

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131866.D
 Acq On : 28 Dec 2022 18:03
 Operator : CG\JU
 Sample : N6199-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1MSD

Quant Time: Dec 29 00:57:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/29/2022
 Supervised By : Jagrut Upadhyay 01/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	64842	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	236665	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	133525	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	266427	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	138336	20.000	ng	0.00
86) Perylene-d12	15.515	264	143231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	571352	146.025	ng	0.02
7) Phenol-d6	6.469	99	687513	133.743	ng	0.00
23) Nitrobenzene-d5	7.398	82	559890	94.454	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	241356	166.366	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	971218	99.630	ng	-0.01
79) Terphenyl-d14	12.974	244	1153537	141.050	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	81769	45.066	ng	# 82
3) Pyridine	3.434	79	189895	37.228	ng	100
4) n-Nitrosodimethylamine	3.375	42	117734	49.089	ng	99
6) Aniline	6.492	93	113781	18.251	ng	# 87
8) 2-Chlorophenol	6.610	128	209513	50.825	ng	93
9) Benzaldehyde	6.375	77	101745	30.847	ng	95
10) Phenol	6.481	94	260038	42.478	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	234706m	53.615	ng	
12) 1,3-Dichlorobenzene	6.763	146	230228	48.872	ng	98
13) 1,4-Dichlorobenzene	6.845	146	233820	49.251	ng	95
14) 1,2-Dichlorobenzene	6.992	146	222886	49.964	ng	98
15) Benzyl Alcohol	6.975	79	235874	52.325	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	285787	51.157	ng	94
17) 2-Methylphenol	7.087	107	188128	49.920	ng	99
18) Hexachloroethane	7.339	117	93025	48.525	ng	90
19) n-Nitroso-di-n-propyla...	7.245	70	186491	51.368	ng	99
20) 3+4-Methylphenols	7.239	107	237140	48.227	ng	91
22) Acetophenone	7.239	105	351308	50.633	ng	97
24) Nitrobenzene	7.416	77	290109	48.835	ng	98
25) Isophorone	7.657	82	513019	52.996	ng	100
26) 2-Nitrophenol	7.734	139	114822	49.713	ng	97
27) 2,4-Dimethylphenol	7.775	122	192279	58.361	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	283908	54.668	ng	99
29) 2,4-Dichlorophenol	7.975	162	194995	49.125	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	227758	48.395	ng	100
31) Naphthalene	8.139	128	622780	48.050	ng	100
32) Benzoic acid	7.904	122	108292	44.970	ng	91
33) 4-Chloroaniline	8.186	127	56761	11.414	ng	98
34) Hexachlorobutadiene	8.251	225	150279	46.674	ng	99
35) Caprolactam	8.575	113	48434m	41.212	ng	
36) 4-Chloro-3-methylphenol	8.686	107	229232	51.098	ng	98
37) 2-Methylnaphthalene	8.833	142	417268	47.969	ng	97
38) 1-Methylnaphthalene	8.933	142	393884	46.617	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	244286	52.105	ng	99
41) Hexachlorocyclopentadiene	8.981	237	237624	110.789	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	152469	50.776	ng	98

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Manual Integrations
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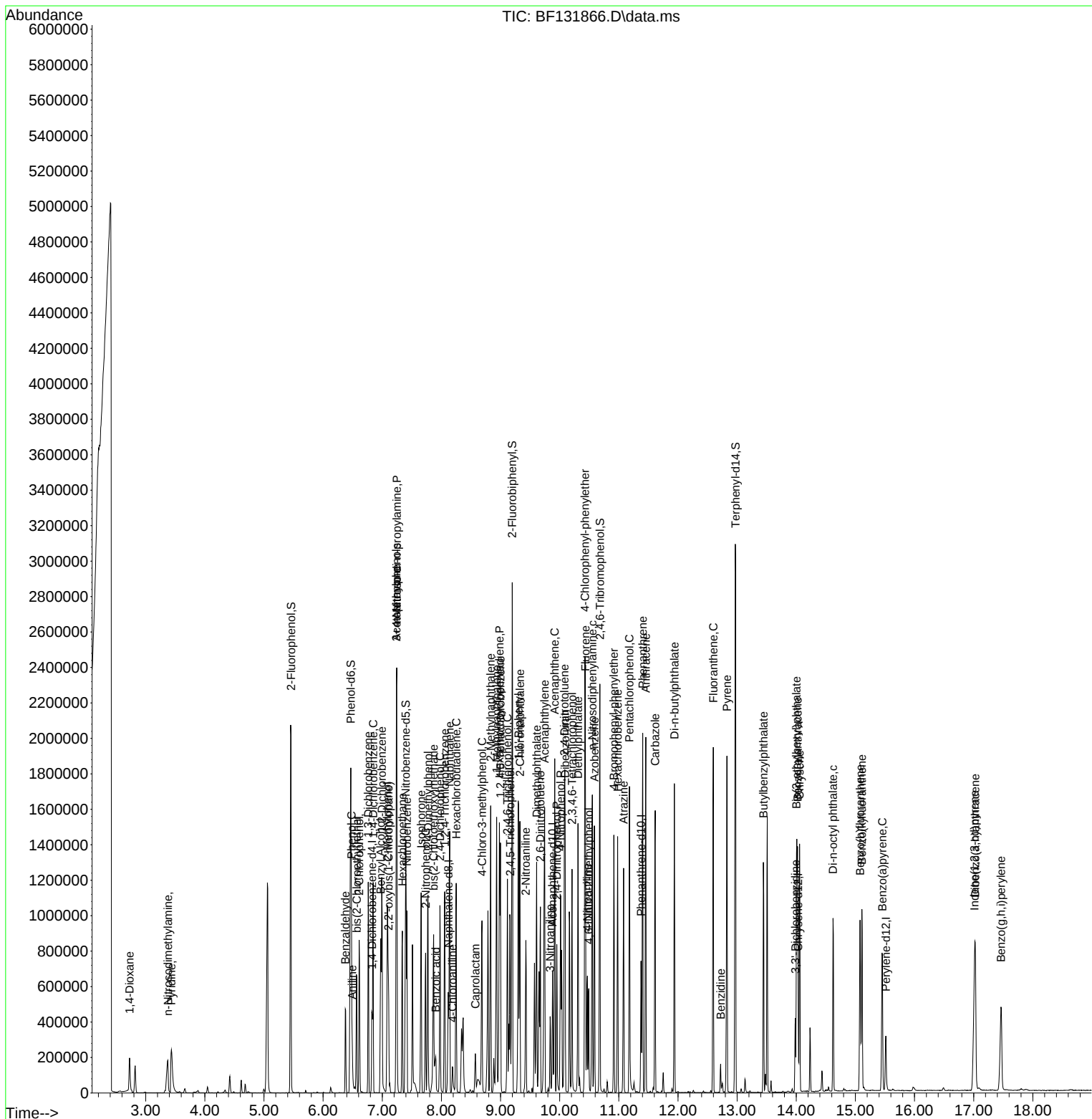
Reviewed By : Christian Giraldo 12/29/2022
 Supervised By : Jagrut Upadhyay 01/03/2023

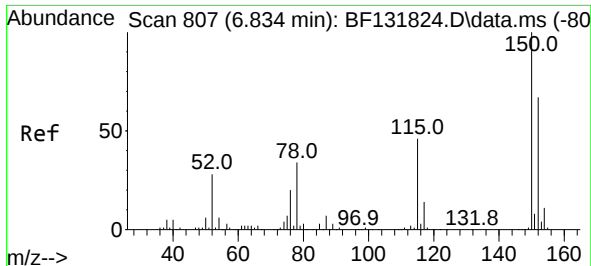
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	163730	50.442	ng	94
46) 1,1'-Biphenyl	9.304	154	535797	52.412	ng	99
47) 2-Chloronaphthalene	9.328	162	431788	51.055	ng	100
48) 2-Nitroaniline	9.428	65	157095	50.677	ng	94
49) Acenaphthylene	9.745	152	648612	51.505	ng	100
50) Dimethylphthalate	9.610	163	519730	51.450	ng	99
51) 2,6-Dinitrotoluene	9.675	165	114161	52.206	ng	96
52) Acenaphthene	9.916	154	382089	50.272	ng	99
53) 3-Nitroaniline	9.839	138	54284	24.363	ng	97
54) 2,4-Dinitrophenol	9.951	184	94620	75.189	ng	98
55) Dibenzofuran	10.092	168	596351	50.927	ng	99
56) 4-Nitrophenol	10.016	139	144546	92.606	ng	86
57) 2,4-Dinitrotoluene	10.080	165	152895	51.126	ng	92
58) Fluorene	10.433	166	480231	50.235	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	138830m	52.119	ng	
60) Diethylphthalate	10.310	149	496481	51.065	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	261486	52.617	ng	96
62) 4-Nitroaniline	10.469	138	104201	44.873	ng	98
63) Azobenzene	10.586	77	544927	50.503	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	75028	41.361	ng	98
66) n-Nitrosodiphenylamine	10.551	169	408526	50.267	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	158088	51.196	ng	93
68) Hexachlorobenzene	10.980	284	172463	50.842	ng	96
69) Atrazine	11.080	200	153345	57.312	ng	96
70) Pentachlorophenol	11.180	266	183925	109.577	ng	97
71) Phenanthrene	11.404	178	706310	48.208	ng	100
72) Anthracene	11.457	178	719422	50.195	ng	100
73) Carbazole	11.616	167	616174	48.698	ng	99
74) Di-n-butylphthalate	11.939	149	758109	49.570	ng	99
75) Fluoranthene	12.598	202	751224	44.020	ng	100
77) Benzidine	12.721	184	61296	26.963	ng	99
78) Pyrene	12.827	202	752658	64.913	ng	100
80) Butylbenzylphthalate	13.445	149	268370	62.402	ng	93
81) Benzo(a)anthracene	14.021	228	510119	50.931	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	84113	29.055	ng	98
83) Chrysene	14.057	228	477171	50.699	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	329387	62.903	ng	# 98
85) Di-n-octyl phthalate	14.621	149	460768	65.365	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	535929	58.896	ng	99
88) Benzo(b)fluoranthene	15.080	252	500043	47.613	ng	100
89) Benzo(k)fluoranthene	15.110	252	433485	42.719	ng	99
90) Benzo(a)pyrene	15.457	252	424469	52.204	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	446235	59.868	ng	99
92) Benzo(g,h,i)perylene	17.462	276	424728	48.157	ng	96

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

Manual Integrations APPROVED

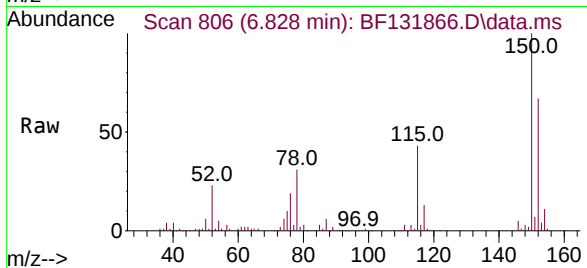
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

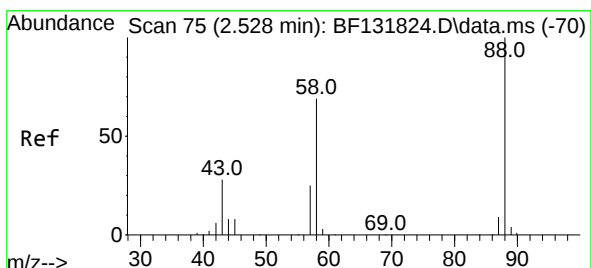
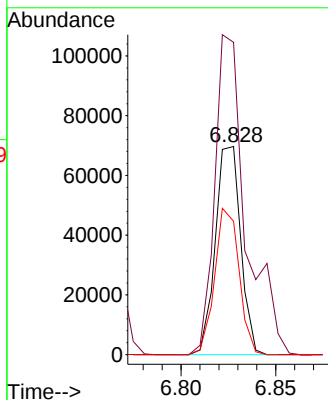
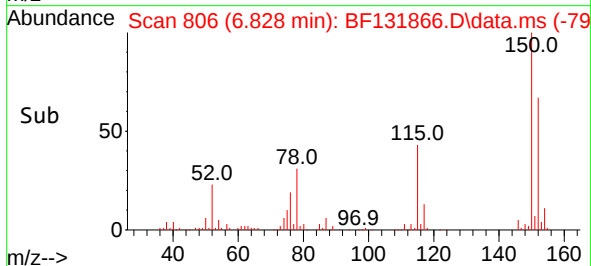
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:152 Resp: 64842
Ion Ratio Lower Upper
152 100
150 150.0 120.0 180.0
115 64.1 55.1 82.7

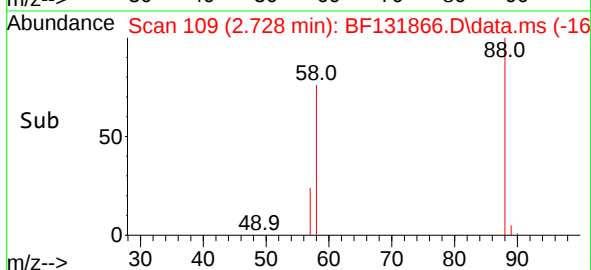
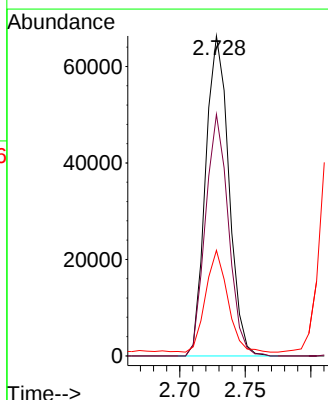
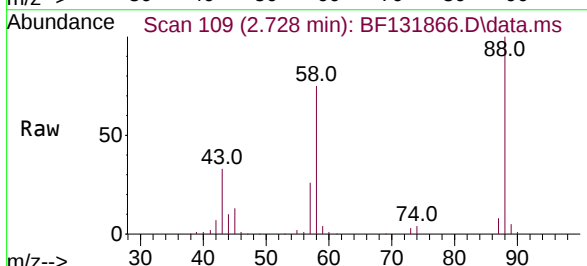
Manual Integrations
APPROVED

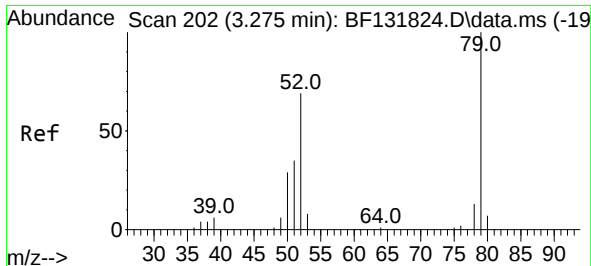
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#2
1,4-Dioxane
Concen: 45.066 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.200 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

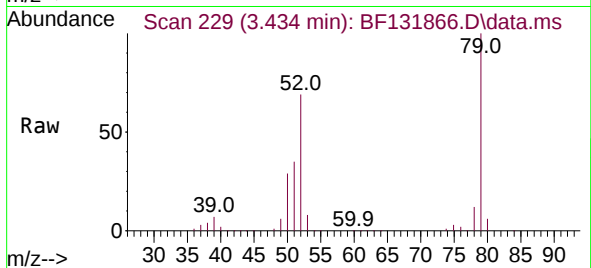
Tgt Ion: 88 Resp: 81769
Ion Ratio Lower Upper
88 100
58 74.5 58.2 87.2
43 0.0 24.2 36.4





#3
Pyridine
Concen: 37.228 ng
RT: 3.434 min Scan# 219
Delta R.T. 0.159 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

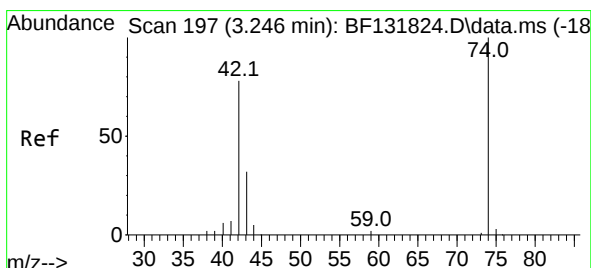
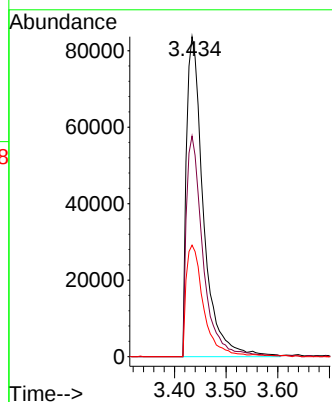
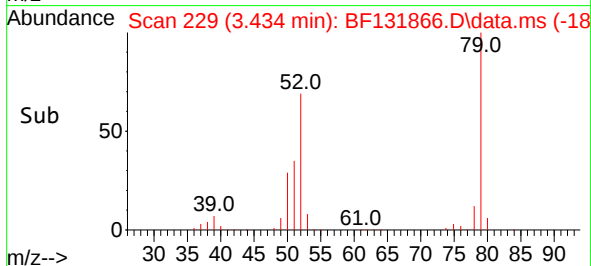
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BNA_F
ClientSampleId :
TR-604-COMP-1MSD



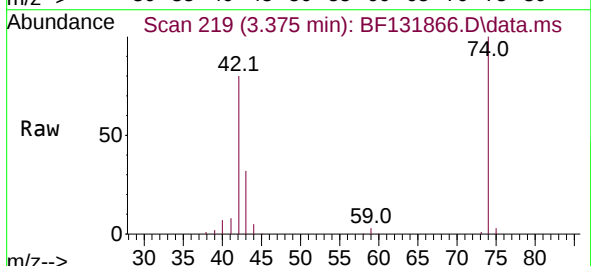
Tgt Ion: 79 Resp: 189895
Ion Ratio Lower Upper
79 100
52 69.0 55.4 83.2
51 34.8 27.8 41.8

Manual Integrations
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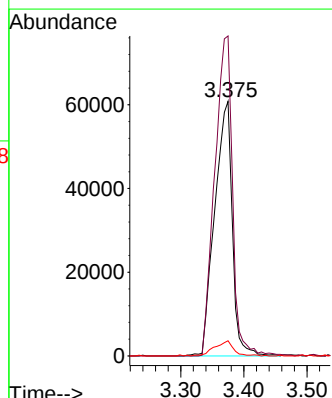
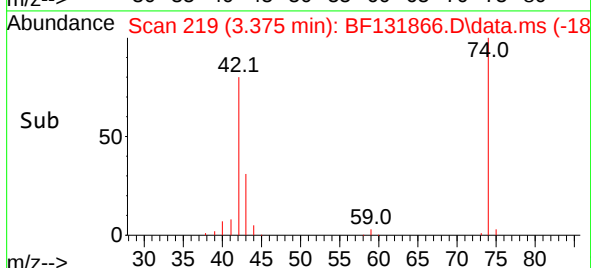
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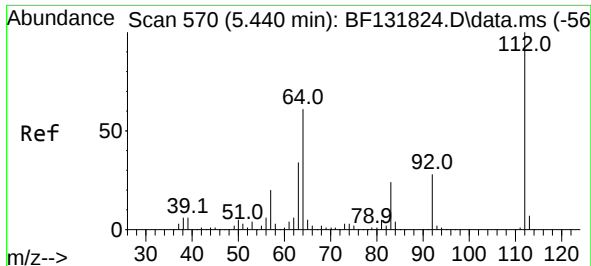


#4
n-Nitrosodimethylamine
Concen: 49.089 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.129 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



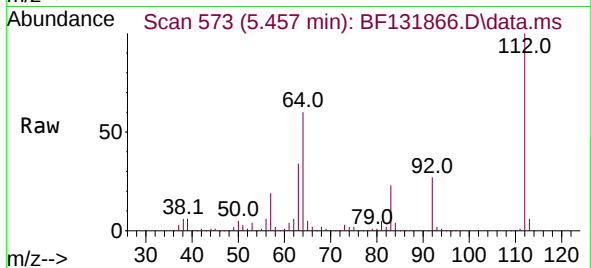
Tgt Ion: 42 Resp: 117734
Ion Ratio Lower Upper
42 100
74 125.8 102.0 153.0
44 6.0 4.6 7.0





#5
2-Fluorophenol
Concen: 146.025 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

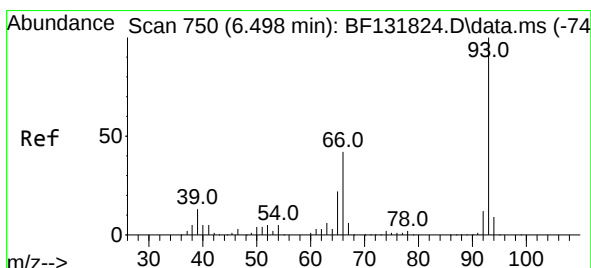
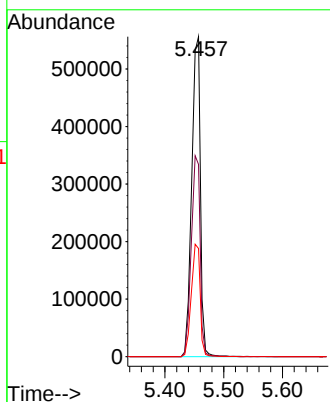
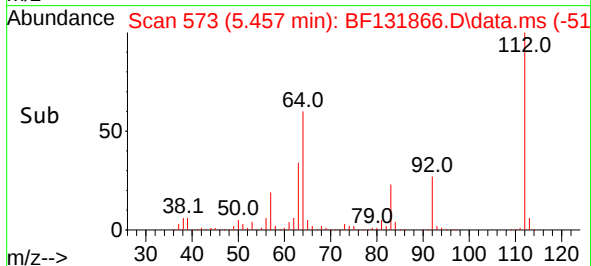
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Tgt Ion:112 Resp: 571352
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 33.8 27.5 41.3

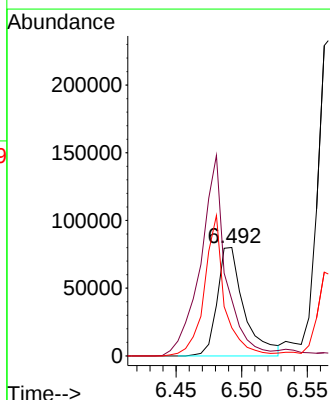
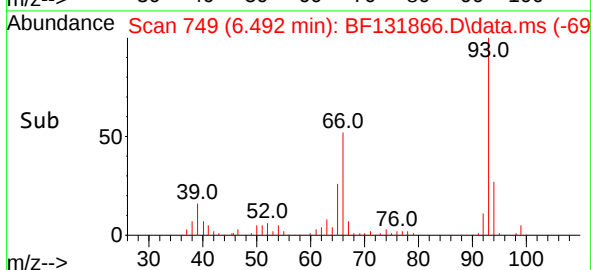
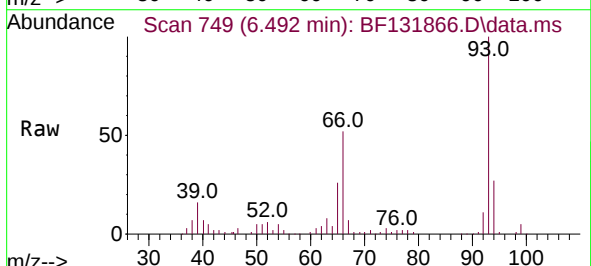
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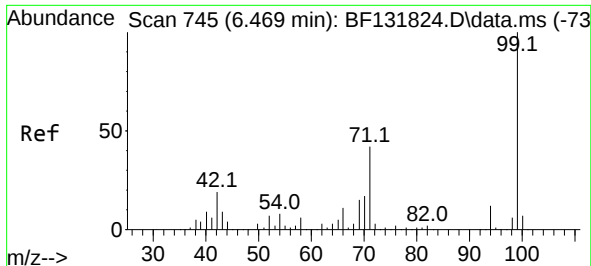
Reviewed By :Christian Giraldo 12/29/2022
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#6
Aniline
Concen: 18.251 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

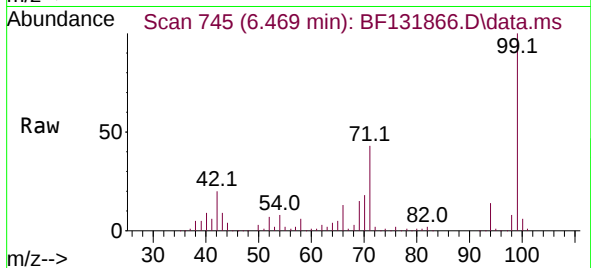
Tgt Ion: 93 Resp: 113781
Ion Ratio Lower Upper
93 100
66 51.7 33.9 50.9#
65 26.0 17.4 26.0





#7
Phenol-d6
Concen: 133.743 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

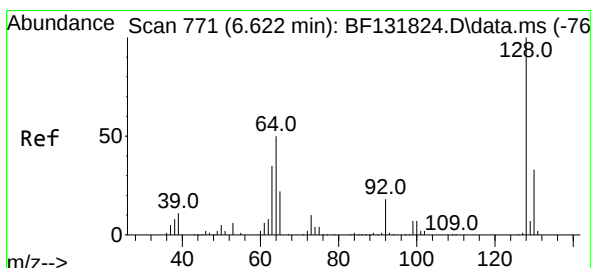
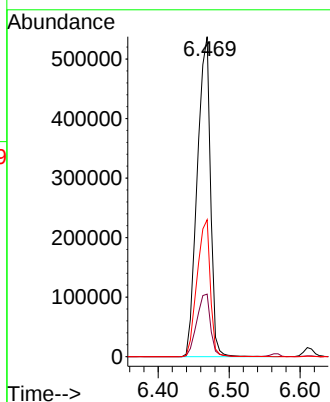
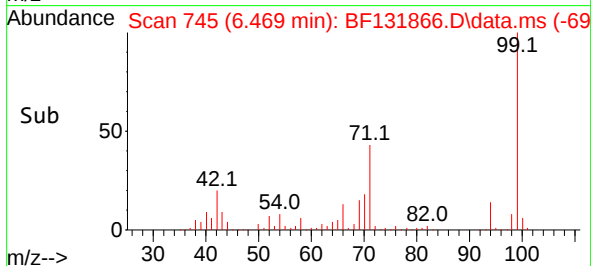
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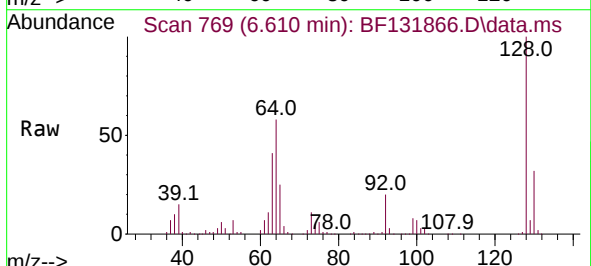
Tgt Ion: 99 Resp: 687513
Ion Ratio Lower Upper
99 100
42 19.5 15.3 22.9
71 42.8 33.5 50.3

