

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132558.D
 Acq On : 27 Feb 2023 18:10
 Operator : CG\JU
 Sample : 01701-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 28 03:16:46 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	7.007	152	145016	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	531177	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	268658	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	438349	20.000	ng	0.00
76) Chrysene-d12	14.207	240	299636	20.000	ng	0.00
86) Perylene-d12	15.760	264	242268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	908336	101.658	ng	0.00
7) Phenol-d6	6.637	99	1189958	102.044	ng	0.00
23) Nitrobenzene-d5	7.572	82	786434	70.244	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	285513	98.405	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1233159	69.891	ng	0.00
79) Terphenyl-d14	13.136	244	1142486	64.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.937	88	199606	40.385	ng	99
3) Pyridine	3.696	79	472632	36.025	ng	99
4) n-Nitrosodimethylamine	3.660	42	219936	44.381	ng	97
6) Aniline	6.666	93	404361	25.767	ng	99
8) 2-Chlorophenol	6.790	128	427478	46.096	ng	98
9) Benzaldehyde	6.554	77	237603	37.760	ng	95
10) Phenol	6.648	94	563490	42.148	ng	99
11) bis(2-Chloroethyl)ether	6.737	93	453304	43.921	ng	97
12) 1,3-Dichlorobenzene	6.948	146	457704	45.992	ng	99
13) 1,4-Dichlorobenzene	7.025	146	457359	46.026	ng	99
14) 1,2-Dichlorobenzene	7.178	146	434450	45.556	ng	96
15) Benzyl Alcohol	7.148	79	421913	46.979	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	601828	45.727	ng	98
17) 2-Methylphenol	7.254	107	360500	41.653	ng	100
18) Hexachloroethane	7.519	117	180941	46.608	ng	98
19) n-Nitroso-di-n-propyla...	7.419	70	306228	42.669	ng	96
20) 3+4-Methylphenols	7.407	107	434493	38.858	ng	93
22) Acetophenone	7.413	105	585410	43.707	ng	# 91
24) Nitrobenzene	7.590	77	512792	42.826	ng	95
25) Isophorone	7.825	82	915368	42.645	ng	98
26) 2-Nitrophenol	7.907	139	232143	43.941	ng	98
27) 2,4-Dimethylphenol	7.937	122	361530	43.359	ng	97
28) bis(2-Chloroethoxy)met...	8.031	93	545034	43.406	ng	99
29) 2,4-Dichlorophenol	8.148	162	361453	43.578	ng	99
30) 1,2,4-Trichlorobenzene	8.231	180	404655	44.929	ng	97
31) Naphthalene	8.313	128	1157535	42.568	ng	99
32) Benzoic acid	8.054	122	260982m	40.381	ng	
33) 4-Chloroaniline	8.360	127	104376	8.957	ng	# 92
34) Hexachlorobutadiene	8.425	225	272404	47.597	ng	99
35) Caprolactam	8.742	113	116515m	42.610	ng	
36) 4-Chloro-3-methylphenol	8.842	107	393891	43.242	ng	99
37) 2-Methylnaphthalene	9.007	142	763717	41.211	ng	99
38) 1-Methylnaphthalene	9.107	142	697468	40.273	ng	100
40) 1,2,4,5-Tetrachloroben...	9.172	216	413275	47.017	ng	99
41) Hexachlorocyclopentadiene	9.154	237	285111	59.803	ng	98
43) 2,4,6-Trichlorophenol	9.284	196	271773	45.624	ng	99

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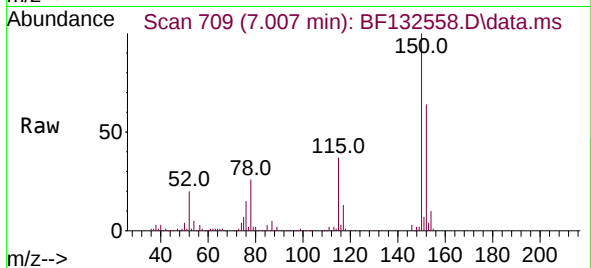
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.331	196	289067	41.578	ng	98
46) 1,1'-Biphenyl	9.472	154	928020	45.638	ng	98
47) 2-Chloronaphthalene	9.501	162	742192	46.036	ng	99
48) 2-Nitroaniline	9.595	65	248195	41.799	ng	95
49) Acenaphthylene	9.919	152	1094035	42.639	ng	99
50) Dimethylphthalate	9.772	163	904363	46.231	ng	100
51) 2,6-Dinitrotoluene	9.837	165	195718	43.933	ng	95
52) Acenaphthene	10.089	154	735462m	45.140	ng	
53) 3-Nitroaniline	10.007	138	129148	25.915	ng	97
54) 2,4-Dinitrophenol	10.113	184	158812	57.110	ng	99
55) Dibenzofuran	10.260	168	1008324	42.452	ng	97
56) 4-Nitrophenol	10.166	139	257335	69.242	ng	86
57) 2,4-Dinitrotoluene	10.242	165	250984	42.348	ng	93
58) Fluorene	10.607	166	747157	41.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.378	232	218358	42.280	ng	98
60) Diethylphthalate	10.472	149	878084	45.961	ng	100
61) 4-Chlorophenyl-phenyle...	10.595	204	410568	43.561	ng	96
62) 4-Nitroaniline	10.625	138	161068	32.926	ng	94
63) Azobenzene	10.754	77	1081093	53.431	ng	96
65) 4,6-Dinitro-2-methylph...	10.648	198	109397	36.866	ng	96
66) n-Nitrosodiphenylamine	10.713	169	663439	48.547	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	244436	49.297	ng	97
68) Hexachlorobenzene	11.154	284	253701	48.626	ng	# 90
69) Atrazine	11.236	200	225281	52.804	ng	99
70) Pentachlorophenol	11.354	266	251355	80.973	ng	98
71) Phenanthrene	11.578	178	978344	43.083	ng	98
72) Anthracene	11.625	178	996406	42.609	ng	99
73) Carbazole	11.783	167	858724	40.729	ng	99
74) Di-n-butylphthalate	12.101	149	1181812	47.786	ng	99
75) Fluoranthene	12.772	202	986260	39.728	ng	98
77) Benzidine	12.889	184	421121	57.735	ng	99
78) Pyrene	13.001	202	1004015	36.855	ng	98
80) Butylbenzylphthalate	13.613	149	445533	41.444	ng	97
81) Benzo(a)anthracene	14.195	228	942843	42.055	ng	99
82) 3,3'-Dichlorobenzidine	14.154	252	234910	35.540	ng	100
83) Chrysene	14.236	228	888528	42.382	ng	97
84) Bis(2-ethylhexyl)phtha...	14.166	149	618400	46.827	ng	100
85) Di-n-octyl phthalate	14.795	149	1072671	55.584	ng	99
87) Indeno(1,2,3-cd)pyrene	17.360	276	583276	36.743	ng	98
88) Benzo(b)fluoranthene	15.295	252	822940	50.687	ng	100
89) Benzo(k)fluoranthene	15.324	252	712028	44.811	ng	99
90) Benzo(a)pyrene	15.695	252	621395	40.894	ng	99
91) Dibenzo(a,h)anthracene	17.377	278	488669	37.782	ng	97
92) Benzo(g,h,i)perylene	17.848	276	466893	32.482	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

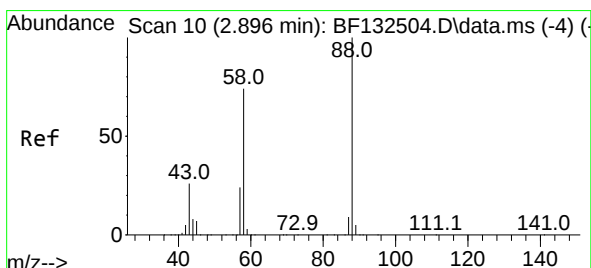
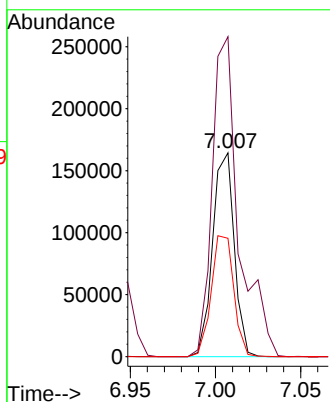
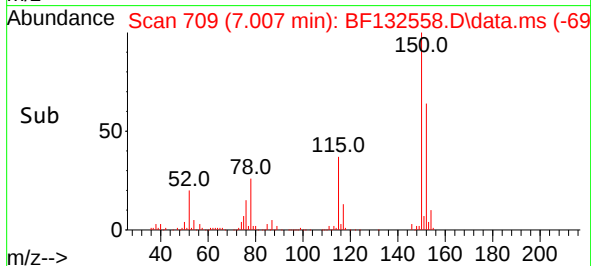
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:152 Resp: 145016
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.2
115 58.1 47.8 71.6

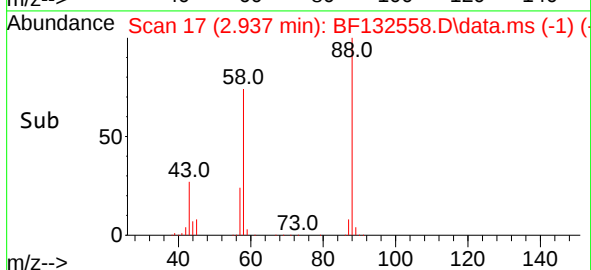
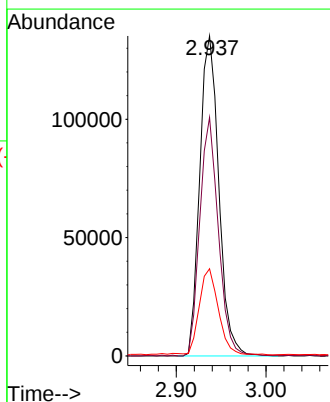
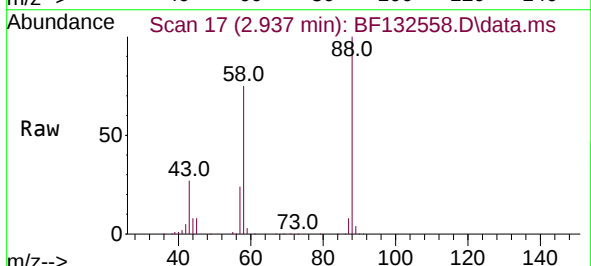
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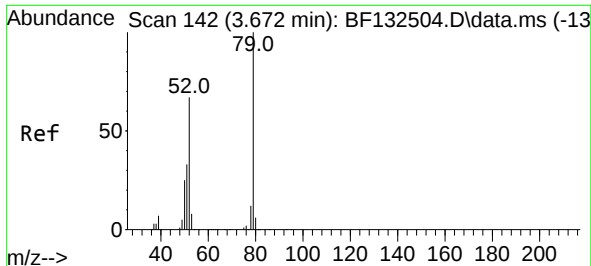
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#2
1,4-Dioxane
Concen: 40.385 ng
RT: 2.937 min Scan# 17
Delta R.T. 0.053 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

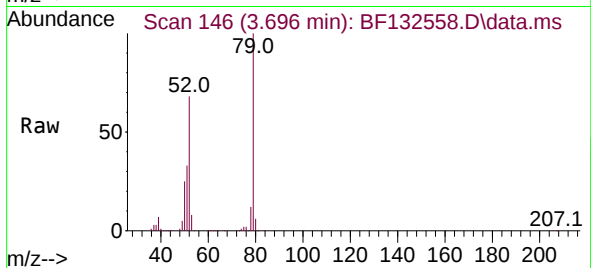
Tgt Ion: 88 Resp: 199606
Ion Ratio Lower Upper
88 100
58 72.6 58.3 87.5
43 27.5 20.7 31.1





#3
Pyridine
Concen: 36.025 ng
RT: 3.696 min Scan# 14
Delta R.T. 0.041 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

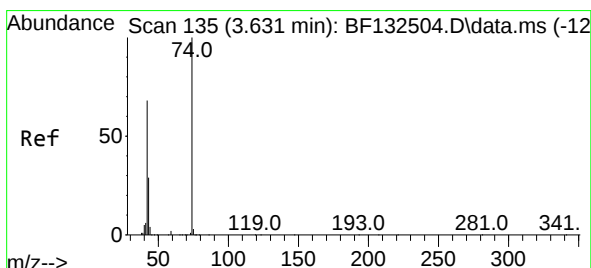
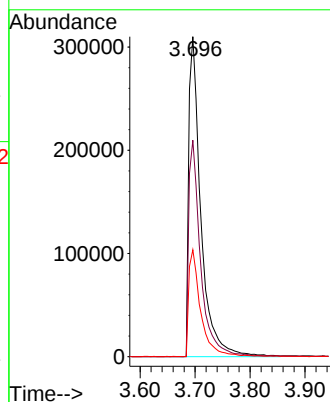
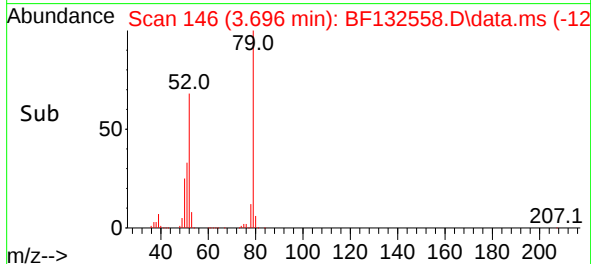
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Tgt Ion: 79 Resp: 472632
Ion Ratio Lower Upper
79 100
52 67.7 53.7 80.5
51 33.4 26.6 40.0

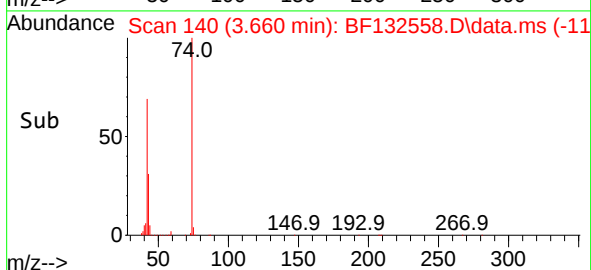
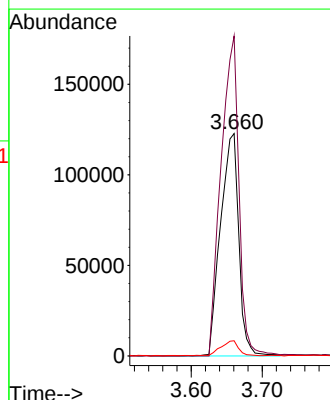
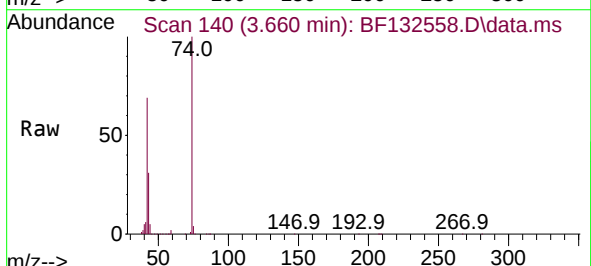
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Supervised By :Jagrut Upadhyay 02/28/2023



#4
n-Nitrosodimethylamine
Concen: 44.381 ng
RT: 3.660 min Scan# 140
Delta R.T. 0.036 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

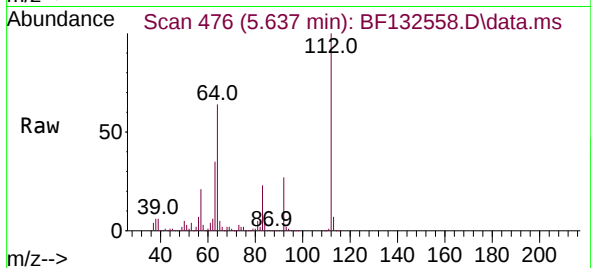
Tgt Ion: 42 Resp: 219936
Ion Ratio Lower Upper
42 100
74 143.9 118.2 177.2
44 6.8 5.3 7.9





#5
2-Fluorophenol
Concen: 101.658 ng
RT: 5.637 min Scan# 476
Delta R.T. 0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

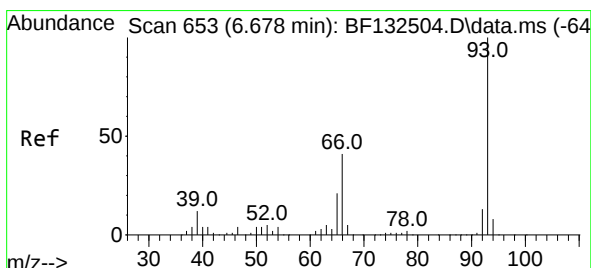
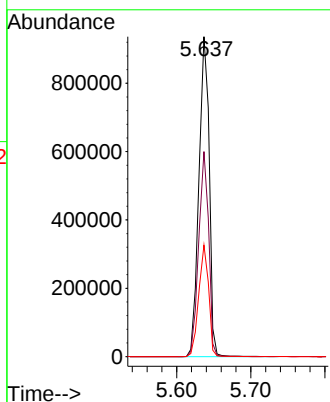
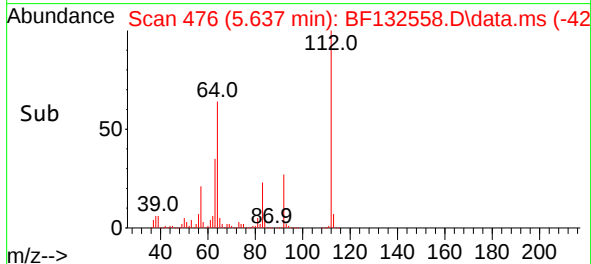
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion: 112 Resp: 908336
Ion Ratio Lower Upper
112 100
64 64.1 51.6 77.4
63 34.8 27.4 41.2

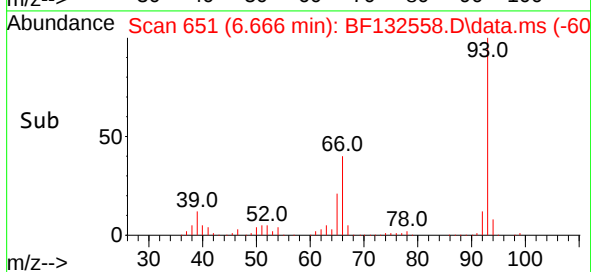
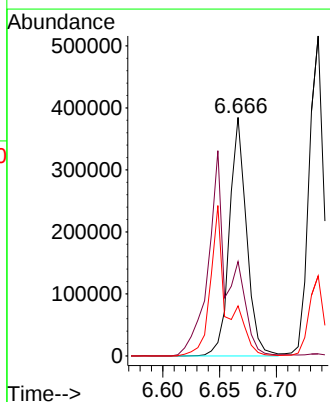
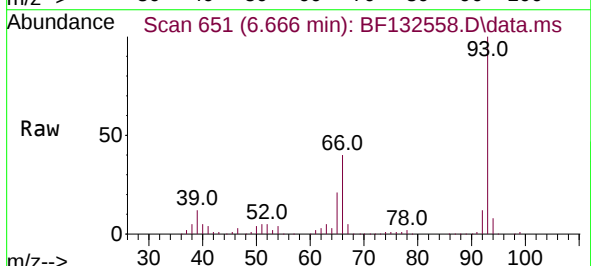
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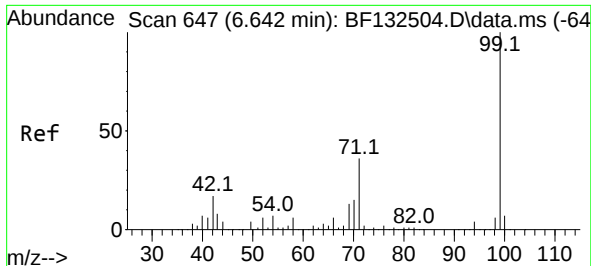
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#6
Aniline
Concen: 25.767 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

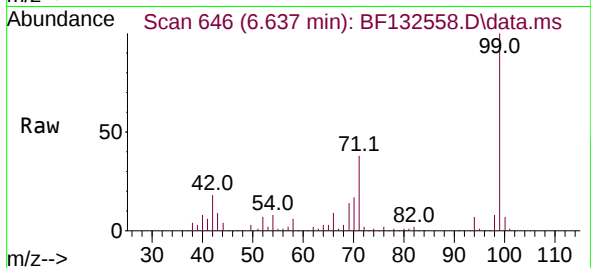
Tgt Ion: 93 Resp: 404361
Ion Ratio Lower Upper
93 100
66 39.5 32.5 48.7
65 20.9 16.6 24.8





#7
Phenol-d6
Concen: 102.044 ng
RT: 6.637 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

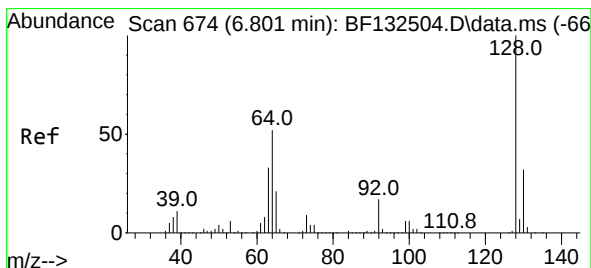
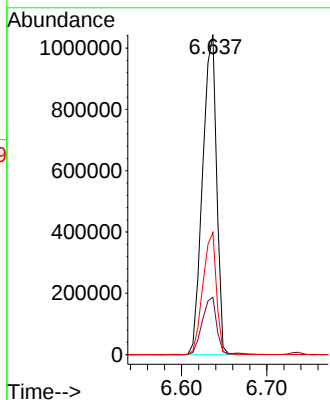
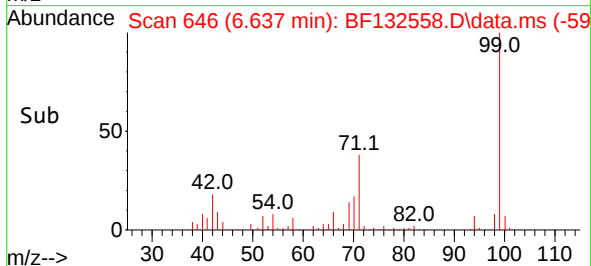
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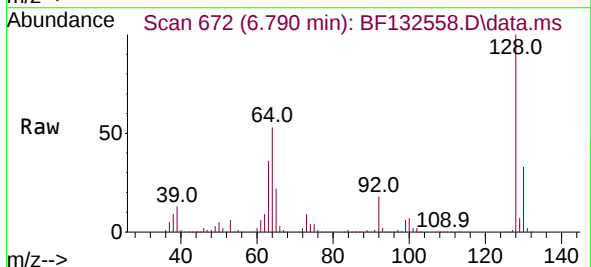
Tgt Ion: 99 Resp: 1189958
Ion Ratio Lower Upper
99 100
42 17.9 13.9 20.9
71 38.2 28.5 42.7

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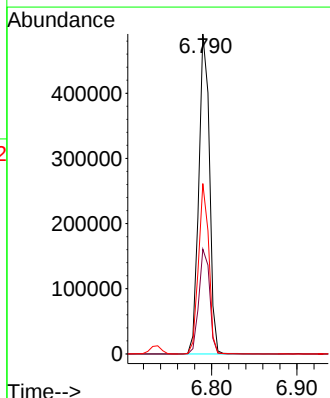
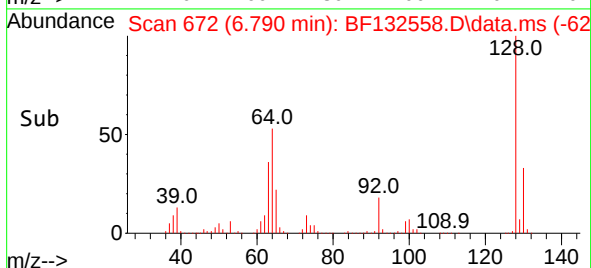
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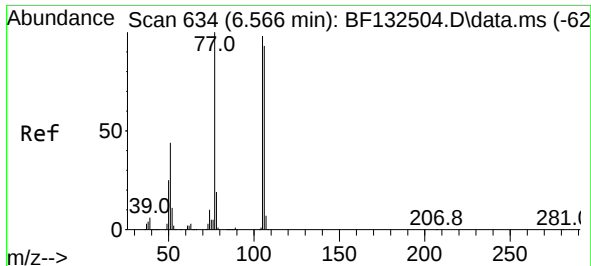


#8
2-Chlorophenol
Concen: 46.096 ng
RT: 6.790 min Scan# 672
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



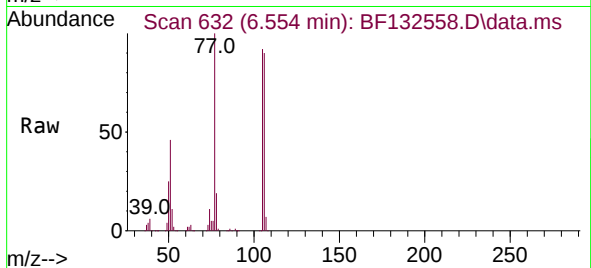
Tgt Ion:128 Resp: 427478
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 53.2 32.0 72.0





#9
Benzaldehyde
Concen: 37.760 ng
RT: 6.554 min Scan# 634
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

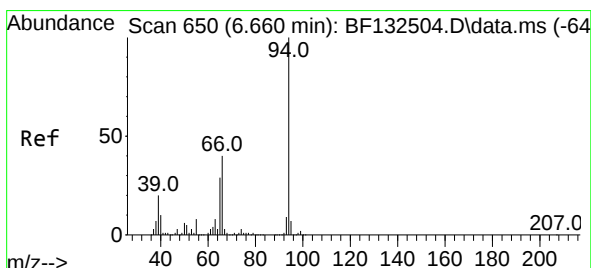
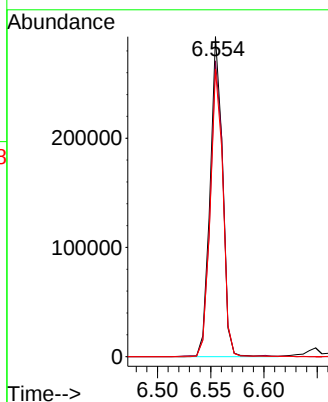
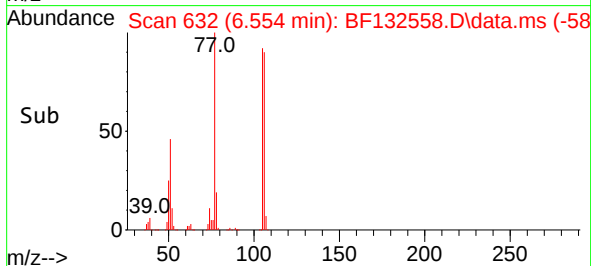
Instrument :
BNA_F
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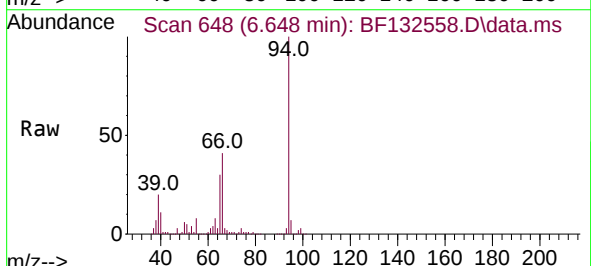
Tgt Ion: 77 Resp: 237603
Ion Ratio Lower Upper
77 100
105 92.4 77.9 117.9
106 89.7 73.4 113.4

