

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131699.D
 Acq On : 19 Dec 2022 20:41
 Operator : CG\JU
 Sample : N6065-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-23MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/20/2022
 Supervised By : Jagrut Upadhyay 12/20/2022

Quant Time: Dec 20 01:06:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71699	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	251510	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	133024	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	211527	20.000	ng	0.00
76) Chrysene-d12	14.074	240	140450	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	170190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	501788	116.756	ng	0.01
7) Phenol-d6	6.510	99	654132	116.147	ng	0.00
23) Nitrobenzene-d5	7.445	82	445736	67.003	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	151189	102.297	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	734960	69.664	ng	0.00
79) Terphenyl-d14	13.010	244	576138	56.256	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	85648	44.151	ng	98
3) Pyridine	3.422	79	233878	43.424	ng	96
4) n-Nitrosodimethylamine	3.393	42	117316	39.496	ng	84
6) Aniline	6.540	93	221193	32.840	ng	97
8) 2-Chlorophenol	6.657	128	211444	46.425	ng	99
9) Benzaldehyde	6.428	77	178736	46.327	ng	95
10) Phenol	6.522	94	299823m	47.727	ng	
11) bis(2-Chloroethyl)ether	6.610	93	231327	49.124	ng	98
12) 1,3-Dichlorobenzene	6.816	146	237168	44.914	ng	95
13) 1,4-Dichlorobenzene	6.892	146	240335	45.123	ng	99
14) 1,2-Dichlorobenzene	7.045	146	230701	45.342	ng	97
15) Benzyl Alcohol	7.022	79	229918	44.530	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	284739	46.810	ng	100
17) 2-Methylphenol	7.134	107	188343	45.885	ng	96
18) Hexachloroethane	7.387	117	97021	45.156	ng	90
19) n-Nitroso-di-n-propyla...	7.292	70	183158	43.371	ng	96
20) 3+4-Methylphenols	7.287	107	239511	42.840	ng	# 80
22) Acetophenone	7.287	105	349488	44.342	ng	95
24) Nitrobenzene	7.463	77	282743	42.140	ng	95
25) Isophorone	7.704	82	497780	46.454	ng	99
26) 2-Nitrophenol	7.781	139	114351	49.976	ng	90
27) 2,4-Dimethylphenol	7.816	122	187086	53.345	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	279754	50.467	ng	99
29) 2,4-Dichlorophenol	8.022	162	188653	43.505	ng	96
30) 1,2,4-Trichlorobenzene	8.104	180	226109	42.518	ng	99
31) Naphthalene	8.187	128	611059	43.136	ng	100
32) Benzoic acid	7.934	122	97113	38.235	ng	97
33) 4-Chloroaniline	8.234	127	60118	11.322	ng	98
34) Hexachlorobutadiene	8.298	225	151810	40.505	ng	99
35) Caprolactam	8.616	113	50030m	44.600	ng	
36) 4-Chloro-3-methylphenol	8.728	107	208577	42.834	ng	98
37) 2-Methylnaphthalene	8.881	142	405203	41.826	ng	100
38) 1-Methylnaphthalene	8.981	142	376393	40.473	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	234792	47.681	ng	99
41) Hexachlorocyclopentadiene	9.034	237	211514	84.625	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	139767	45.888	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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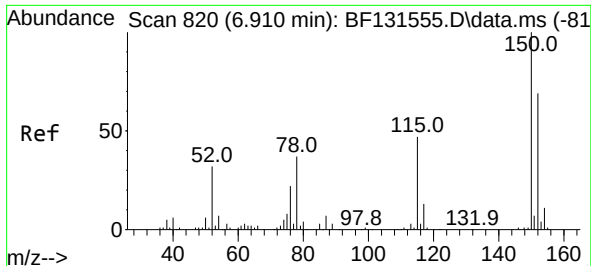
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	142667	43.555	ng	97
46) 1,1'-Biphenyl	9.351	154	503388	47.862	ng	98
47) 2-Chloronaphthalene	9.375	162	398343	46.486	ng	99
48) 2-Nitroaniline	9.475	65	133837	44.090	ng	88
49) Acenaphthylene	9.792	152	572027	45.464	ng	99
50) Dimethylphthalate	9.651	163	461282	45.488	ng	99
51) 2,6-Dinitrotoluene	9.716	165	97910	46.769	ng	# 81
52) Acenaphthene	9.963	154	385979m	45.793	ng	
53) 3-Nitroaniline	9.881	138	45993	22.898	ng	94
54) 2,4-Dinitrophenol	9.992	184	64615	55.252	ng	91
55) Dibenzofuran	10.133	168	522714	43.890	ng	99
56) 4-Nitrophenol	10.051	139	113331	81.219	ng	# 74
57) 2,4-Dinitrotoluene	10.122	165	129345	46.576	ng	# 84
58) Fluorene	10.480	166	402270	41.549	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	106648m	38.449	ng	
60) Diethylphthalate	10.351	149	422425	43.409	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	226970	42.421	ng	99
62) 4-Nitroaniline	10.504	138	76240	38.303	ng	# 84
63) Azobenzene	10.633	77	458529	41.312	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	50128	37.416	ng	84
66) n-Nitrosodiphenylamine	10.592	169	337202	49.309	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	126486	46.483	ng	99
68) Hexachlorobenzene	11.022	284	131723	44.753	ng	# 86
69) Atrazine	11.122	200	117843	54.265	ng	96
70) Pentachlorophenol	11.222	266	121362	80.093	ng	97
71) Phenanthrene	11.445	178	509580	43.220	ng	99
72) Anthracene	11.498	178	522050	45.511	ng	100
73) Carbazole	11.657	167	415060	44.330	ng	99
74) Di-n-butylphthalate	11.980	149	536457	46.702	ng	100
75) Fluoranthene	12.639	202	489637	40.330	ng	99
77) Benzidine	12.763	184	232250	61.716	ng	98
78) Pyrene	12.869	202	494018	35.671	ng	100
80) Butylbenzylphthalate	13.486	149	183951	45.898	ng	98
81) Benzo(a)anthracene	14.063	228	464908	45.837	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	83473	28.926	ng	97
83) Chrysene	14.098	228	447505	46.409	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	252497	46.356	ng	99
85) Di-n-octyl phthalate	14.668	149	459042	50.949	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	543125	39.104	ng	98
88) Benzo(b)fluoranthene	15.133	252	498914	44.479	ng	99
89) Benzo(k)fluoranthene	15.163	252	500715	42.768	ng	99
90) Benzo(a)pyrene	15.510	252	451798	47.197	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	458731	40.130	ng	99
92) Benzo(g,h,i)perylene	17.556	276	426356	37.111	ng	97

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

Manual Integrations

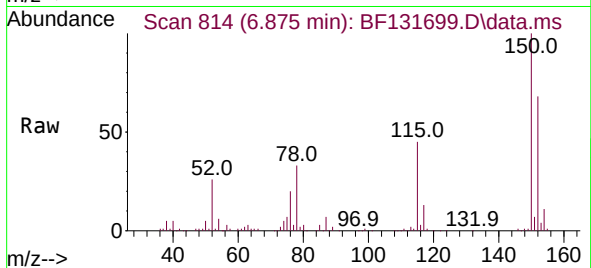
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

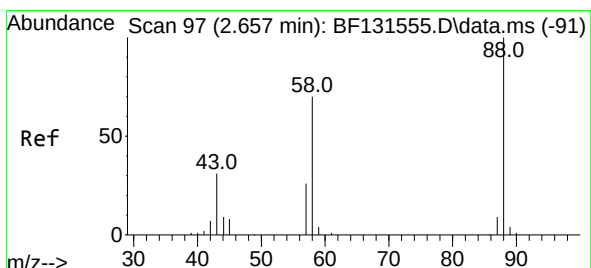
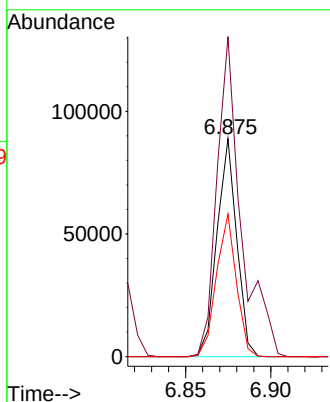
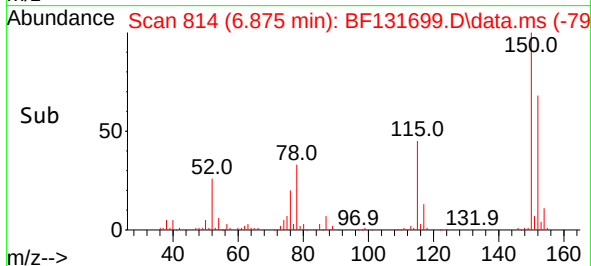
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion:152 Resp: 71699
Ion Ratio Lower Upper
152 100
150 146.8 116.7 175.1
115 65.4 54.6 82.0

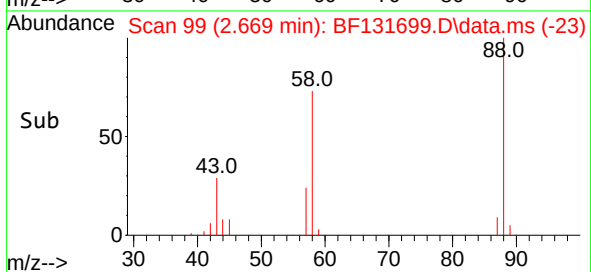
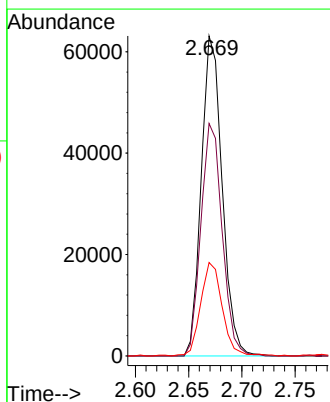
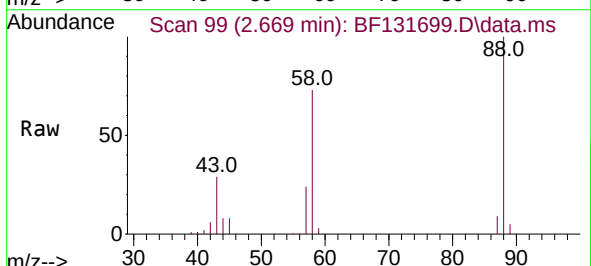
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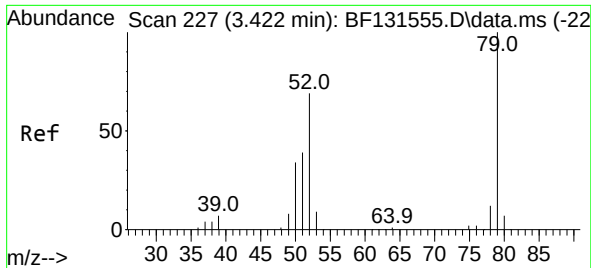
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#2
1,4-Dioxane
Concen: 44.151 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.094 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

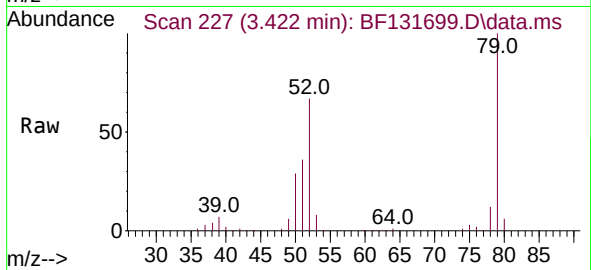
Tgt Ion: 88 Resp: 85648
Ion Ratio Lower Upper
88 100
58 74.0 60.0 90.0
43 30.4 26.7 40.1





#3
Pyridine
Concen: 43.424 ng
RT: 3.422 min Scan# 227
Delta R.T. 0.088 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

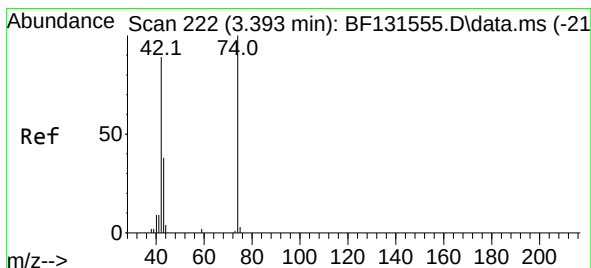
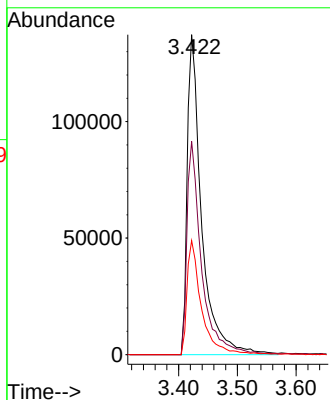
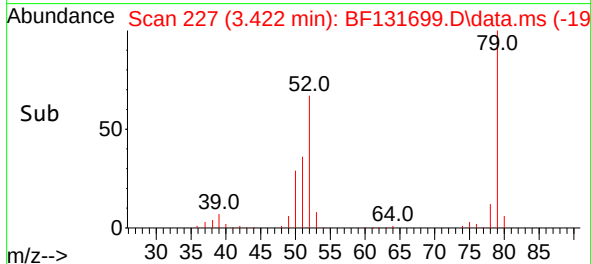
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion: 79 Resp: 233878
Ion Ratio Lower Upper
79 100
52 66.6 55.0 82.6
51 35.6 31.4 47.2

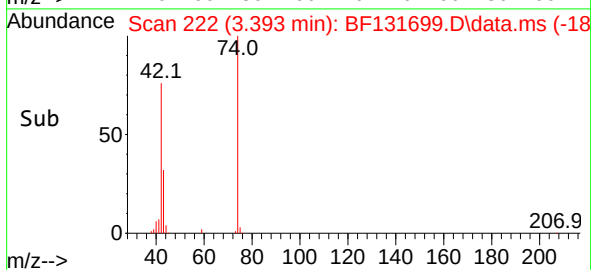
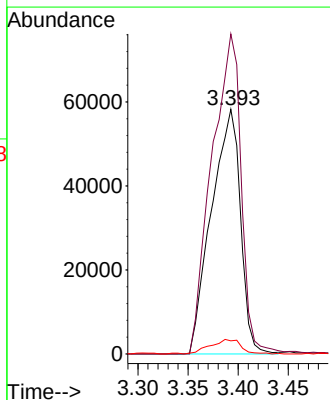
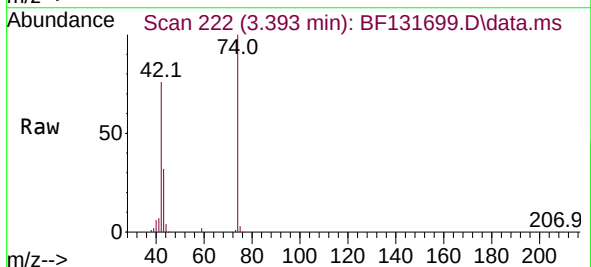
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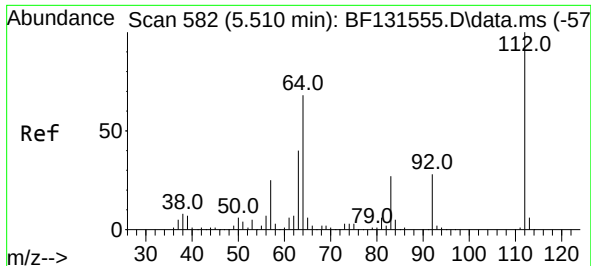
Reviewed By :Christian Giraldo 12/20/2022
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#4
n-Nitrosodimethylamine
Concen: 39.496 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.094 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Tgt Ion: 42 Resp: 117316
Ion Ratio Lower Upper
42 100
74 130.8 90.2 135.2
44 5.3 3.7 5.5





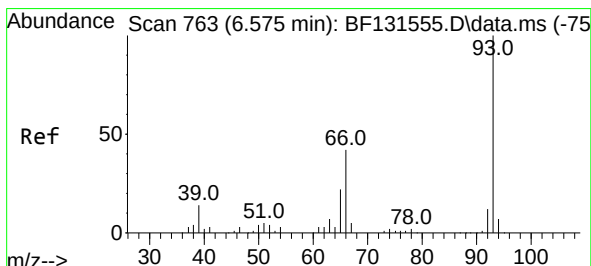
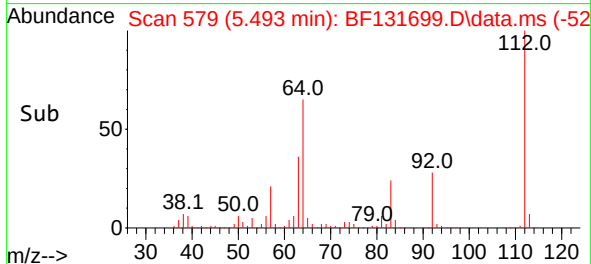
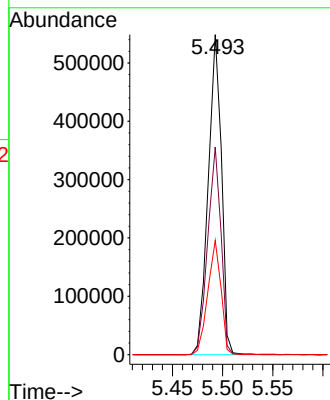
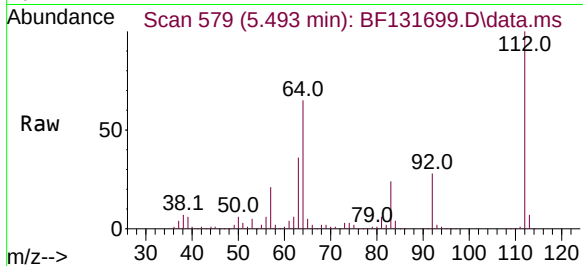
#5
2-Fluorophenol
Concen: 116.756 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion:112 Resp: 501788
Ion Ratio Lower Upper
112 100
64 64.9 54.5 81.7
63 35.7 31.9 47.9

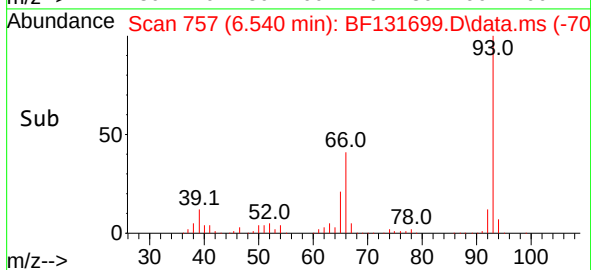
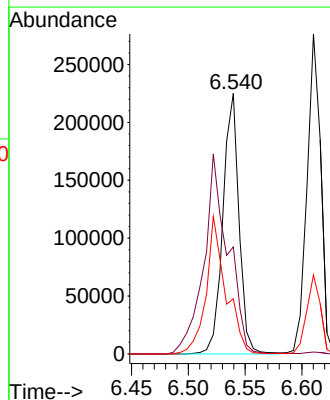
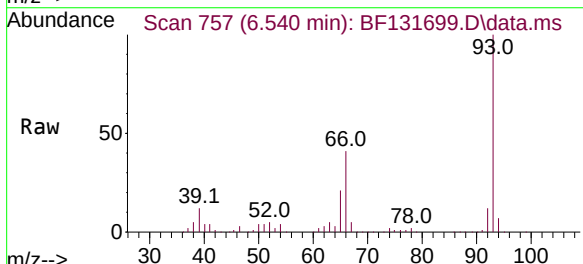
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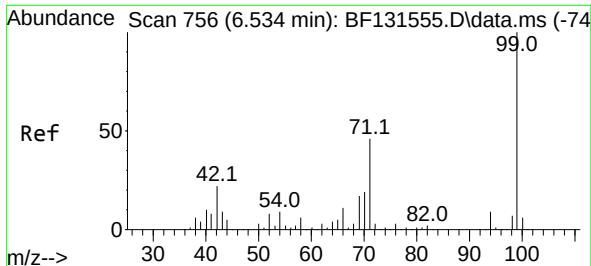
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#6
Aniline
Concen: 32.840 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

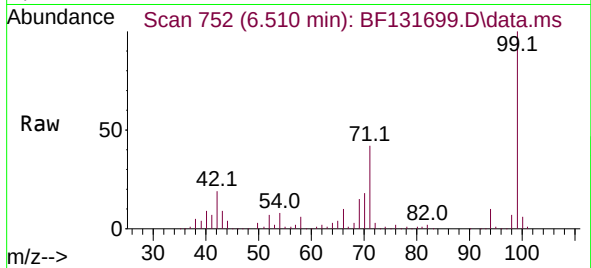
Tgt Ion: 93 Resp: 221193
Ion Ratio Lower Upper
93 100
66 41.1 34.6 51.8
65 21.2 17.7 26.5





#7
Phenol-d6
Concen: 116.147 ng
RT: 6.510 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

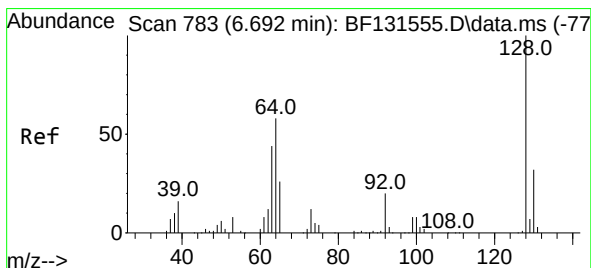
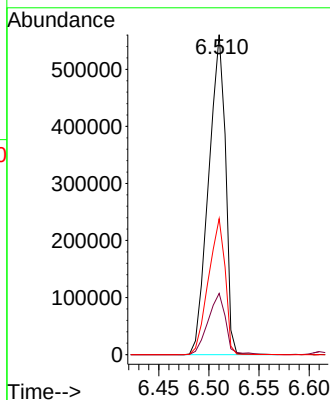
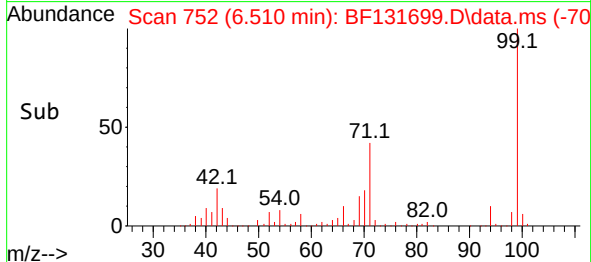
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ClientSampleId :
MH-23MSD



Tgt Ion: 99 Resp: 654132
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 42.5 37.2 55.8

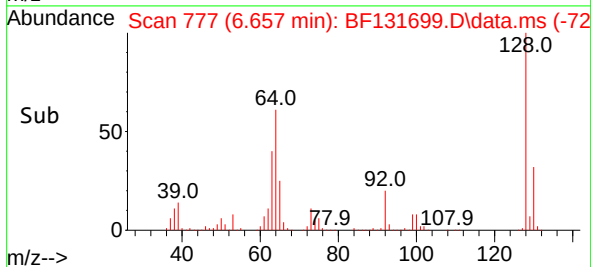
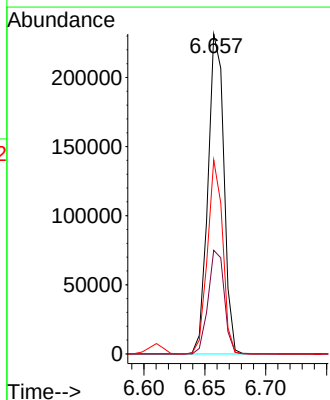
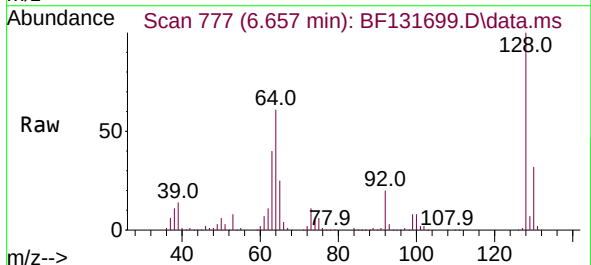
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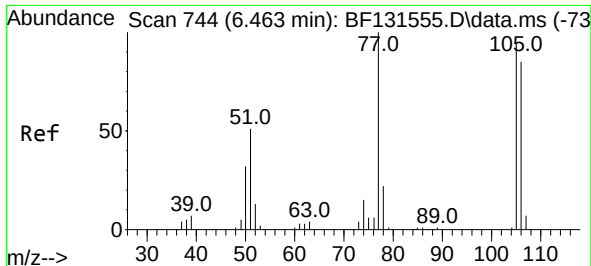
Reviewed By :Christian Giraldo 12/20/2022
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#8
2-Chlorophenol
Concen: 46.425 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

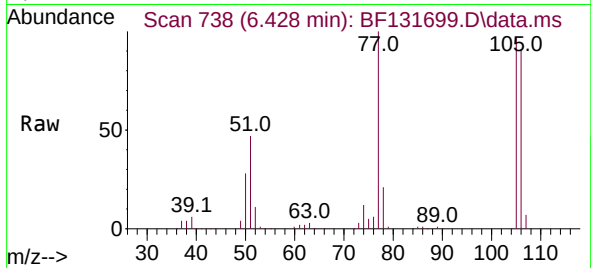
Tgt Ion:128 Resp: 211444
Ion Ratio Lower Upper
128 100
130 32.4 11.6 51.6
64 60.6 40.6 80.6





#9
Benzaldehyde
Concen: 46.327 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

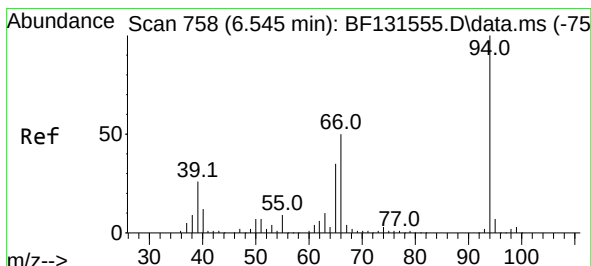
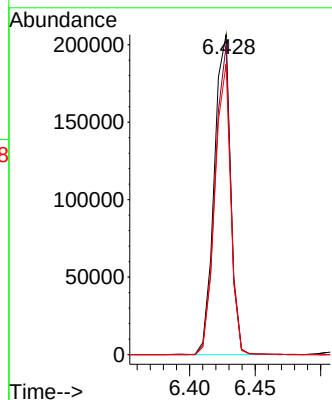
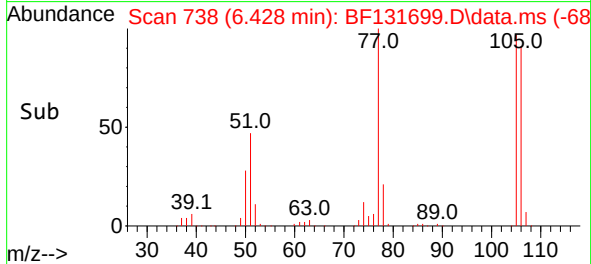
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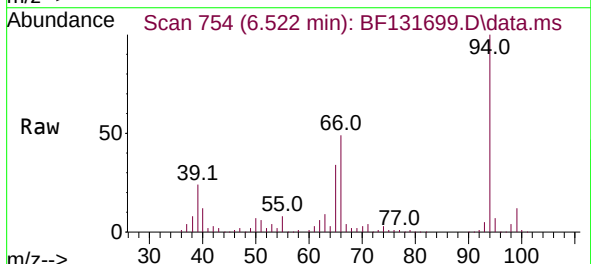
Tgt Ion: 77 Resp: 178736
Ion Ratio Lower Upper
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105 96.7 73.8 113.8
106 90.9 65.2 105.2