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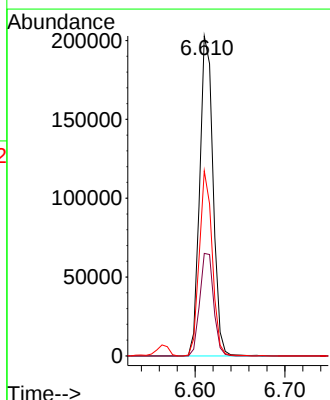
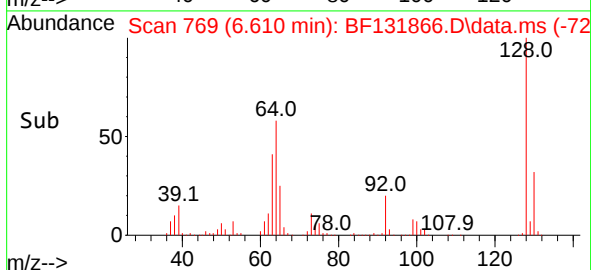
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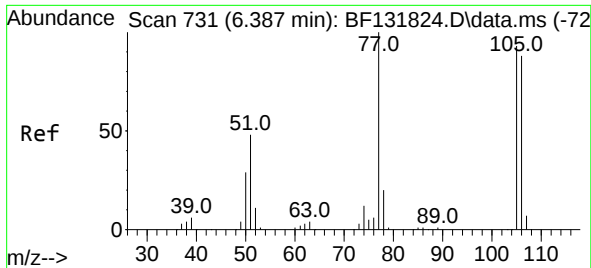


#8
2-Chlorophenol
Concen: 50.825 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



Tgt Ion:128 Resp: 209513
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 57.8 30.7 70.7





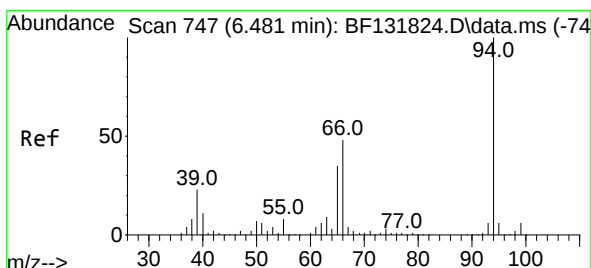
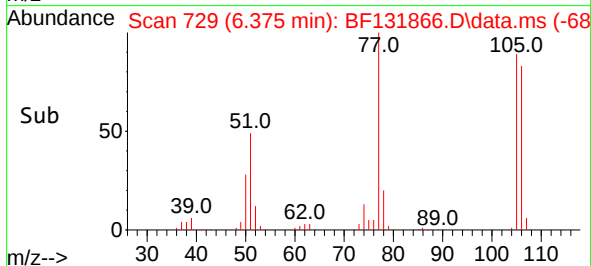
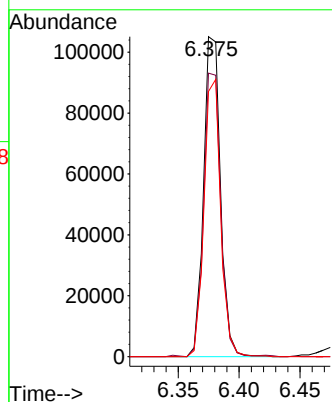
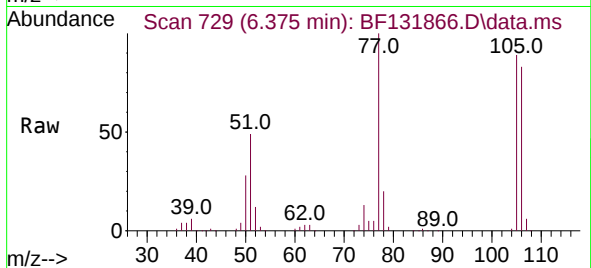
#9
Benzaldehyde
Concen: 30.847 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion: 77 Resp: 101745
Ion Ratio Lower Upper
77 100
105 88.6 72.9 112.9
106 82.9 68.5 108.5

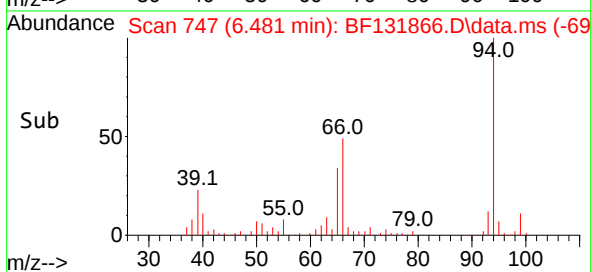
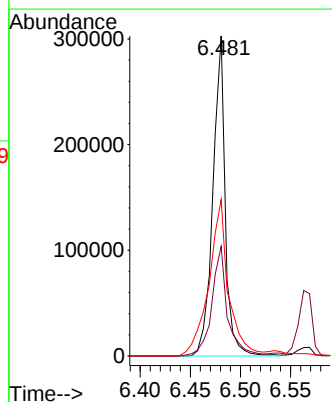
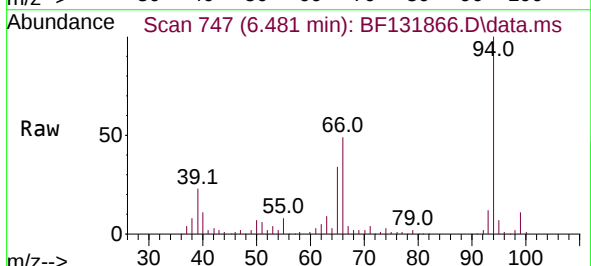
Manual Integrations
APPROVED

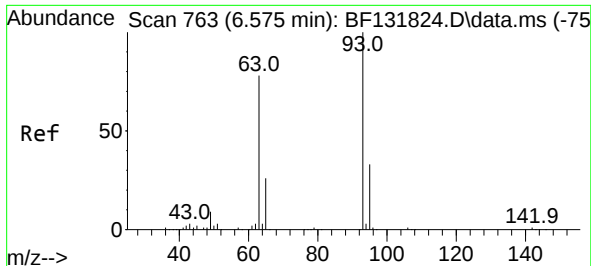
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#10
Phenol
Concen: 42.478 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion: 94 Resp: 260038
Ion Ratio Lower Upper
94 100
65 34.2 14.6 54.6
66 48.9 28.2 68.2





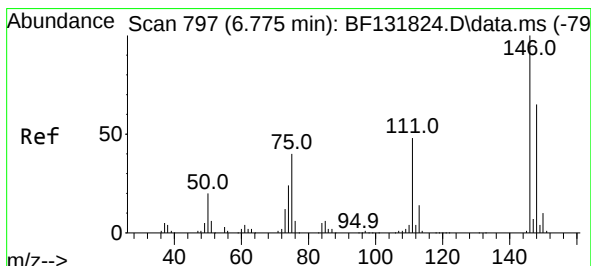
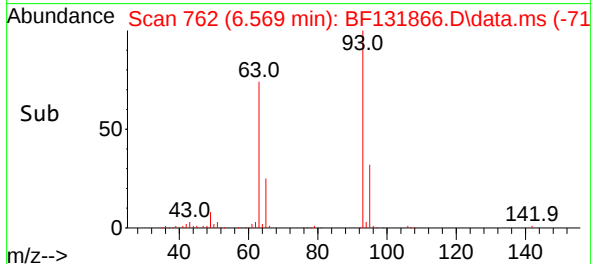
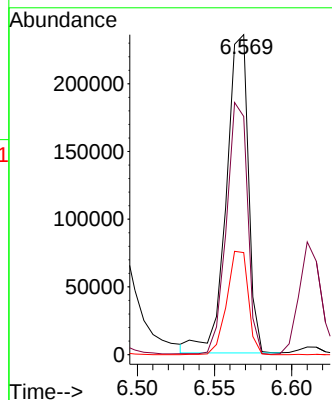
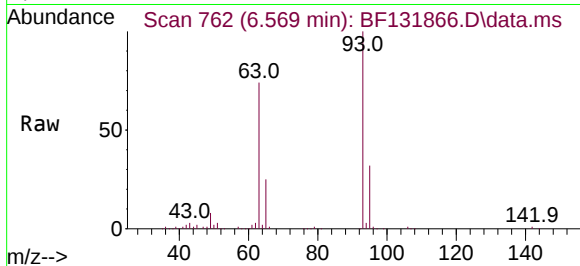
#11
bis(2-Chloroethyl)ether
Concen: 53.615 ng m
RT: 6.569 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion: 93 Resp: 234706
Ion Ratio Lower Upper
93 100
63 74.4 57.6 97.6
95 31.9 12.7 52.7

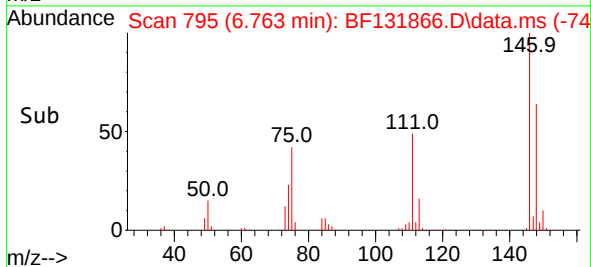
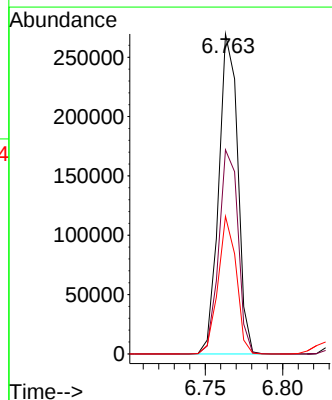
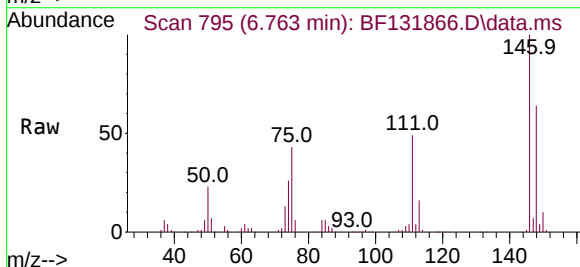
Manual Integrations
APPROVED

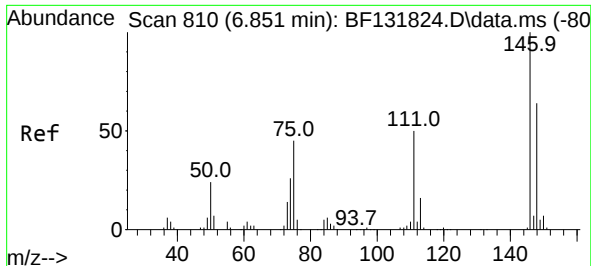
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#12
1,3-Dichlorobenzene
Concen: 48.872 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion:146 Resp: 230228
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 43.0 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 49.251 ng

RT: 6.845 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1MSD

Tgt Ion:146 Resp: 233820

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

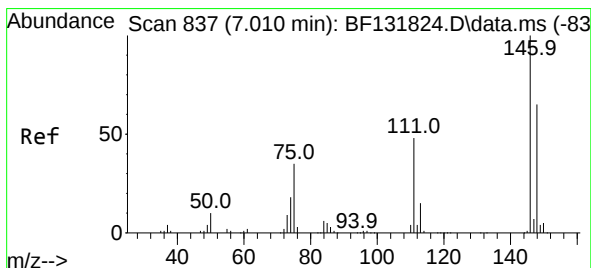
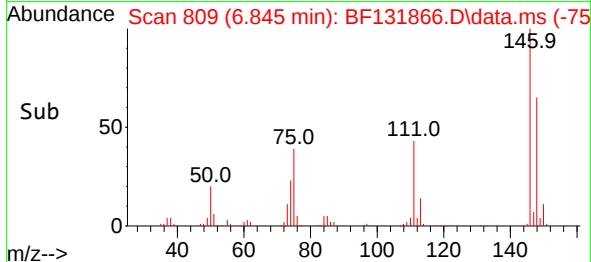
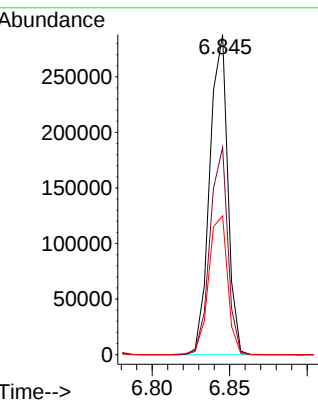
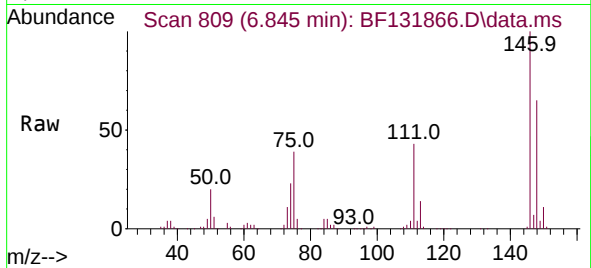
111 43.4 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#14

1,2-Dichlorobenzene

Concen: 49.964 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.018 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

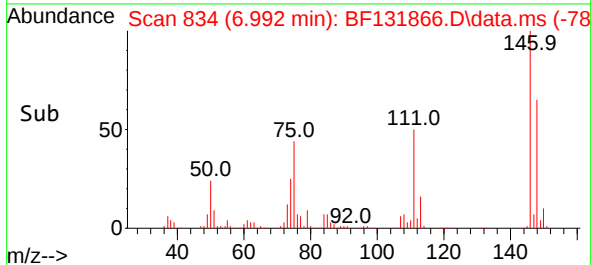
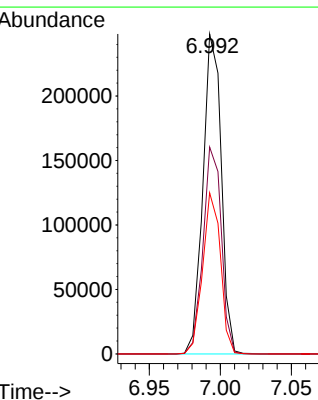
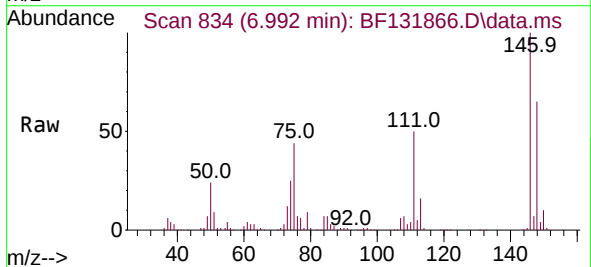
Tgt Ion:146 Resp: 222886

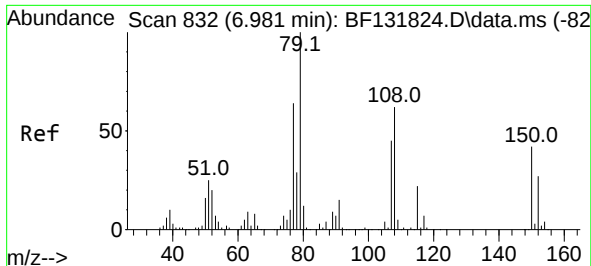
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

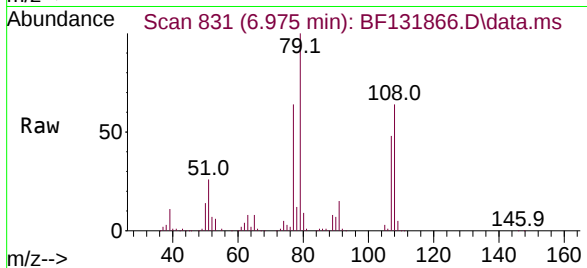
111 50.3 38.2 57.4





#15
Benzyl Alcohol
Concen: 52.325 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

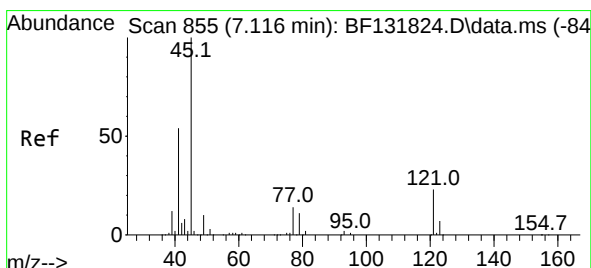
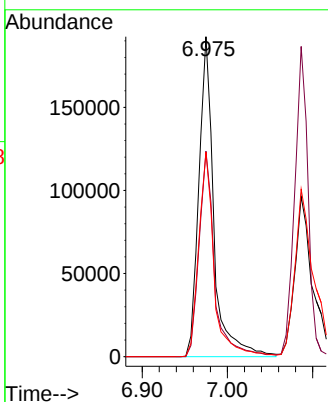
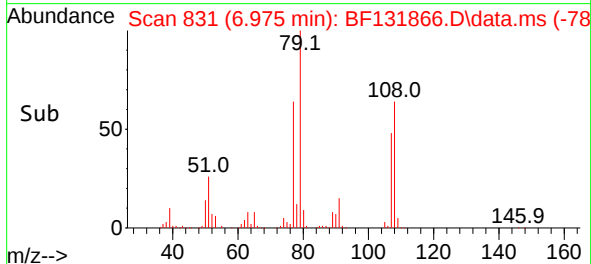
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion: 79 Resp: 235874
Ion Ratio Lower Upper
79 100
108 64.2 49.8 74.8
77 63.9 51.4 77.0

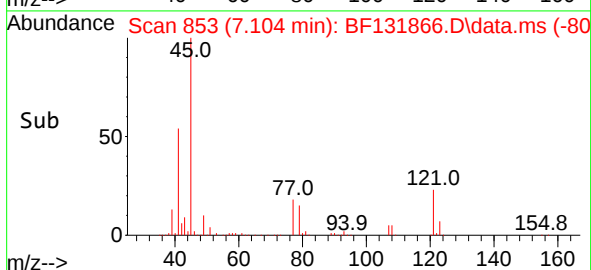
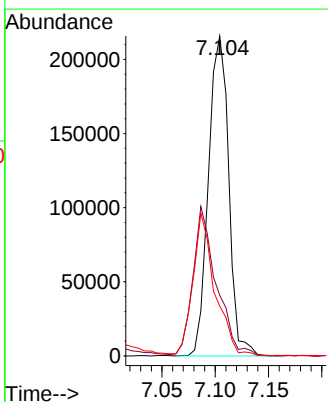
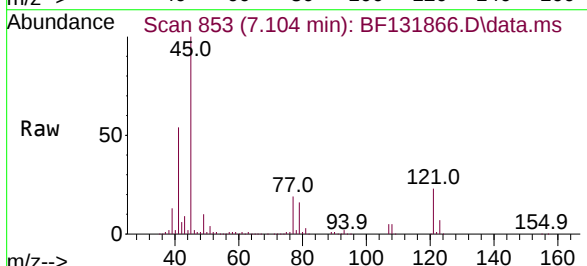
Manual Integrations
APPROVED

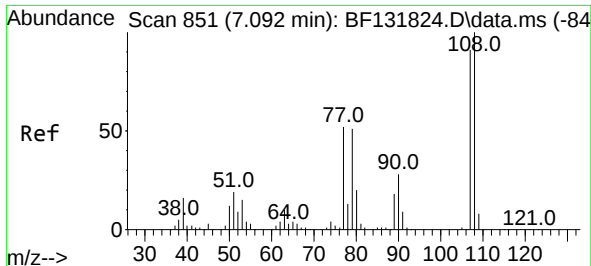
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.157 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

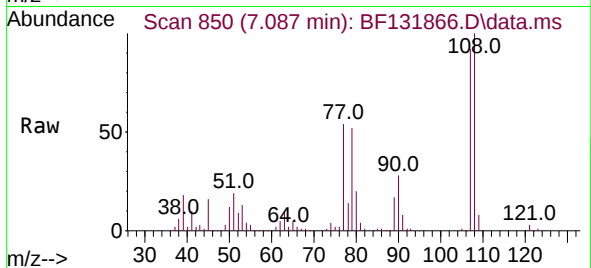
Tgt Ion: 45 Resp: 285787
Ion Ratio Lower Upper
45 100
77 18.9 0.0 36.1
79 15.6 0.0 33.3





#17
2-Methylphenol
Concen: 49.920 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

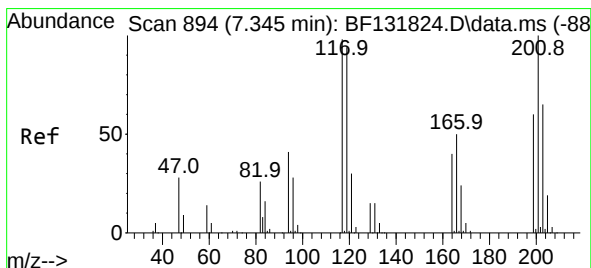
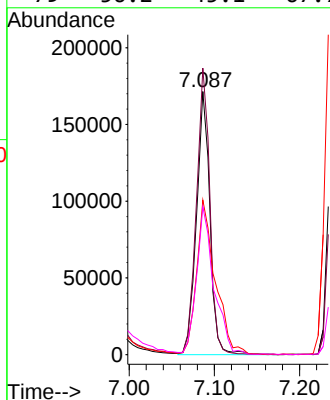
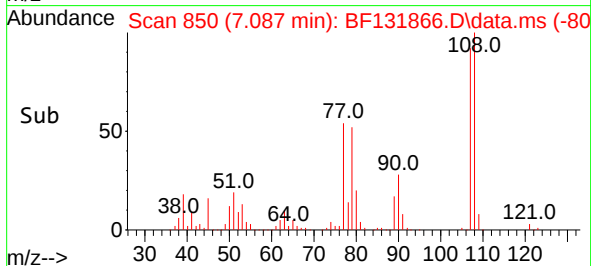
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



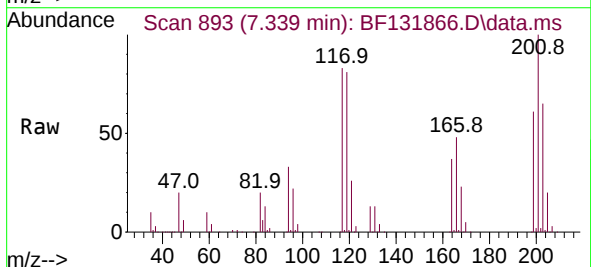
Tgt Ion:107 Resp: 188128
Ion Ratio Lower Upper
107 100
108 108.8 87.6 131.4
77 58.7 45.8 68.8
79 56.2 45.1 67.7

Manual Integrations
APPROVED

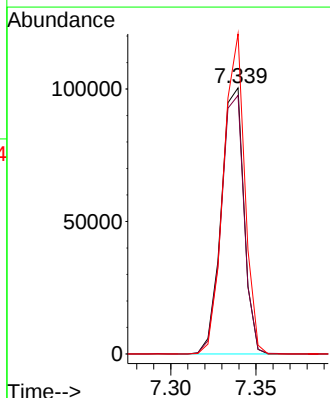
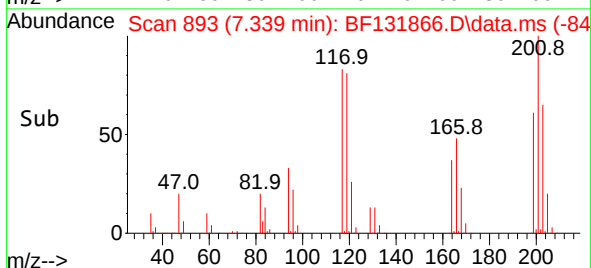
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

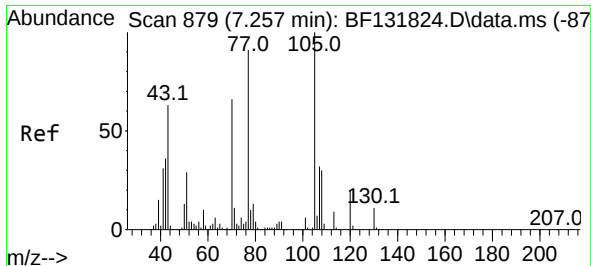


#18
Hexachloroethane
Concen: 48.525 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



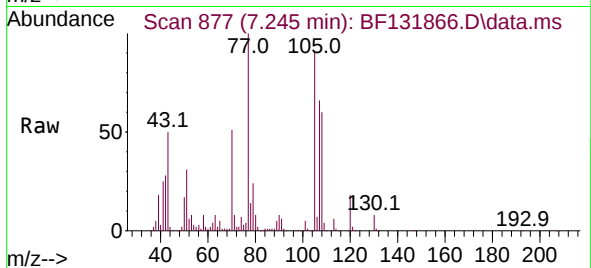
Tgt Ion:117 Resp: 93025
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
201 120.3 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 51.368 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

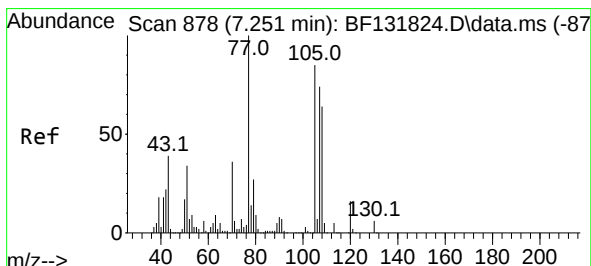
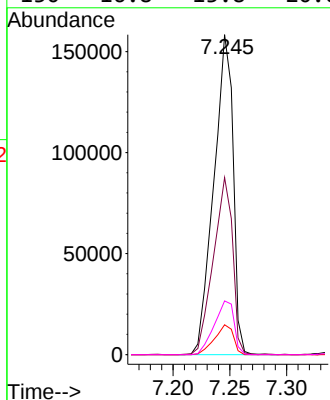
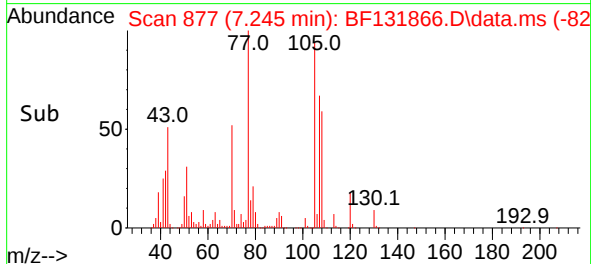
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



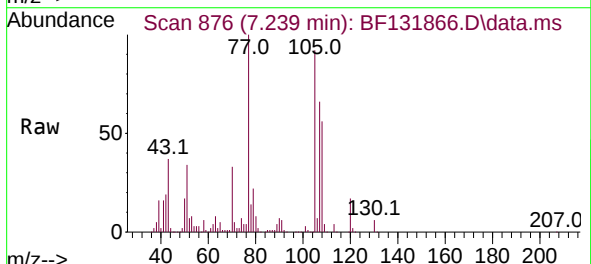
Tgt Ion: 70 Resp: 186491
Ion Ratio Lower Upper
70 100
42 55.3 43.8 65.6
101 9.3 7.4 11.0
130 16.8 13.8 20.6