Manual Integrations
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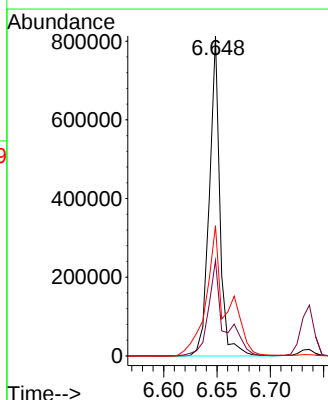
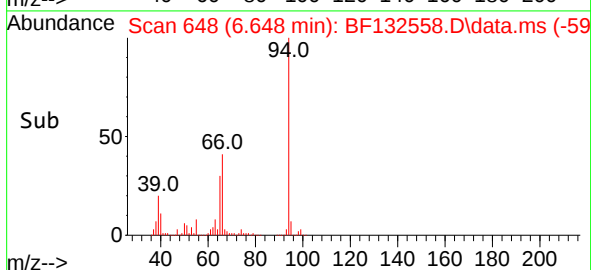
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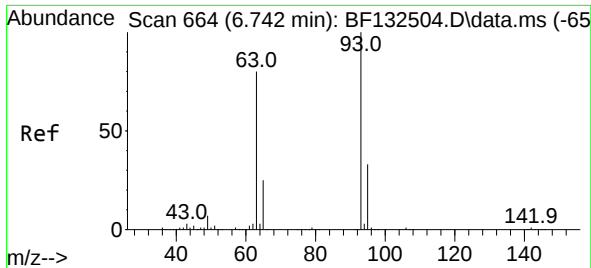


#10
Phenol
Concen: 42.148 ng
RT: 6.648 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132558.D
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Tgt Ion: 94 Resp: 563490
Ion Ratio Lower Upper
94 100
65 29.8 9.4 49.4
66 40.7 19.8 59.8





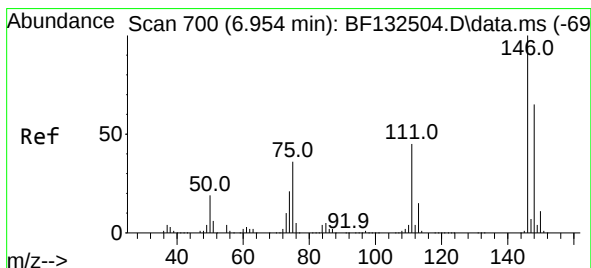
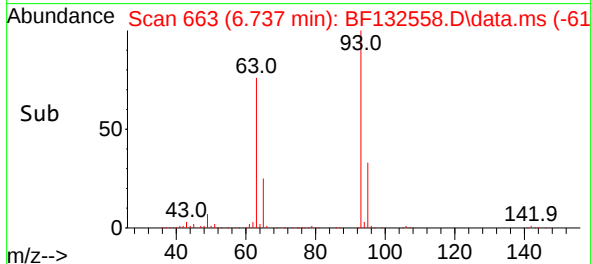
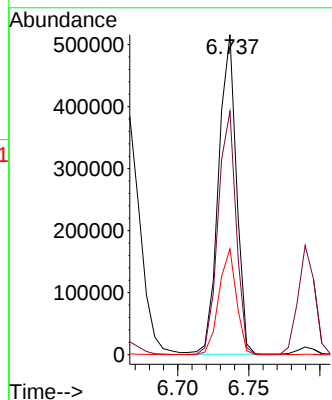
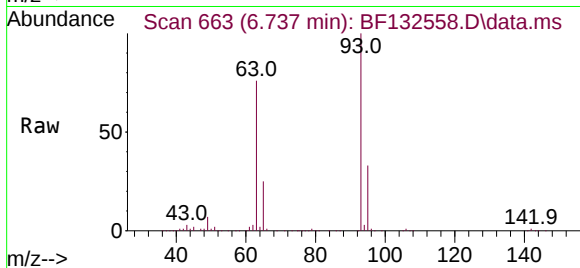
#11
bis(2-Chloroethyl)ether
Concen: 43.921 ng
RT: 6.737 min Scan# 604
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD

Tgt Ion: 93 Resp: 453304
Ion Ratio Lower Upper
93 100
63 76.0 59.6 99.6
95 33.1 12.8 52.8

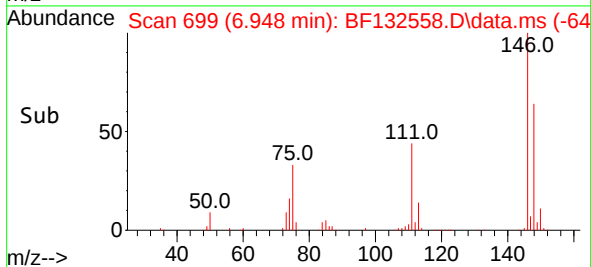
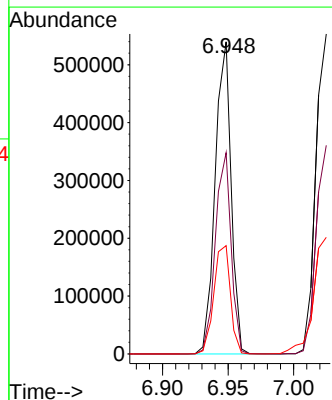
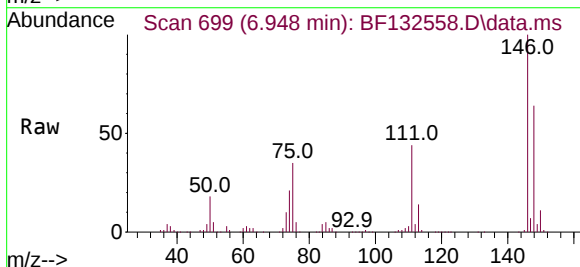
Manual Integrations
APPROVED

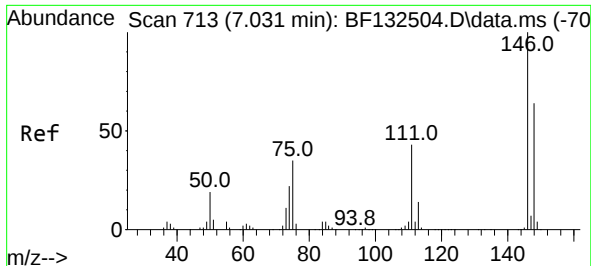
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#12
1,3-Dichlorobenzene
Concen: 45.992 ng
RT: 6.948 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Tgt Ion:146 Resp: 457704
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 34.7 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 46.026 ng

RT: 7.025 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MSD

Tgt Ion:146 Resp: 457359

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

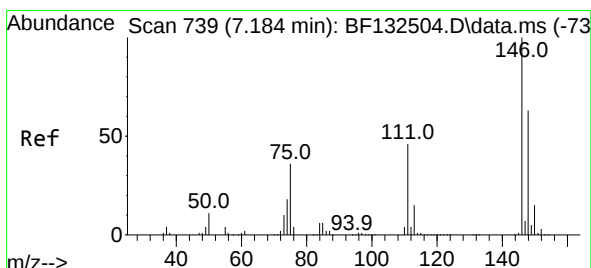
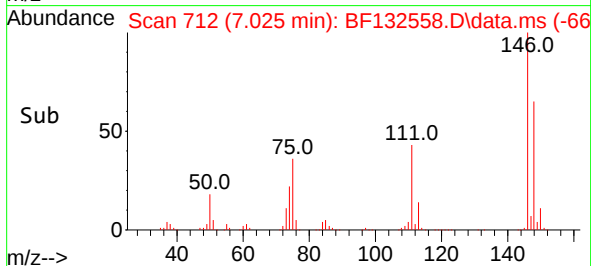
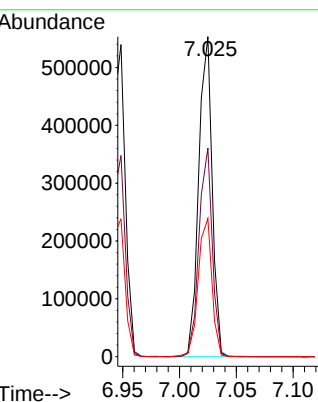
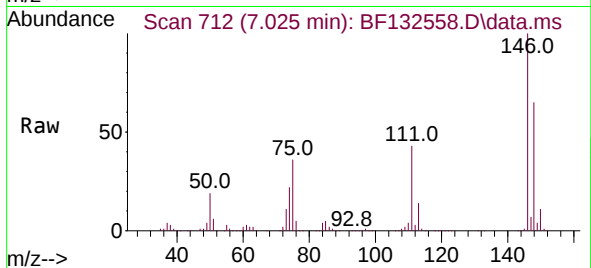
111 43.2 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#14

1,2-Dichlorobenzene

Concen: 45.556 ng

RT: 7.178 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

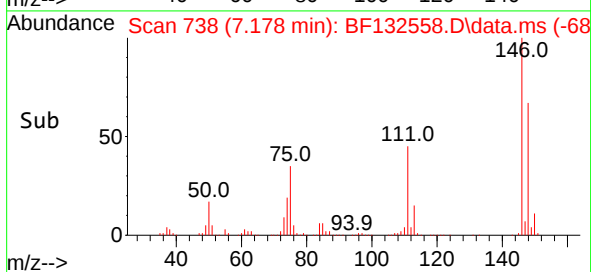
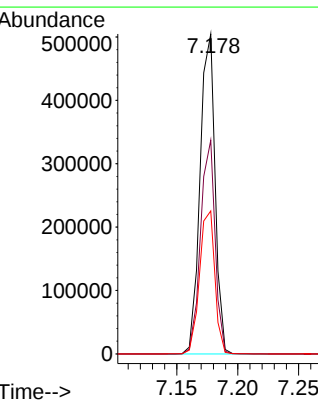
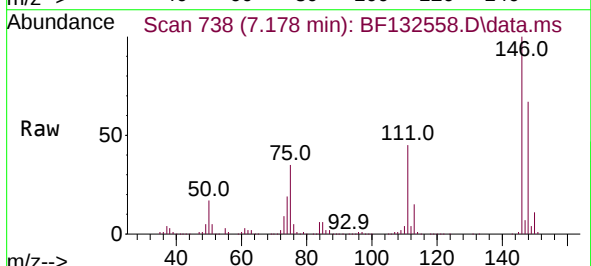
Tgt Ion:146 Resp: 434450

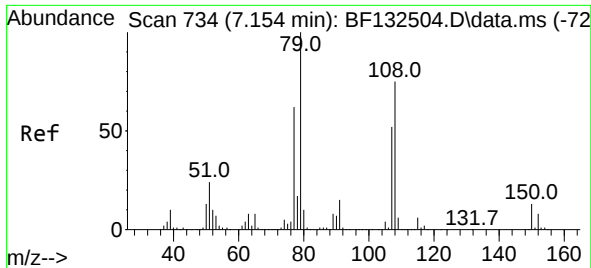
Ion Ratio Lower Upper

146 100

148 66.8 50.6 75.8

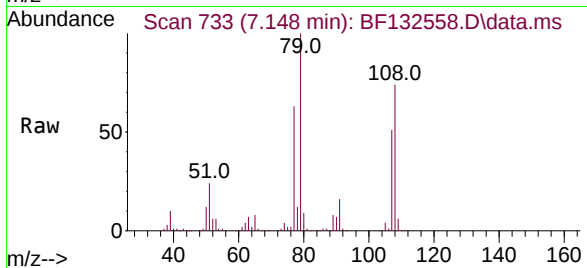
111 44.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.979 ng
RT: 7.148 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

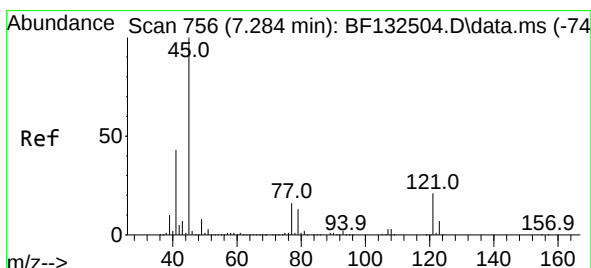
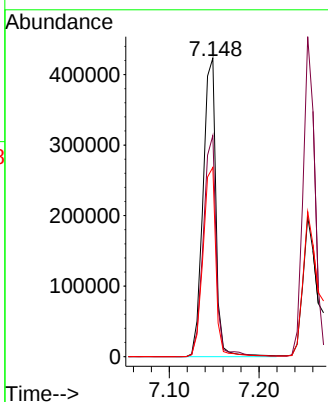
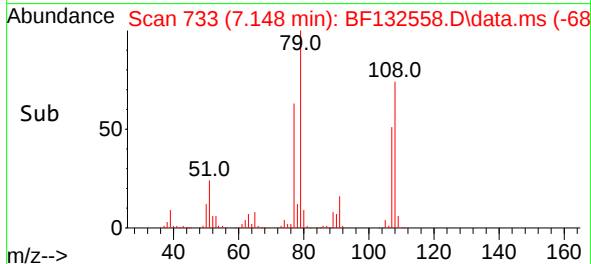
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion: 79 Resp: 421913
Ion Ratio Lower Upper
79 100
108 74.1 60.2 90.4
77 63.4 49.9 74.9

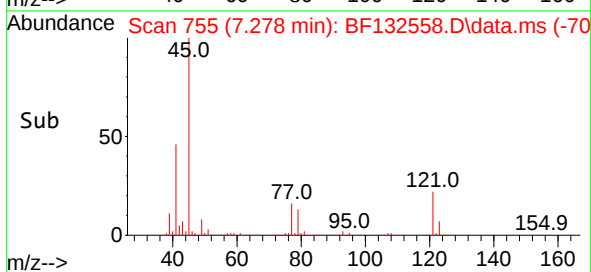
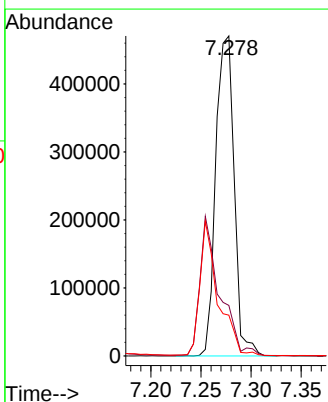
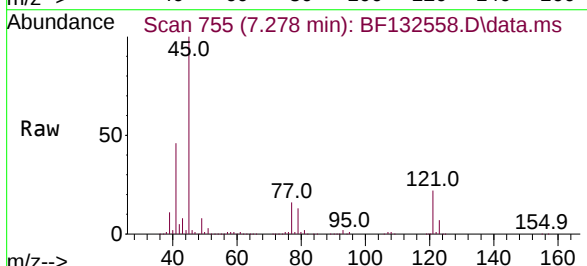
Manual Integrations
APPROVED

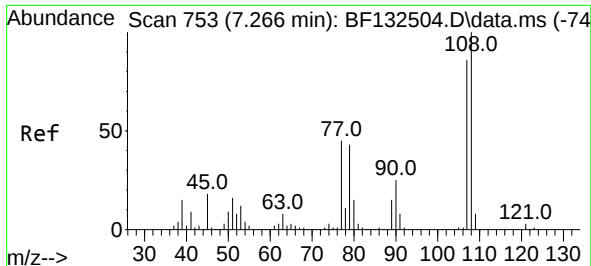
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.727 ng
RT: 7.278 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

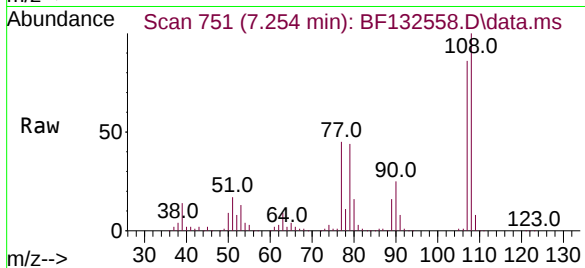
Tgt Ion: 45 Resp: 601828
Ion Ratio Lower Upper
45 100
77 15.8 0.0 36.4
79 12.7 0.0 33.4





#17
2-Methylphenol
Concen: 41.653 ng
RT: 7.254 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

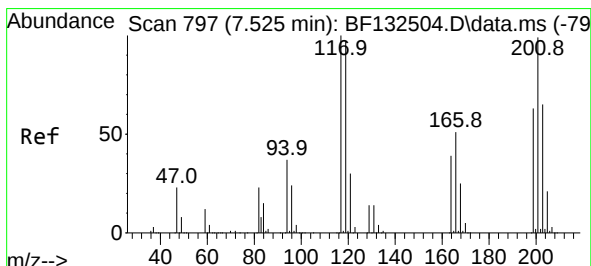
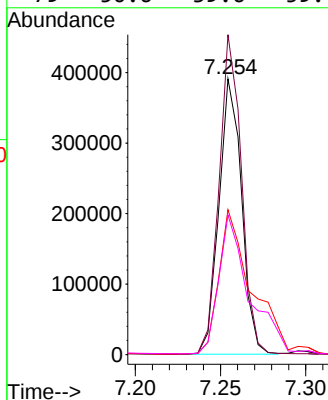
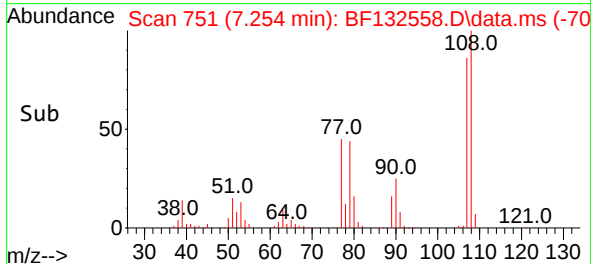
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:107 Resp: 360500
Ion Ratio Lower Upper
107 100
108 116.0 93.0 139.4
77 52.5 42.1 63.1
79 50.6 39.6 59.4

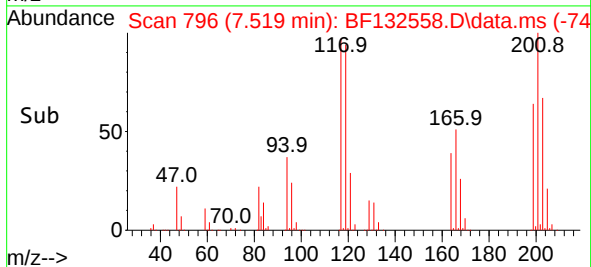
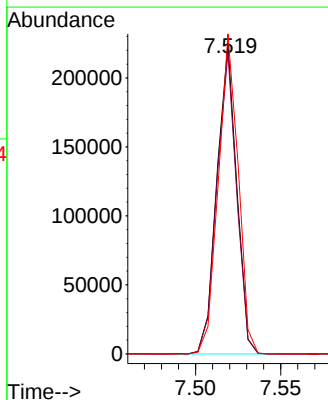
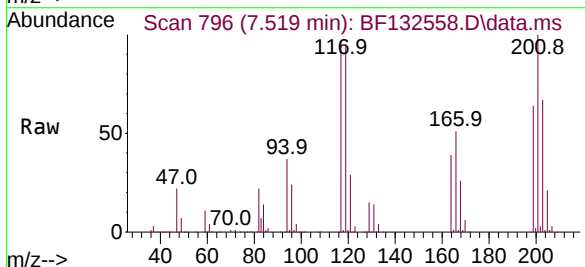
Manual Integrations
APPROVED

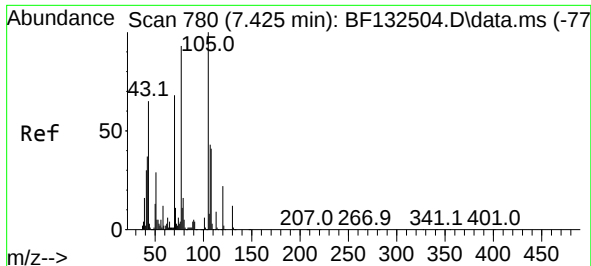
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#18
Hexachloroethane
Concen: 46.608 ng
RT: 7.519 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

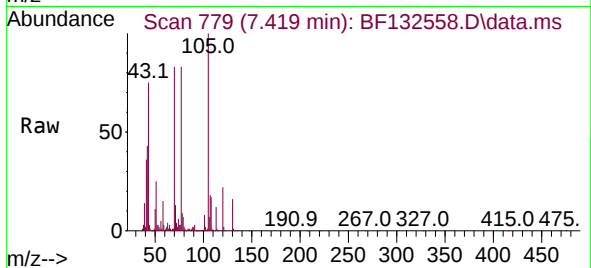
Tgt Ion:117 Resp: 180941
Ion Ratio Lower Upper
117 100
119 96.8 78.0 117.0
201 103.0 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.669 ng
RT: 7.419 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

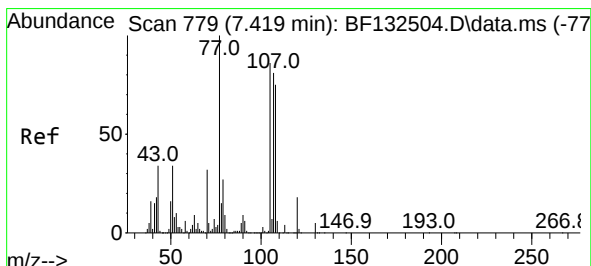
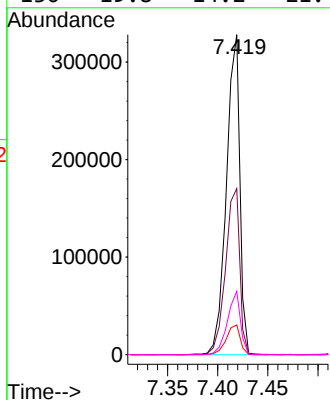
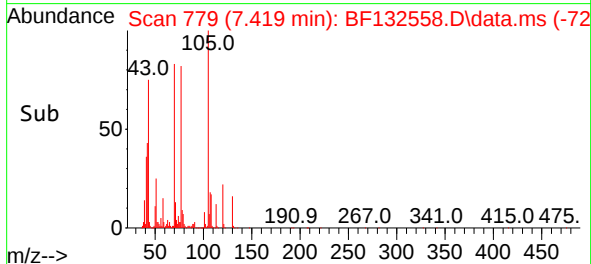
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



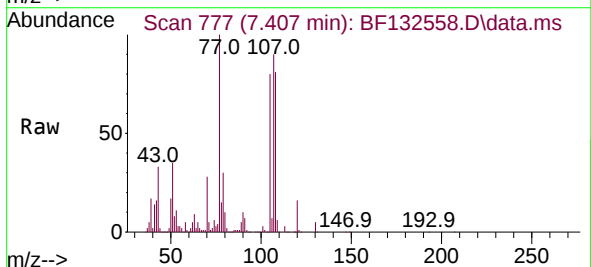
Tgt Ion: 70 Resp: 306228
Ion Ratio Lower Upper
70 100
42 51.9 44.1 66.1
101 9.3 7.4 11.2
130 19.8 14.2 21.4

Manual Integrations
APPROVED

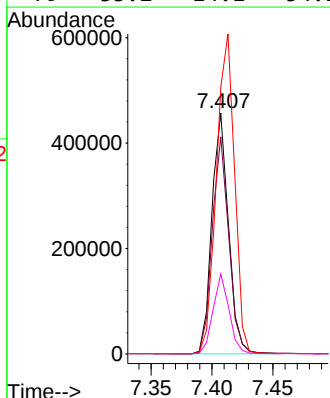
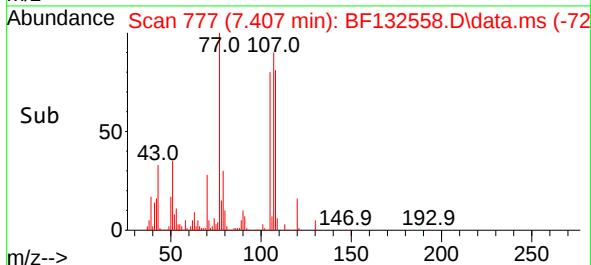
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#20
3+4-Methylphenols
Concen: 38.858 ng
RT: 7.407 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



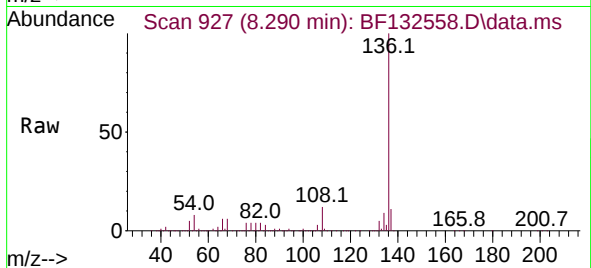
Tgt Ion:107 Resp: 434493
Ion Ratio Lower Upper
107 100
108 90.1 72.6 112.6
77 110.6 104.0 144.0
79 33.2 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.290 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

