

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129917.D
 Acq On : 19 Aug 2022 19:18
 Operator : CG\JU
 Sample : N4217-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 07:51:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	139347	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	566176	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	301902	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	508171	20.000	ng	0.00
76) Chrysene-d12	13.963	240	287530	20.000	ng	0.00
86) Perylene-d12	15.421	264	252773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1034303	122.894	ng	0.01
7) Phenol-d6	6.451	99	1289128	122.315	ng	0.00
23) Nitrobenzene-d5	7.357	82	827649	78.254	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	350090	115.540	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1452652	73.080	ng	0.00
79) Terphenyl-d14	12.898	244	1420253	82.190	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	164061	47.250	ng	98
3) Pyridine	3.328	79	423389	46.595	ng	98
4) n-Nitrosodimethylamine	3.299	42	232687	55.566	ng	98
6) Aniline	6.457	93	510014	42.458	ng	98
8) 2-Chlorophenol	6.587	128	508578	54.282	ng	99
9) Benzaldehyde	6.346	77	294704	54.680	ng	99
10) Phenol	6.463	94	610479	52.805	ng	82
11) bis(2-Chloroethyl)ether	6.528	93	473403	53.924	ng	98
12) 1,3-Dichlorobenzene	6.728	146	522564	51.664	ng	98
13) 1,4-Dichlorobenzene	6.804	146	528708	51.157	ng	98
14) 1,2-Dichlorobenzene	6.957	146	503497	52.455	ng	98
15) Benzyl Alcohol	6.946	79	438973	55.172	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	620450	52.743	ng	90
17) 2-Methylphenol	7.063	107	402110	53.451	ng	100
18) Hexachloroethane	7.293	117	203396	52.407	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	357737	53.699	ng	99
20) 3+4-Methylphenols	7.216	107	520960	51.589	ng	95
22) Acetophenone	7.204	105	713950	51.746	ng	99
24) Nitrobenzene	7.381	77	529930	49.689	ng	99
25) Isophorone	7.616	82	964329	52.974	ng	99
26) 2-Nitrophenol	7.693	139	275109	52.444	ng	98
27) 2,4-Dimethylphenol	7.734	122	435174	57.845	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	589732	55.485	ng	98
29) 2,4-Dichlorophenol	7.945	162	418442	50.866	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	421107	48.524	ng	97
31) Naphthalene	8.092	128	1450568	49.000	ng	100
32) Benzoic acid	7.893	122	192053	54.398	ng	91
33) 4-Chloroaniline	8.151	127	407858	35.035	ng	99
34) Hexachlorobutadiene	8.198	225	256199	48.483	ng	100
35) Caprolactam	8.540	113	124923m	48.833	ng	
36) 4-Chloro-3-methylphenol	8.651	107	455149	51.286	ng	100
37) 2-Methylnaphthalene	8.781	142	952784	49.038	ng	99
38) 1-Methylnaphthalene	8.881	142	900130	47.670	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	420630	50.094	ng	99
41) Hexachlorocyclopentadiene	8.928	237	289183	95.164	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	269476	49.394	ng	98

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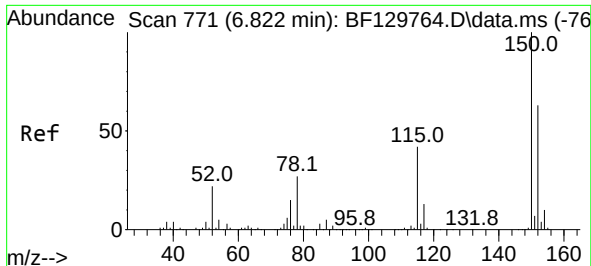
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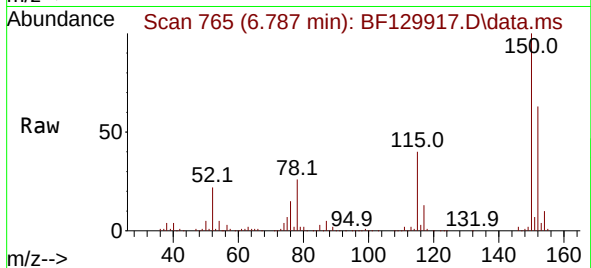
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	289181	49.268	ng	99
46) 1,1'-Biphenyl	9.251	154	1153700	50.302	ng	99
47) 2-Chloronaphthalene	9.275	162	892538	49.184	ng	98
48) 2-Nitroaniline	9.387	65	291271	50.790	ng	94
49) Acenaphthylene	9.692	152	1330570	48.352	ng	100
50) Dimethylphthalate	9.557	163	1038319	47.976	ng	99
51) 2,6-Dinitrotoluene	9.628	165	233414	49.718	ng	94
52) Acenaphthene	9.863	154	810449	48.543	ng	100
53) 3-Nitroaniline	9.798	138	157768	30.388	ng	94
54) 2,4-Dinitrophenol	9.922	184	217203	100.802	ng	# 89
55) Dibenzofuran	10.034	168	1207616	48.146	ng	97
56) 4-Nitrophenol	9.992	139	262172	113.507	ng	96
57) 2,4-Dinitrotoluene	10.039	165	298526	48.984	ng	95
58) Fluorene	10.381	166	994578	47.490	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	218942	50.828	ng	# 82
60) Diethylphthalate	10.251	149	1012213	46.906	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	452315	48.126	ng	99
62) 4-Nitroaniline	10.422	138	246757m	47.112	ng	
63) Azobenzene	10.528	77	990409	48.015	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	152411	51.089	ng	97
66) n-Nitrosodiphenylamine	10.492	169	856905	49.960	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	291458	48.968	ng	98
68) Hexachlorobenzene	10.928	284	324617	50.348	ng	96
69) Atrazine	11.022	200	274007	52.050	ng	96
70) Pentachlorophenol	11.133	266	230546	116.747	ng	96
71) Phenanthrene	11.345	178	1386729	48.861	ng	100
72) Anthracene	11.398	178	1399586	49.589	ng	100
73) Carbazole	11.557	167	1294840	50.539	ng	99
74) Di-n-butylphthalate	11.869	149	1565875	47.489	ng	99
75) Fluoranthene	12.533	202	1412032	48.620	ng	97
77) Benzidine	12.657	184	452493	68.346	ng	99
78) Pyrene	12.763	202	1390294	55.643	ng	99
80) Butylbenzylphthalate	13.369	149	560263	52.991	ng	94
81) Benzo(a)anthracene	13.957	228	990123	50.058	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	209353	34.176	ng	98
83) Chrysene	13.992	228	899783	48.598	ng	100
84) Bis(2-ethylhexyl)phtha...	13.922	149	675782	53.875	ng	97
85) Di-n-octyl phthalate	14.533	149	885383	51.132	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	964155	55.561	ng	100
88) Benzo(b)fluoranthene	14.998	252	838412	48.439	ng	99
89) Benzo(k)fluoranthene	15.027	252	806453	48.584	ng	99
90) Benzo(a)pyrene	15.363	252	732674	53.752	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	833804	58.233	ng	99
92) Benzo(g,h,i)perylene	17.333	276	852396	59.672	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

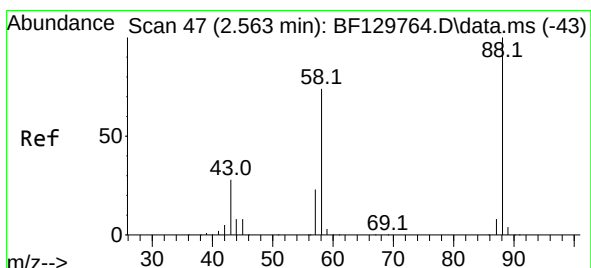
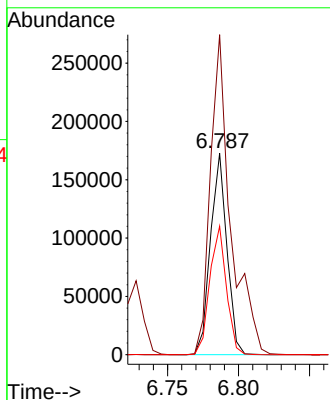
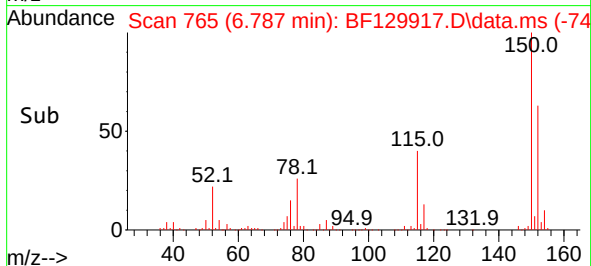
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:152 Resp: 13934
Ion Ratio Lower Upper
152 100
150 158.9 126.9 190.3
115 63.8 53.4 80.0

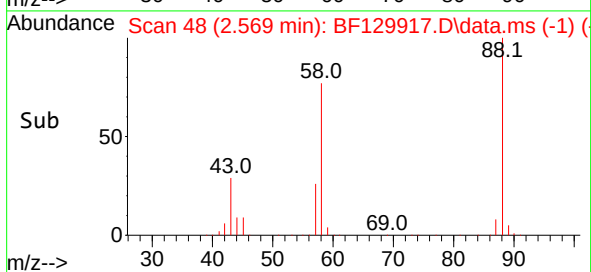
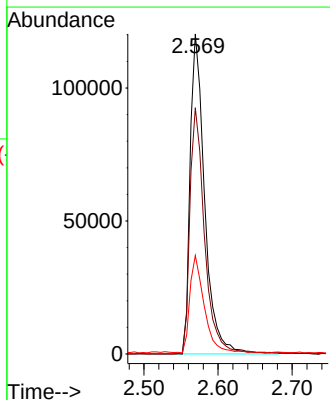
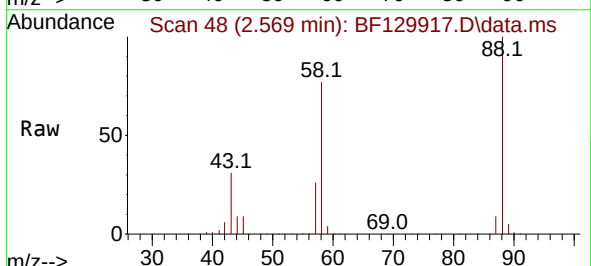
Manual Integrations
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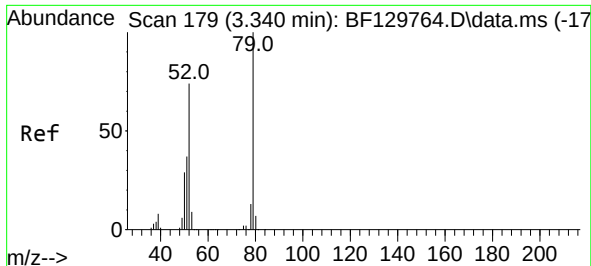
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#2
1,4-Dioxane
Concen: 47.250 ng
RT: 2.569 min Scan# 48
Delta R.T. 0.100 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

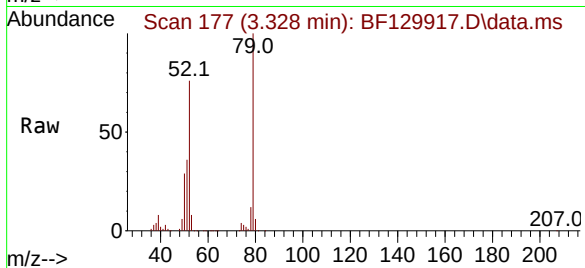
Tgt Ion: 88 Resp: 164061
Ion Ratio Lower Upper
88 100
58 77.7 60.9 91.3
43 30.3 23.6 35.4





#3
Pyridine
Concen: 46.595 ng
RT: 3.328 min Scan# 179
Delta R.T. 0.094 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

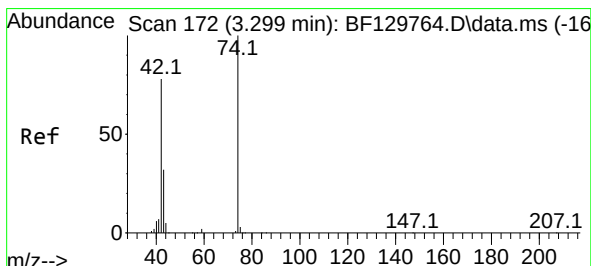
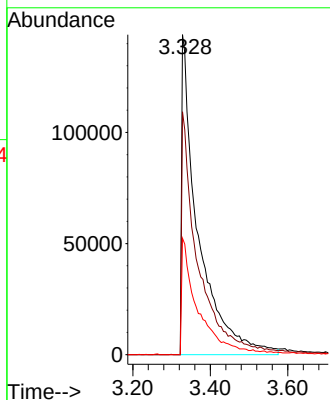
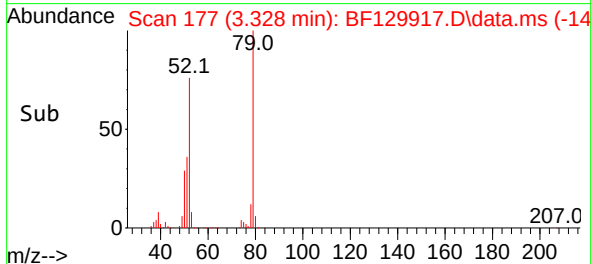
Instrument :
BNA_F
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TP3-0815MS



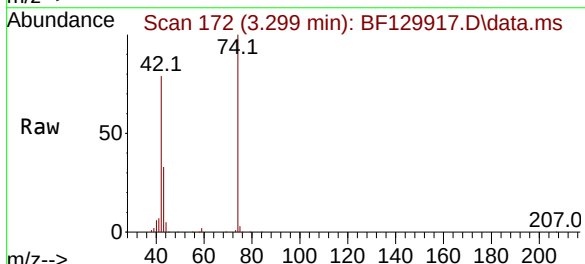
Tgt Ion: 79 Resp: 423389
Ion Ratio Lower Upper
79 100
52 75.9 59.4 89.2
51 36.3 29.5 44.3

Manual Integrations
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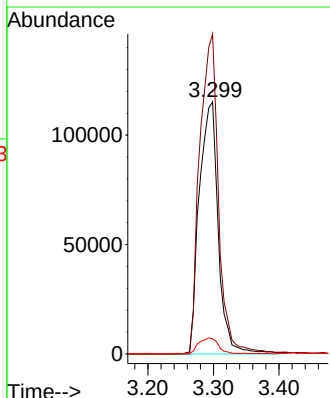
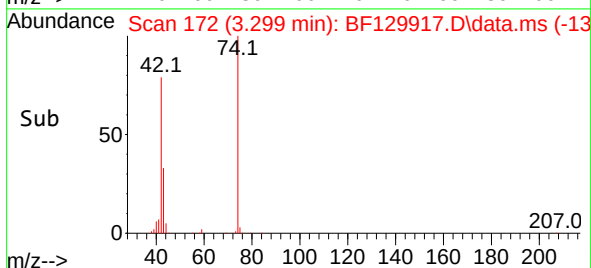
Reviewed By :Christian Giraldo 08/22/2022
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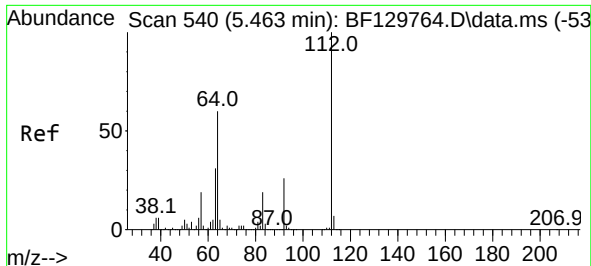