Manual Integrations
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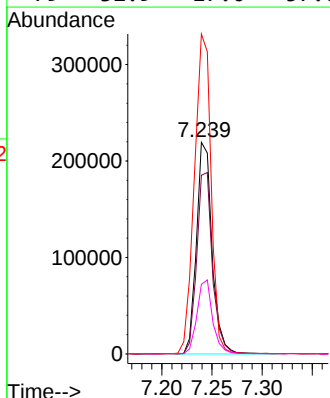
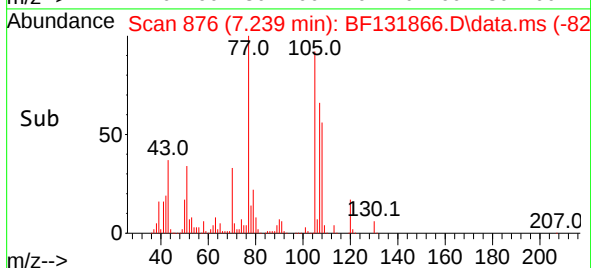
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

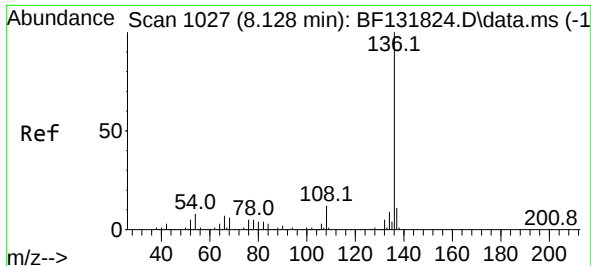


#20
3+4-Methylphenols
Concen: 48.227 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



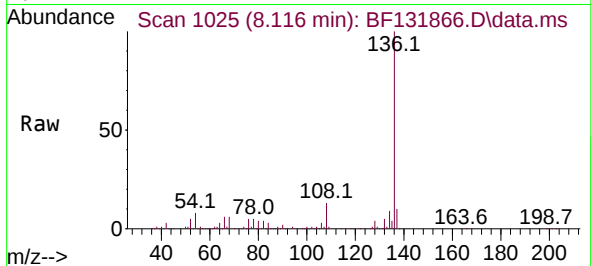
Tgt Ion:107 Resp: 237140
Ion Ratio Lower Upper
107 100
108 84.5 67.1 107.1
77 151.3 114.9 154.9
79 32.9 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

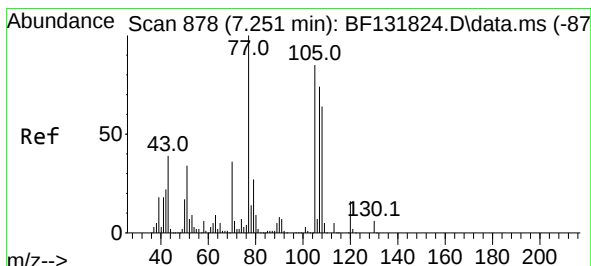
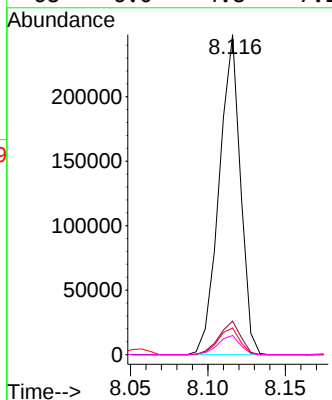
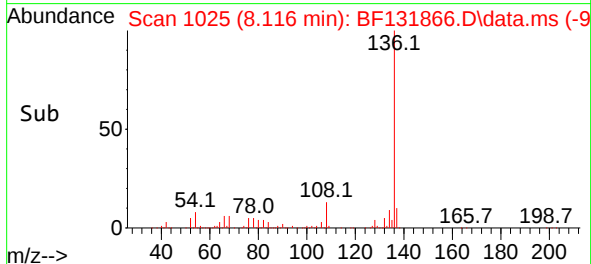
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:136 Resp: 236665
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.3 6.7 10.1
68 6.0 4.8 7.2

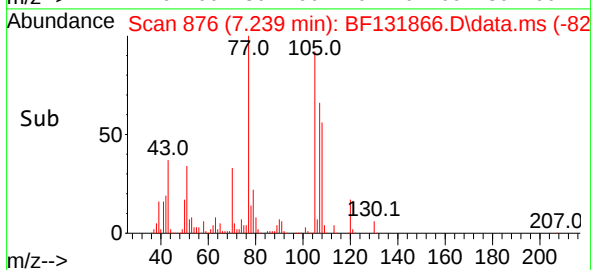
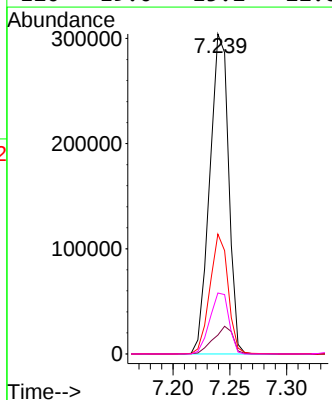
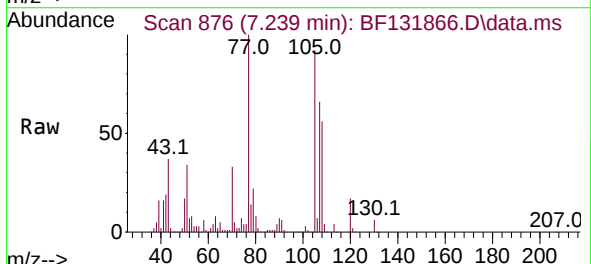
Manual Integrations
APPROVED

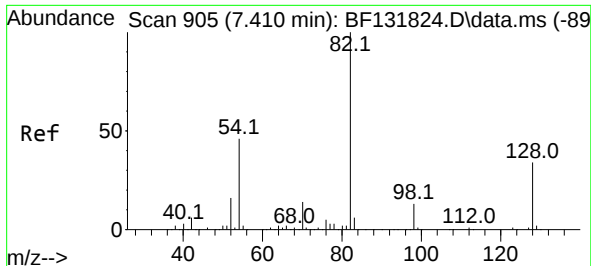
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#22
Acetophenone
Concen: 50.633 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion:105 Resp: 351308
Ion Ratio Lower Upper
105 100
71 5.9 5.4 8.0
51 37.5 31.9 47.9
120 19.0 15.2 22.8





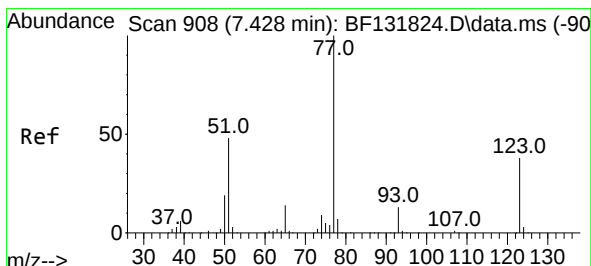
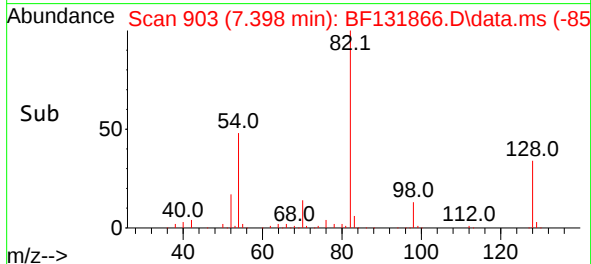
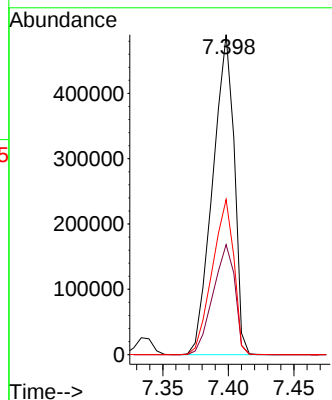
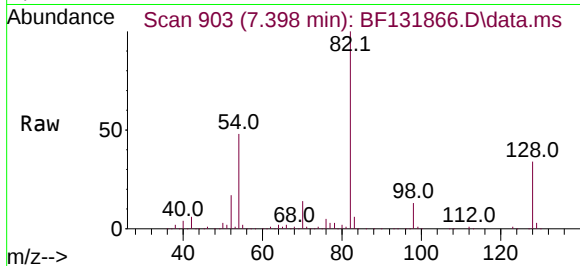
#23
Nitrobenzene-d5
Concen: 94.454 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion: 82 Resp: 559896
Ion Ratio Lower Upper
82 100
128 34.4 27.1 40.7
54 48.5 37.0 55.6

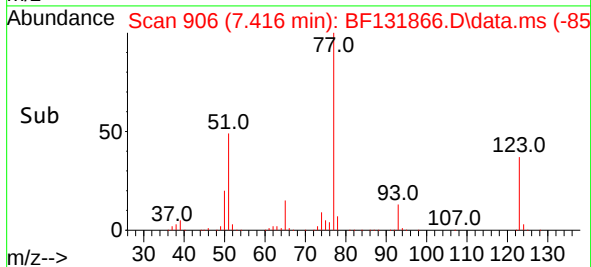
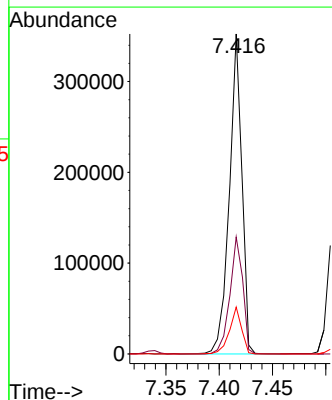
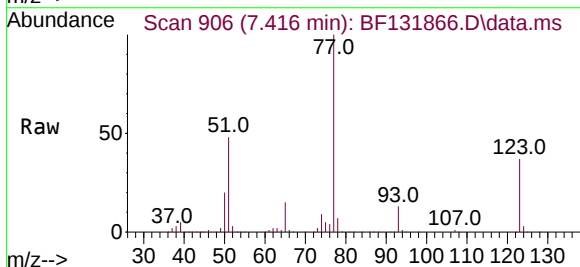
Manual Integrations
APPROVED

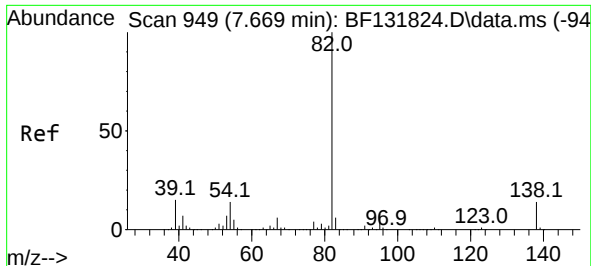
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#24
Nitrobenzene
Concen: 48.835 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion: 77 Resp: 290109
Ion Ratio Lower Upper
77 100
123 36.5 30.4 45.6
65 14.6 11.1 16.7





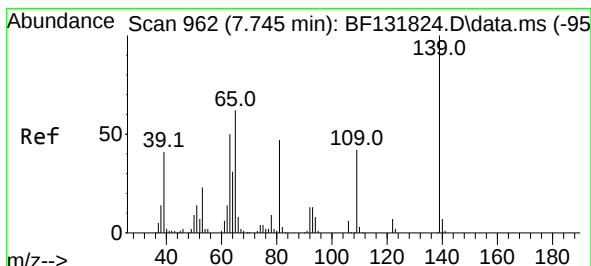
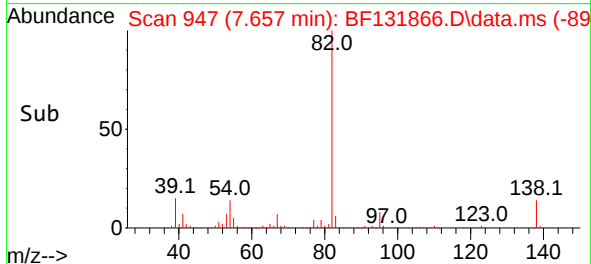
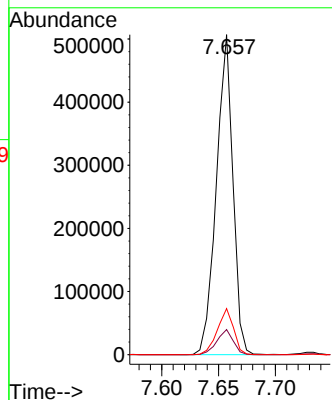
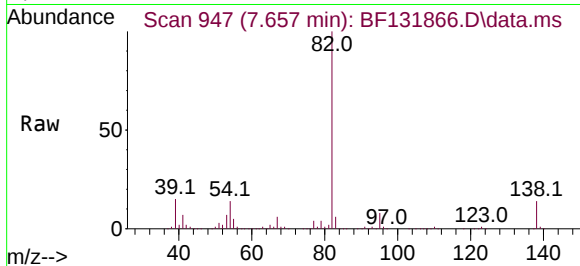
#25
Isophorone
Concen: 52.996 ng
RT: 7.657 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion: 82 Resp: 513019
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 14.4 11.5 17.3

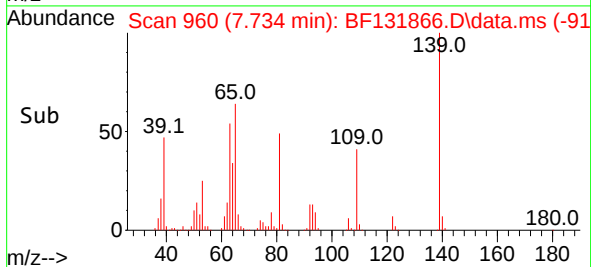
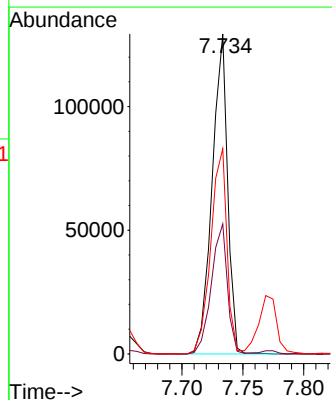
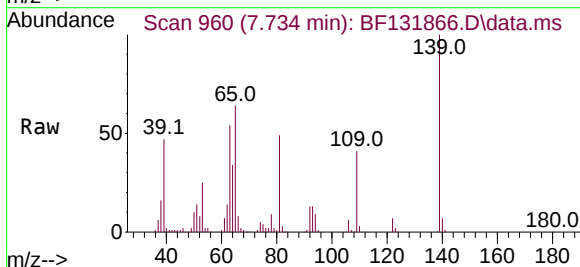
Manual Integrations
APPROVED

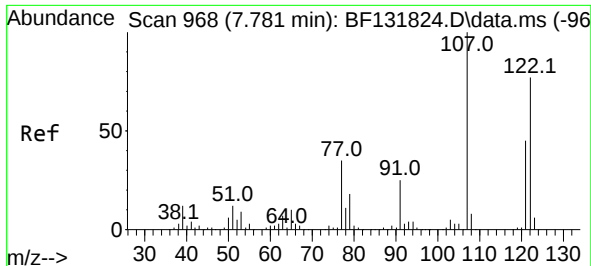
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#26
2-Nitrophenol
Concen: 49.713 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

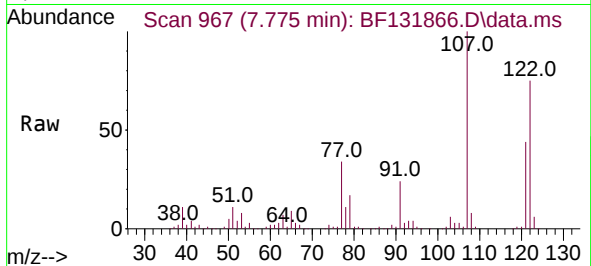
Tgt Ion:139 Resp: 114822
Ion Ratio Lower Upper
139 100
109 40.6 33.7 50.5
65 64.1 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 58.361 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

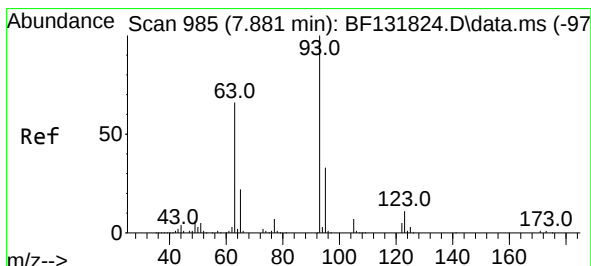
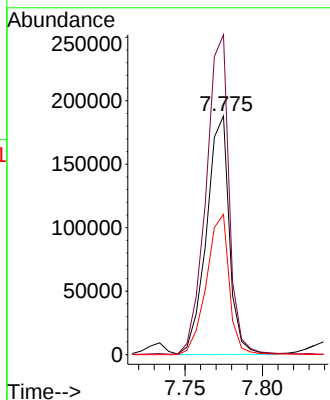
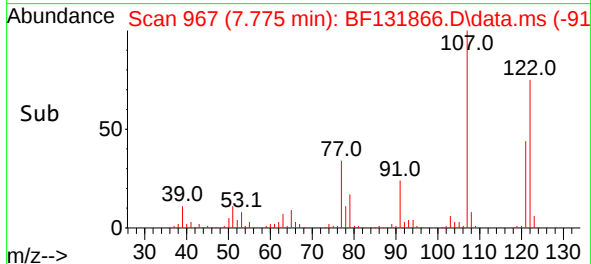
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



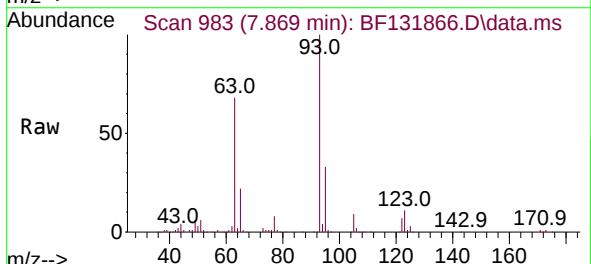
Tgt Ion:122 Resp: 192279
Ion Ratio Lower Upper
122 100
107 134.1 104.4 156.6
121 58.8 46.8 70.2

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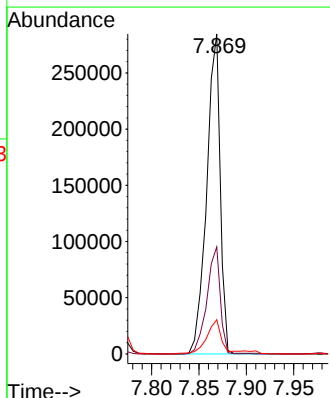
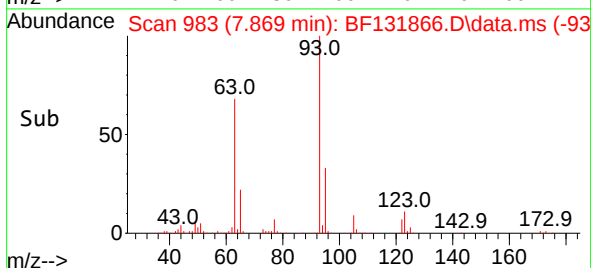
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

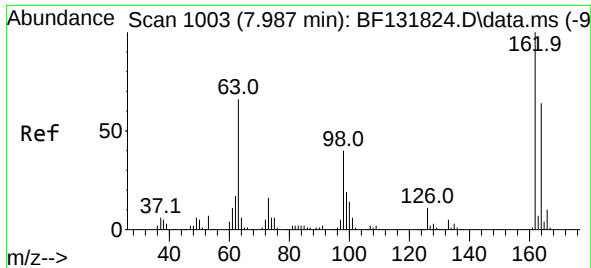


#28
bis(2-Chloroethoxy)methane
Concen: 54.668 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



Tgt Ion: 93 Resp: 283908
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 10.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 49.125 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.012 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1MSD

Tgt Ion:162 Resp: 194995

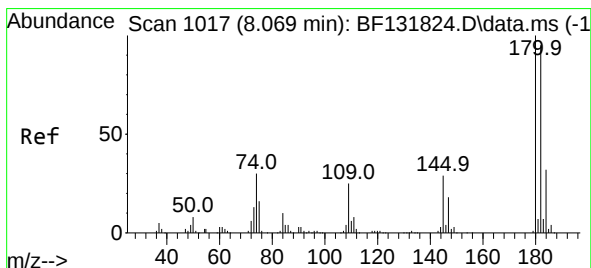
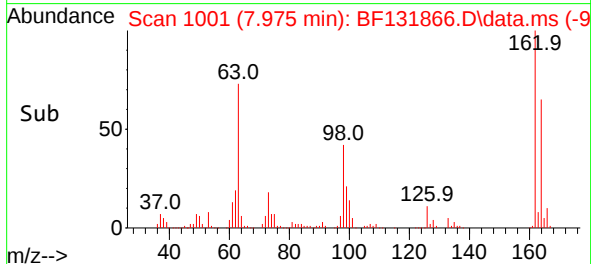
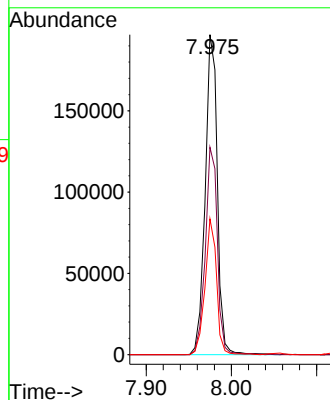
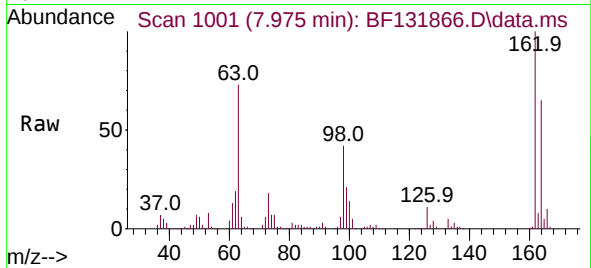
Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	42.4	19.9	59.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.395 ng

RT: 8.057 min Scan# 1015

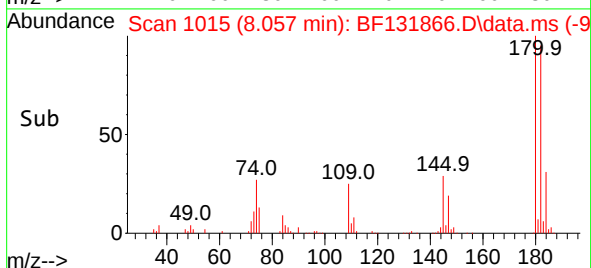
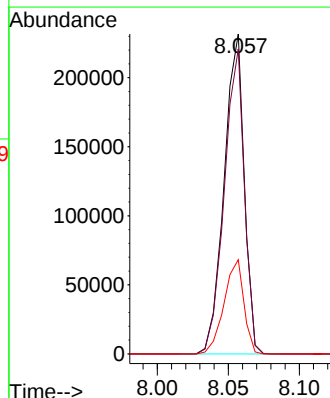
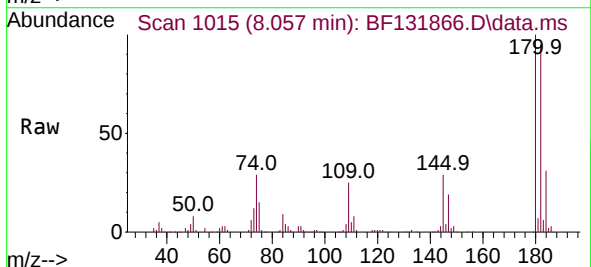
Delta R.T. -0.012 min

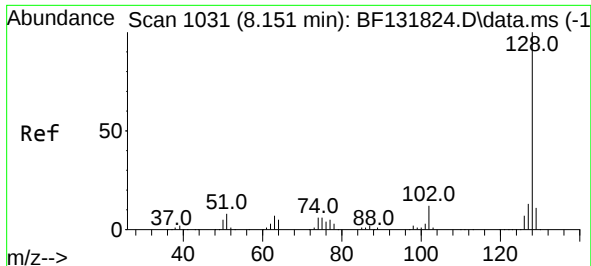
Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Tgt Ion:180 Resp: 227758

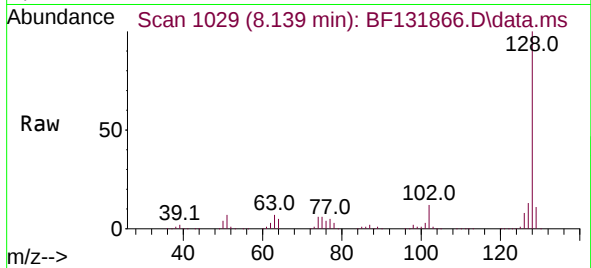
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	29.4	23.3	34.9





#31
Naphthalene
Concen: 48.050 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

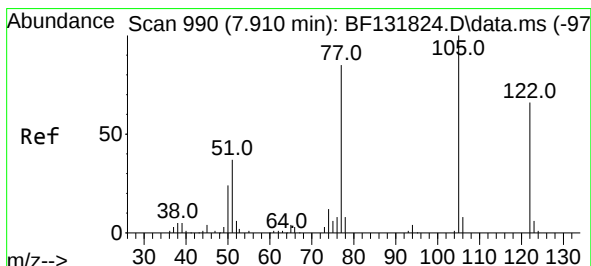
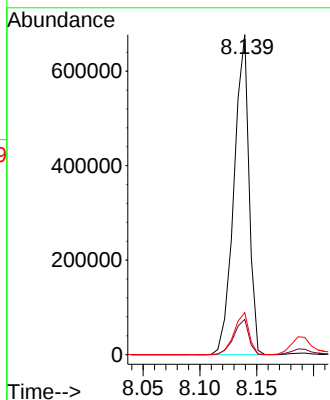
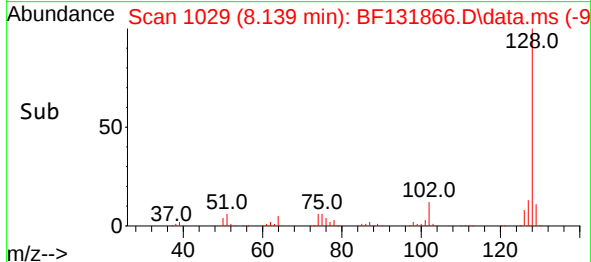
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:128 Resp: 622780
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.6 15.8