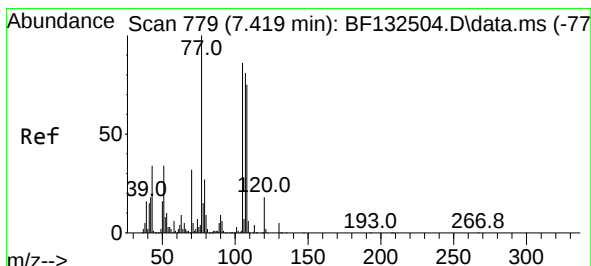
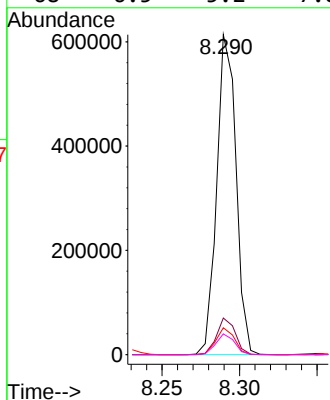
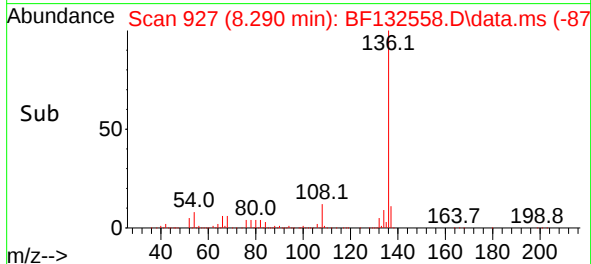
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



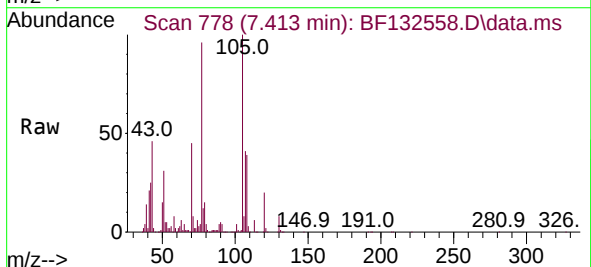
Tgt Ion:136 Resp: 53117
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.4 6.2 9.4
68 6.5 5.2 7.8

Manual Integrations
APPROVED

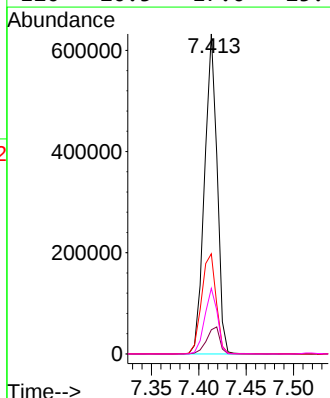
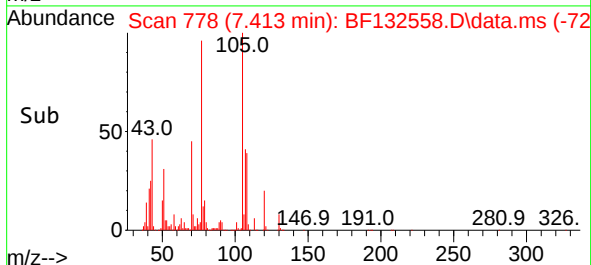
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

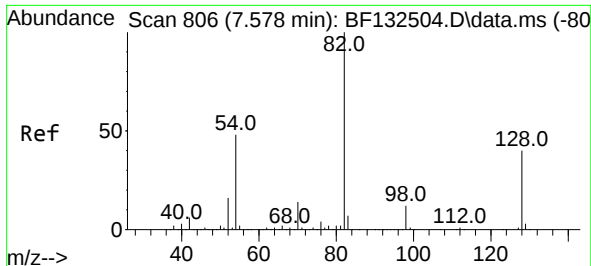


#22
Acetophenone
Concen: 43.707 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



Tgt Ion:105 Resp: 585410
Ion Ratio Lower Upper
105 100
71 7.5 5.0 7.4#
51 31.3 31.5 47.3#
120 20.5 17.0 25.4





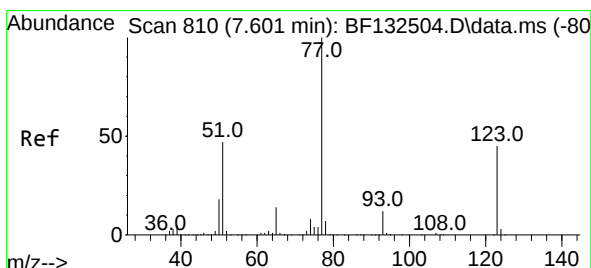
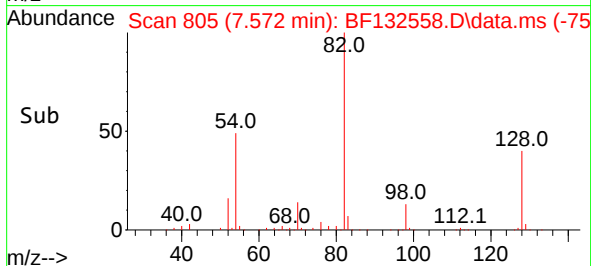
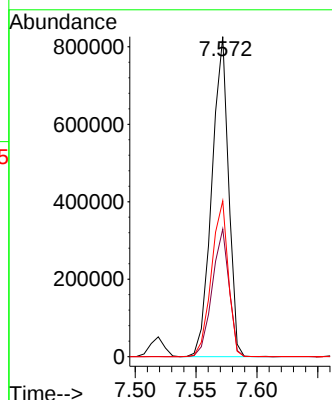
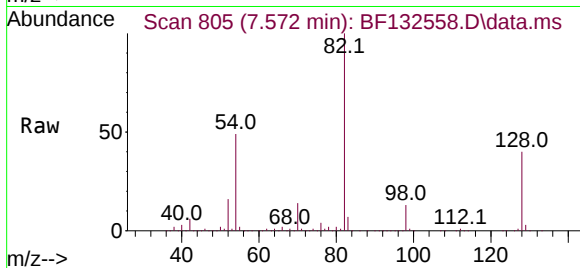
#23
Nitrobenzene-d5
Concen: 70.244 ng
RT: 7.572 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD

Tgt Ion: 82 Resp: 786434
Ion Ratio Lower Upper
82 100
128 39.9 32.2 48.2
54 48.7 38.4 57.6

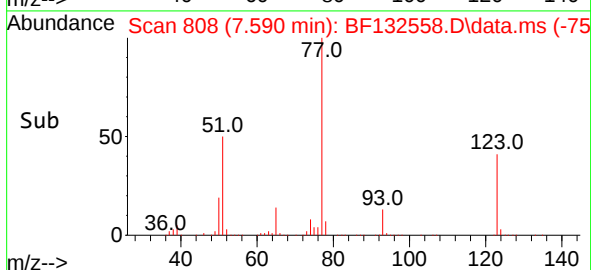
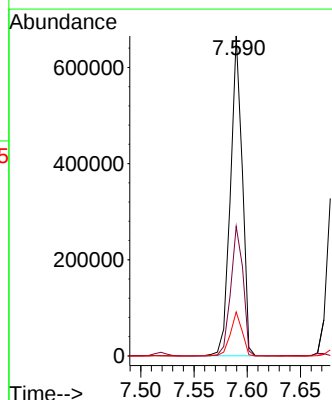
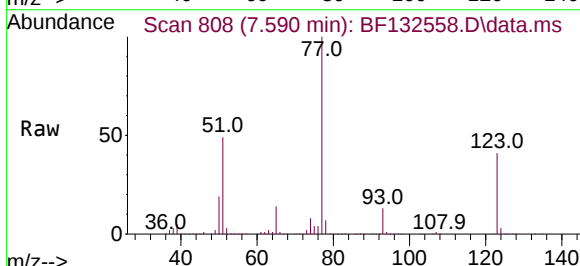
Manual Integrations
APPROVED

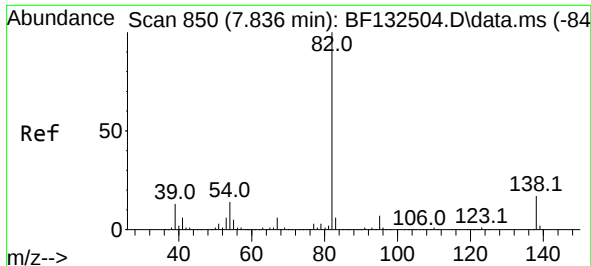
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#24
Nitrobenzene
Concen: 42.826 ng
RT: 7.590 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

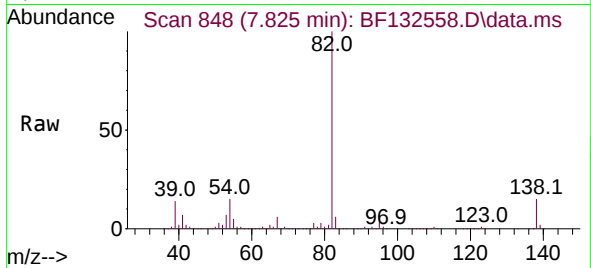
Tgt Ion: 77 Resp: 512792
Ion Ratio Lower Upper
77 100
123 40.5 35.8 53.6
65 13.7 10.9 16.3





#25
Isophorone
Concen: 42.645 ng
RT: 7.825 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

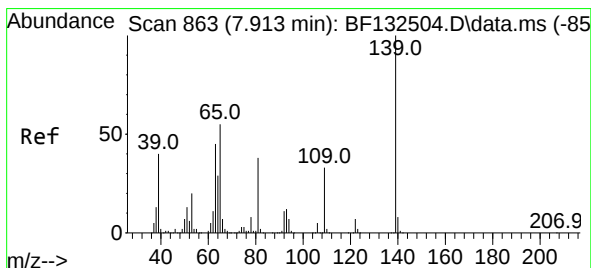
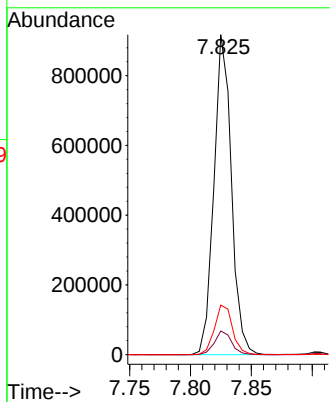
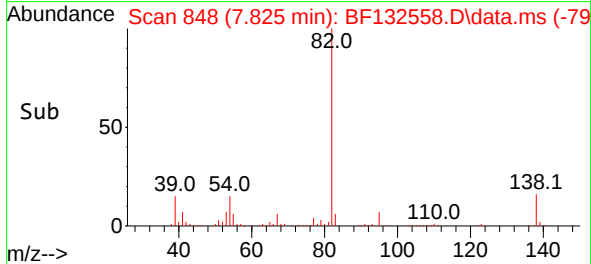
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion: 82 Resp: 915368
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 15.5 13.3 19.9

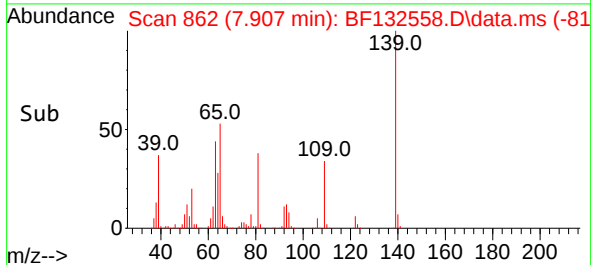
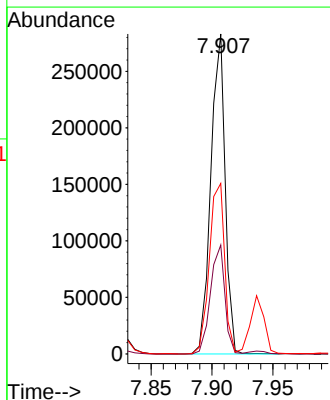
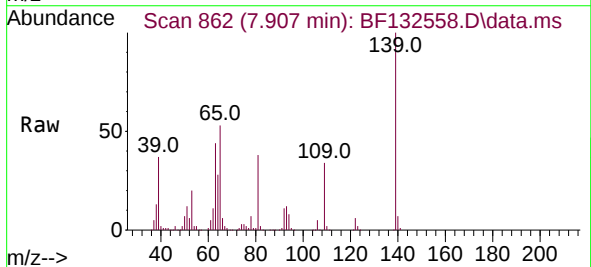
Manual Integrations
APPROVED

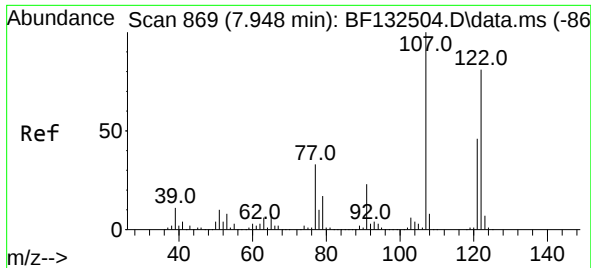
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#26
2-Nitrophenol
Concen: 43.941 ng
RT: 7.907 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

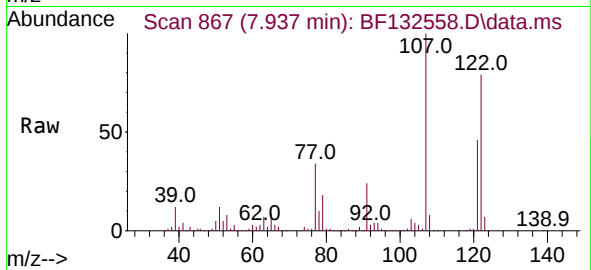
Tgt Ion:139 Resp: 232143
Ion Ratio Lower Upper
139 100
109 34.1 26.2 39.2
65 53.3 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 43.359 ng
RT: 7.937 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

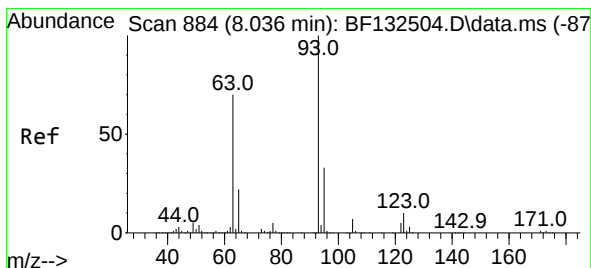
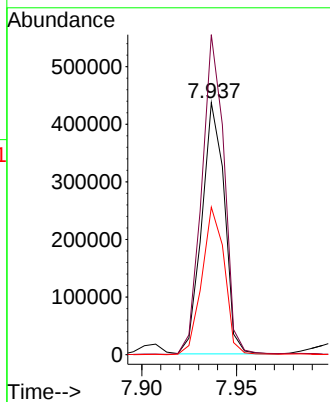
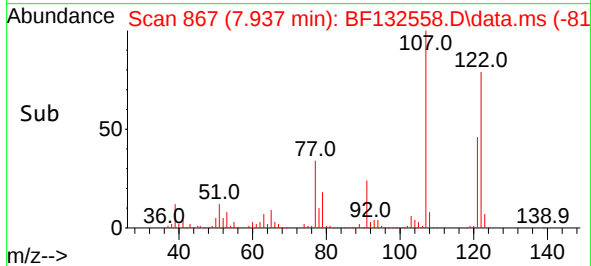
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



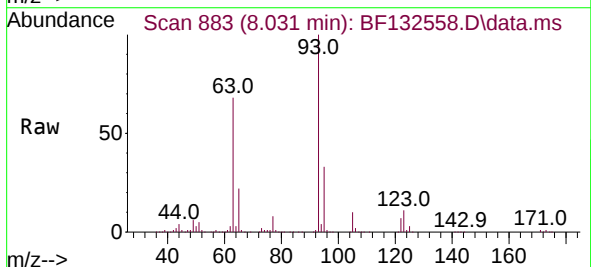
Tgt Ion:122 Resp: 361536
Ion Ratio Lower Upper
122 100
107 127.1 98.7 148.1
121 58.5 45.8 68.6

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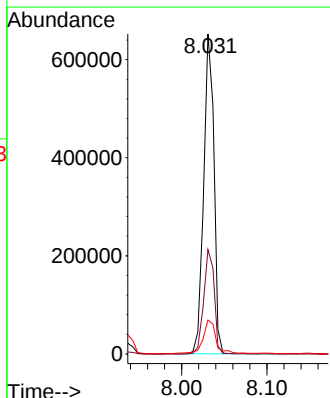
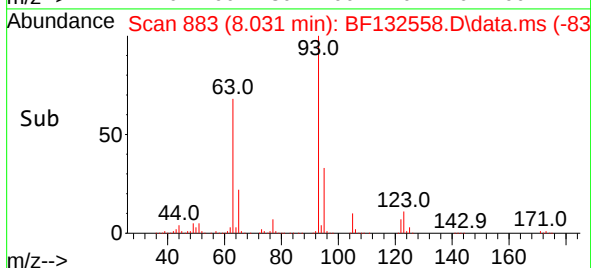
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.406 ng
RT: 8.031 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



Tgt Ion: 93 Resp: 545034
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 43.578 ng

RT: 8.148 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MSD

Tgt Ion:162 Resp: 361453

Ion Ratio Lower Upper

162 100

164 65.5 45.3 85.3

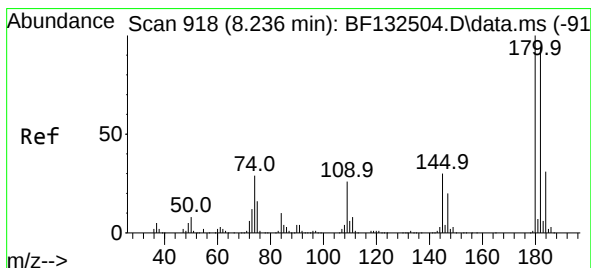
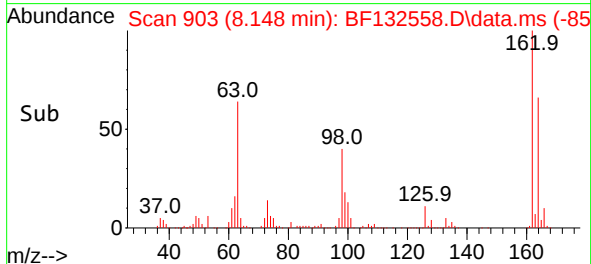
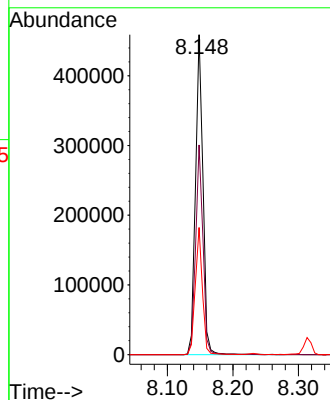
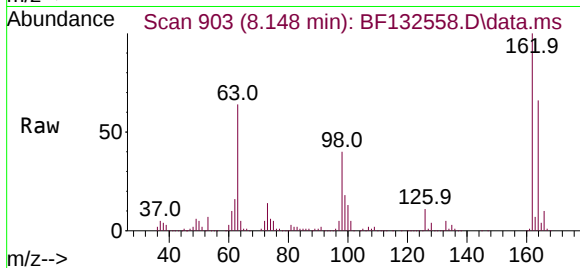
98 39.7 17.9 57.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.929 ng

RT: 8.231 min Scan# 917

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

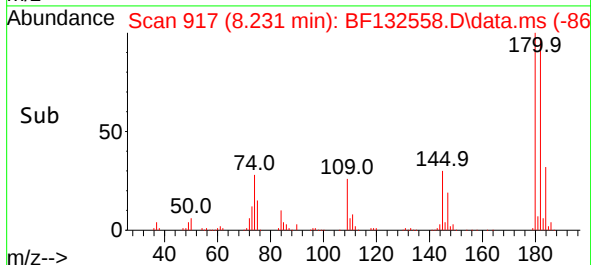
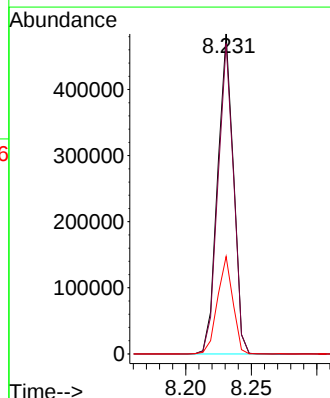
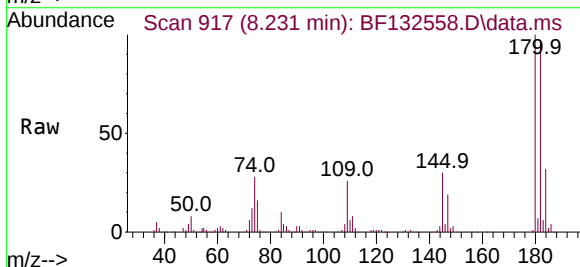
Tgt Ion:180 Resp: 404655

Ion Ratio Lower Upper

180 100

182 97.0 75.1 112.7

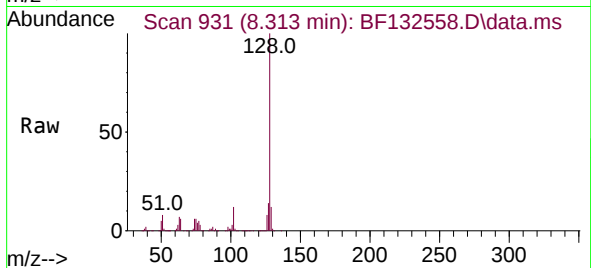
145 30.4 23.8 35.6





#31
Naphthalene
Concen: 42.568 ng
RT: 8.313 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

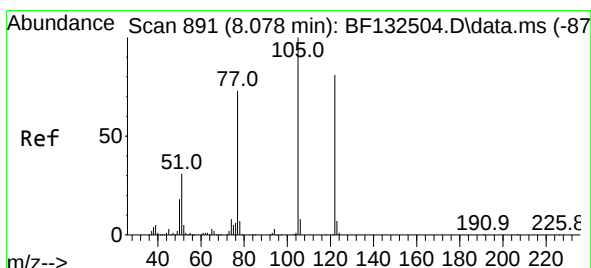
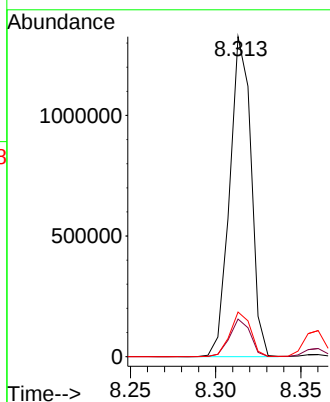
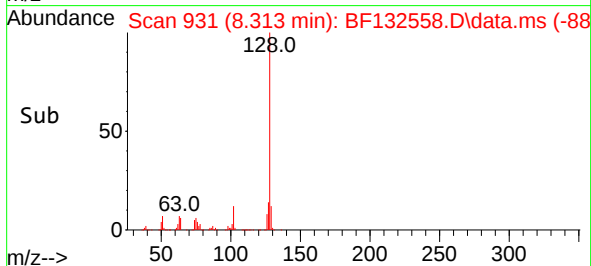
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:128 Resp: 1157535
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.9 11.0 16.6

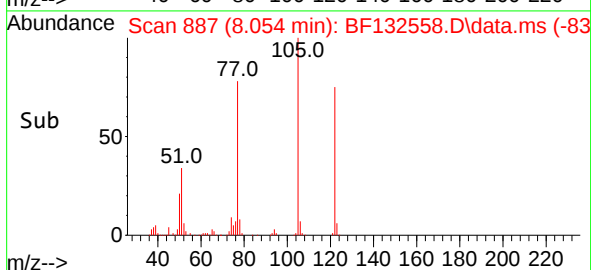
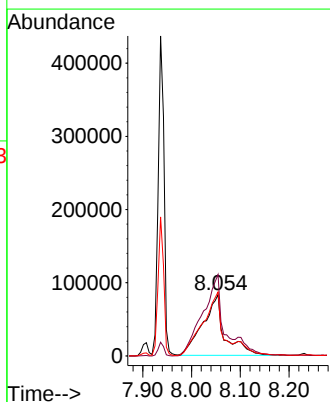
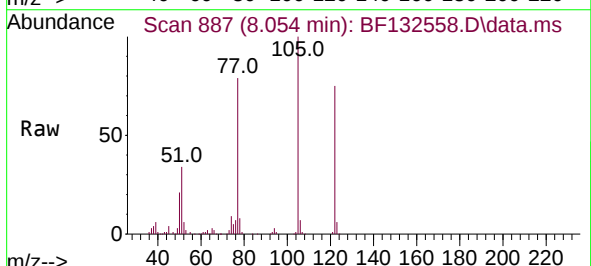
Manual Integrations
APPROVED

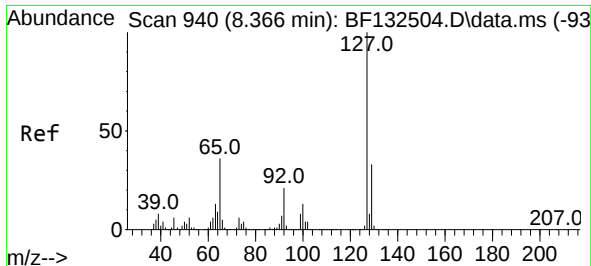
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#32
Benzoic acid
Concen: 40.381 ng m
RT: 8.054 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Tgt Ion:122 Resp: 260982
Ion Ratio Lower Upper
122 100
105 133.0 102.6 142.6
77 104.6 70.2 110.2





#33
4-Chloroaniline
Concen: 8.957 ng
RT: 8.360 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

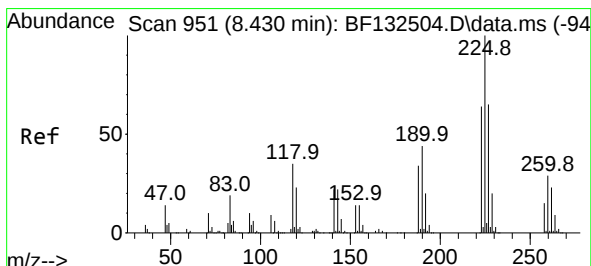
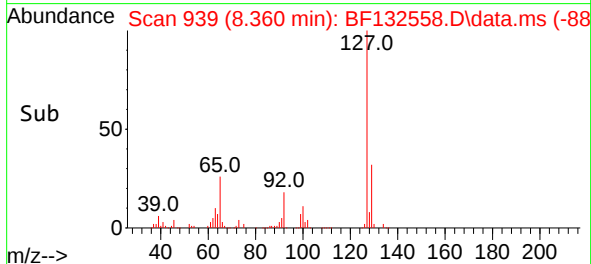
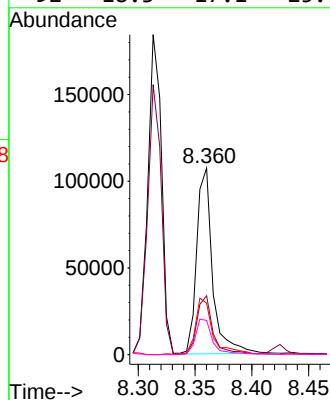
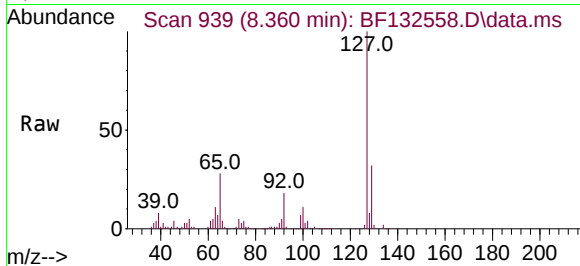
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD

