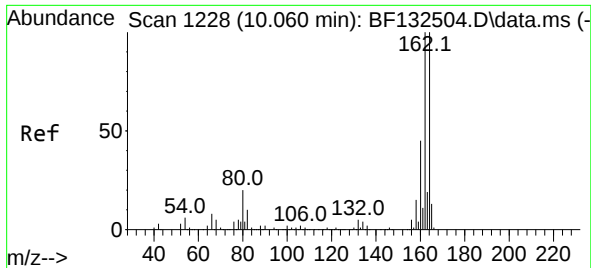
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#38
1-Methylnaphthalene
Concen: 21.988 ng
RT: 9.104 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

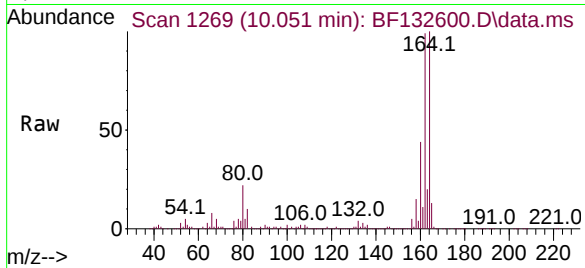
Tgt Ion:142 Resp: 485567
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

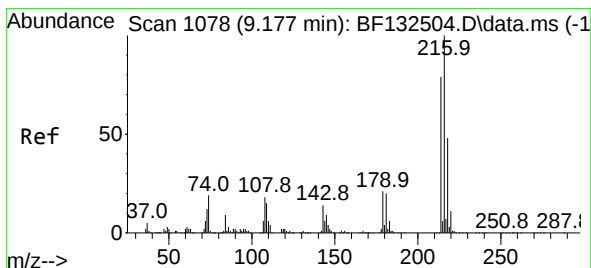
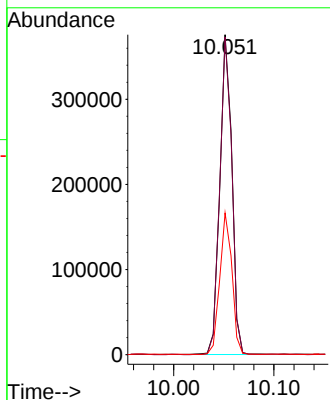
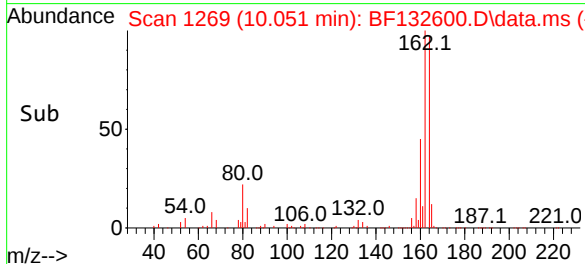
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



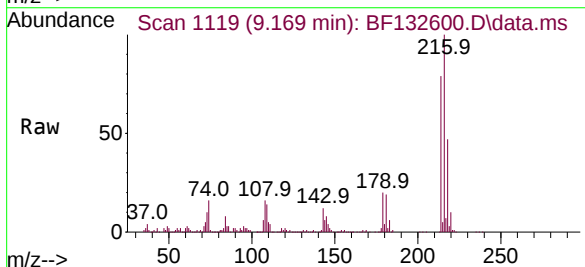
Tgt Ion:164 Resp: 313168
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.3 35.8 53.6

Manual Integrations
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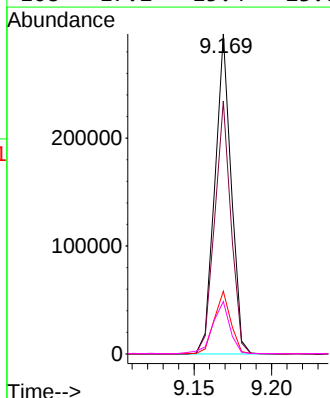
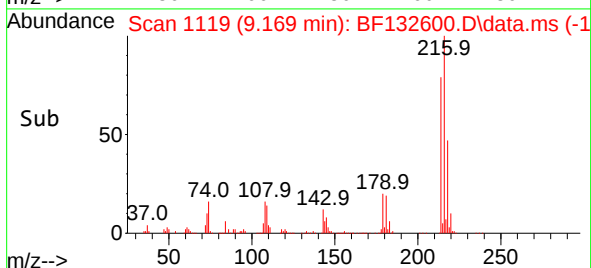
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

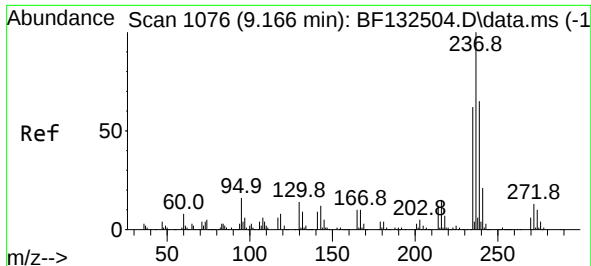


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.304 ng
RT: 9.169 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



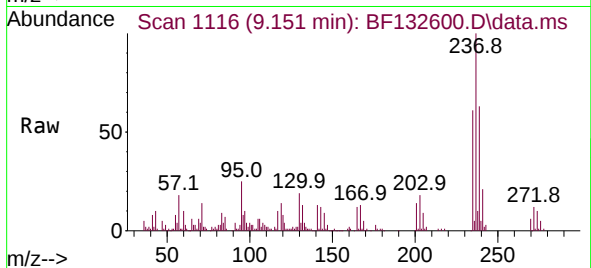
Tgt Ion:216 Resp: 218285
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 19.7 16.6 24.8
108 17.2 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 8.813 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

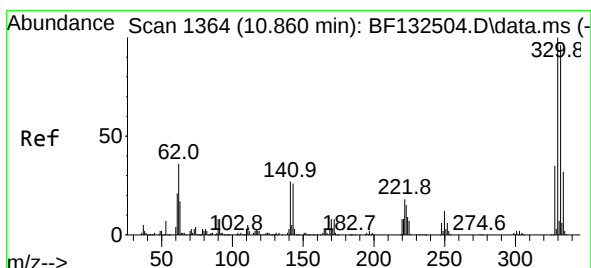
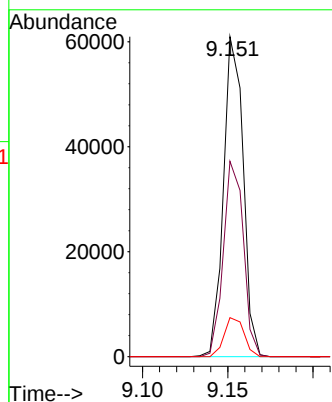
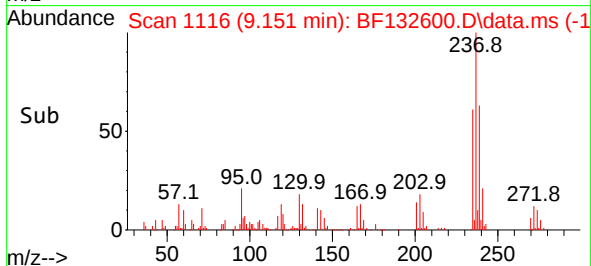
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



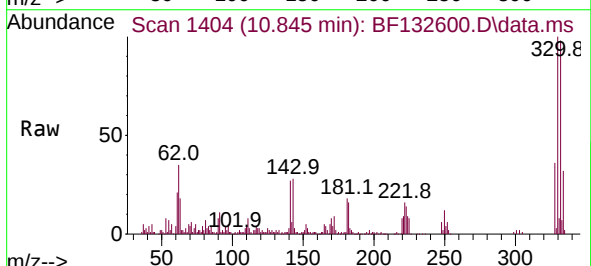
Tgt Ion: 237 Resp: 48972
Ion Ratio Lower Upper
237 100
235 61.0 42.4 82.4
272 12.2 0.0 32.7

Manual Integrations
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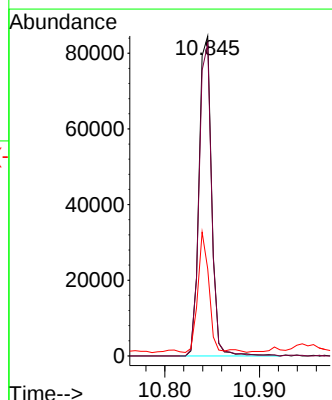
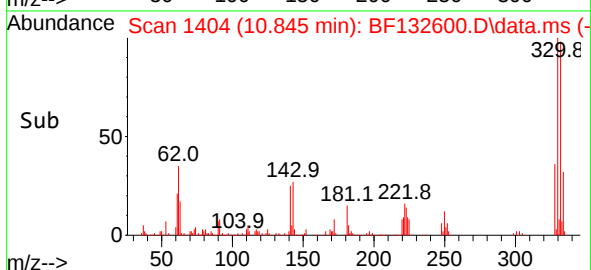
Reviewed By : Yogesh Patel 03/02/2023
Supervised By : Jagrut Upadhyay 03/02/2023

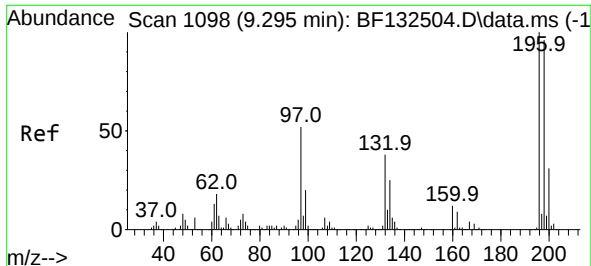


#42
2,4,6-Tribromophenol
Concen: 23.006 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



Tgt Ion: 330 Resp: 77809
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 32.6 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 19.715 ng

RT: 9.281 min Scan# 1145

Delta R.T. -0.003 min

Lab File: BF132600.D

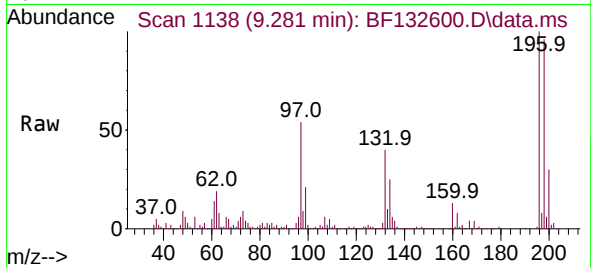
Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD



Tgt Ion:196 Resp: 136899

Ion Ratio Lower Upper

196 100

198 96.5 77.1 115.7

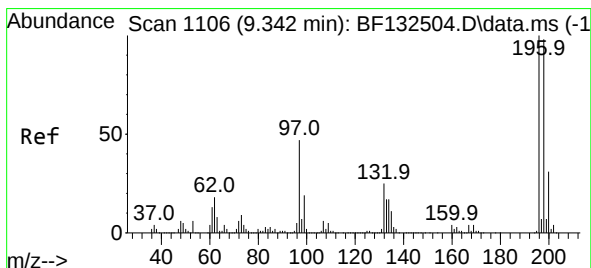
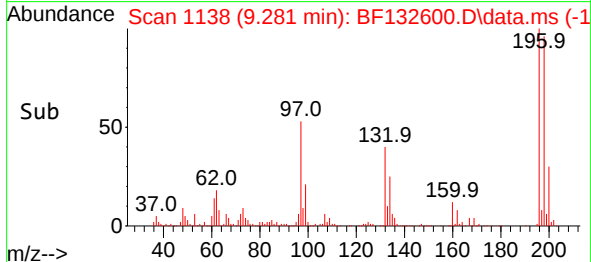
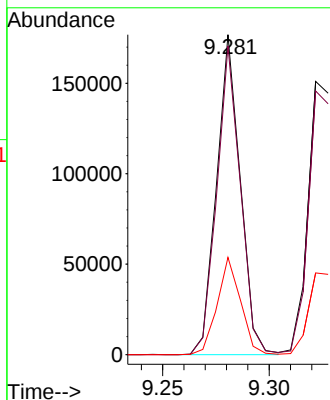
200 30.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#44

2,4,5-Trichlorophenol

Concen: 17.002 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Tgt Ion:196 Resp: 137790

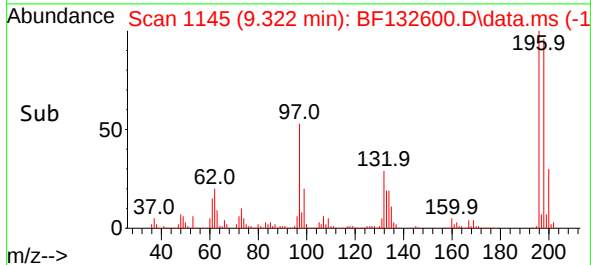
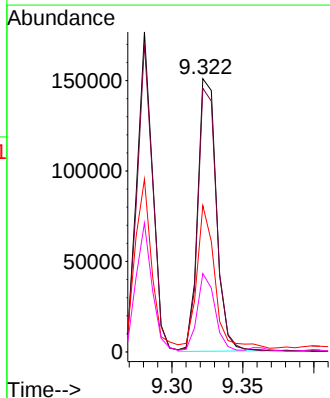
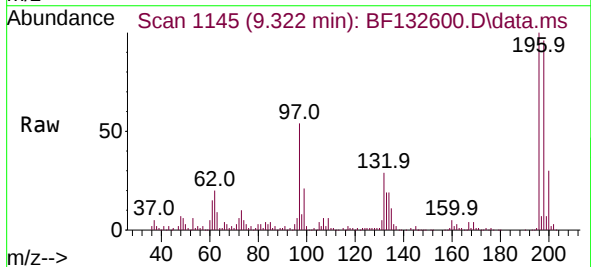
Ion Ratio Lower Upper

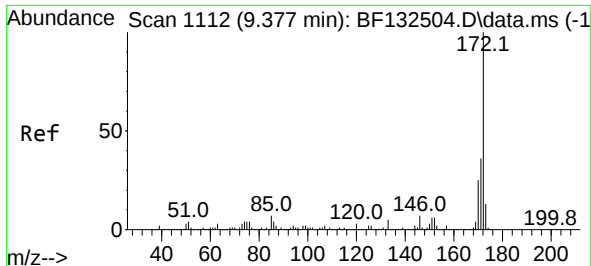
196 100

198 96.5 78.3 117.5

97 53.6 38.1 57.1

132 28.7 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 18.641 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132600.D

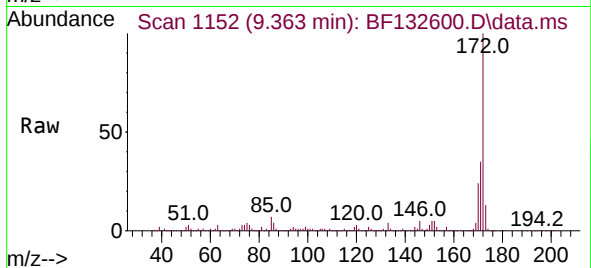
Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD