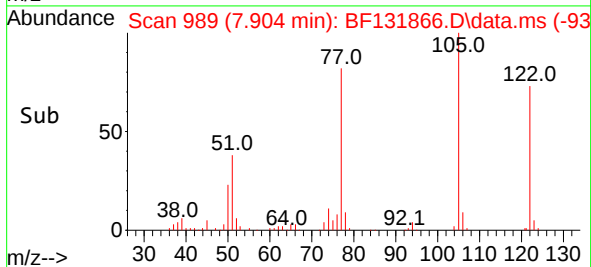
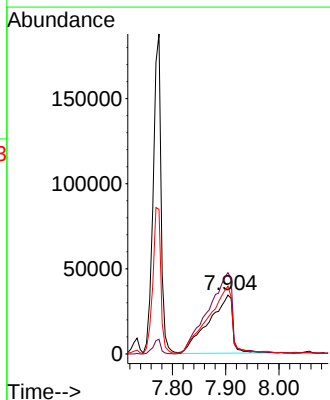
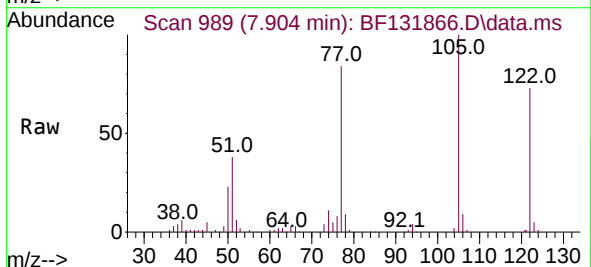
Manual Integrations
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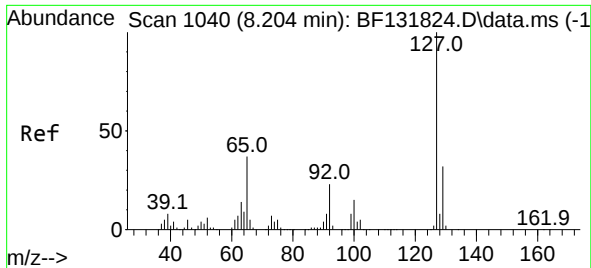
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#32
Benzoic acid
Concen: 44.970 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion:122 Resp: 108292
Ion Ratio Lower Upper
122 100
105 137.9 127.9 167.9
77 115.1 106.9 146.9





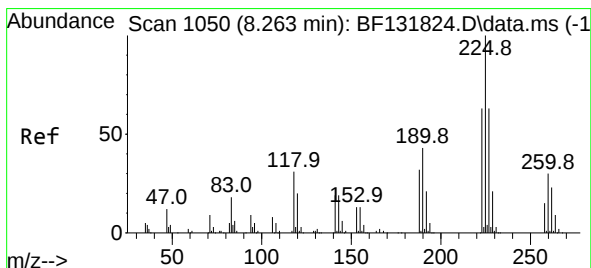
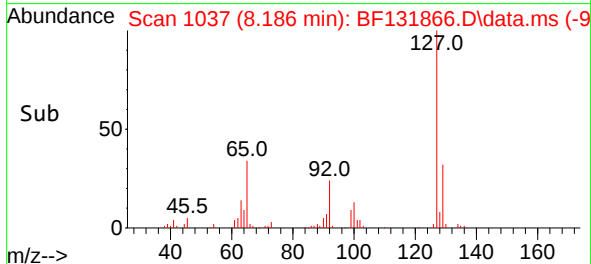
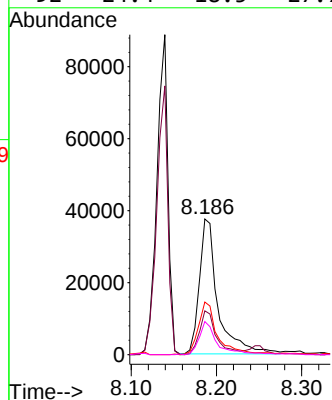
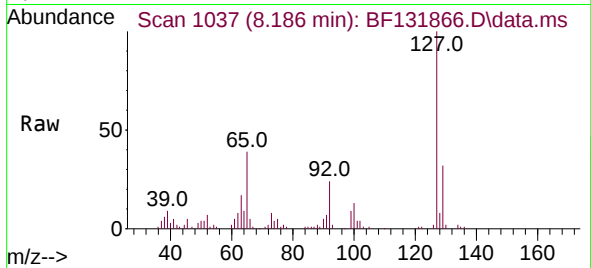
#33
4-Chloroaniline
Concen: 11.414 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion:127	Resp:	5676
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.8 38.8
65	38.7	29.7 44.5
92	24.4	18.5 27.7

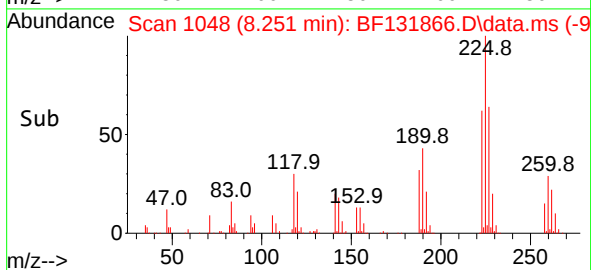
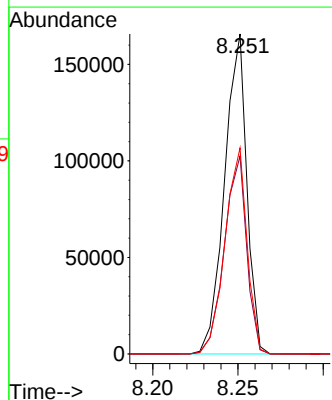
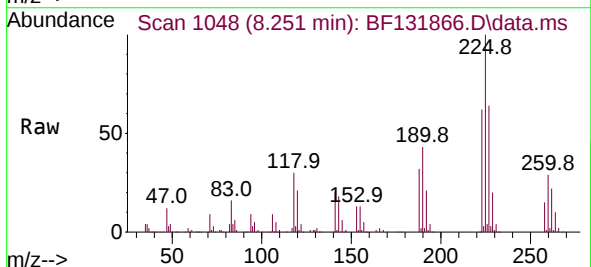
Manual Integrations
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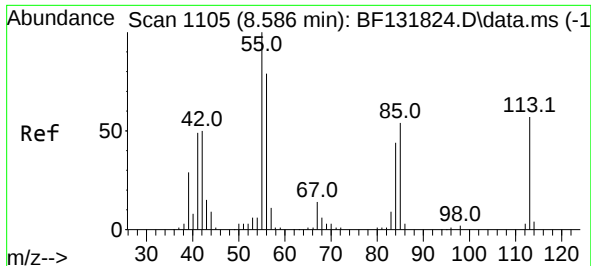
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#34
Hexachlorobutadiene
Concen: 46.674 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

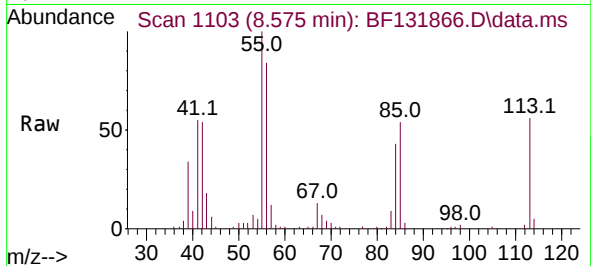
Tgt Ion:225	Resp:	150279
Ion Ratio	Lower	Upper
225	100	
223	61.8	50.0 75.0
227	64.4	50.8 76.2





#35
Caprolactam
Concen: 41.212 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

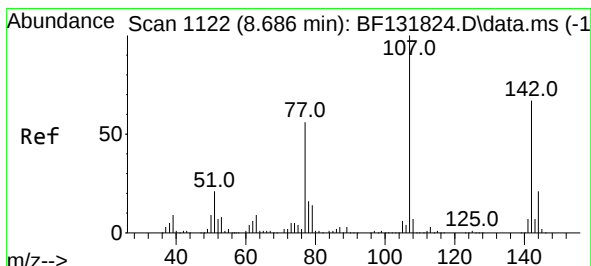
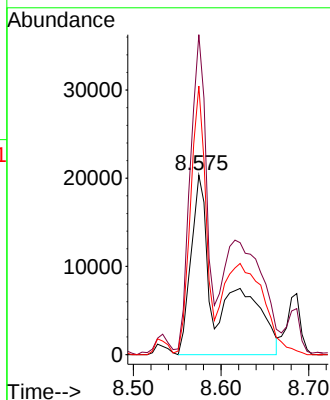
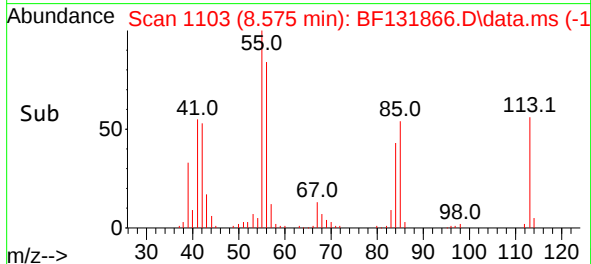
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:113 Resp: 48434
Ion Ratio Lower Upper
113 100
55 178.4 153.3 193.3
56 149.7 116.3 156.3

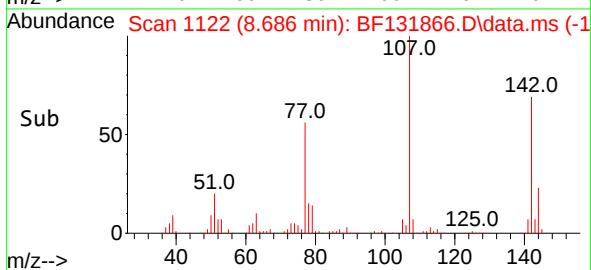
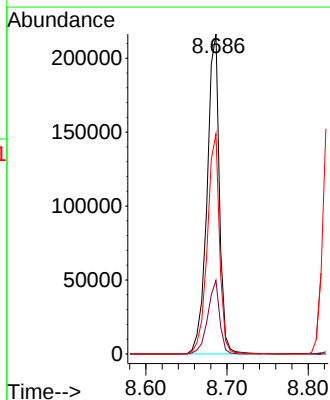
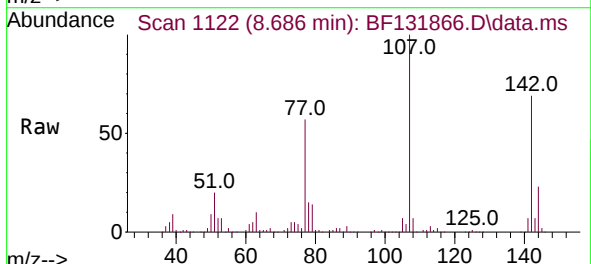
Manual Integrations
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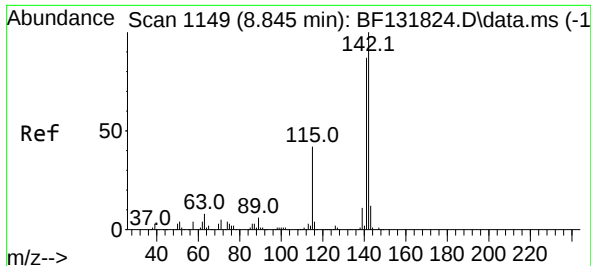
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#36
4-Chloro-3-methylphenol
Concen: 51.098 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion:107 Resp: 229232
Ion Ratio Lower Upper
107 100
144 23.0 16.8 25.2
142 68.8 53.8 80.8





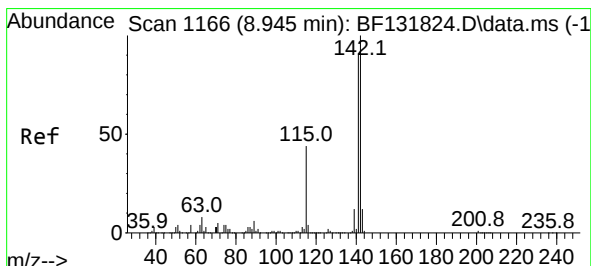
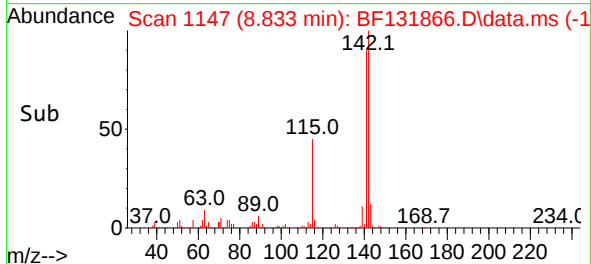
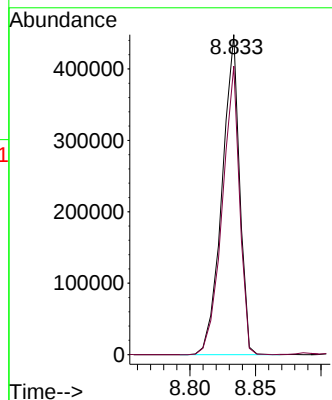
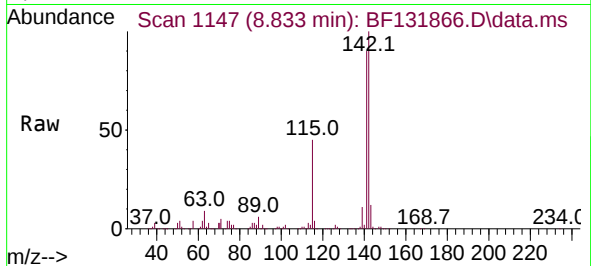
#37
2-Methylnaphthalene
Concen: 47.969 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion:142 Resp: 417268
Ion Ratio Lower Upper
142 100
141 90.1 69.8 104.8

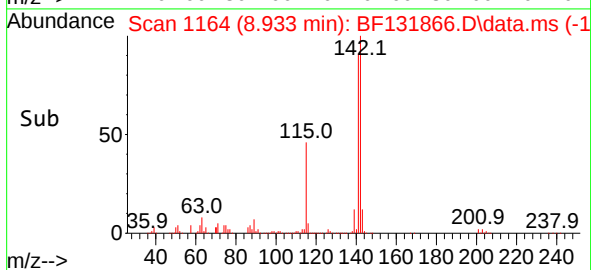
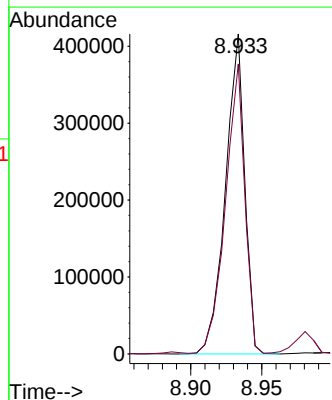
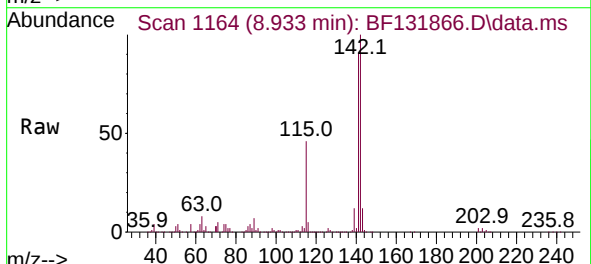
Manual Integrations
APPROVED

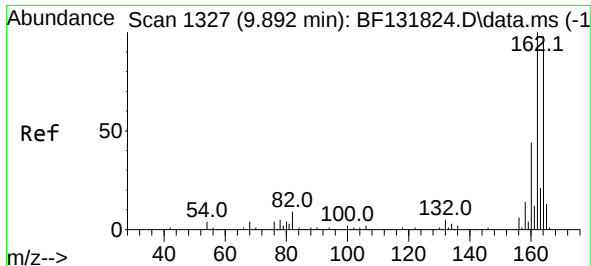
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#38
1-Methylnaphthalene
Concen: 46.617 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

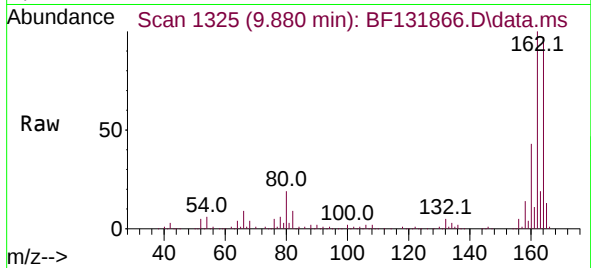
Tgt Ion:142 Resp: 393884
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

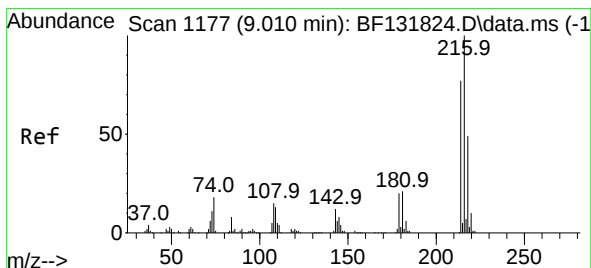
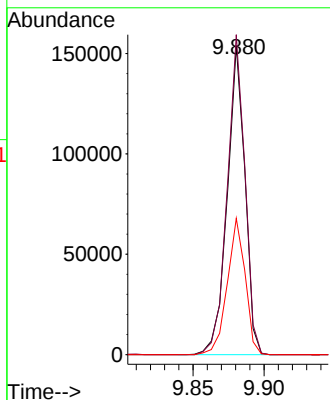
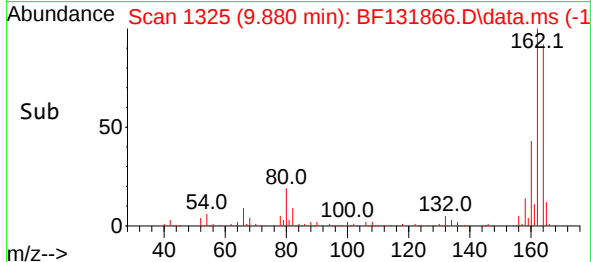
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:164 Resp: 133525
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 44.1 35.7 53.5

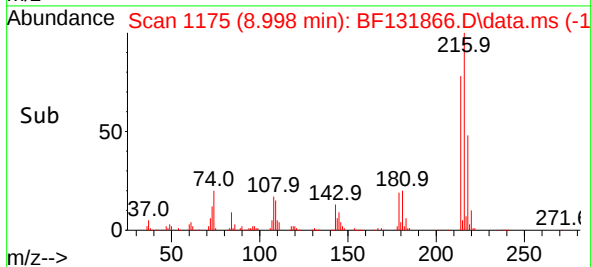
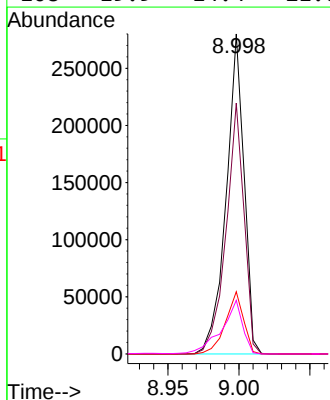
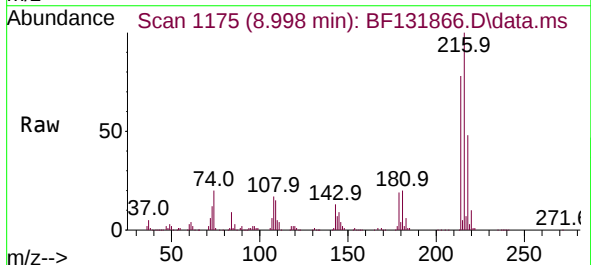
Manual Integrations
APPROVED

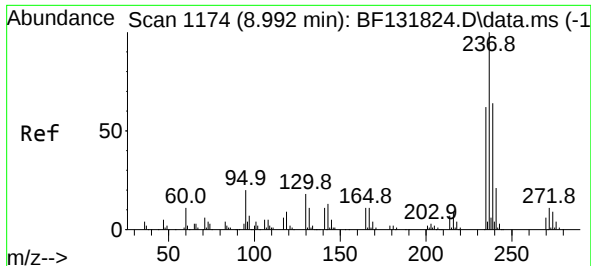
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.105 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

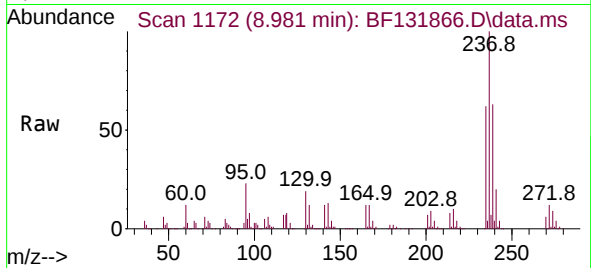
Tgt Ion:216 Resp: 244286
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 19.7 16.4 24.6
108 19.9 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 110.789 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

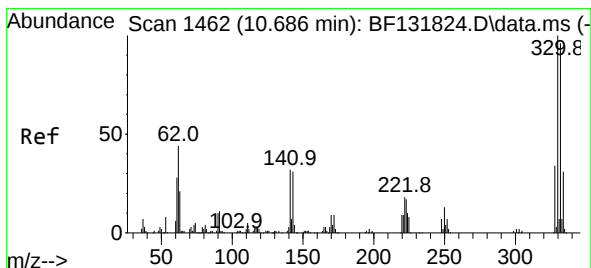
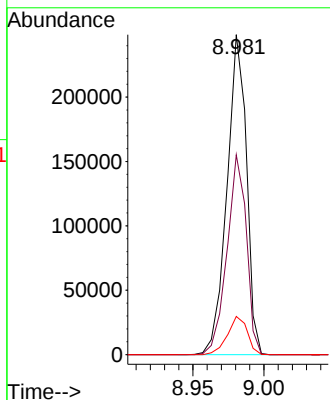
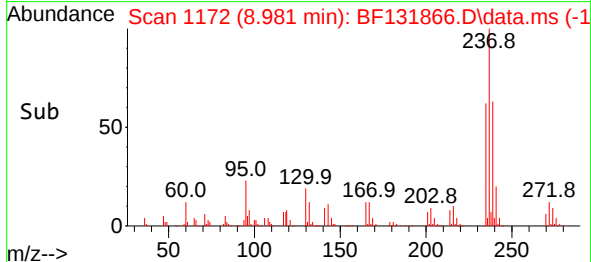
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



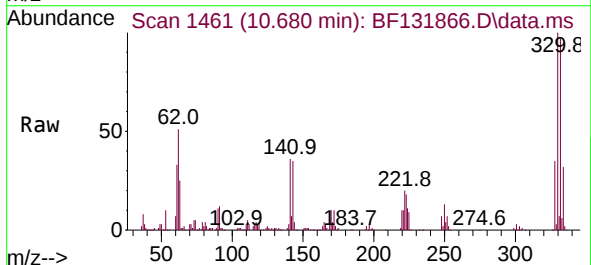
Tgt Ion:237 Resp: 237624
Ion Ratio Lower Upper
237 100
235 62.4 42.3 82.3
272 11.9 0.0 31.4

Manual Integrations
APPROVED

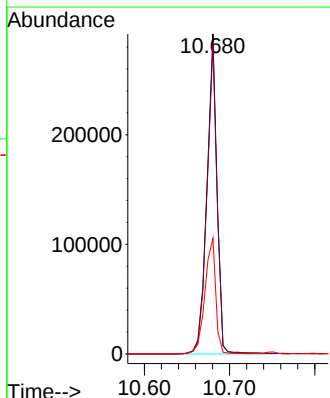
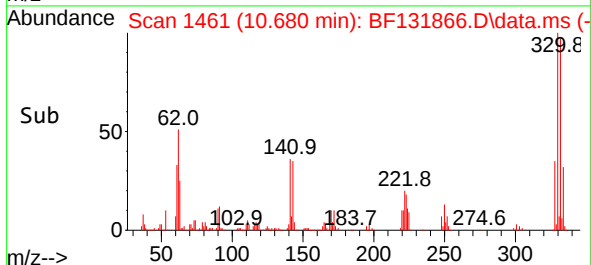
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

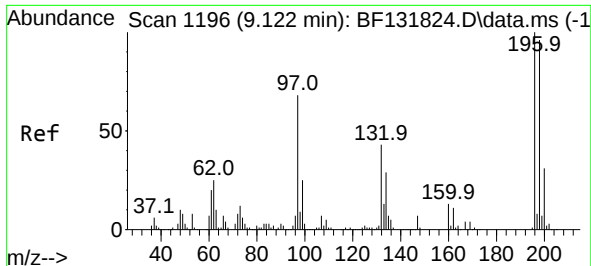


#42
2,4,6-Tribromophenol
Concen: 166.366 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



Tgt Ion:330 Resp: 241356
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 38.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 50.776 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1MSD

Tgt Ion:196 Resp: 152469

Ion Ratio Lower Upper

196 100

198 96.6 76.5 114.7

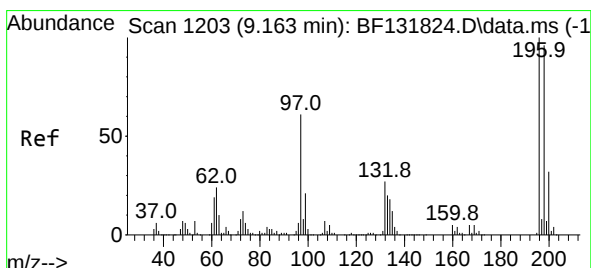
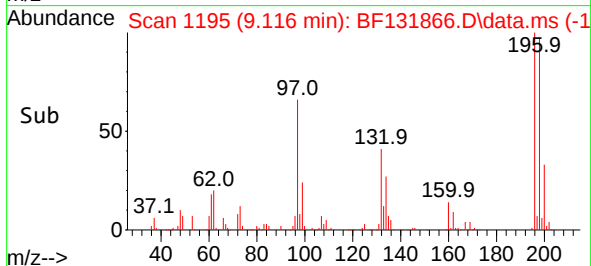
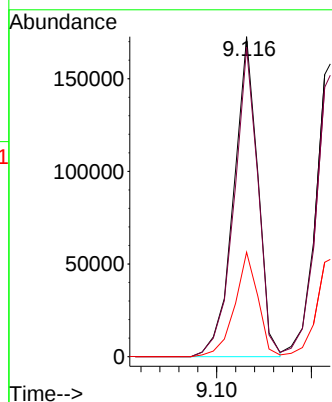
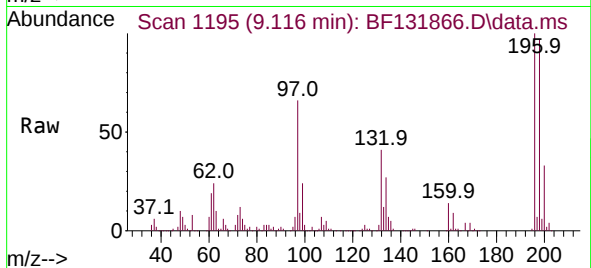
200 32.6 24.5 36.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#44

2,4,5-Trichlorophenol

Concen: 50.442 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Tgt Ion:196 Resp: 163730