#4
n-Nitrosodimethylamine
Concen: 55.566 ng
RT: 3.299 min Scan# 172
Delta R.T. 0.106 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



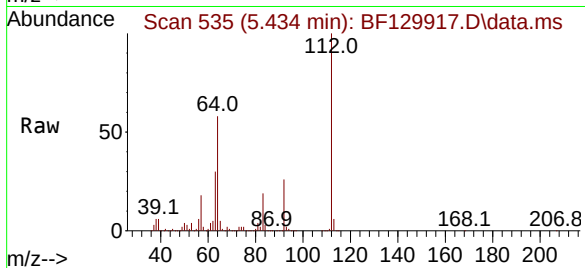
Tgt Ion: 42 Resp: 232687
Ion Ratio Lower Upper
42 100
74 126.9 103.1 154.7
44 6.1 5.4 8.2





#5
2-Fluorophenol
Concen: 122.894 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

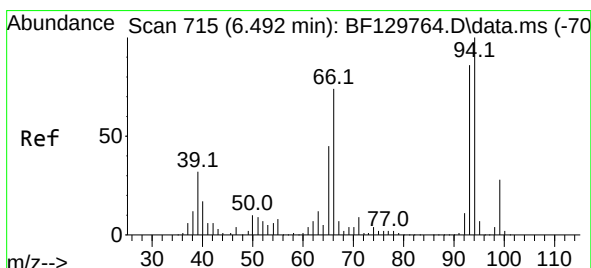
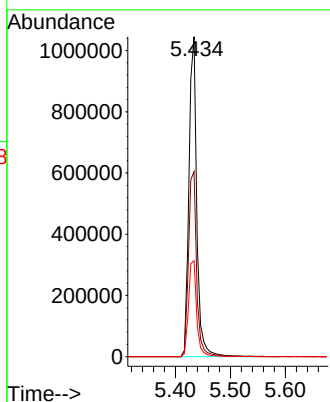
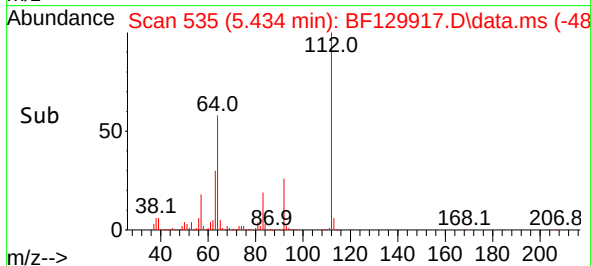
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Tgt Ion: 112 Resp: 103430
Ion Ratio Lower Upper
112 100
64 57.9 47.6 71.4
63 30.0 24.6 37.0

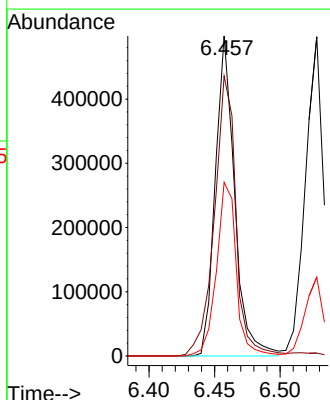
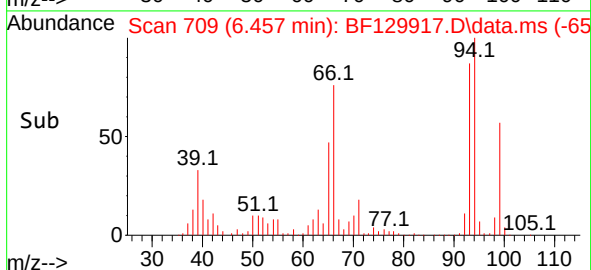
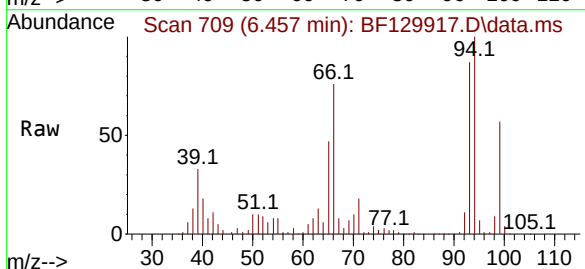
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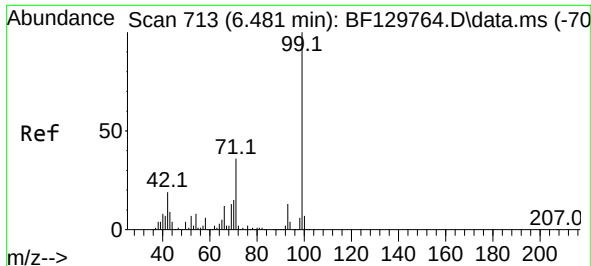
Reviewed By :Christian Giraldo 08/22/2022
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#6
Aniline
Concen: 42.458 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

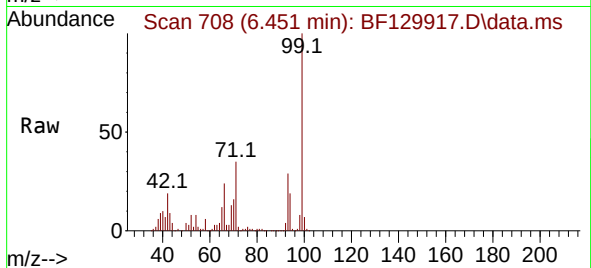
Tgt Ion: 93 Resp: 510014
Ion Ratio Lower Upper
93 100
66 87.5 68.7 103.1
65 54.3 41.6 62.4





#7
Phenol-d6
Concen: 122.315 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

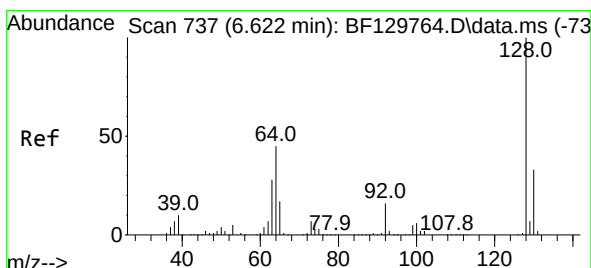
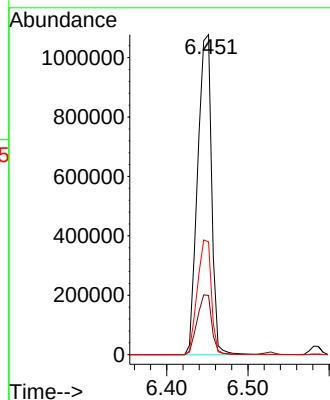
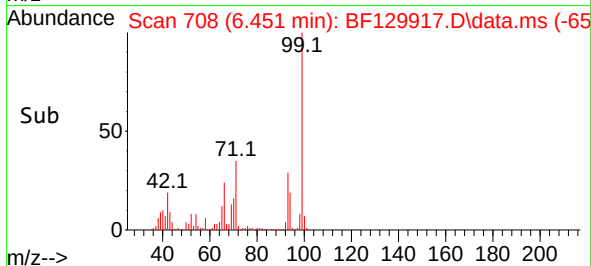
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Tgt Ion: 99 Resp: 1289128
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 35.2 28.8 43.2

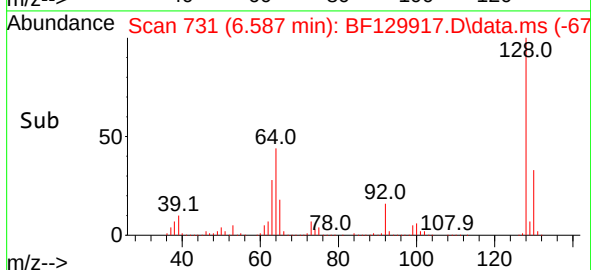
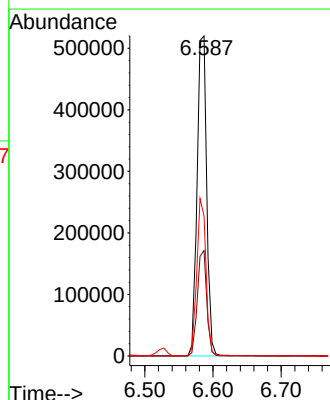
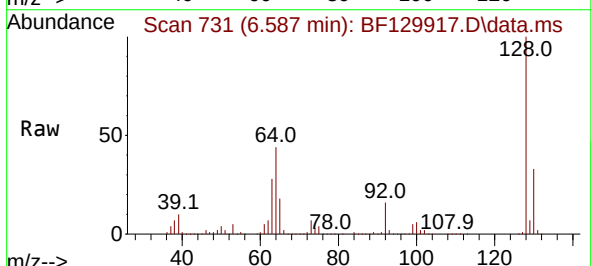
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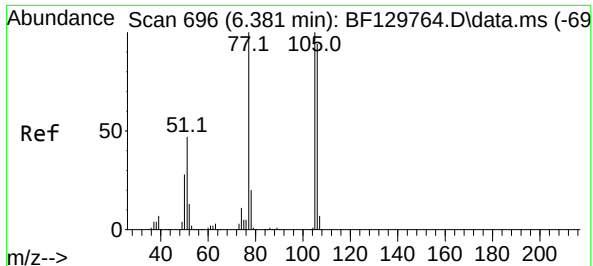
Reviewed By :Christian Giraldo 08/22/2022
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#8
2-Chlorophenol
Concen: 54.282 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

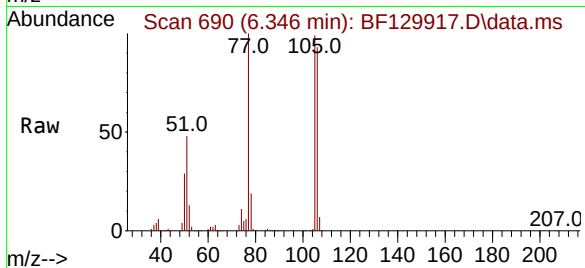
Tgt Ion:128 Resp: 508578
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 43.8 24.9 64.9





#9
Benzaldehyde
Concen: 54.680 ng
RT: 6.346 min Scan# 696
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

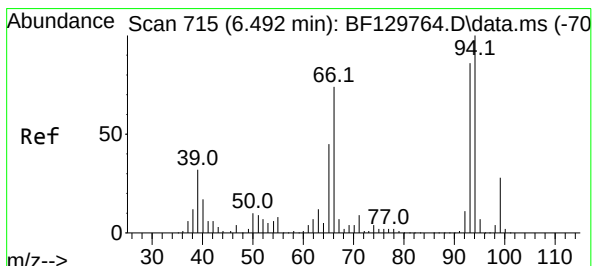
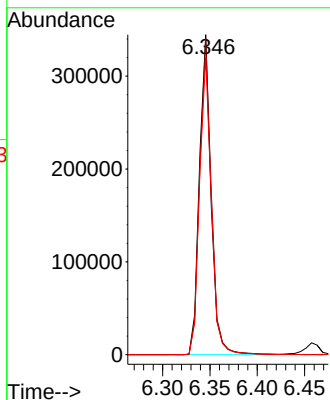
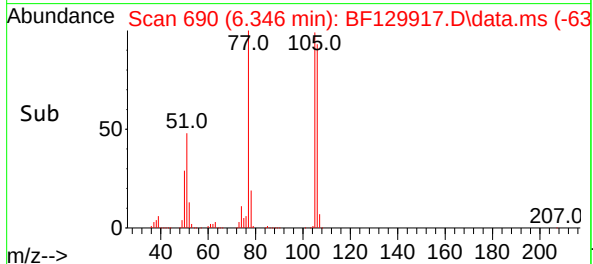
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 294704
Ion Ratio Lower Upper
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105 99.0 80.3 120.3
106 93.0 74.3 114.3

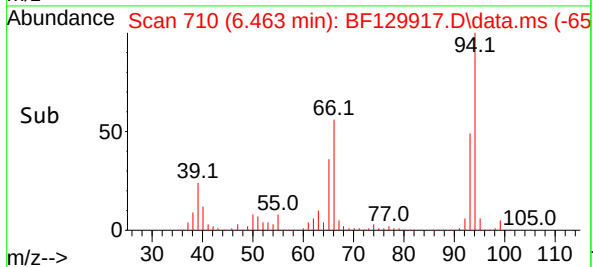
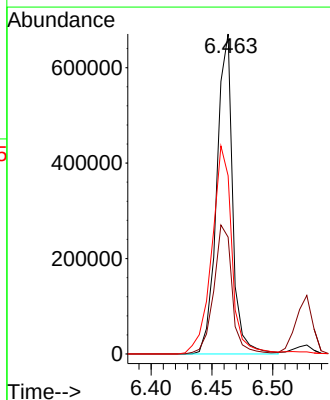
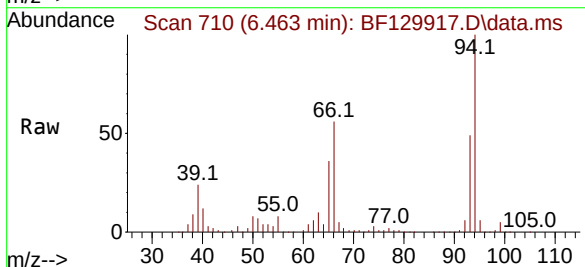
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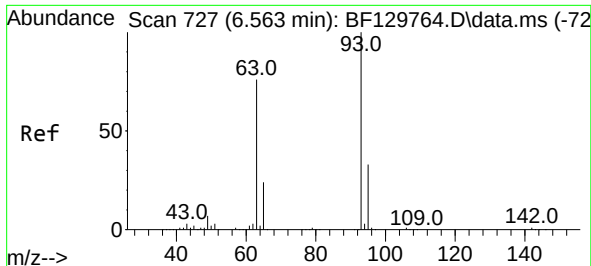
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 52.805 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Tgt Ion: 94 Resp: 610479
Ion Ratio Lower Upper
94 100
65 36.5 24.9 64.9
66 55.7 54.2 94.2