Manual Integrations
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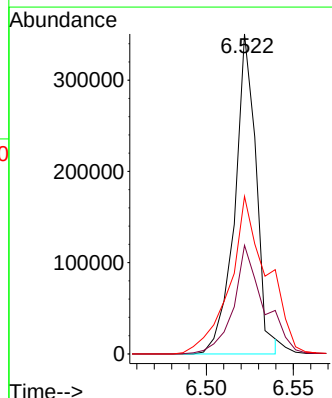
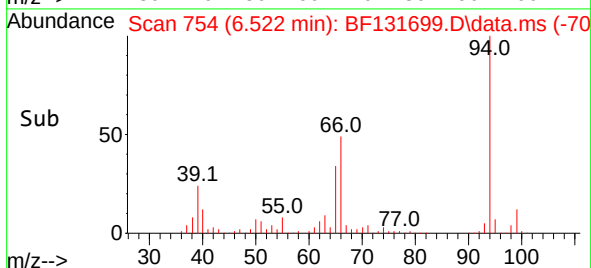
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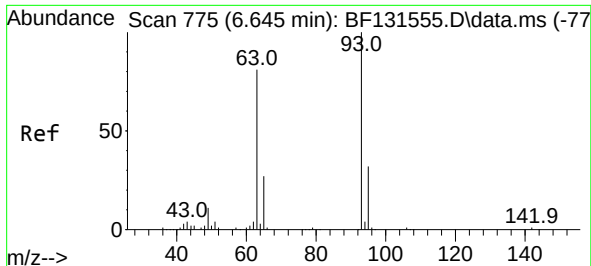


#10
Phenol
Concen: 47.727 ng m
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion: 94 Resp: 299823
Ion Ratio Lower Upper
94 100
65 33.9 14.8 54.8
66 49.3 30.8 70.8





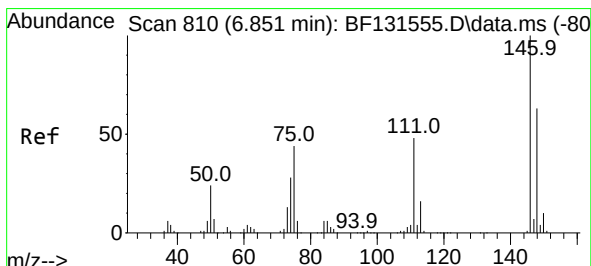
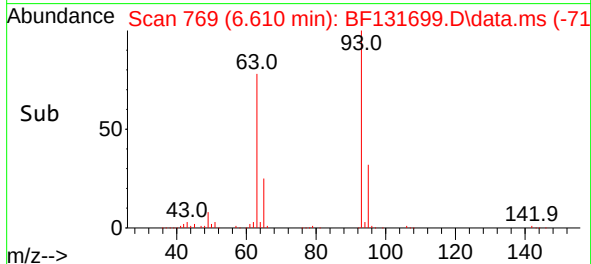
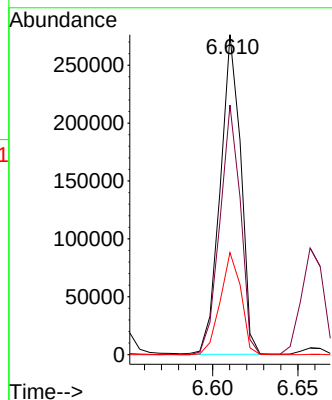
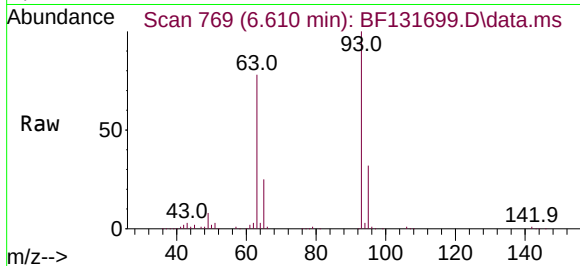
#11
bis(2-Chloroethyl)ether
Concen: 49.124 ng
RT: 6.610 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion: 93 Resp: 23132
Ion Ratio Lower Upper
93 100
63 78.0 60.4 100.4
95 31.9 12.3 52.3

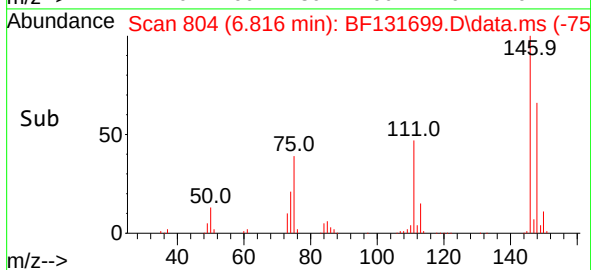
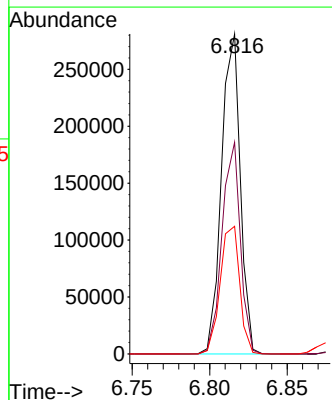
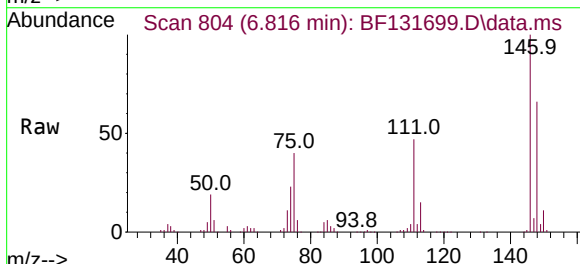
Manual Integrations
APPROVED

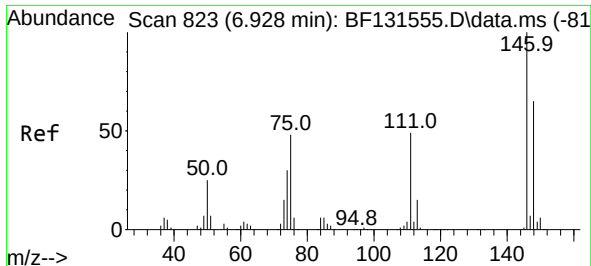
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#12
1,3-Dichlorobenzene
Concen: 44.914 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

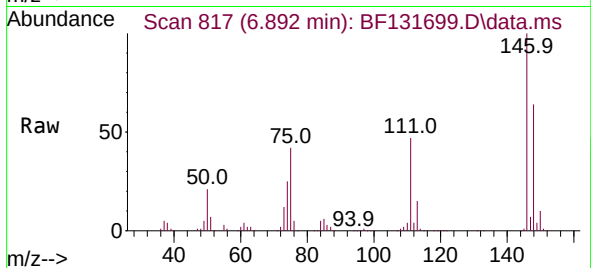
Tgt Ion:146 Resp: 237168
Ion Ratio Lower Upper
146 100
148 66.1 50.7 76.1
75 39.9 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 45.123 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

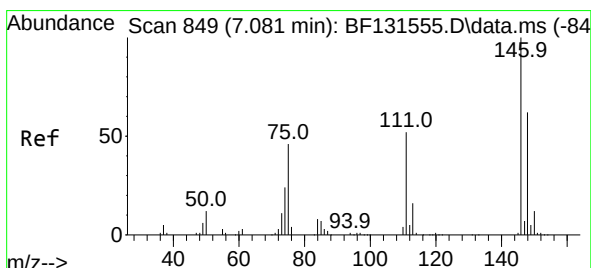
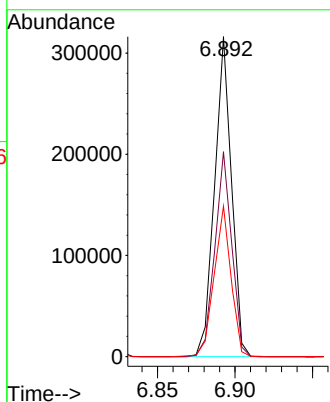
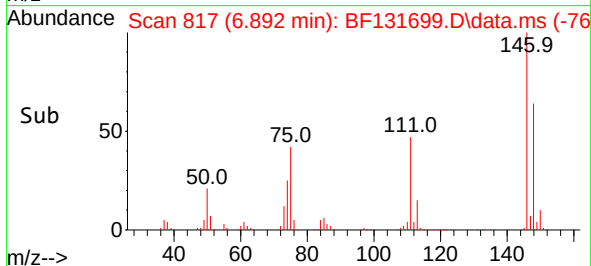
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



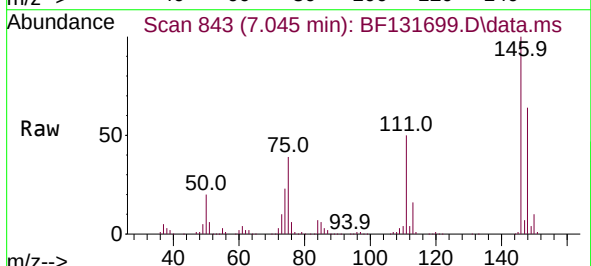
Tgt Ion:146 Resp: 240335
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 47.0 38.9 58.3

Manual Integrations
APPROVED

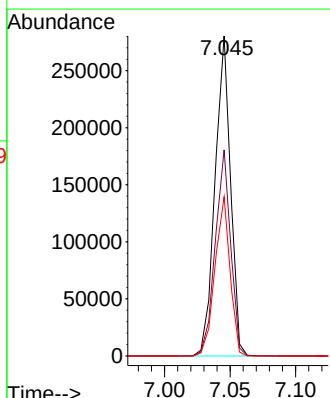
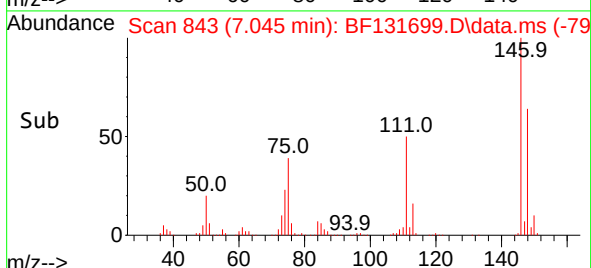
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

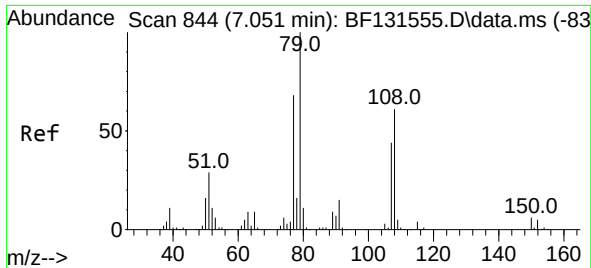


#14
1,2-Dichlorobenzene
Concen: 45.342 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



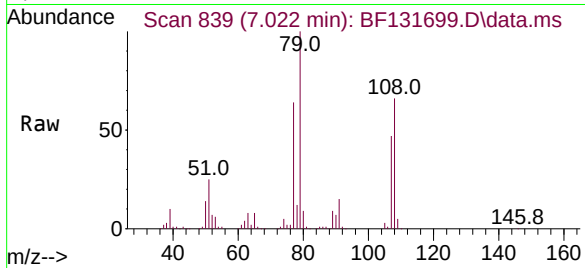
Tgt Ion:146 Resp: 230701
Ion Ratio Lower Upper
146 100
148 64.4 49.9 74.9
111 49.7 41.8 62.6





#15
Benzyl Alcohol
Concen: 44.530 ng
RT: 7.022 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

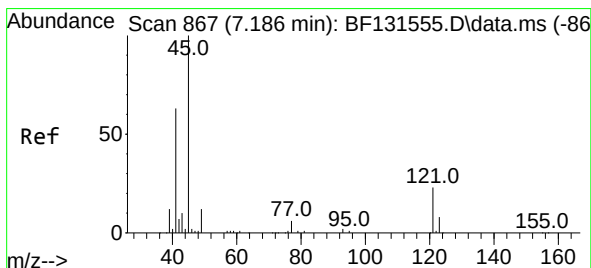
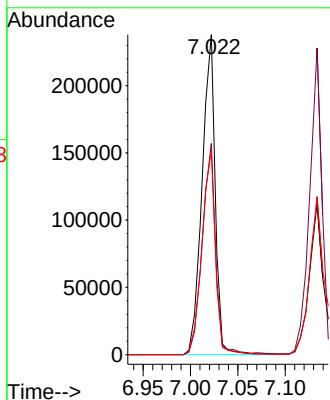
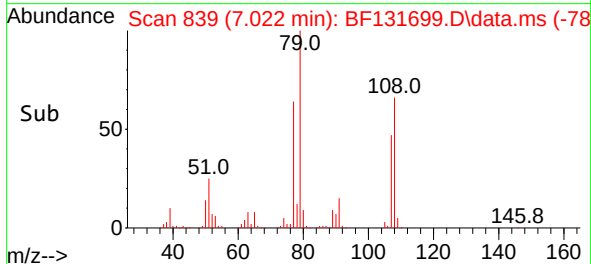
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion: 79 Resp: 229918
Ion Ratio Lower Upper
79 100
108 66.0 49.2 73.8
77 63.6 54.5 81.7

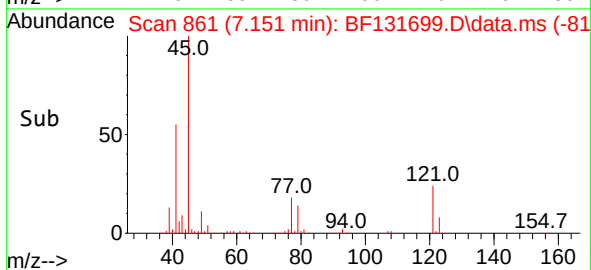
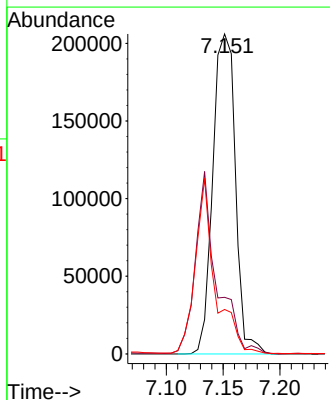
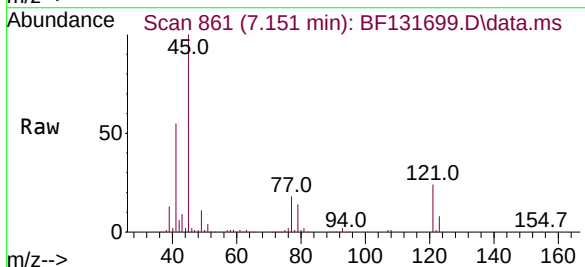
Manual Integrations
APPROVED

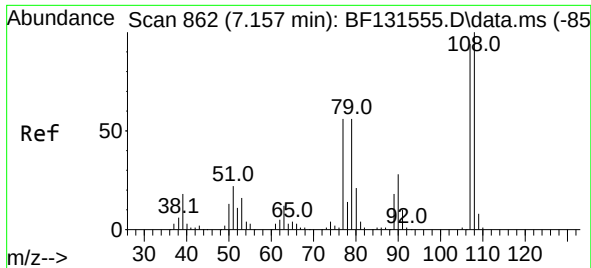
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.810 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

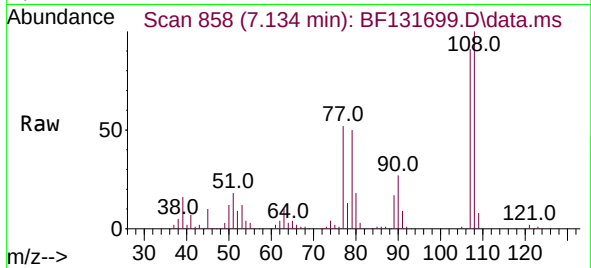
Tgt Ion: 45 Resp: 284739
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.9 0.0 33.6





#17
2-Methylphenol
Concen: 45.885 ng
RT: 7.134 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

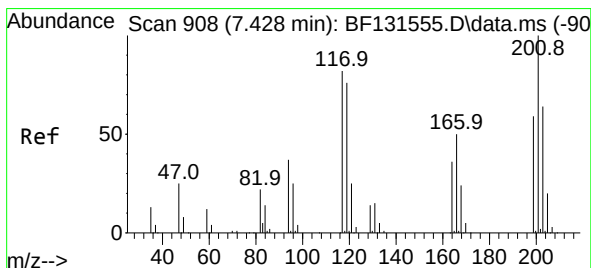
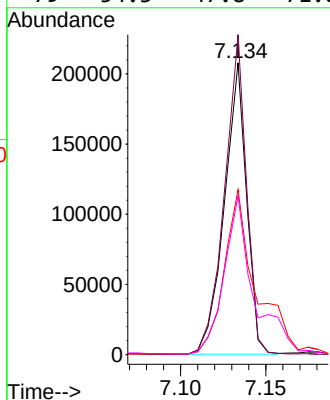
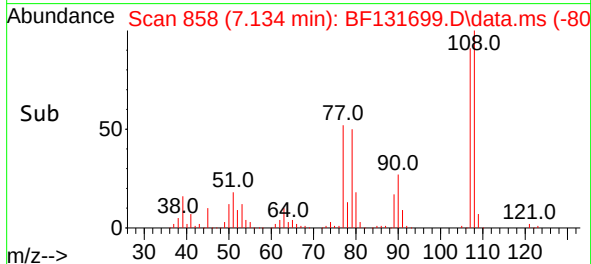
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



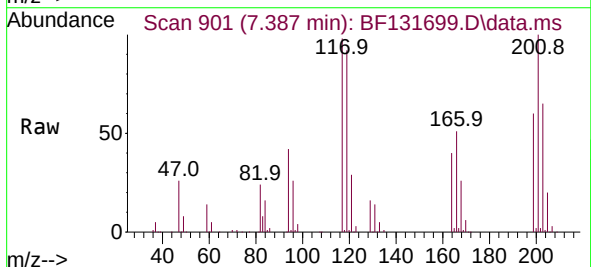
Tgt Ion:107 Resp: 18834
Ion Ratio Lower Upper
107 100
108 109.6 85.5 128.3
77 56.5 48.2 72.4
79 54.3 47.8 71.8

Manual Integrations
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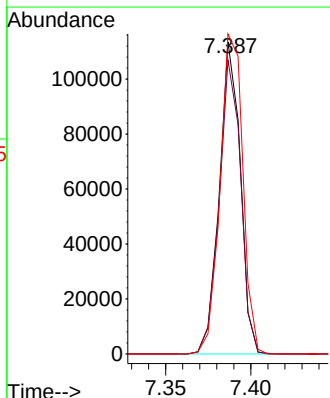
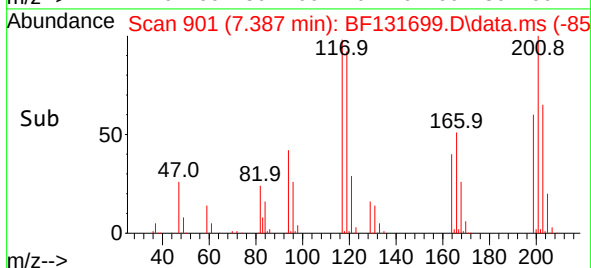
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

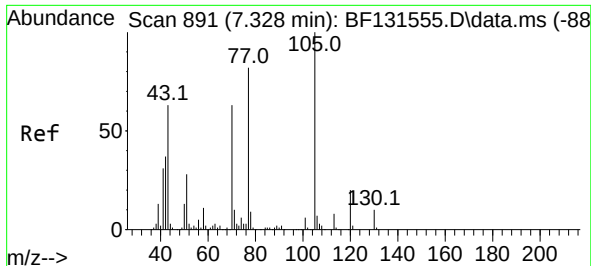


#18
Hexachloroethane
Concen: 45.156 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:117 Resp: 97021
Ion Ratio Lower Upper
117 100
119 94.1 75.0 112.4
201 102.5 98.0 147.0





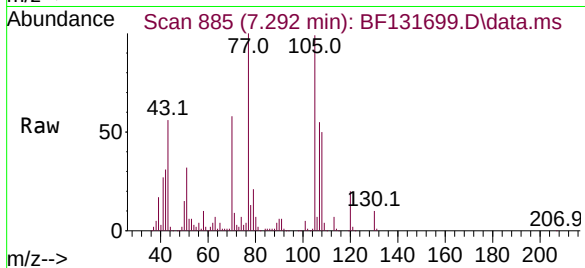
#19
n-Nitroso-di-n-propylamine
Concen: 43.371 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD

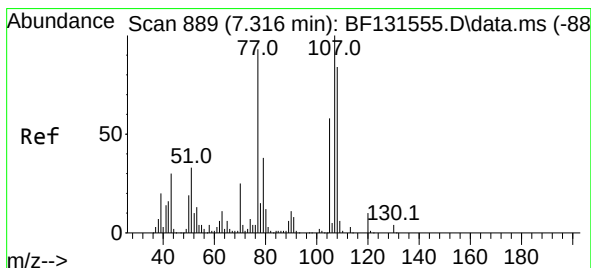
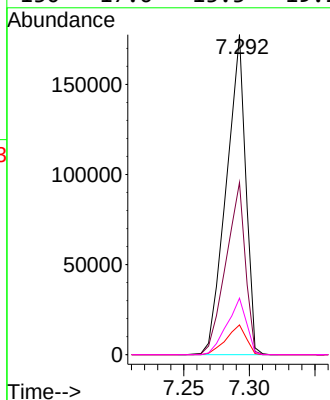
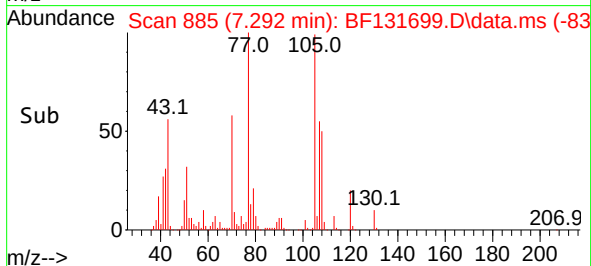


Tgt Ion: 70 Resp: 183158
Ion Ratio Lower Upper
70 100
42 53.8 46.4 69.6
101 9.3 7.2 10.8
130 17.6 13.3 19.9

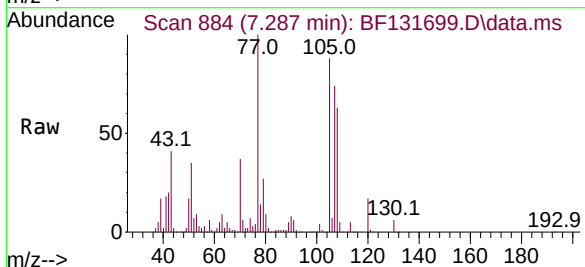
Manual Integrations

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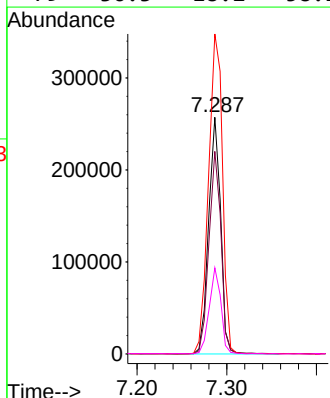
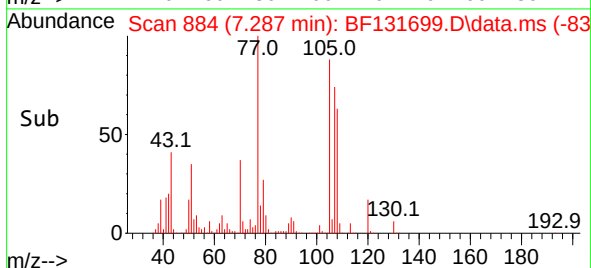
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

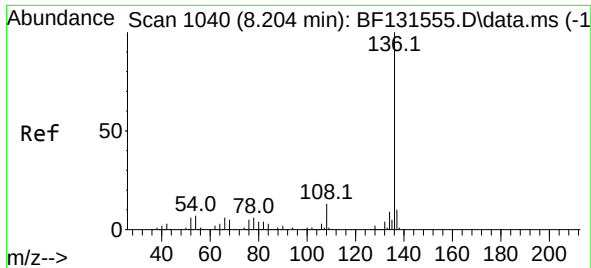


#20
3+4-Methylphenols
Concen: 42.840 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



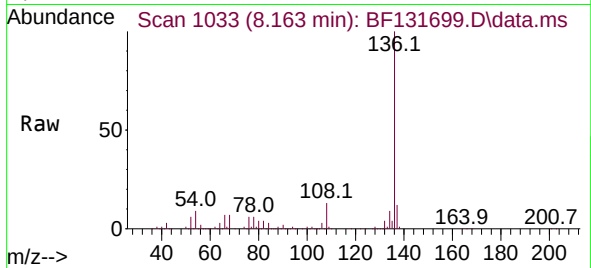
Tgt Ion:107 Resp: 239511
Ion Ratio Lower Upper
107 100
108 85.6 64.0 104.0
77 135.2 73.1 113.1#
79 36.3 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