Tgt Ion:127 Resp: 104376

Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.4	39.6
65	27.6	28.8	43.2
92	18.3	17.1	25.7

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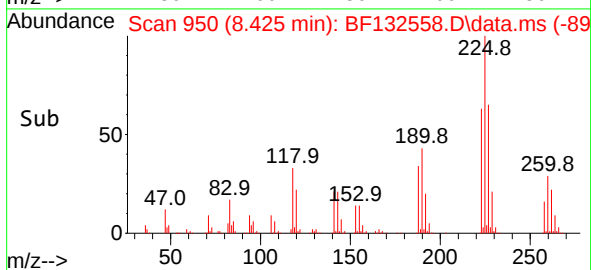
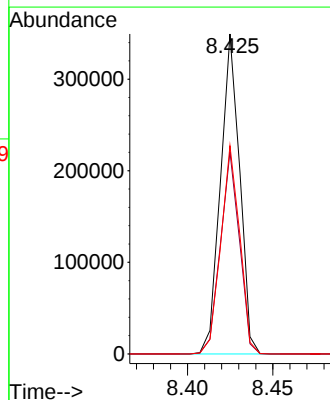
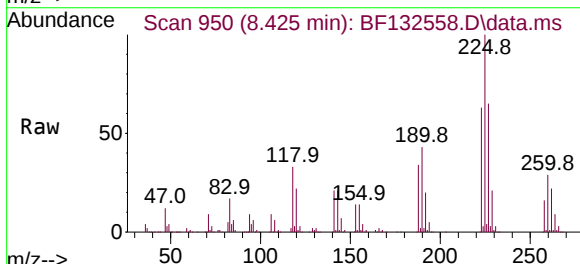
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#34
Hexachlorobutadiene
Concen: 47.597 ng
RT: 8.425 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Tgt Ion:225 Resp: 272404

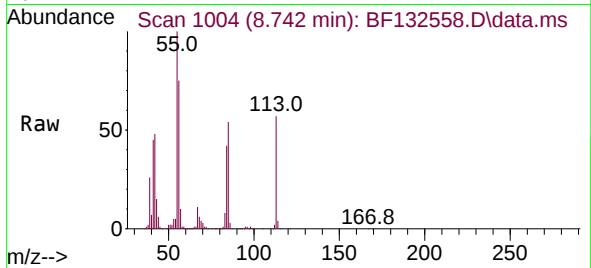
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.4
227	65.1	51.7	77.5





#35
Caprolactam
Concen: 42.610 ng m
RT: 8.742 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

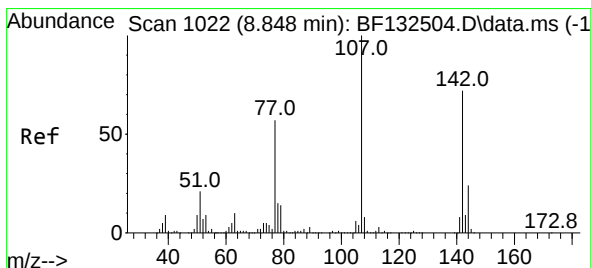
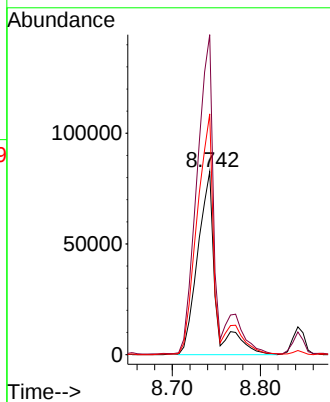
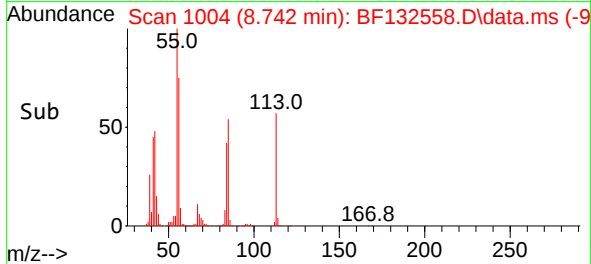
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:113 Resp: 116515
Ion Ratio Lower Upper
113 100
55 174.9 149.4 189.4
56 131.6 105.0 145.0

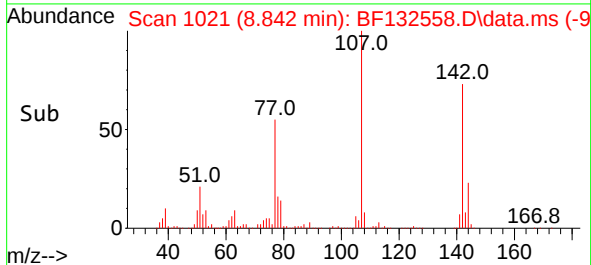
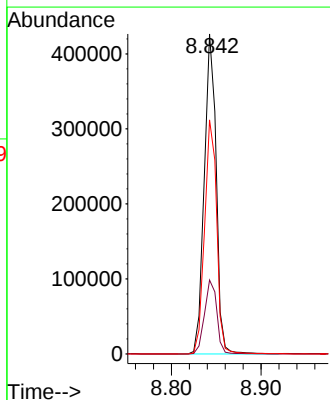
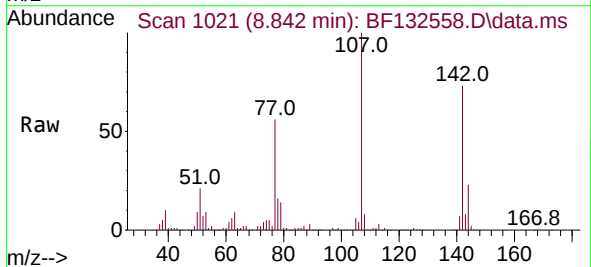
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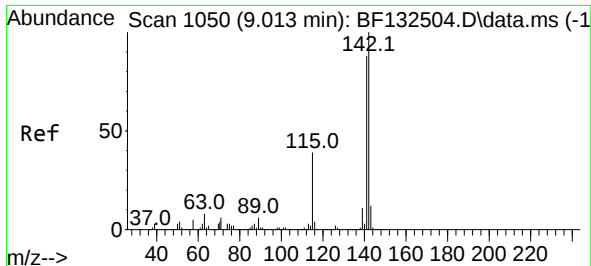
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#36
4-Chloro-3-methylphenol
Concen: 43.242 ng
RT: 8.842 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Tgt Ion:107 Resp: 393891
Ion Ratio Lower Upper
107 100
144 23.1 18.9 28.3
142 73.1 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.211 ng

RT: 9.007 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MSD

Tgt Ion:142 Resp: 76371

Ion Ratio Lower Upper

142 100

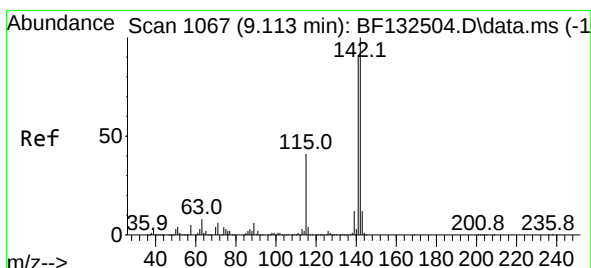
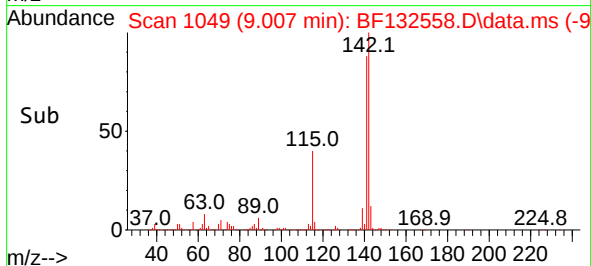
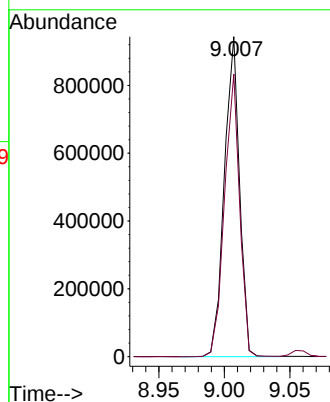
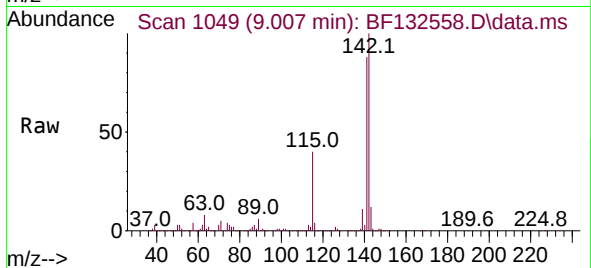
141 88.3 70.2 105.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#38

1-Methylnaphthalene

Concen: 40.273 ng

RT: 9.107 min Scan# 1066

Delta R.T. 0.000 min

Lab File: BF132558.D

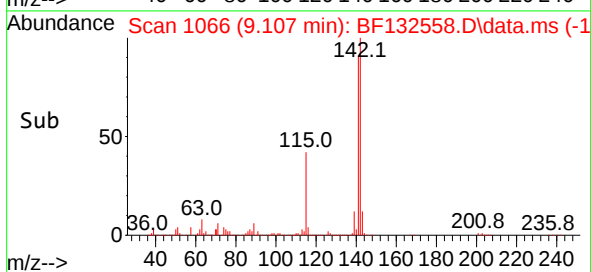
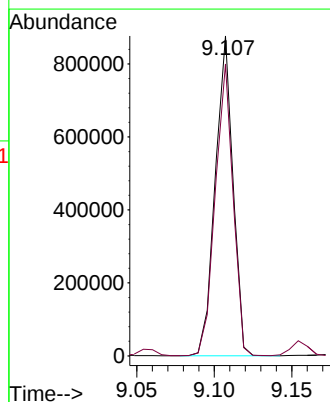
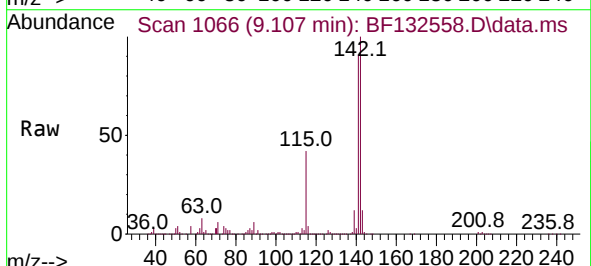
Acq: 27 Feb 2023 18:10

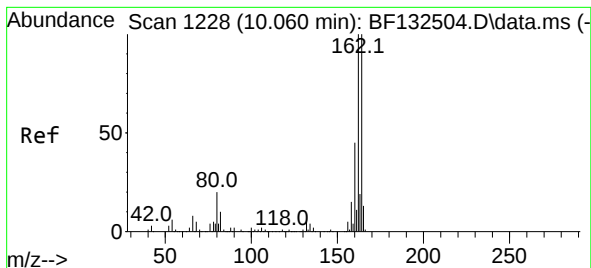
Tgt Ion:142 Resp: 697468

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.054 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MSD

Tgt Ion:164 Resp: 268658

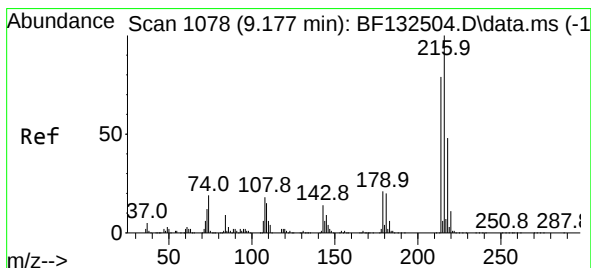
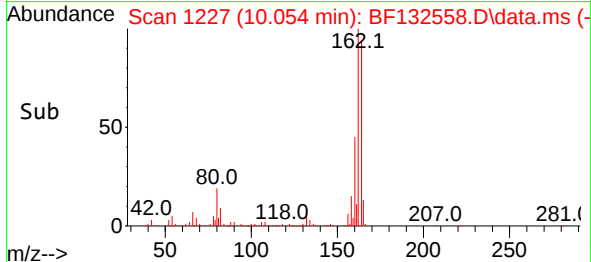
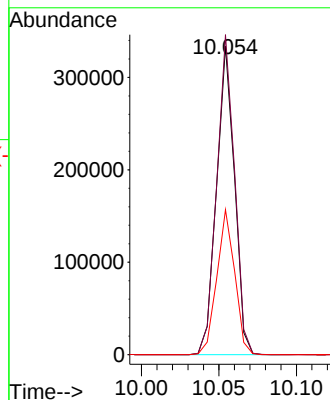
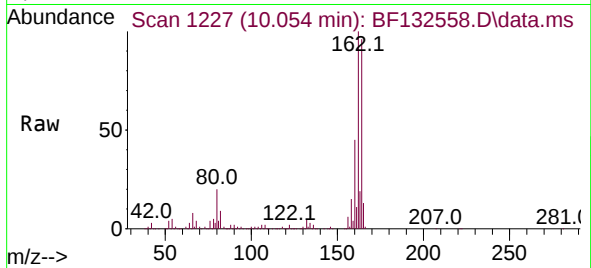
Ion	Ratio	Lower	Upper
164	100		
162	103.7	79.8	119.8
160	47.0	35.8	53.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.017 ng

RT: 9.172 min Scan# 1077

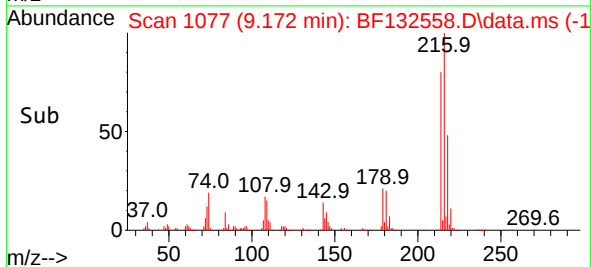
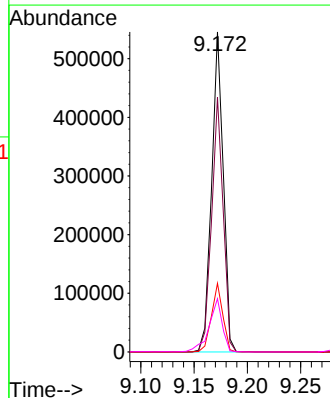
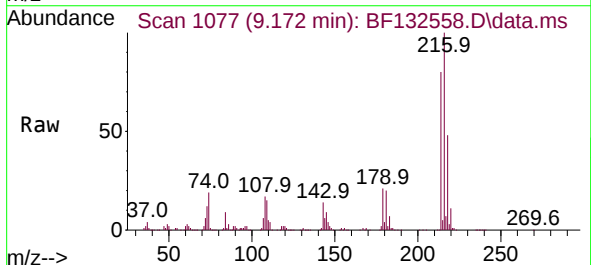
Delta R.T. 0.000 min

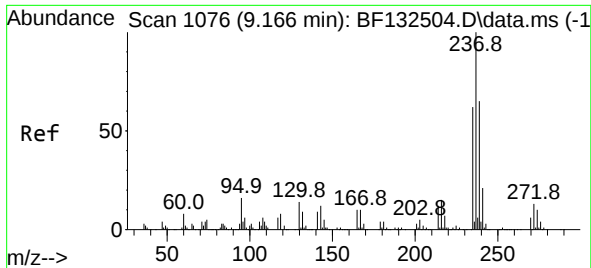
Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

Tgt Ion:216 Resp: 413275

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.6
179	20.9	16.6	24.8
108	18.9	15.4	23.0





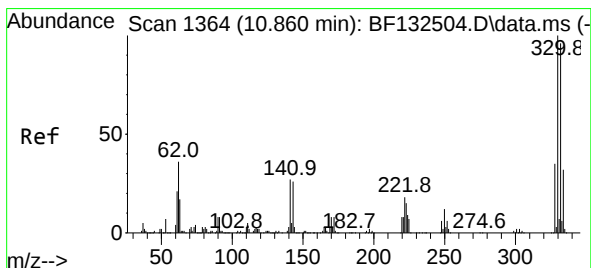
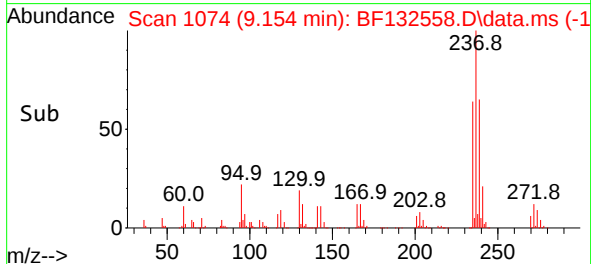
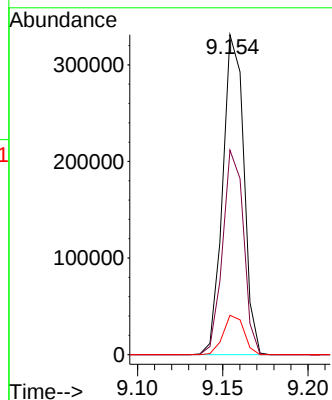
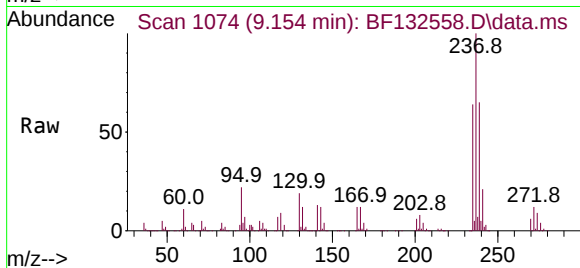
#41
Hexachlorocyclopentadiene
Concen: 59.803 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD

Tgt Ion:237 Resp: 28511
Ion Ratio Lower Upper
237 100
235 63.9 42.4 82.4
272 12.3 0.0 32.7

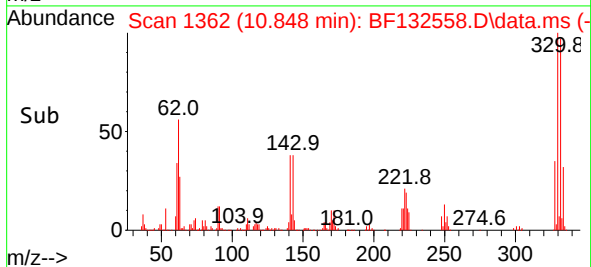
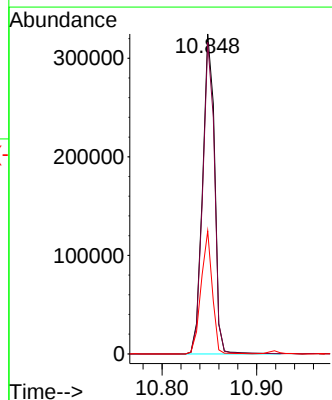
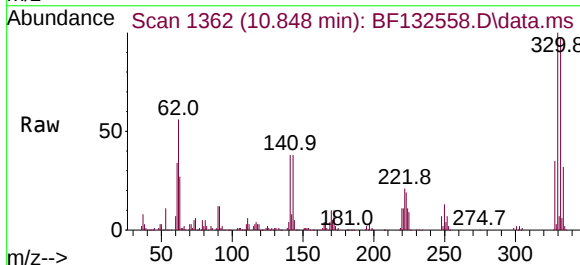
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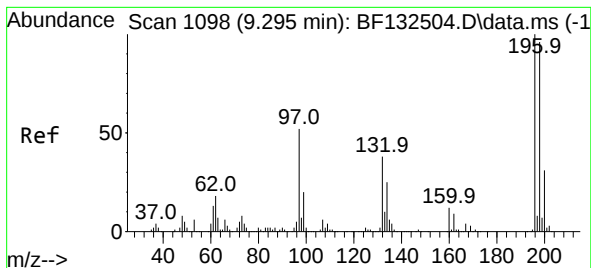
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#42
2,4,6-Tribromophenol
Concen: 98.405 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

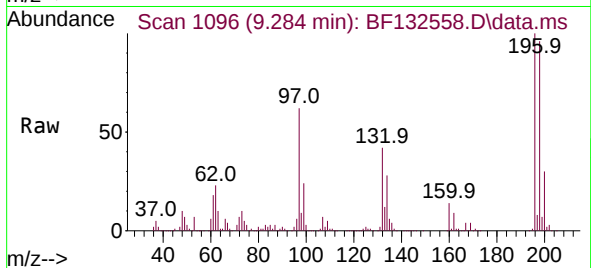
Tgt Ion:330 Resp: 285513
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 35.8 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 45.624 ng
RT: 9.284 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

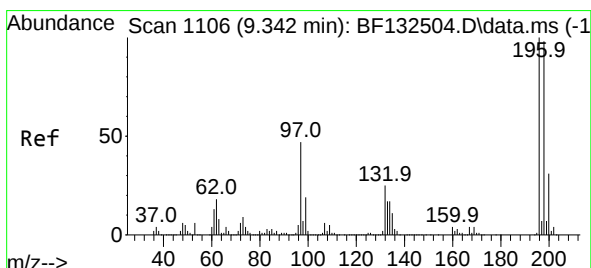
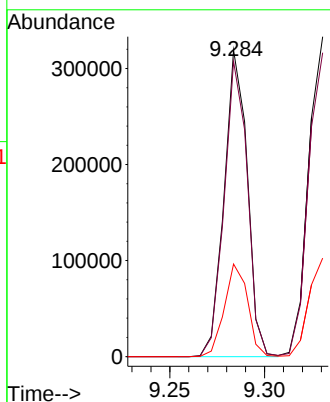
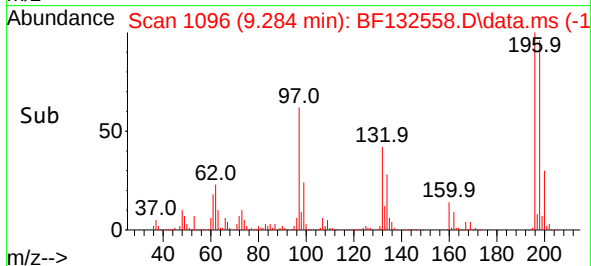
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



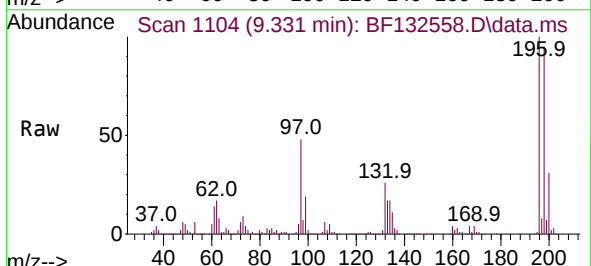
Tgt Ion:196 Resp: 271773
Ion Ratio Lower Upper
196 100
198 96.3 77.1 115.7
200 30.2 25.0 37.4

Manual Integrations
APPROVED

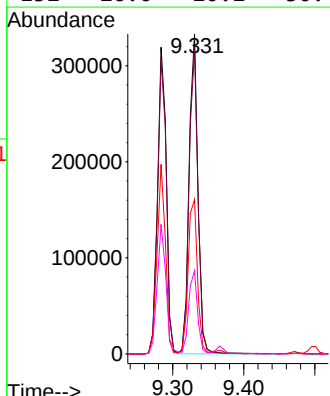
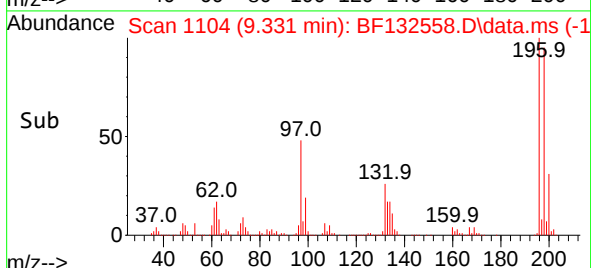
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

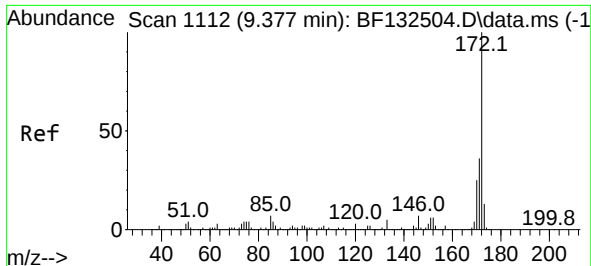


#44
2,4,5-Trichlorophenol
Concen: 41.578 ng
RT: 9.331 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



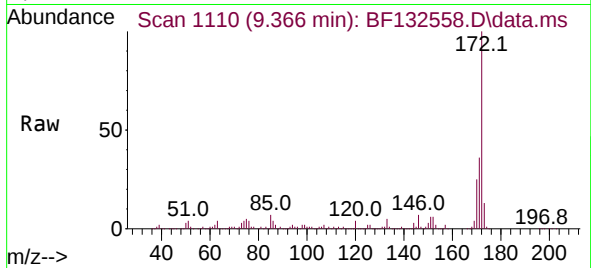
Tgt Ion:196 Resp: 289067
Ion Ratio Lower Upper
196 100
198 95.0 78.3 117.5
97 48.3 38.1 57.1
132 26.0 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 69.891 ng
RT: 9.366 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