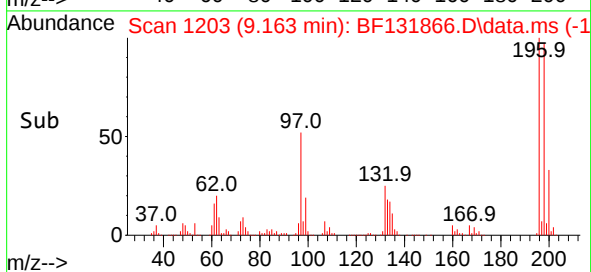
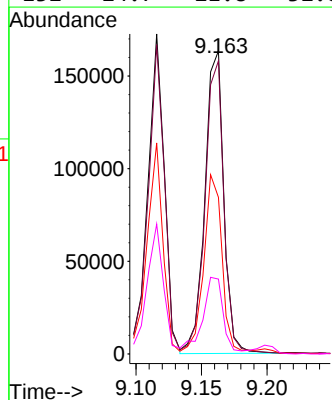
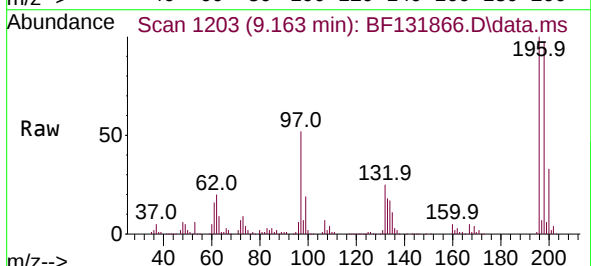
Ion Ratio Lower Upper

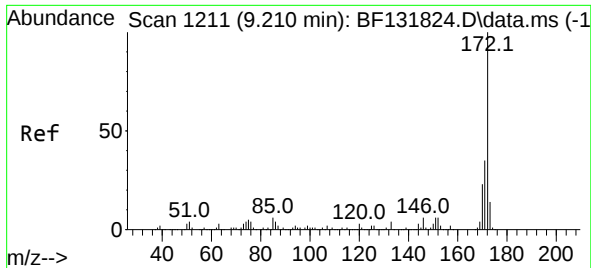
196 100

198 96.7 76.6 115.0

97 51.7 49.3 73.9

132 24.7 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 99.630 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1MSD

Tgt Ion:172 Resp: 971218

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

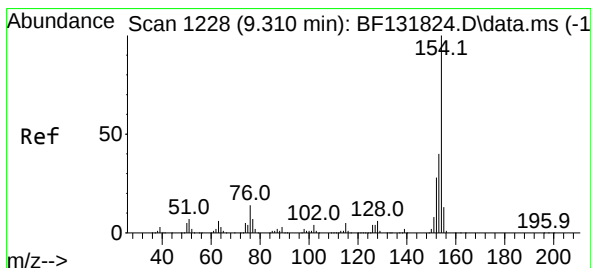
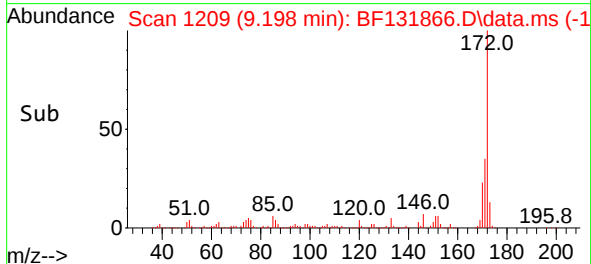
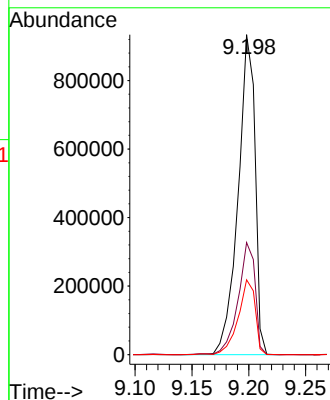
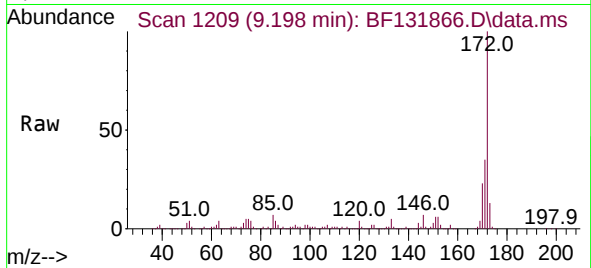
170 23.4 18.7 28.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#46

1,1'-Biphenyl

Concen: 52.412 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

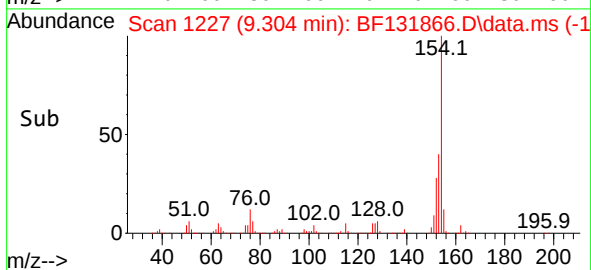
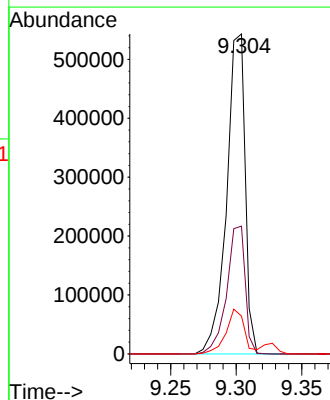
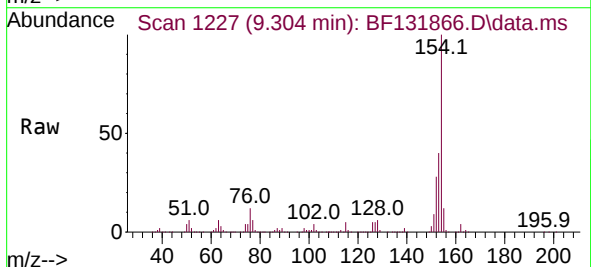
Tgt Ion:154 Resp: 535797

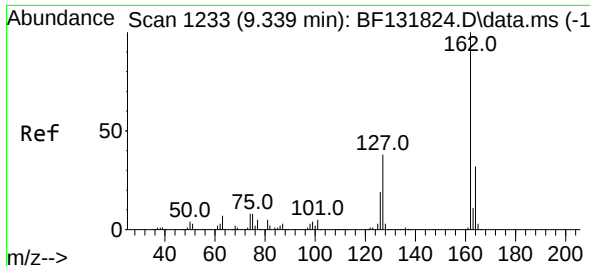
Ion Ratio Lower Upper

154 100

153 39.9 19.8 59.8

76 11.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 51.055 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.012 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

ClientSampleId :

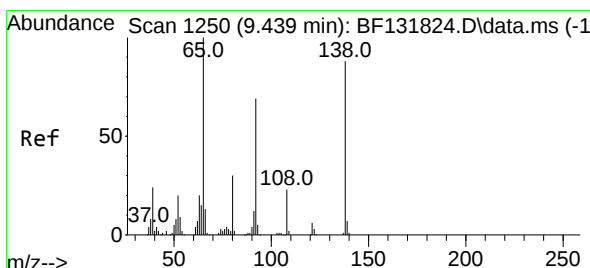
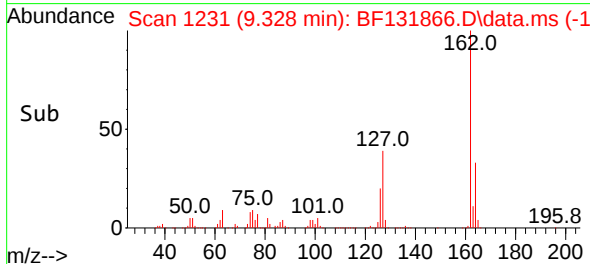
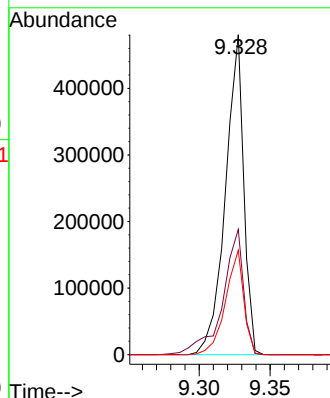
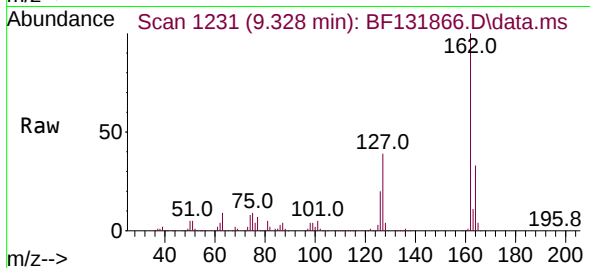
TR-604-COMP-1MSD

Tgt Ion:162 Resp: 431788
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.0 46.6
 164 32.6 25.9 38.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023



#48

2-Nitroaniline

Concen: 50.677 ng

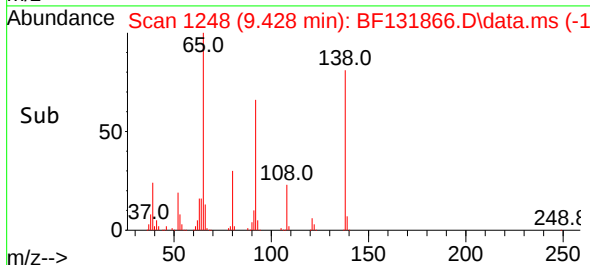
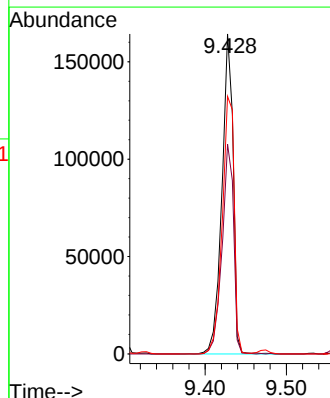
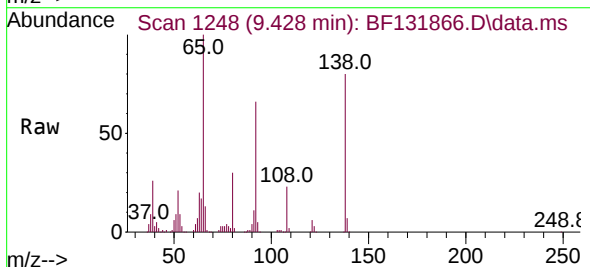
RT: 9.428 min Scan# 1248

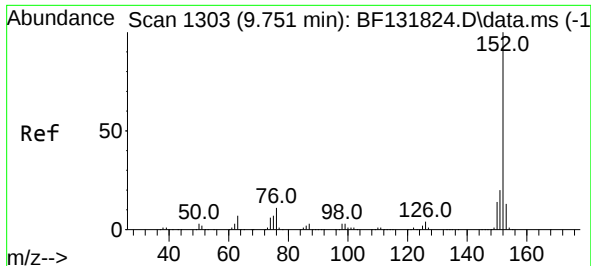
Delta R.T. -0.012 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Tgt Ion: 65 Resp: 157095
 Ion Ratio Lower Upper
 65 100
 92 65.6 55.0 82.6
 138 80.5 70.4 105.6





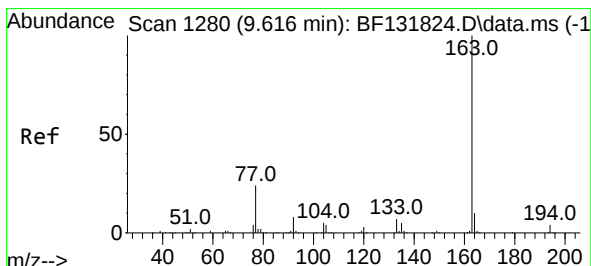
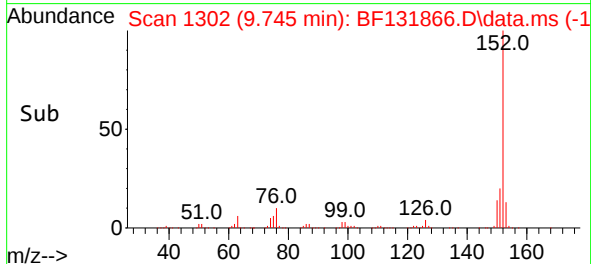
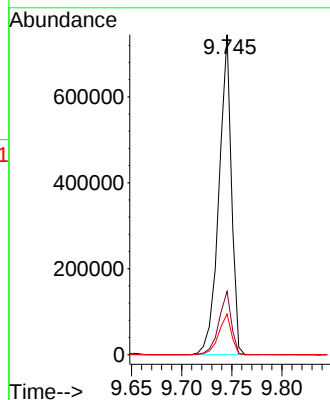
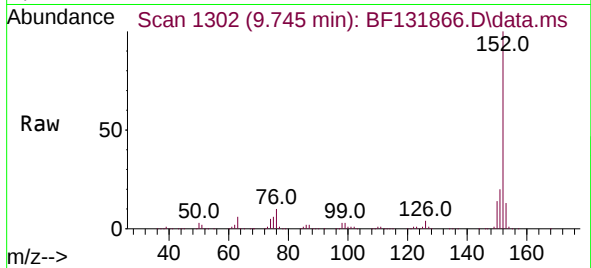
#49
Acenaphthylene
Concen: 51.505 ng
RT: 9.745 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion:152 Resp: 648612
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.7 10.2 15.4

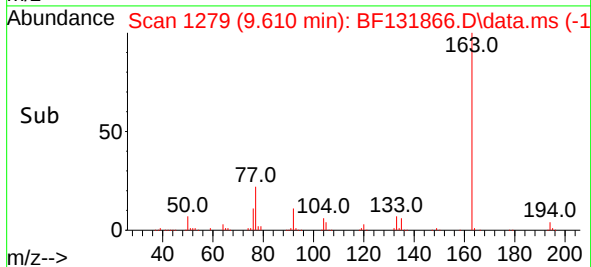
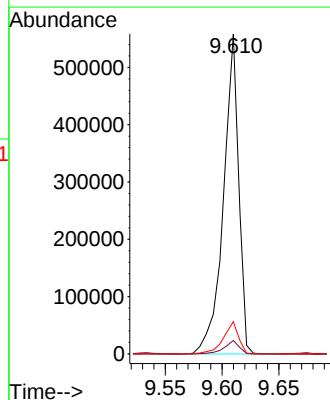
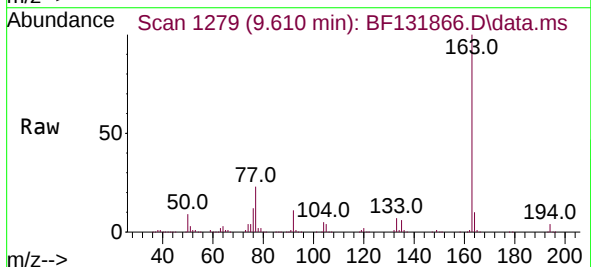
Manual Integrations
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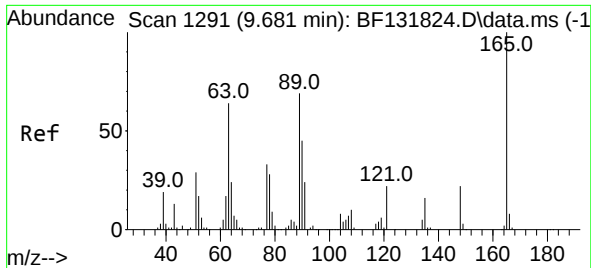
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#50
Dimethylphthalate
Concen: 51.450 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion:163 Resp: 519730
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 52.206 ng

RT: 9.675 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

ClientSampleId :

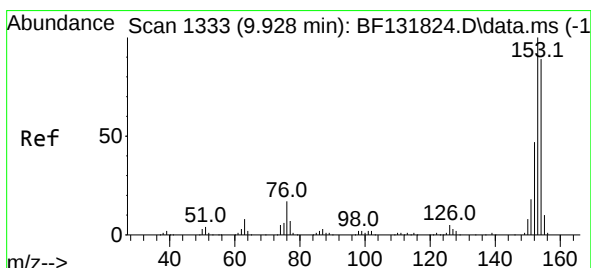
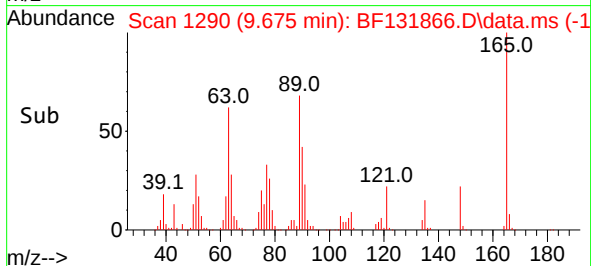
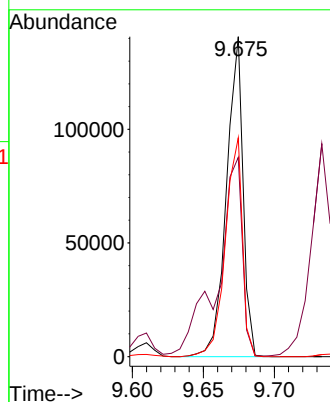
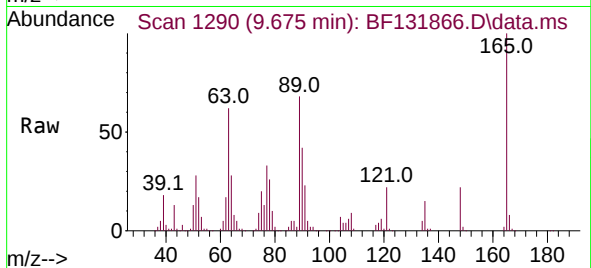
TR-604-COMP-1MSD

Tgt Ion:165 Resp: 114163
 Ion Ratio Lower Upper
 165 100
 63 62.3 55.1 82.7
 89 68.4 55.0 82.4

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Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023



#52

Acenaphthene

Concen: 50.272 ng

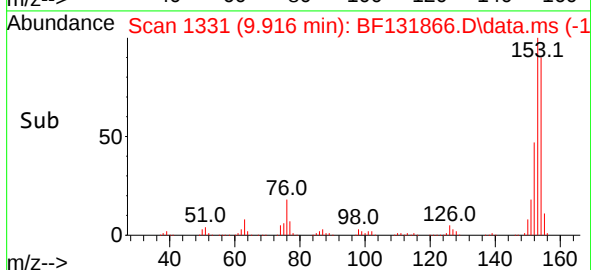
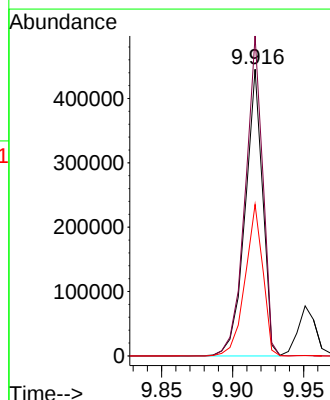
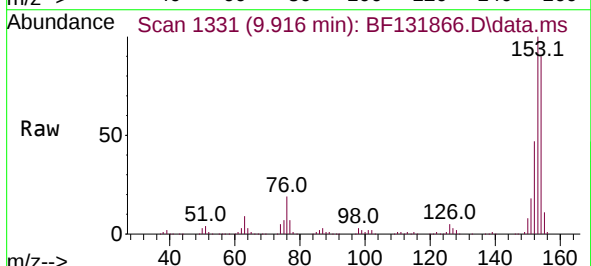
RT: 9.916 min Scan# 1331

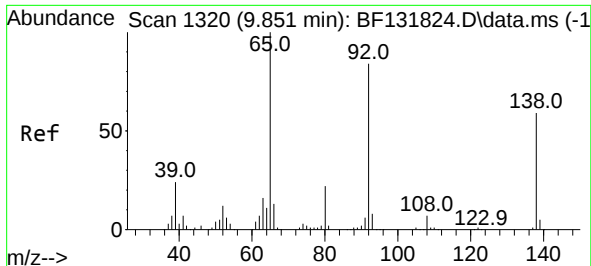
Delta R.T. -0.012 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Tgt Ion:154 Resp: 382089
 Ion Ratio Lower Upper
 154 100
 153 111.6 90.2 135.2
 152 52.8 42.5 63.7





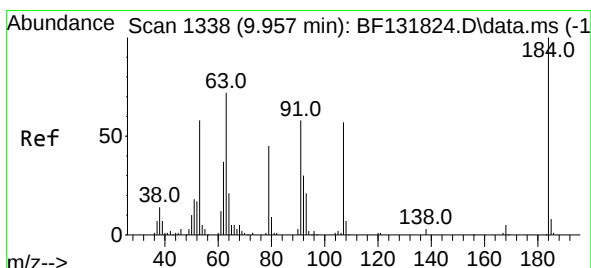
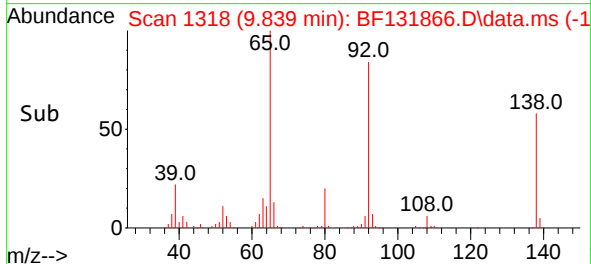
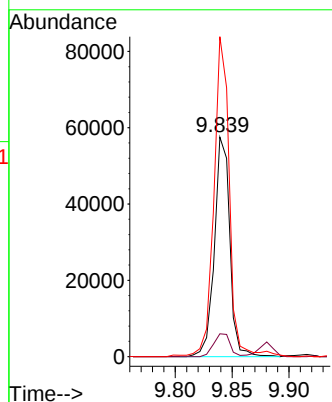
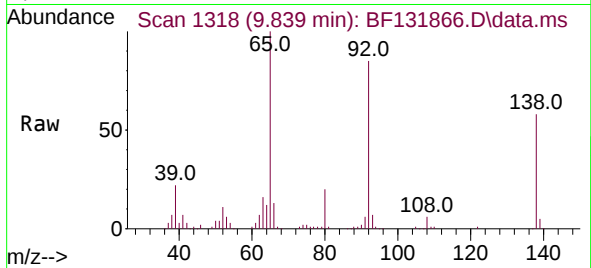
#53
3-Nitroaniline
Concen: 24.363 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion:138 Resp: 54284
Ion Ratio Lower Upper
138 100
108 10.4 9.3 13.9
92 145.8 113.9 170.9

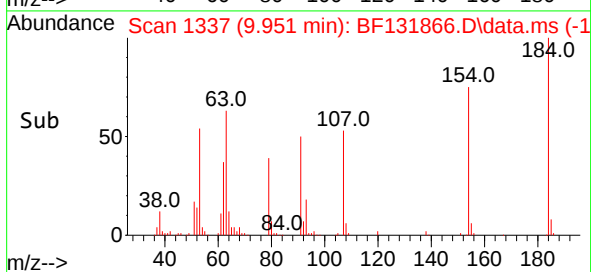
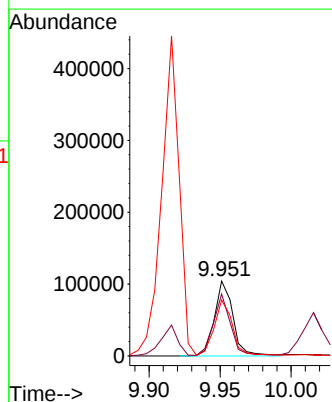
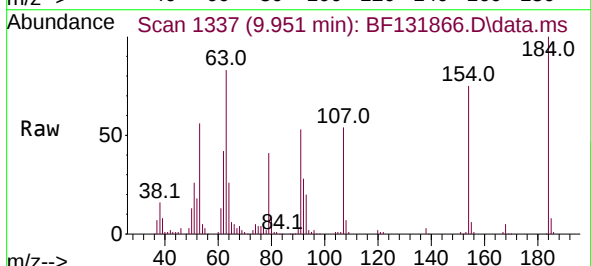
Manual Integrations
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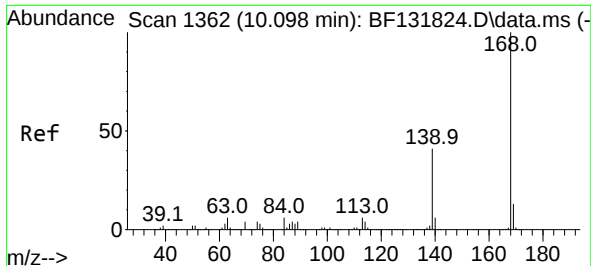
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#54
2,4-Dinitrophenol
Concen: 75.189 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

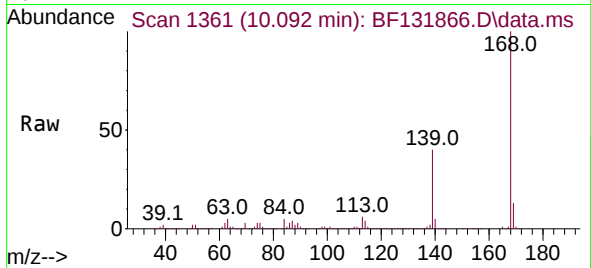
Tgt Ion:184 Resp: 94620
Ion Ratio Lower Upper
184 100
63 82.7 66.8 100.2
154 74.8 61.6 92.4





#55
Dibenzenofuran
Concen: 50.927 ng
RT: 10.092 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

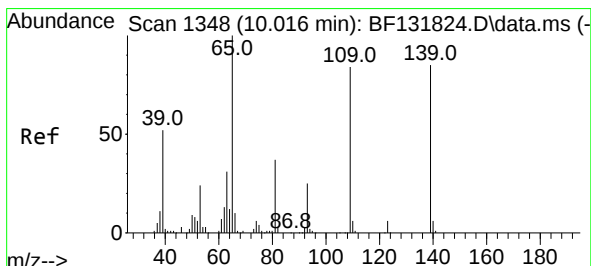
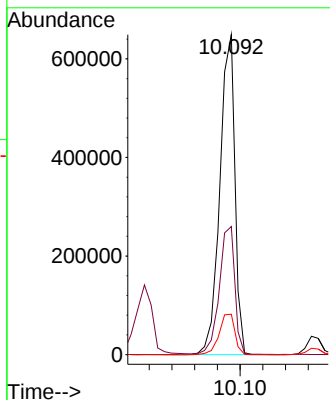
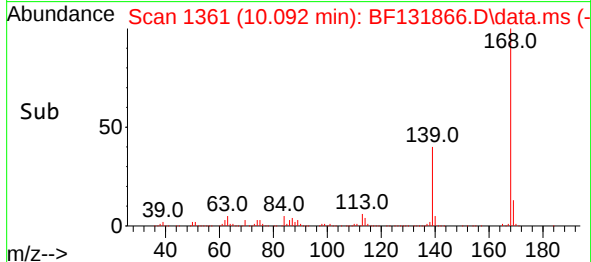
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:168 Resp: 59635
Ion Ratio Lower Upper
168 100
139 40.0 32.6 49.0
169 12.6 10.5 15.7