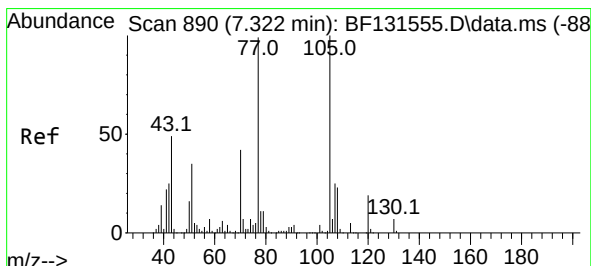
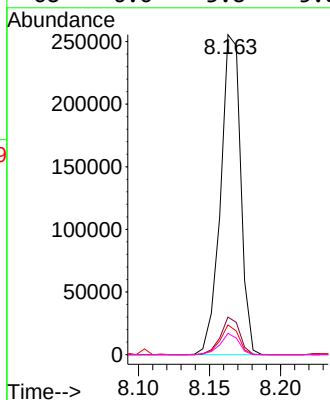
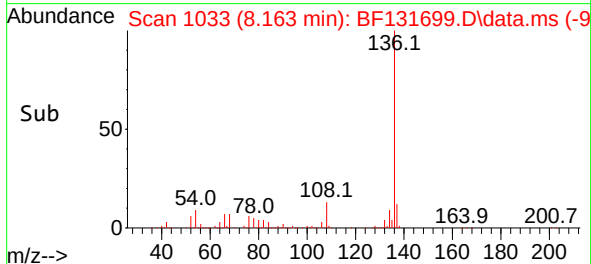
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion:136 Resp: 251510
Ion Ratio Lower Upper
136 100
137 11.7 8.1 12.1
54 9.3 6.0 9.0
68 6.6 3.8 5.8

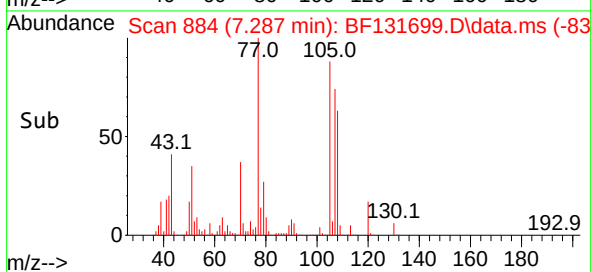
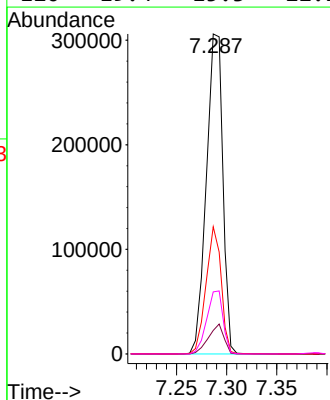
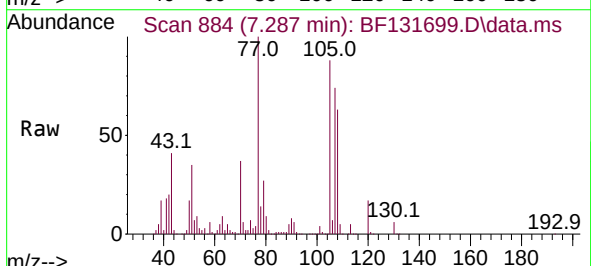
Manual Integrations
APPROVED

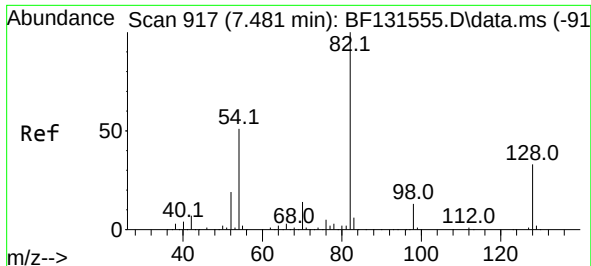
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#22
Acetophenone
Concen: 44.342 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Tgt Ion:105 Resp: 349488
Ion Ratio Lower Upper
105 100
71 7.3 5.4 8.0
51 39.7 27.8 41.6
120 19.4 15.3 22.9





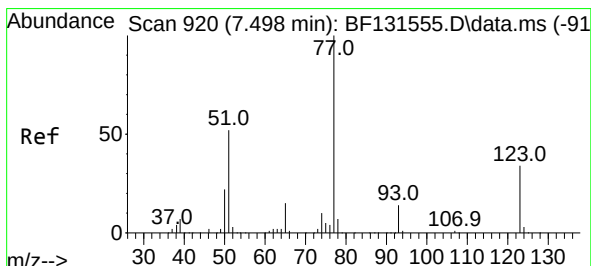
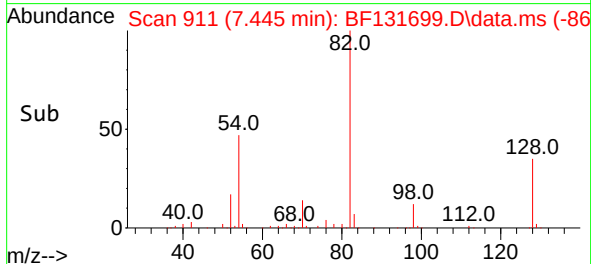
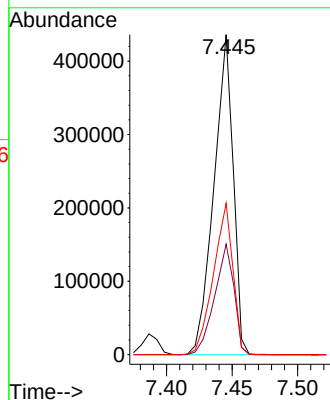
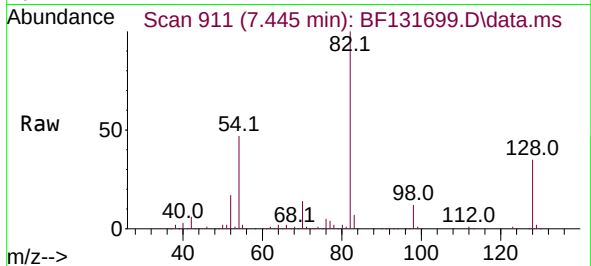
#23
Nitrobenzene-d5
Concen: 67.003 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion: 82 Resp: 445736
Ion Ratio Lower Upper
82 100
128 34.5 26.1 39.1
54 47.3 40.6 60.8

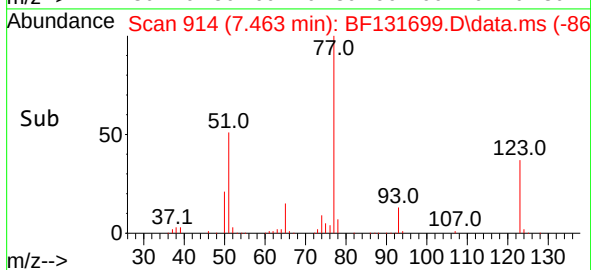
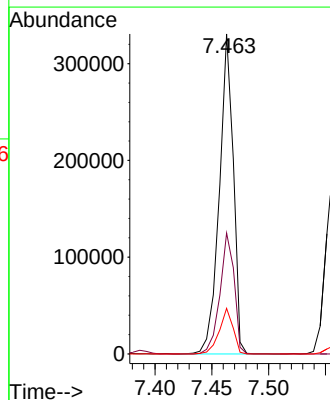
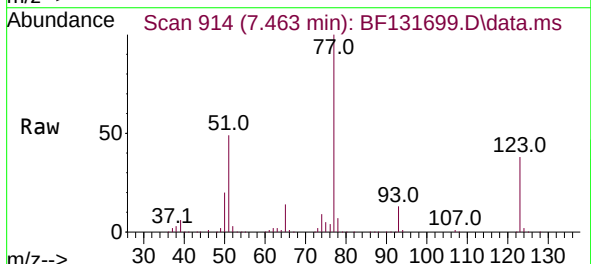
Manual Integrations
APPROVED

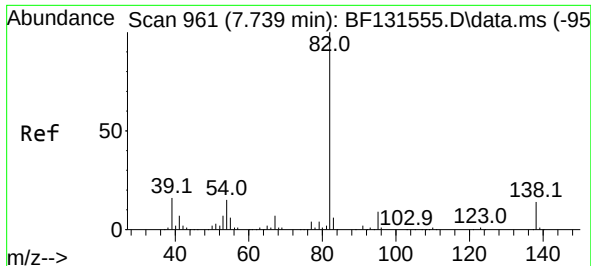
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#24
Nitrobenzene
Concen: 42.140 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Tgt Ion: 77 Resp: 282743
Ion Ratio Lower Upper
77 100
123 37.8 27.1 40.7
65 14.2 11.9 17.9





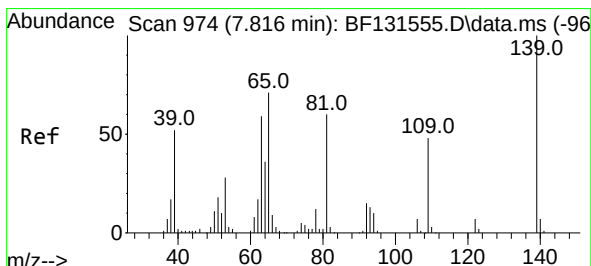
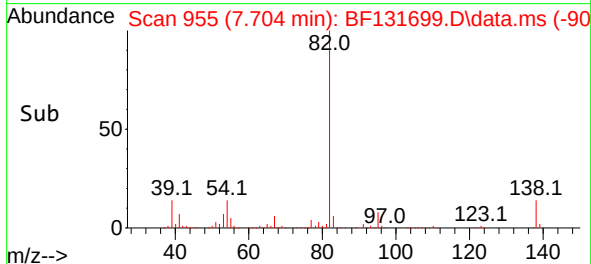
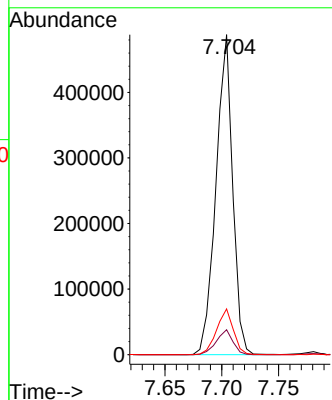
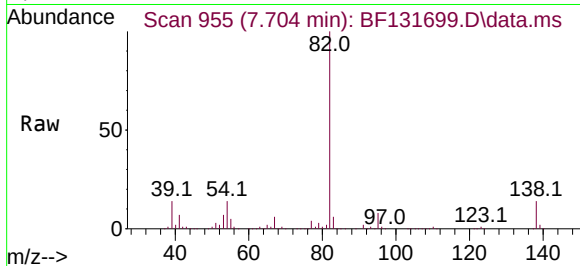
#25
Isophorone
Concen: 46.454 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion: 82 Resp: 497780
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 14.3 11.4 17.0

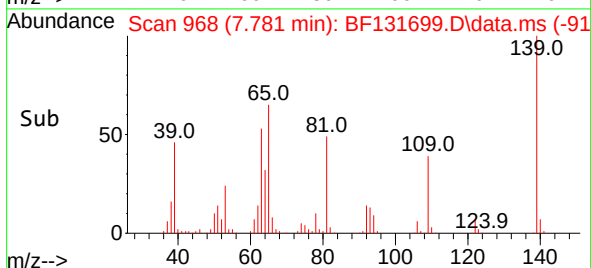
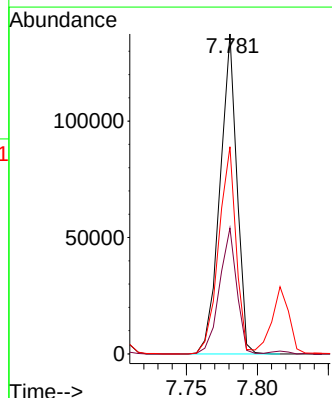
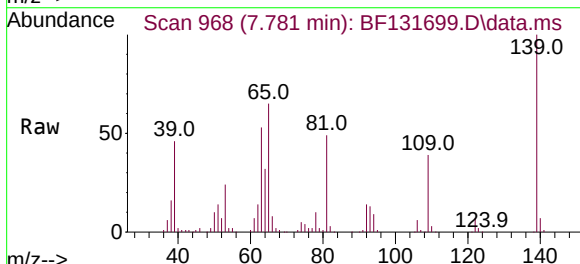
Manual Integrations
APPROVED

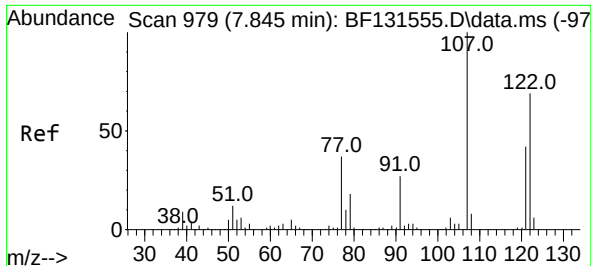
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#26
2-Nitrophenol
Concen: 49.976 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Tgt Ion:139 Resp: 114351
Ion Ratio Lower Upper
139 100
109 39.3 38.6 58.0
65 64.7 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 53.345 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131699.D

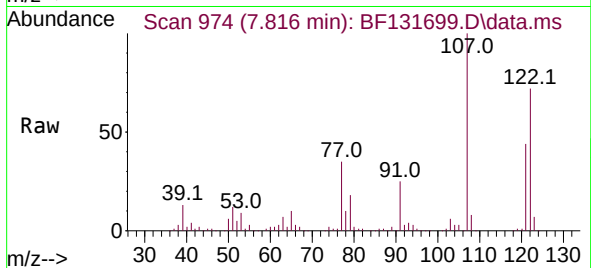
Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD



Tgt Ion:122 Resp: 187086

Ion Ratio Lower Upper

122 100

107 138.6 114.2 171.2

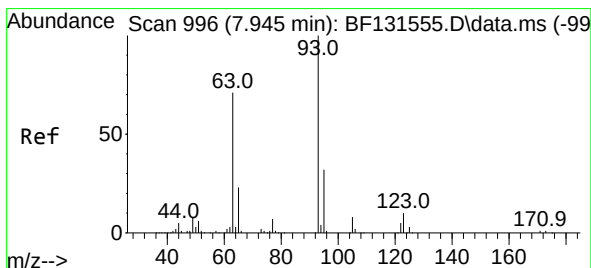
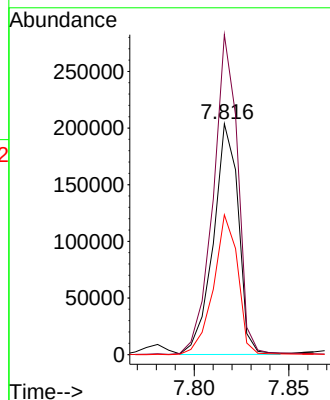
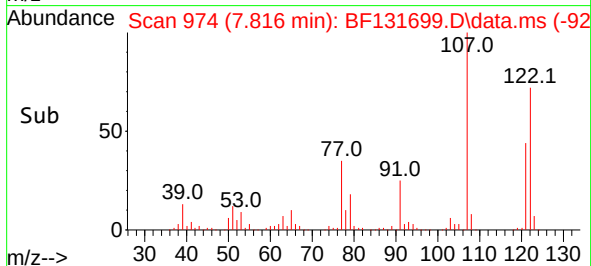
121 60.6 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.467 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

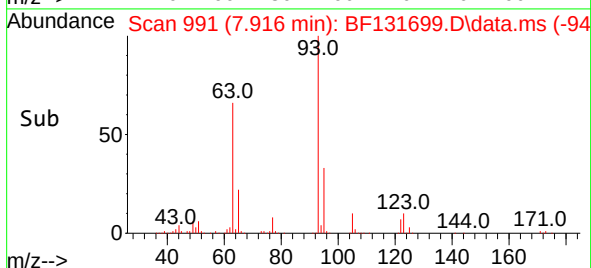
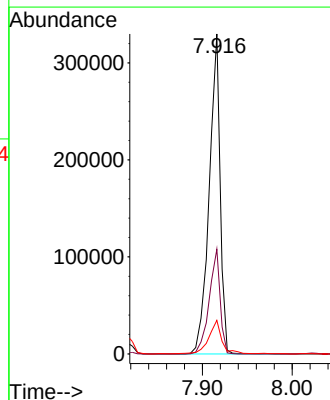
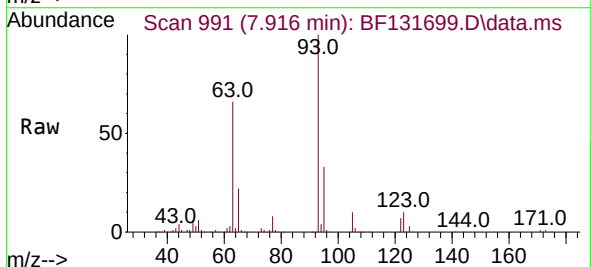
Tgt Ion: 93 Resp: 279754

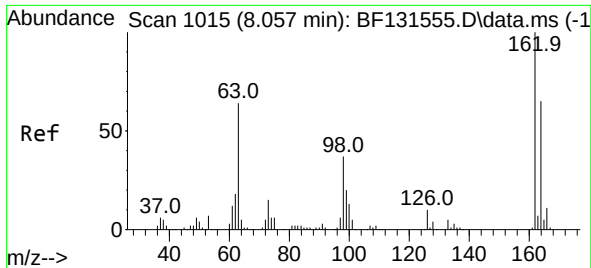
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 43.505 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD

Tgt Ion:162 Resp: 188653

Ion Ratio Lower Upper

162 100

164 63.7 45.0 85.0

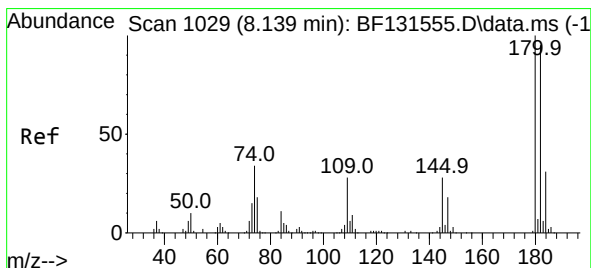
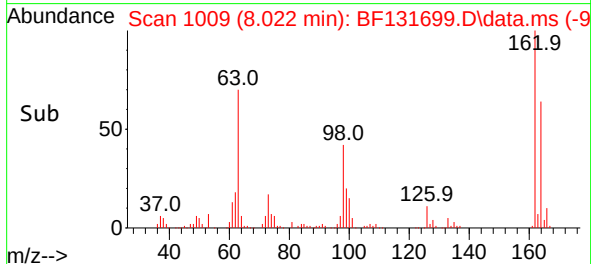
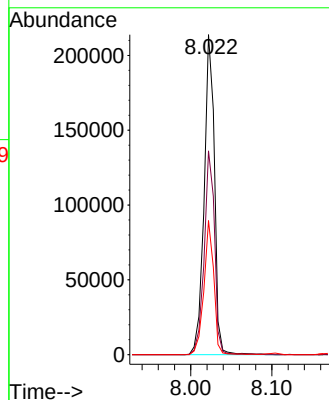
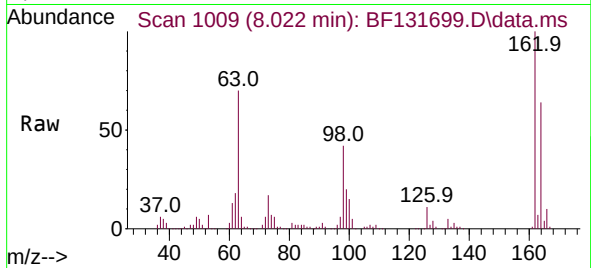
98 41.9 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.518 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

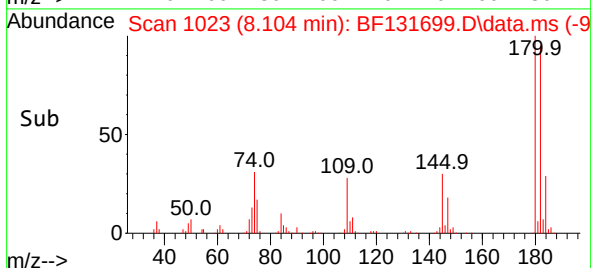
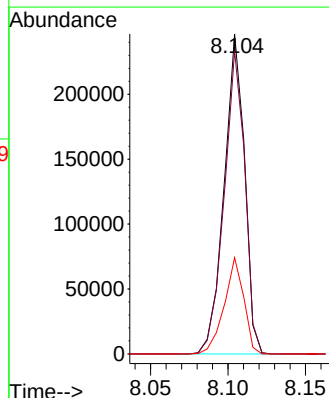
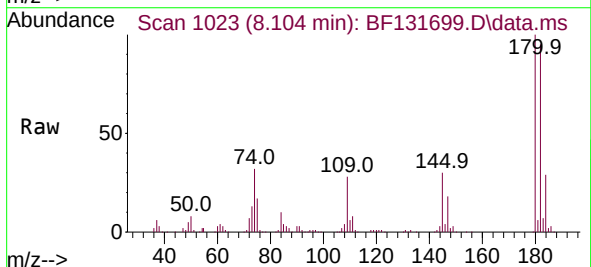
Tgt Ion:180 Resp: 226109

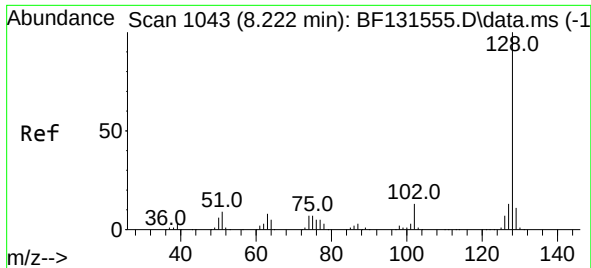
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

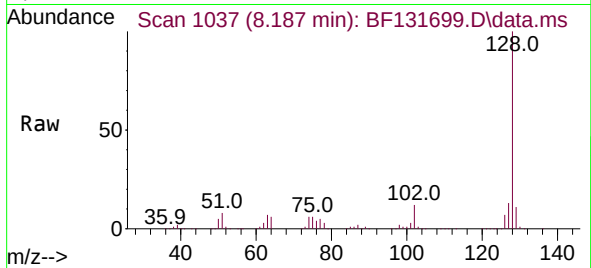
145 30.1 22.4 33.6





#31
Naphthalene
Concen: 43.136 ng
RT: 8.187 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

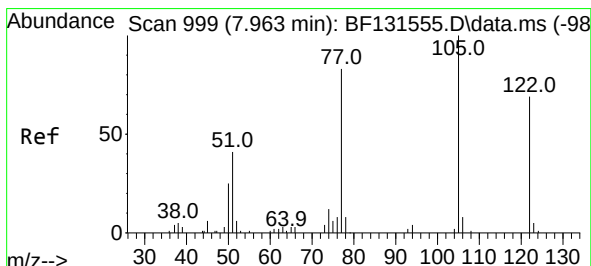
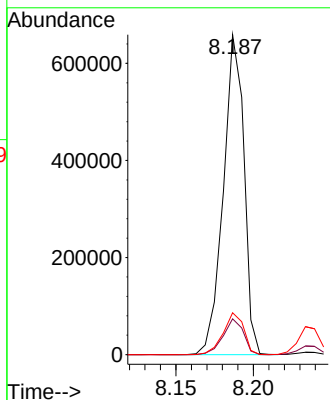
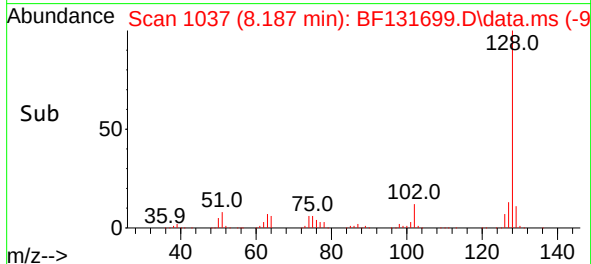
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



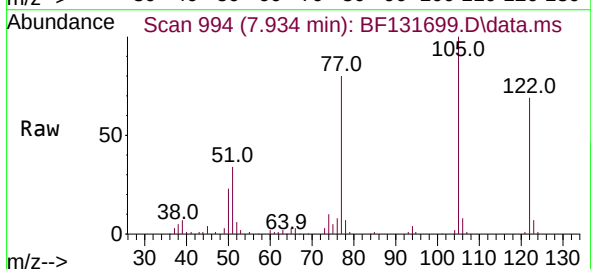
Tgt Ion:128 Resp: 611059
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 15.8

Manual Integrations
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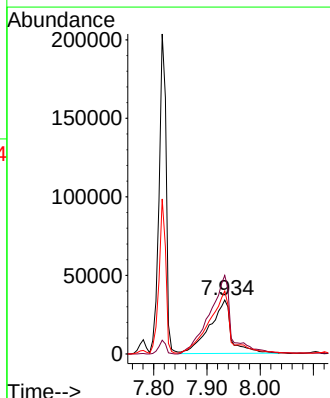
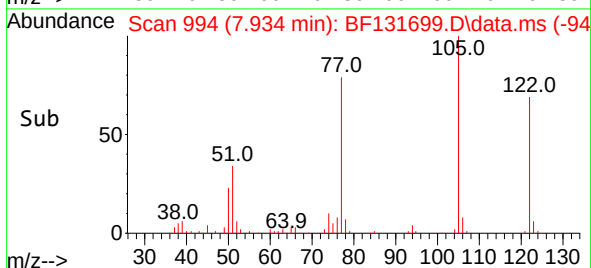
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

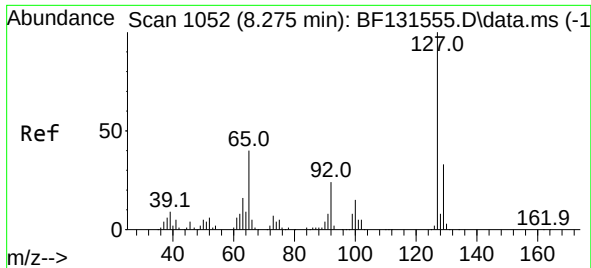


#32
Benzoic acid
Concen: 38.235 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:122 Resp: 97113
Ion Ratio Lower Upper
122 100
105 145.8 119.8 159.8
77 116.8 97.6 137.6