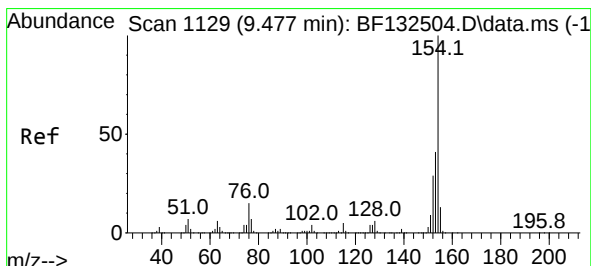
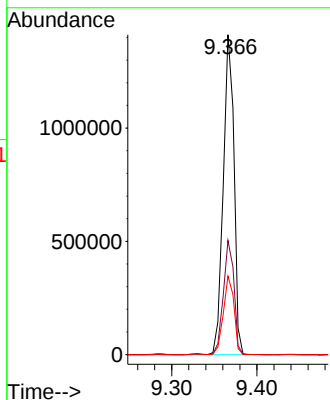
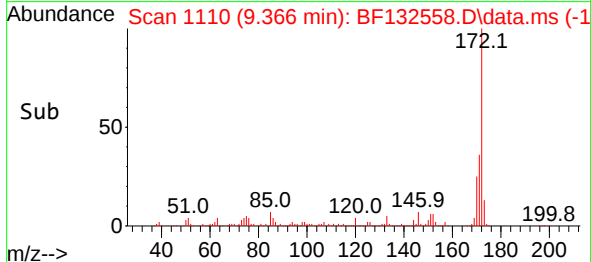
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



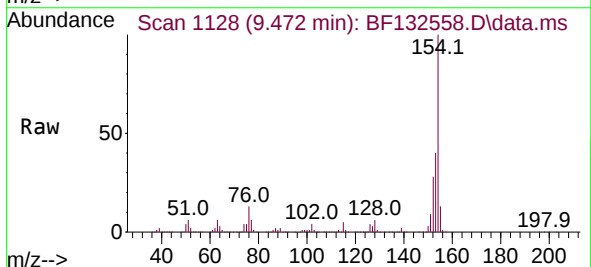
Tgt Ion:172 Resp: 1233159
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.6 19.7 29.5

Manual Integrations
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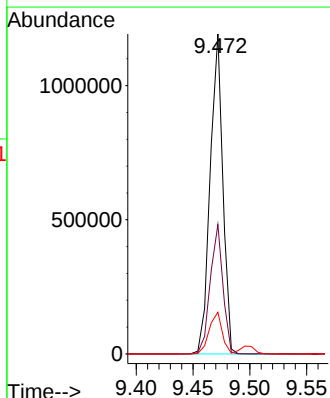
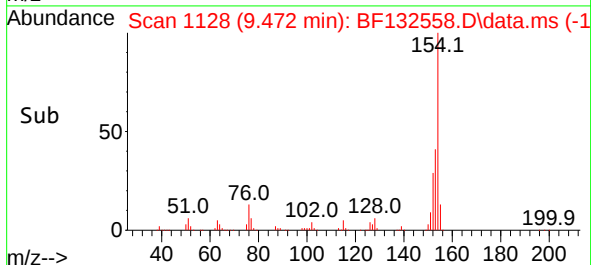
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

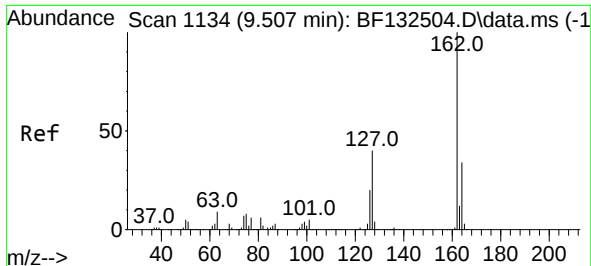


#46
1,1'-Biphenyl
Concen: 45.638 ng
RT: 9.472 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



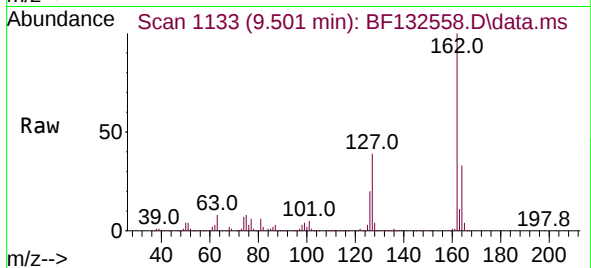
Tgt Ion:154 Resp: 928020
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 13.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 46.036 ng
RT: 9.501 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

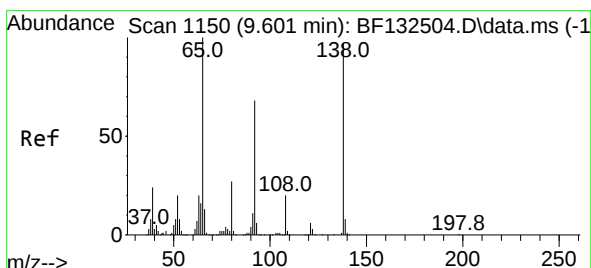
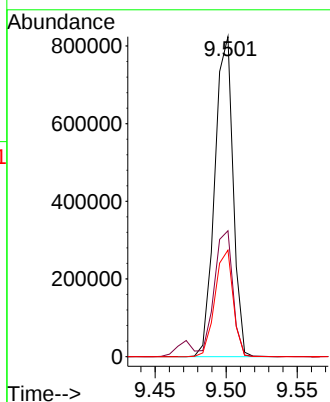
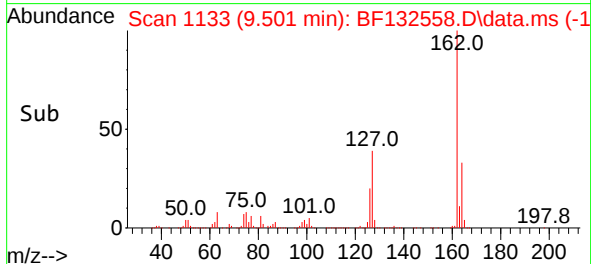
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:162 Resp: 742192
Ion Ratio Lower Upper
162 100
127 39.4 32.3 48.5
164 33.3 26.9 40.3

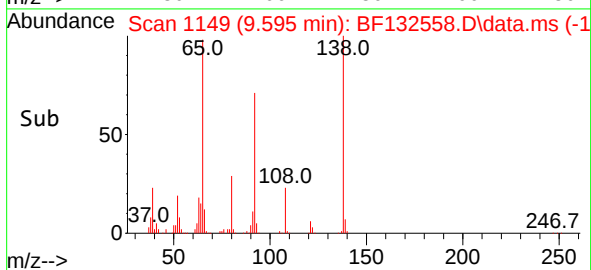
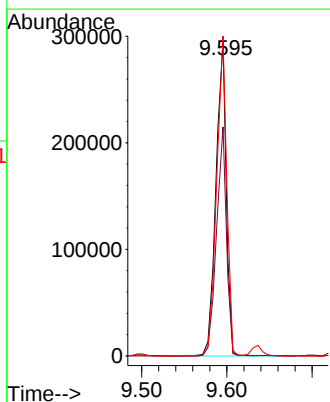
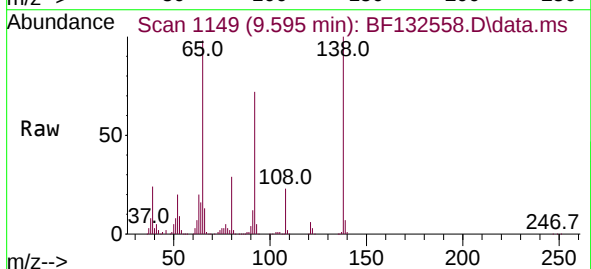
Manual Integrations
APPROVED

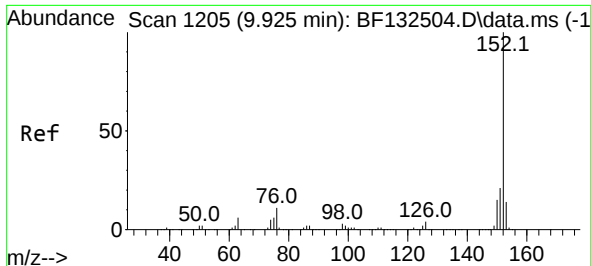
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#48
2-Nitroaniline
Concen: 41.799 ng
RT: 9.595 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Tgt Ion: 65 Resp: 248195
Ion Ratio Lower Upper
65 100
92 72.7 54.5 81.7
138 101.7 77.2 115.8





#49

Acenaphthylene

Concen: 42.639 ng

RT: 9.919 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MSD

Tgt Ion:152 Resp: 1094035

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

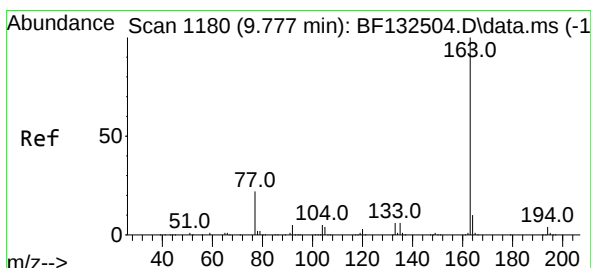
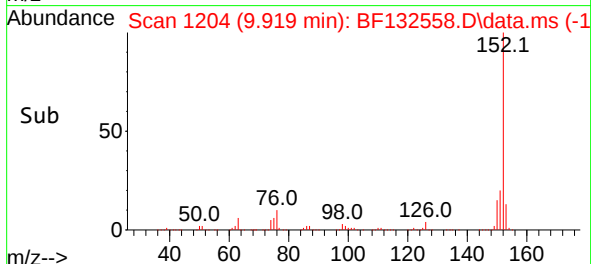
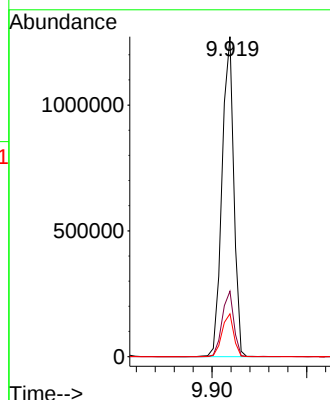
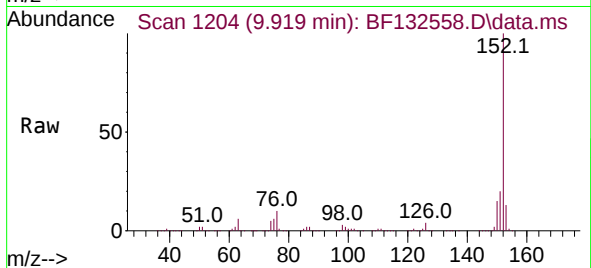
153 13.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#50

Dimethylphthalate

Concen: 46.231 ng

RT: 9.772 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

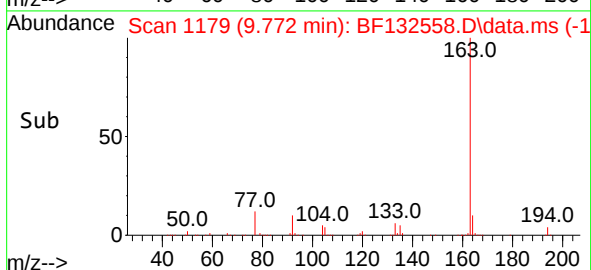
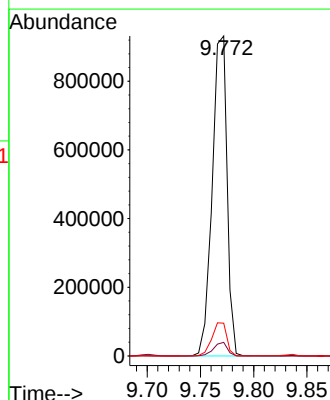
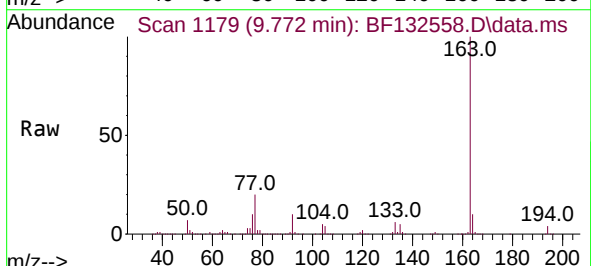
Tgt Ion:163 Resp: 904363

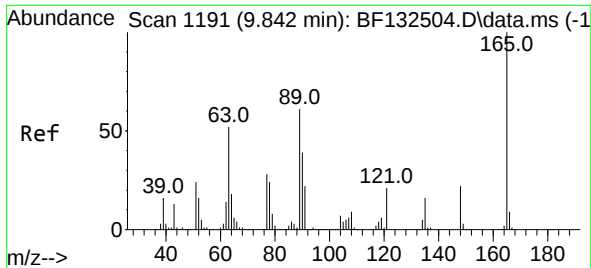
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

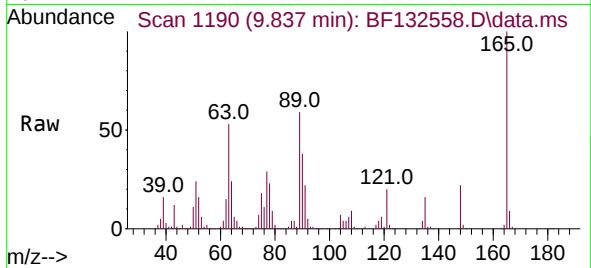
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.933 ng
RT: 9.837 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

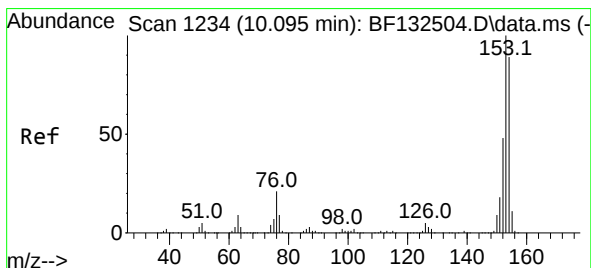
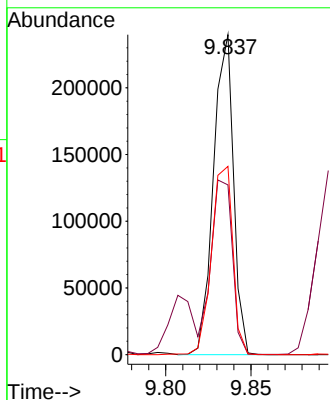
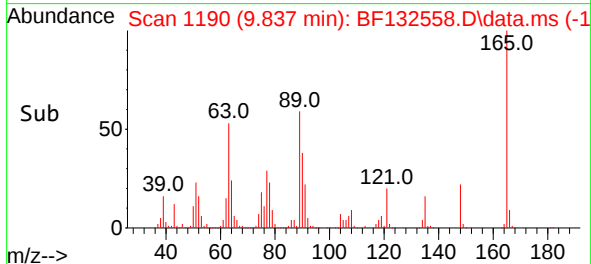
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



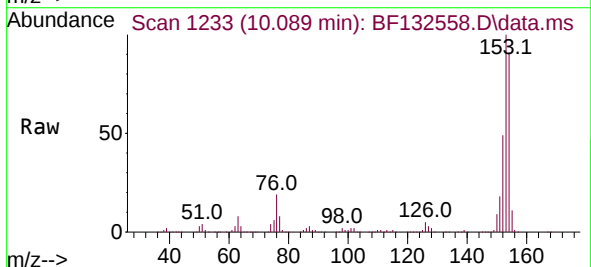
Tgt Ion:165 Resp: 195718
Ion Ratio Lower Upper
165 100
63 53.0 47.3 70.9
89 58.8 48.9 73.3

Manual Integrations
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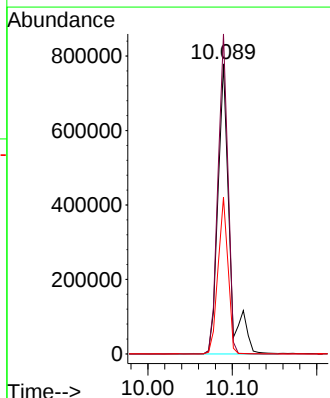
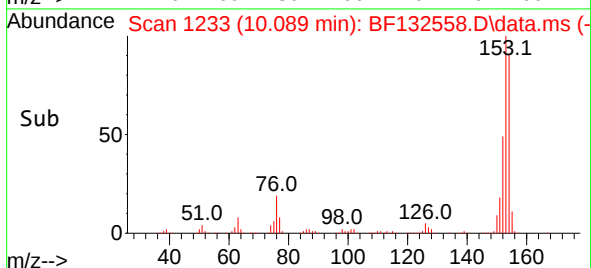
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

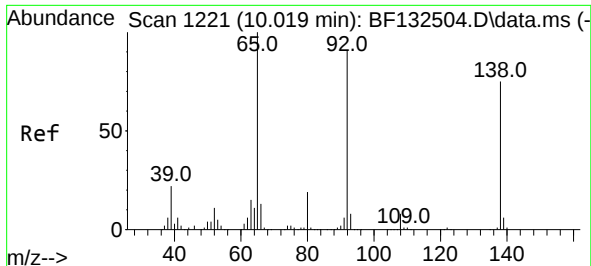


#52
Acenaphthene
Concen: 45.140 ng m
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



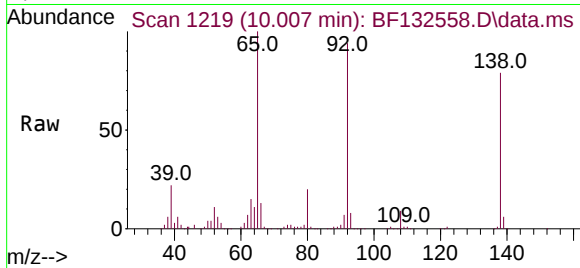
Tgt Ion:154 Resp: 735462
Ion Ratio Lower Upper
154 100
153 110.3 89.8 134.8
152 53.9 43.3 64.9





#53
3-Nitroaniline
Concen: 25.915 ng
RT: 10.007 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

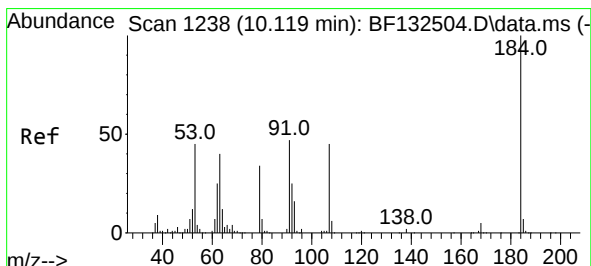
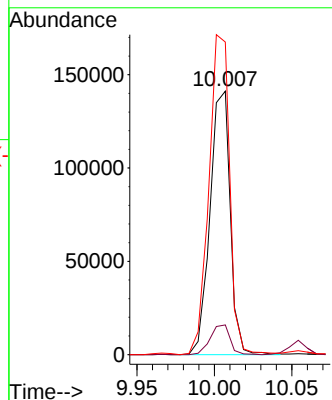
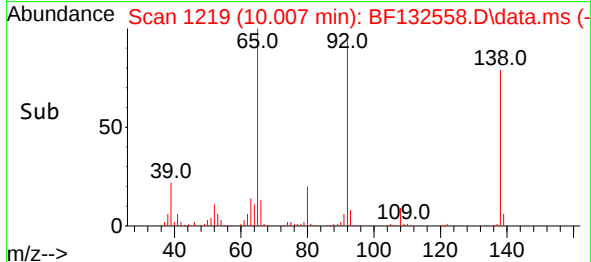
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



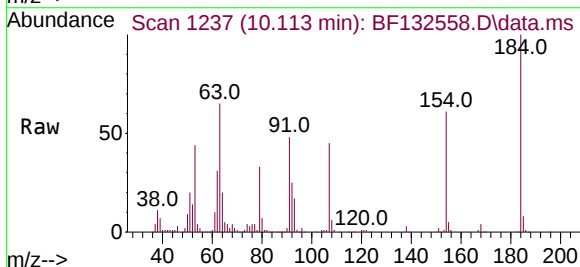
Tgt Ion:138 Resp: 129148
Ion Ratio Lower Upper
138 100
108 11.3 8.1 12.1
92 118.6 97.2 145.8

Manual Integrations
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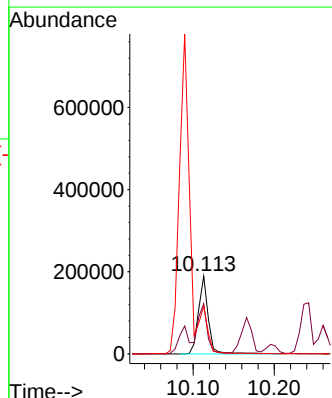
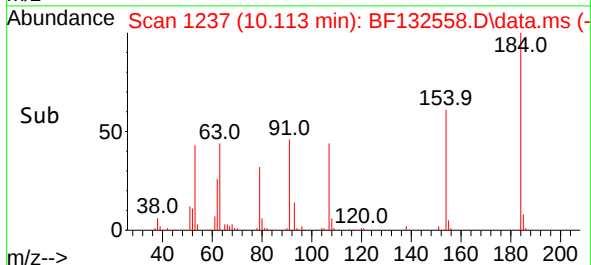
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

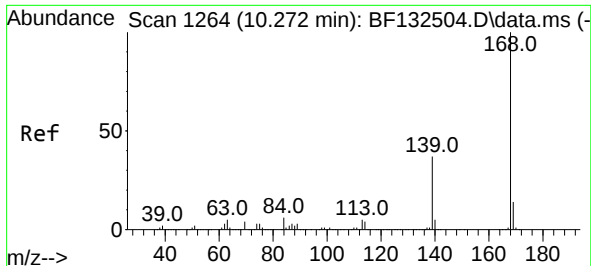


#54
2,4-Dinitrophenol
Concen: 57.110 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



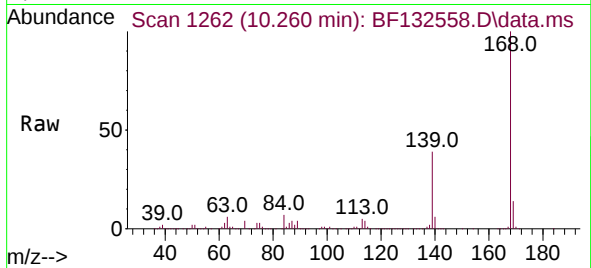
Tgt Ion:184 Resp: 158812
Ion Ratio Lower Upper
184 100
63 64.6 51.4 77.2
154 61.5 48.3 72.5





#55
Dibenzenofuran
Concen: 42.452 ng
RT: 10.260 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

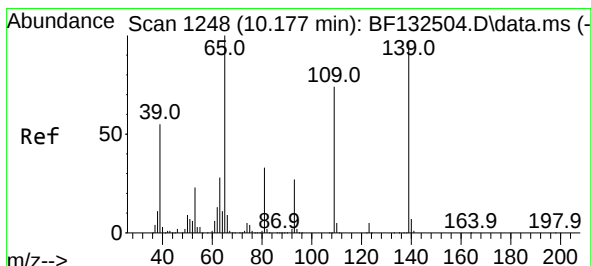
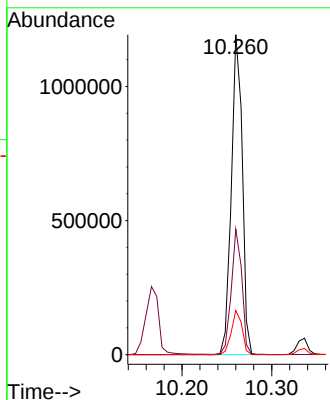
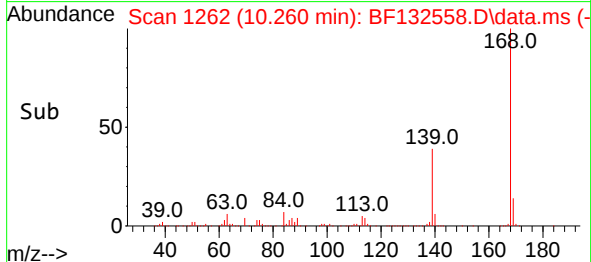
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:168 Resp: 1008324
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 13.8 10.9 16.3

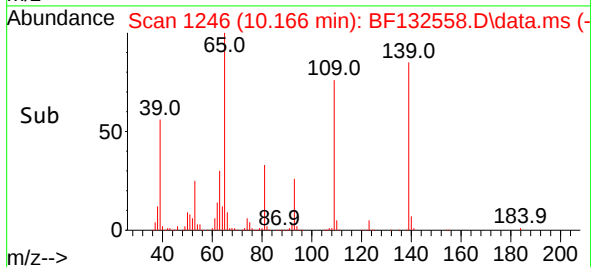
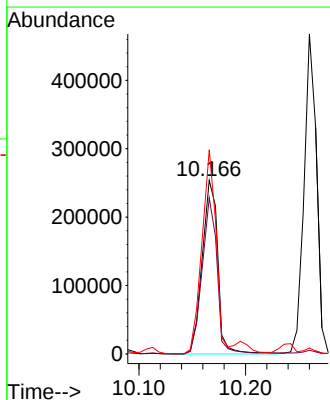
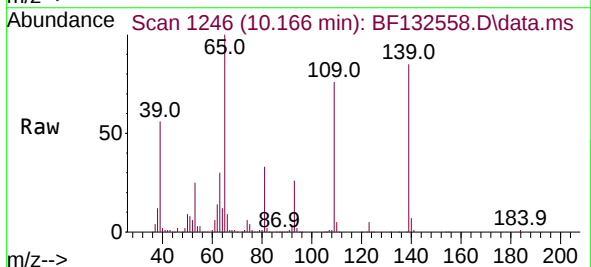
Manual Integrations
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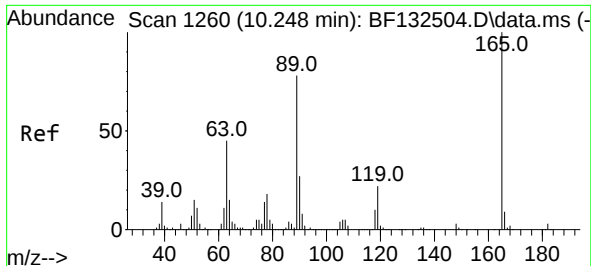
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#56
4-Nitrophenol
Concen: 69.242 ng
RT: 10.166 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

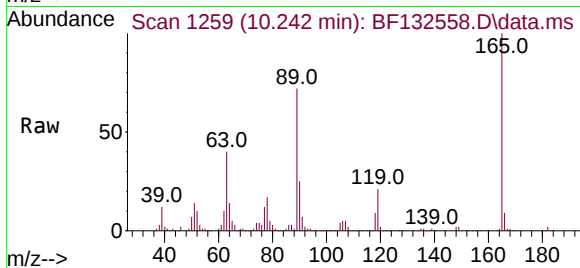
Tgt Ion:139 Resp: 257335
Ion Ratio Lower Upper
139 100
109 89.9 56.7 96.7
65 117.6 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 42.348 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