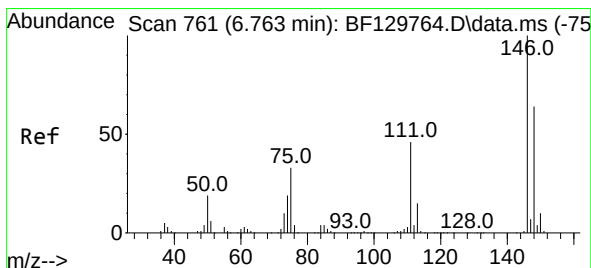
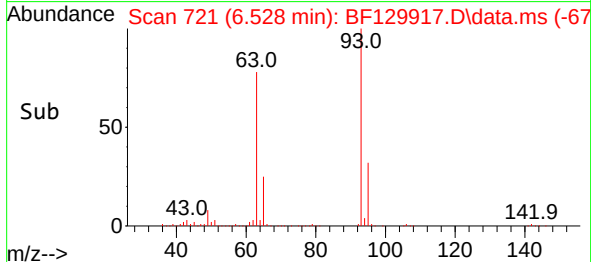
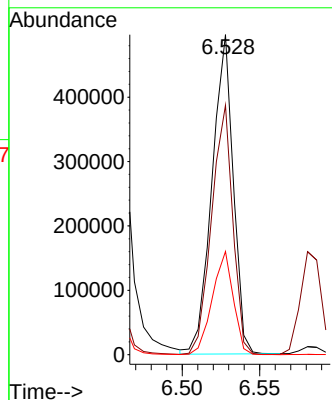
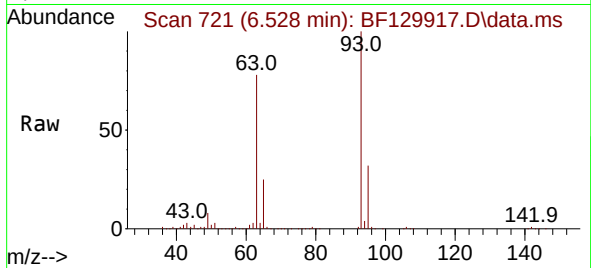
#11
bis(2-Chloroethyl)ether
Concen: 53.924 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Instrument :
BNA_F
ClientSampleId :
TP3-0815MS

Tgt Ion: 93 Resp: 47340
Ion Ratio Lower Upper
93 100
63 78.0 55.9 95.9
95 32.3 12.3 52.3

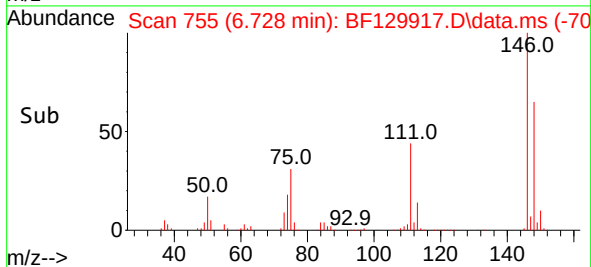
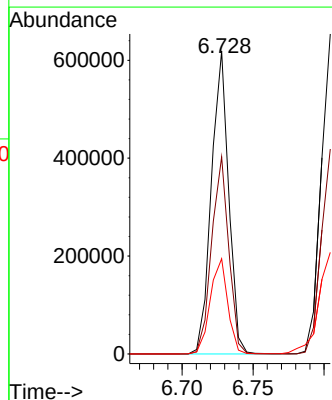
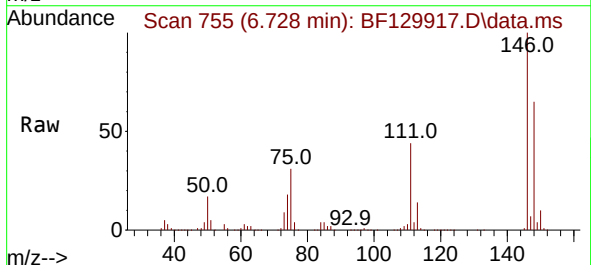
Manual Integrations
APPROVED

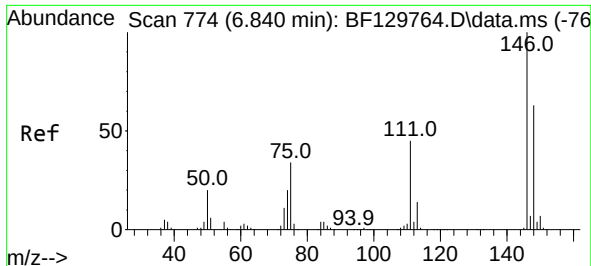
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 51.664 ng
RT: 6.728 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Tgt Ion:146 Resp: 522564
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
75 31.4 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 51.157 ng

RT: 6.804 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

Tgt Ion:146 Resp: 528708

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

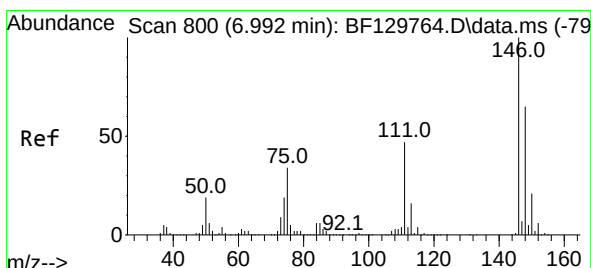
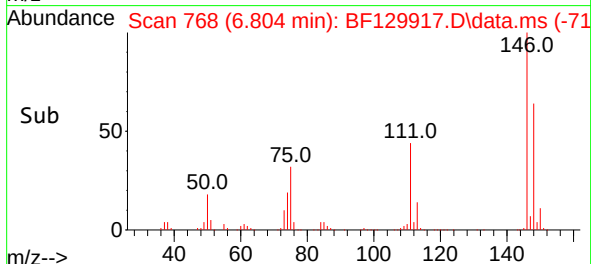
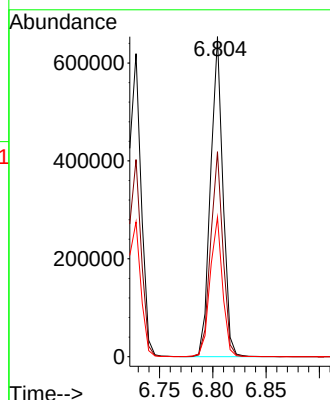
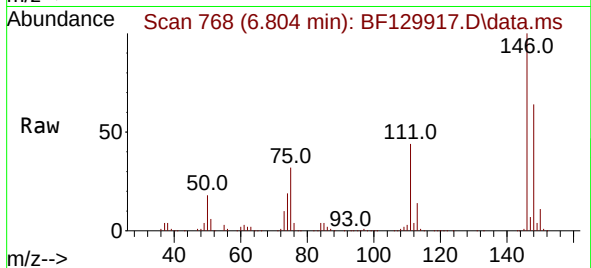
111 43.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#14

1,2-Dichlorobenzene

Concen: 52.455 ng

RT: 6.957 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

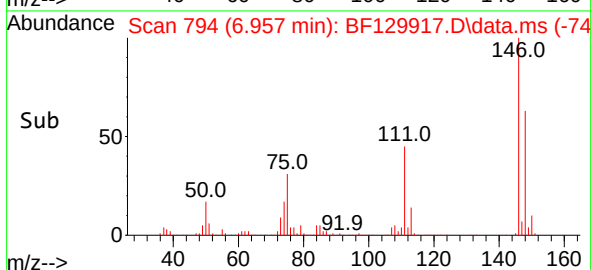
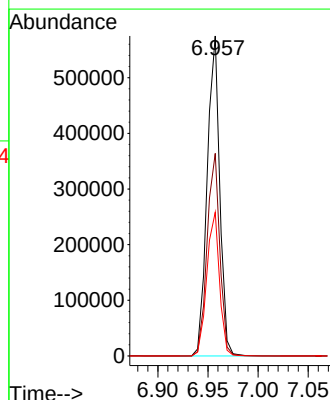
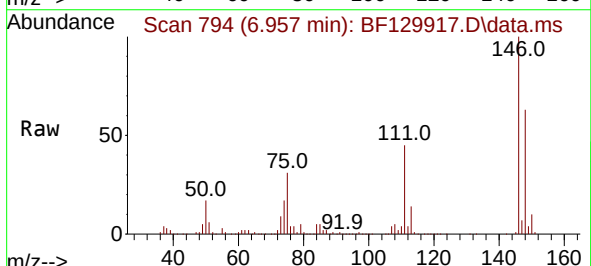
Tgt Ion:146 Resp: 503497

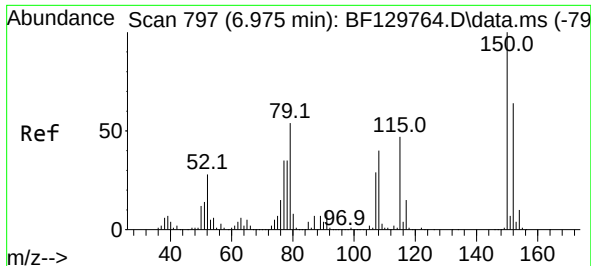
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

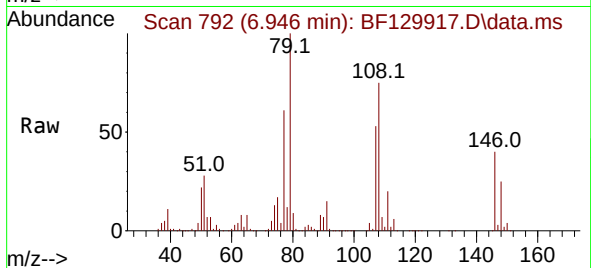
111 44.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 55.172 ng
RT: 6.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

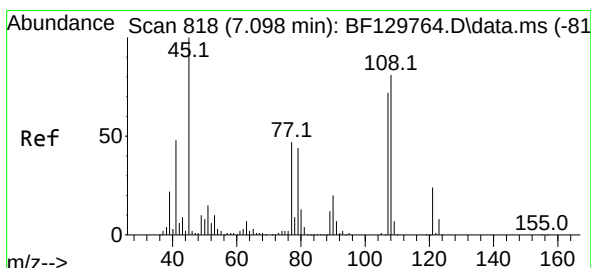
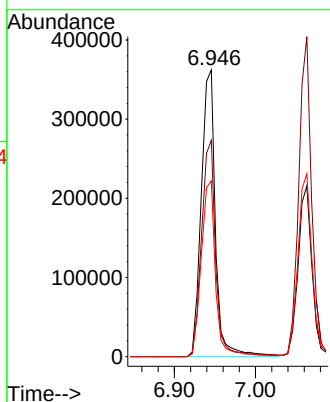
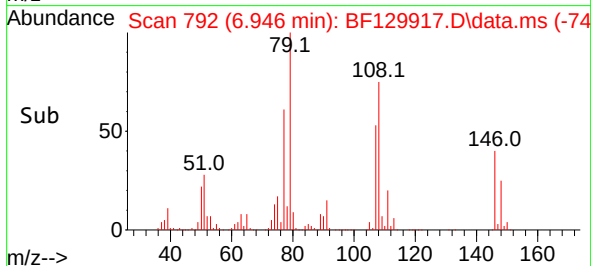
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion: 79 Resp: 43897
Ion Ratio Lower Upper
79 100
108 75.5 59.2 88.8
77 61.3 51.9 77.9

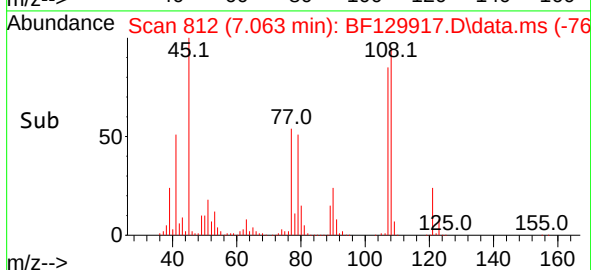
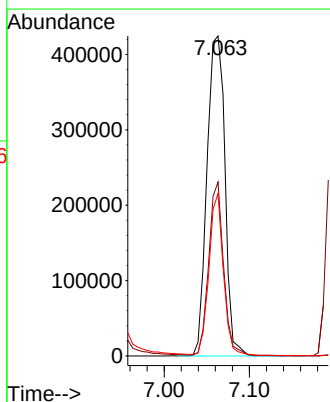
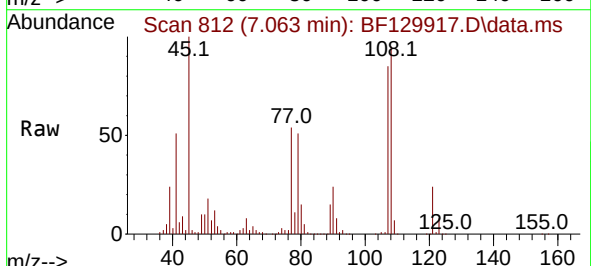
Manual Integrations
APPROVED

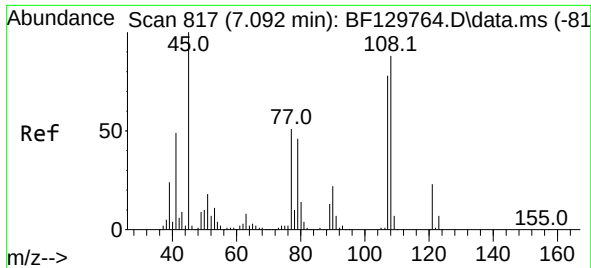
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.743 ng
RT: 7.063 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

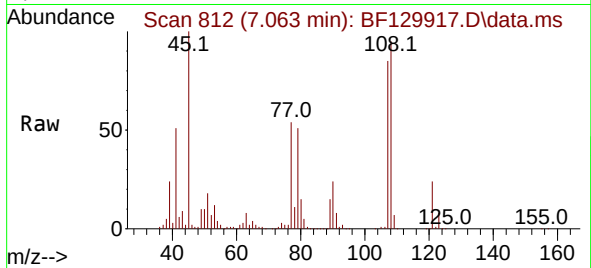
Tgt Ion: 45 Resp: 620450
Ion Ratio Lower Upper
45 100
77 54.4 27.4 67.4
79 50.8 24.4 64.4





#17
2-Methylphenol
Concen: 53.451 ng
RT: 7.063 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

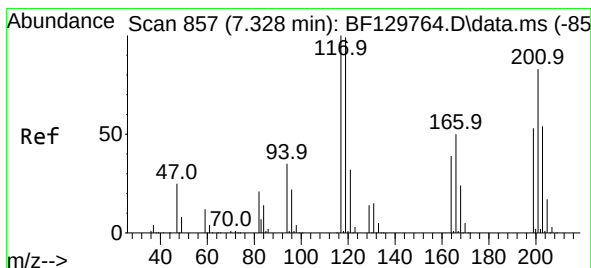
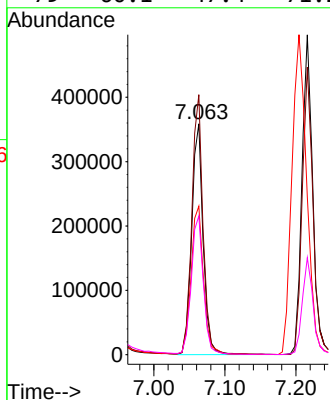
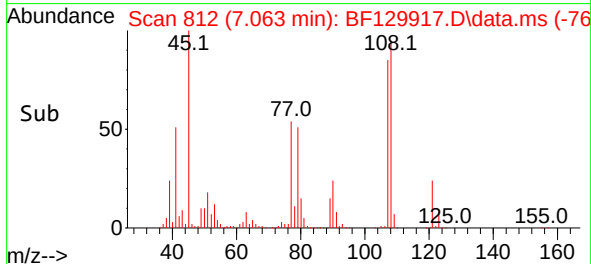
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:107 Resp: 402110
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.2
77 64.3 51.8 77.8
79 60.1 47.4 71.2