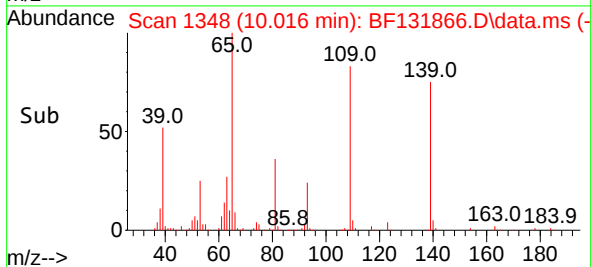
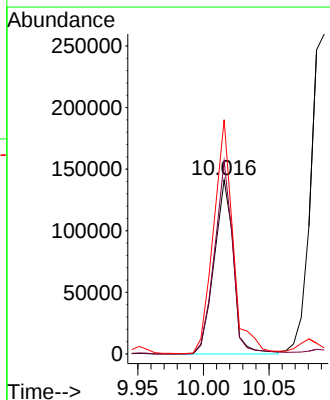
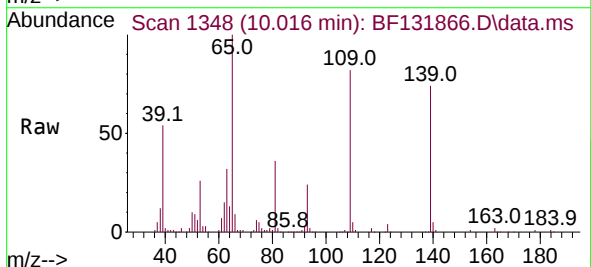
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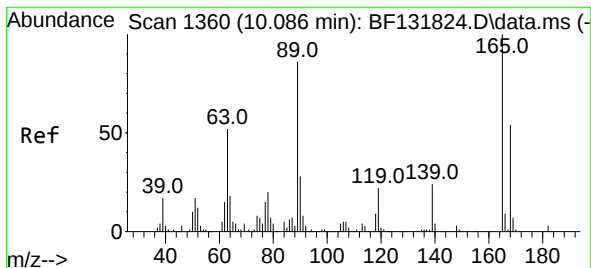
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#56
4-Nitrophenol
Concen: 92.606 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

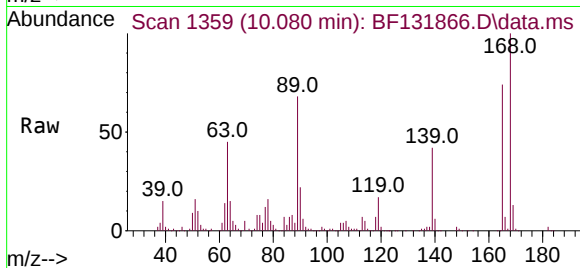
Tgt Ion:139 Resp: 144546
Ion Ratio Lower Upper
139 100
109 111.0 78.5 118.5
65 134.6 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 51.126 ng
RT: 10.080 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

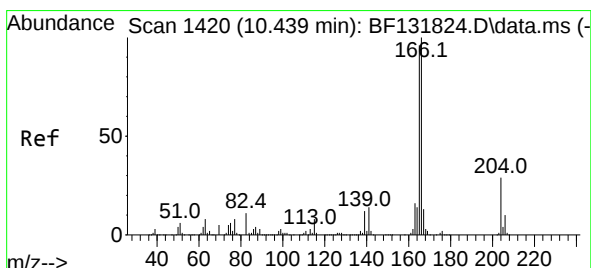
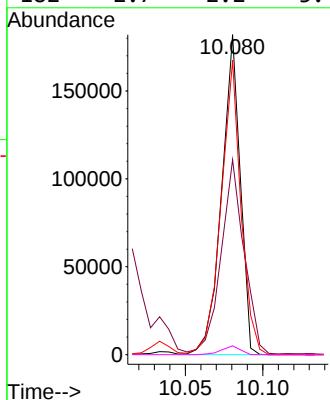
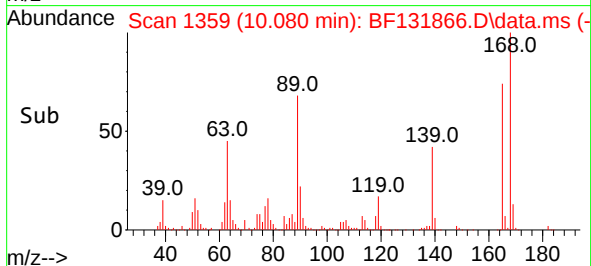
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



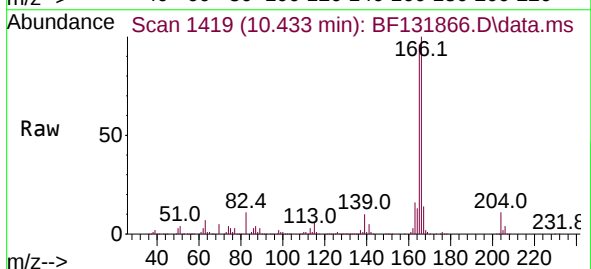
Tgt Ion:165 Resp: 152895
Ion Ratio Lower Upper
165 100
63 60.9 42.1 63.1
89 92.0 69.1 103.7
182 2.7 2.2 3.4

Manual Integrations
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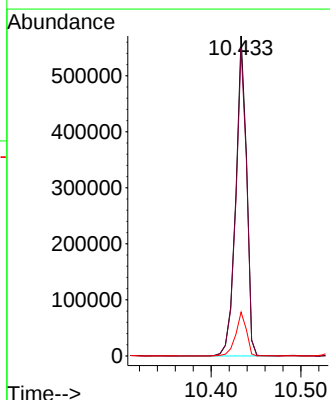
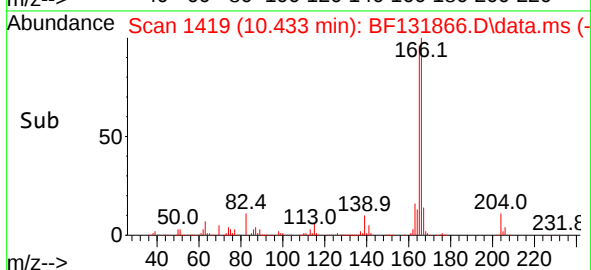
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

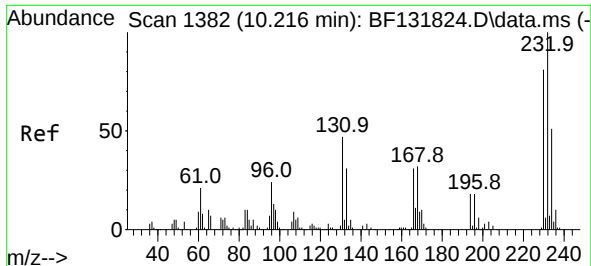


#58
Fluorene
Concen: 50.235 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



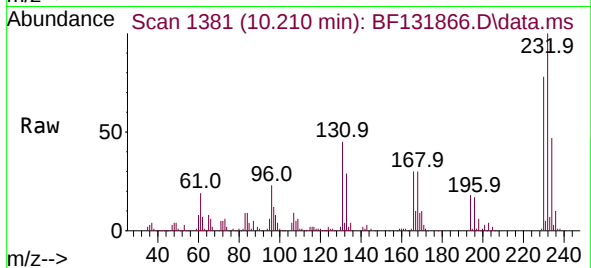
Tgt Ion:166 Resp: 480231
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.4
167 13.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.119 ng m
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

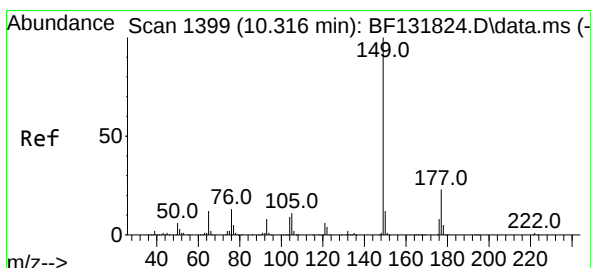
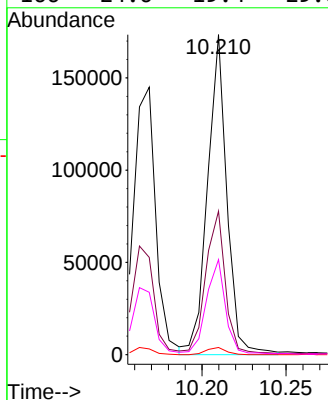
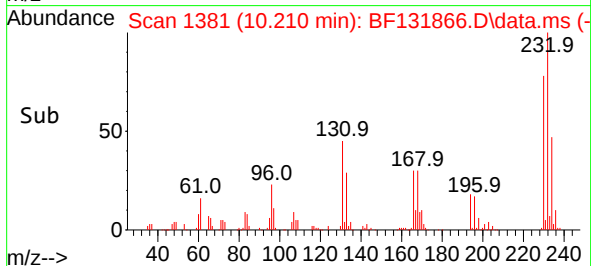
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



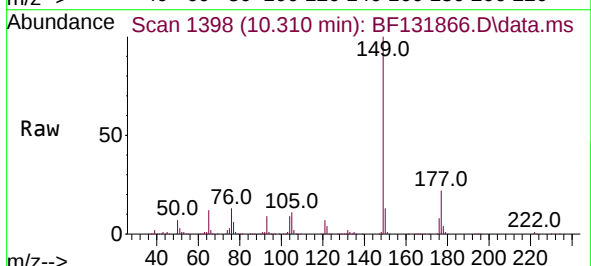
Tgt Ion:232 Resp: 138830
Ion Ratio Lower Upper
232 100
131 39.2 30.1 45.1
130 2.3 1.8 2.6
166 24.6 19.4 29.0

Manual Integrations
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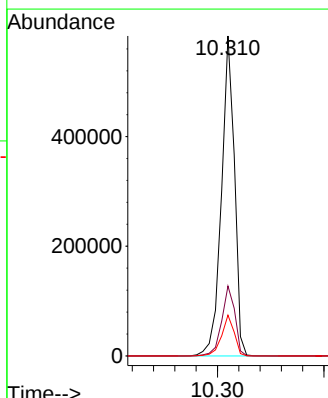
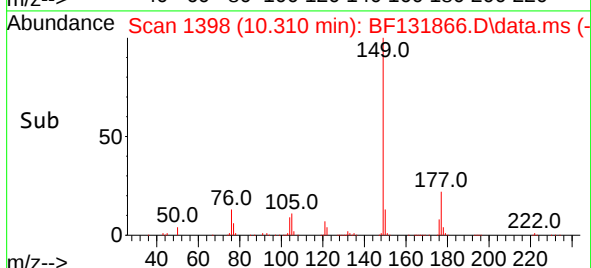
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

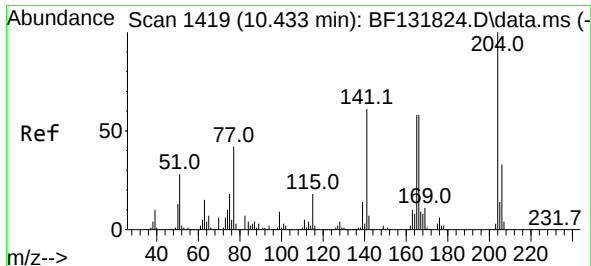


#60
Diethylphthalate
Concen: 51.065 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



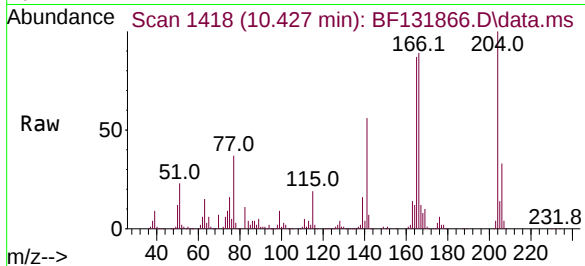
Tgt Ion:149 Resp: 496481
Ion Ratio Lower Upper
149 100
177 21.8 18.1 27.1
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 52.617 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

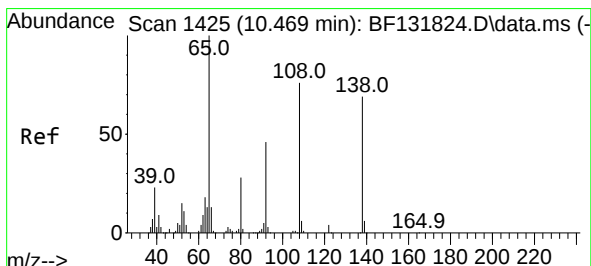
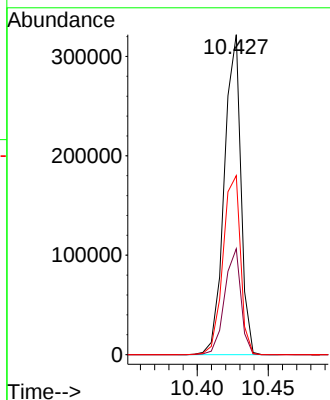
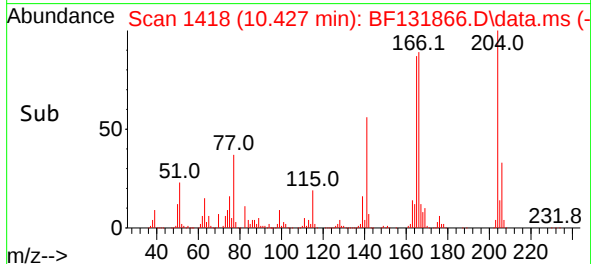
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:204 Resp: 261486
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 56.0 49.0 73.4

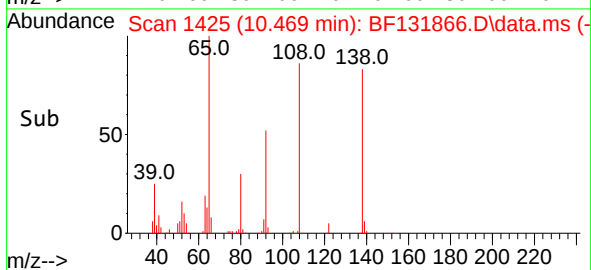
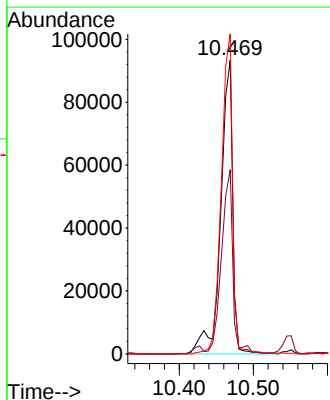
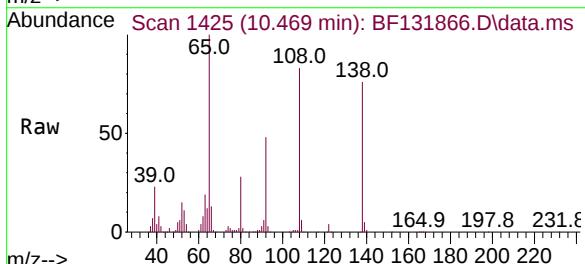
Manual Integrations
APPROVED

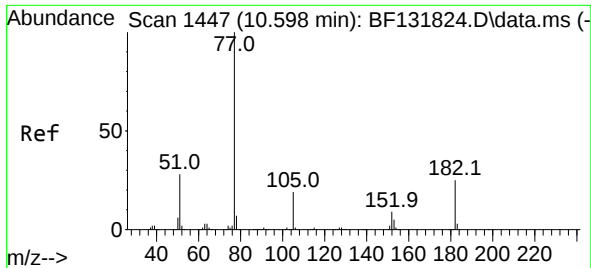
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#62
4-Nitroaniline
Concen: 44.873 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

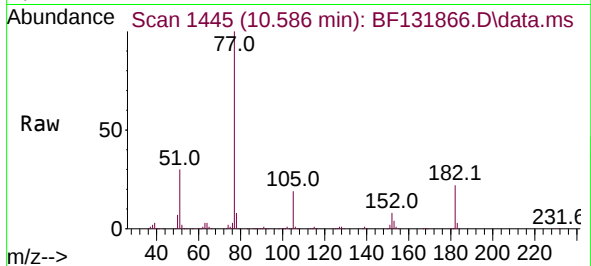
Tgt Ion:138 Resp: 104201
Ion Ratio Lower Upper
138 100
92 62.7 47.2 87.2
108 108.9 89.2 129.2





#63
Azobenzene
Concen: 50.503 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

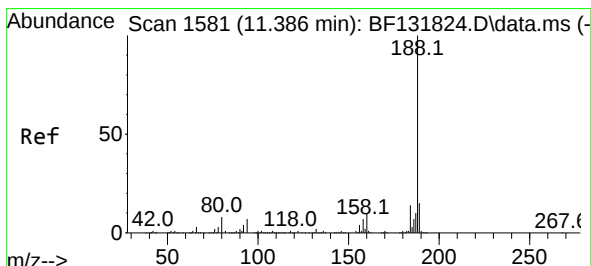
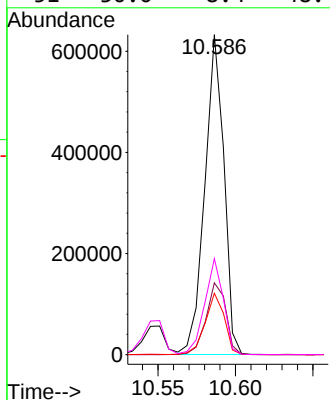
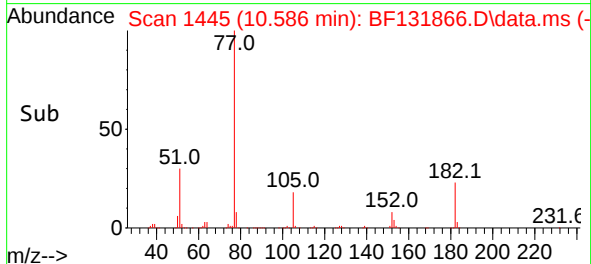
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



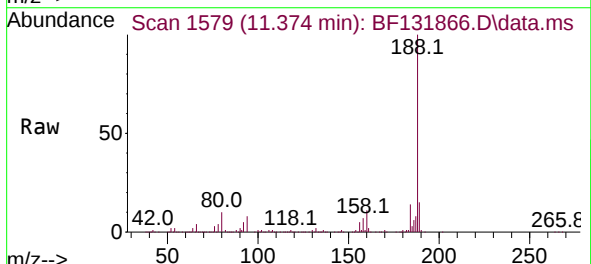
Tgt Ion: 77 Resp: 544927
Ion Ratio Lower Upper
77 100
182 22.4 5.0 45.0
105 19.2 0.0 39.4
51 30.0 8.4 48.4

Manual Integrations
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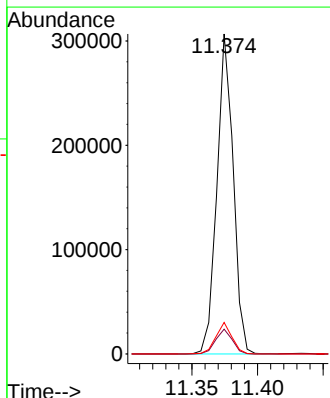
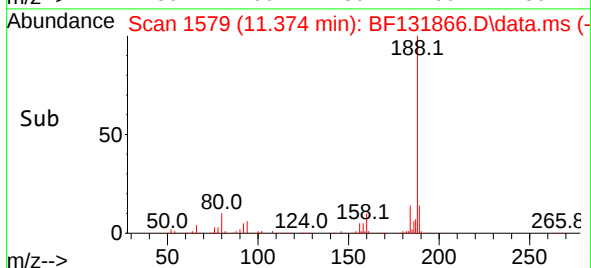
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

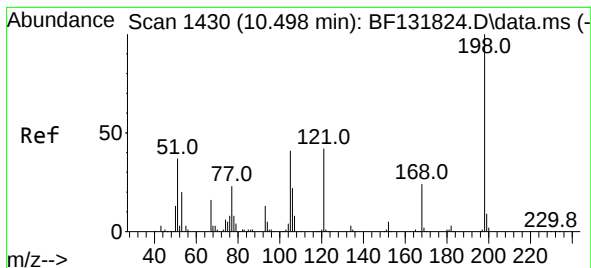


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



Tgt Ion:188 Resp: 266427
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.8 6.7 10.1





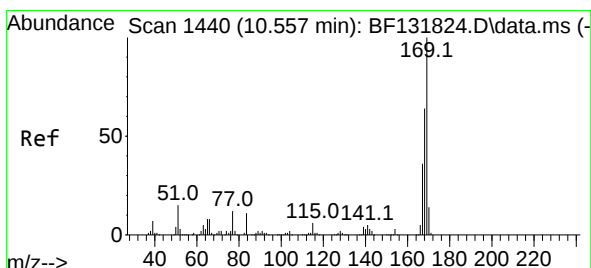
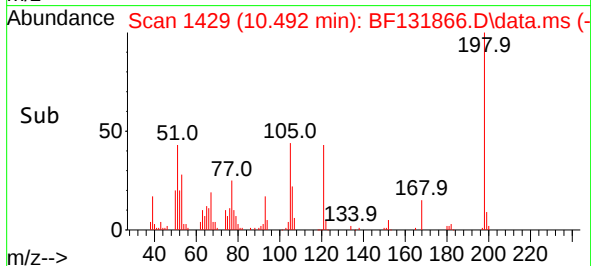
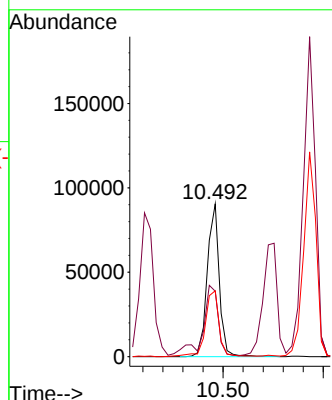
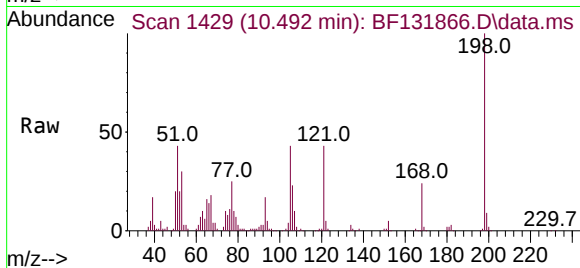
#65
4,6-Dinitro-2-methylphenol
Concen: 41.361 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Tgt Ion:198 Resp: 75028
Ion Ratio Lower Upper
198 100
51 42.8 21.6 61.6
105 43.0 22.0 62.0

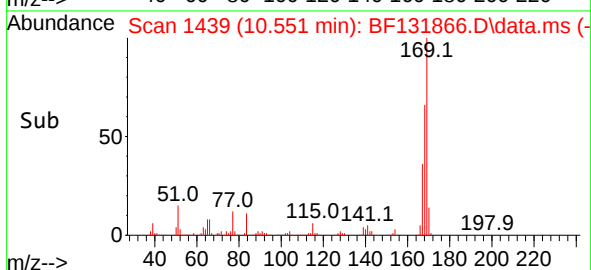
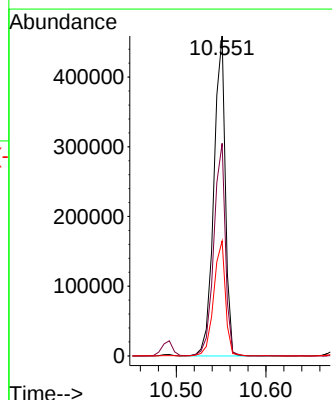
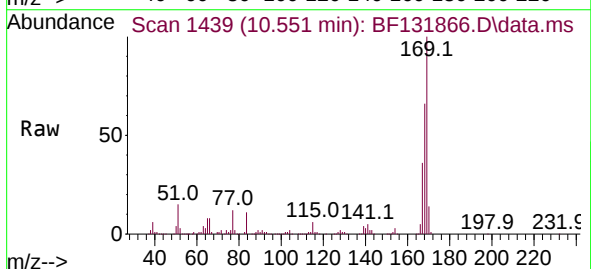
Manual Integrations
APPROVED

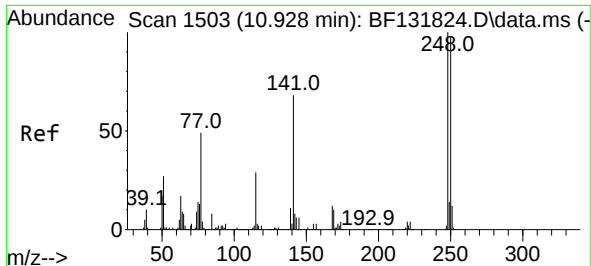
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#66
n-Nitrosodiphenylamine
Concen: 50.267 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

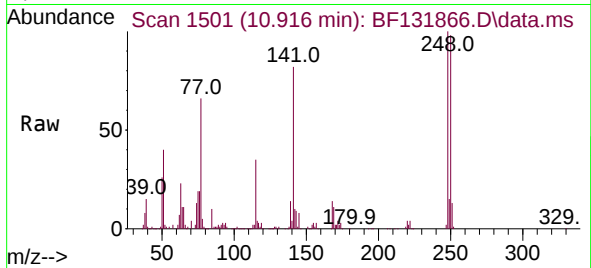
Tgt Ion:169 Resp: 408526
Ion Ratio Lower Upper
169 100
168 66.4 51.5 77.3
167 35.9 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 51.196 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

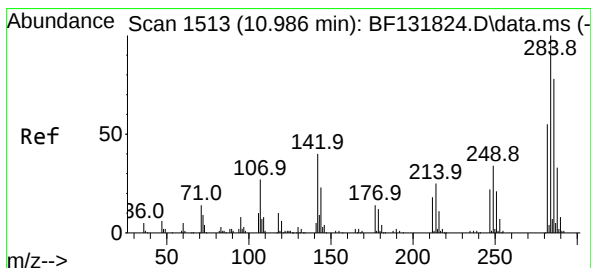
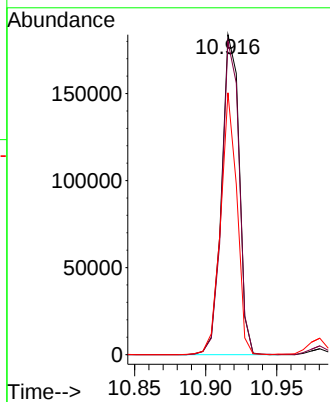
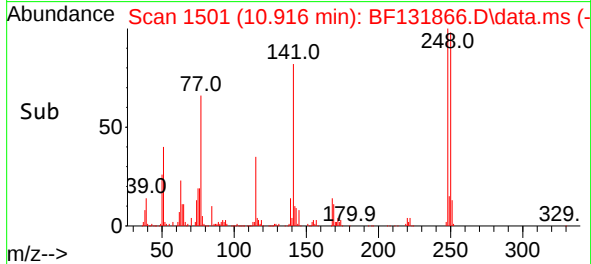
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



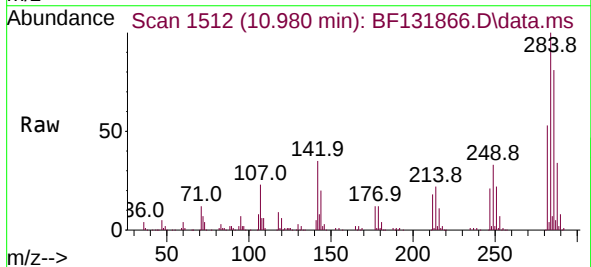
Tgt Ion:248 Resp: 158088
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 81.8 54.8 82.2