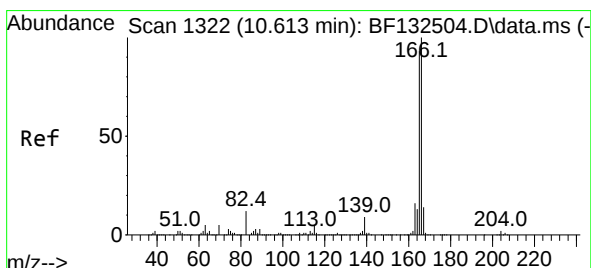
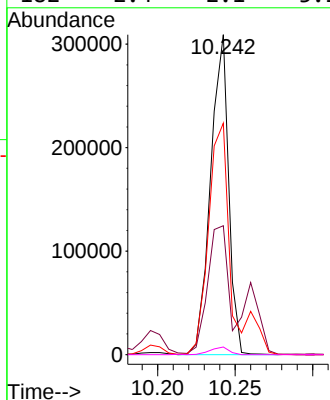
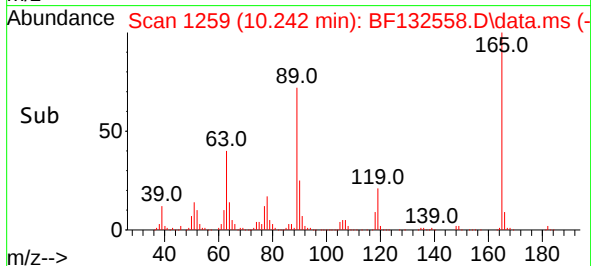
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:165 Resp: 250984
Ion Ratio Lower Upper
165 100
63 40.3 36.5 54.7
89 72.3 62.4 93.6
182 2.4 2.1 3.1

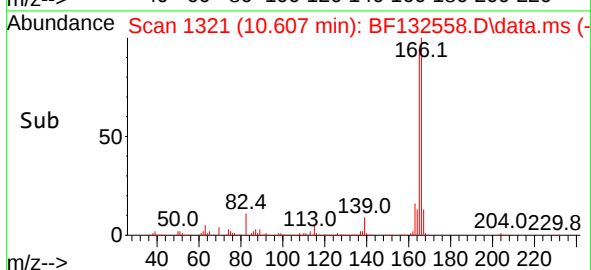
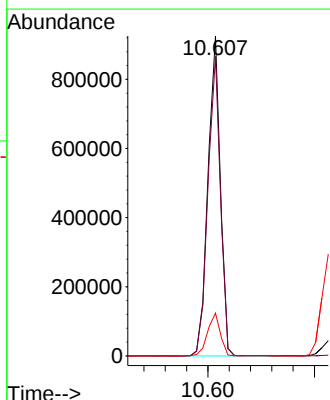
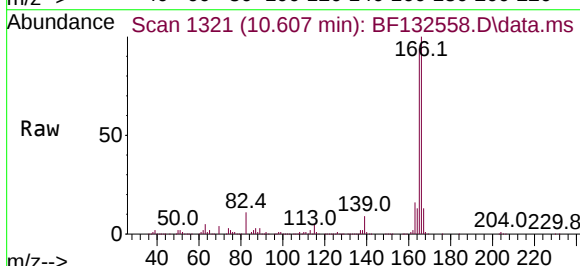
Manual Integrations
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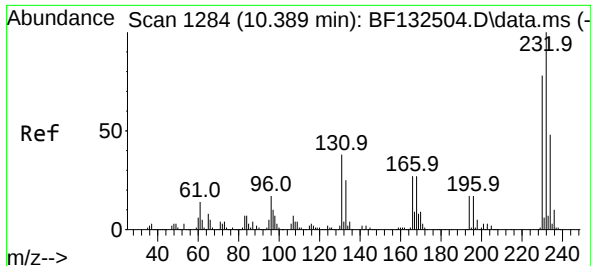
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#58
Fluorene
Concen: 41.124 ng
RT: 10.607 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

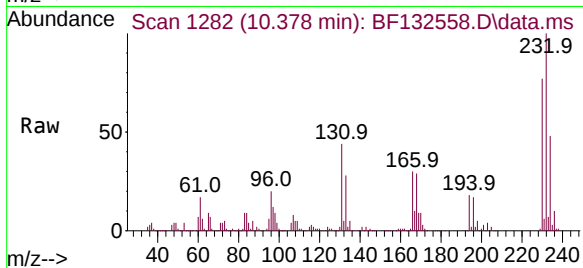
Tgt Ion:166 Resp: 747157
Ion Ratio Lower Upper
166 100
165 93.6 74.2 111.4
167 13.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.280 ng
RT: 10.378 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

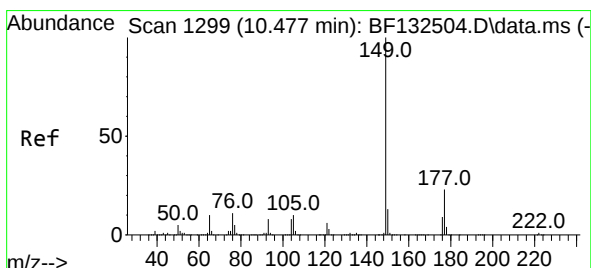
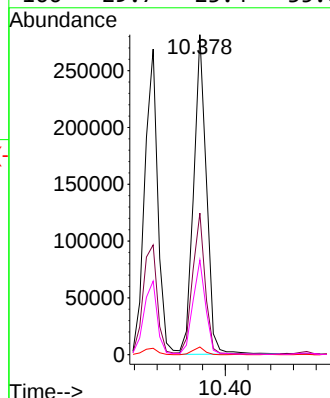
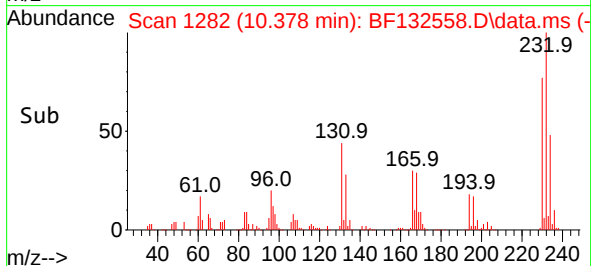
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



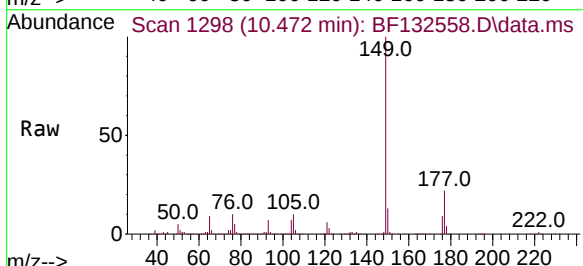
Tgt Ion:232 Resp: 218358
Ion Ratio Lower Upper
232 100
131 43.8 33.8 50.8
130 2.2 1.7 2.5
166 29.7 23.4 35.0

Manual Integrations
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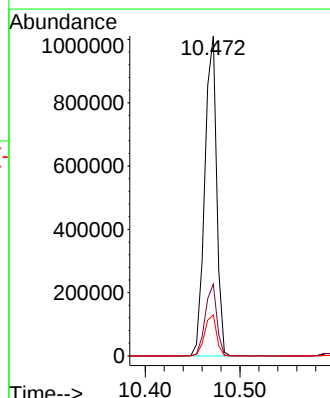
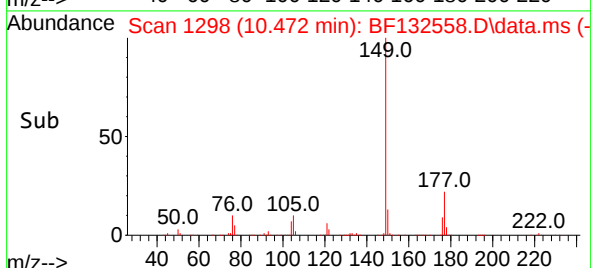
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

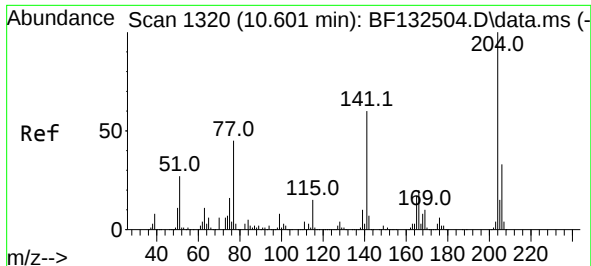


#60
Diethylphthalate
Concen: 45.961 ng
RT: 10.472 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



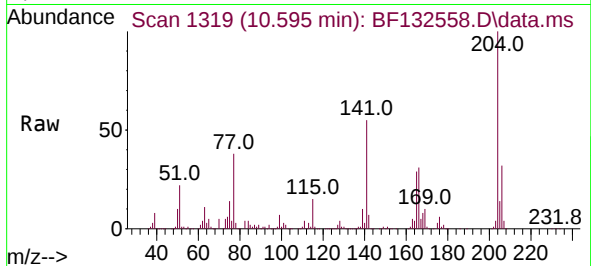
Tgt Ion:149 Resp: 878084
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.561 ng
RT: 10.595 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

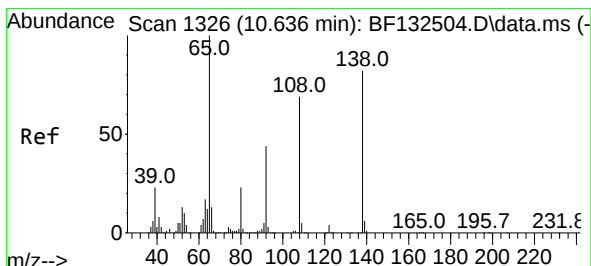
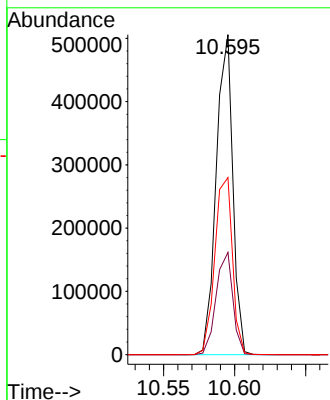
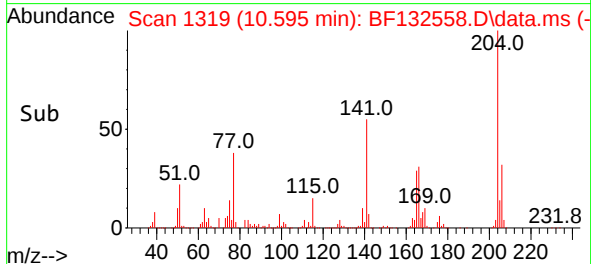
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:204 Resp: 410568
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 55.3 47.8 71.8

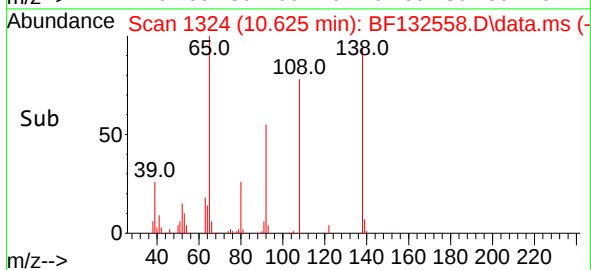
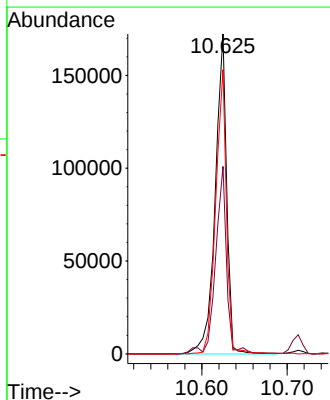
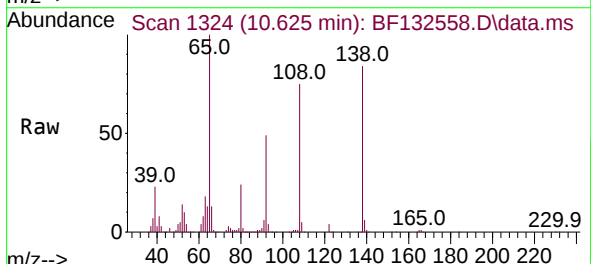
Manual Integrations
APPROVED

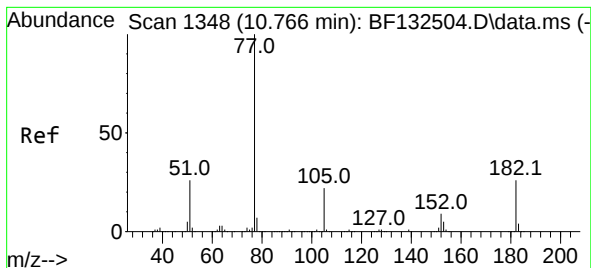
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#62
4-Nitroaniline
Concen: 32.926 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

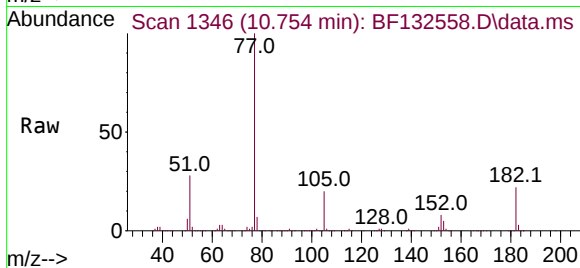
Tgt Ion:138 Resp: 161068
Ion Ratio Lower Upper
138 100
92 58.6 33.8 73.8
108 88.8 63.7 103.7





#63
Azobenzene
Concen: 53.431 ng
RT: 10.754 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

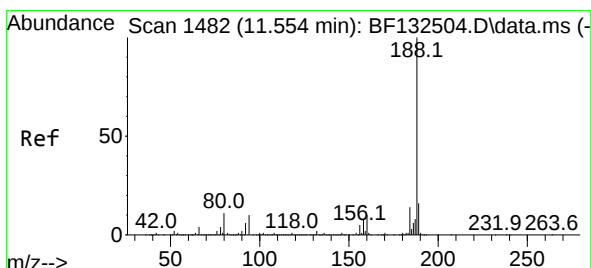
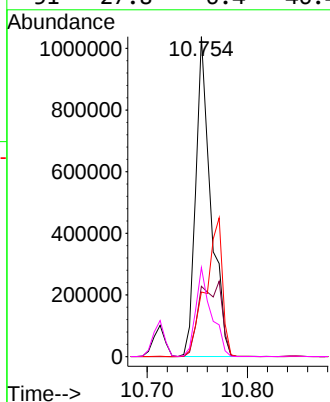
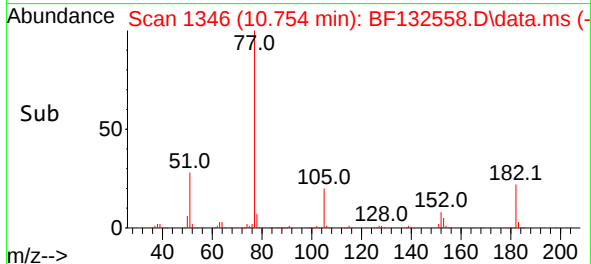
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



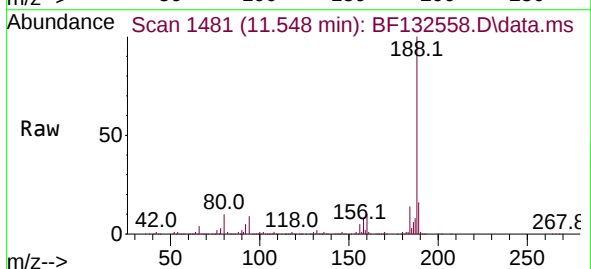
Tgt Ion: 77 Resp: 1081093
Ion Ratio Lower Upper
77 100
182 22.0 5.5 45.5
105 20.2 1.8 41.8
51 27.8 6.4 46.4

Manual Integrations
APPROVED

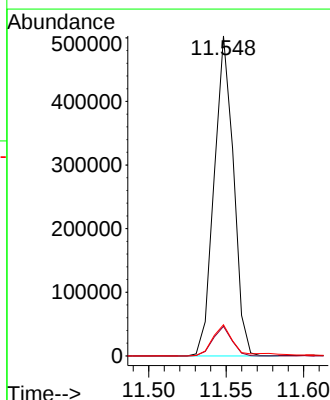
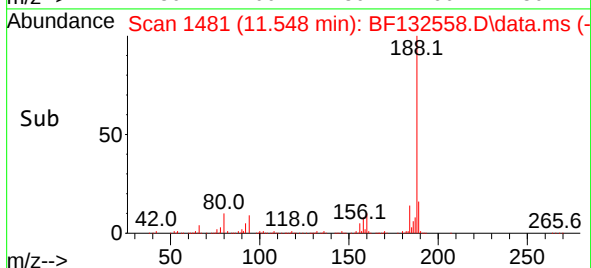
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

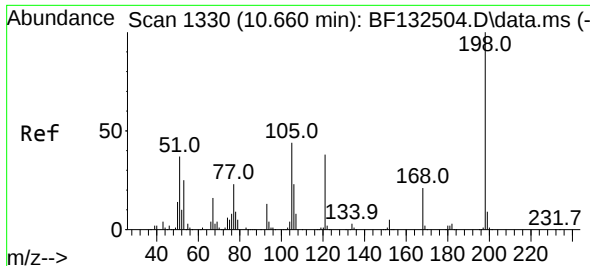


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



Tgt Ion:188 Resp: 438349
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.8 8.7 13.1





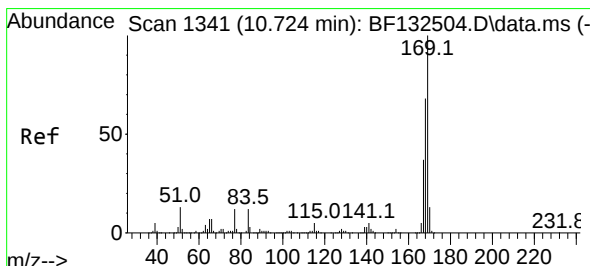
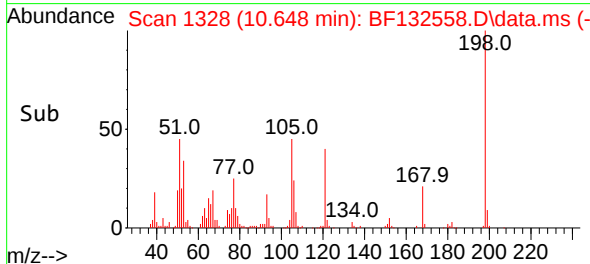
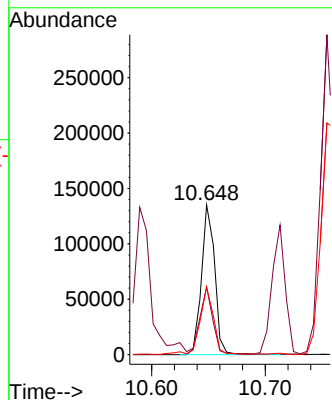
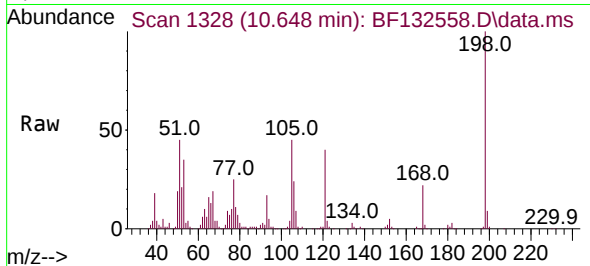
#65
4,6-Dinitro-2-methylphenol
Concen: 36.866 ng
RT: 10.648 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD

Tgt Ion:198 Resp: 109397
Ion Ratio Lower Upper
198 100
51 45.3 20.6 60.6
105 45.1 24.3 64.3

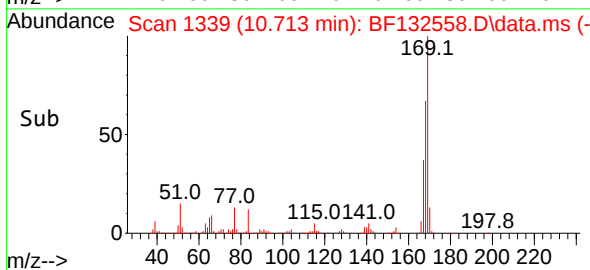
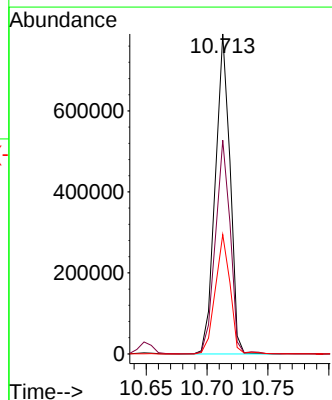
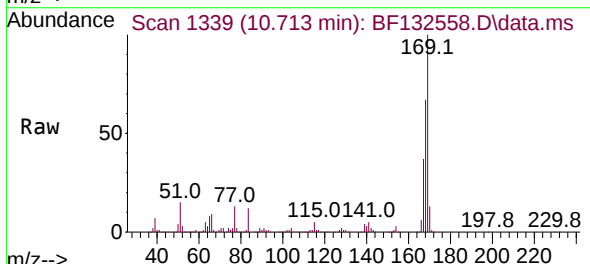
Manual Integrations
APPROVED

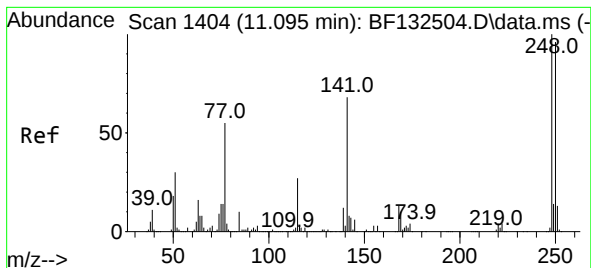
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#66
n-Nitrosodiphenylamine
Concen: 48.547 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

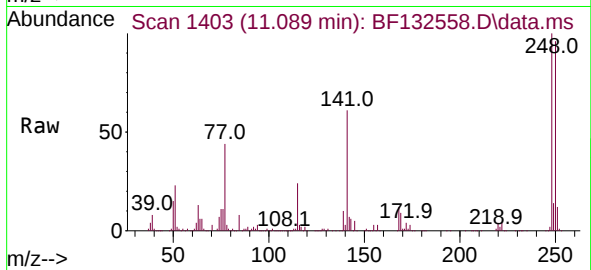
Tgt Ion:169 Resp: 663439
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 37.3 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 49.297 ng
RT: 11.089 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

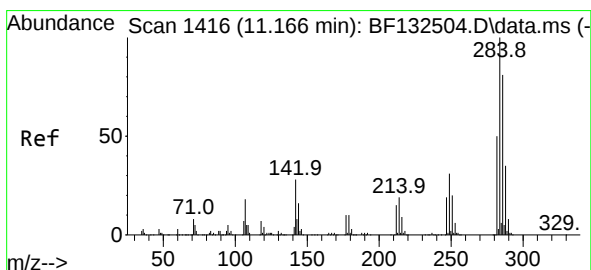
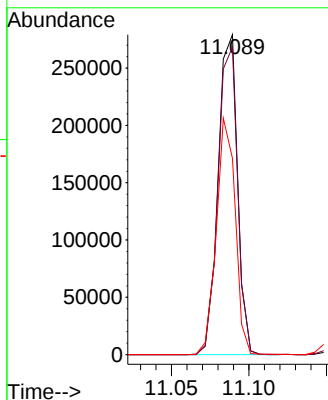
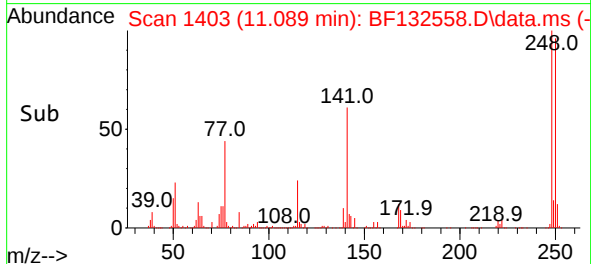
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



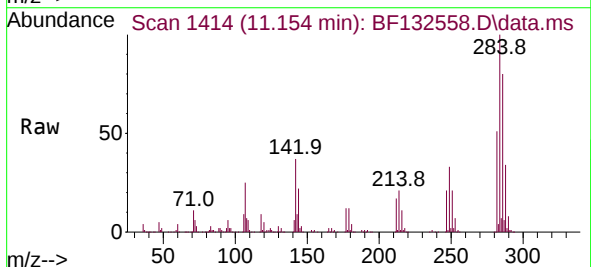
Tgt Ion:248 Resp: 244436
Ion Ratio Lower Upper
248 100
250 96.1 77.0 115.4
141 61.4 54.2 81.2

Manual Integrations
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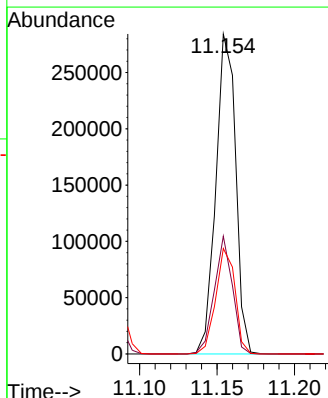
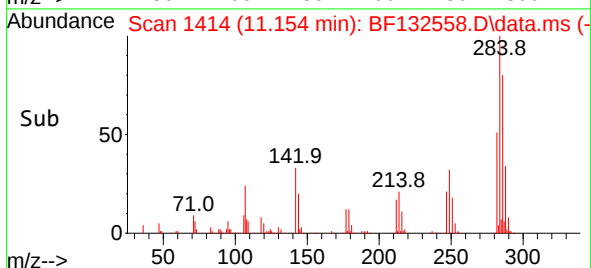
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

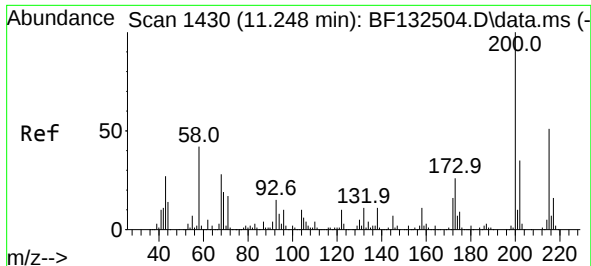


#68
Hexachlorobenzene
Concen: 48.626 ng
RT: 11.154 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