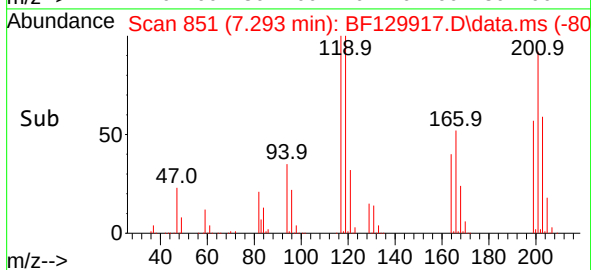
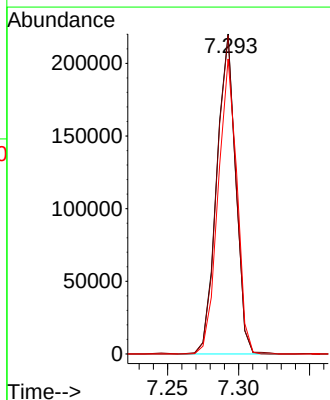
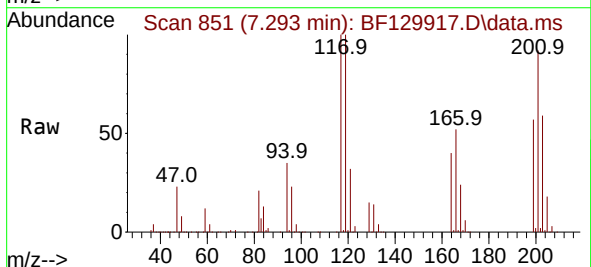
Manual Integrations
APPROVED

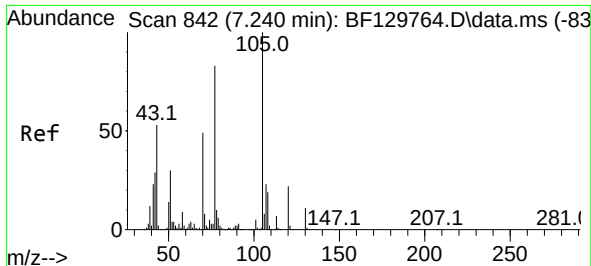
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#18
Hexachloroethane
Concen: 52.407 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

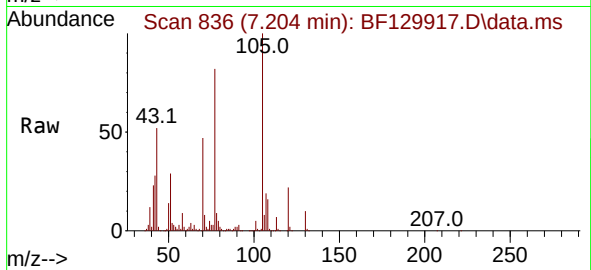
Tgt Ion:117 Resp: 203396
Ion Ratio Lower Upper
117 100
119 99.5 79.1 118.7
201 92.2 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 53.699 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

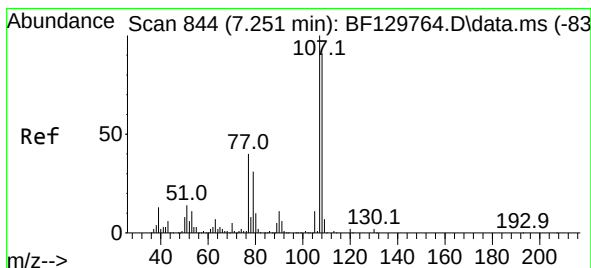
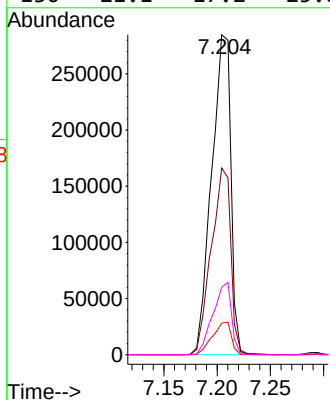
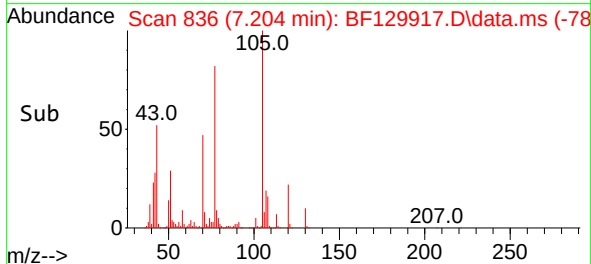
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion: 70 Resp: 35773
Ion Ratio Lower Upper
70 100
42 58.3 47.6 71.4
101 9.9 8.1 12.1
130 21.1 17.2 25.8

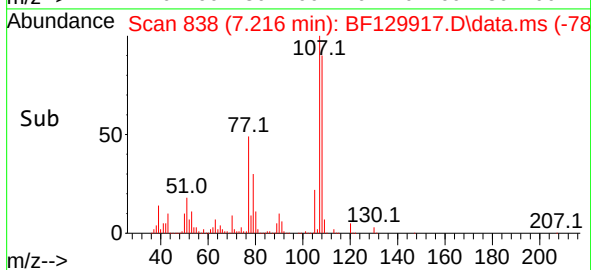
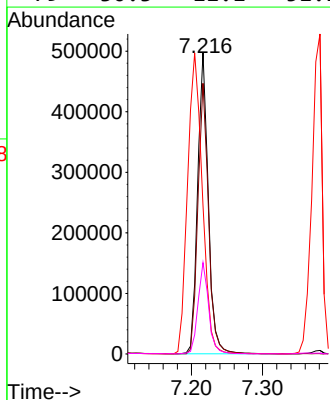
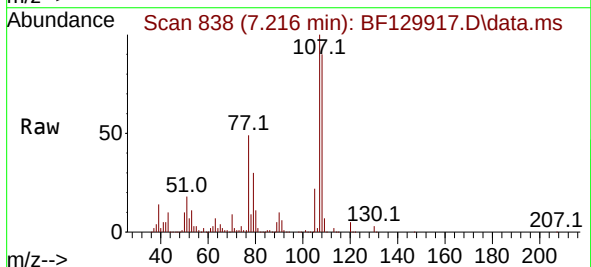
Manual Integrations
APPROVED

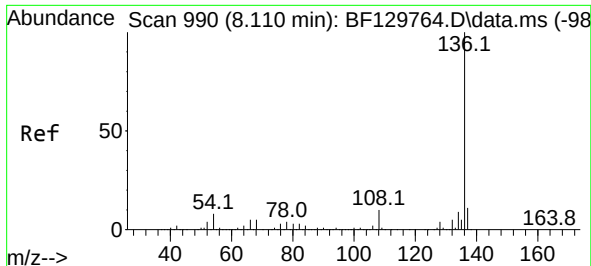
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#20
3+4-Methylphenols
Concen: 51.589 ng
RT: 7.216 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

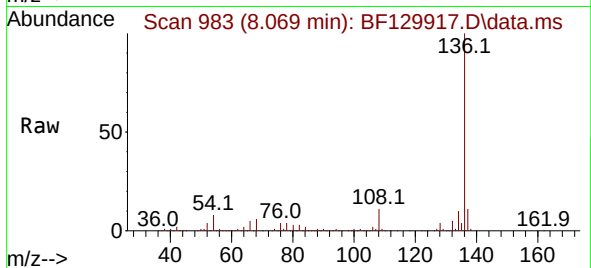
Tgt Ion:107 Resp: 520960
Ion Ratio Lower Upper
107 100
108 89.9 71.3 111.3
77 49.3 20.4 60.4
79 30.3 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

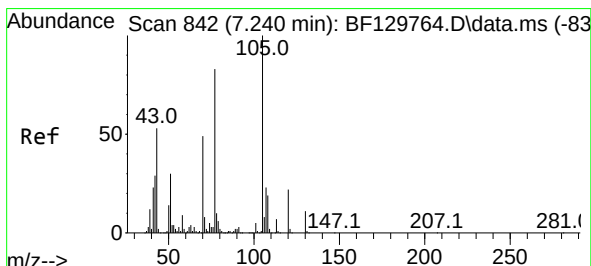
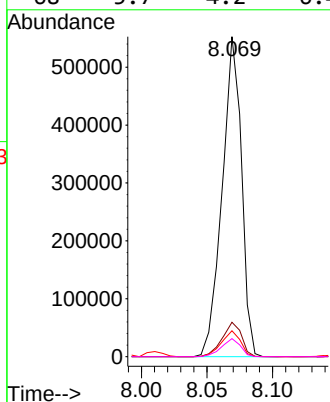
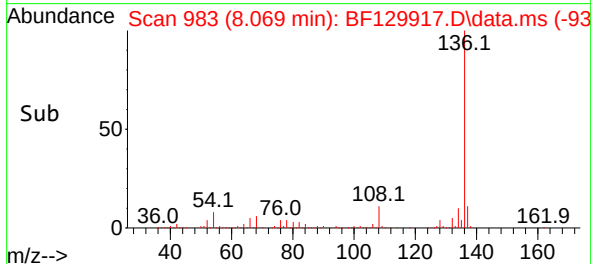
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



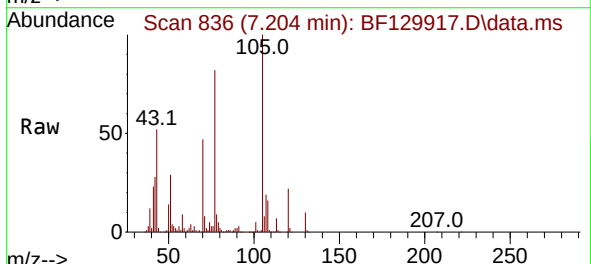
Tgt Ion:136 Resp: 566170
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.1 6.2 9.2
68 5.7 4.2 6.4

Manual Integrations
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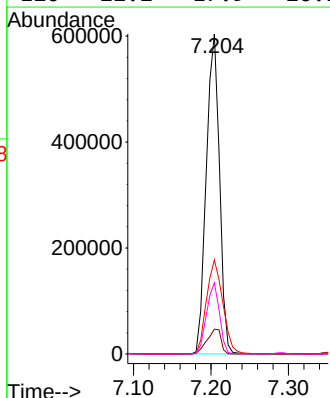
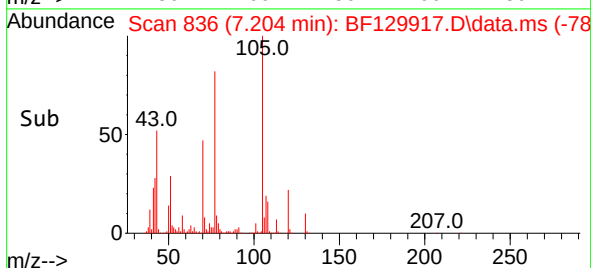
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

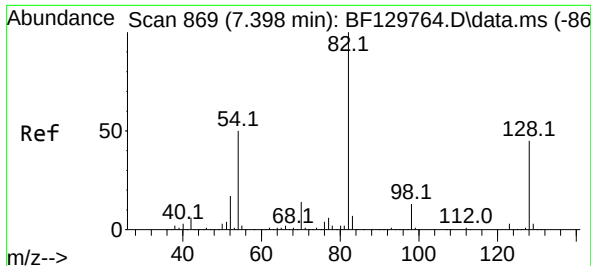


#22
Acetophenone
Concen: 51.746 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



Tgt Ion:105 Resp: 713950
Ion Ratio Lower Upper
105 100
71 7.7 6.6 9.8
51 29.4 23.8 35.8
120 22.2 17.9 26.9





#23

Nitrobenzene-d5

Concen: 78.254 ng

RT: 7.357 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

Tgt Ion: 82 Resp: 827649

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

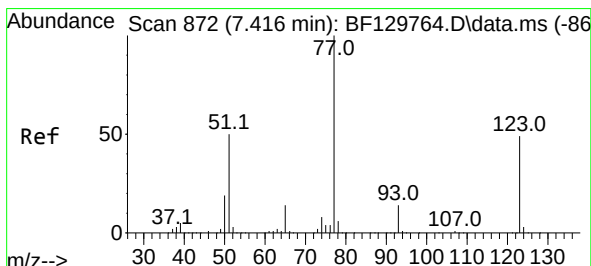
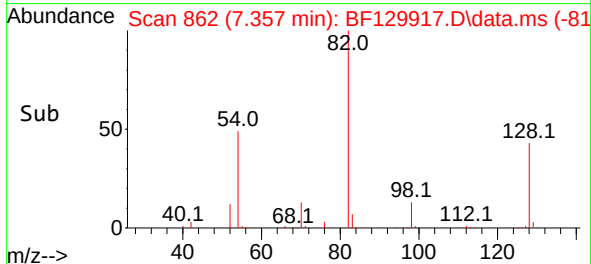
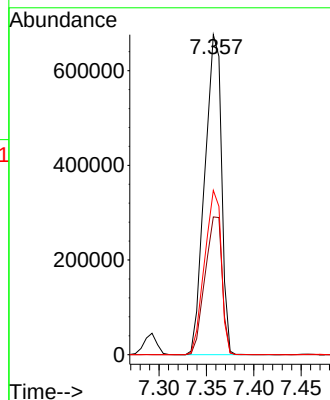
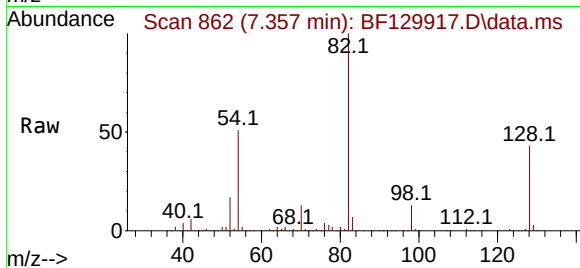
54 51.3 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#24

Nitrobenzene

Concen: 49.689 ng

RT: 7.381 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

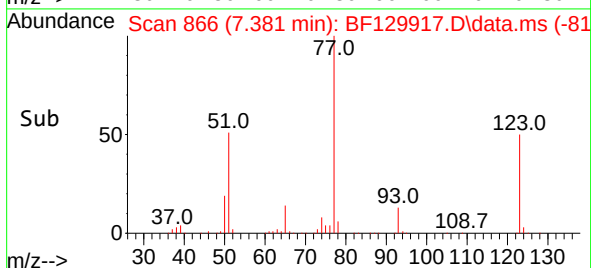
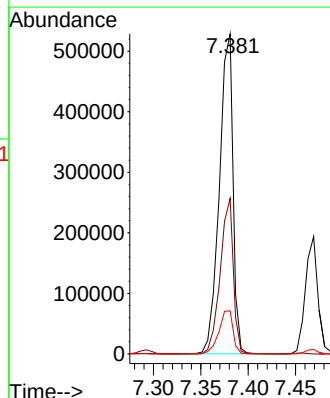
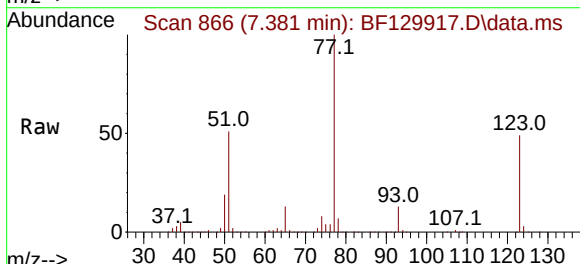
Tgt Ion: 77 Resp: 529930