Manual Integrations
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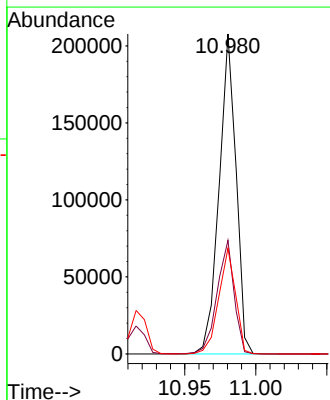
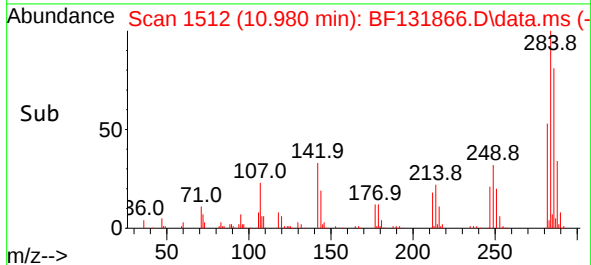
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

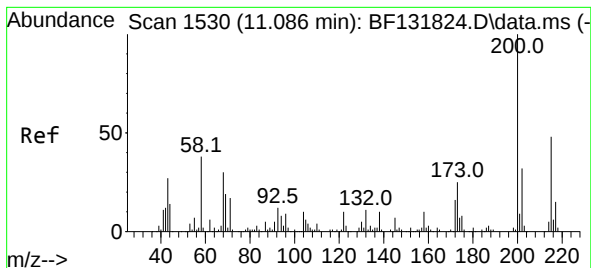


#68
Hexachlorobenzene
Concen: 50.842 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



Tgt Ion:284 Resp: 172463
Ion Ratio Lower Upper
284 100
142 35.5 31.6 47.4
249 33.0 26.9 40.3





#69

Atrazine

Concen: 57.312 ng

RT: 11.080 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

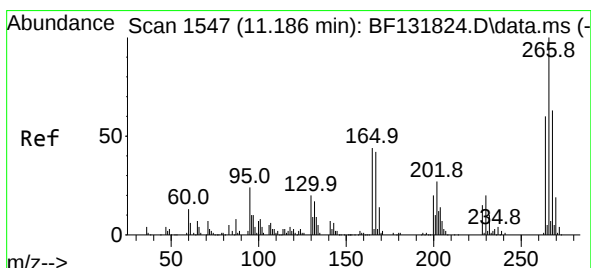
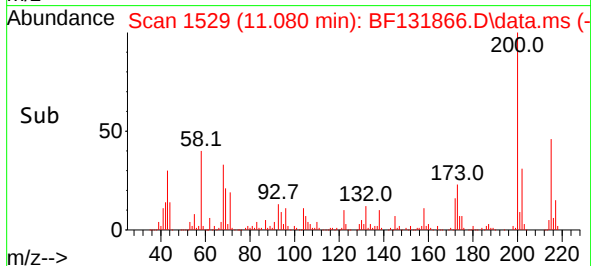
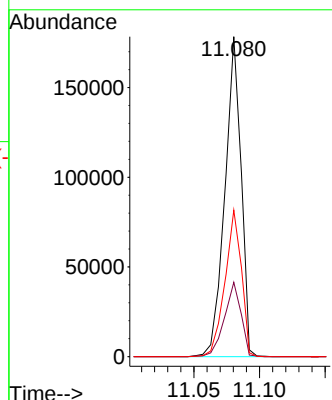
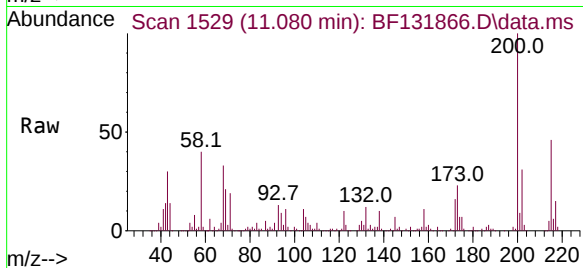
ClientSampleId :

TR-604-COMP-1MSD

Tgt Ion:200 Resp: 153345
 Ion Ratio Lower Upper
 200 100
 173 23.2 4.5 44.5
 215 45.8 28.5 68.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023



#70

Pentachlorophenol

Concen: 109.577 ng

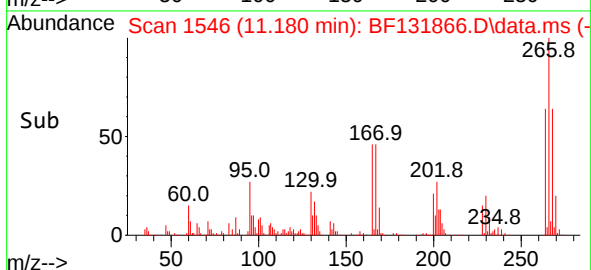
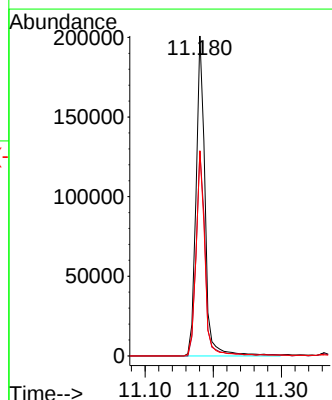
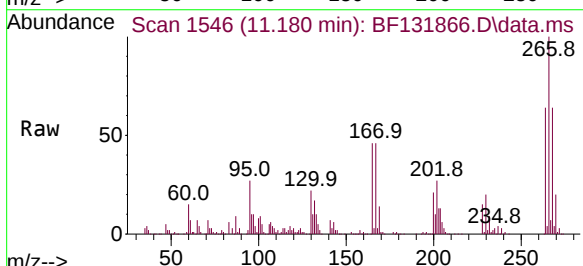
RT: 11.180 min Scan# 1546

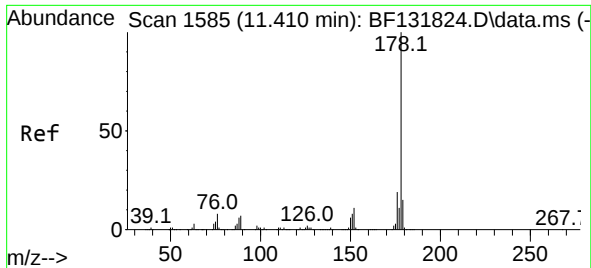
Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

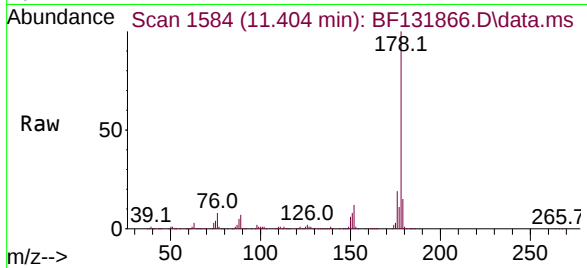
Tgt Ion:266 Resp: 183925
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.5 75.7
 264 64.1 48.3 72.5





#71
Phenanthrene
Concen: 48.208 ng
RT: 11.404 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

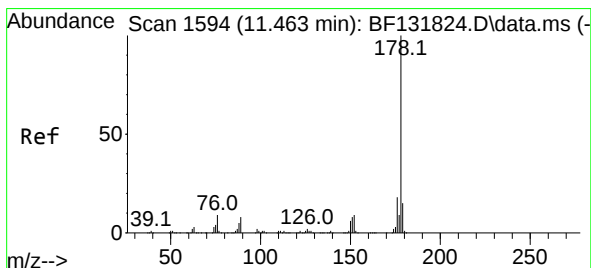
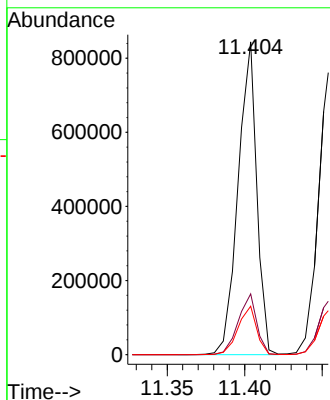
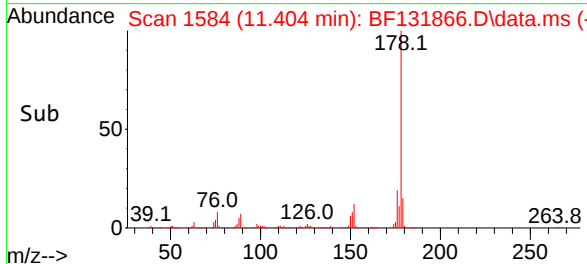
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:178 Resp: 706310
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 12.2 18.4

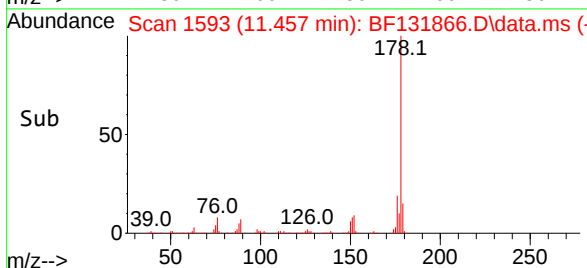
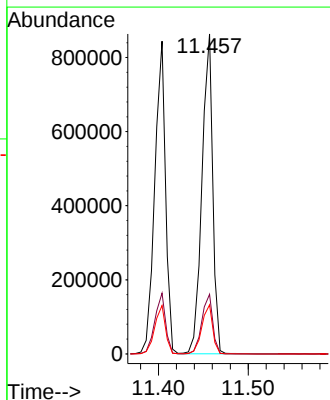
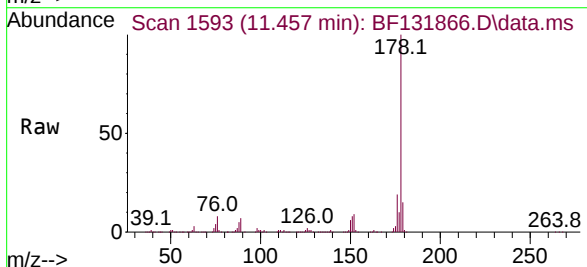
Manual Integrations
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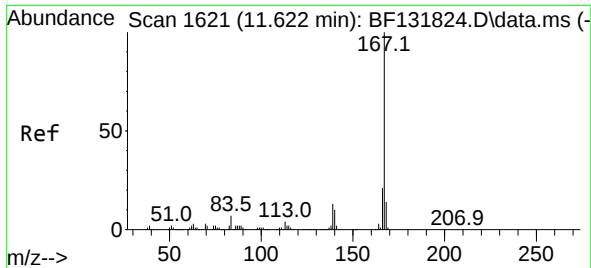
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#72
Anthracene
Concen: 50.195 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

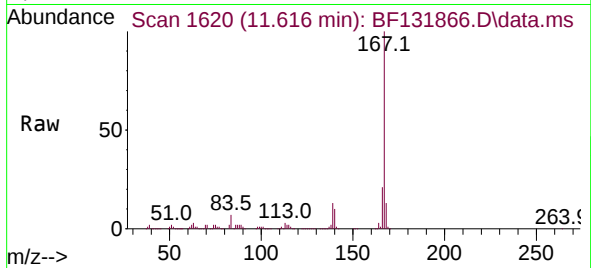
Tgt Ion:178 Resp: 719422
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 48.698 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF131866.D
 Acq: 28 Dec 2022 18:03

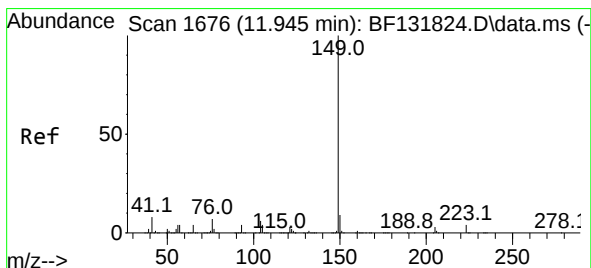
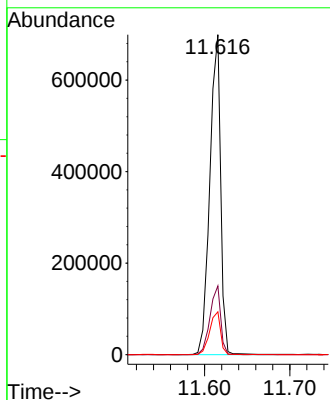
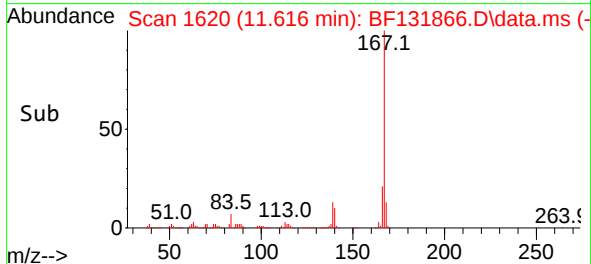
Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1MSD



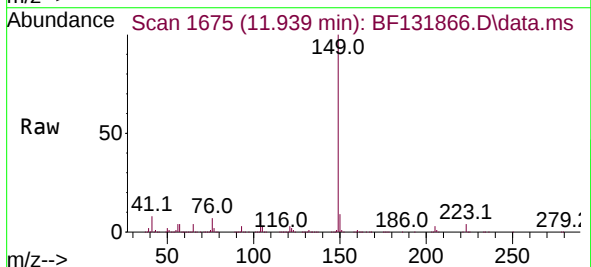
Tgt Ion:167 Resp: 616174
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.6 24.8
 139 13.4 10.6 15.8

Manual Integrations
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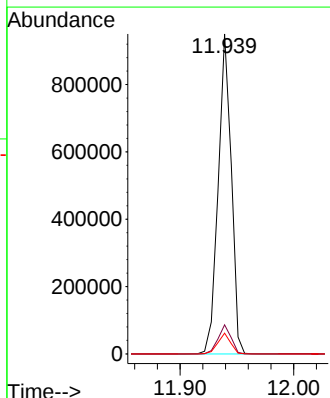
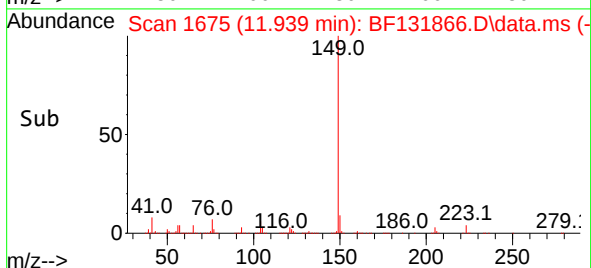
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023

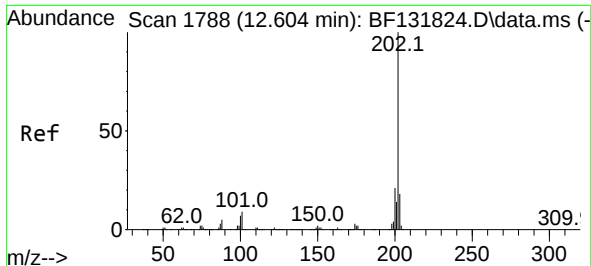


#74
 Di-n-butylphthalate
 Concen: 49.570 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. -0.006 min
 Lab File: BF131866.D
 Acq: 28 Dec 2022 18:03



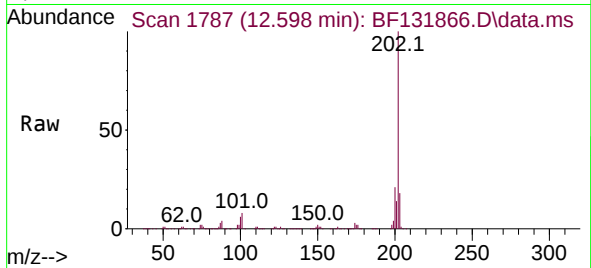
Tgt Ion:149 Resp: 758109
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 6.5 5.1 7.7





#75
Fluoranthene
Concen: 44.020 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

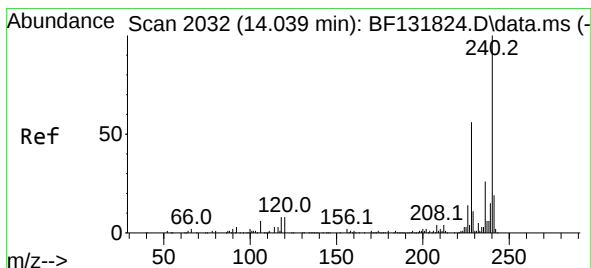
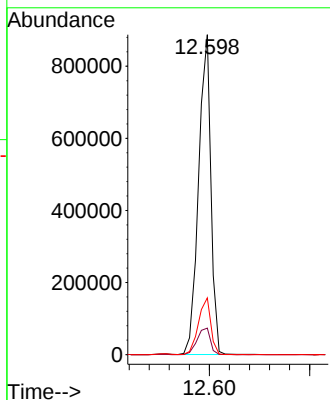
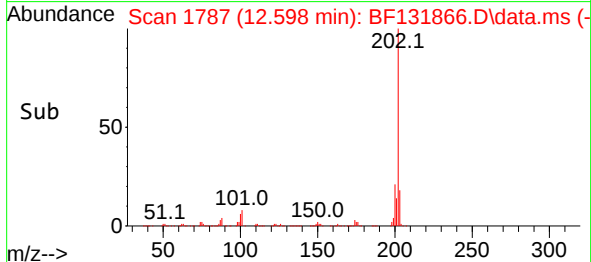
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:202 Resp: 751224
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.6
203 17.7 0.0 37.8

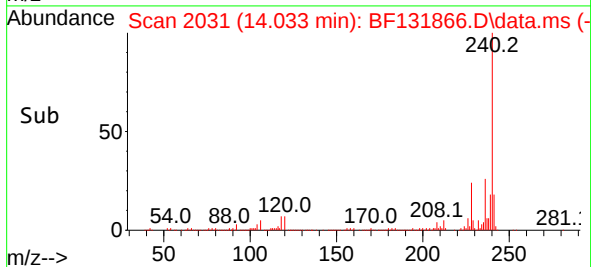
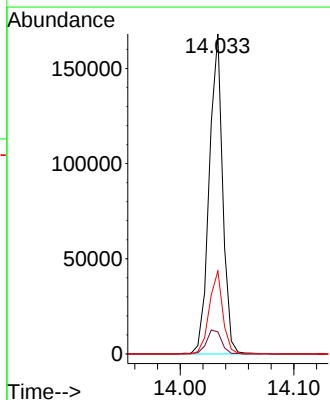
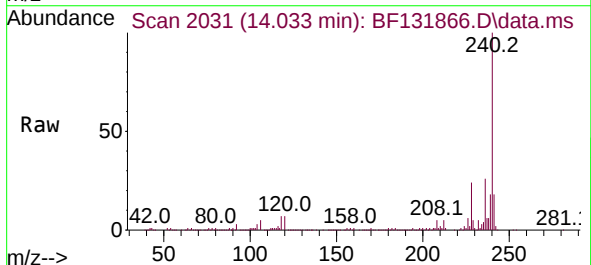
Manual Integrations
APPROVED

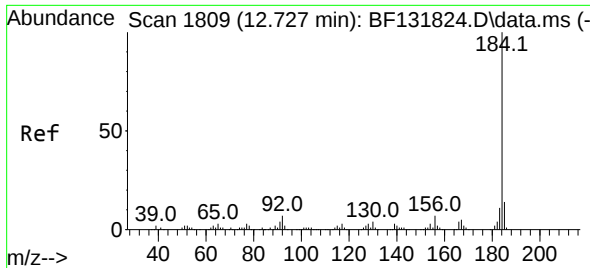
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

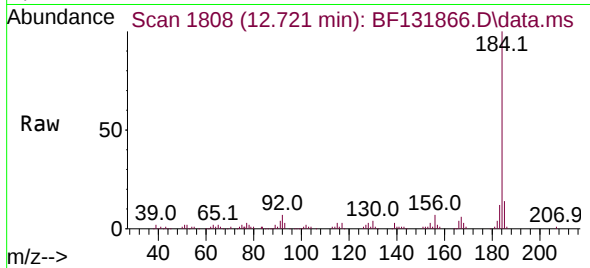
Tgt Ion:240 Resp: 138336
Ion Ratio Lower Upper
240 100
120 6.9 6.7 10.1
236 25.9 20.6 31.0





#77
Benzidine
Concen: 26.963 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

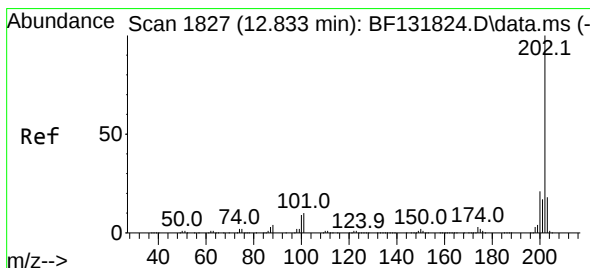
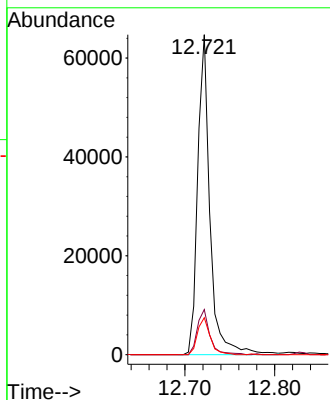
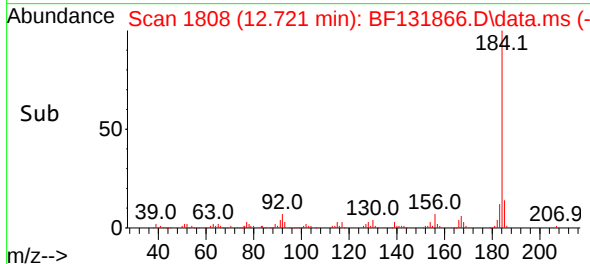
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



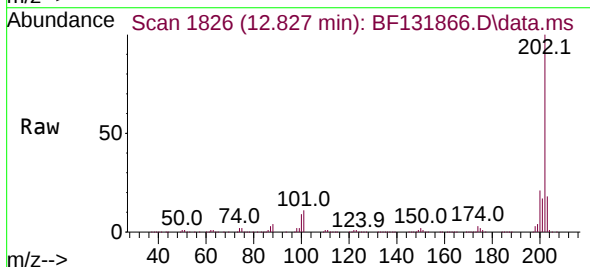
Tgt Ion:184 Resp: 61296
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.5 9.0 13.4

Manual Integrations
APPROVED

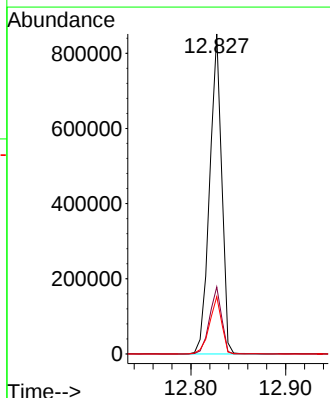
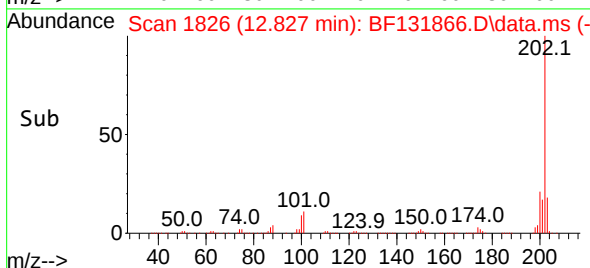
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

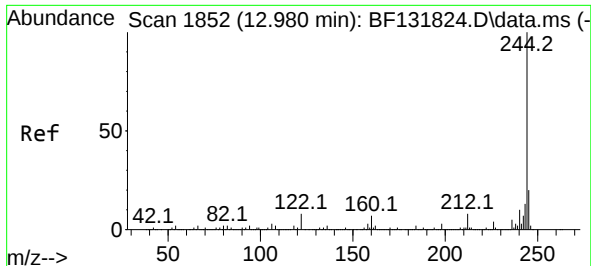


#78
Pyrene
Concen: 64.913 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



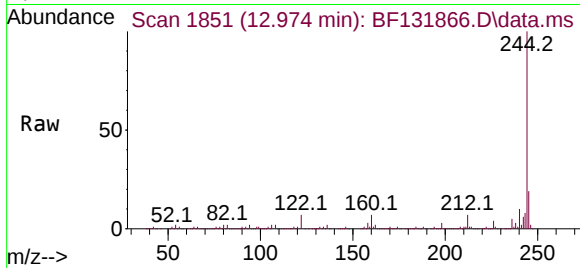
Tgt Ion:202 Resp: 752658
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.9 14.4 21.6





#79
 Terphenyl-d14
 Concen: 141.050 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131866.D
 Acq: 28 Dec 2022 18:03

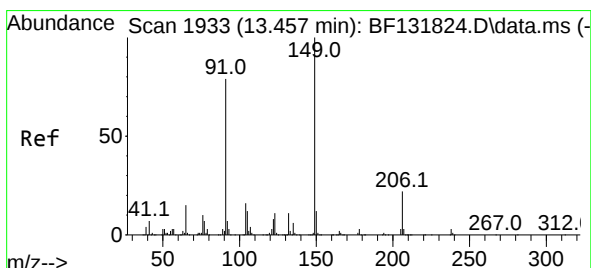
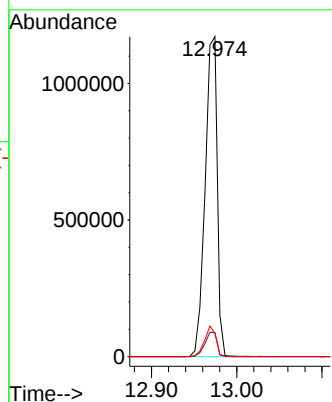
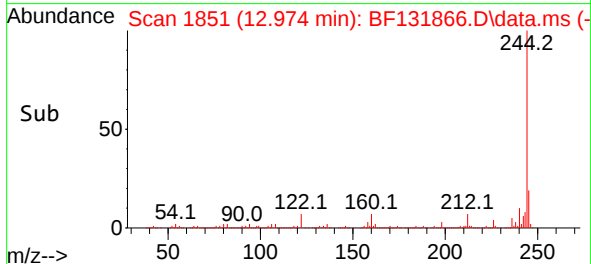
Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1MSD



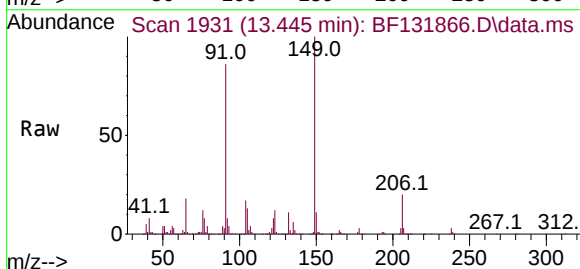
Tgt Ion:244 Resp: 115353
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 7.3 6.4 9.6