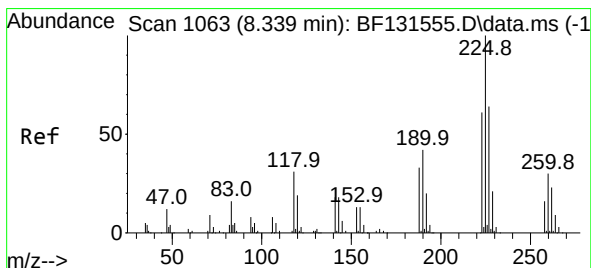
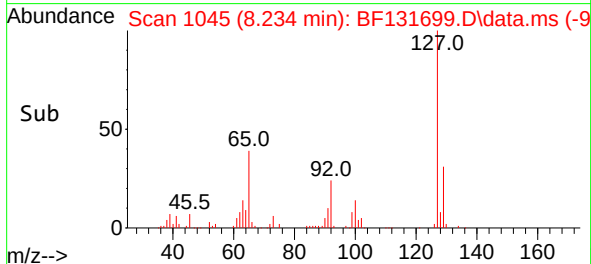
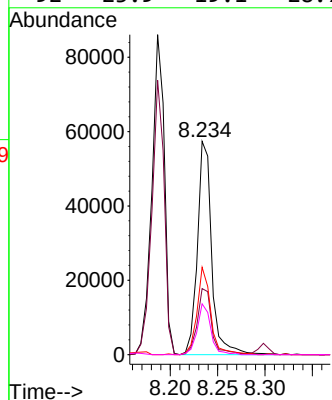
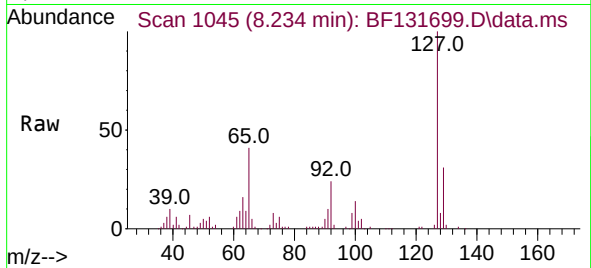
#33
4-Chloroaniline
Concen: 11.322 ng
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion:127	Resp: 60118
Ion Ratio	Lower Upper
127 100	
129 30.9	26.4 39.6
65 40.9	31.9 47.9
92 23.9	19.1 28.7

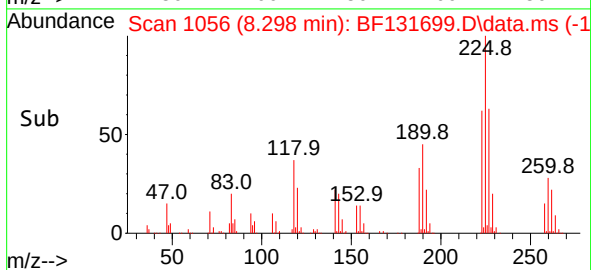
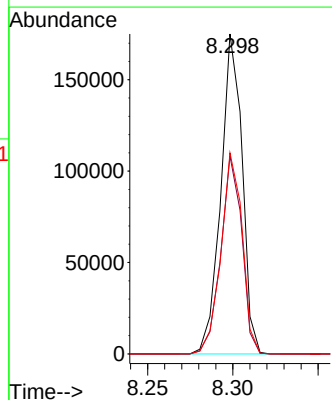
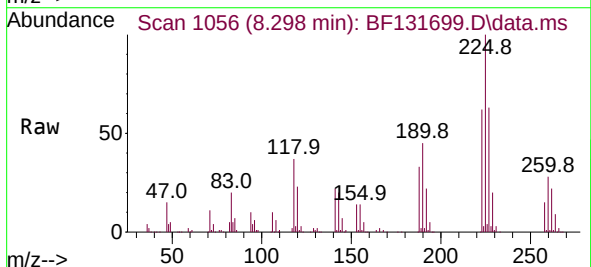
Manual Integrations
APPROVED

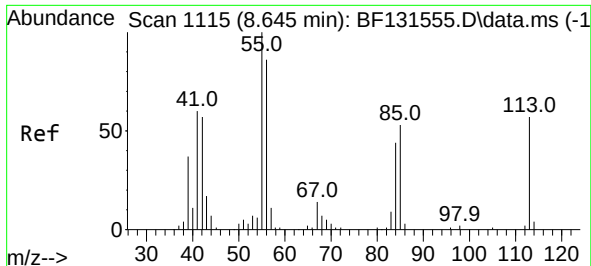
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#34
Hexachlorobutadiene
Concen: 40.505 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

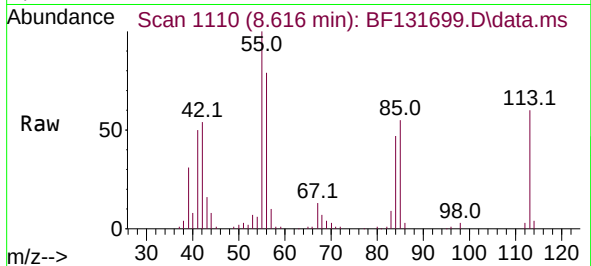
Tgt Ion:225	Resp: 151810
Ion Ratio	Lower Upper
225 100	
223 61.9	48.7 73.1
227 62.8	51.0 76.6





#35
Caprolactam
Concen: 44.600 ng m
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

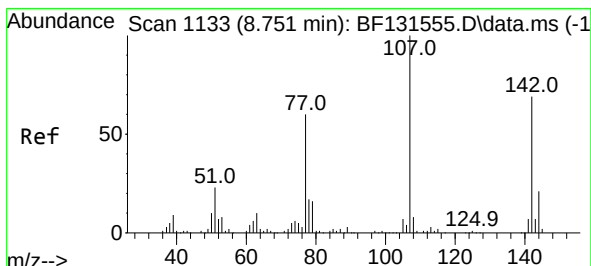
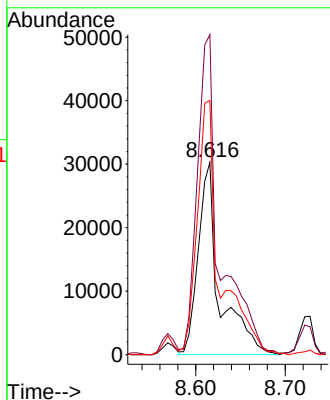
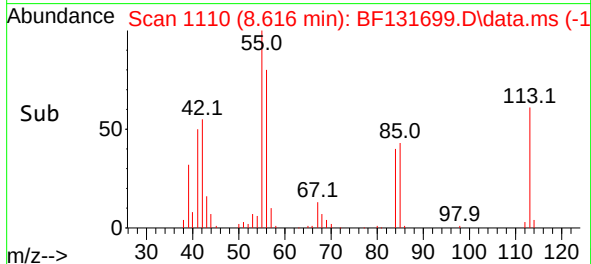
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



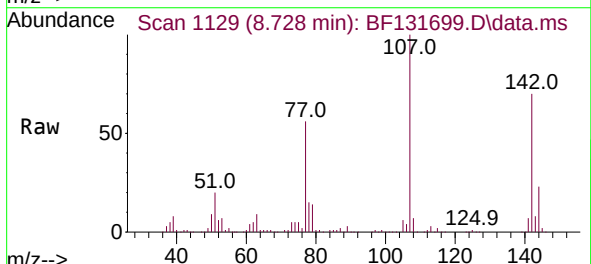
Tgt Ion:113 Resp: 50030
Ion Ratio Lower Upper
113 100
55 166.4 155.8 195.8
56 132.1 131.7 171.7

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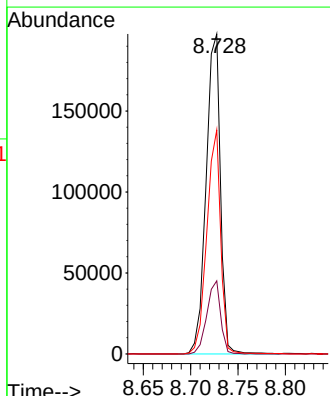
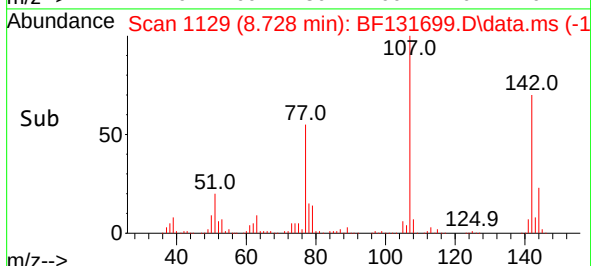
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

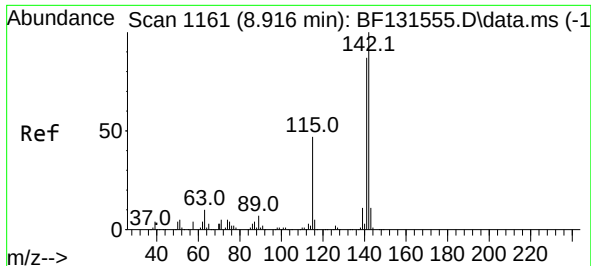


#36
4-Chloro-3-methylphenol
Concen: 42.834 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.012 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:107 Resp: 208577
Ion Ratio Lower Upper
107 100
144 22.8 17.0 25.4
142 70.0 54.8 82.2





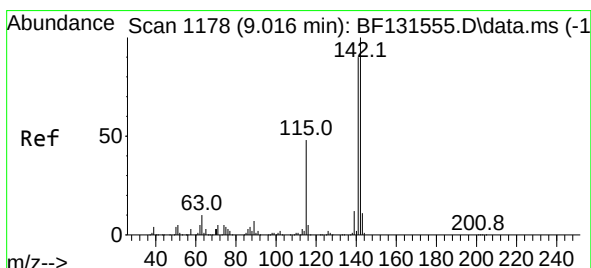
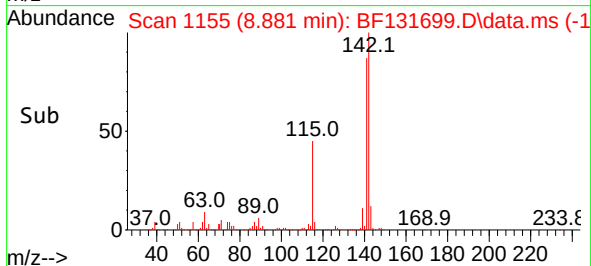
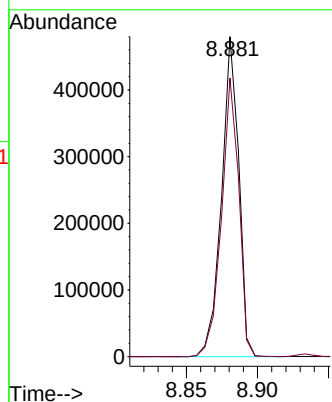
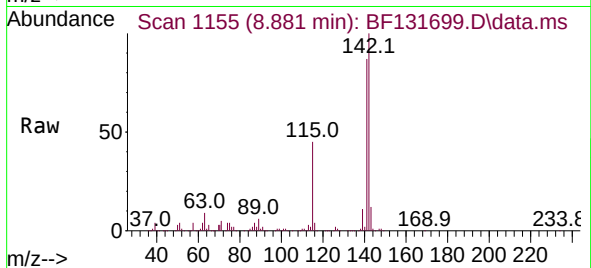
#37
2-Methylnaphthalene
Concen: 41.826 ng
RT: 8.881 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion:142 Resp: 405203
Ion Ratio Lower Upper
142 100
141 87.0 69.7 104.5

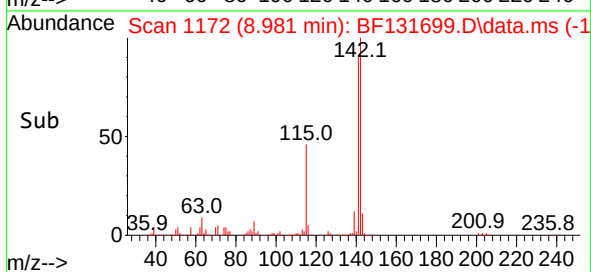
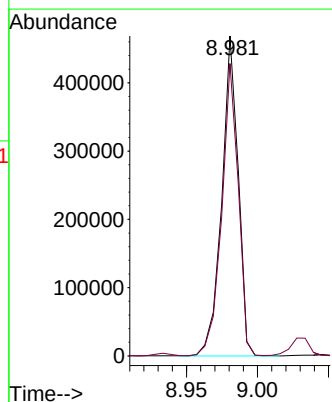
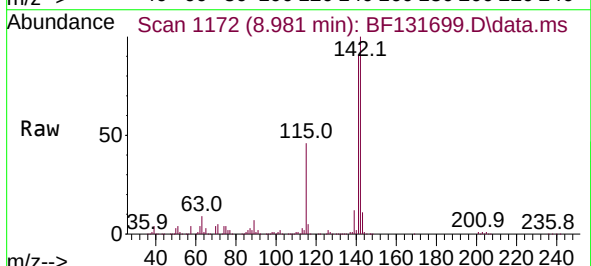
Manual Integrations
APPROVED

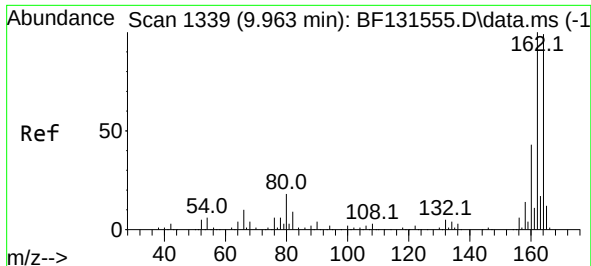
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#38
1-Methylnaphthalene
Concen: 40.473 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

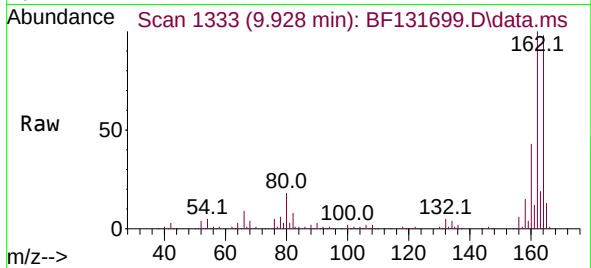
Tgt Ion:142 Resp: 376393
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

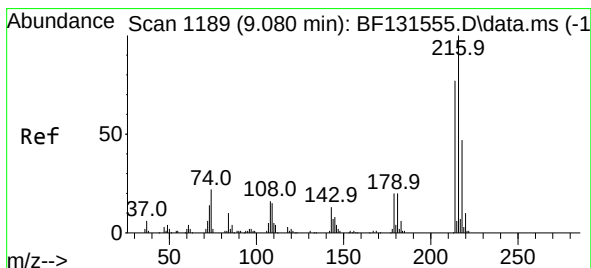
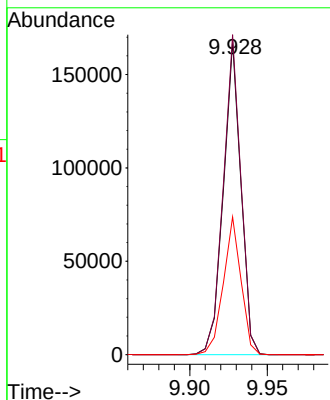
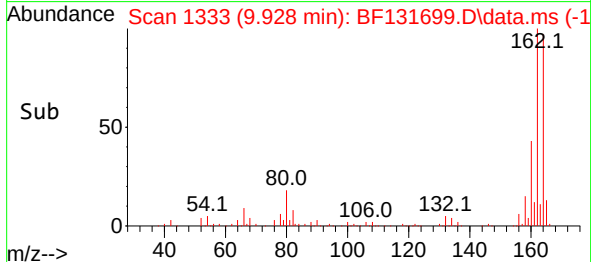
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion:164 Resp: 133024
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.6
160 44.0 35.0 52.6

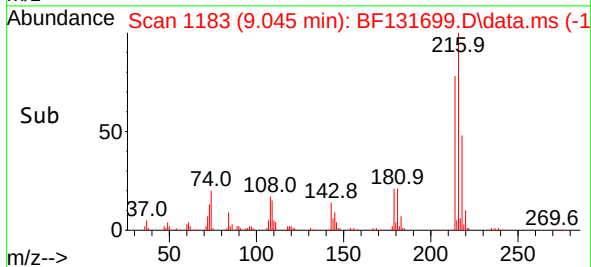
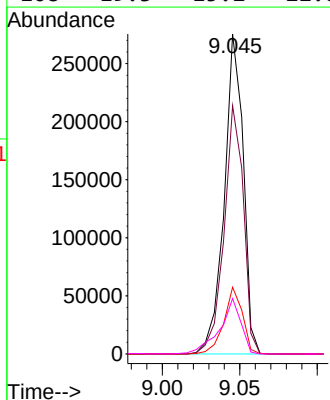
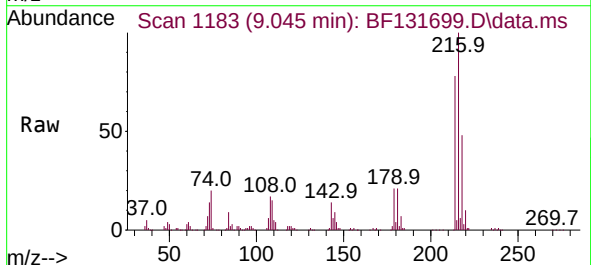
Manual Integrations
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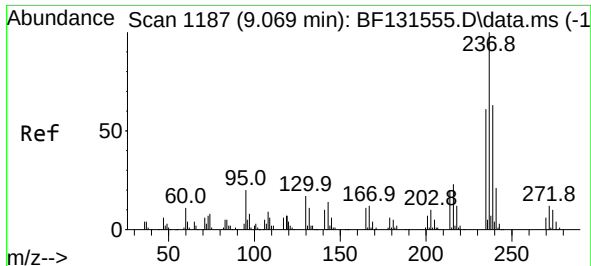
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.681 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

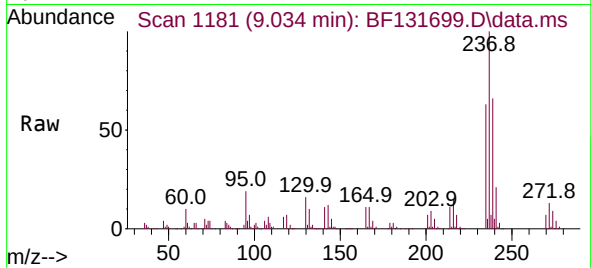
Tgt Ion:216 Resp: 234792
Ion Ratio Lower Upper
216 100
214 78.6 62.1 93.1
179 20.3 16.0 24.0
108 19.3 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 84.625 ng
RT: 9.034 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

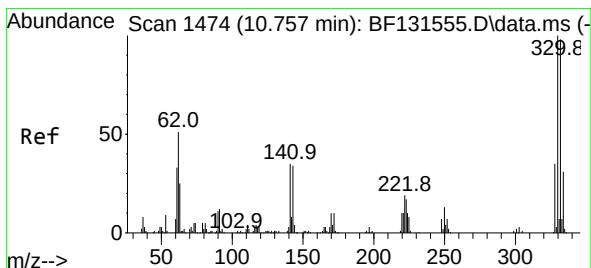
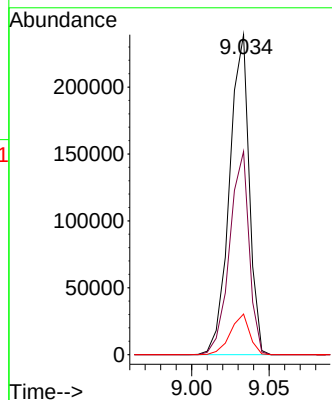
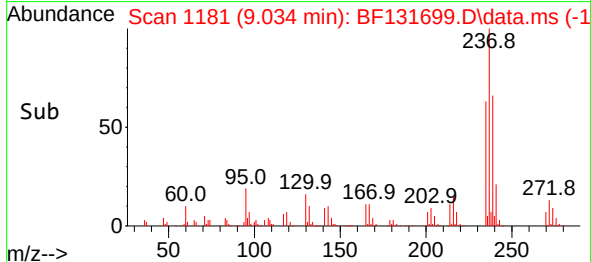
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



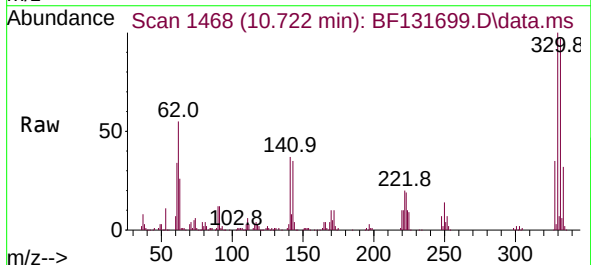
Tgt Ion: 237 Resp: 211514
Ion Ratio Lower Upper
237 100
235 63.5 40.6 80.6
272 12.7 0.0 32.2

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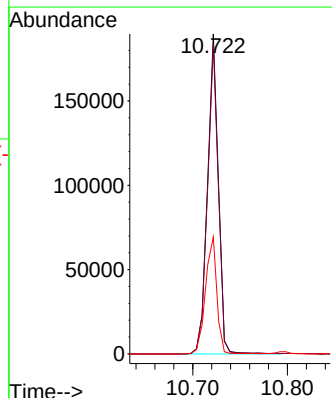
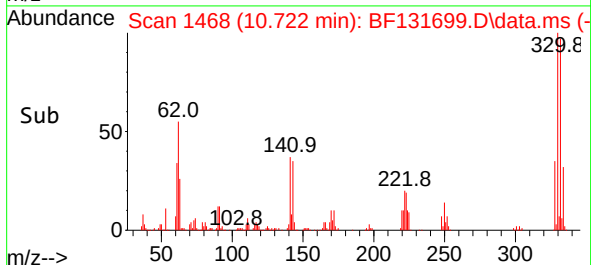
Reviewed By : Christian Giraldo 12/20/2022
Supervised By : Jagrut Upadhyay 12/20/2022

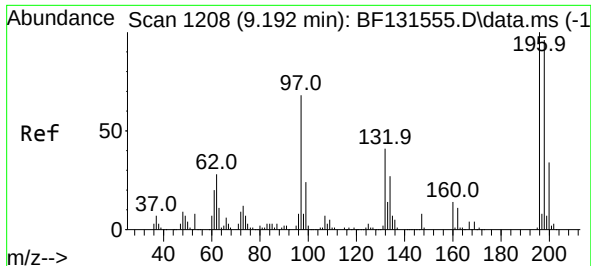


#42
2,4,6-Tribromophenol
Concen: 102.297 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion: 330 Resp: 151189
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 38.3 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 45.888 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131699.D

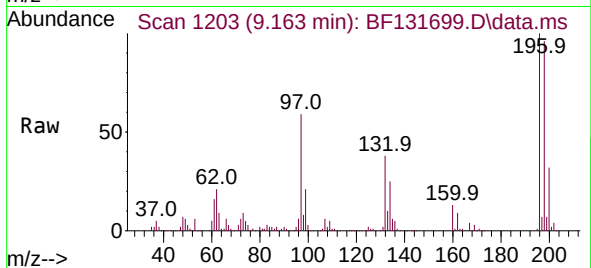
Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD



Tgt Ion:196 Resp: 139762

Ion Ratio Lower Upper

196 100

198 95.6 76.9 115.3

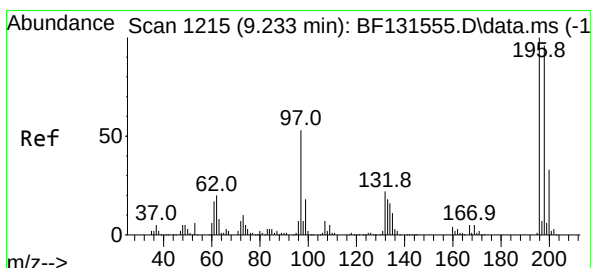
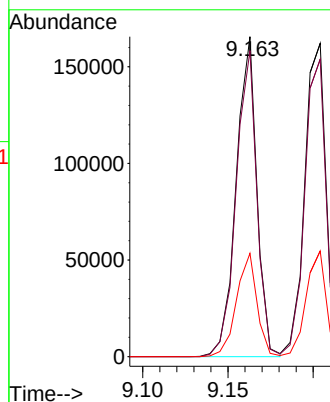
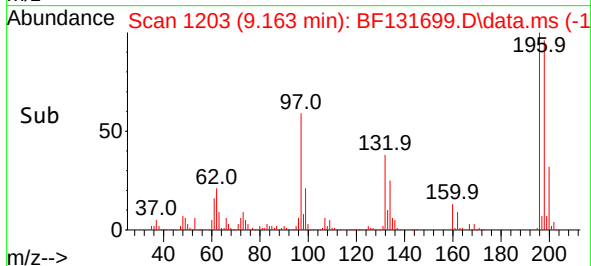
200 32.3 26.9 40.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#44

2,4,5-Trichlorophenol

Concen: 43.555 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Tgt Ion:196 Resp: 142667

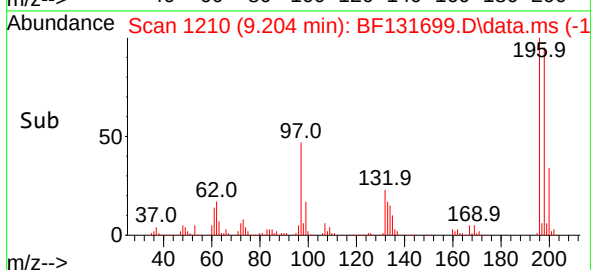
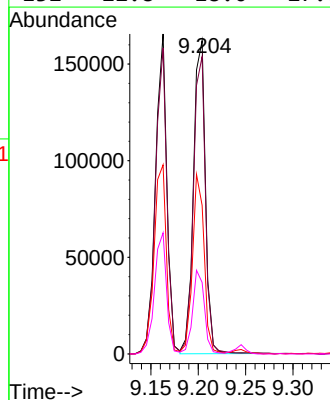
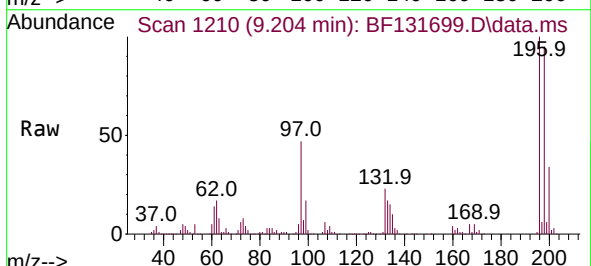
Ion Ratio Lower Upper

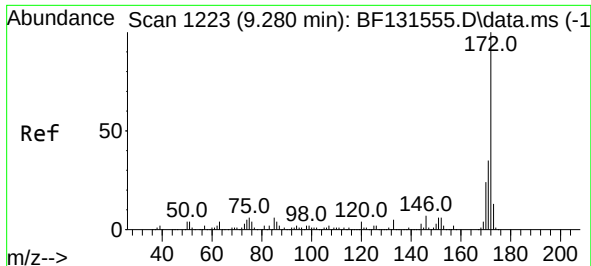
196 100

198 94.9 77.2 115.8

97 47.5 42.2 63.2

132 22.8 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 69.664 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD