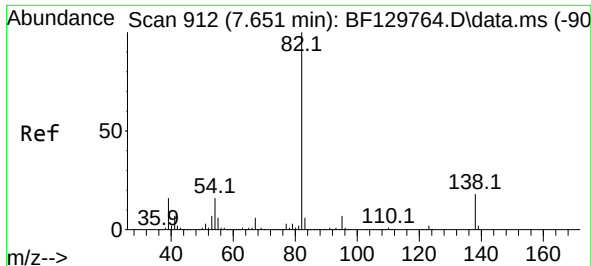
Ion Ratio Lower Upper

77 100

123 48.6 39.2 58.8

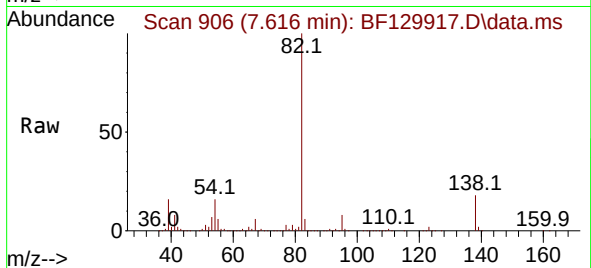
65 13.5 11.1 16.7





#25
Isophorone
Concen: 52.974 ng
RT: 7.616 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

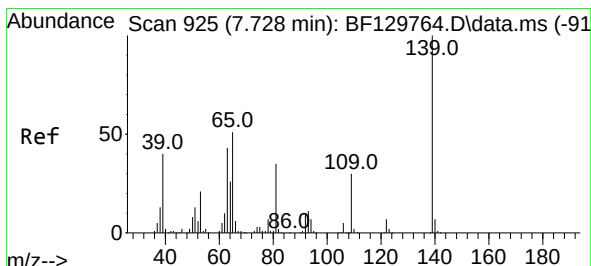
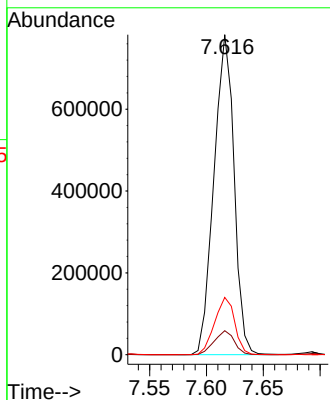
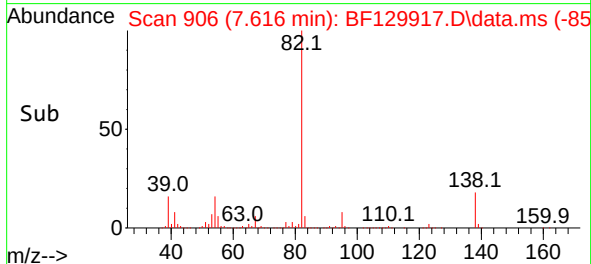
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



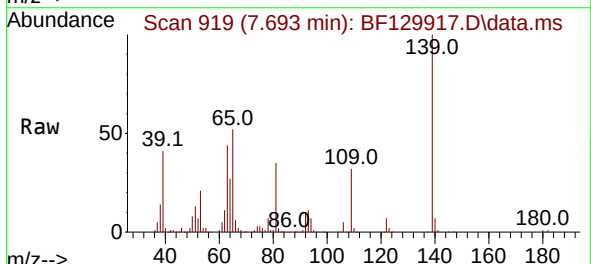
Tgt Ion: 82 Resp: 964329
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.9 14.6 21.8

Manual Integrations
APPROVED

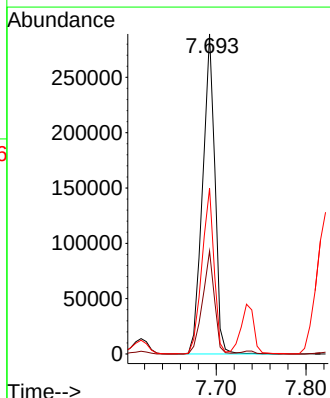
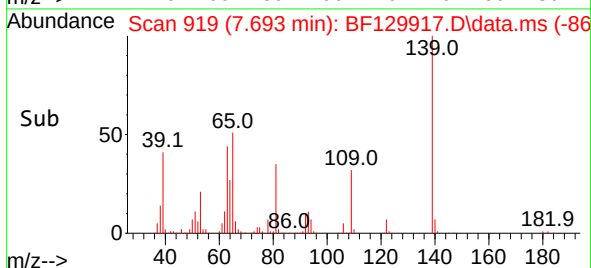
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

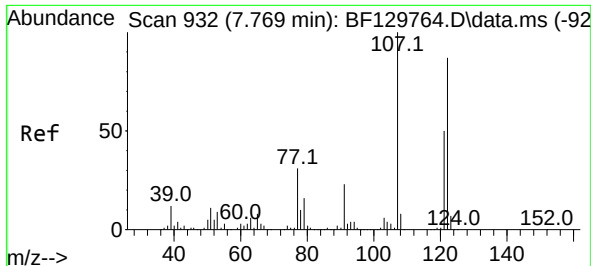


#26
2-Nitrophenol
Concen: 52.444 ng
RT: 7.693 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



Tgt Ion:139 Resp: 275109
Ion Ratio Lower Upper
139 100
109 32.2 24.4 36.6
65 51.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 57.845 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129917.D

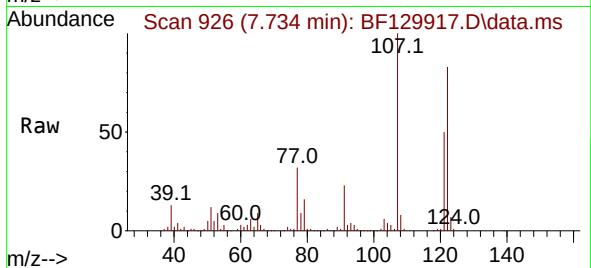
Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS



Tgt Ion:122 Resp: 435174

Ion Ratio Lower Upper

122 100

107 119.8 92.2 138.4

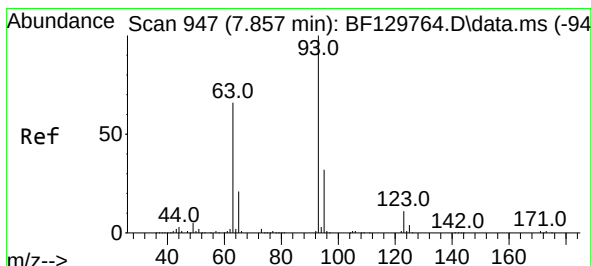
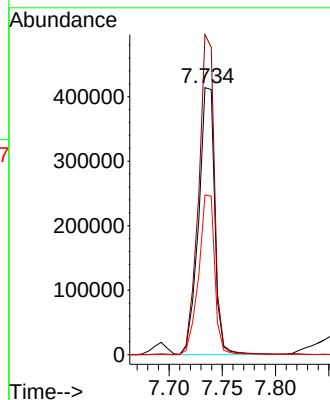
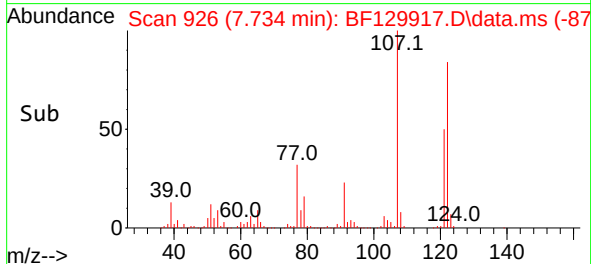
121 59.8 46.1 69.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 55.485 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

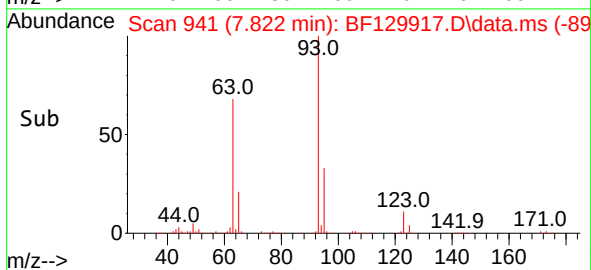
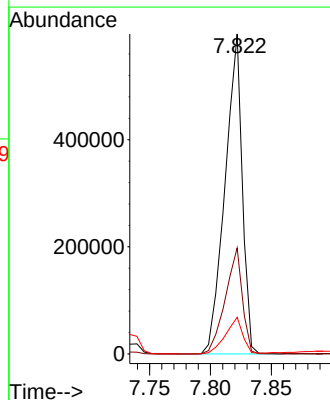
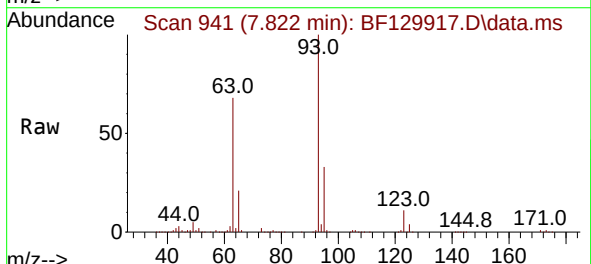
Tgt Ion: 93 Resp: 589732

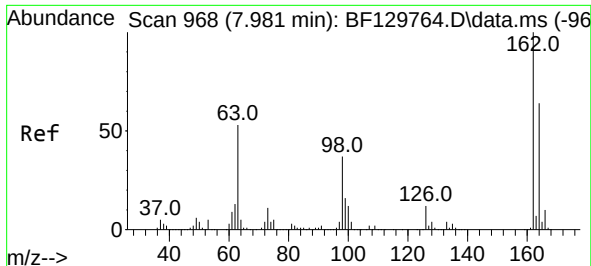
Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 50.866 ng

RT: 7.945 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

Tgt Ion:162 Resp: 41844

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

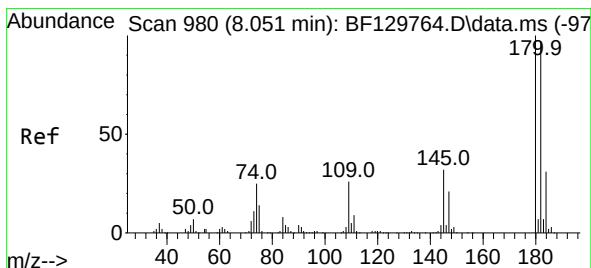
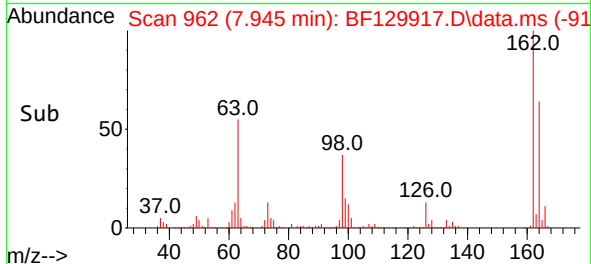
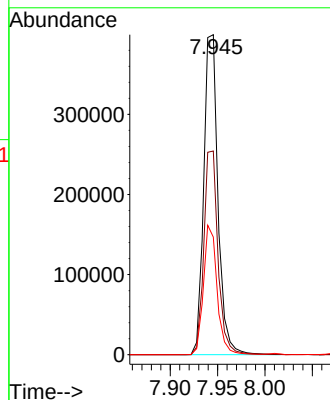
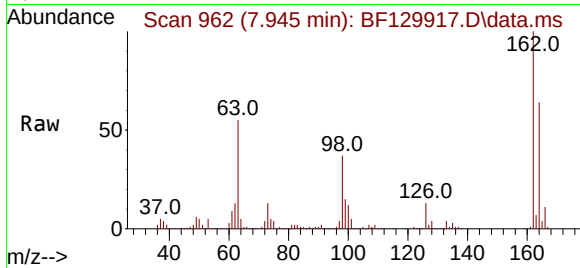
98 36.7 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.524 ng

RT: 8.010 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

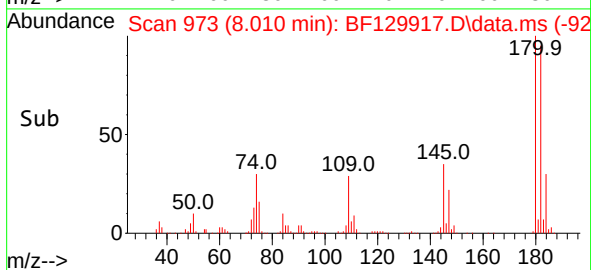
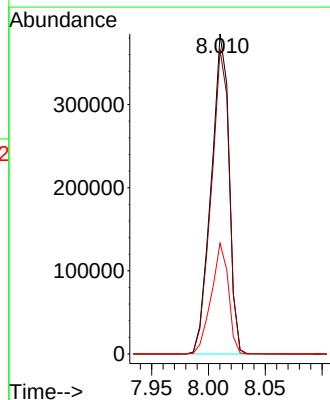
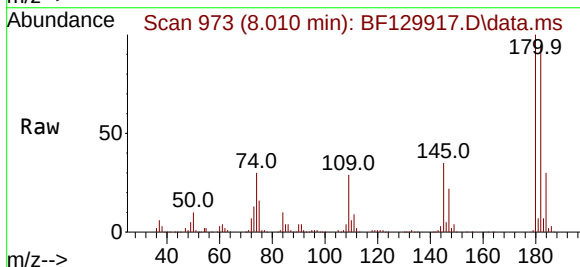
Tgt Ion:180 Resp: 421107

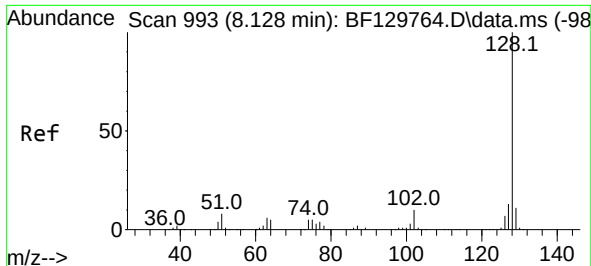
Ion Ratio Lower Upper

180 100

182 95.1 77.6 116.4

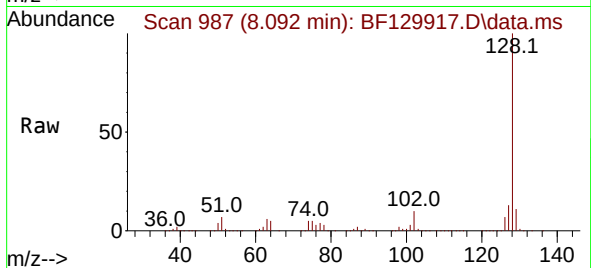
145 34.6 25.6 38.4





#31
Naphthalene
Concen: 49.000 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