Tgt Ion:172 Resp: 383396

Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

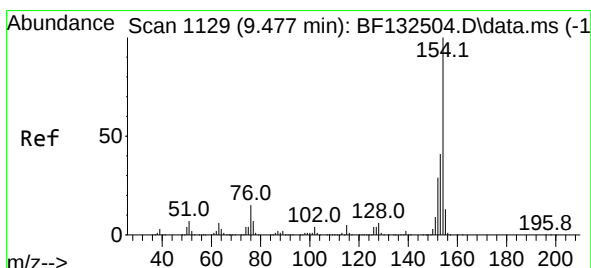
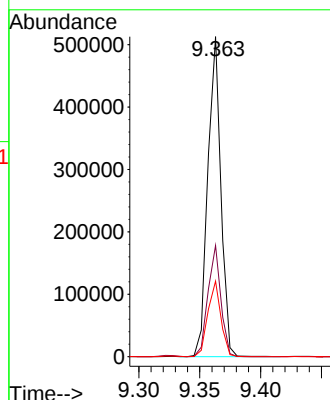
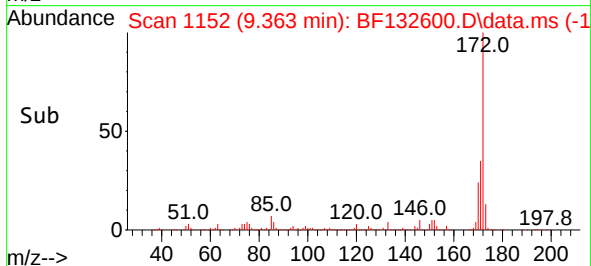
170 23.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#46

1,1'-Biphenyl

Concen: 22.828 ng

RT: 9.469 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

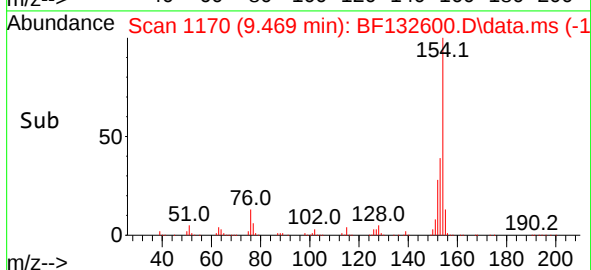
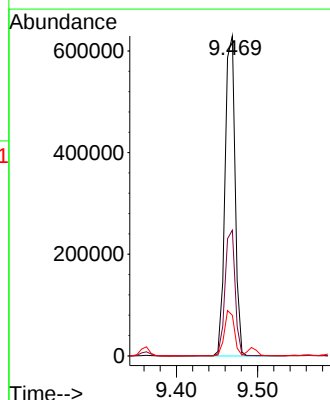
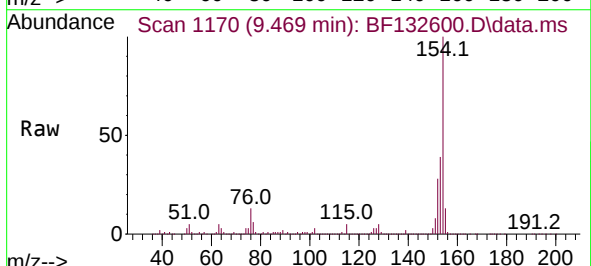
Tgt Ion:154 Resp: 541086

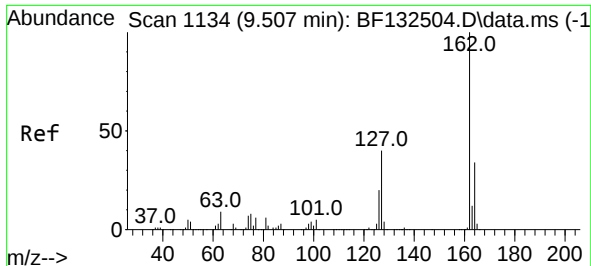
Ion Ratio Lower Upper

154 100

153 39.3 20.9 60.9

76 12.7 0.0 34.7





#47

2-Chloronaphthalene

Concen: 21.041 ng

RT: 9.492 min Scan# 1134

Delta R.T. -0.009 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD

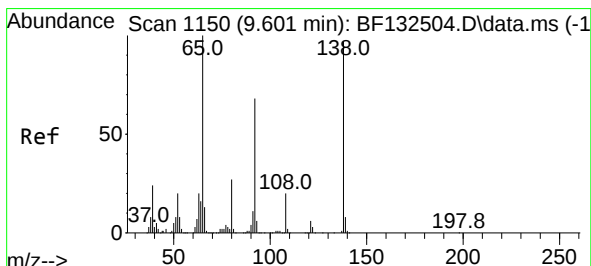
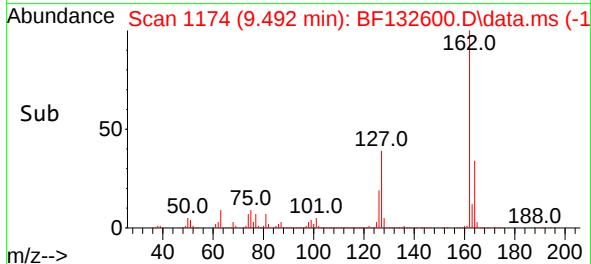
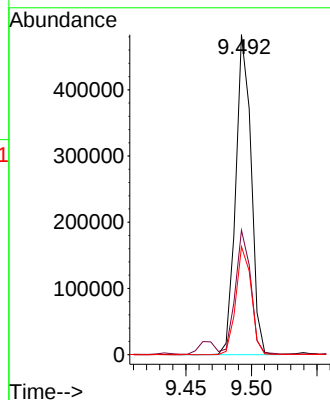
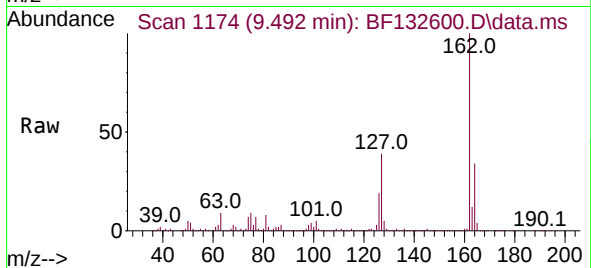
Tgt Ion:162 Resp: 395422
 Ion Ratio Lower Upper
 162 100
 127 38.9 32.3 48.5
 164 33.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#48

2-Nitroaniline

Concen: 17.114 ng

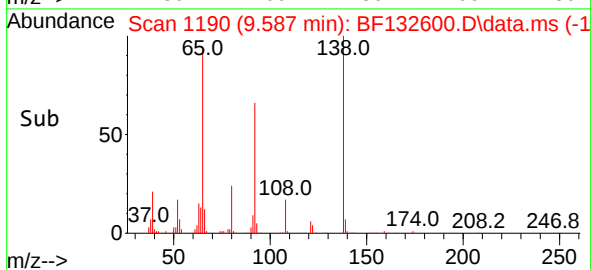
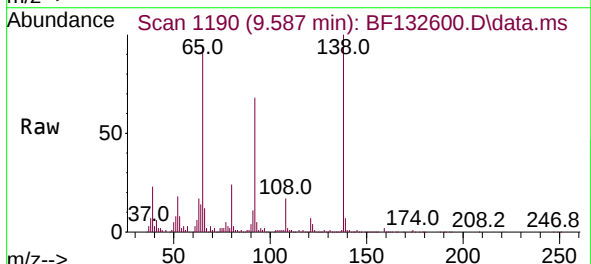
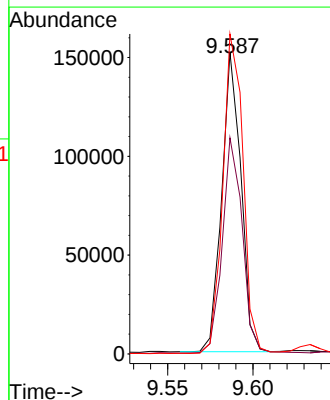
RT: 9.587 min Scan# 1190

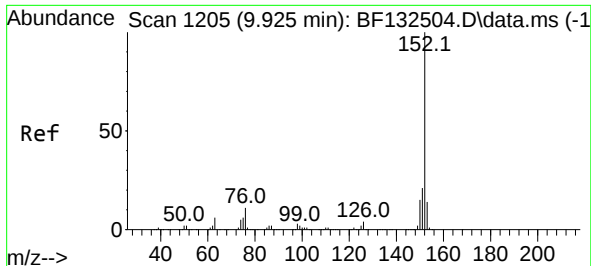
Delta R.T. -0.009 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Tgt Ion: 65 Resp: 118456
 Ion Ratio Lower Upper
 65 100
 92 71.6 54.5 81.7
 138 106.1 77.2 115.8





#49

Acenaphthylene

Concen: 21.148 ng

RT: 9.910 min Scan# 1205

Delta R.T. -0.009 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD

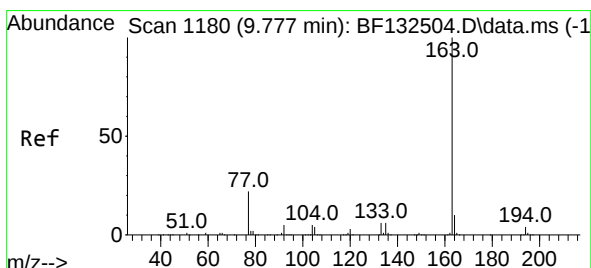
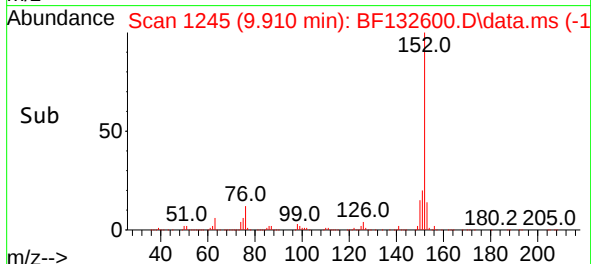
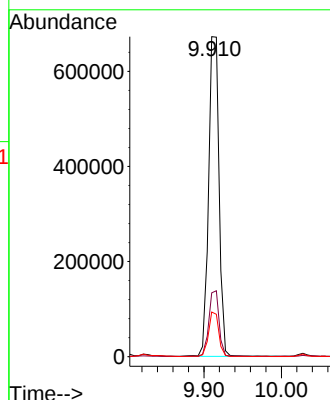
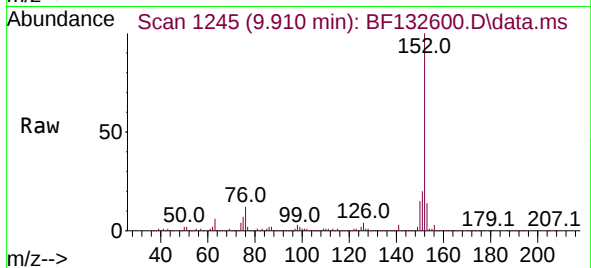
Tgt Ion:152 Resp: 632533
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.4 24.6
 153 13.9 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#50

Dimethylphthalate

Concen: 20.201 ng

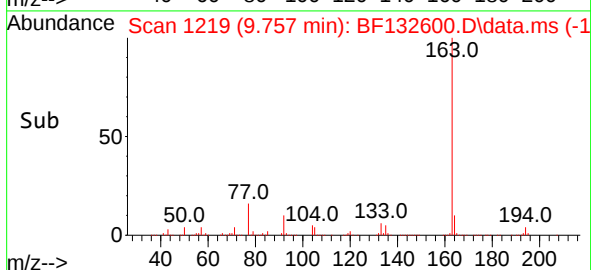
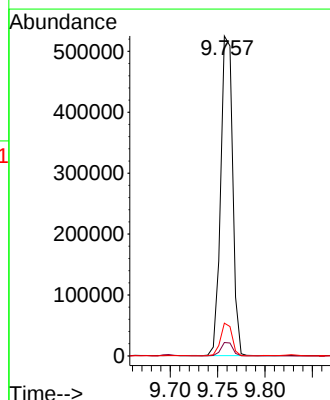
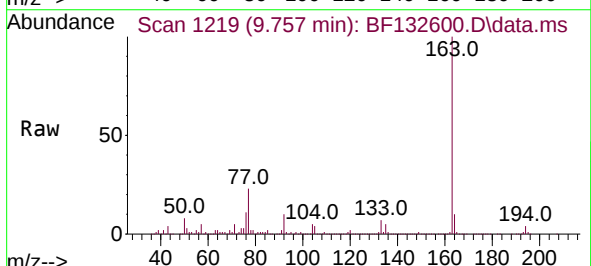
RT: 9.757 min Scan# 1219

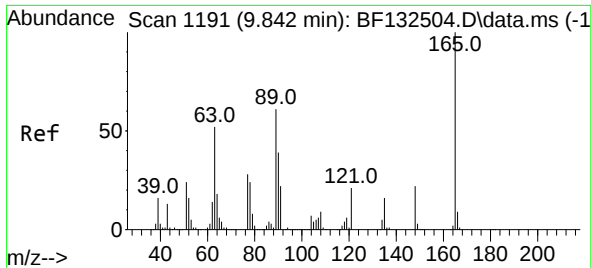
Delta R.T. -0.014 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Tgt Ion:163 Resp: 460641
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 10.2 8.3 12.5





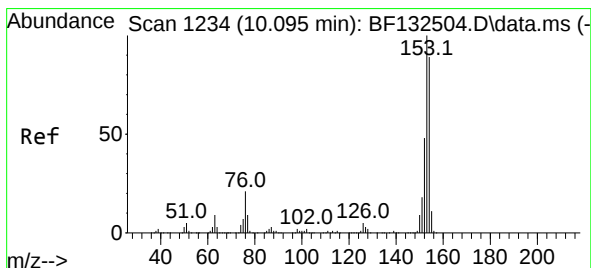
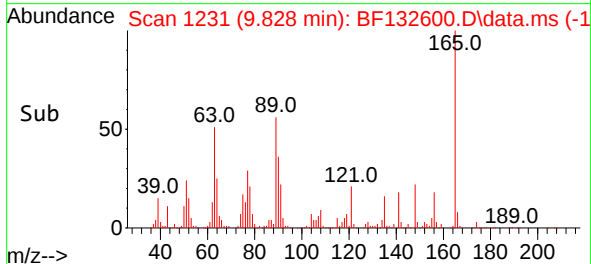
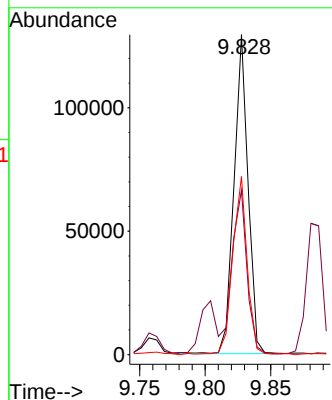
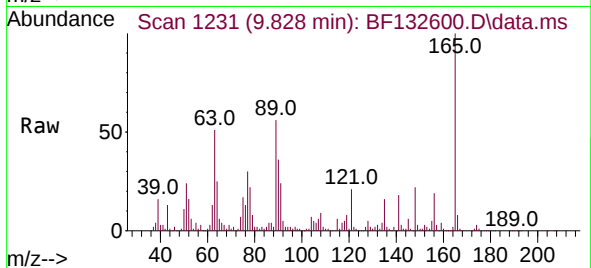
#51
2,6-Dinitrotoluene
Concen: 18.568 ng
RT: 9.828 min Scan# 1191
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Tgt Ion:165 Resp: 96426
Ion Ratio Lower Upper
165 100
63 51.4 47.3 70.9
89 55.6 48.9 73.3