Tgt Ion:172 Resp: 734960

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

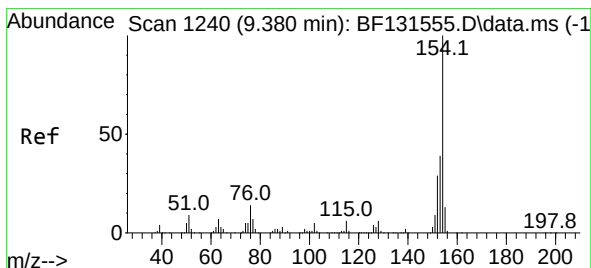
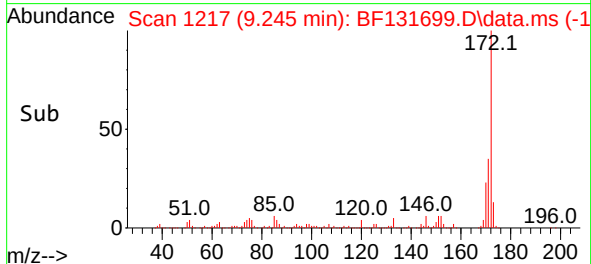
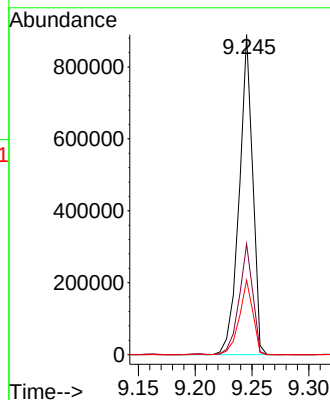
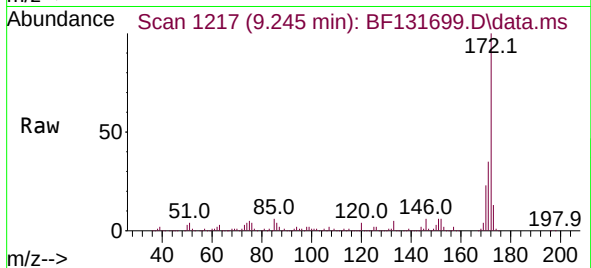
170 23.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#46

1,1'-Biphenyl

Concen: 47.862 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

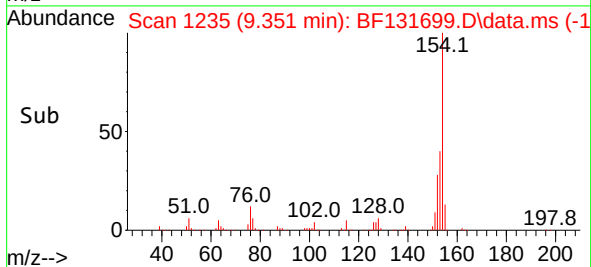
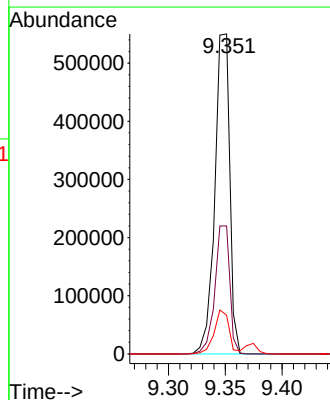
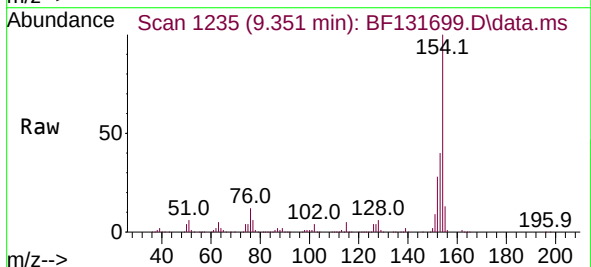
Tgt Ion:154 Resp: 503388

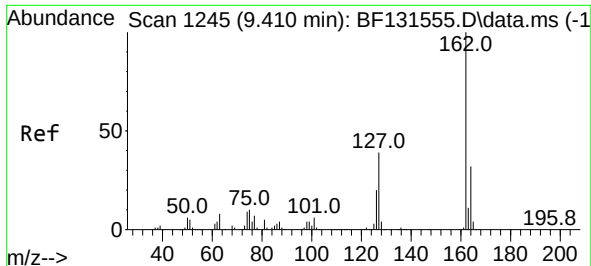
Ion Ratio Lower Upper

154 100

153 40.0 19.4 59.4

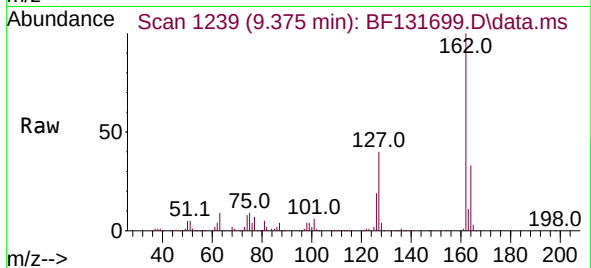
76 12.1 0.0 34.0





#47
2-Chloronaphthalene
Concen: 46.486 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

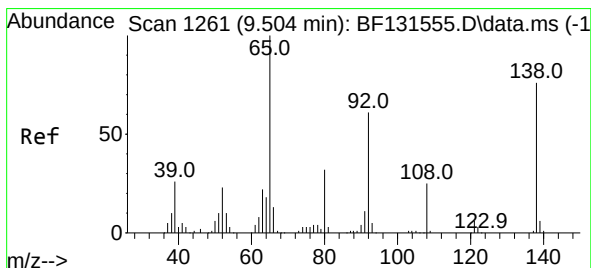
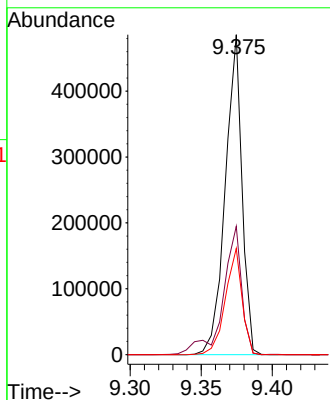
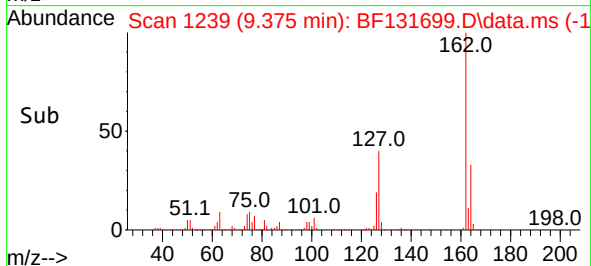
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



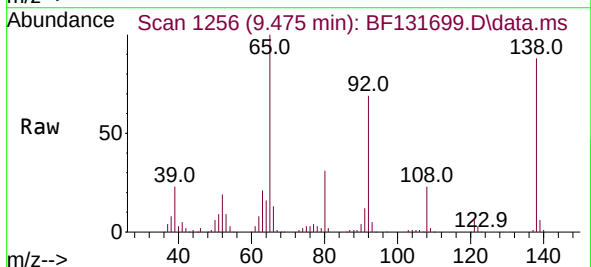
Tgt Ion:162 Resp: 398343
Ion Ratio Lower Upper
162 100
127 40.1 31.4 47.2
164 33.2 25.8 38.8

Manual Integrations
APPROVED

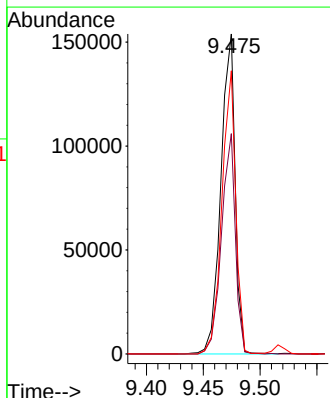
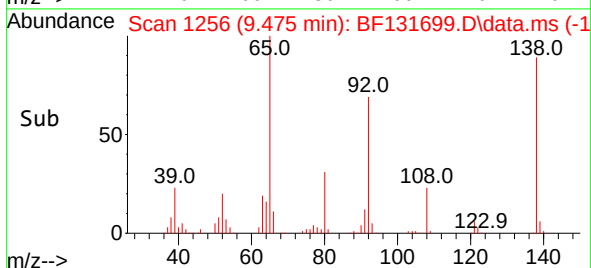
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

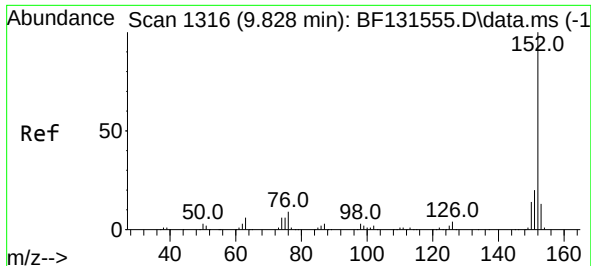


#48
2-Nitroaniline
Concen: 44.090 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



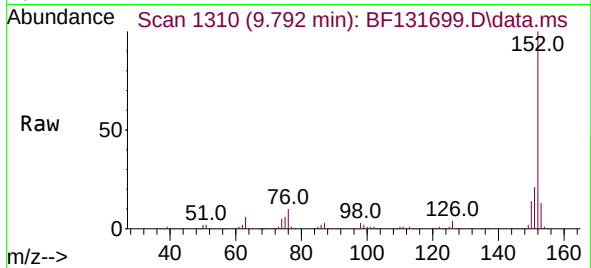
Tgt Ion: 65 Resp: 133837
Ion Ratio Lower Upper
65 100
92 68.8 49.2 73.8
138 88.5 60.7 91.1





#49
Acenaphthylene
Concen: 45.464 ng
RT: 9.792 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

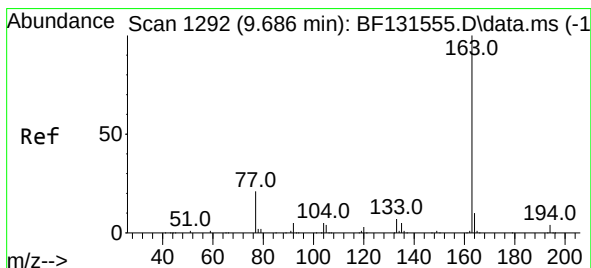
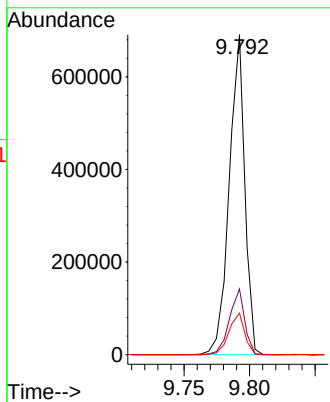
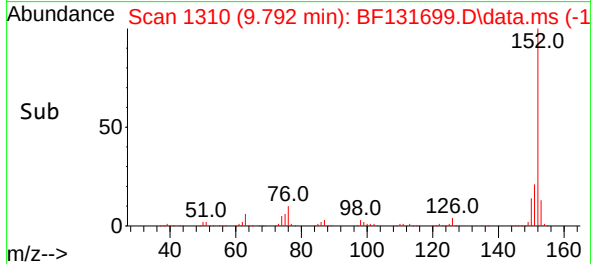
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



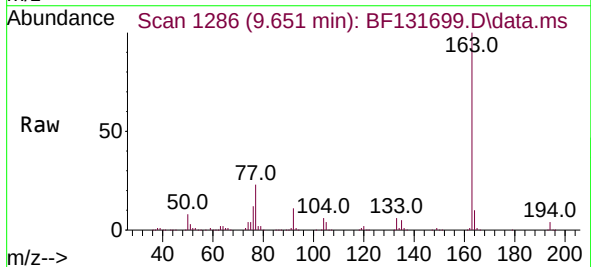
Tgt Ion:152 Resp: 572027
Ion Ratio Lower Upper
152 100
151 20.5 15.6 23.4
153 13.0 10.4 15.6

Manual Integrations
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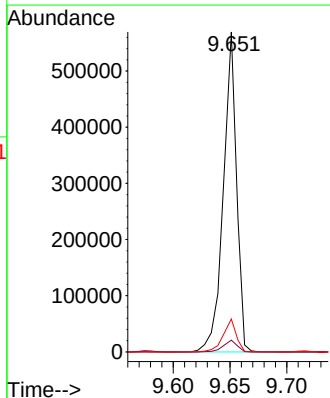
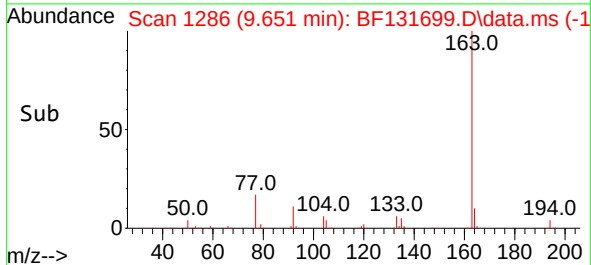
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

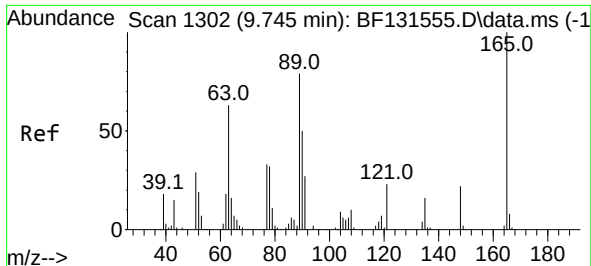


#50
Dimethylphthalate
Concen: 45.488 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:163 Resp: 461282
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 46.769 ng

RT: 9.716 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD

Tgt Ion:165 Resp: 97910

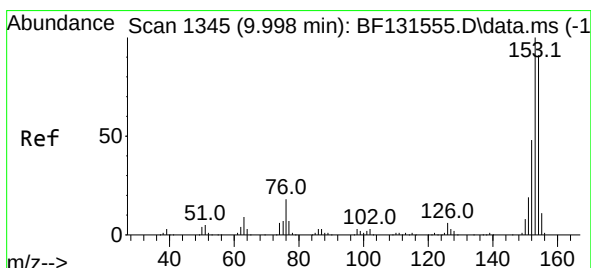
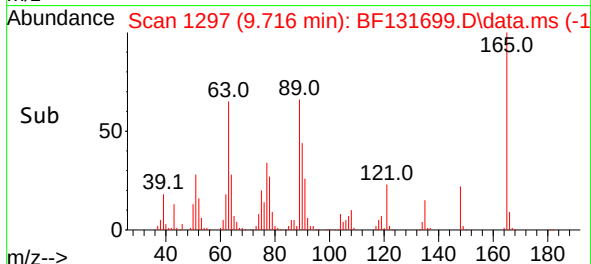
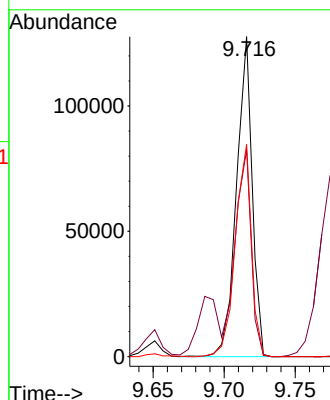
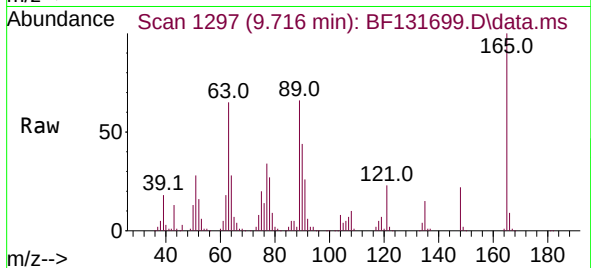
Ion	Ratio	Lower	Upper
165	100		
63	64.6	67.9	101.9
89	66.3	63.2	94.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#52

Acenaphthene

Concen: 45.793 ng m

RT: 9.963 min Scan# 1339

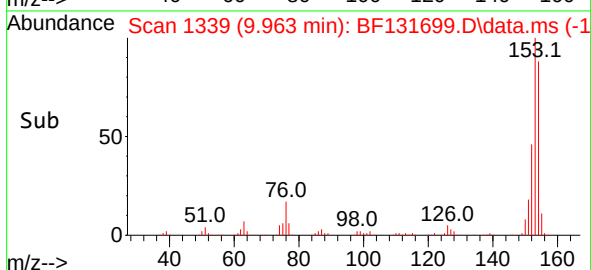
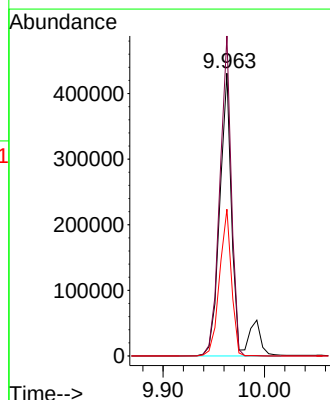
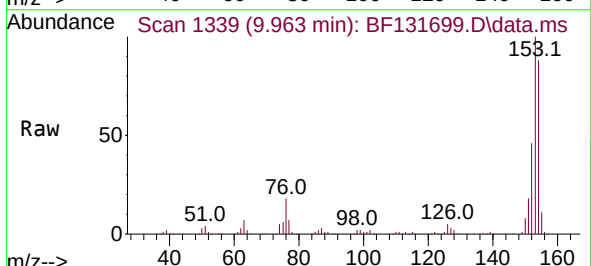
Delta R.T. 0.000 min

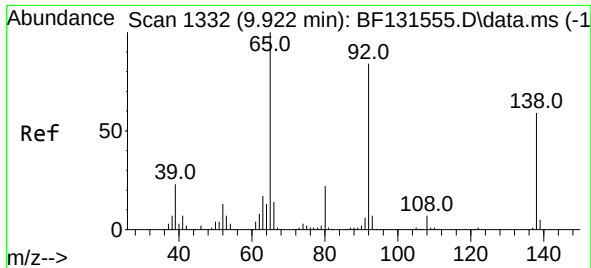
Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Tgt Ion:154 Resp: 385979

Ion	Ratio	Lower	Upper
154	100		
153	113.2	87.9	131.9
152	51.9	42.4	63.6





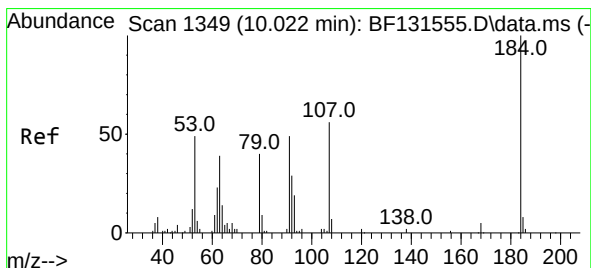
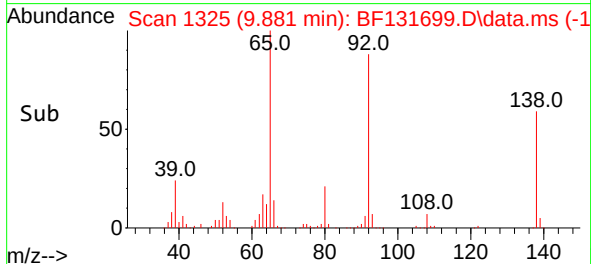
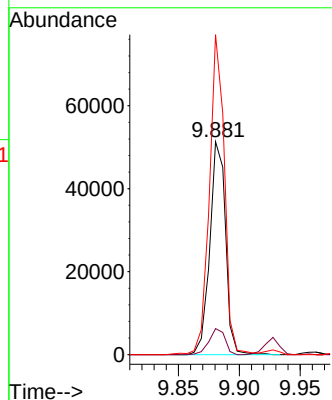
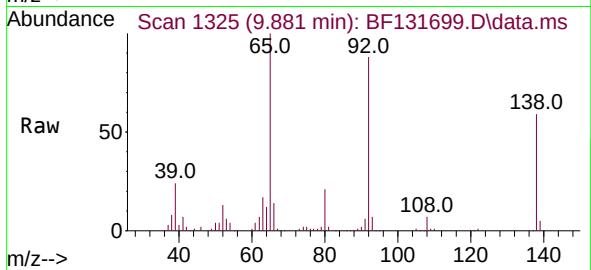
#53
3-Nitroaniline
Concen: 22.898 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion:138 Resp: 45993
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 150.3 113.4 170.0

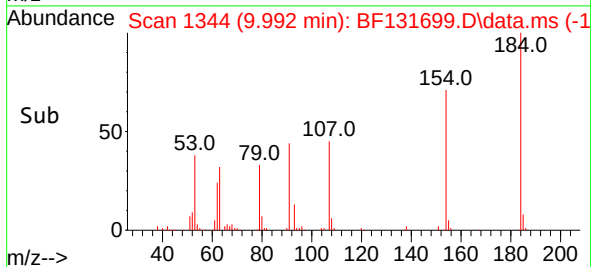
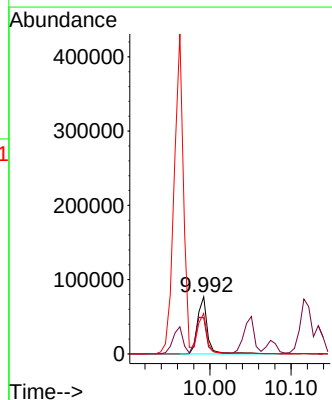
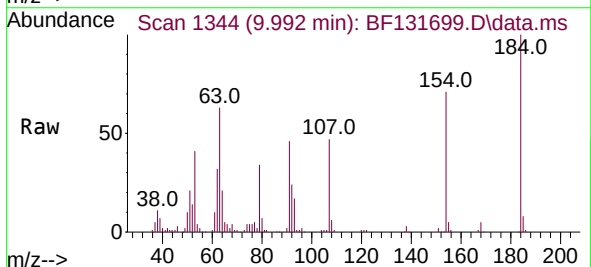
Manual Integrations
APPROVED

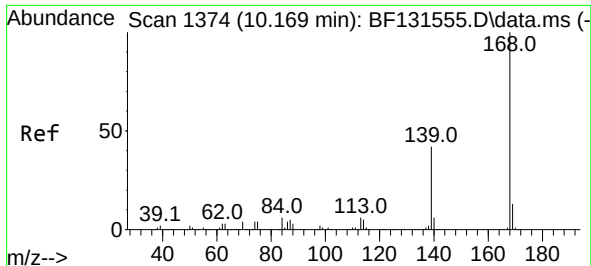
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#54
2,4-Dinitrophenol
Concen: 55.252 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

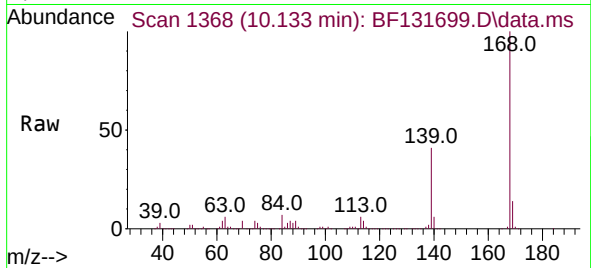
Tgt Ion:184 Resp: 64615
Ion Ratio Lower Upper
184 100
63 63.4 60.7 91.1
154 70.9 59.0 88.6





#55
Dibenzenofuran
Concen: 43.890 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

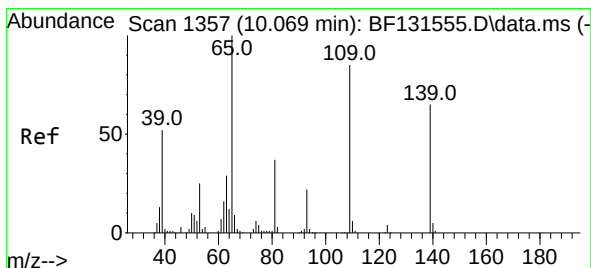
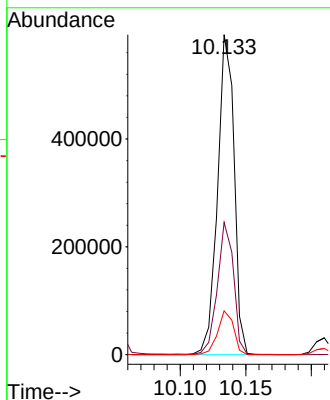
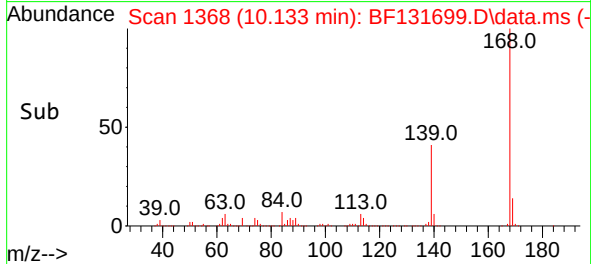
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion:168 Resp: 522714
Ion Ratio Lower Upper
168 100
139 41.3 33.9 50.9
169 13.7 10.7 16.1

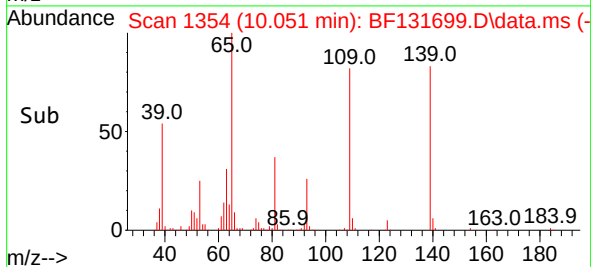
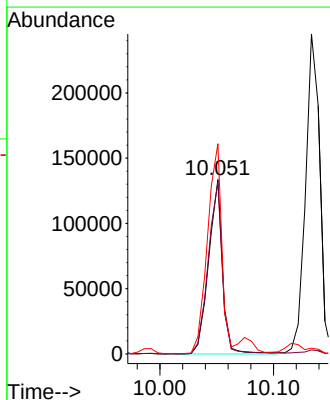
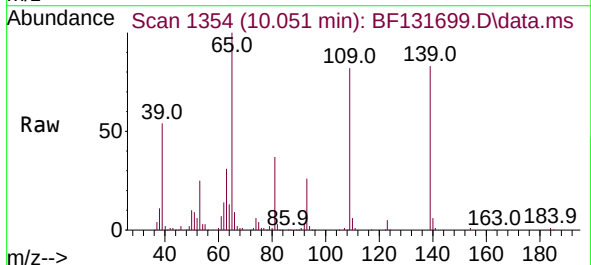
Manual Integrations
APPROVED

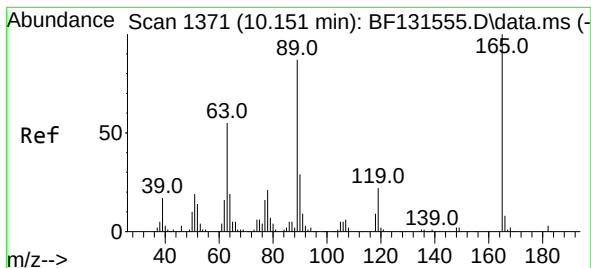
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#56
4-Nitrophenol
Concen: 81.219 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