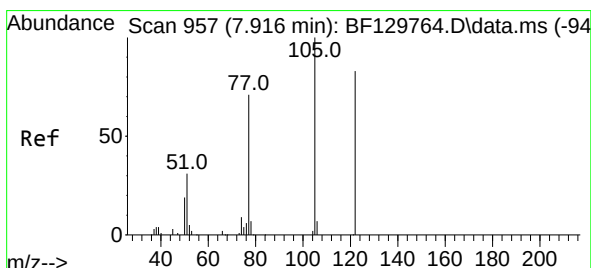
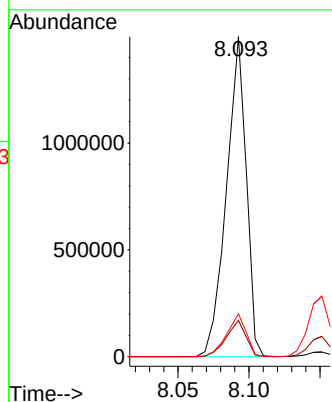
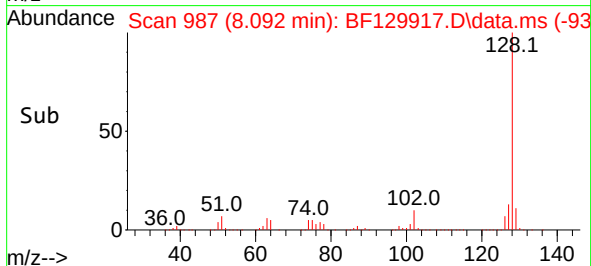
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:128 Resp: 145056
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.4 10.7 16.1

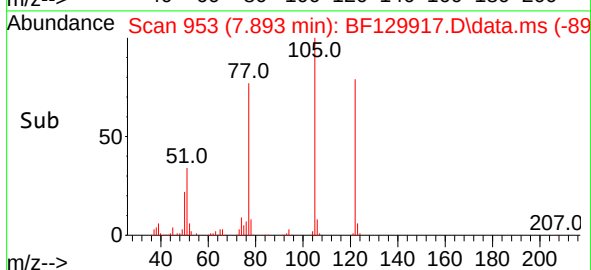
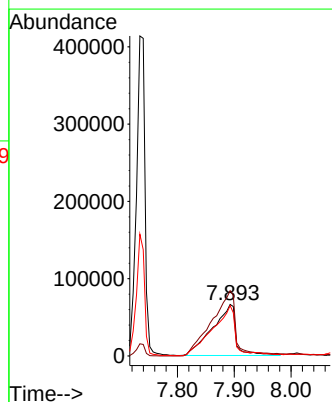
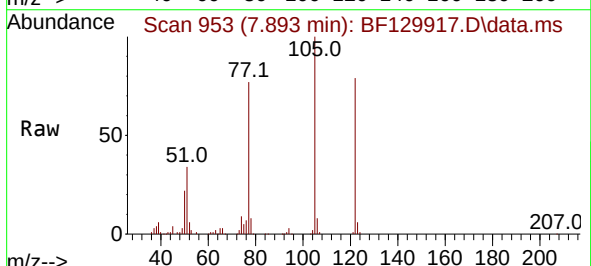
Manual Integrations
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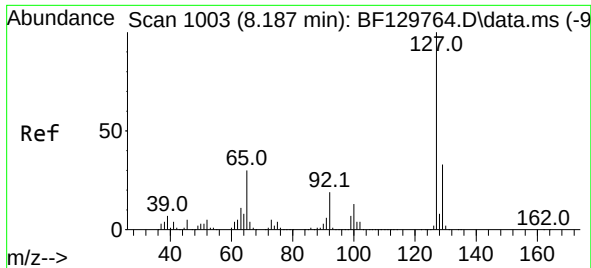
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#32
Benzoic acid
Concen: 54.398 ng
RT: 7.893 min Scan# 953
Delta R.T. 0.018 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Tgt Ion:122 Resp: 192053
Ion Ratio Lower Upper
122 100
105 126.9 99.9 139.9
77 98.0 65.9 105.9





#33
4-Chloroaniline
Concen: 35.035 ng
RT: 8.151 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

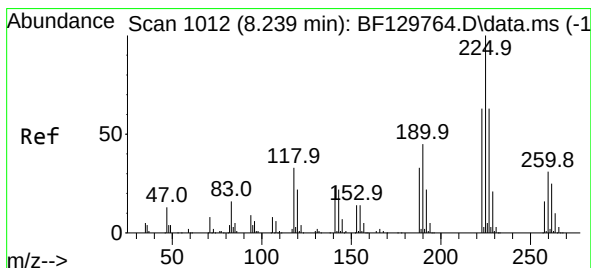
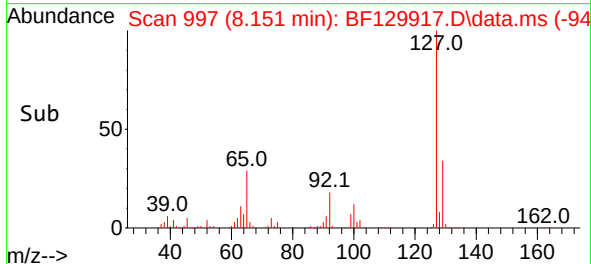
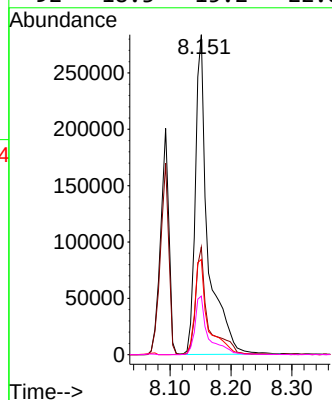
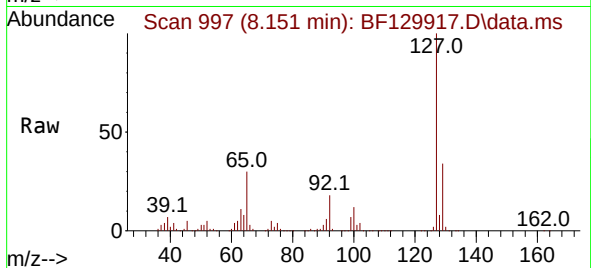
TP3-0815MS

Tgt Ion:127 Resp: 40785
Ion Ratio Lower Upper
127 100
129 33.6 26.7 40.1
65 29.8 24.2 36.2
92 18.3 15.2 22.8

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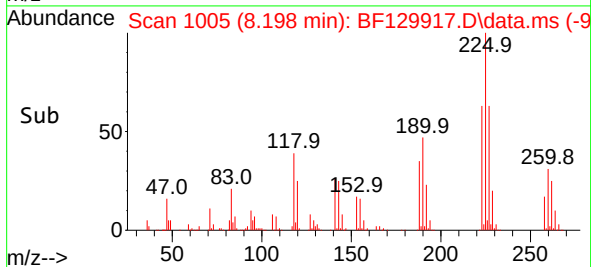
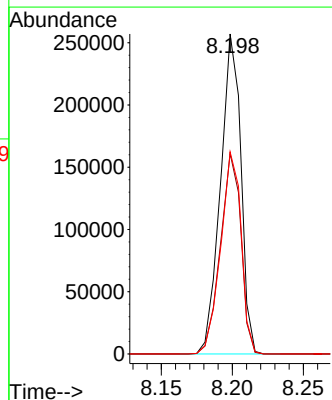
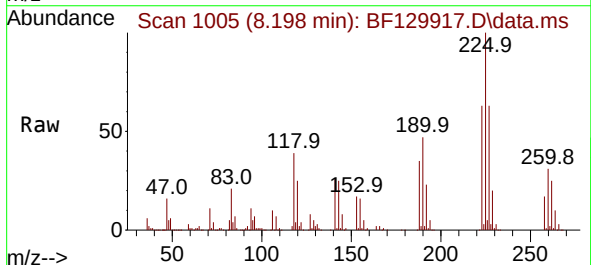
APPROVED

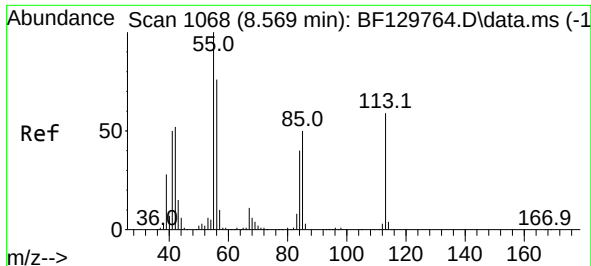
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#34
Hexachlorobutadiene
Concen: 48.483 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

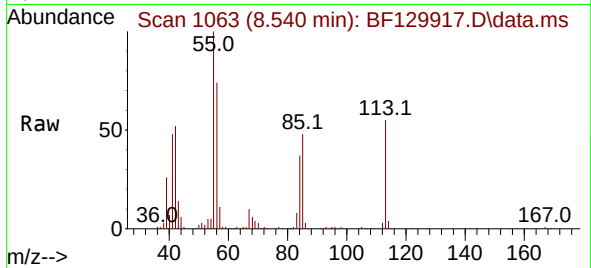
Tgt Ion:225 Resp: 256199
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.1 50.6 75.8





#35
 Caprolactam
 Concen: 48.833 ng m
 RT: 8.540 min Scan# 1063
 Delta R.T. 0.012 min
 Lab File: BF129917.D
 Acq: 19 Aug 2022 19:18

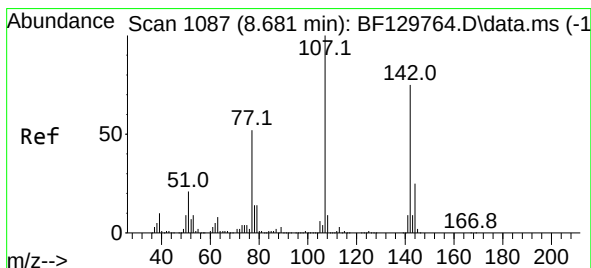
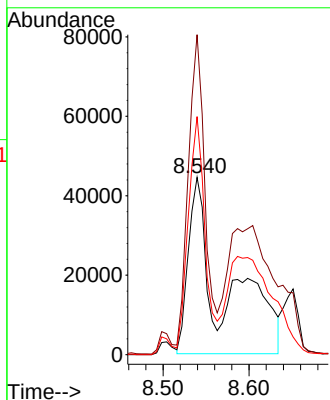
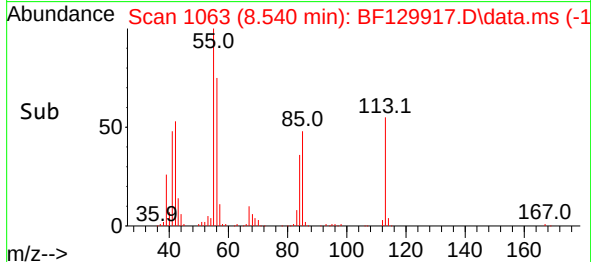
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MS



Tgt Ion:113 Resp: 12492
 Ion Ratio Lower Upper
 113 100
 55 180.5 148.8 188.8
 56 134.3 109.1 149.1

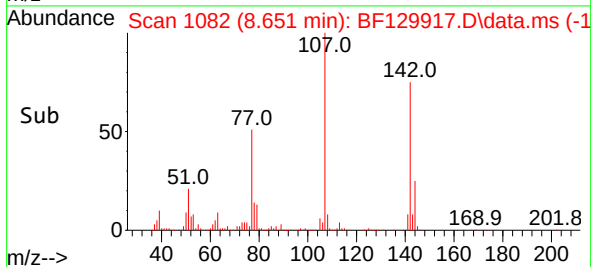
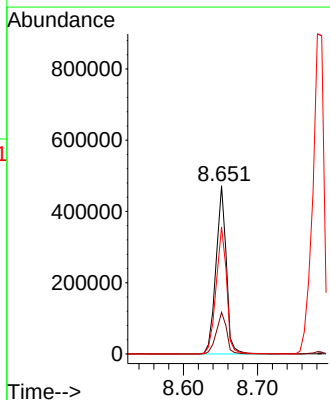
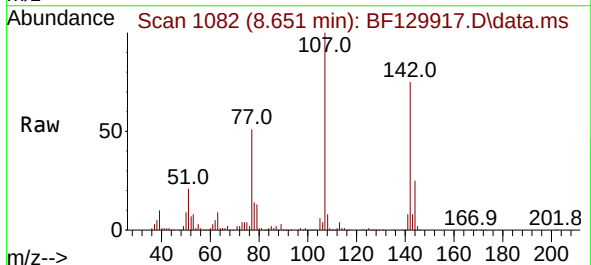
Manual Integrations
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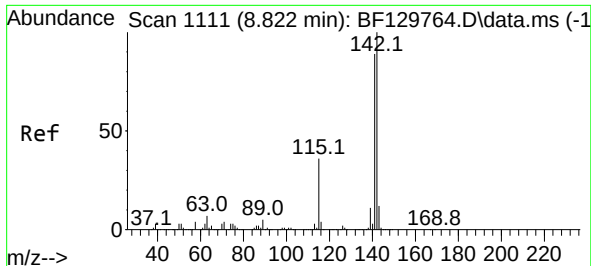
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#36
 4-Chloro-3-methylphenol
 Concen: 51.286 ng
 RT: 8.651 min Scan# 1082
 Delta R.T. 0.006 min
 Lab File: BF129917.D
 Acq: 19 Aug 2022 19:18

Tgt Ion:107 Resp: 455149
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.9 29.9
 142 75.5 60.2 90.4





#37

2-Methylnaphthalene

Concen: 49.038 ng

RT: 8.781 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

Tgt Ion:142 Resp: 952784

Ion Ratio Lower Upper

142 100

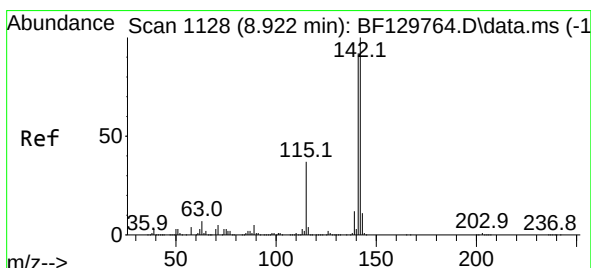
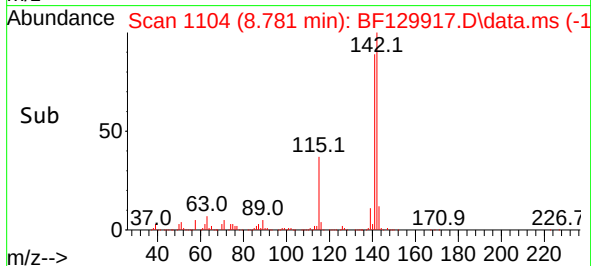
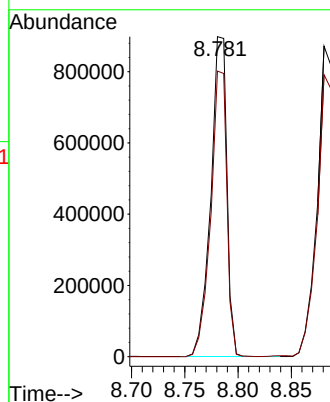
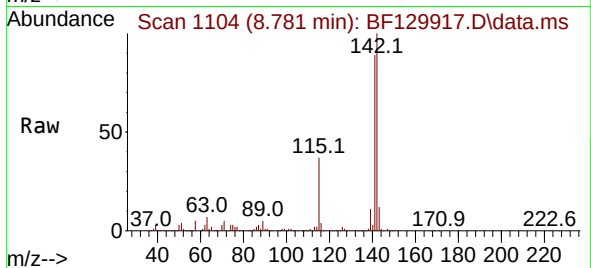
141 89.2 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#38