Manual Integrations
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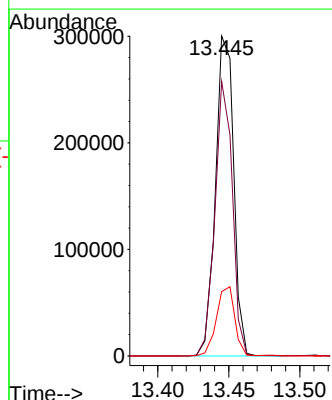
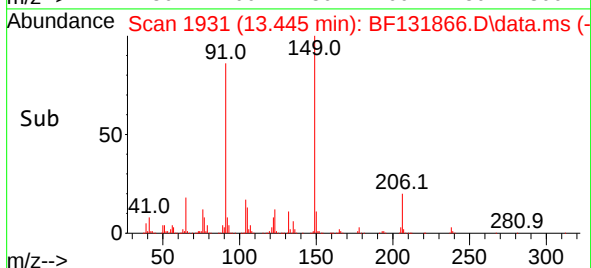
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023

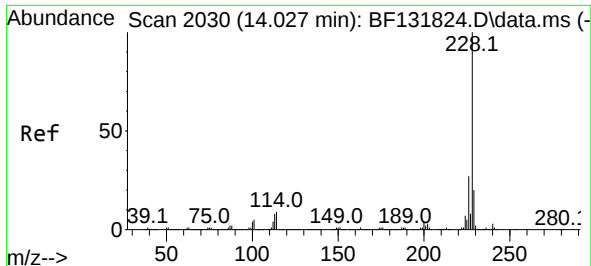


#80
 Butylbenzylphthalate
 Concen: 62.402 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF131866.D
 Acq: 28 Dec 2022 18:03



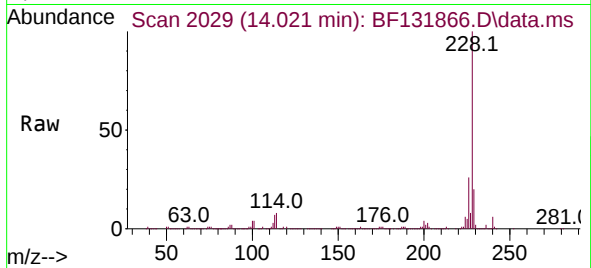
Tgt Ion:149 Resp: 268370
 Ion Ratio Lower Upper
 149 100
 91 85.8 63.2 94.8
 206 20.1 17.9 26.9





#81
Benzo(a)anthracene
Concen: 50.931 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

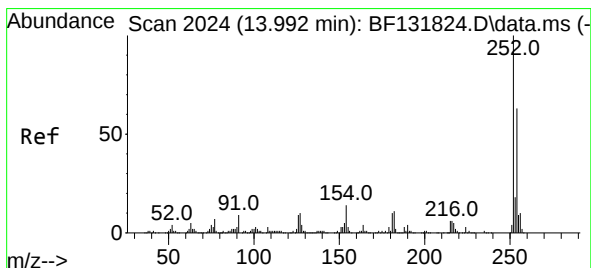
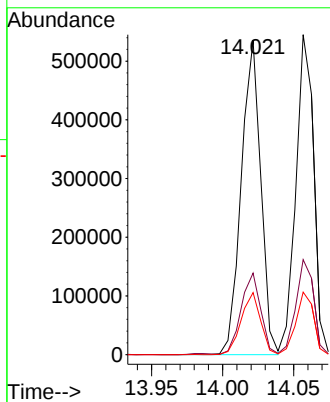
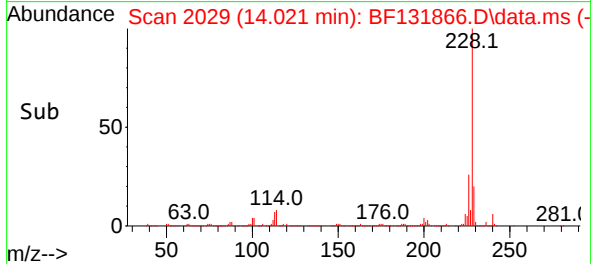
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



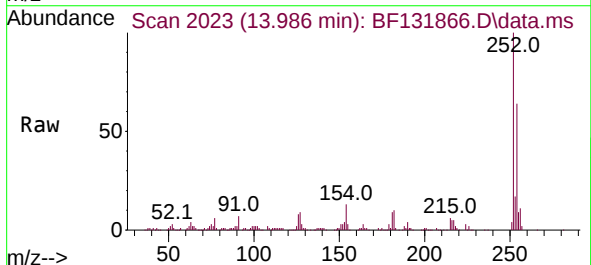
Tgt Ion:228 Resp: 510119
Ion Ratio Lower Upper
228 100
226 25.9 22.0 33.0
229 19.7 16.0 24.0

Manual Integrations
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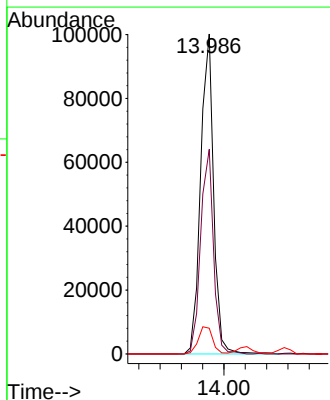
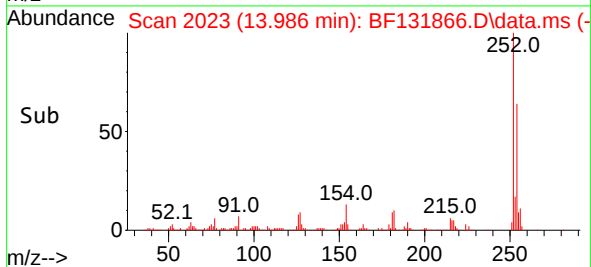
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

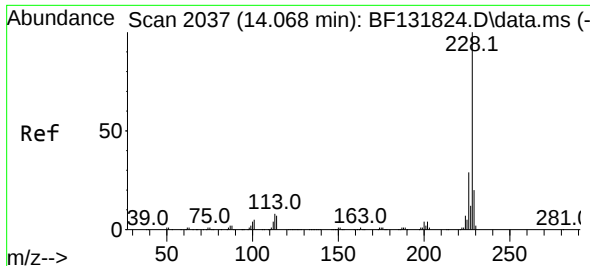


#82
3,3'-Dichlorobenzidine
Concen: 29.055 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



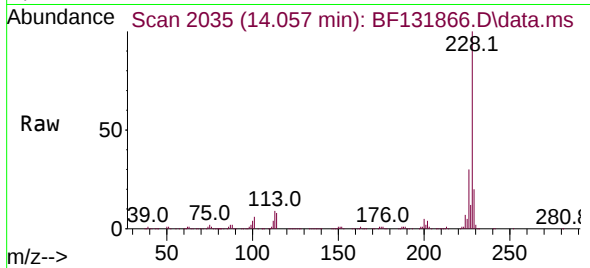
Tgt Ion:252 Resp: 84113
Ion Ratio Lower Upper
252 100
254 63.9 50.4 75.6
126 8.0 7.5 11.3





#83
Chrysene
Concen: 50.699 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

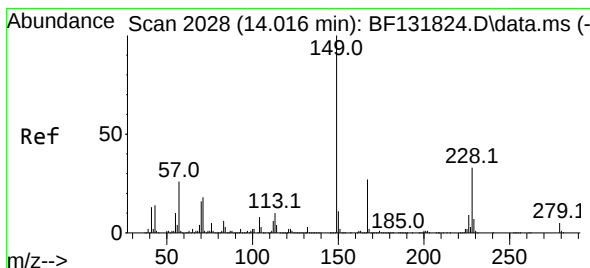
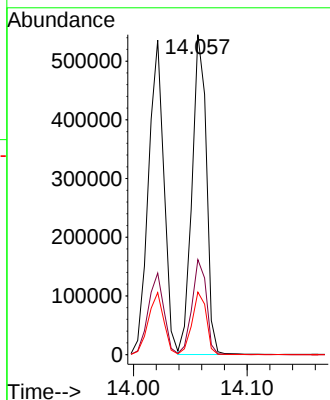
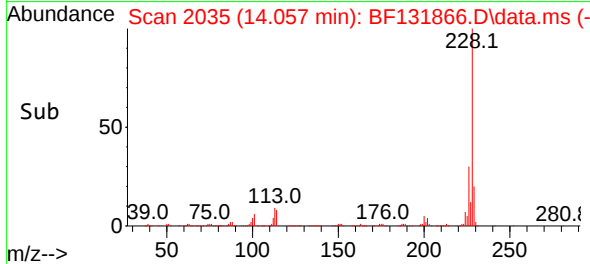
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:228 Resp: 47717
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 19.5 16.2 24.2

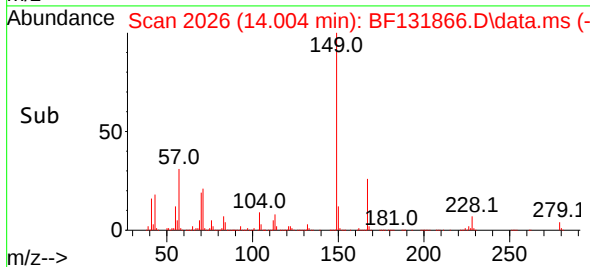
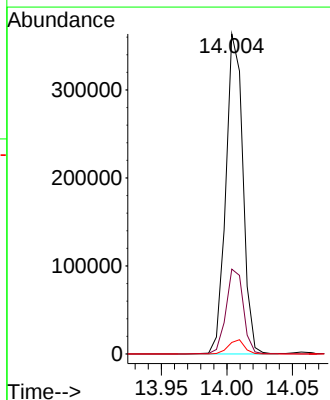
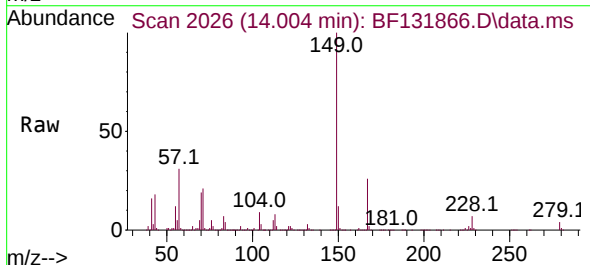
Manual Integrations
APPROVED

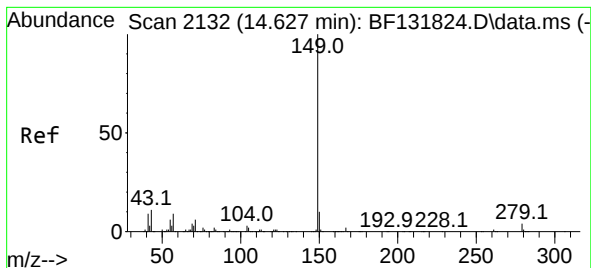
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.903 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion:149 Resp: 329387
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.6
279 3.6 3.9 5.9#





#85

Di-n-octyl phthalate

Concen: 65.365 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1MSD

Tgt Ion:149 Resp: 460768

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

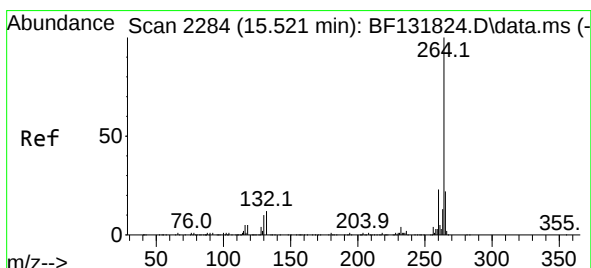
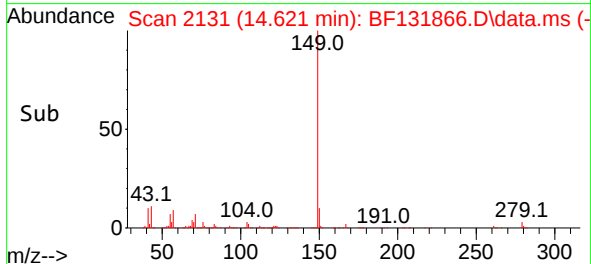
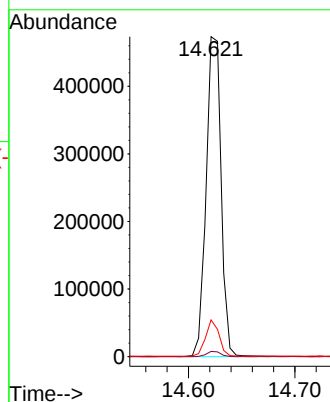
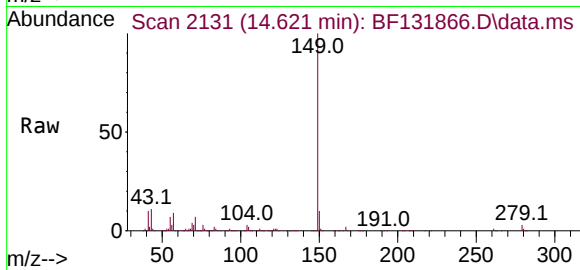
43 10.2 8.1 12.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF131866.D

Acq: 28 Dec 2022 18:03

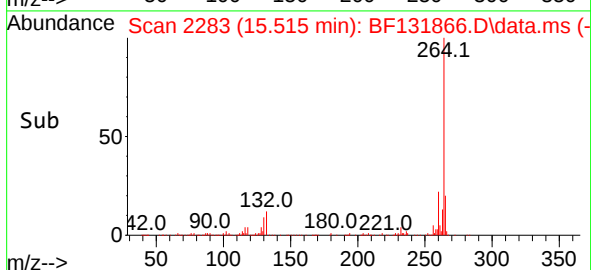
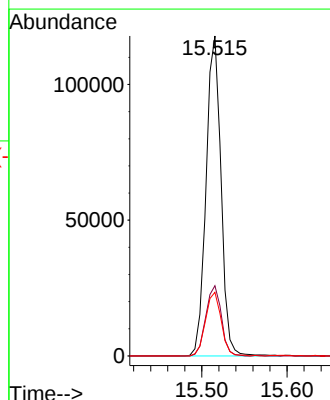
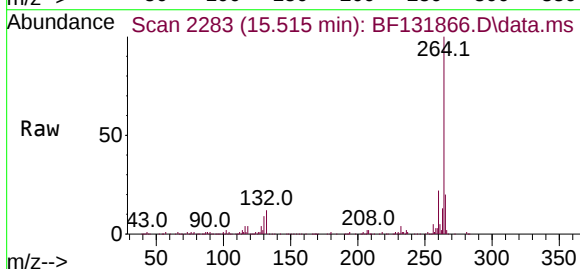
Tgt Ion:264 Resp: 143231

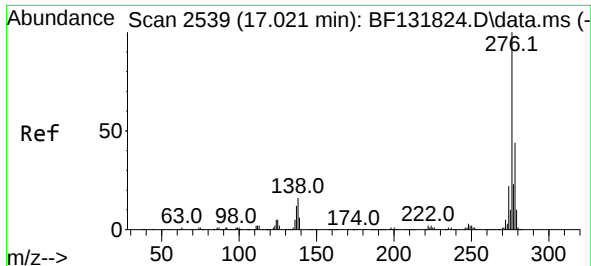
Ion Ratio Lower Upper

264 100

260 21.9 18.6 28.0

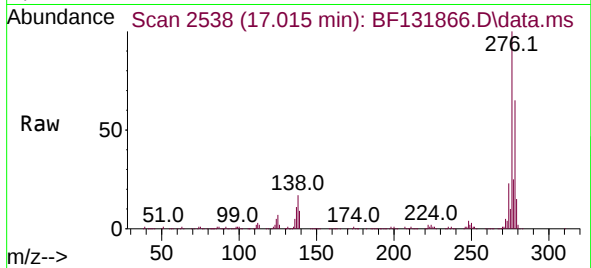
265 19.9 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.896 ng
RT: 17.015 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

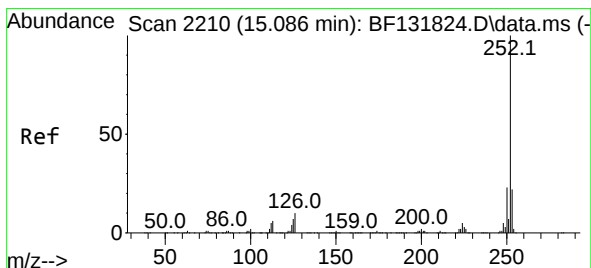
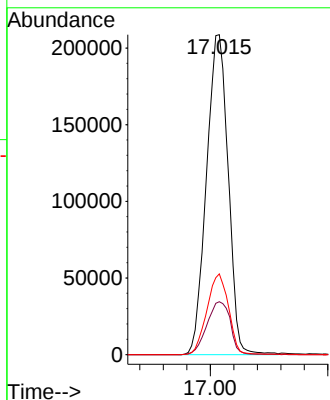
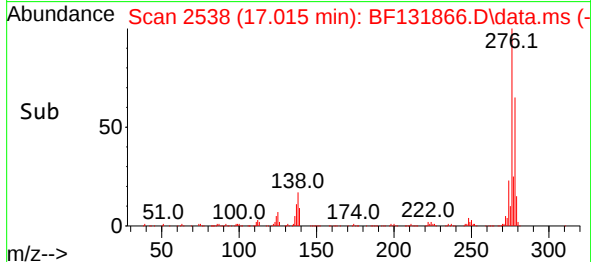
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



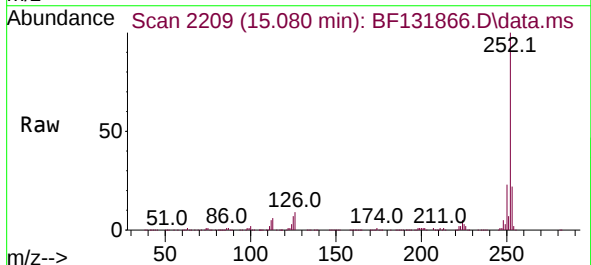
Tgt Ion:276 Resp: 535929
Ion Ratio Lower Upper
276 100
138 17.9 14.5 21.7
277 25.2 19.7 29.5

Manual Integrations
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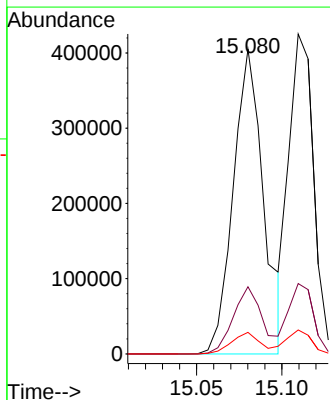
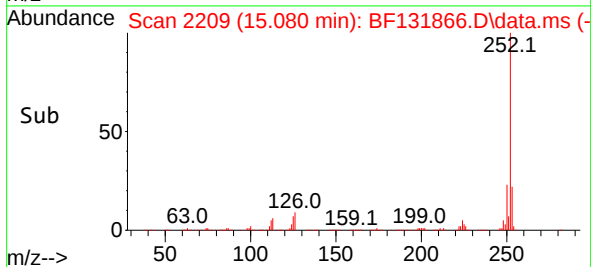
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

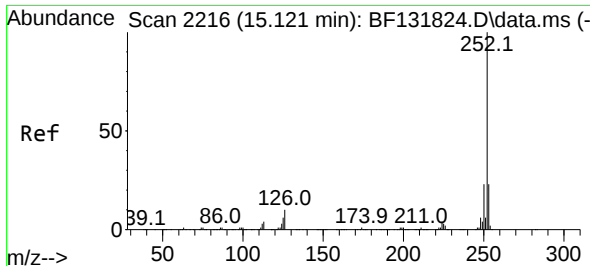


#88
Benzo(b)fluoranthene
Concen: 47.613 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03



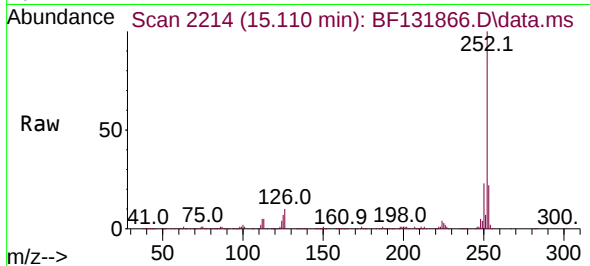
Tgt Ion:252 Resp: 500043
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.1 5.8 8.8





#89
Benzo(k)fluoranthene
Concen: 42.719 ng
RT: 15.110 min Scan# 2214
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

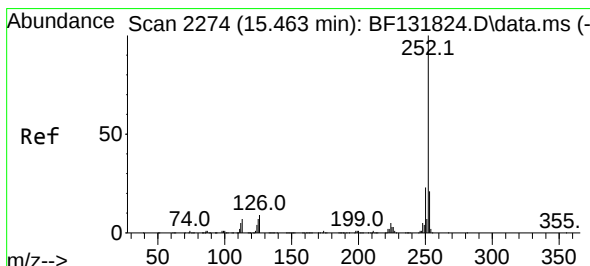
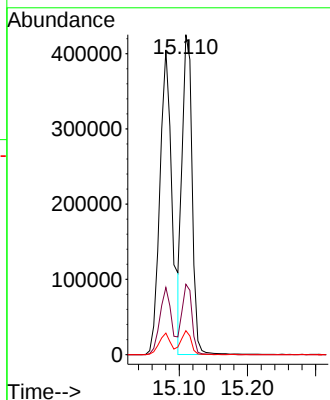
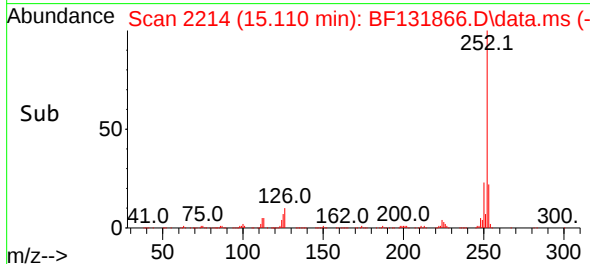
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion:252 Resp: 433485
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.5 5.4 8.0

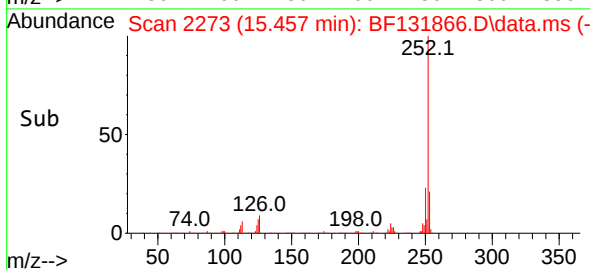
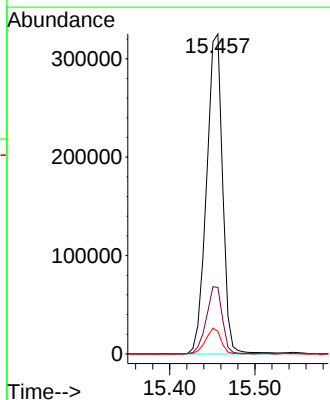
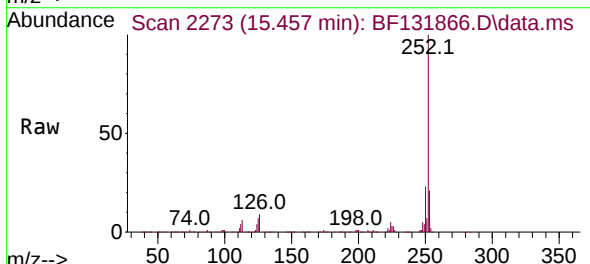
Manual Integrations
APPROVED

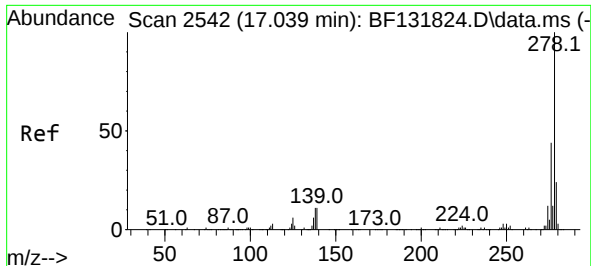
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#90
Benzo(a)pyrene
Concen: 52.204 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

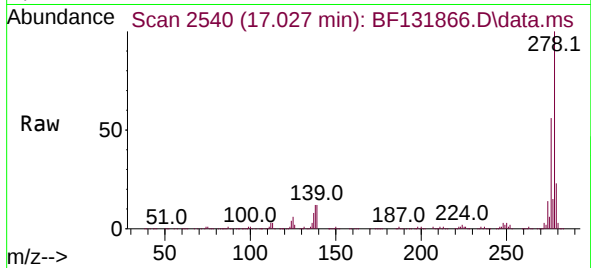
Tgt Ion:252 Resp: 424469
Ion Ratio Lower Upper
252 100
253 20.8 16.6 24.8
125 7.1 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 59.868 ng
RT: 17.027 min Scan# 2540
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

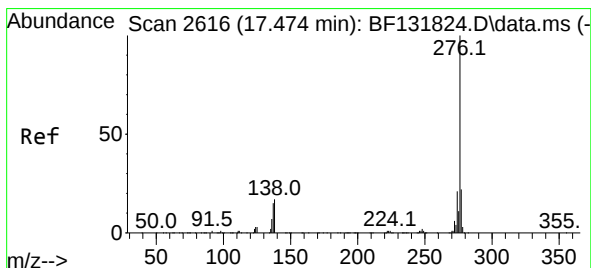
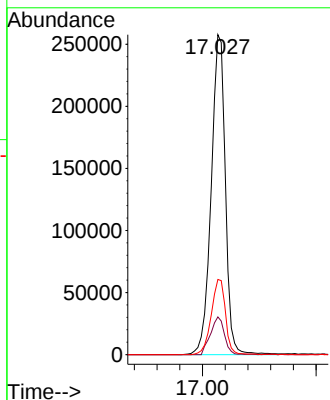
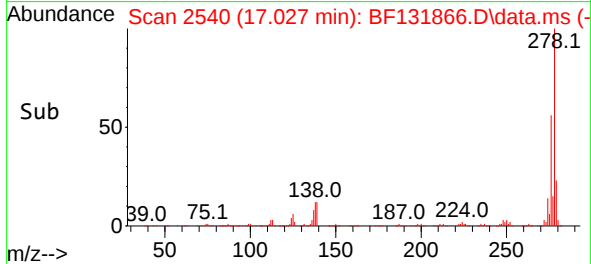
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD



Tgt Ion: 278 Resp: 446235
Ion Ratio Lower Upper
278 100
139 11.8 8.6 12.8
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 12/29/2022
Supervised By : Jagrut Upadhyay 01/03/2023



#92
Benzo(g,h,i)perylene
Concen: 48.157 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.012 min
Lab File: BF131866.D
Acq: 28 Dec 2022 18:03

Tgt Ion: 276 Resp: 424728
Ion Ratio Lower Upper
276 100
277 24.1 17.9 26.9
138 15.5 13.7 20.5