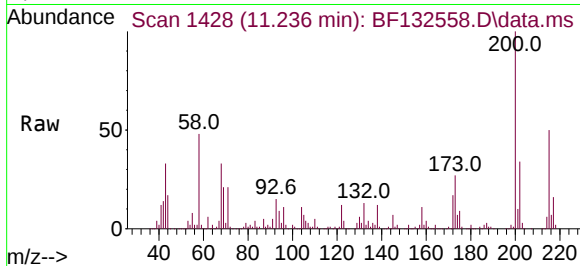
Tgt Ion:284 Resp: 253701
Ion Ratio Lower Upper
284 100
142 36.8 22.2 33.4#
249 33.0 24.9 37.3





#69
Atrazine
Concen: 52.804 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

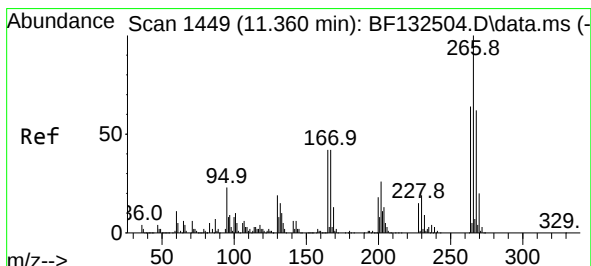
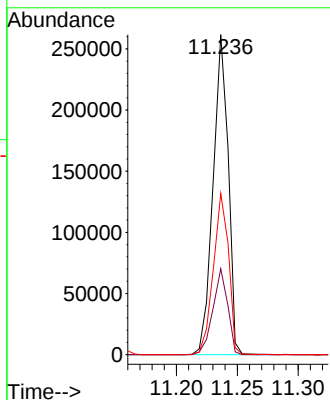
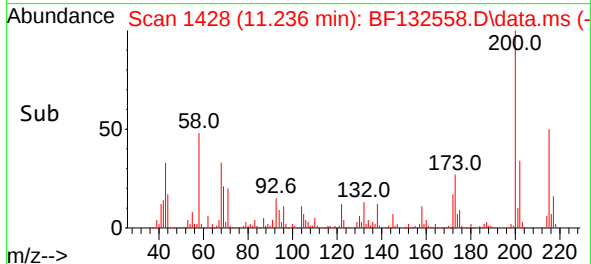
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



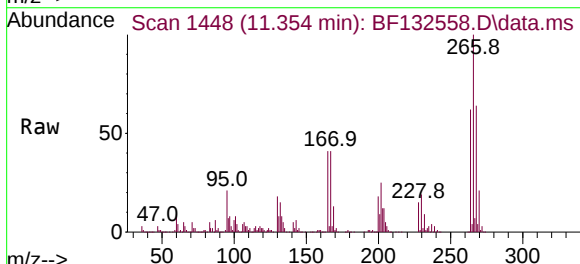
Tgt Ion:200 Resp: 225281
Ion Ratio Lower Upper
200 100
173 26.8 6.4 46.4
215 50.3 31.0 71.0

Manual Integrations
APPROVED

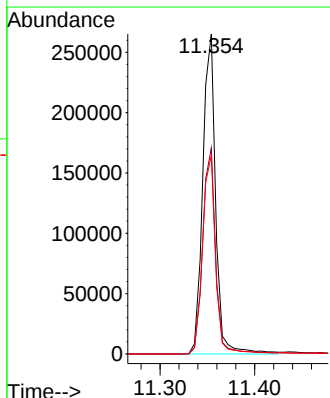
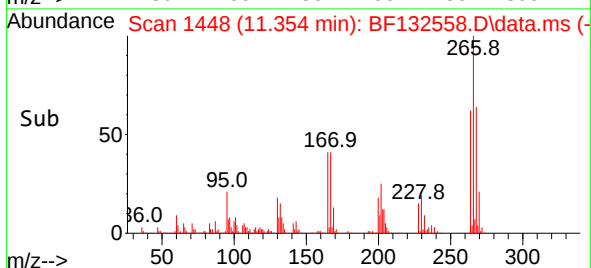
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

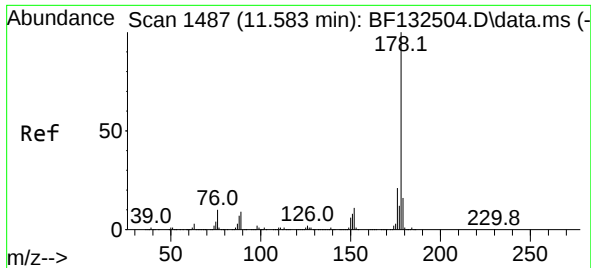


#70
Pentachlorophenol
Concen: 80.973 ng
RT: 11.354 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



Tgt Ion:266 Resp: 251355
Ion Ratio Lower Upper
266 100
268 64.3 49.8 74.6
264 62.0 50.9 76.3





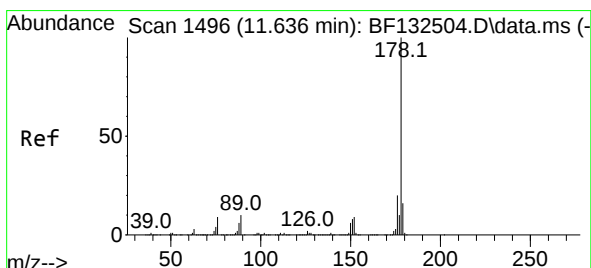
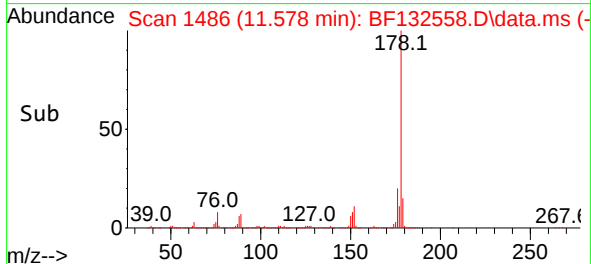
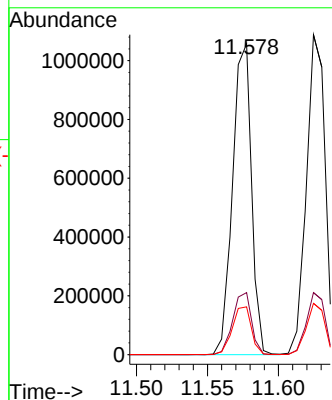
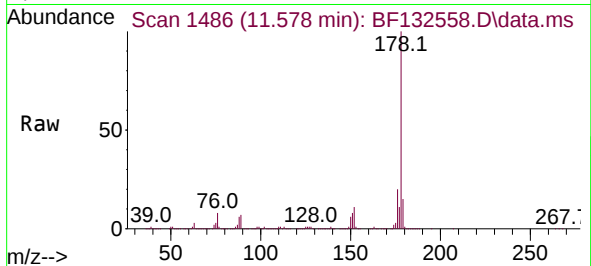
#71
Phenanthrene
Concen: 43.083 ng
RT: 11.578 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD

Tgt Ion:178 Resp: 978344
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.4 13.0 19.6

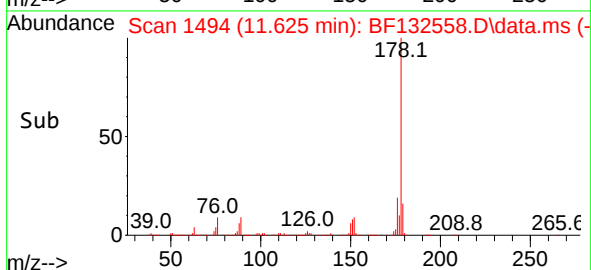
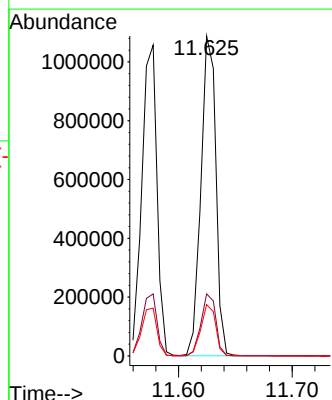
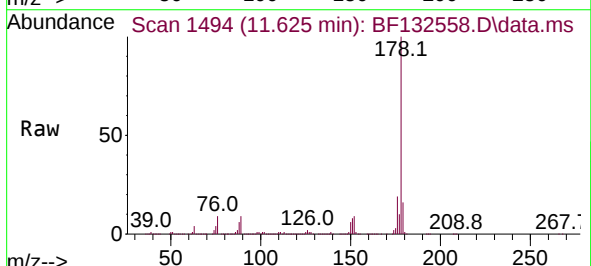
Manual Integrations
APPROVED

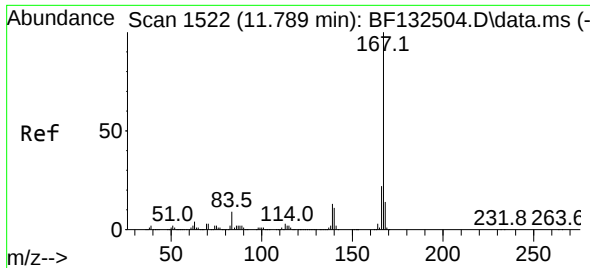
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#72
Anthracene
Concen: 42.609 ng
RT: 11.625 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

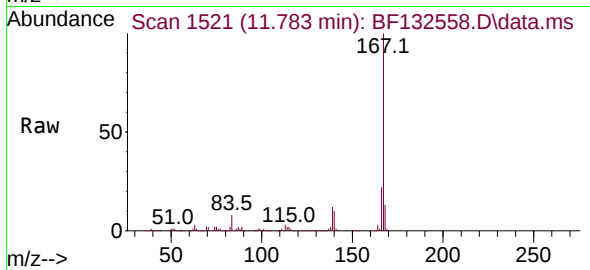
Tgt Ion:178 Resp: 996406
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 40.729 ng
 RT: 11.783 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132558.D
 Acq: 27 Feb 2023 18:10

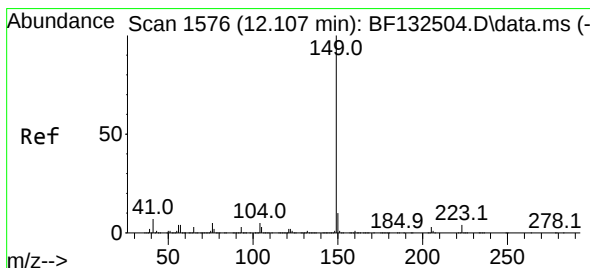
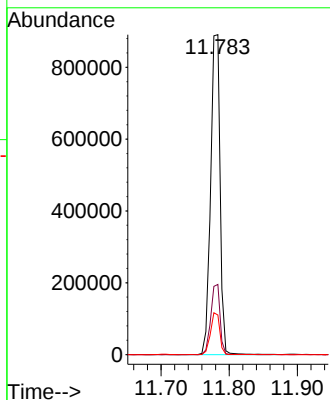
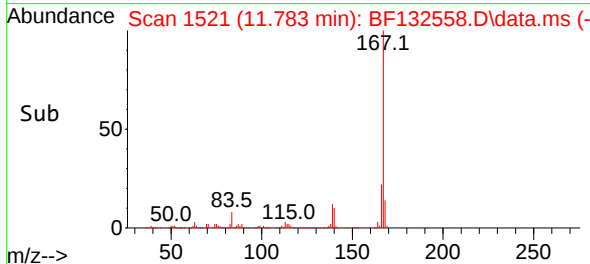
Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB02MSD



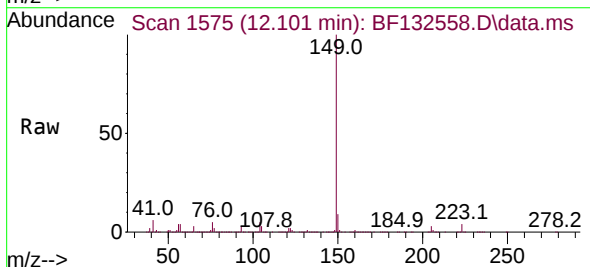
Tgt Ion:167 Resp: 858724
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 12.4 10.5 15.7

Manual Integrations
 APPROVED

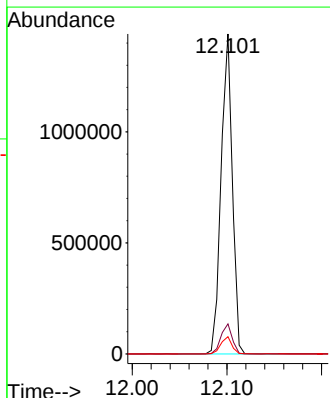
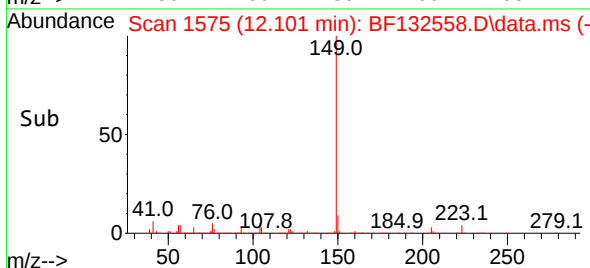
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

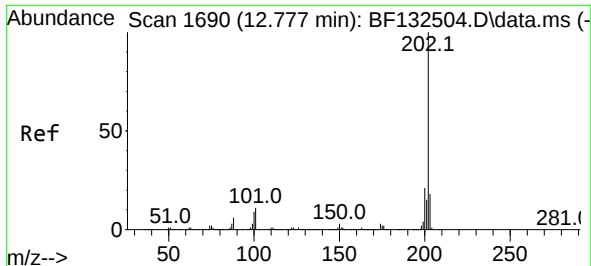


#74
 Di-n-butylphthalate
 Concen: 47.786 ng
 RT: 12.101 min Scan# 1575
 Delta R.T. 0.000 min
 Lab File: BF132558.D
 Acq: 27 Feb 2023 18:10



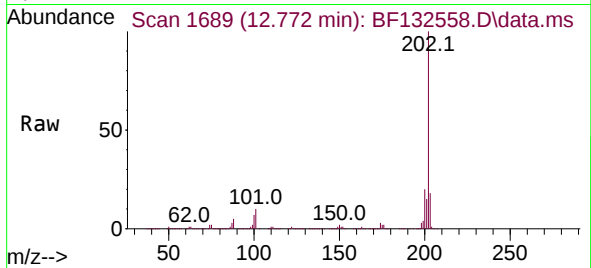
Tgt Ion:149 Resp: 1181812
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 39.728 ng
RT: 12.772 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

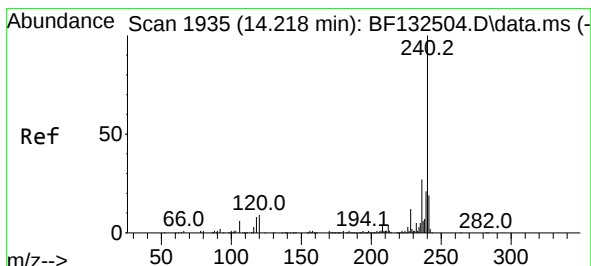
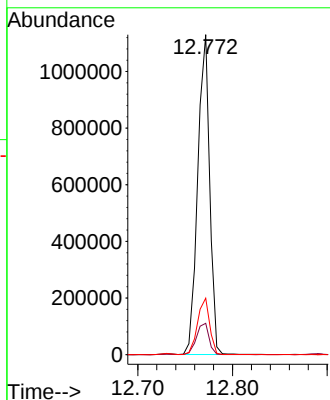
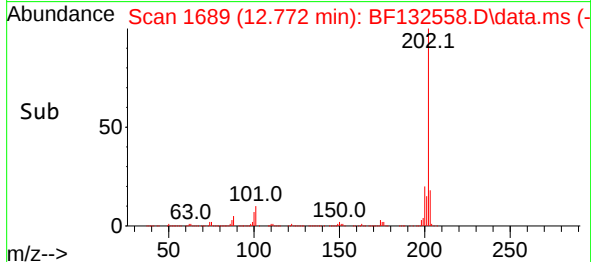
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



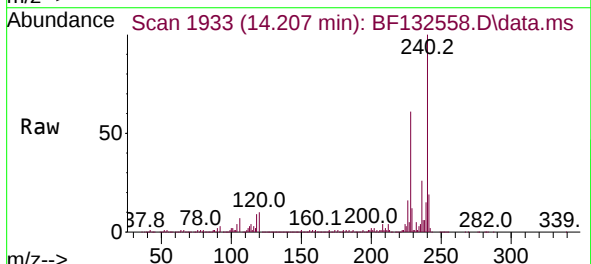
Tgt Ion:202 Resp: 986260
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 17.6 0.0 38.0

Manual Integrations
APPROVED

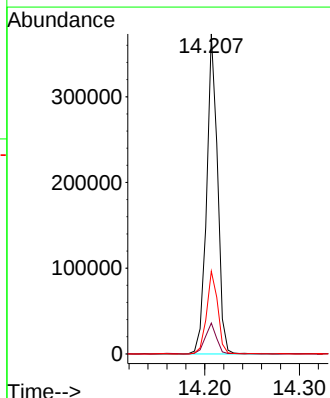
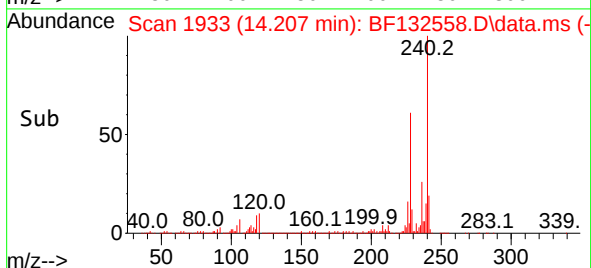
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

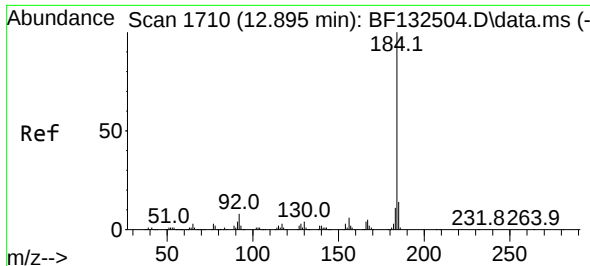


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



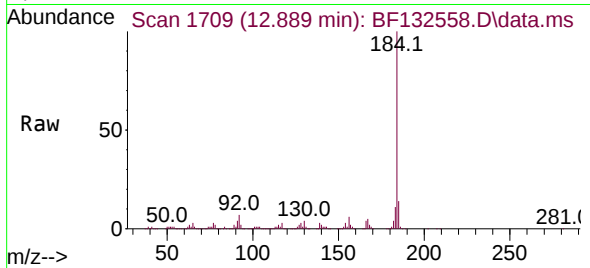
Tgt Ion:240 Resp: 299636
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 25.8 21.8 32.6





#77
Benzidine
Concen: 57.735 ng
RT: 12.889 min Scan# 1709
Delta R.T. 0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

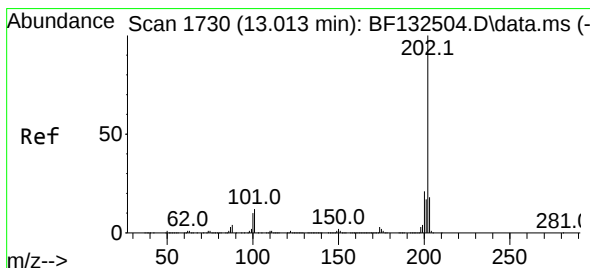
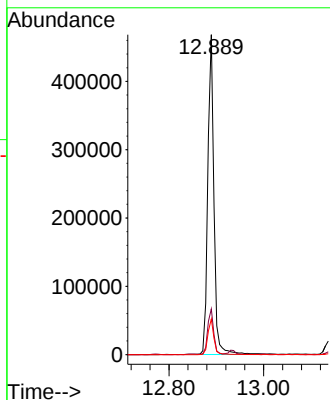
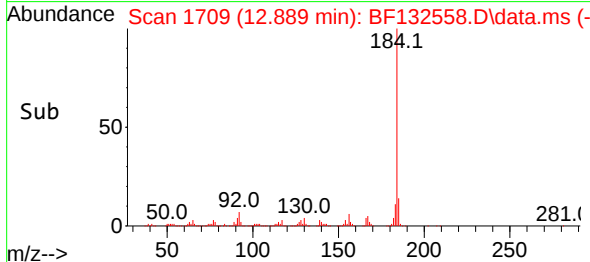
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



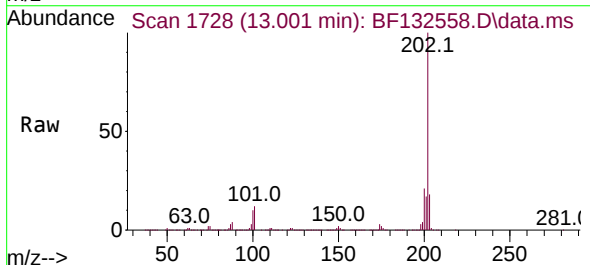
Tgt Ion:184 Resp: 42112
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.1 8.7 13.1

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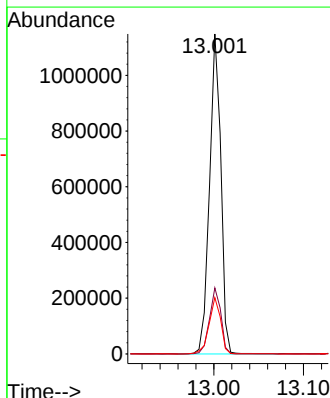
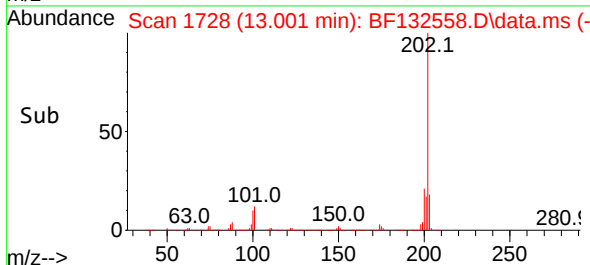
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

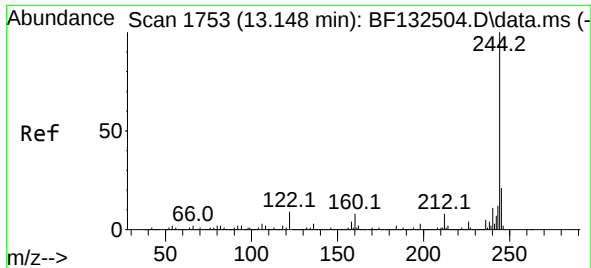


#78
Pyrene
Concen: 36.855 ng
RT: 13.001 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



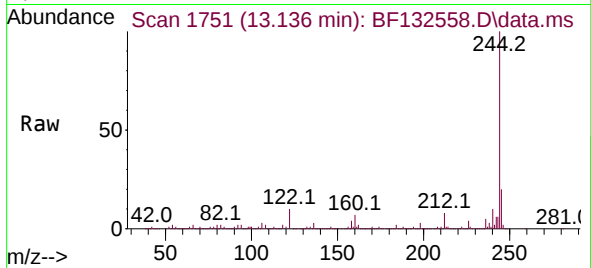
Tgt Ion:202 Resp: 1004015
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.6 14.6 21.8





#79
Terphenyl-d14
Concen: 64.467 ng
RT: 13.136 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

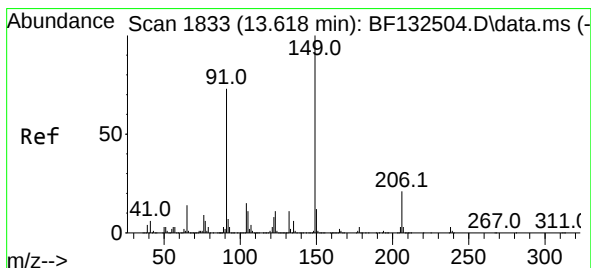
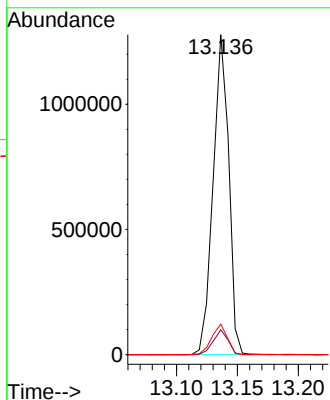
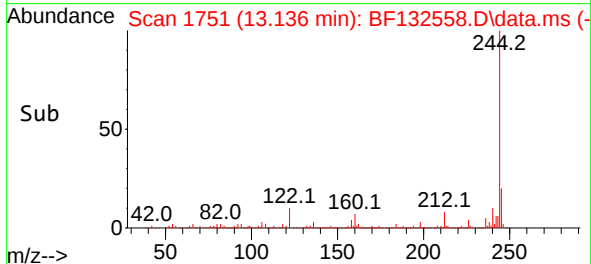
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



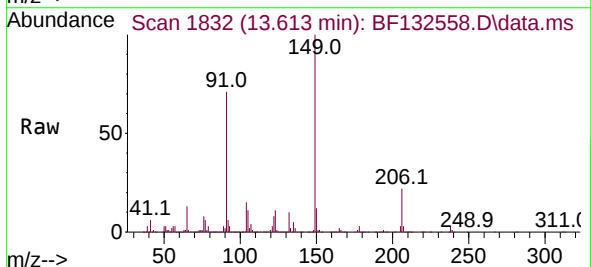
Tgt Ion:244 Resp: 1142486
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.5 7.5 11.3

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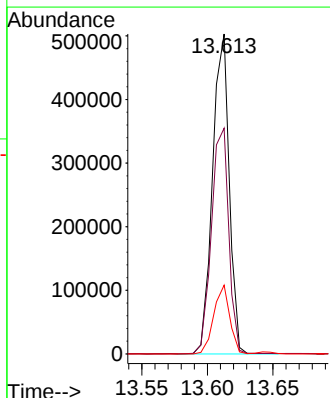
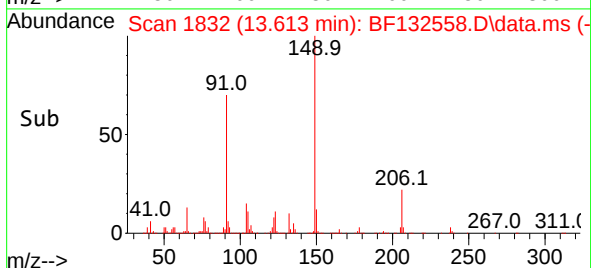
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