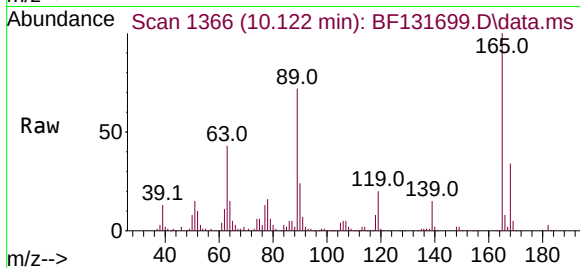
Tgt Ion:139 Resp: 113331
Ion Ratio Lower Upper
139 100
109 98.7 110.2 150.2#
65 120.7 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 46.576 ng
RT: 10.122 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

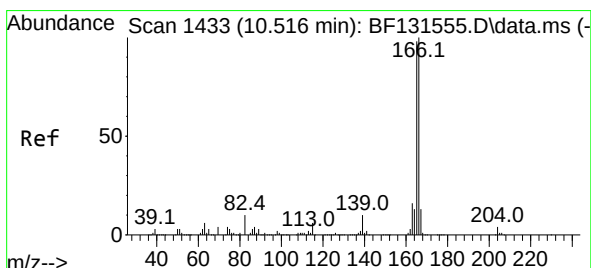
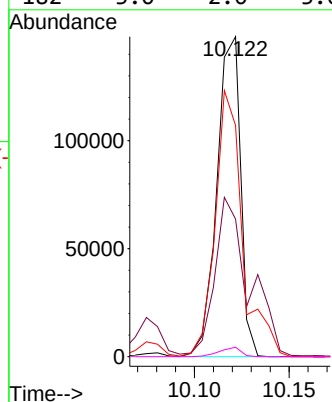
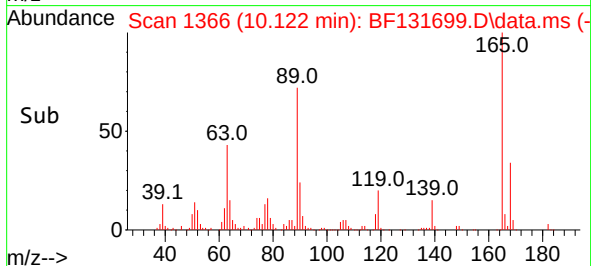
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



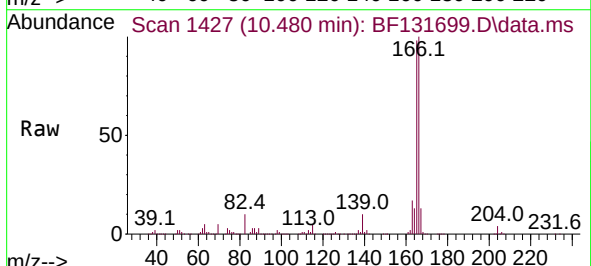
Tgt Ion:165 Resp: 129345
Ion Ratio Lower Upper
165 100
63 43.0 44.4 66.6
89 72.3 69.6 104.4
182 3.0 2.0 3.0

Manual Integrations
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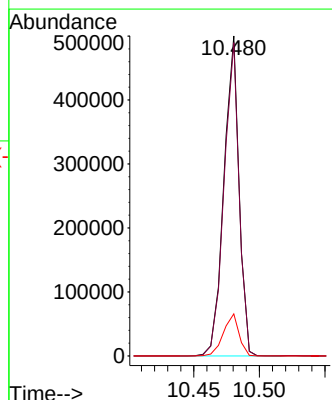
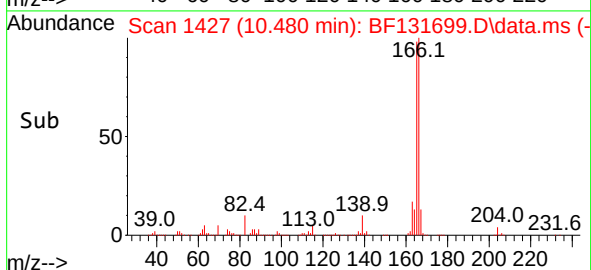
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

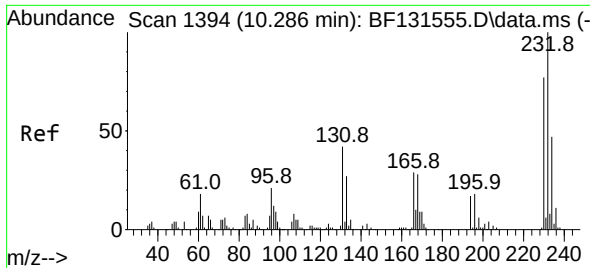


#58
Fluorene
Concen: 41.549 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



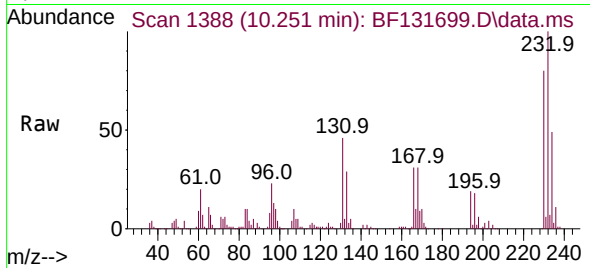
Tgt Ion:166 Resp: 402270
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.449 ng m
RT: 10.251 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

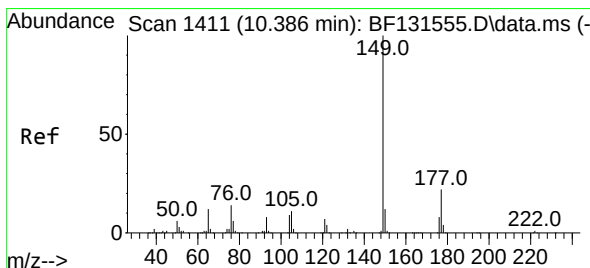
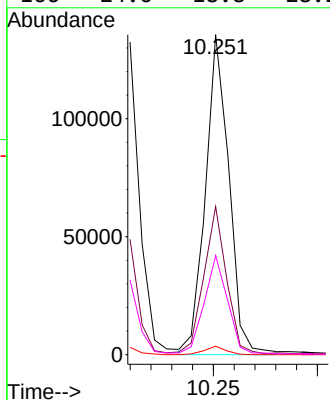
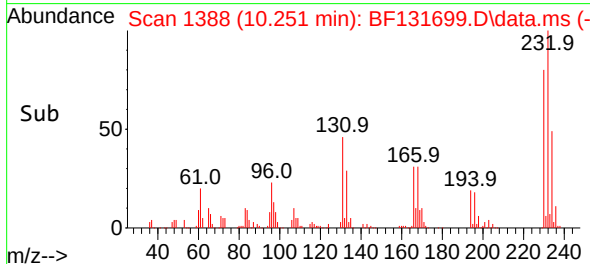
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



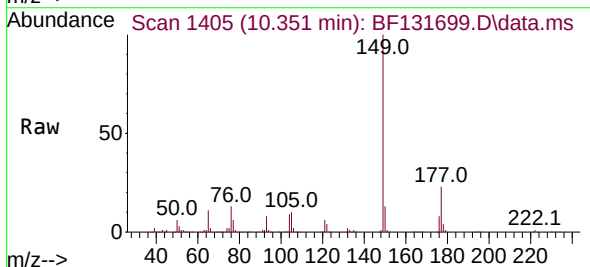
Tgt Ion:232 Resp: 106648
Ion Ratio Lower Upper
232 100
131 39.3 31.0 46.6
130 2.4 1.8 2.8
166 24.6 18.8 28.2

Manual Integrations
APPROVED

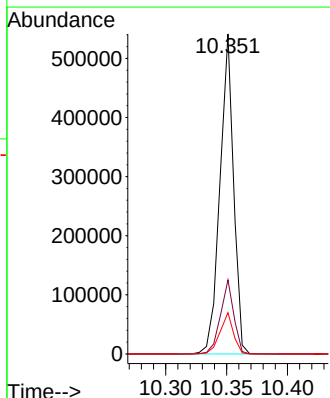
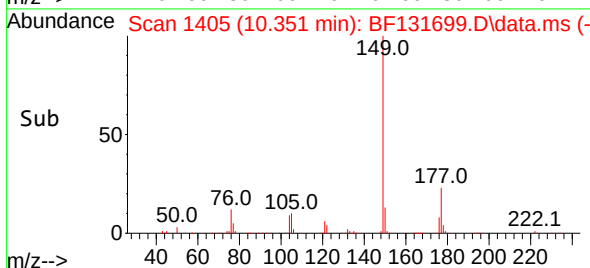
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

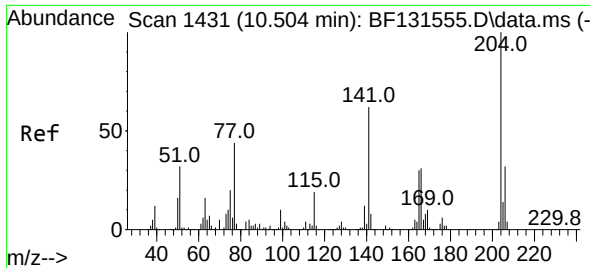


#60
Diethylphthalate
Concen: 43.409 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



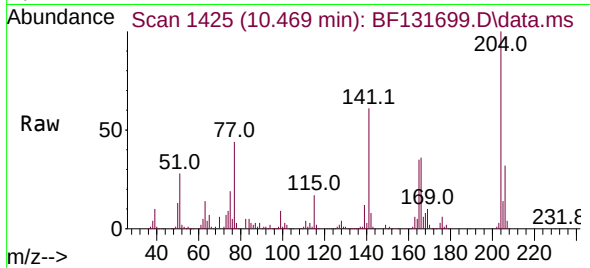
Tgt Ion:149 Resp: 422425
Ion Ratio Lower Upper
149 100
177 23.1 17.4 26.2
150 12.9 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.421 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

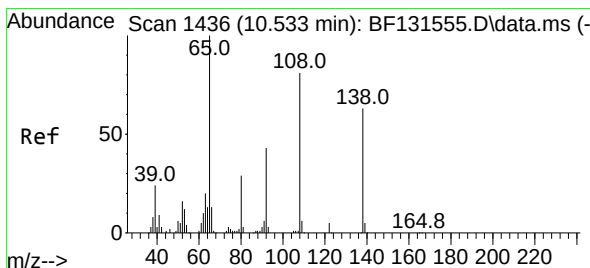
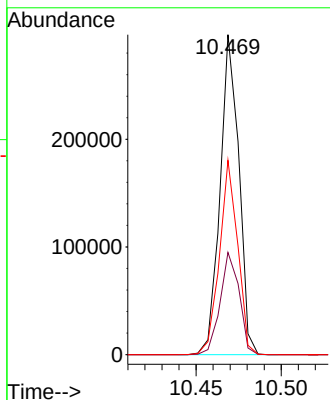
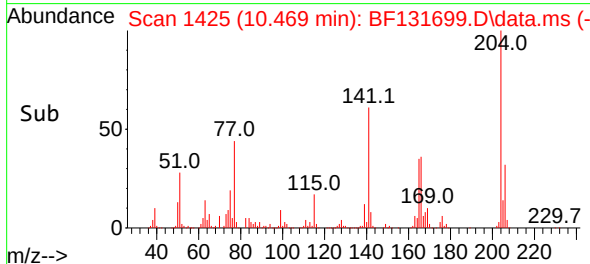
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion:204 Resp: 226970
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.2
141 60.7 49.5 74.3

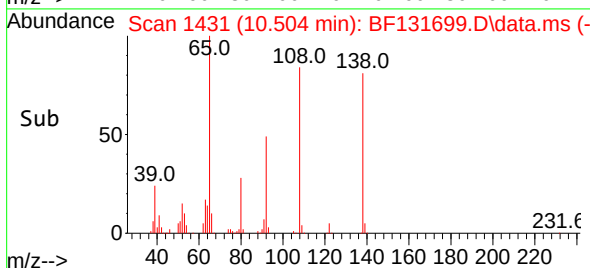
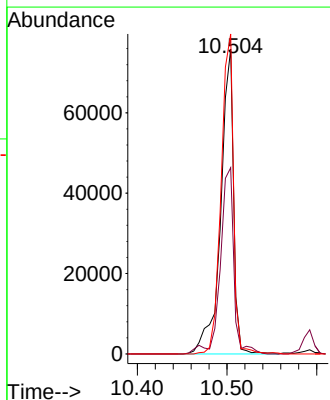
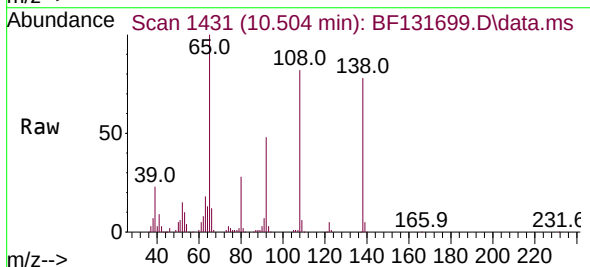
Manual Integrations
APPROVED

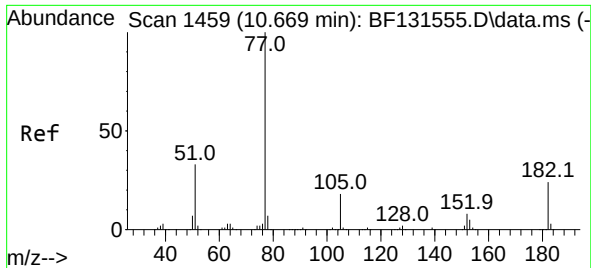
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#62
4-Nitroaniline
Concen: 38.303 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

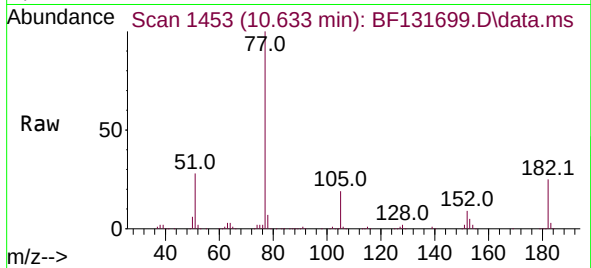
Tgt Ion:138 Resp: 76240
Ion Ratio Lower Upper
138 100
92 61.1 47.5 87.5
108 104.9 108.8 148.8#





#63
Azobenzene
Concen: 41.312 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

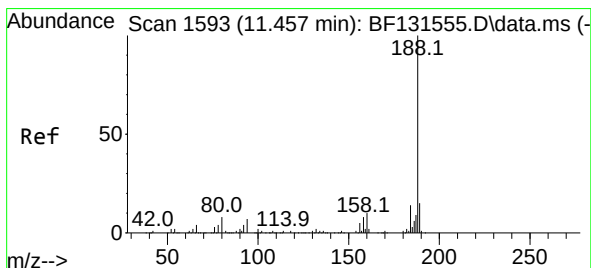
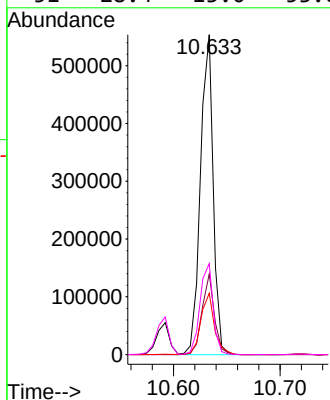
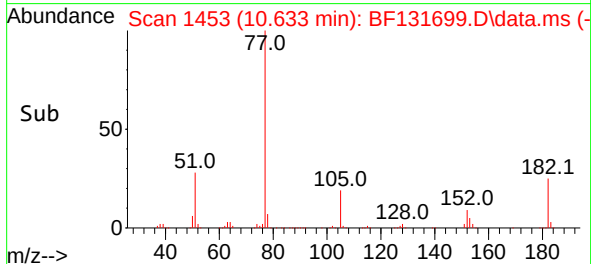
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



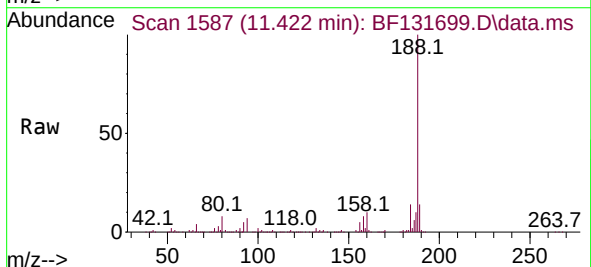
Tgt Ion: 77 Resp: 458529
Ion Ratio Lower Upper
77 100
182 25.2 3.9 43.9
105 19.2 0.0 38.3
51 28.4 13.0 53.0

Manual Integrations
APPROVED

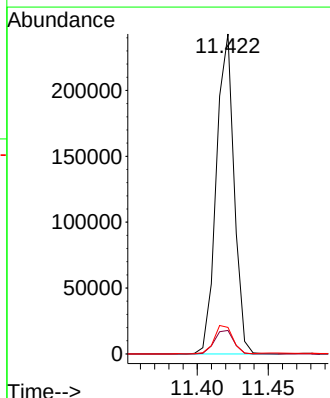
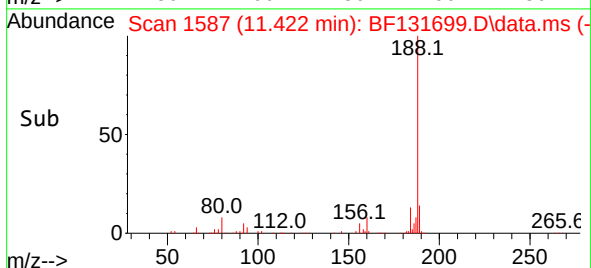
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

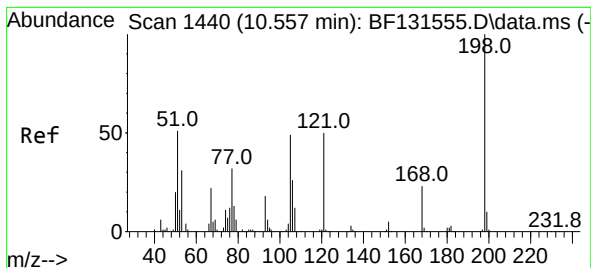


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:188 Resp: 211527
Ion Ratio Lower Upper
188 100
94 7.3 5.5 8.3
80 8.3 6.6 10.0





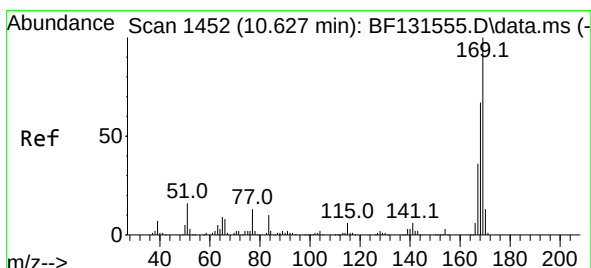
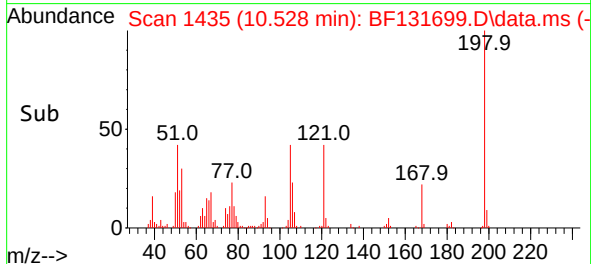
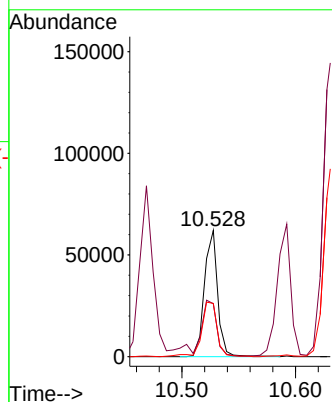
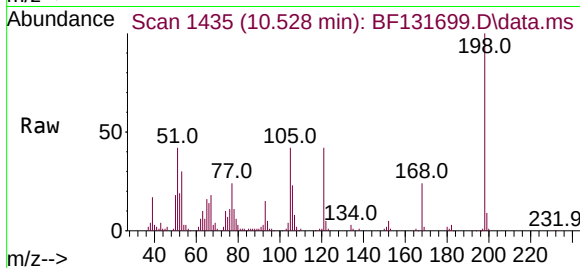
#65
4,6-Dinitro-2-methylphenol
Concen: 37.416 ng
RT: 10.528 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion:198 Resp: 50128
Ion Ratio Lower Upper
198 100
51 42.0 36.7 76.7
105 42.2 29.9 69.9

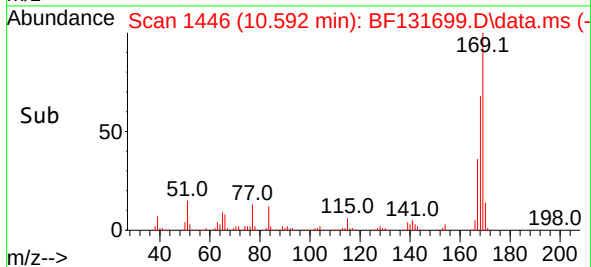
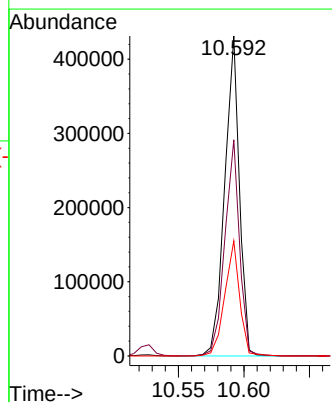
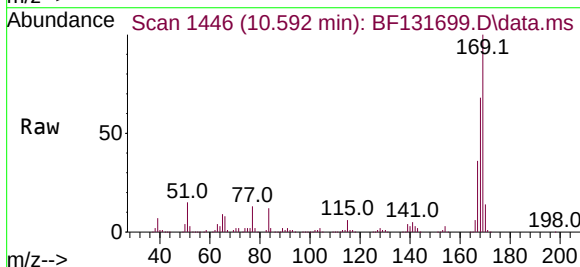
Manual Integrations
APPROVED

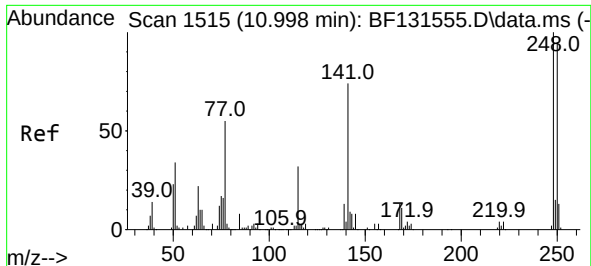
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#66
n-Nitrosodiphenylamine
Concen: 49.309 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

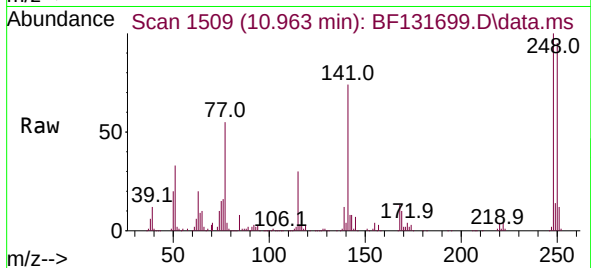
Tgt Ion:169 Resp: 337202
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 35.9 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 46.483 ng
RT: 10.963 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

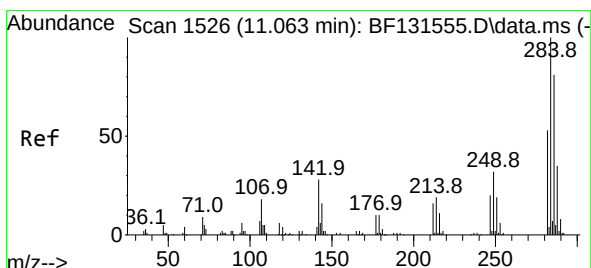
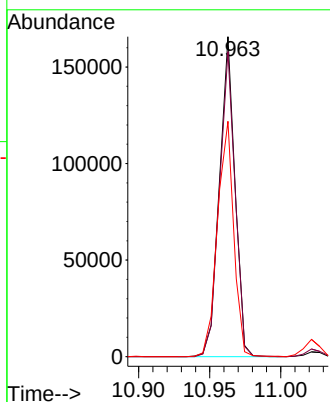
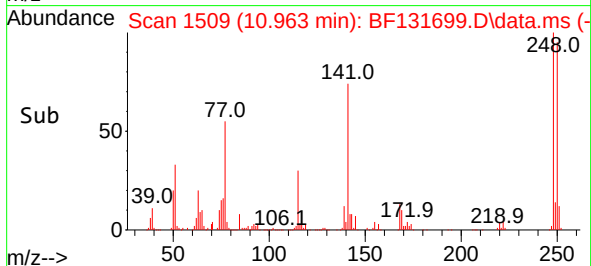
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



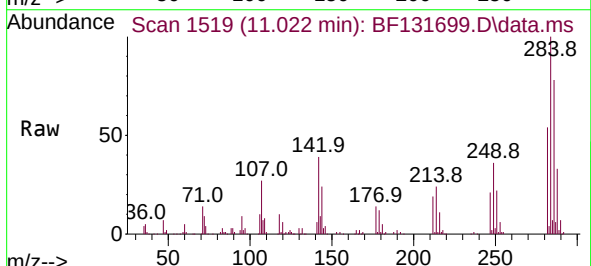
Tgt Ion:248 Resp: 126486
Ion Ratio Lower Upper
248 100
250 95.3 76.2 114.2
141 73.5 59.5 89.3

Manual Integrations
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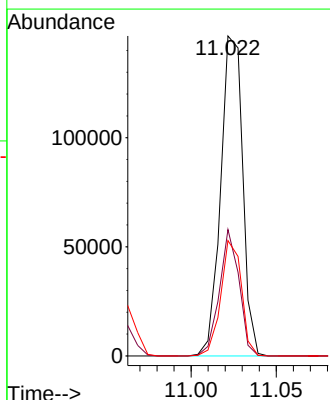
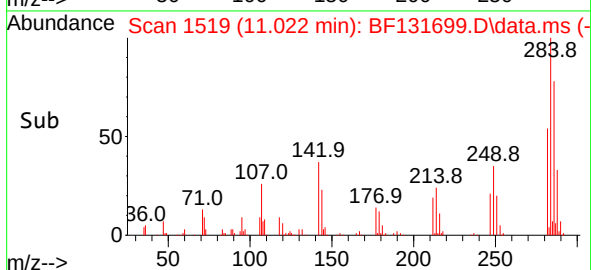
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