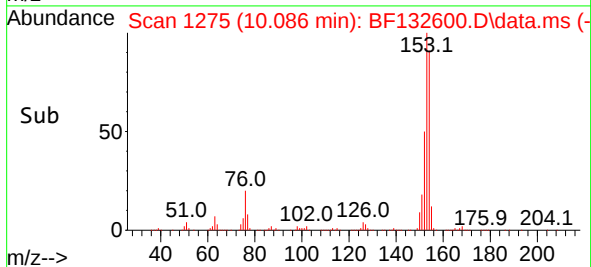
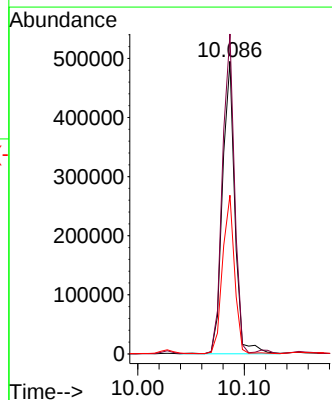
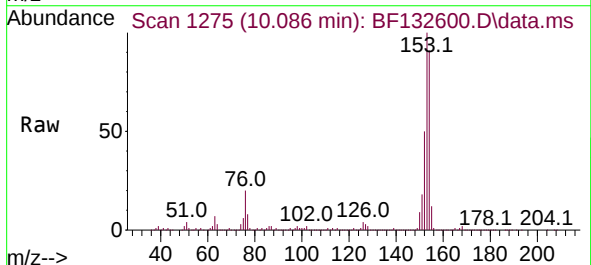
Manual Integrations
APPROVED

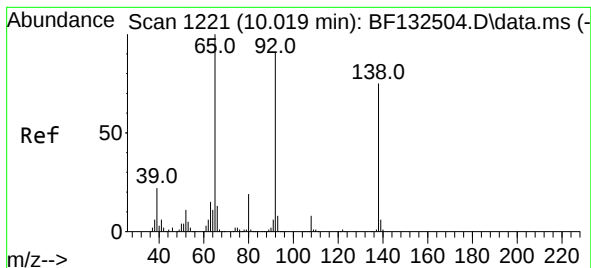
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#52
Acenaphthene
Concen: 21.091 ng
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

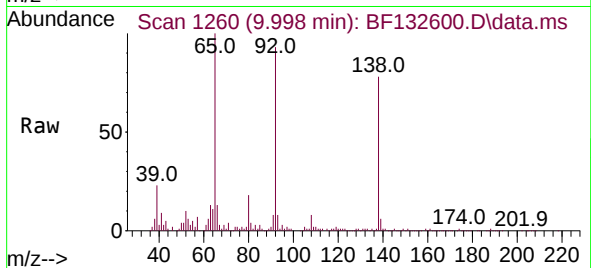
Tgt Ion:154 Resp: 400558
Ion Ratio Lower Upper
154 100
153 109.4 89.8 134.8
152 54.2 43.3 64.9





#53
3-Nitroaniline
Concen: 14.450 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

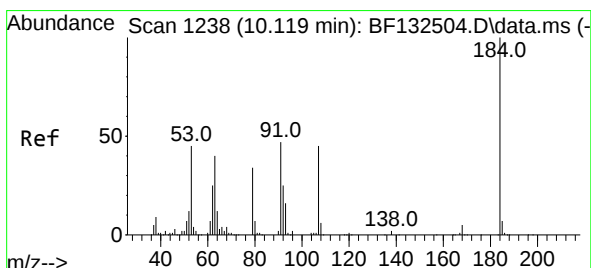
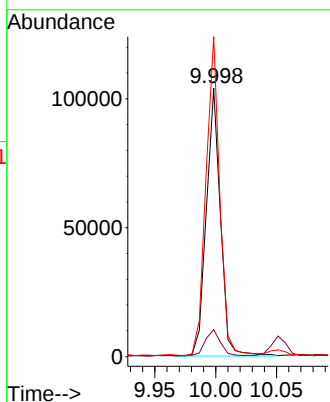
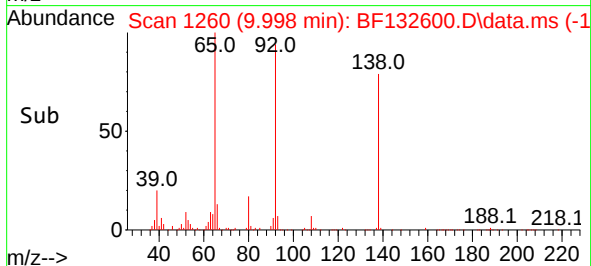
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:138 Resp: 83942
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 119.2 97.2 145.8

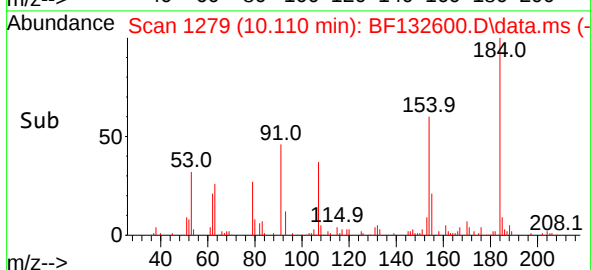
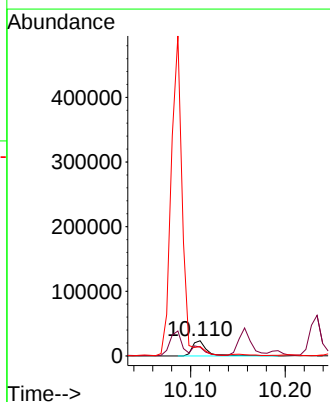
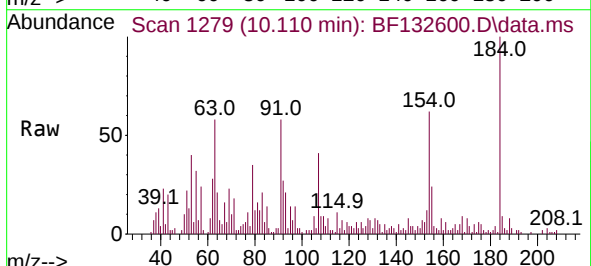
Manual Integrations
APPROVED

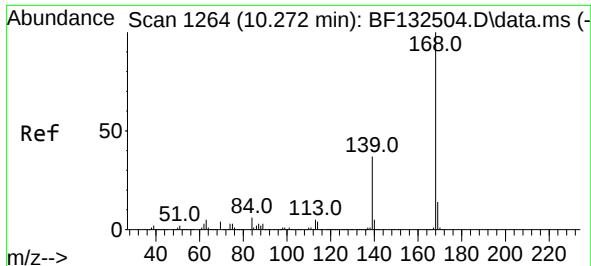
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#54
2,4-Dinitrophenol
Concen: 9.228 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

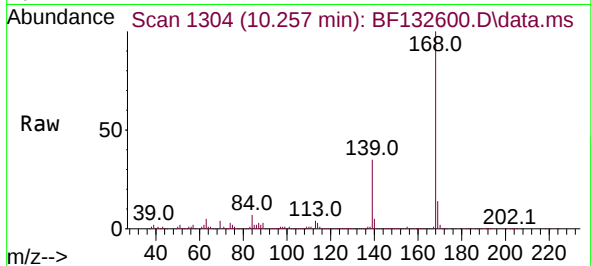
Tgt Ion:184 Resp: 24731
Ion Ratio Lower Upper
184 100
63 57.7 51.4 77.2
154 61.6 48.3 72.5





#55
Dibenzenofuran
Concen: 21.522 ng
RT: 10.257 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

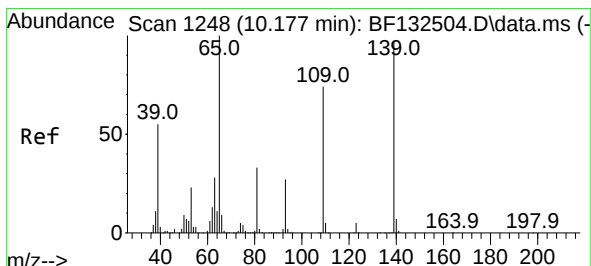
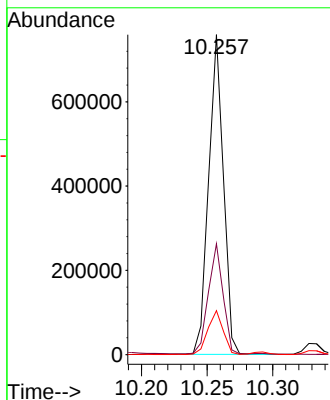
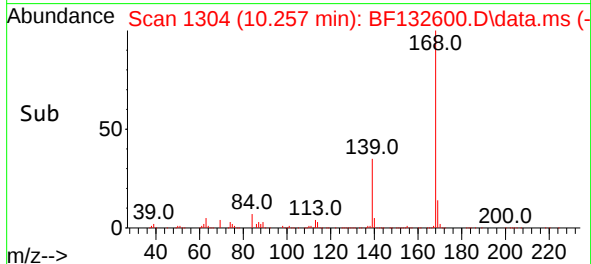
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:168 Resp: 595878
Ion Ratio Lower Upper
168 100
139 34.6 29.8 44.6
169 13.7 10.9 16.3

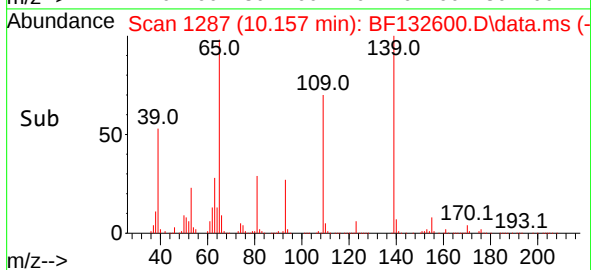
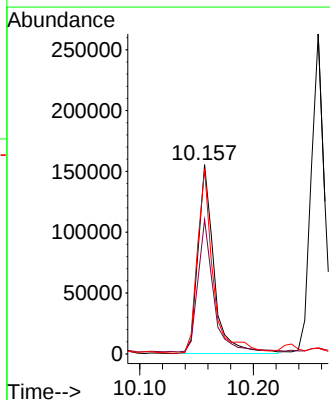
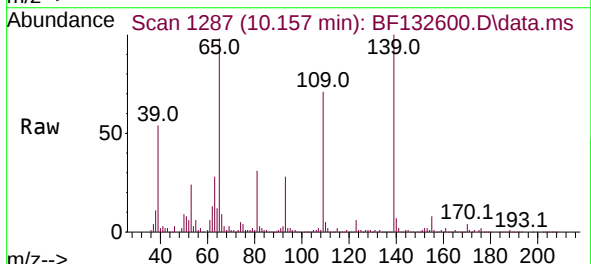
Manual Integrations
APPROVED

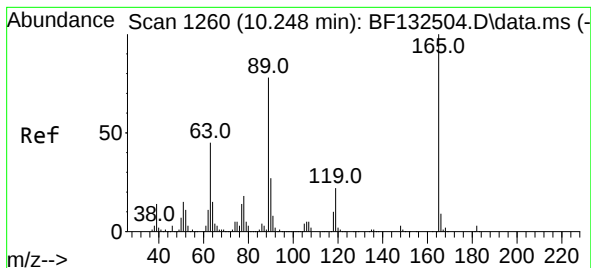
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#56
4-Nitrophenol
Concen: 34.841 ng
RT: 10.157 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

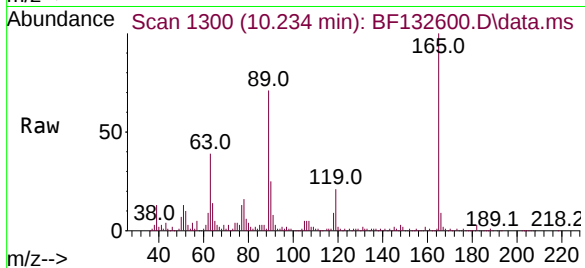
Tgt Ion:139 Resp: 150939
Ion Ratio Lower Upper
139 100
109 70.9 56.7 96.7
65 97.7 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 17.266 ng
RT: 10.234 min Scan# 1300
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

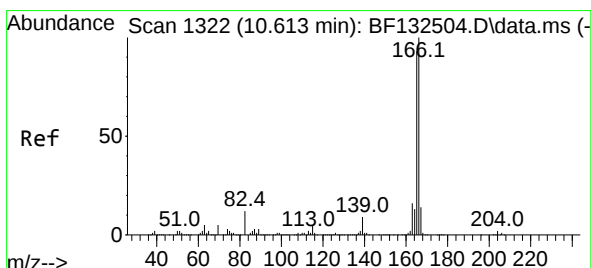
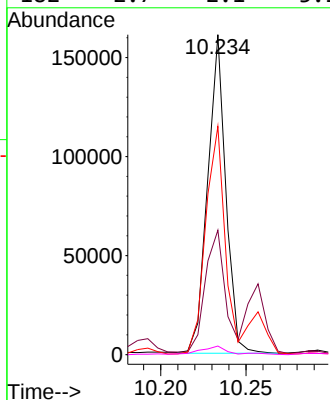
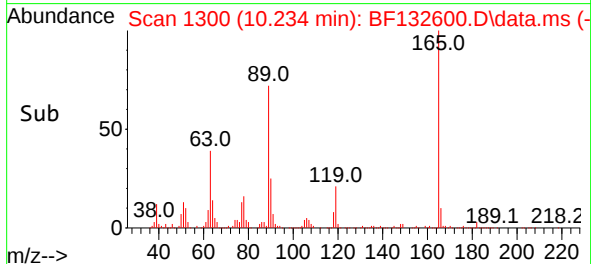
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



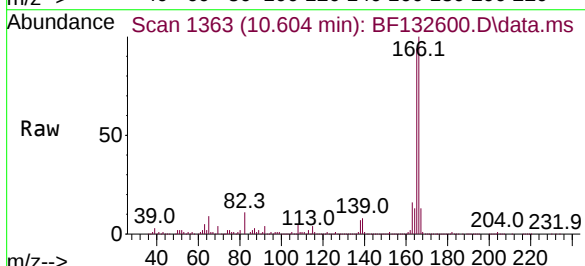
Tgt Ion:165 Resp: 119287
Ion Ratio Lower Upper
165 100
63 38.9 36.5 54.7
89 71.3 62.4 93.6
182 2.7 2.1 3.1

Manual Integrations
APPROVED

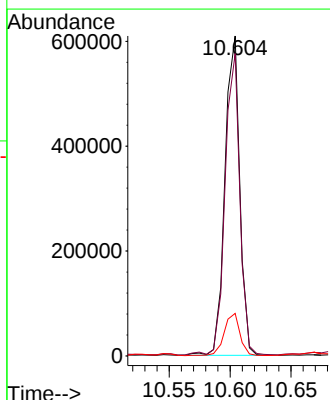
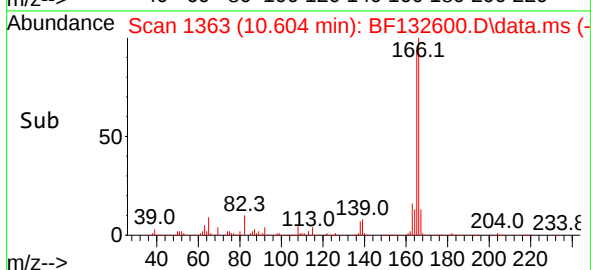
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