1-Methylnaphthalene

Concen: 47.670 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129917.D

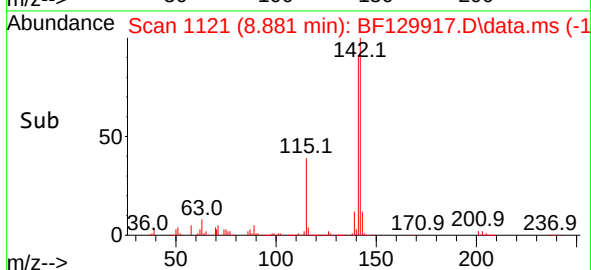
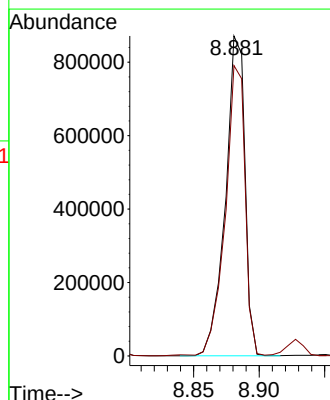
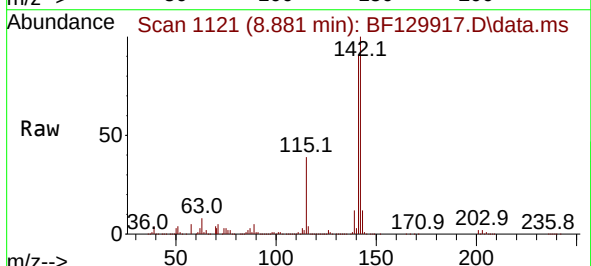
Acq: 19 Aug 2022 19:18

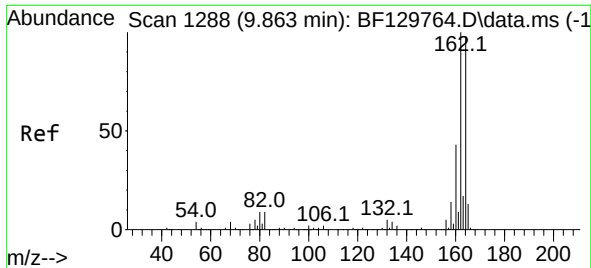
Tgt Ion:142 Resp: 900130

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3





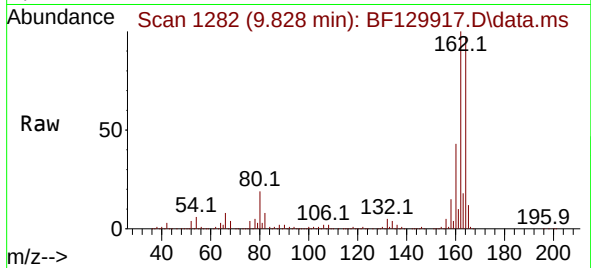
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

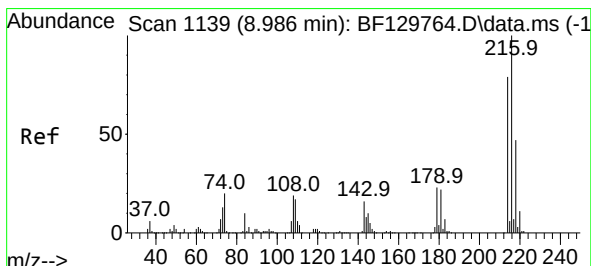
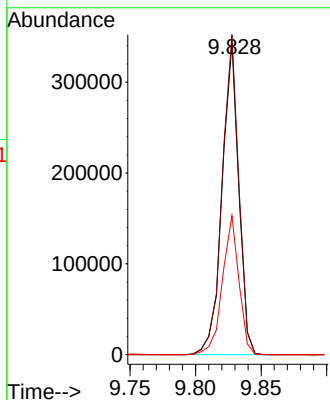
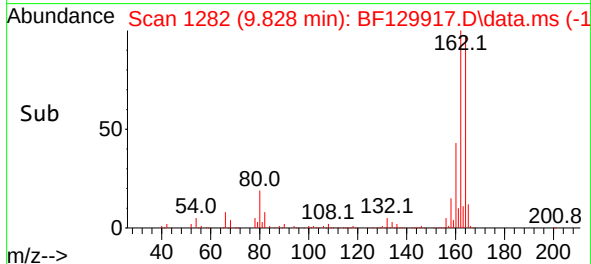


Tgt Ion:164 Resp: 301902
Ion Ratio Lower Upper
164 100
162 102.6 82.0 123.0
160 44.6 35.4 53.0

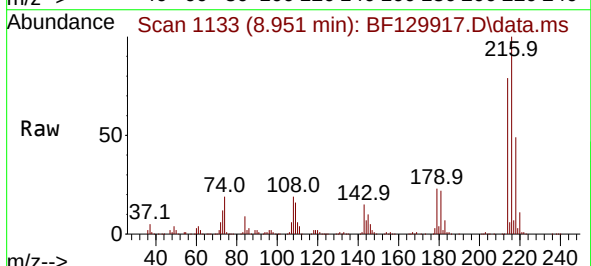
Manual Integrations

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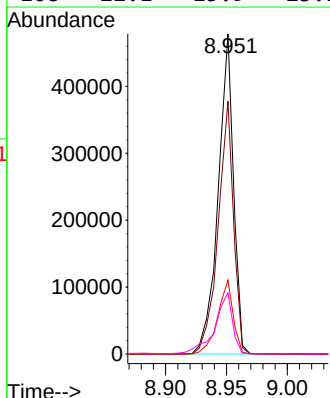
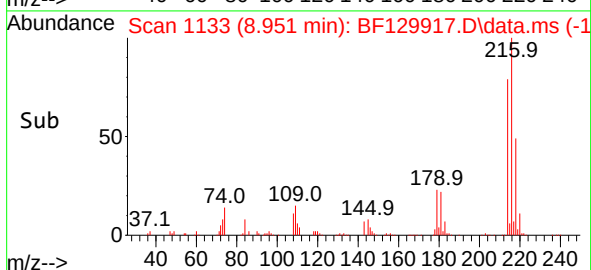
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

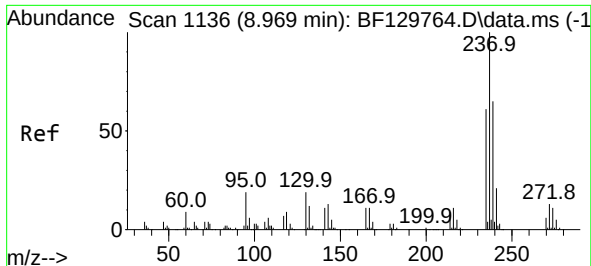


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.094 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



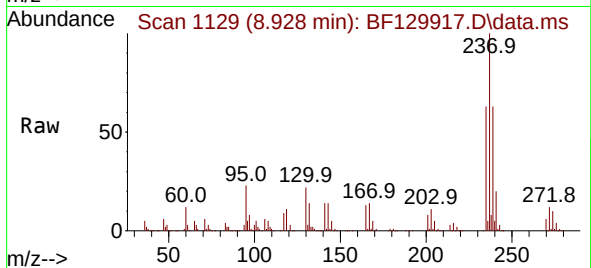
Tgt Ion:216 Resp: 420630
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 23.1 18.1 27.1
108 22.1 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 95.164 ng
RT: 8.928 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

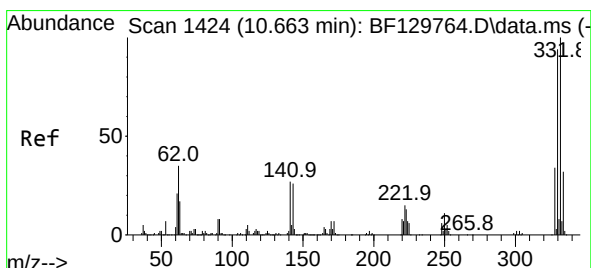
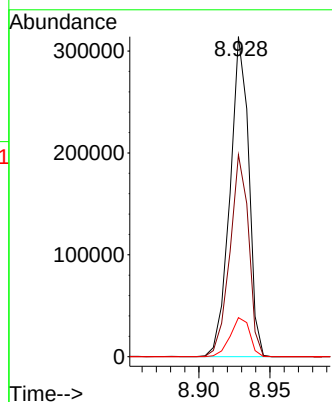
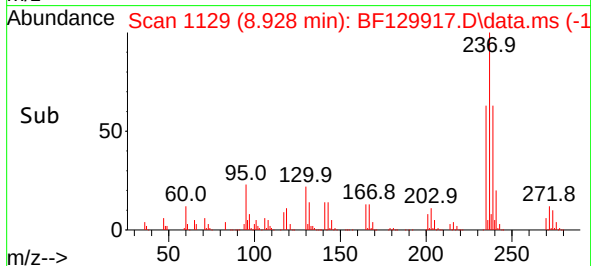
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



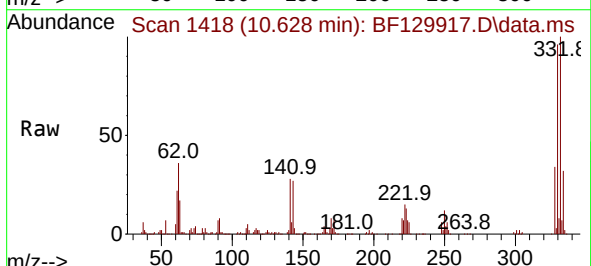
Tgt Ion:237 Resp: 28918
Ion Ratio Lower Upper
237 100
235 63.1 41.5 81.5
272 12.2 0.0 33.3

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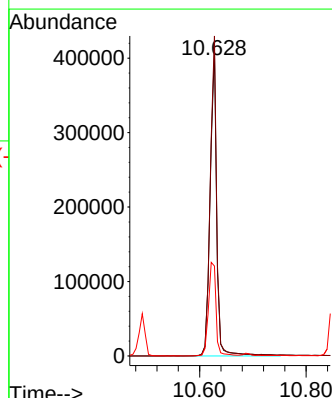
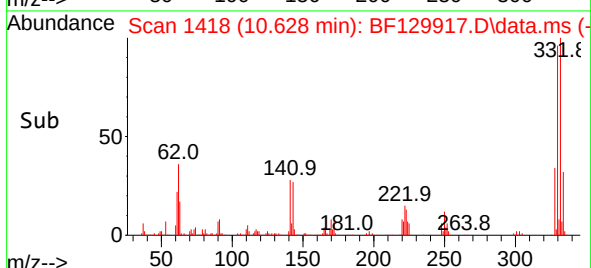
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

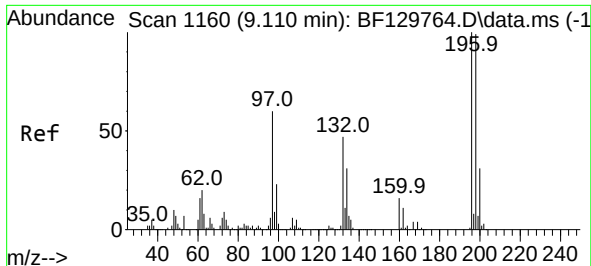


#42
2,4,6-Tribromophenol
Concen: 115.540 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



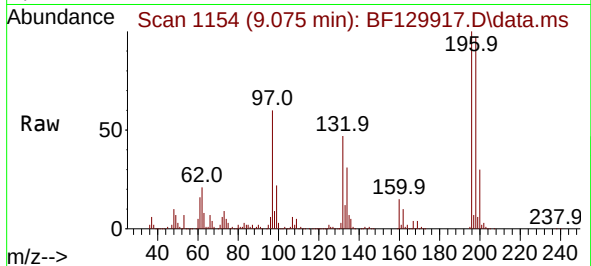
Tgt Ion:330 Resp: 350090
Ion Ratio Lower Upper
330 100
332 104.2 82.6 124.0
141 35.1 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 49.394 ng
RT: 9.075 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

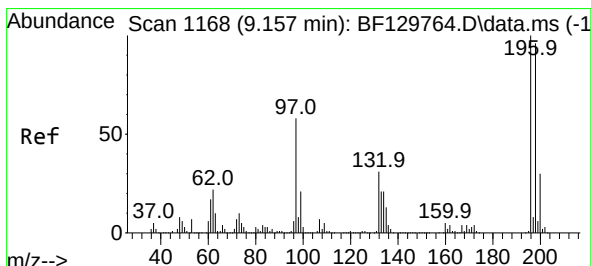
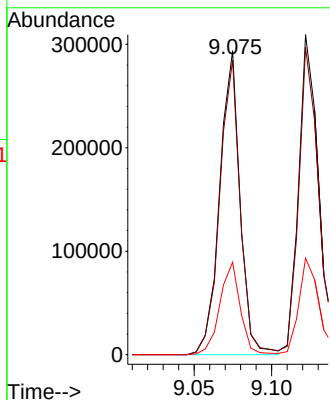
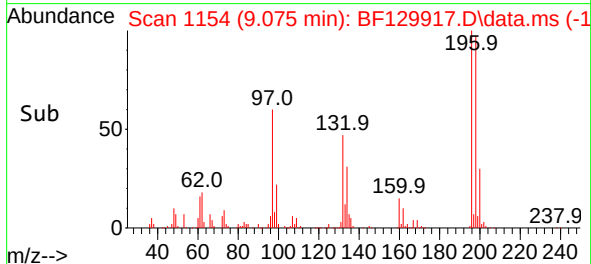
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



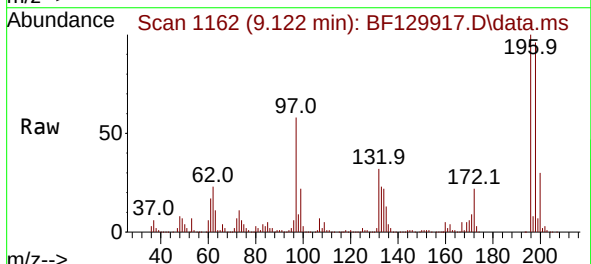
Tgt Ion:196 Resp: 269470
Ion Ratio Lower Upper
196 100
198 97.0 79.0 118.4
200 30.4 25.1 37.7