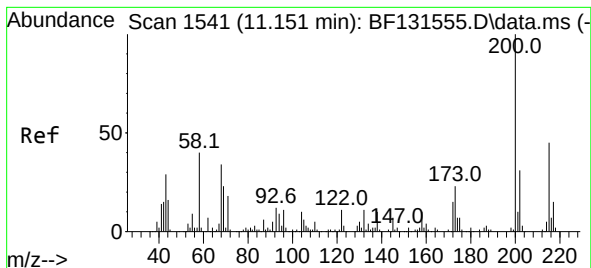


#68
Hexachlorobenzene
Concen: 44.753 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:284 Resp: 131723
Ion Ratio Lower Upper
284 100
142 39.5 22.3 33.5#
249 36.0 25.4 38.2





#69

Atrazine

Concen: 54.265 ng

RT: 11.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD

Tgt Ion:200 Resp: 11784

Ion Ratio Lower Upper

200 100

173 23.0 3.4 43.4

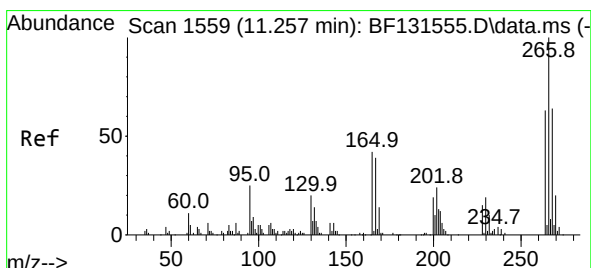
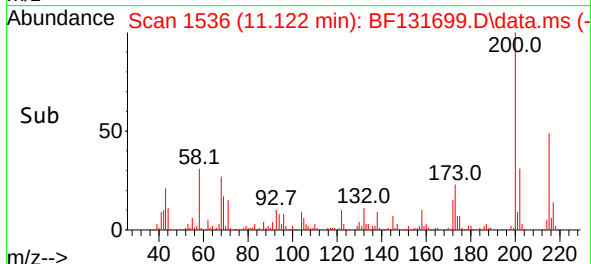
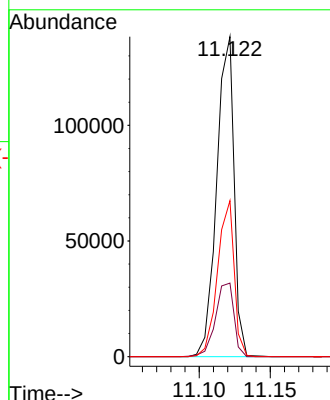
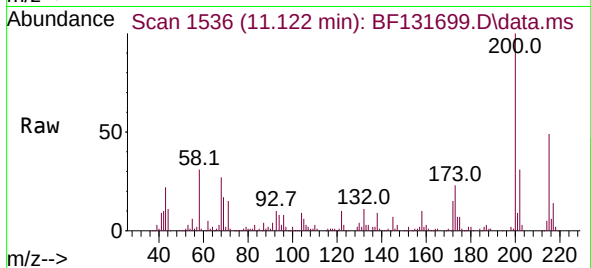
215 48.7 25.0 65.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#70

Pentachlorophenol

Concen: 80.093 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.000 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

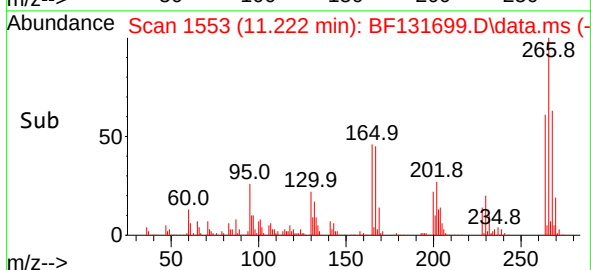
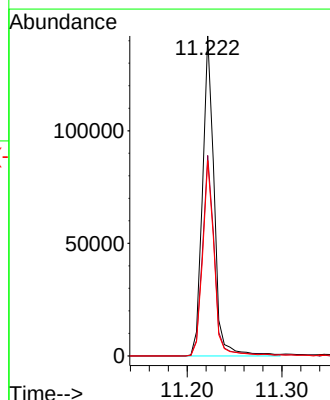
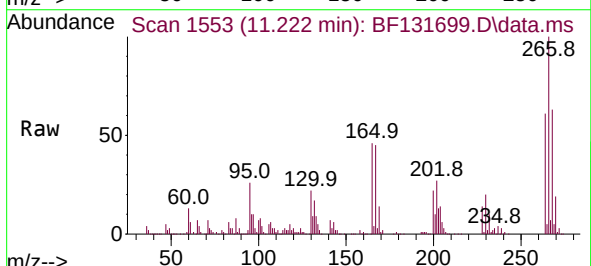
Tgt Ion:266 Resp: 121362

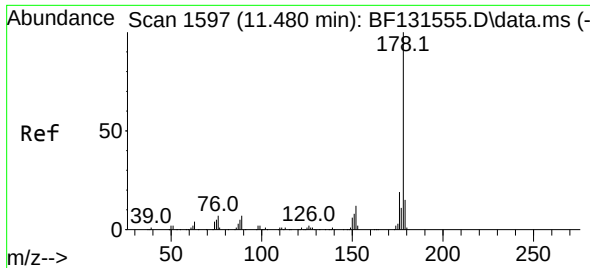
Ion Ratio Lower Upper

266 100

268 62.6 51.5 77.3

264 61.0 50.7 76.1





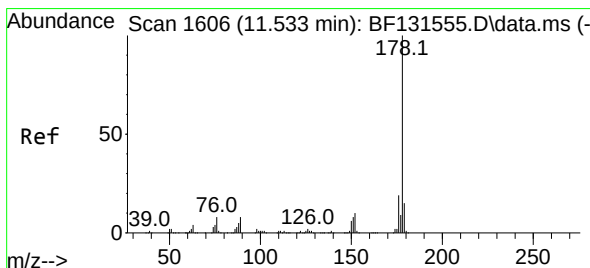
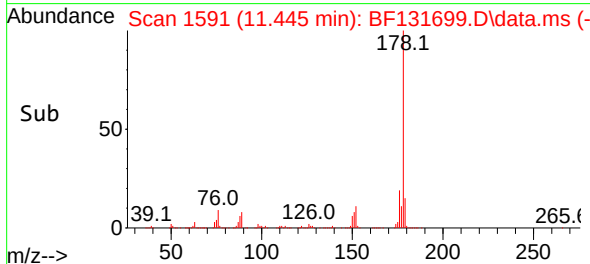
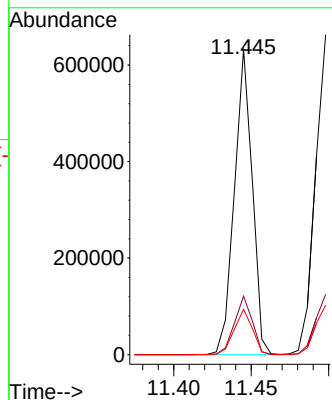
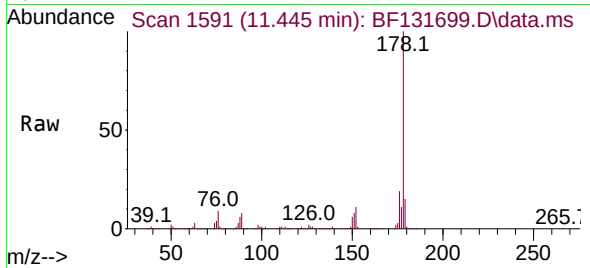
#71
Phenanthrene
Concen: 43.220 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion:178 Resp: 509580
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.8 12.2 18.4

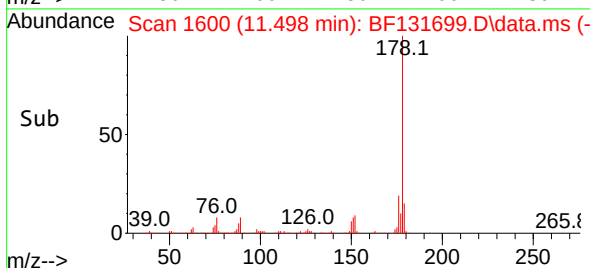
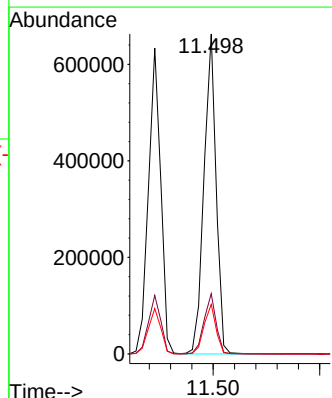
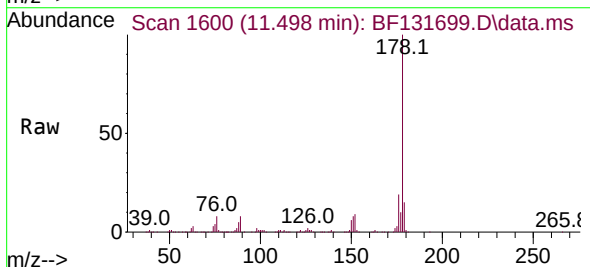
Manual Integrations
APPROVED

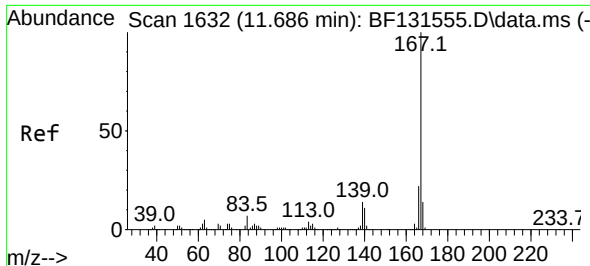
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#72
Anthracene
Concen: 45.511 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

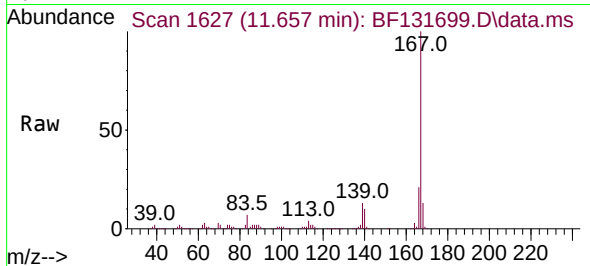
Tgt Ion:178 Resp: 522050
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.3 18.5





#73
Carbazole
Concen: 44.330 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

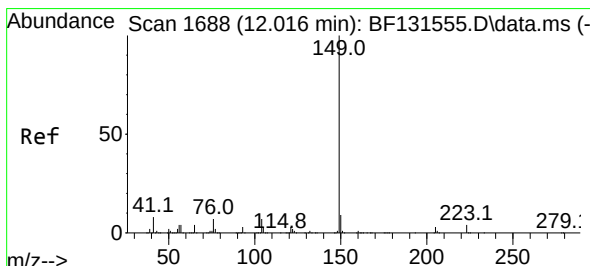
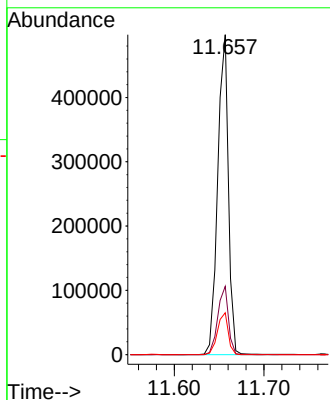
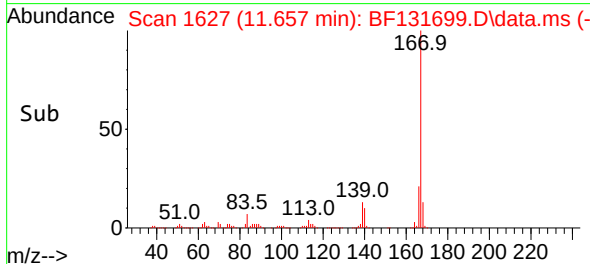
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



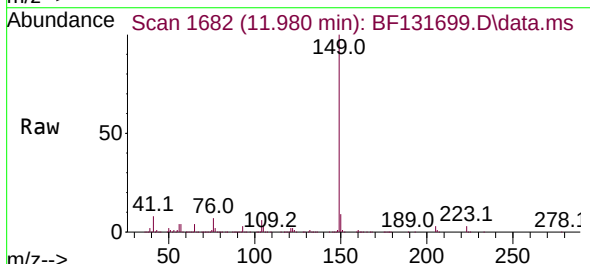
Tgt Ion:167 Resp: 415060
Ion Ratio Lower Upper
167 100
166 21.3 17.4 26.0
139 13.1 11.0 16.4

Manual Integrations
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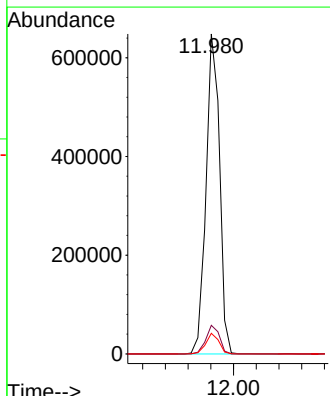
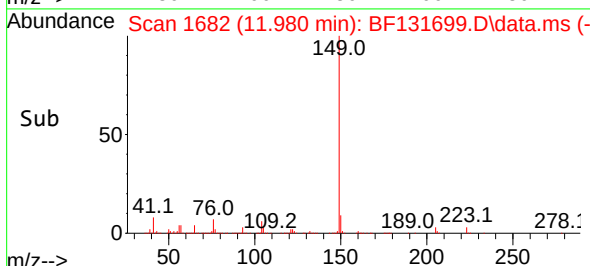
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

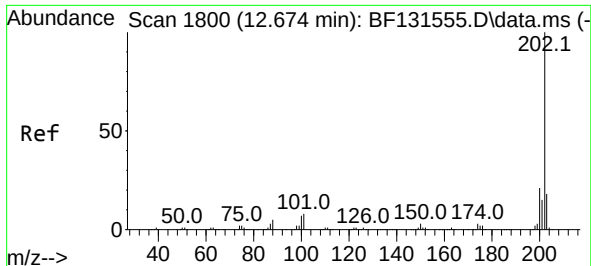


#74
Di-n-butylphthalate
Concen: 46.702 ng
RT: 11.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



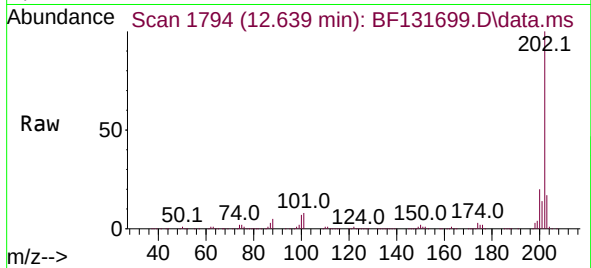
Tgt Ion:149 Resp: 536457
Ion Ratio Lower Upper
149 100
150 8.9 7.2 10.8
104 6.4 5.2 7.8





#75
Fluoranthene
Concen: 40.330 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

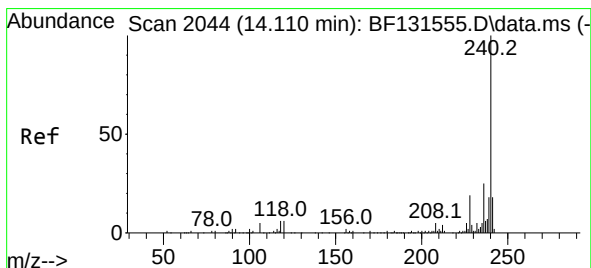
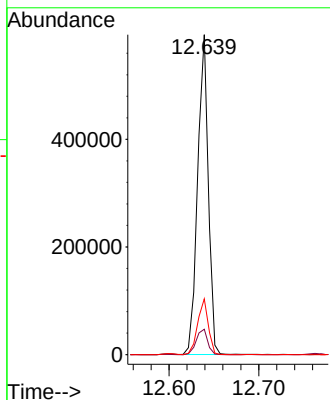
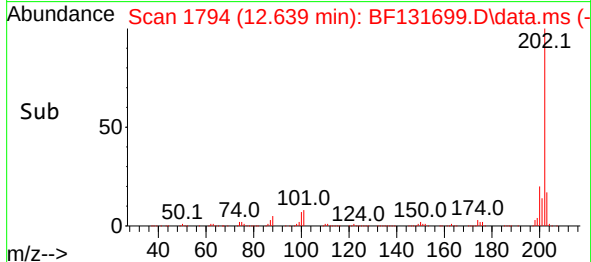
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



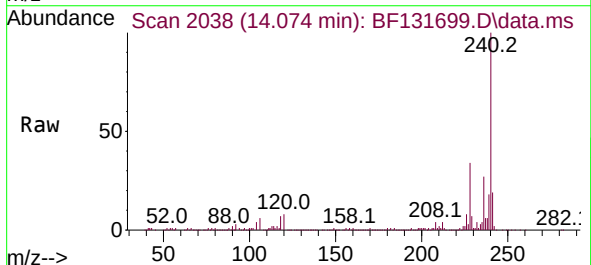
Tgt Ion:202 Resp: 48963
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.7
203 17.4 0.0 37.7

Manual Integrations
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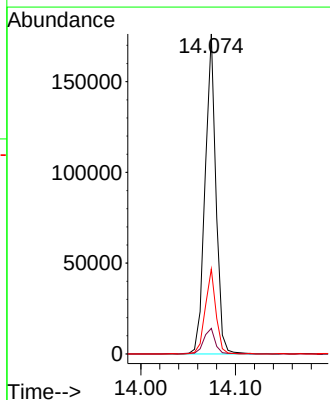
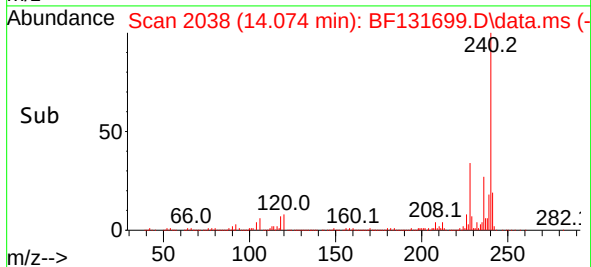
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

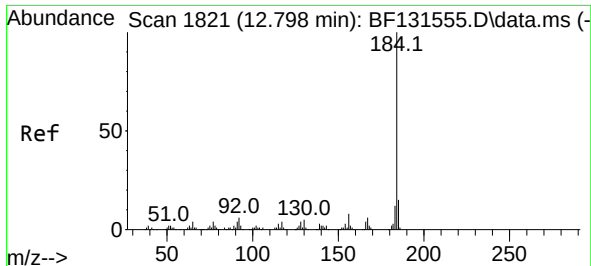


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



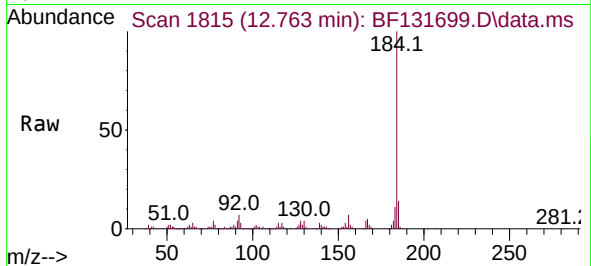
Tgt Ion:240 Resp: 140450
Ion Ratio Lower Upper
240 100
120 8.0 4.6 7.0#
236 26.5 20.2 30.2





#77
Benzidine
Concen: 61.716 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

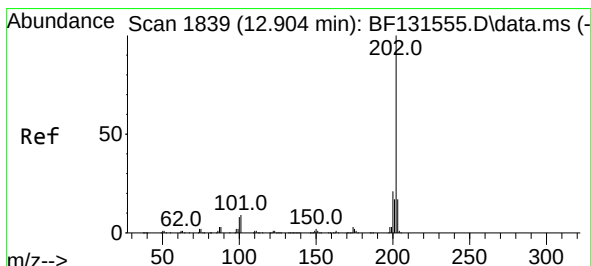
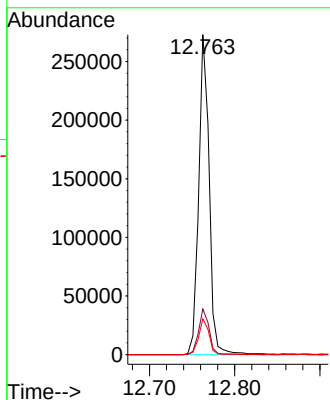
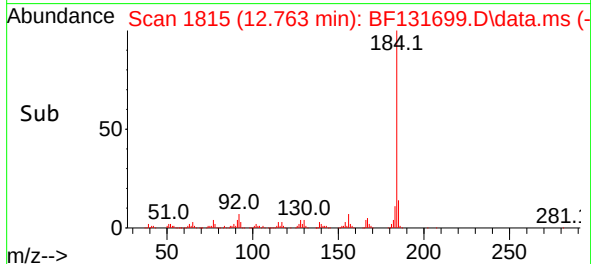
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



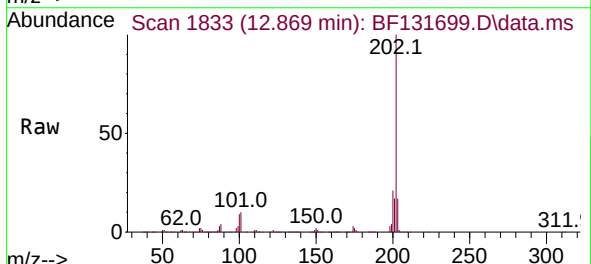
Tgt Ion:184 Resp: 232250
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 11.2 9.3 13.9

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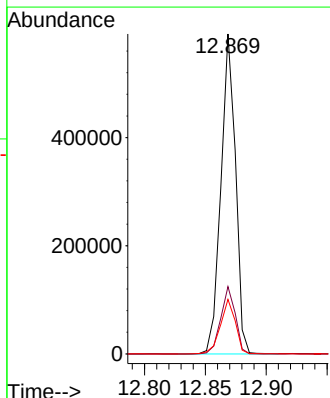
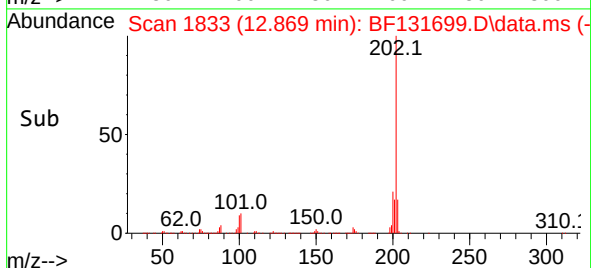
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

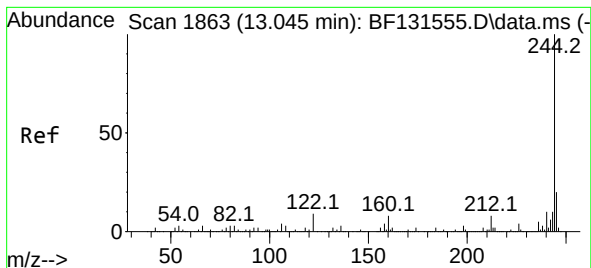


#78
Pyrene
Concen: 35.671 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:202 Resp: 494018
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 56.256 ng

RT: 13.010 min Scan# 1863

Delta R.T. 0.000 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD

Tgt Ion:244 Resp: 576138

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

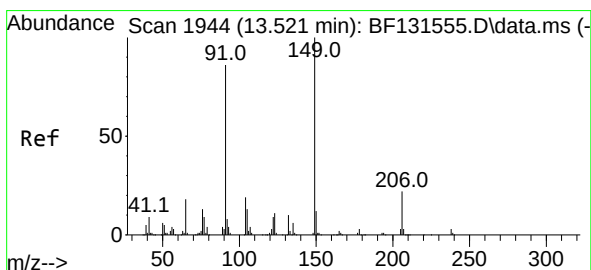
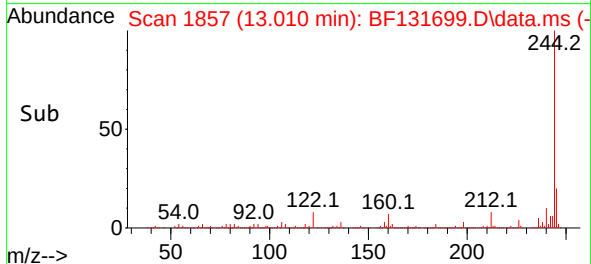
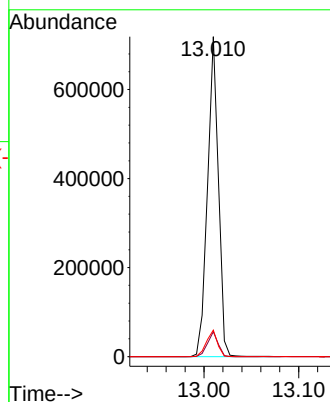
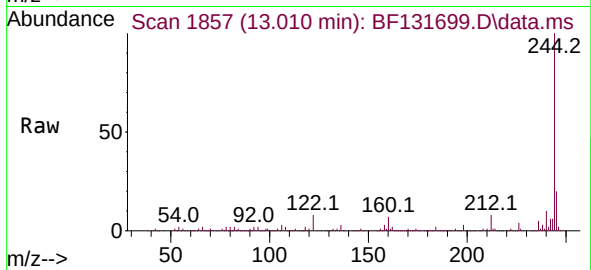
122 8.3 7.1 10.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#80

Butylbenzylphthalate

Concen: 45.898 ng

RT: 13.486 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

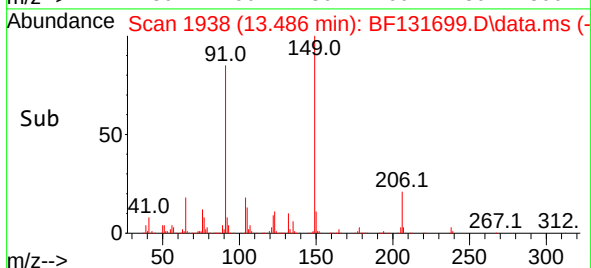
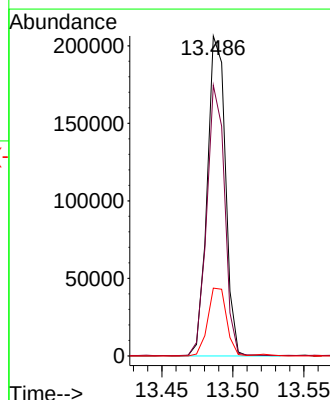
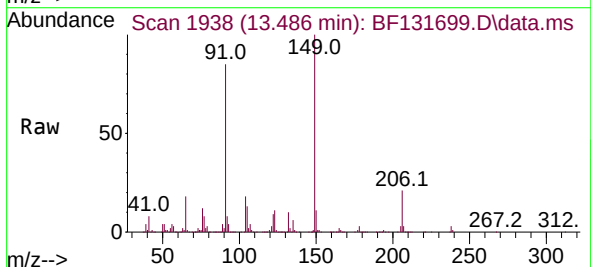
Tgt Ion:149 Resp: 183951