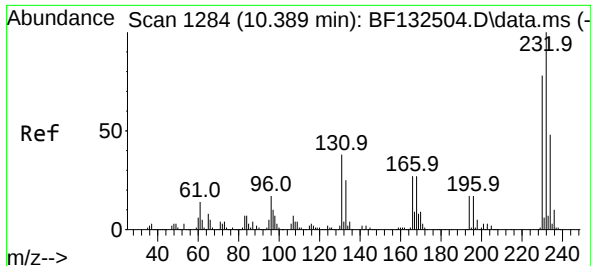


#58
Fluorene
Concen: 24.314 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



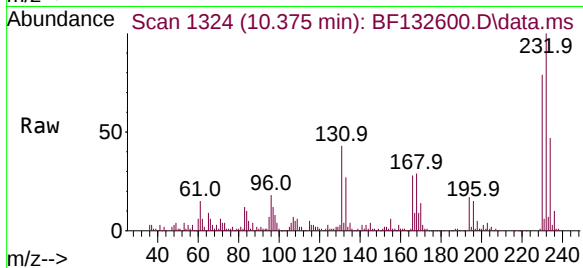
Tgt Ion:166 Resp: 514926
Ion Ratio Lower Upper
166 100
165 94.5 74.2 111.4
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.562 ng
RT: 10.375 min Scan# 1311
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

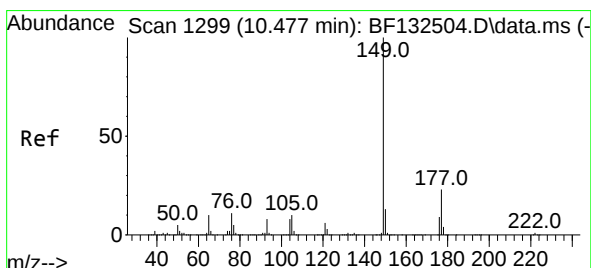
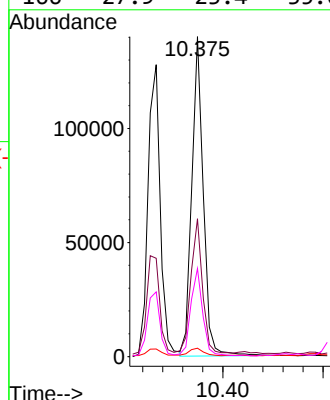
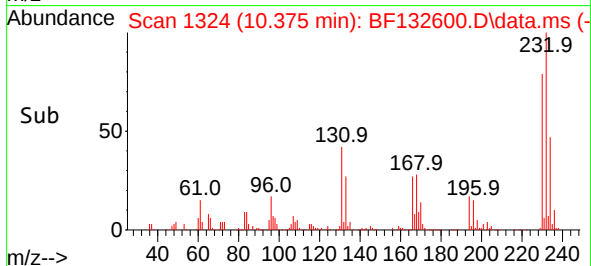
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



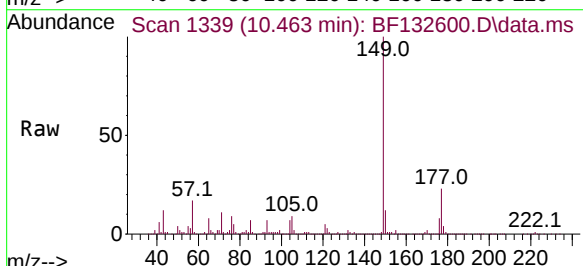
Tgt Ion:232 Resp: 111748
Ion Ratio Lower Upper
232 100
131 42.3 33.8 50.8
130 3.3 1.7 2.5
166 27.9 23.4 35.0

Manual Integrations
APPROVED

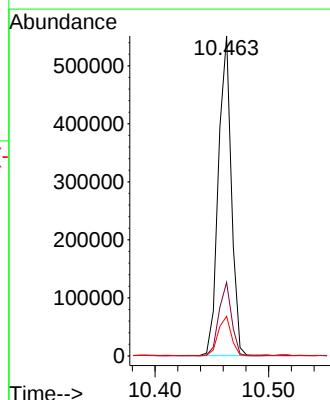
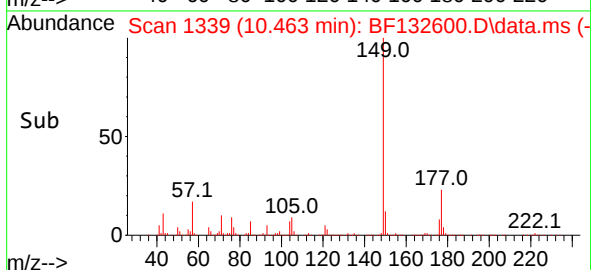
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

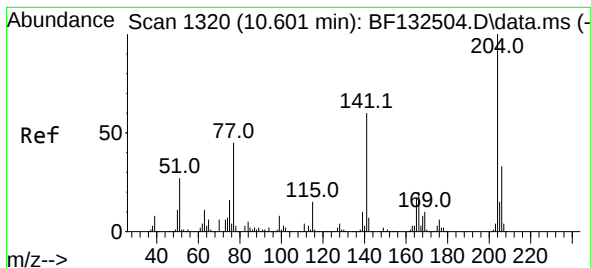


#60
Diethylphthalate
Concen: 19.498 ng
RT: 10.463 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



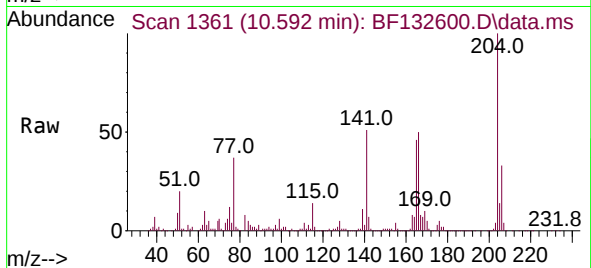
Tgt Ion:149 Resp: 434219
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 19.523 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

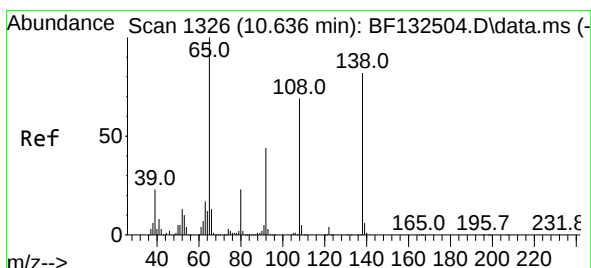
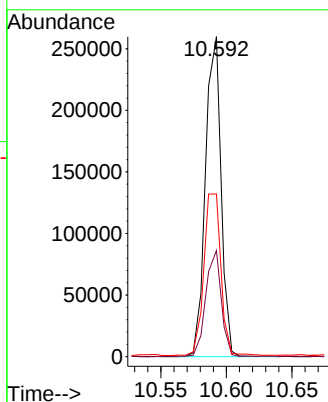
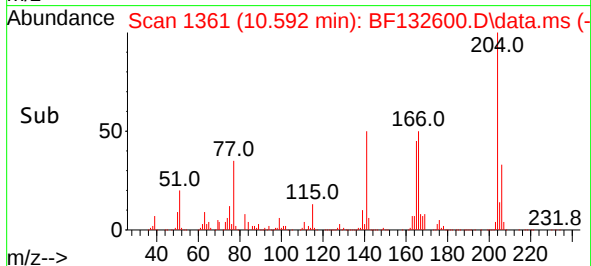
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:204 Resp: 214496
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 50.8 47.8 71.8

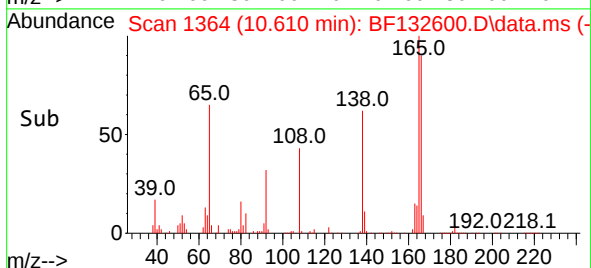
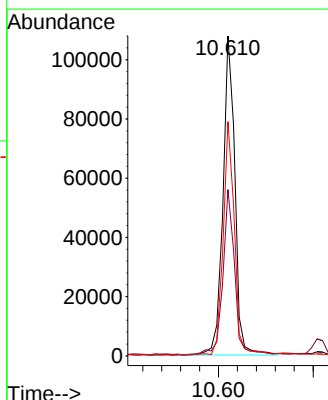
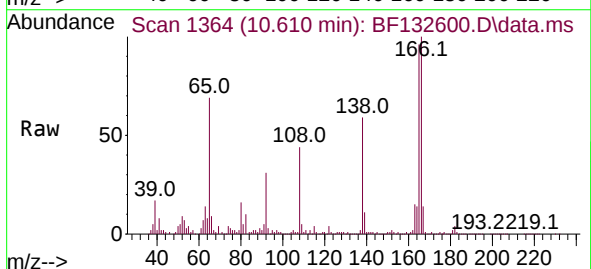
Manual Integrations
APPROVED

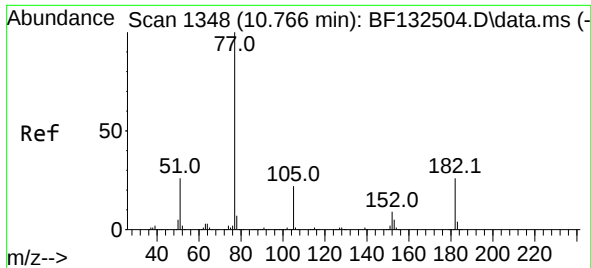
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#62
4-Nitroaniline
Concen: 16.476 ng
RT: 10.610 min Scan# 1364
Delta R.T. -0.020 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

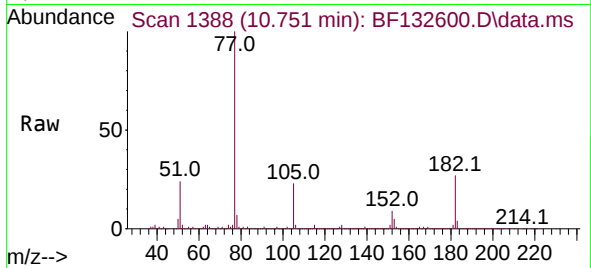
Tgt Ion:138 Resp: 93953
Ion Ratio Lower Upper
138 100
92 52.0 33.8 73.8
108 73.2 63.7 103.7





#63
Azobenzene
Concen: 19.664 ng
RT: 10.751 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

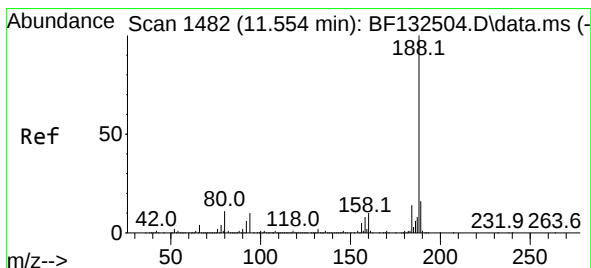
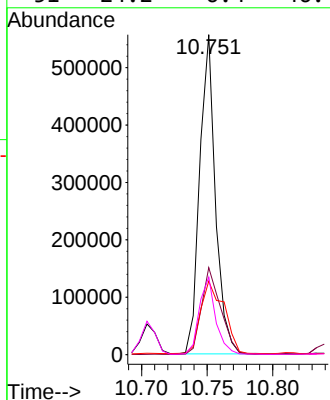
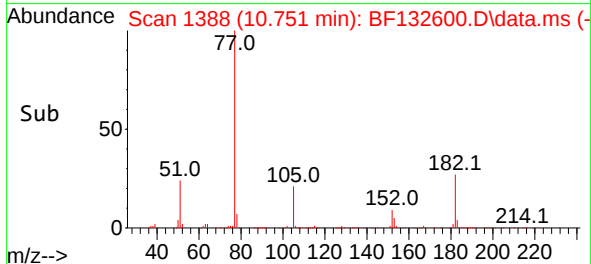
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



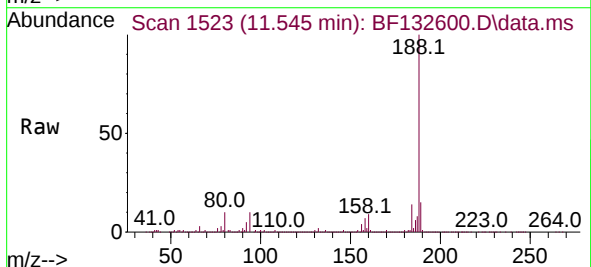
Tgt Ion: 77 Resp: 463792
Ion Ratio Lower Upper
77 100
182 27.2 5.5 45.5
105 22.9 1.8 41.8
51 24.2 6.4 46.4

Manual Integrations
APPROVED

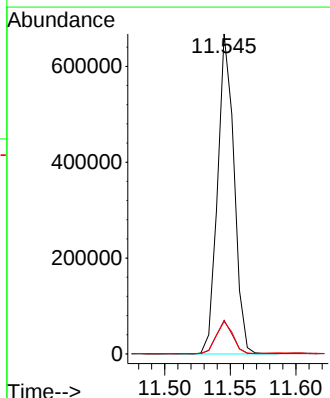
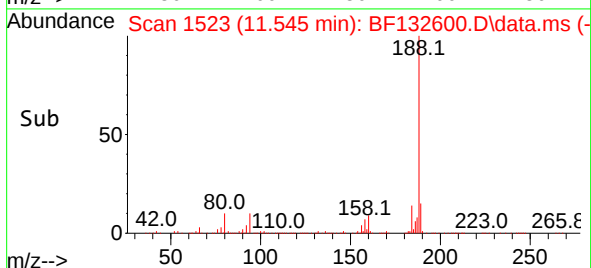
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

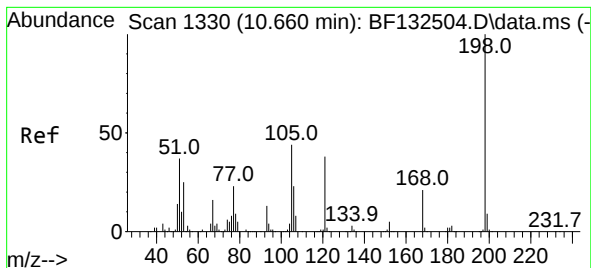


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



Tgt Ion:188 Resp: 585264
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 10.2 8.7 13.1