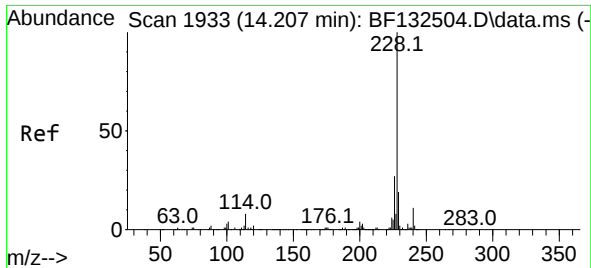


#80
Butylbenzylphthalate
Concen: 41.444 ng
RT: 13.613 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



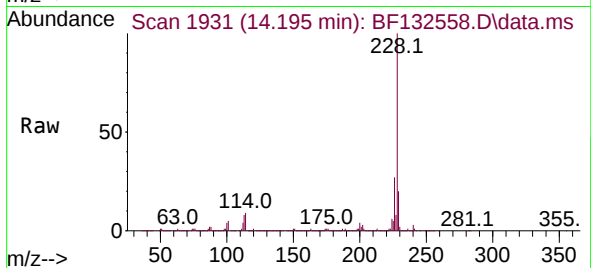
Tgt Ion:149 Resp: 445533
Ion Ratio Lower Upper
149 100
91 70.5 58.4 87.6
206 21.5 16.8 25.2





#81
Benzo(a)anthracene
Concen: 42.055 ng
RT: 14.195 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

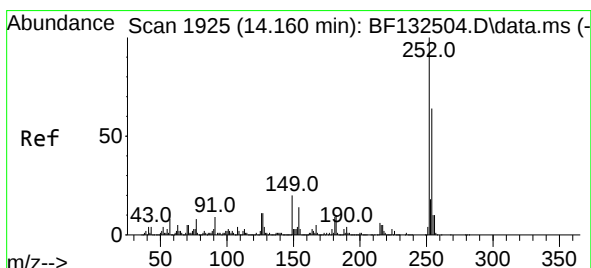
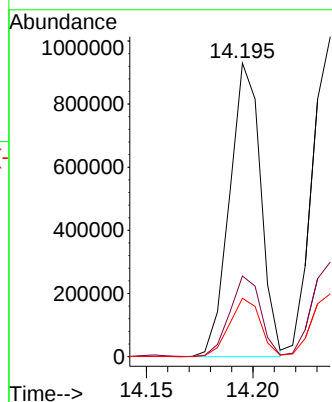
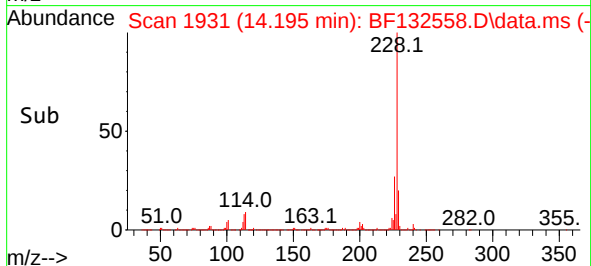
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:228 Resp: 942843
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.9 15.4 23.2

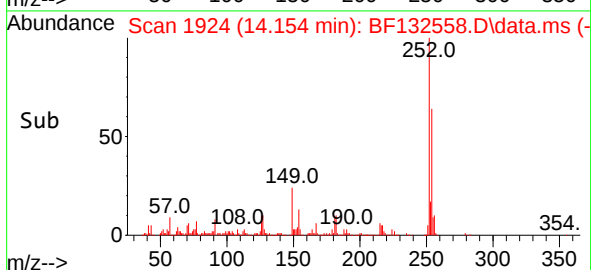
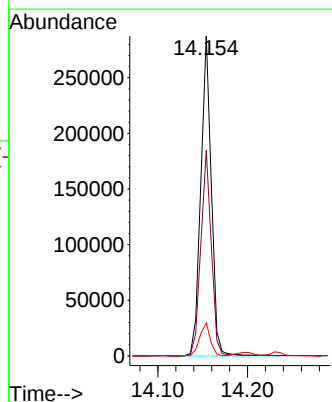
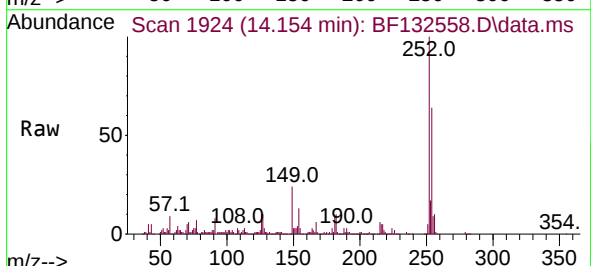
Manual Integrations
APPROVED

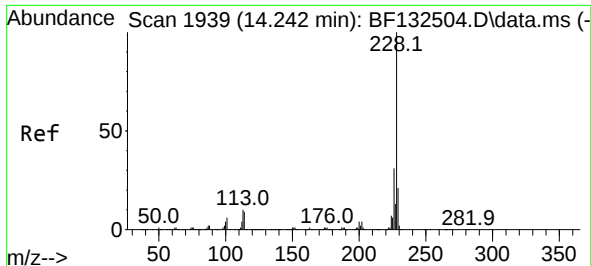
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.540 ng
RT: 14.154 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

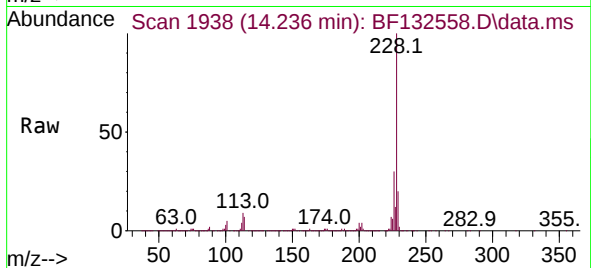
Tgt Ion:252 Resp: 234910
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 10.3 8.9 13.3





#83
Chrysene
Concen: 42.382 ng
RT: 14.236 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

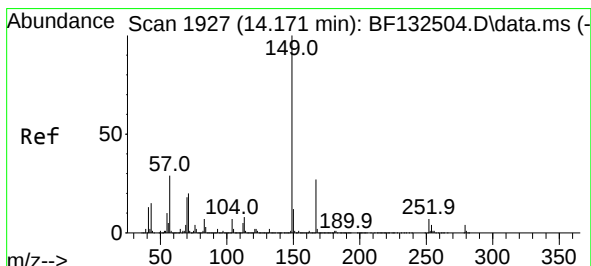
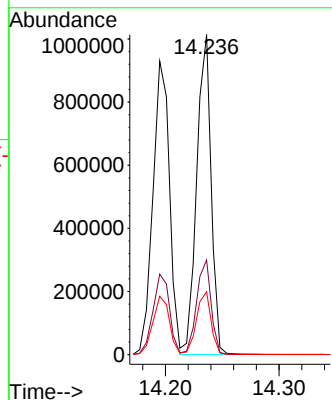
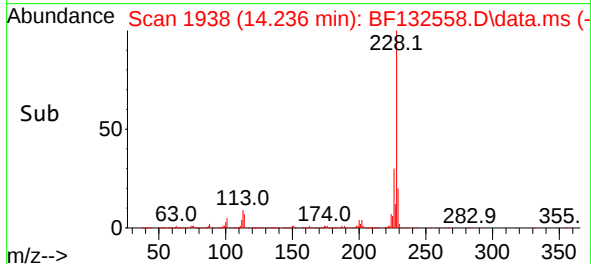
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



Tgt Ion:228 Resp: 888528
Ion Ratio Lower Upper
228 100
226 29.6 25.0 37.6
229 19.6 16.4 24.6

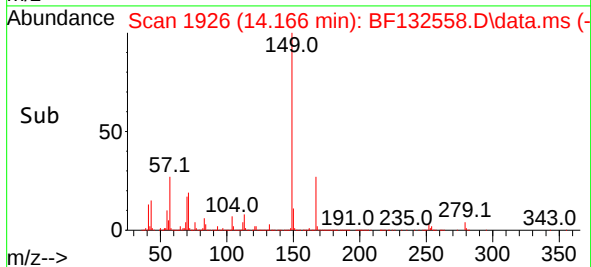
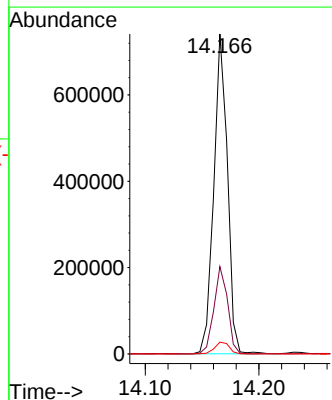
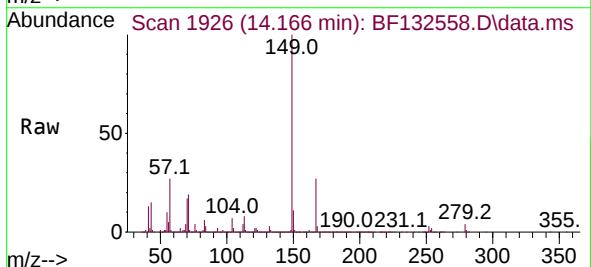
Manual Integrations
APPROVED

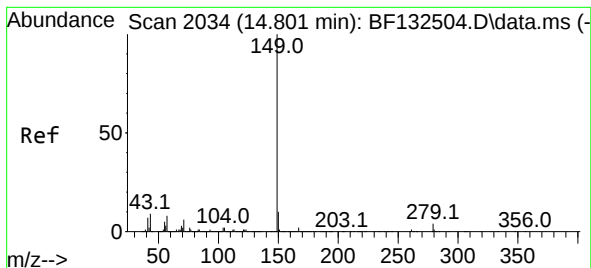
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.827 ng
RT: 14.166 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Tgt Ion:149 Resp: 618400
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 55.584 ng

RT: 14.795 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MSD

Tgt Ion:149 Resp: 107267

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

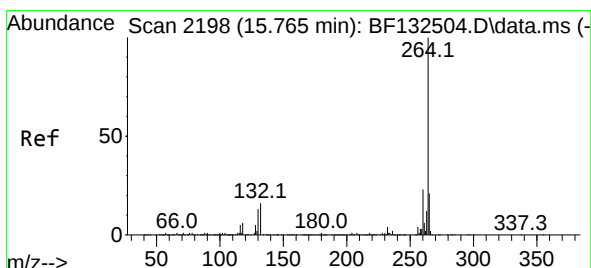
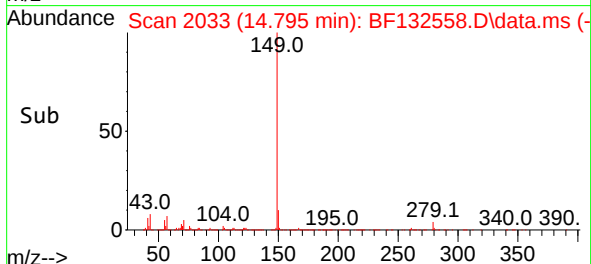
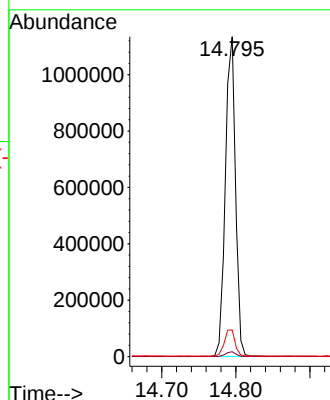
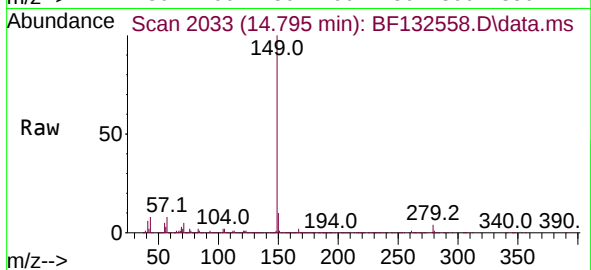
43 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.760 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF132558.D

Acq: 27 Feb 2023 18:10

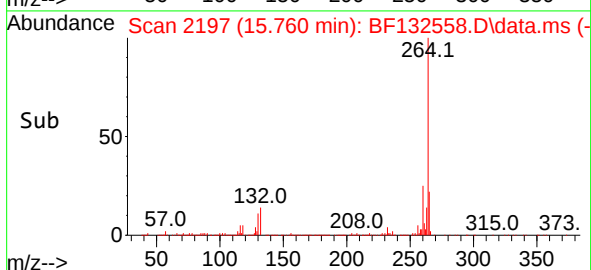
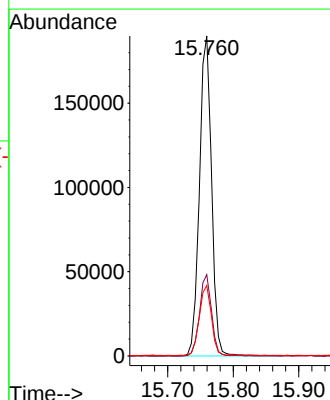
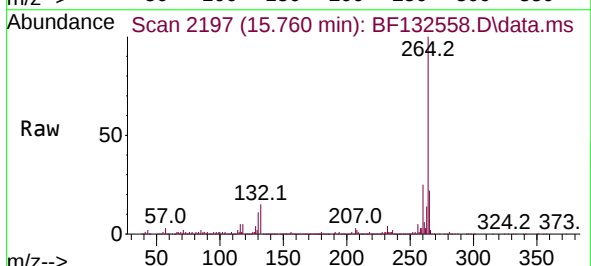
Tgt Ion:264 Resp: 242268

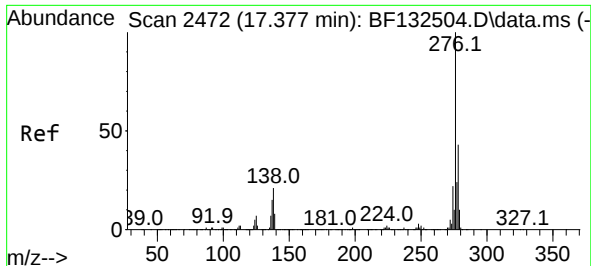
Ion Ratio Lower Upper

264 100

260 25.4 18.8 28.2

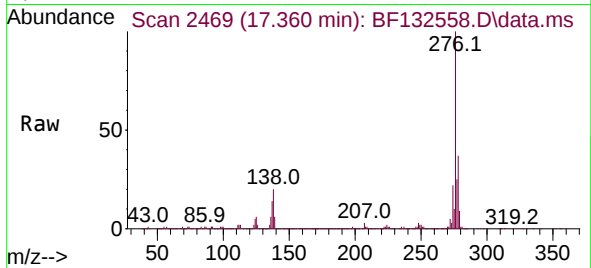
265 22.0 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.743 ng
RT: 17.360 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

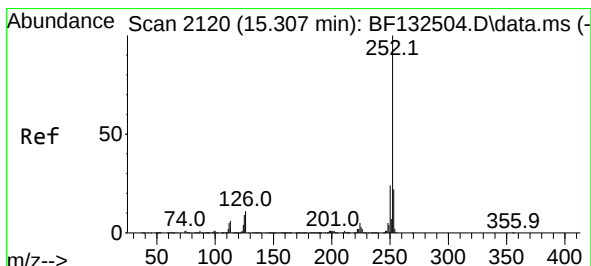
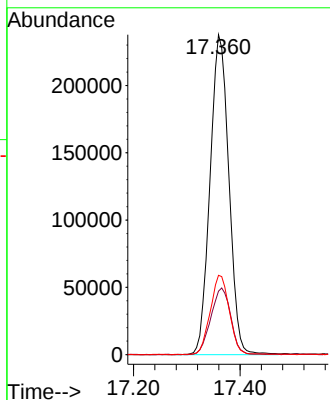
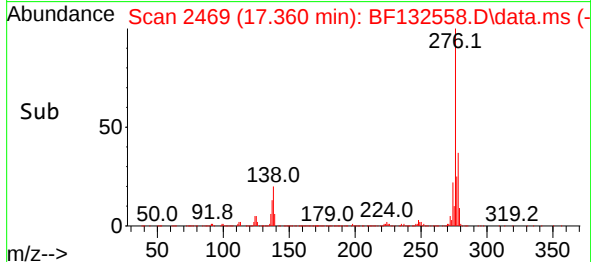
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



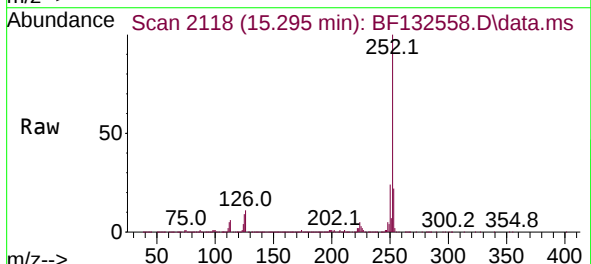
Tgt Ion: 276 Resp: 583276
Ion Ratio Lower Upper
276 100
138 22.1 19.0 28.4
277 25.2 20.0 30.0

Manual Integrations
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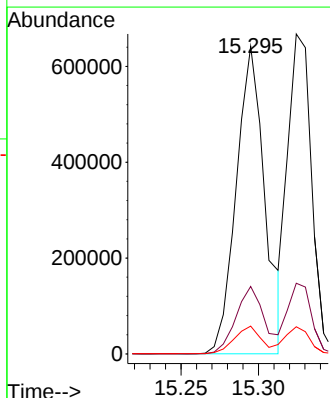
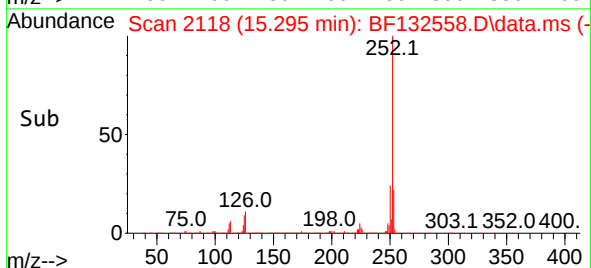
Reviewed By : Yogesh Patel 02/28/2023
Supervised By : Jagrut Upadhyay 02/28/2023

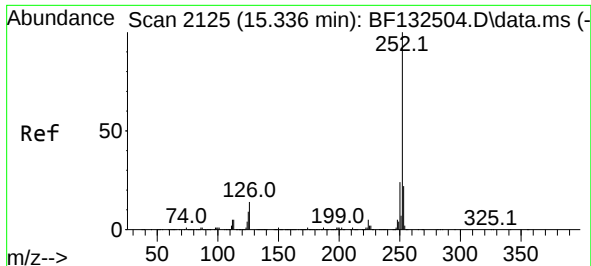


#88
Benzo(b)fluoranthene
Concen: 50.687 ng
RT: 15.295 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



Tgt Ion: 252 Resp: 822940
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.0 7.0 10.6





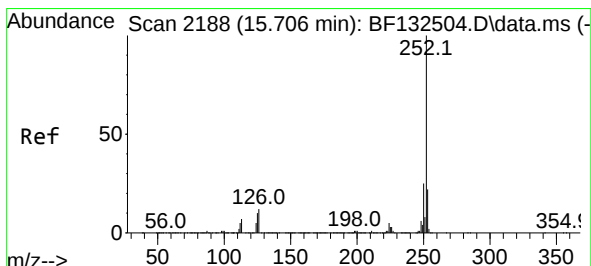
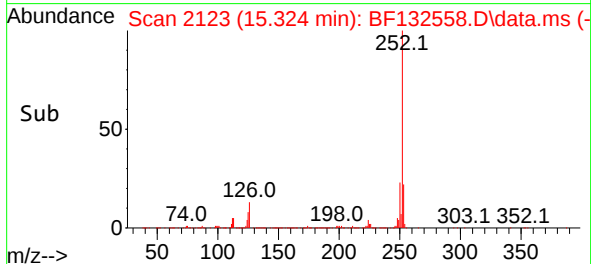
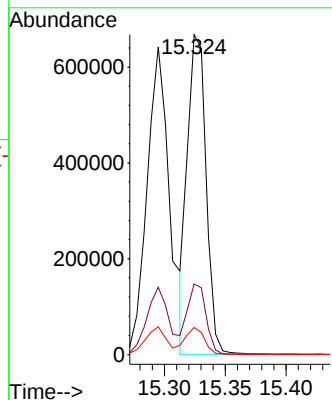
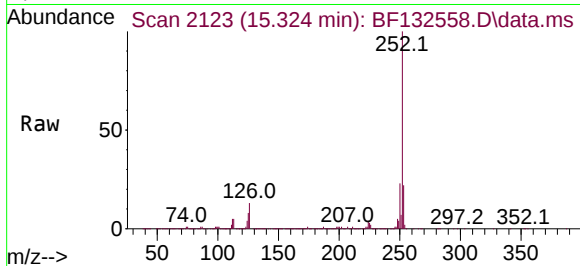
#89
Benzo(k)fluoranthene
Concen: 44.811 ng
RT: 15.324 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD

Tgt Ion:252 Resp: 712028
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.5 7.2 10.8

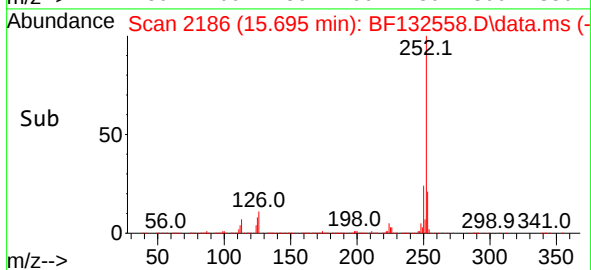
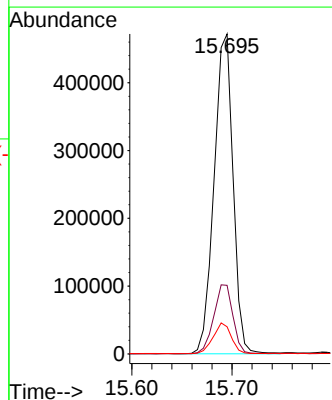
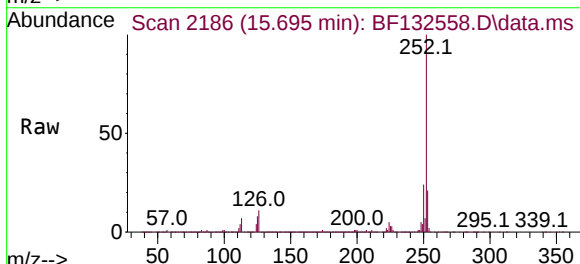
Manual Integrations
APPROVED

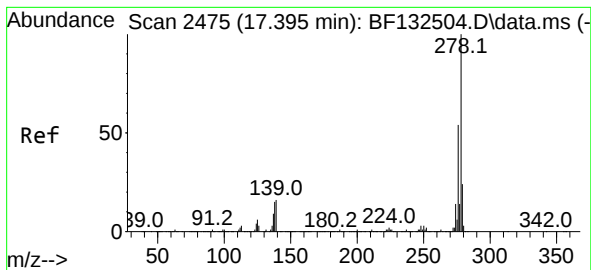
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#90
Benzo(a)pyrene
Concen: 40.894 ng
RT: 15.695 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

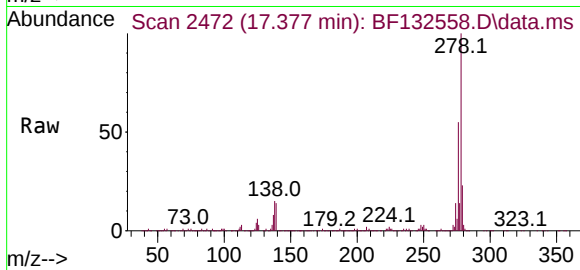
Tgt Ion:252 Resp: 621395
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 8.5 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 37.782 ng
RT: 17.377 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10

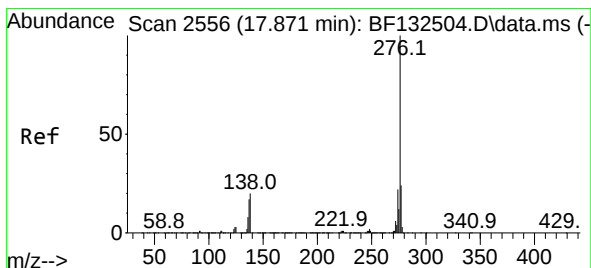
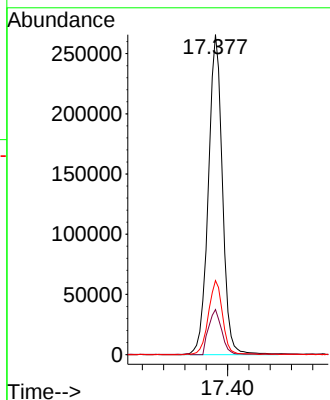
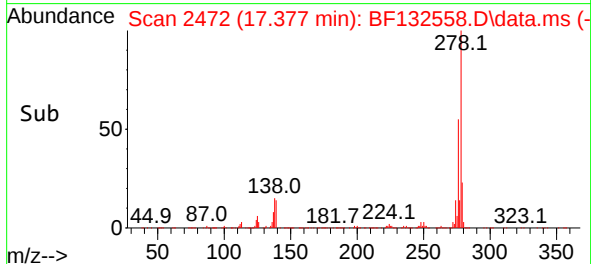
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MSD



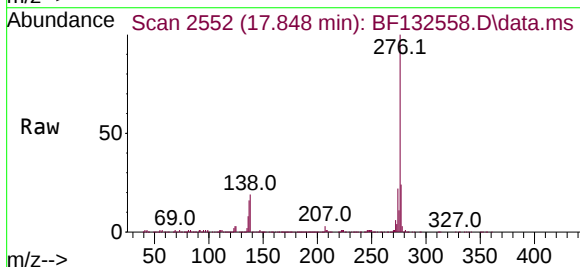
Tgt Ion: 278 Resp: 488669
Ion Ratio Lower Upper
278 100
139 14.1 13.0 19.4
279 23.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 02/28/2023
Supervised By : Jagrut Upadhyay 02/28/2023



#92
Benzo(g,h,i)perylene
Concen: 32.482 ng
RT: 17.848 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BF132558.D
Acq: 27 Feb 2023 18:10



Tgt Ion: 276 Resp: 466893
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.1 16.2 24.4