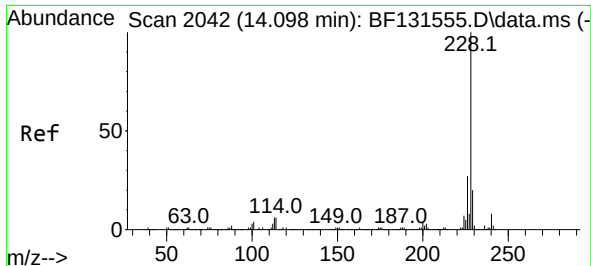
Ion Ratio Lower Upper

149 100

91 84.6 69.0 103.4

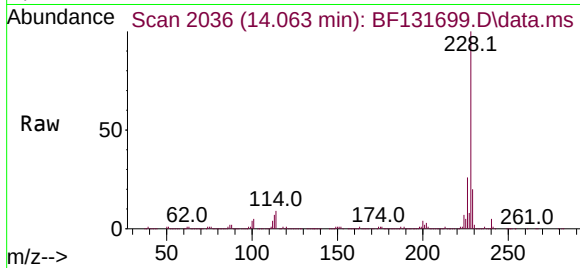
206 21.2 17.8 26.8





#81
Benzo(a)anthracene
Concen: 45.837 ng
RT: 14.063 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

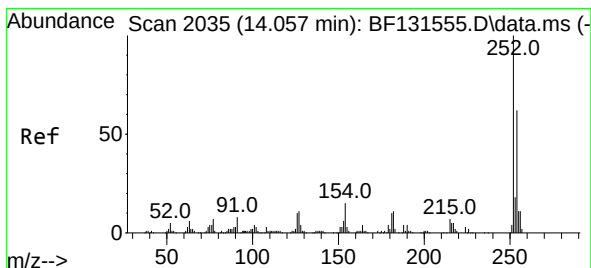
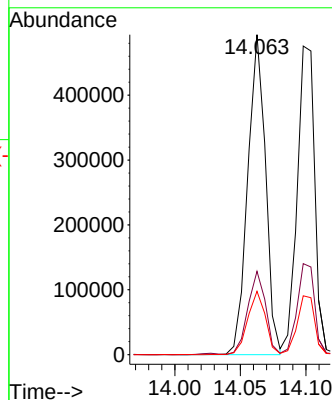
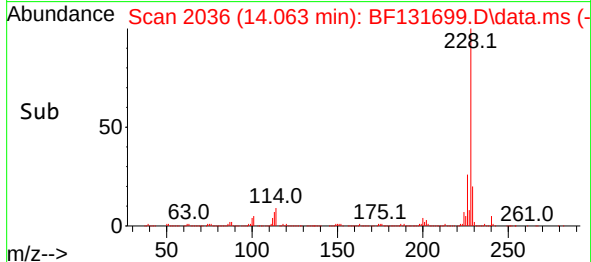
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



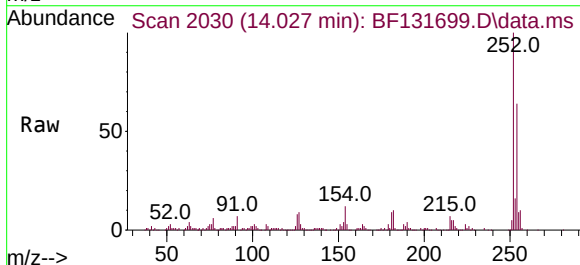
Tgt Ion:228 Resp: 464908
Ion Ratio Lower Upper
228 100
226 26.0 21.5 32.3
229 19.8 15.8 23.6

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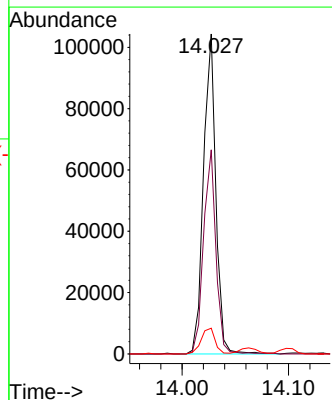
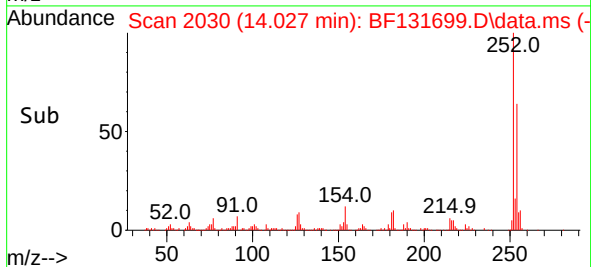
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

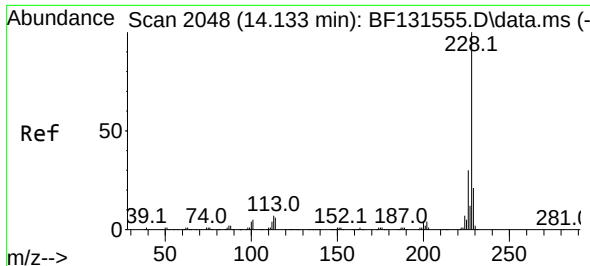


#82
3,3'-Dichlorobenzidine
Concen: 28.926 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



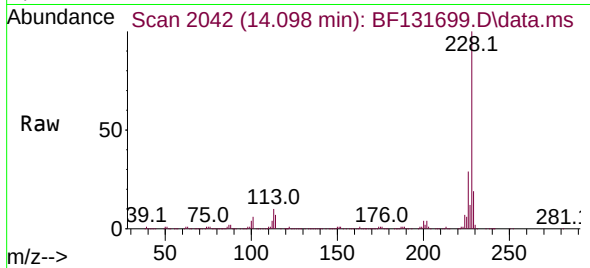
Tgt Ion:252 Resp: 83473
Ion Ratio Lower Upper
252 100
254 63.8 49.6 74.4
126 8.0 7.9 11.9





#83
Chrysene
Concen: 46.409 ng
RT: 14.098 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

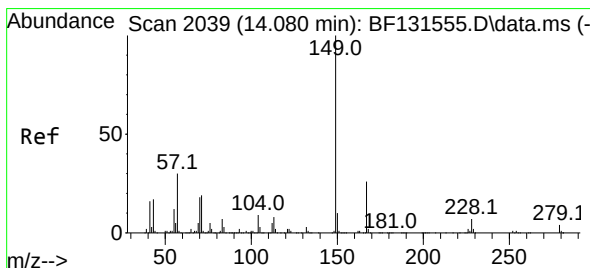
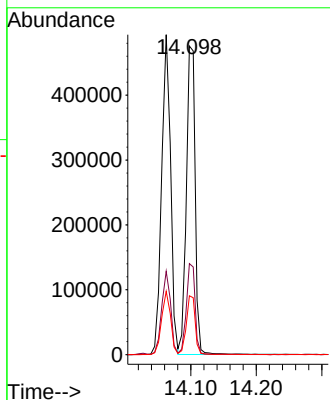
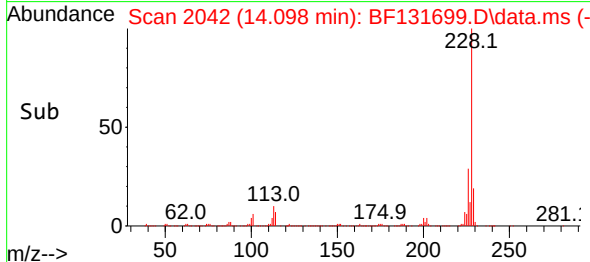
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



Tgt Ion:228 Resp: 447505
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 19.1 16.7 25.1

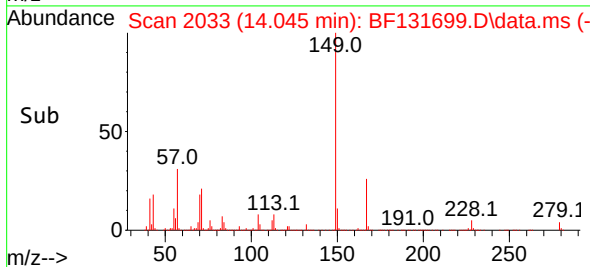
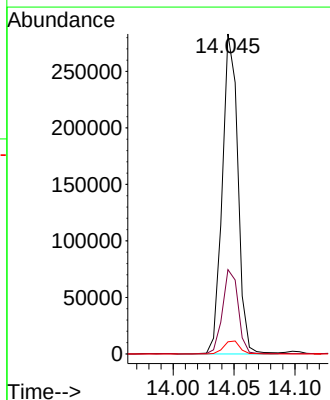
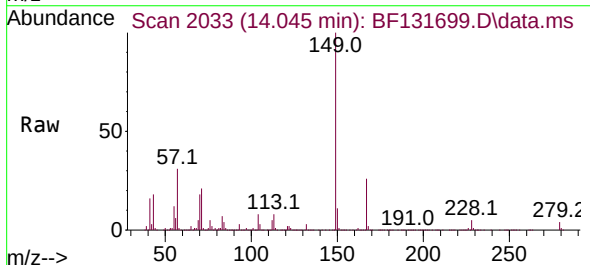
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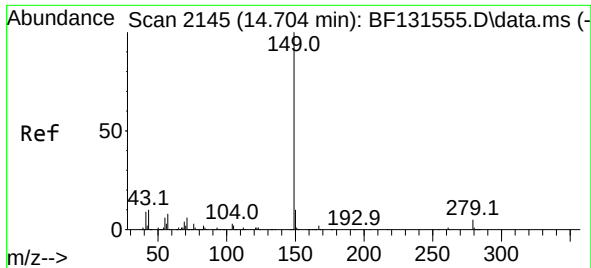
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.356 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Tgt Ion:149 Resp: 252497
Ion Ratio Lower Upper
149 100
167 26.3 20.8 31.2
279 3.8 3.3 4.9





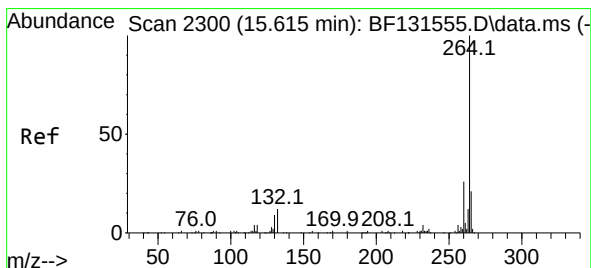
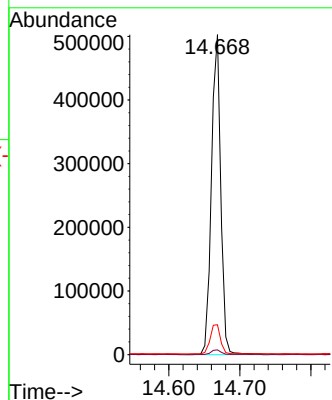
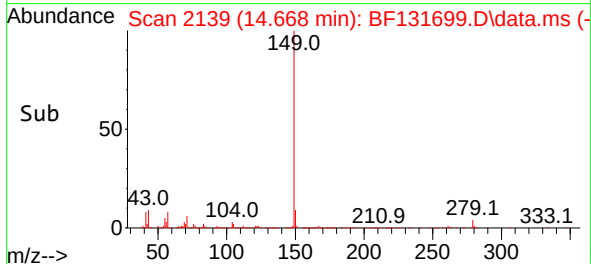
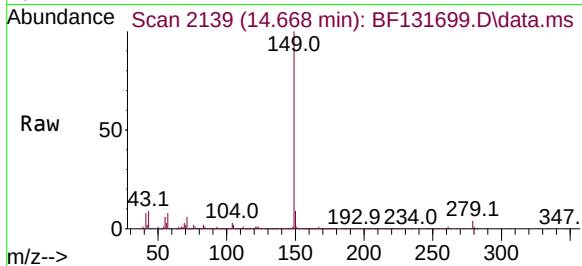
#85
Di-n-octyl phthalate
Concen: 50.949 ng
RT: 14.668 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Tgt Ion:149 Resp: 459042
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.9 8.6 13.0

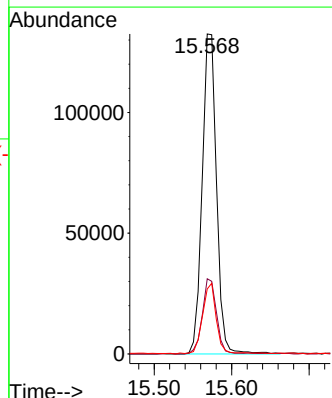
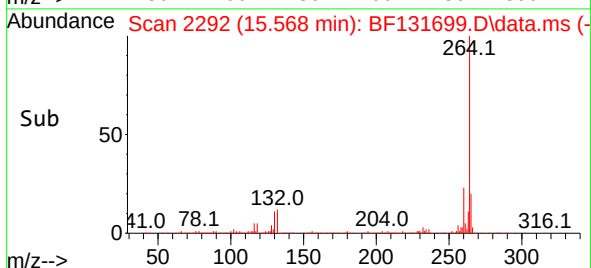
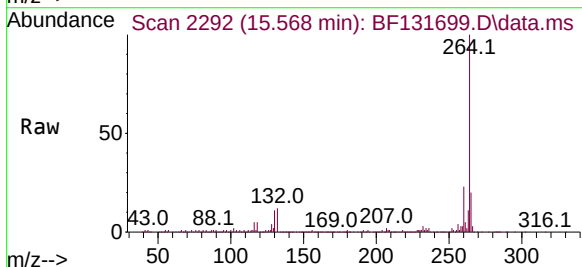
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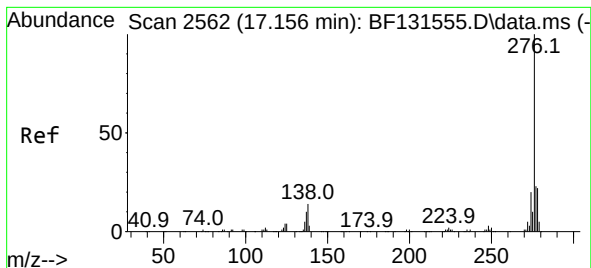
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

Tgt Ion:264 Resp: 170190
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 20.3 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.104 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

Instrument :

BNA_F

ClientSampleId :

MH-23MSD

Tgt Ion:276 Resp: 543125

Ion Ratio Lower Upper

276 100

138 18.0 12.7 19.1

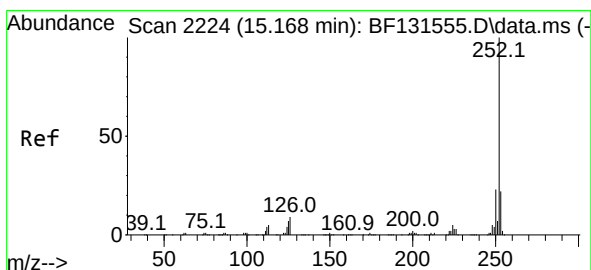
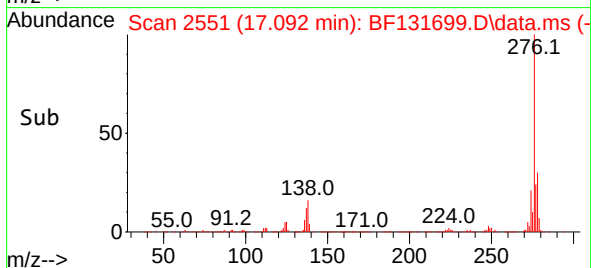
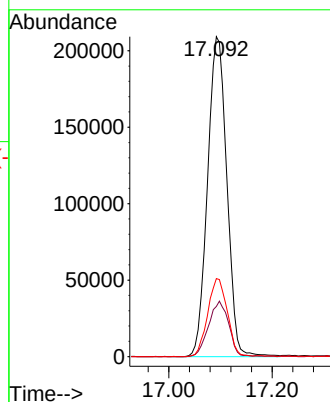
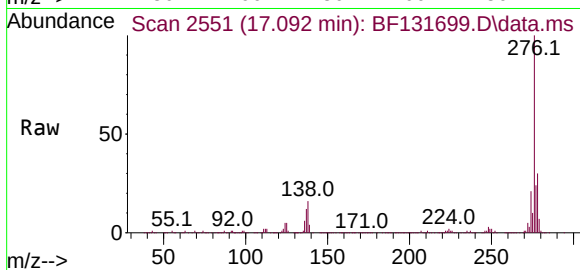
277 24.8 20.0 30.0

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Reviewed By :Christian Giraldo 12/20/2022

Supervised By :Jagrut Upadhyay 12/20/2022



#88

Benzo(b)fluoranthene

Concen: 44.479 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF131699.D

Acq: 19 Dec 2022 20:41

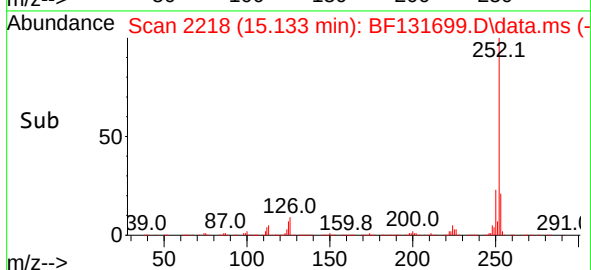
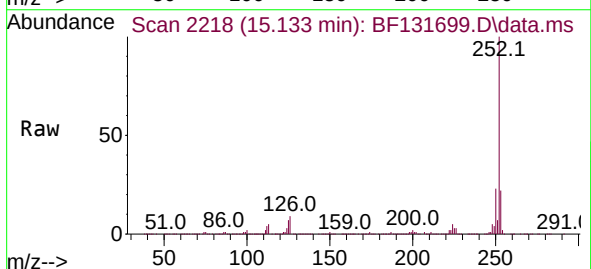
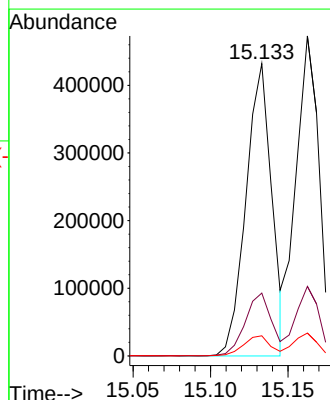
Tgt Ion:252 Resp: 498914

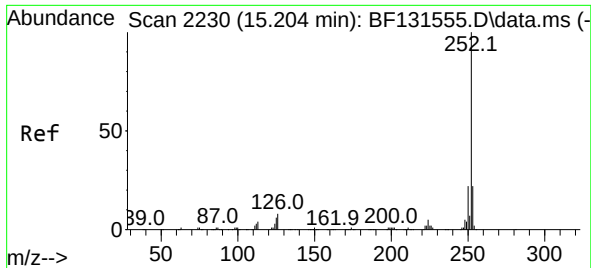
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

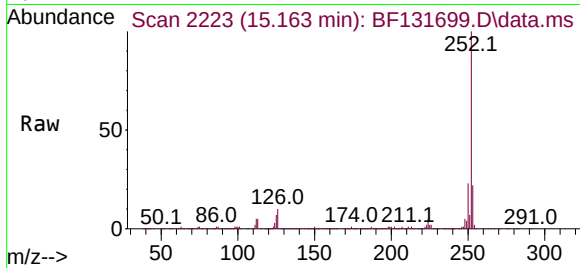
125 6.9 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 42.768 ng
RT: 15.163 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

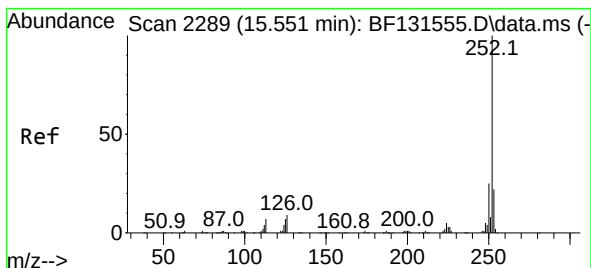
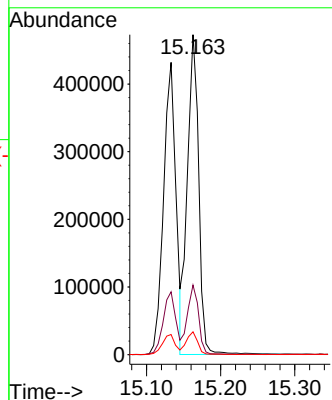
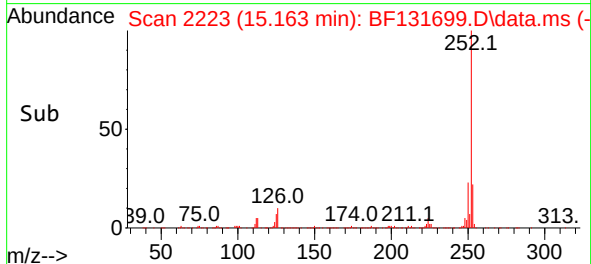
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



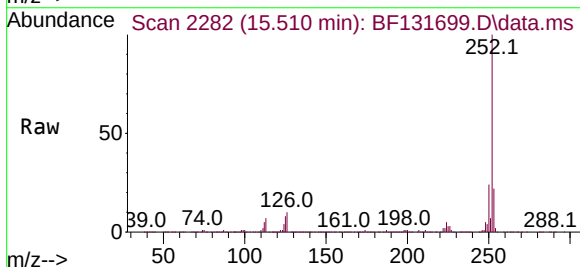
Tgt Ion:252 Resp: 500715
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.1 4.9 7.3

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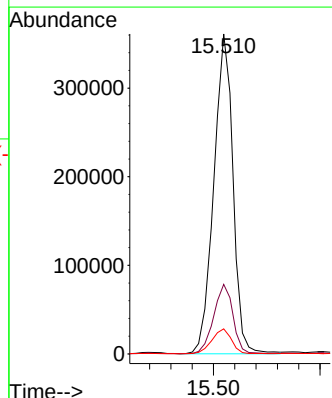
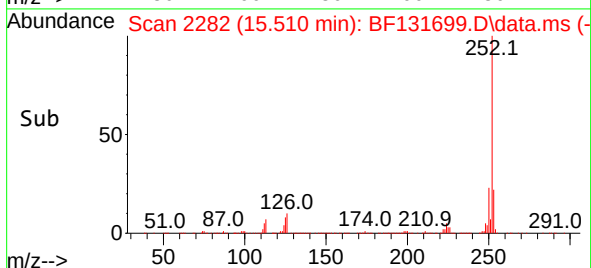
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

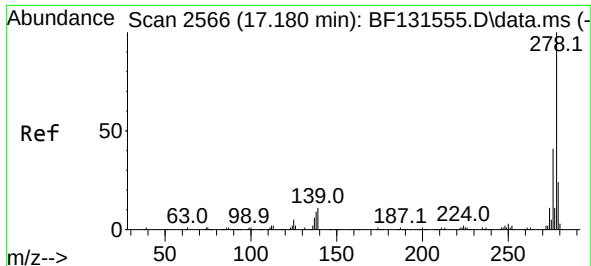


#90
Benzo(a)pyrene
Concen: 47.197 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



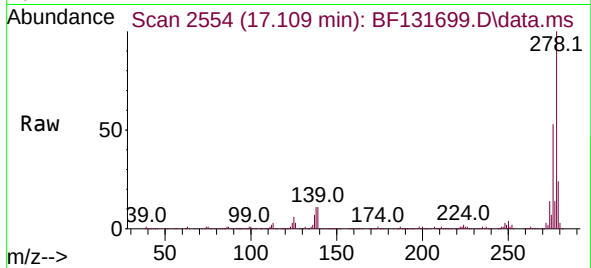
Tgt Ion:252 Resp: 451798
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.8 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 40.130 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41

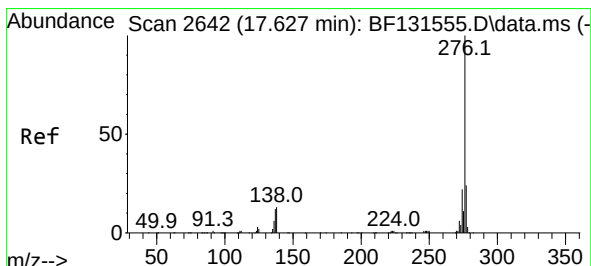
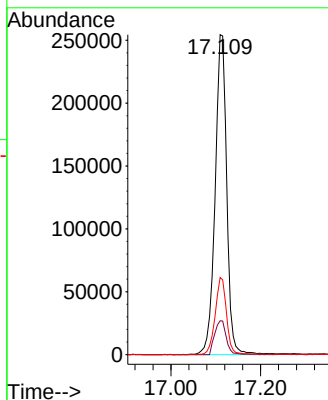
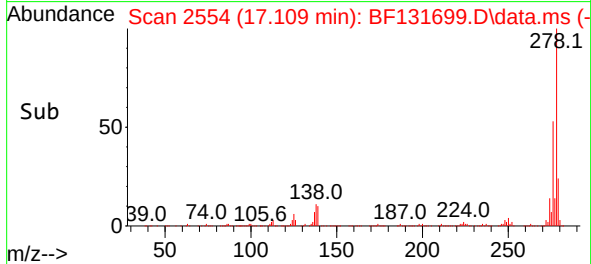
Instrument :
BNA_F
ClientSampleId :
MH-23MSD



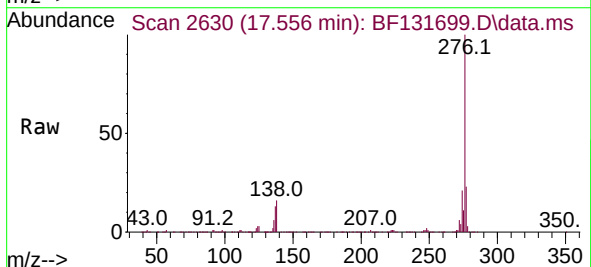
Tgt Ion:278 Resp: 458731
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 24.1 19.0 28.6

Manual Integrations
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Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#92
Benzo(g,h,i)perylene
Concen: 37.111 ng
RT: 17.556 min Scan# 2630
Delta R.T. 0.000 min
Lab File: BF131699.D
Acq: 19 Dec 2022 20:41



Tgt Ion:276 Resp: 426356
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 15.7 10.7 16.1