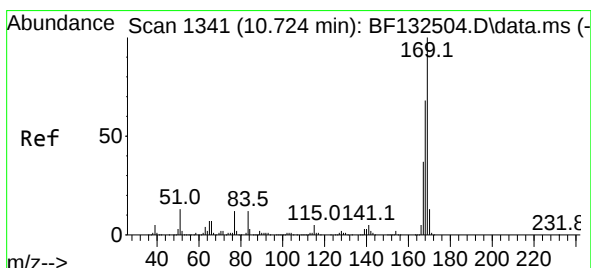
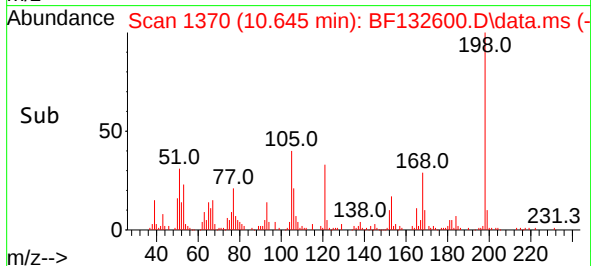
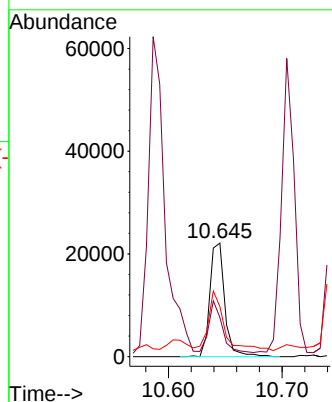
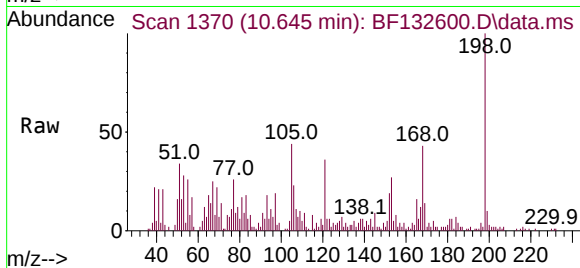
#65
4,6-Dinitro-2-methylphenol
Concen: 5.097 ng
RT: 10.645 min Scan# 1318
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Tgt Ion:198 Resp: 20196
Ion Ratio Lower Upper
198 100
51 34.5 20.6 60.6
105 44.1 24.3 64.3

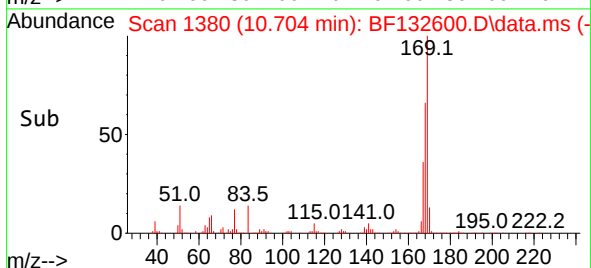
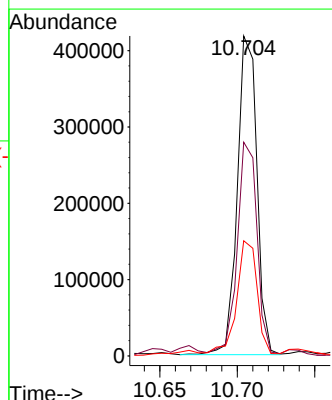
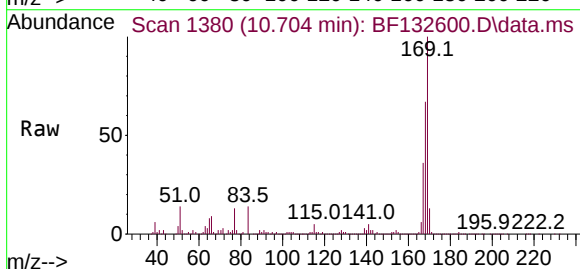
Manual Integrations
APPROVED

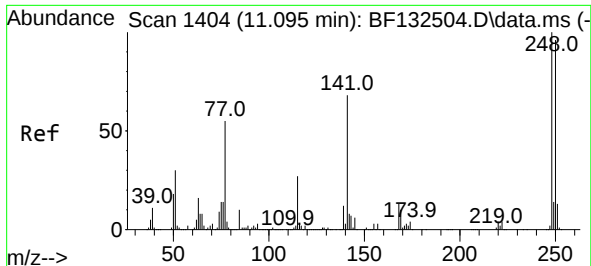
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#66
n-Nitrosodiphenylamine
Concen: 20.130 ng
RT: 10.704 min Scan# 1380
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

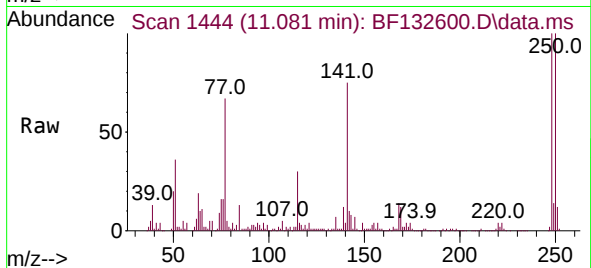
Tgt Ion:169 Resp: 367296
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 36.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 19.158 ng
RT: 11.081 min Scan# 1404
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

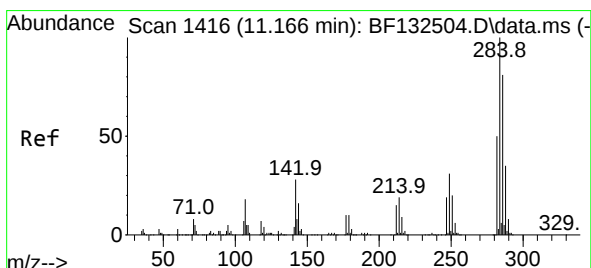
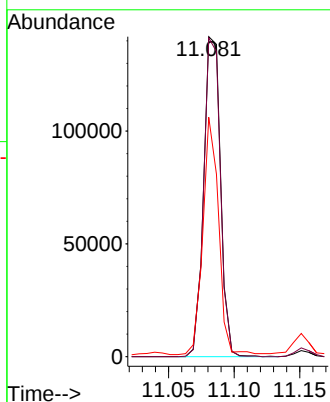
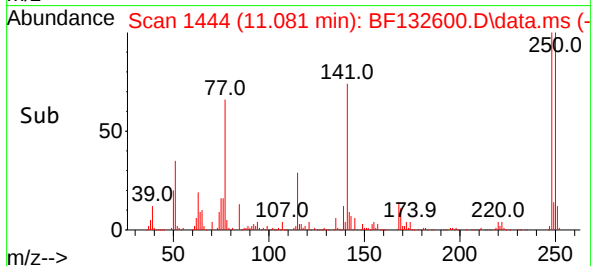
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:248 Resp: 126829
Ion Ratio Lower Upper
248 100
250 99.6 77.0 115.4
141 74.8 54.2 81.2

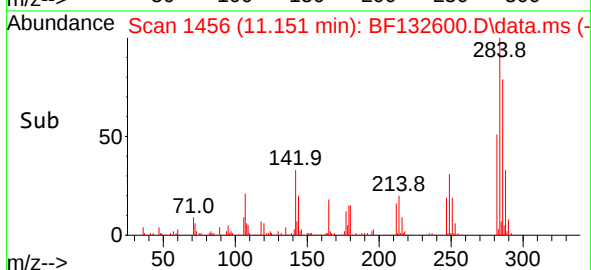
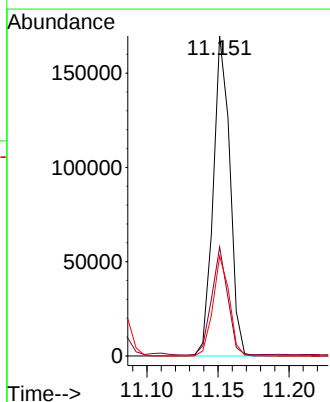
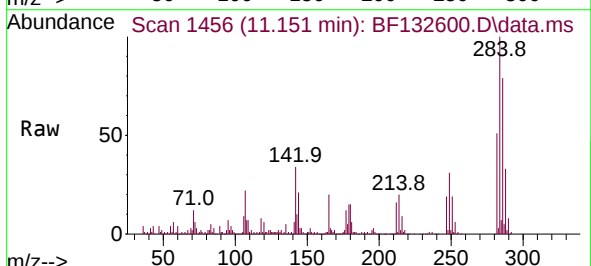
Manual Integrations
APPROVED

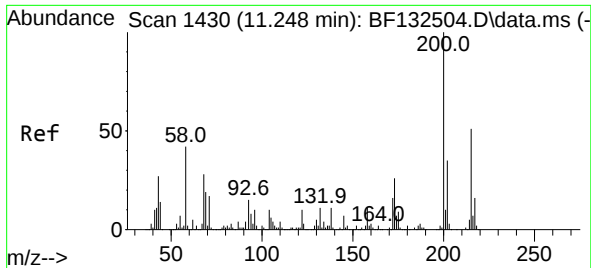
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#68
Hexachlorobenzene
Concen: 19.888 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion:284 Resp: 138544
Ion Ratio Lower Upper
284 100
142 34.0 22.2 33.4#
249 31.2 24.9 37.3





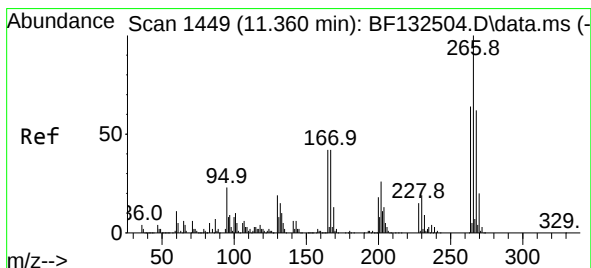
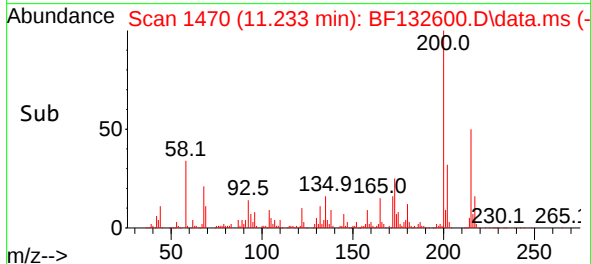
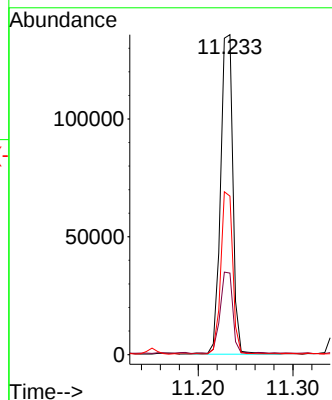
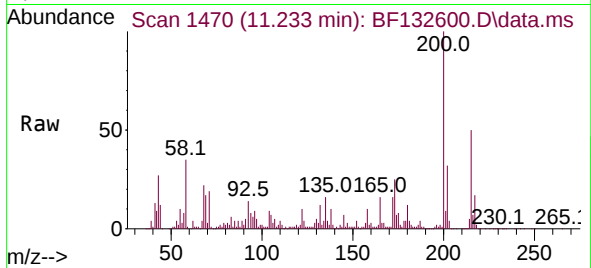
#69
 Atrazine
 Concen: 21.402 ng
 RT: 11.233 min Scan# 1430
 Delta R.T. -0.003 min
 Lab File: BF132600.D
 Acq: 01 Mar 2023 19:55

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MSD

Tgt Ion:200 Resp: 121908
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.4 46.4
 215 49.5 31.0 71.0

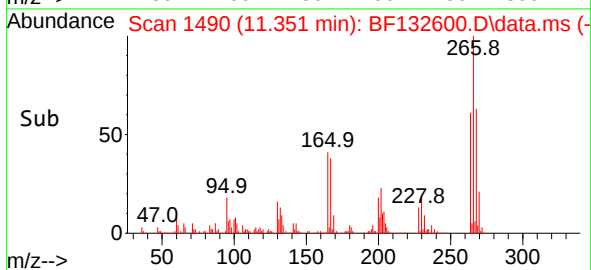
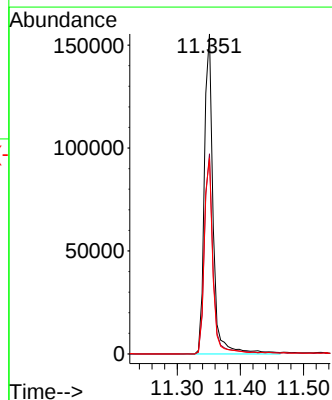
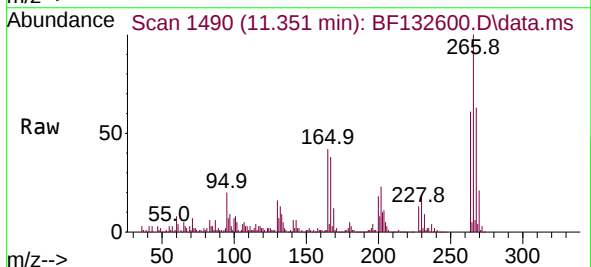
Manual Integrations
 APPROVED

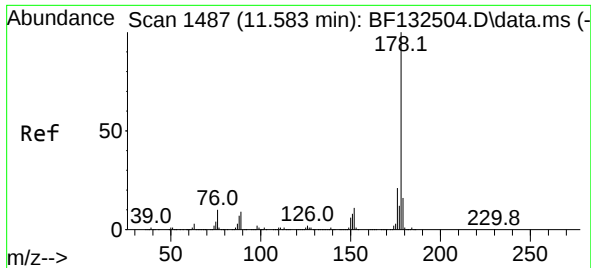
Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023



#70
 Pentachlorophenol
 Concen: 36.112 ng
 RT: 11.351 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: BF132600.D
 Acq: 01 Mar 2023 19:55

Tgt Ion:266 Resp: 149668
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.8 74.6
 264 61.3 50.9 76.3





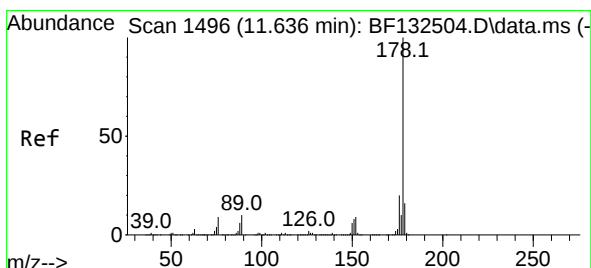
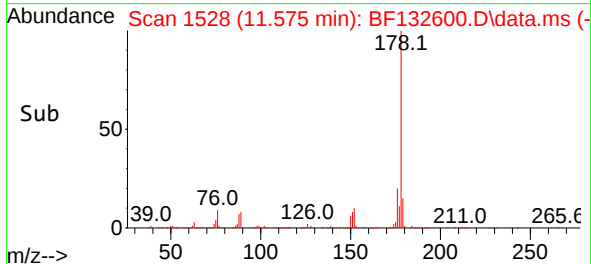
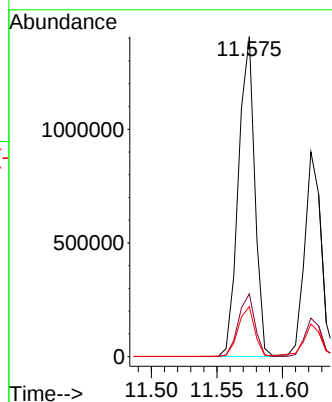
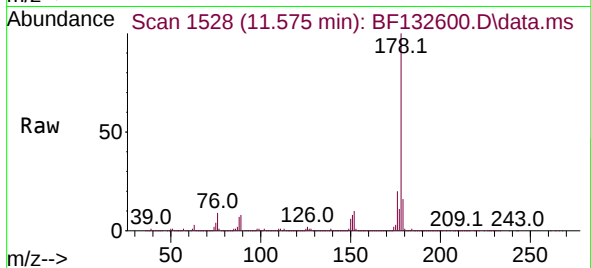
#71
Phenanthrene
Concen: 40.135 ng
RT: 11.575 min Scan# 11536
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Tgt Ion:178 Resp: 1216884
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.7 13.0 19.6

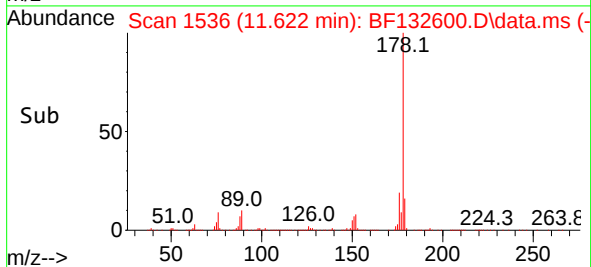
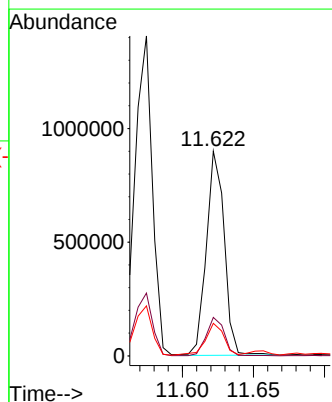
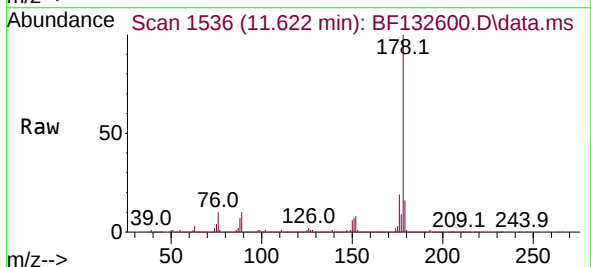
Manual Integrations
APPROVED

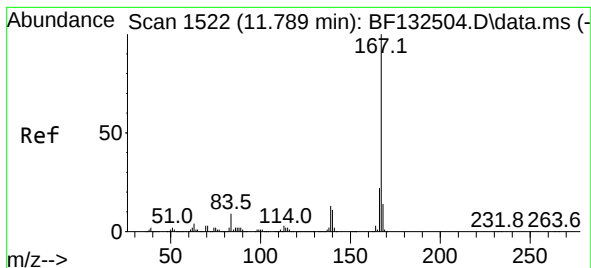
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#72
Anthracene
Concen: 25.201 ng
RT: 11.622 min Scan# 1536
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion:178 Resp: 786816
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.9 12.5 18.7





#73

Carbazole

Concen: 22.128 ng

RT: 11.775 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

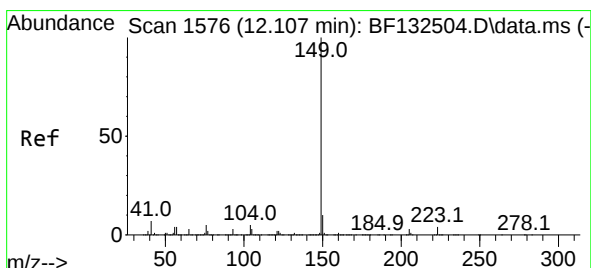
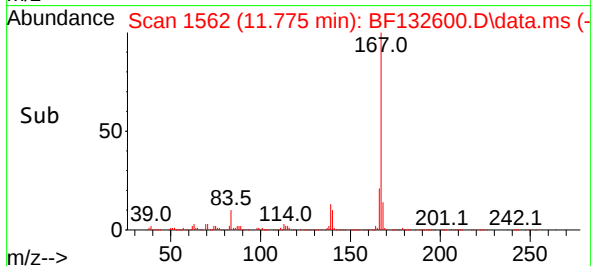
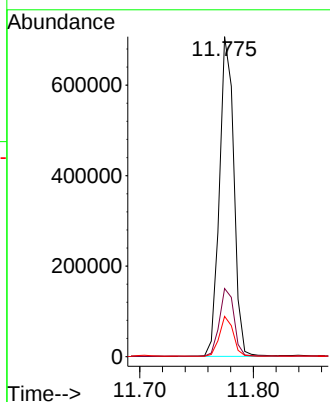
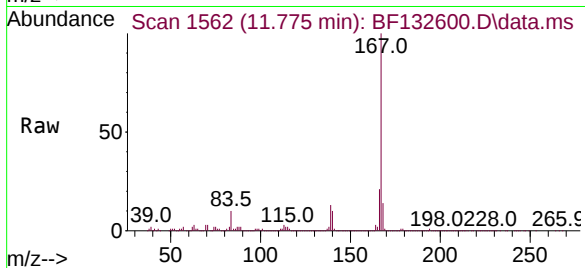
HD-01-022723MSD

Tgt Ion:167	Resp: 622894
Ion Ratio	Lower Upper
167 100	
166 21.3	17.7 26.5
139 12.6	10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#74

Di-n-butylphthalate

Concen: 21.444 ng

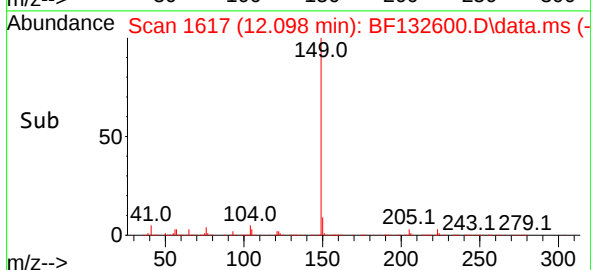
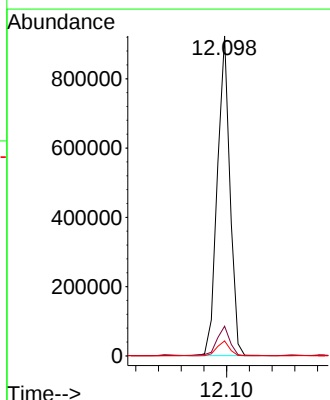
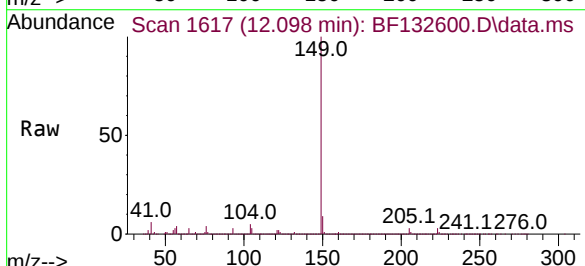
RT: 12.098 min Scan# 1617

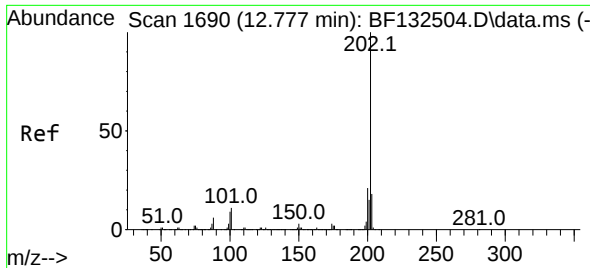
Delta R.T. -0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

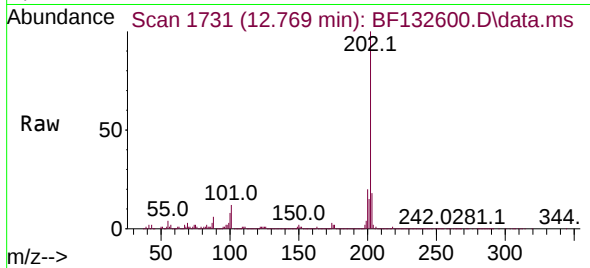
Tgt Ion:149	Resp: 708098
Ion Ratio	Lower Upper
149 100	
150 9.3	7.8 11.8
104 4.7	4.3 6.5





#75
Fluoranthene
Concen: 39.501 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

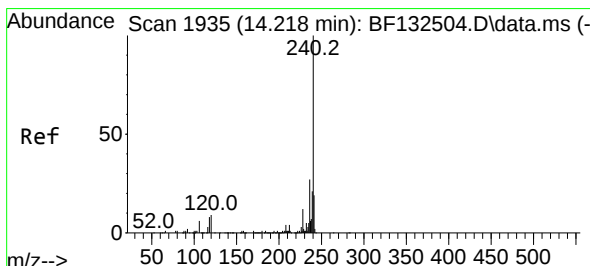
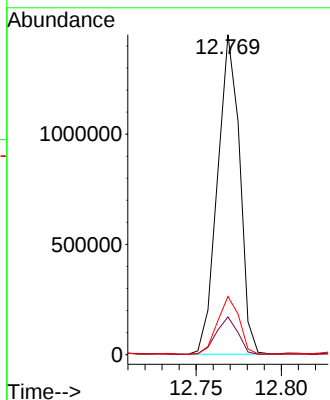
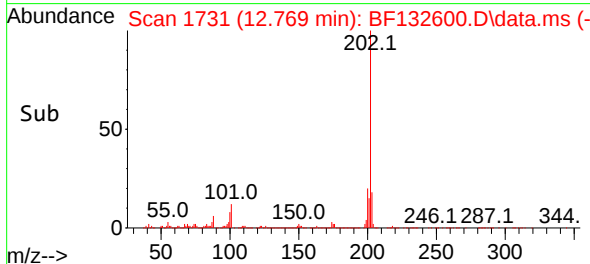
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:202 Resp: 1309278
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 18.2 0.0 38.0

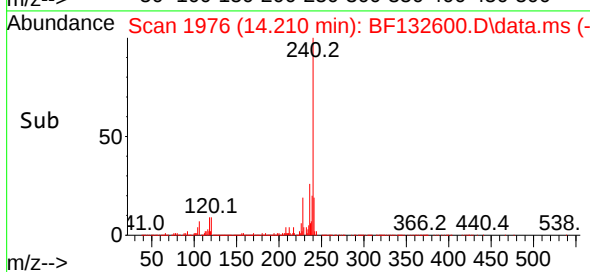
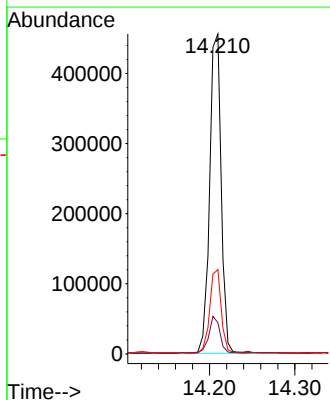
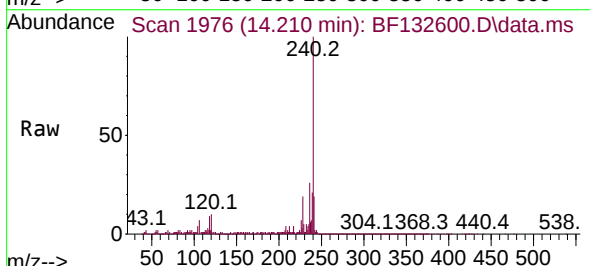
Manual Integrations
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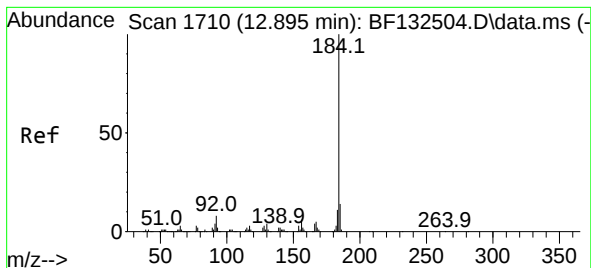
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion:240 Resp: 428952
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 26.3 21.8 32.6





#77

Benzidine

Concen: 26.668 ng

RT: 12.886 min Scan# 1710

Delta R.T. 0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD

Tgt Ion:184 Resp: 278463

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

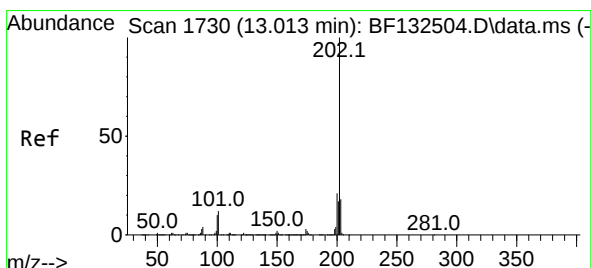
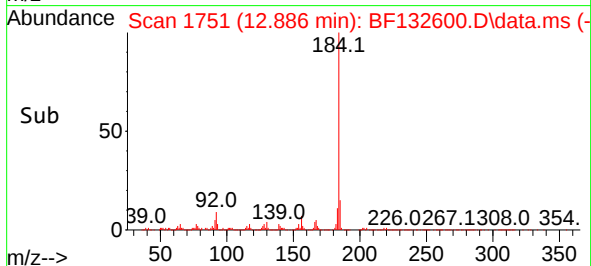
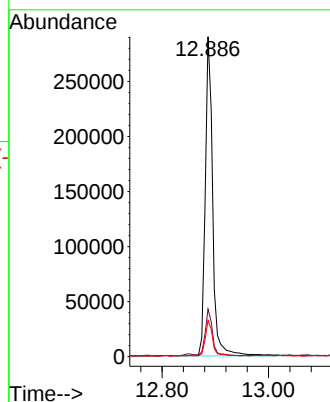
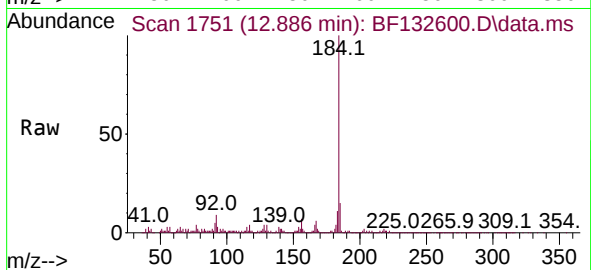
183 11.3 8.7 13.1

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#78

Pyrene

Concen: 35.315 ng

RT: 13.004 min Scan# 1771

Delta R.T. 0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

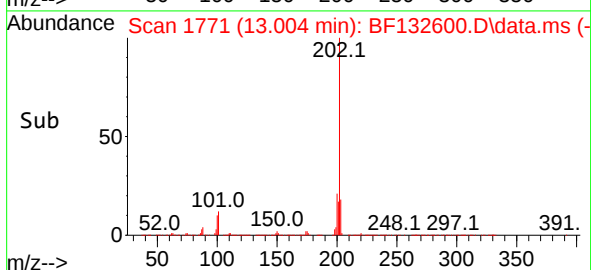
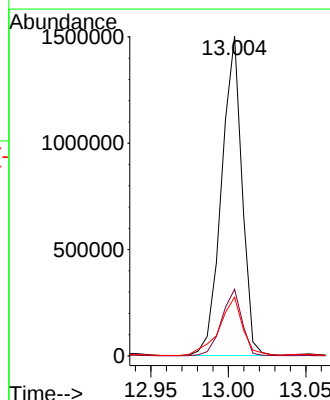
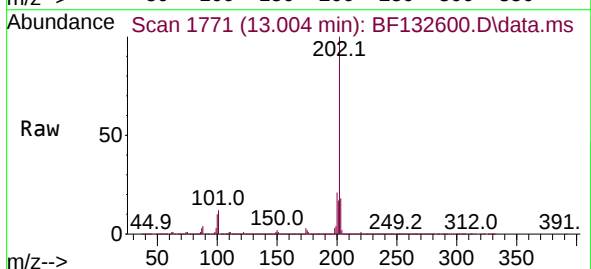
Tgt Ion:202 Resp: 1377266

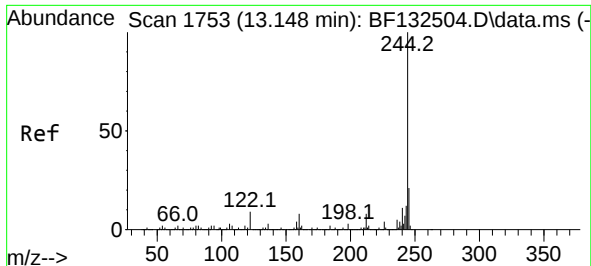
Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 18.3 14.6 21.8





#79
Terphenyl-d14
Concen: 17.260 ng
RT: 13.133 min Scan# 1753
Delta R.T. -0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

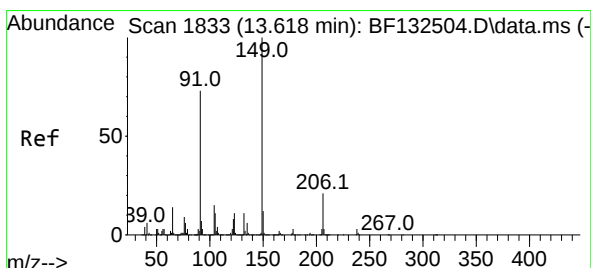
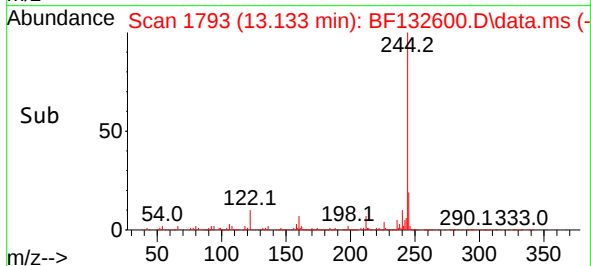
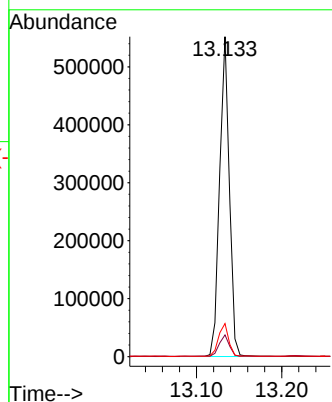
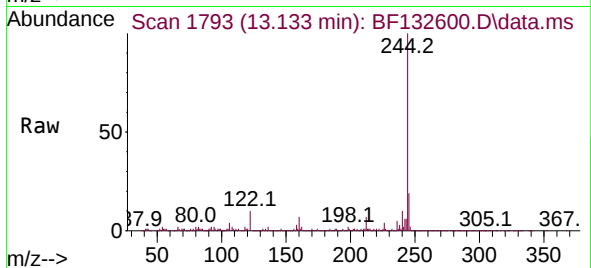
HD-01-022723MSD

Tgt Ion:244 Resp: 437895
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 10.4 7.5 11.3

Manual Integrations

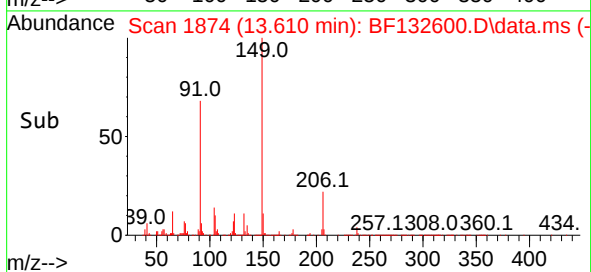
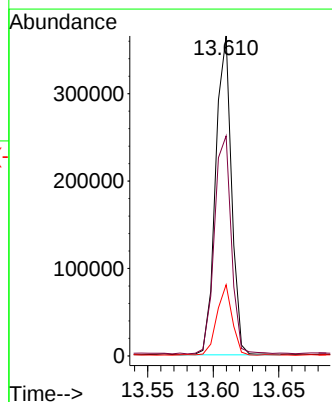
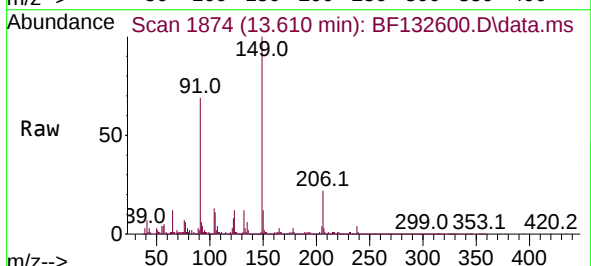
APPROVED

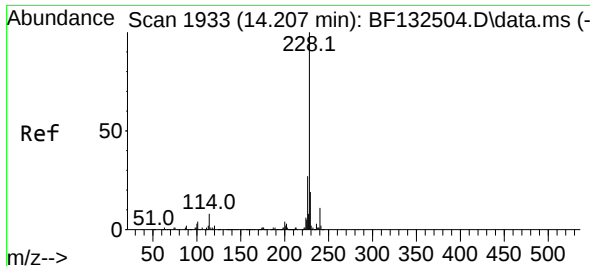
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#80
Butylbenzylphthalate
Concen: 20.122 ng
RT: 13.610 min Scan# 1874
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

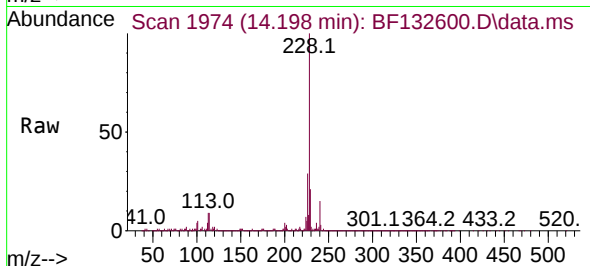
Tgt Ion:149 Resp: 309675
Ion Ratio Lower Upper
149 100
91 68.7 58.4 87.6
206 22.2 16.8 25.2





#81
Benzo(a)anthracene
Concen: 29.461 ng
RT: 14.198 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

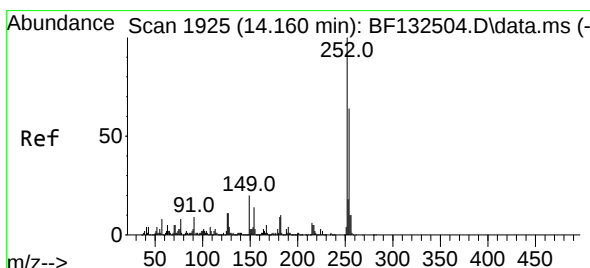
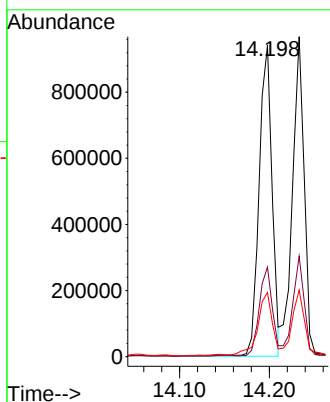
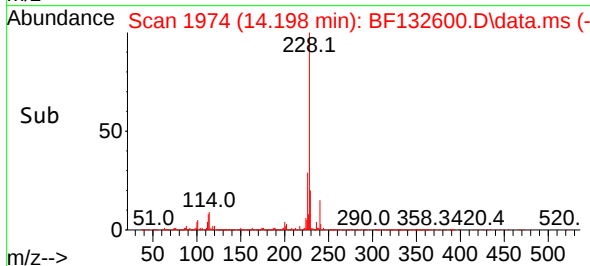
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:228 Resp: 945550
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 20.6 15.4 23.2

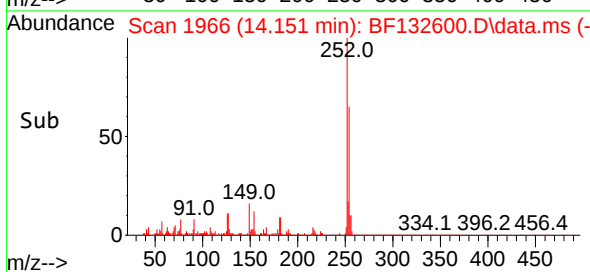
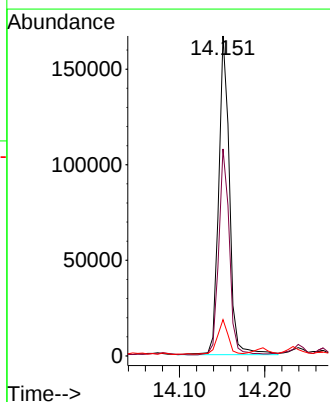
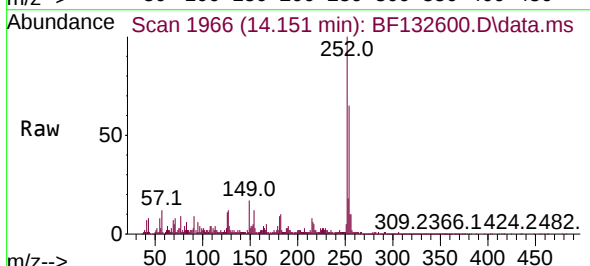
Manual Integrations
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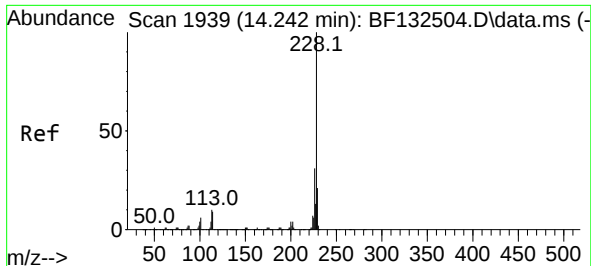
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#82
3,3'-Dichlorobenzidine
Concen: 15.514 ng
RT: 14.151 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

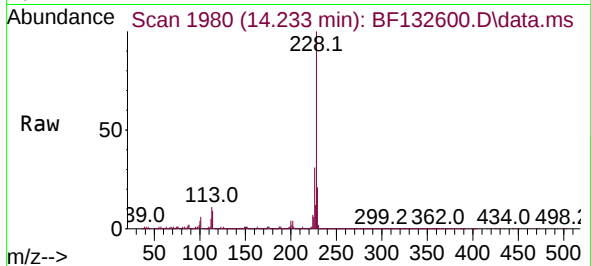
Tgt Ion:252 Resp: 146793
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 11.3 8.9 13.3





#83
Chrysene
Concen: 29.130 ng m
RT: 14.233 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

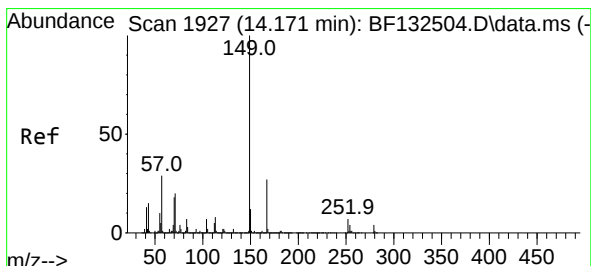
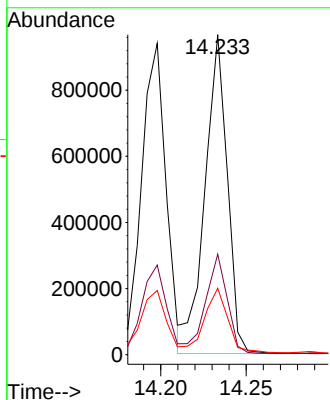
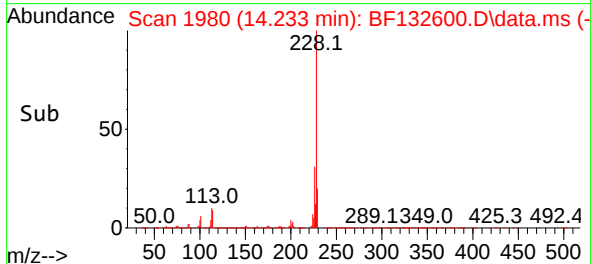
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:228 Resp: 874288
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 20.7 16.4 24.6

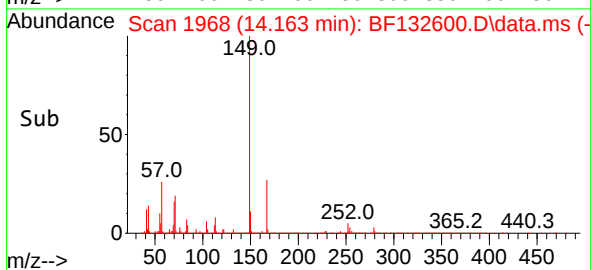
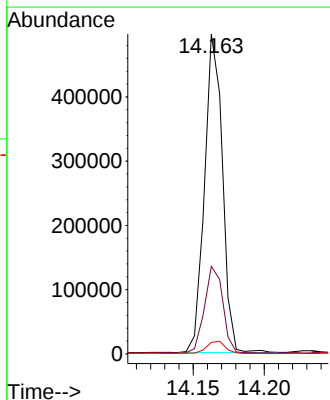
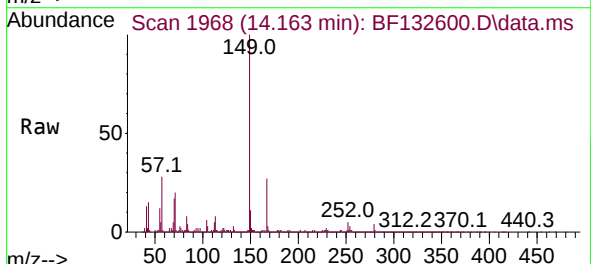
Manual Integrations
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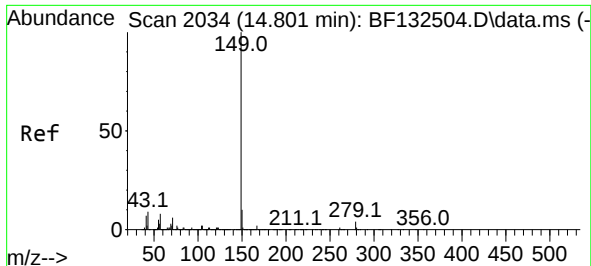
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 22.944 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

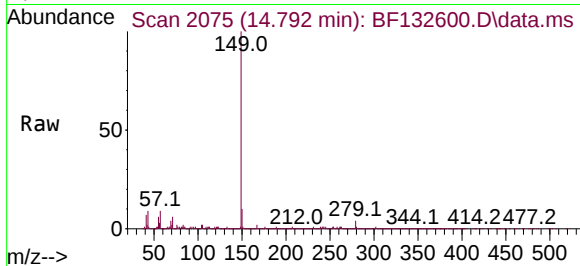
Tgt Ion:149 Resp: 433772
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 3.6 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 25.091 ng
RT: 14.792 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

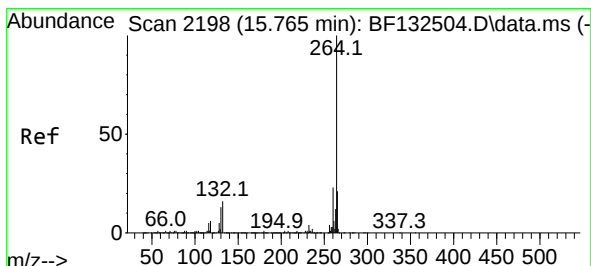
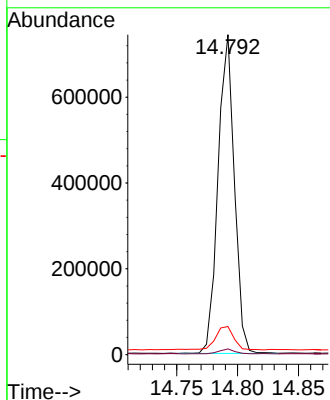
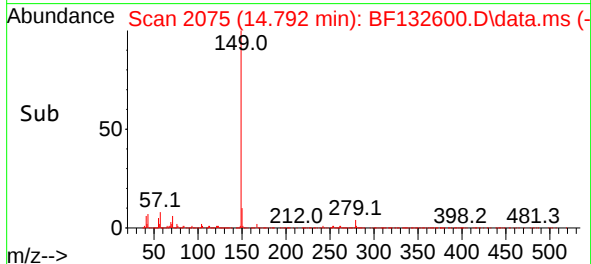
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD



Tgt Ion:149 Resp: 693180
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.2 10.8

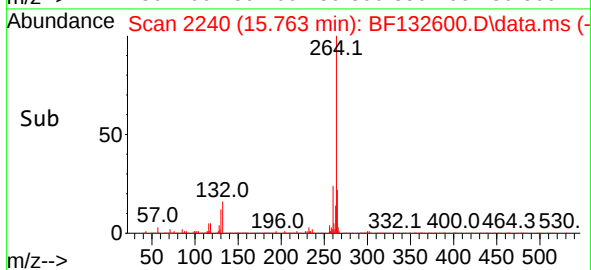
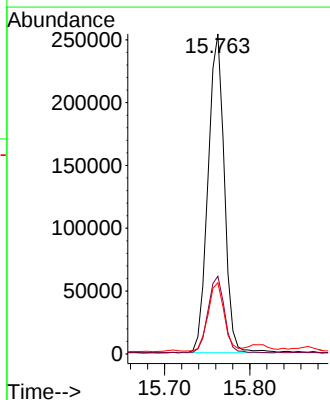
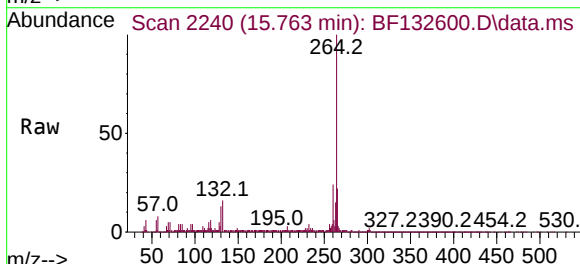
Manual Integrations
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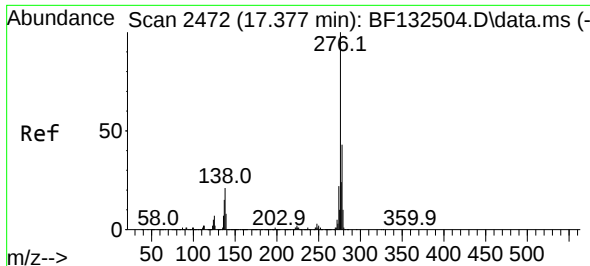
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.763 min Scan# 2240
Delta R.T. 0.009 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion:264 Resp: 337455
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.2 17.1 25.7





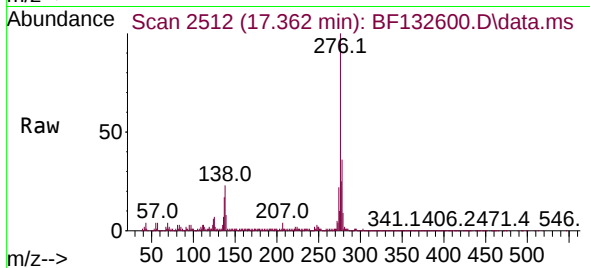
#87
Indeno(1,2,3-cd)pyrene
Concen: 22.907 ng
RT: 17.362 min Scan# 2161
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD

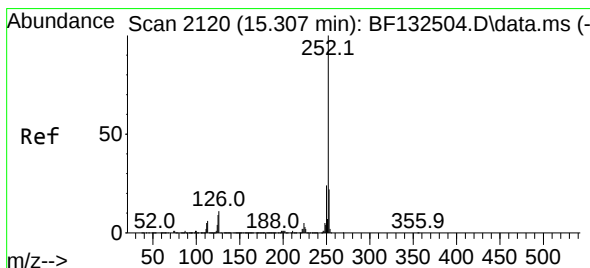
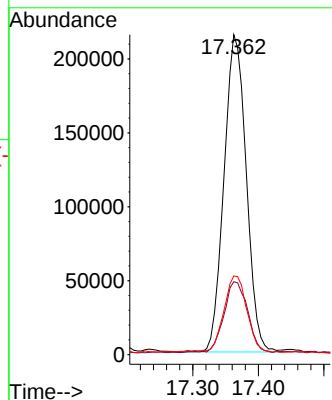
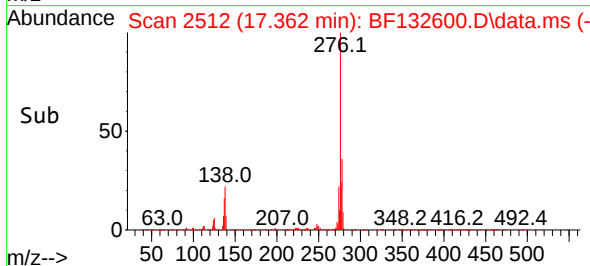


Tgt Ion:276 Resp: 506500
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 24.8 20.0 30.0

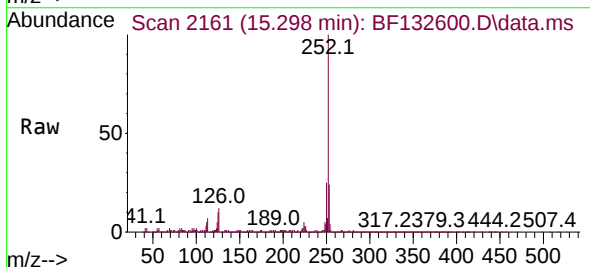
Manual Integrations

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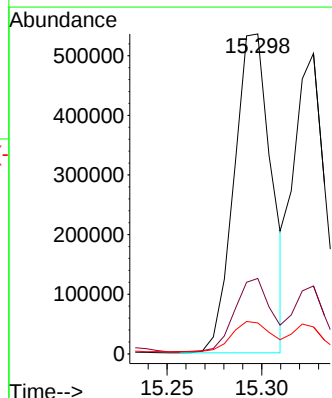
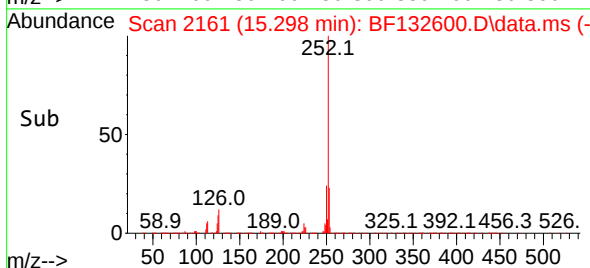
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

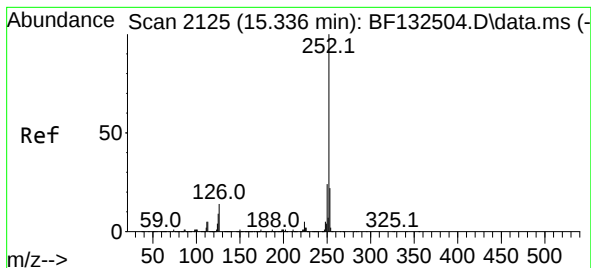


#88
Benzo(b)fluoranthene
Concen: 32.437 ng
RT: 15.298 min Scan# 2161
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55



Tgt Ion:252 Resp: 733538
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 9.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 25.663 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MSD

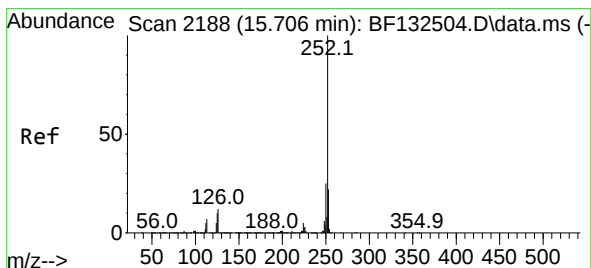
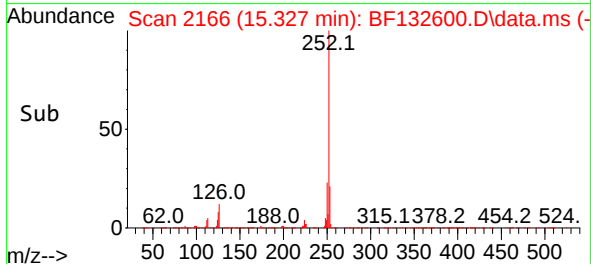
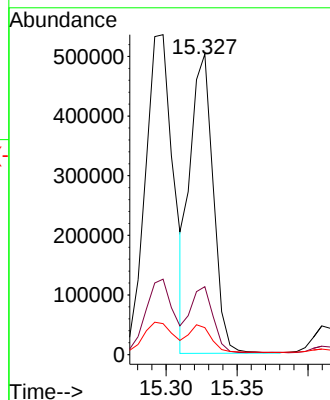
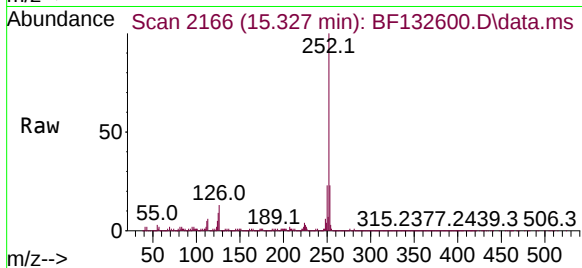
Tgt Ion:252 Resp: 567991
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.5 26.3
 125 9.0 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023



#90

Benzo(a)pyrene

Concen: 28.043 ng

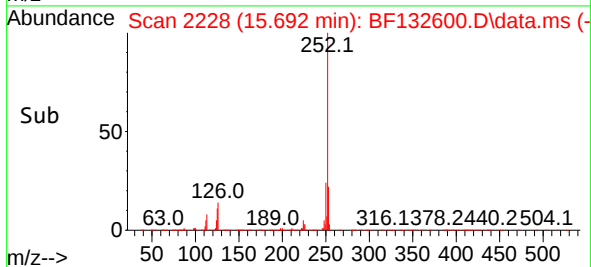
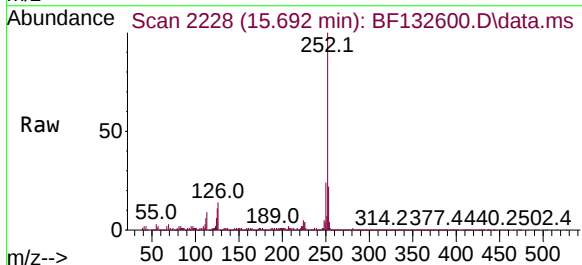
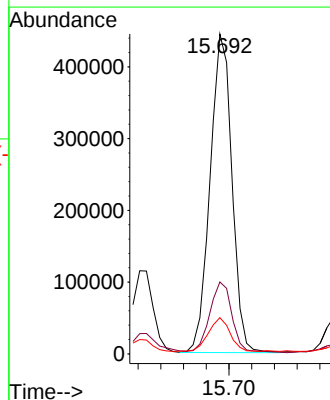
RT: 15.692 min Scan# 2228

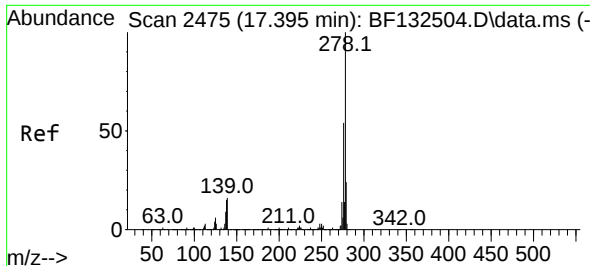
Delta R.T. 0.003 min

Lab File: BF132600.D

Acq: 01 Mar 2023 19:55

Tgt Ion:252 Resp: 593546
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.2 25.8
 125 11.3 8.0 12.0





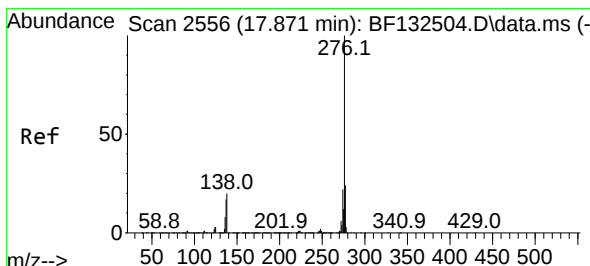
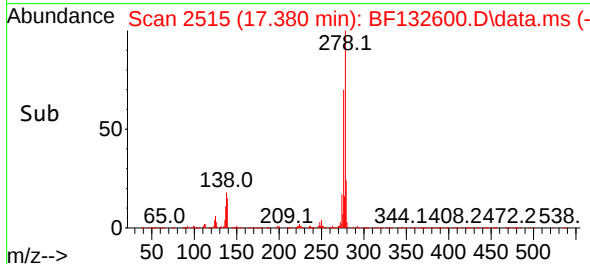
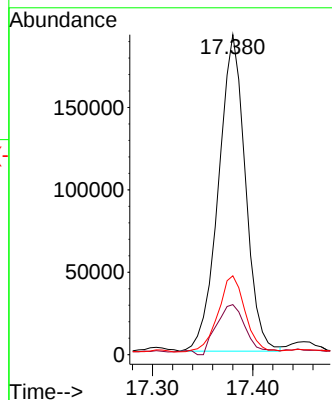
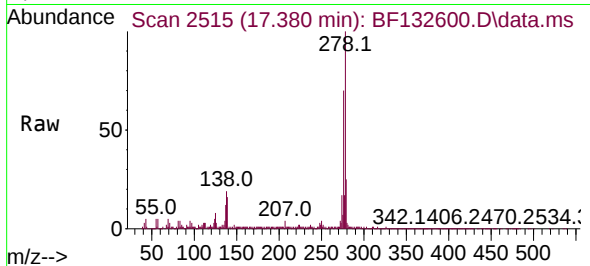
#91
Dibenzo(a,h)anthracene
Concen: 19.928 ng
RT: 17.380 min Scan# 2475
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Tgt Ion:278 Resp: 359020
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 24.6 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



#92
Benzo(g,h,i)perylene
Concen: 21.930 ng
RT: 17.857 min Scan# 2596
Delta R.T. 0.003 min
Lab File: BF132600.D
Acq: 01 Mar 2023 19:55

Tgt Ion:276 Resp: 428022
Ion Ratio Lower Upper
276 100
277 25.4 18.9 28.3
138 21.6 16.2 24.4