Manual Integrations
APPROVED

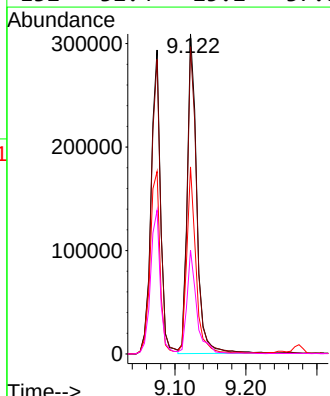
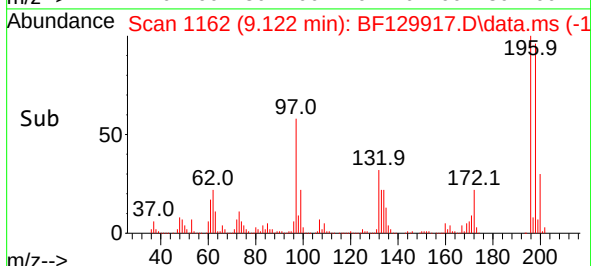
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

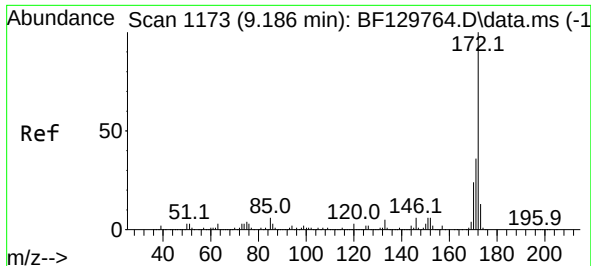


#44
2,4,5-Trichlorophenol
Concen: 49.268 ng
RT: 9.122 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



Tgt Ion:196 Resp: 289181
Ion Ratio Lower Upper
196 100
198 96.0 76.4 114.6
97 58.5 46.5 69.7
132 32.4 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 73.080 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

Tgt Ion:172 Resp: 145265

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

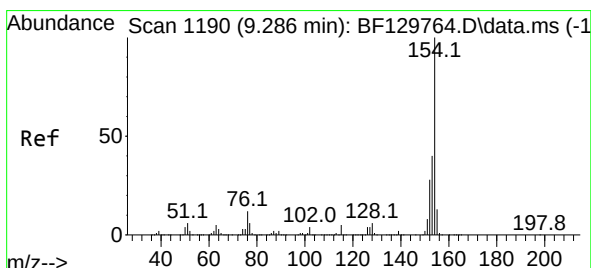
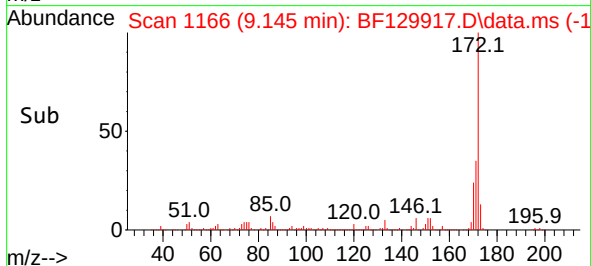
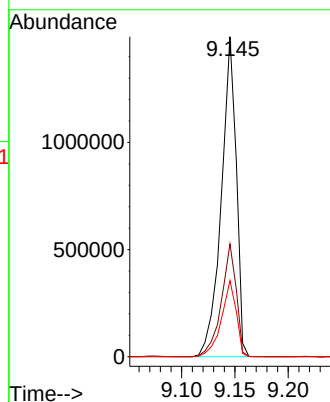
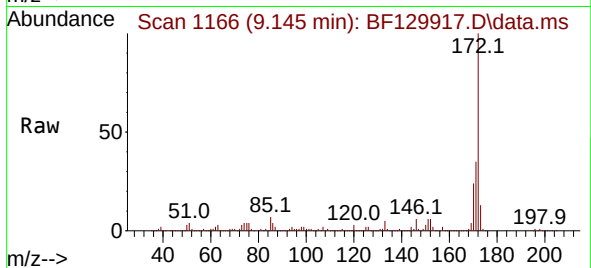
170 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#46

1,1'-Biphenyl

Concen: 50.302 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

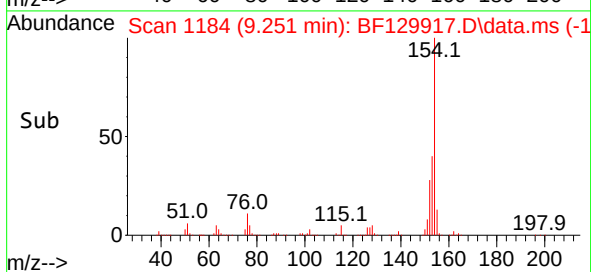
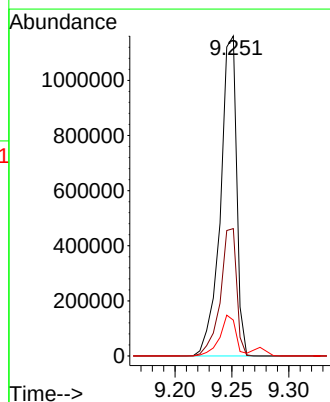
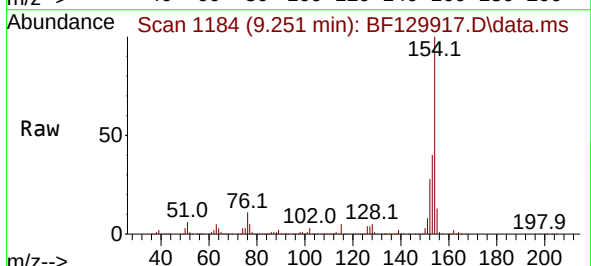
Tgt Ion:154 Resp: 1153700

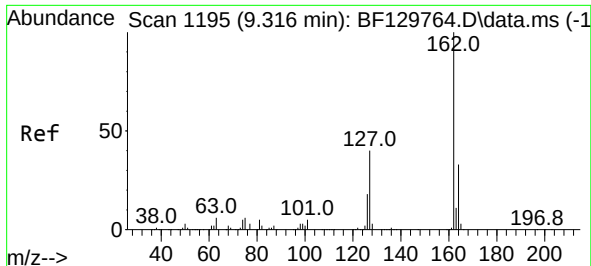
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 11.2 0.0 32.1





#47
2-Chloronaphthalene
Concen: 49.184 ng
RT: 9.275 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

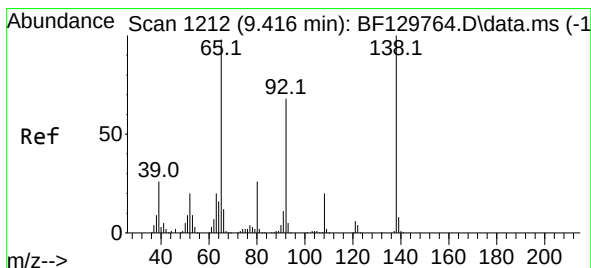
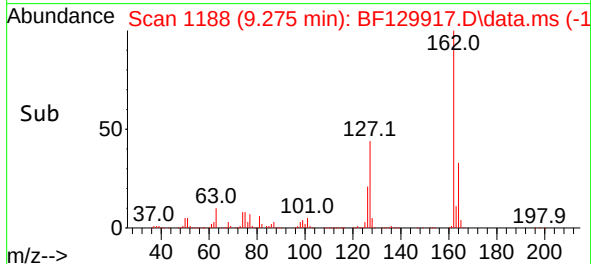
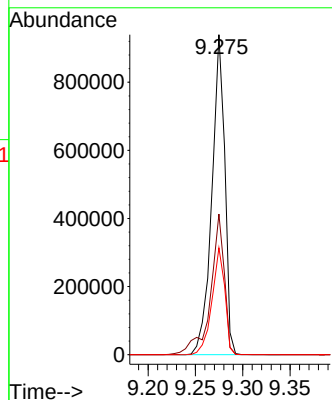
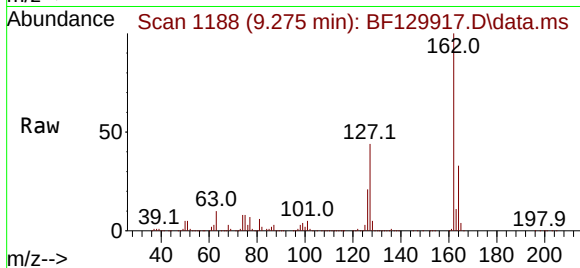
TP3-0815MS

Tgt Ion:162 Resp: 892538
Ion Ratio Lower Upper
162 100
127 43.9 33.1 49.7
164 33.4 26.7 40.1

Manual Integrations

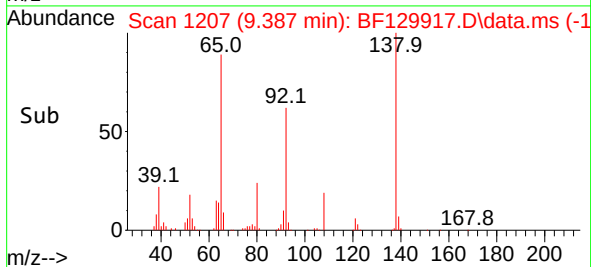
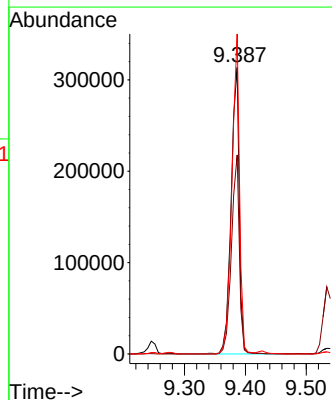
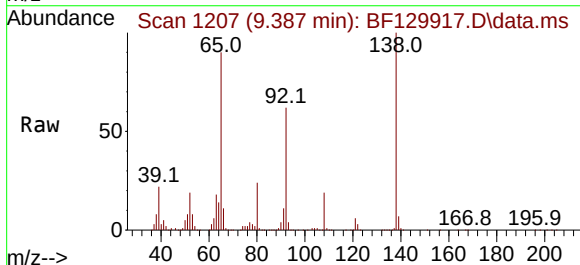
APPROVED

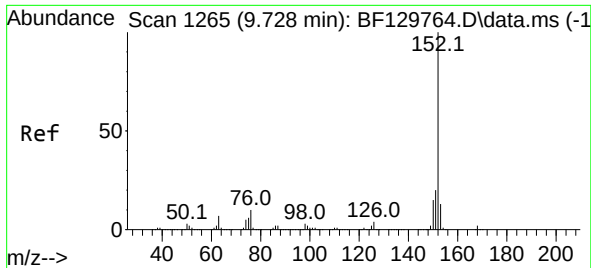
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#48
2-Nitroaniline
Concen: 50.790 ng
RT: 9.387 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Tgt Ion: 65 Resp: 291271
Ion Ratio Lower Upper
65 100
92 69.5 55.0 82.4
138 111.6 81.3 121.9





#49
Acenaphthylene
Concen: 48.352 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

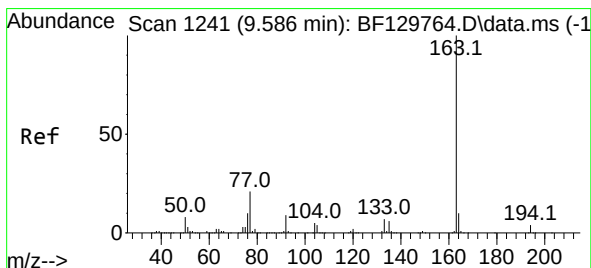
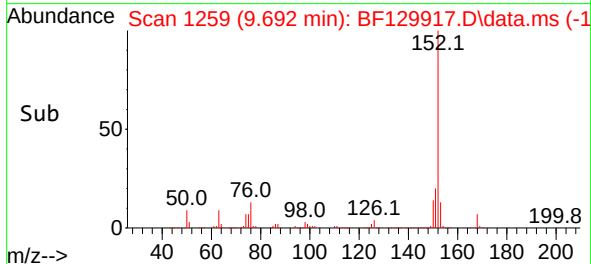
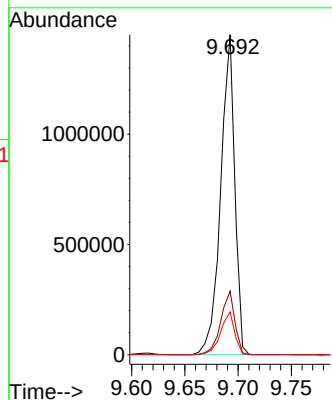
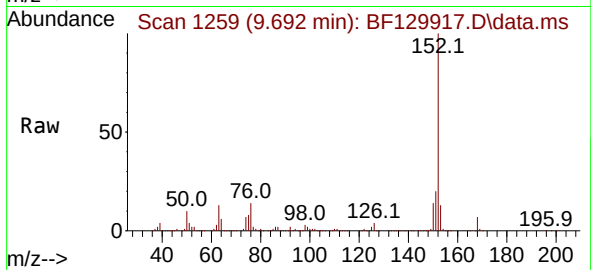
TP3-0815MS

Tgt Ion:152 Resp: 1330570
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.4 10.6 16.0

Manual Integrations

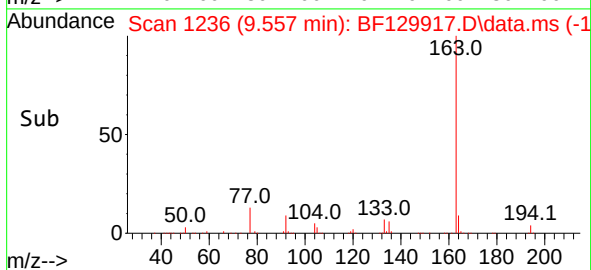
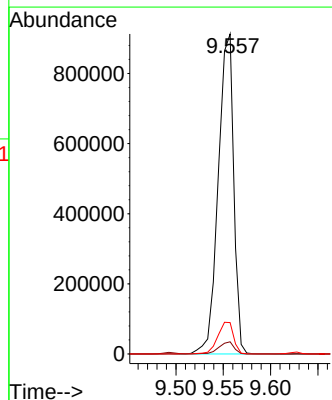
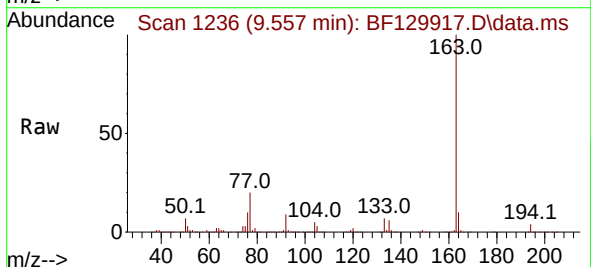
APPROVED

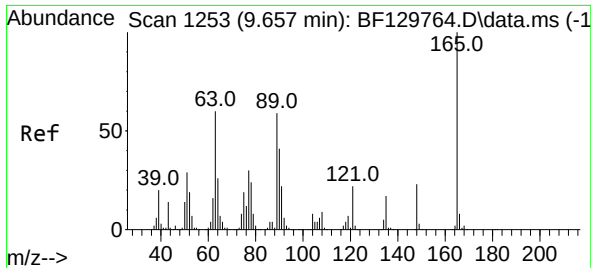
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#50
Dimethylphthalate
Concen: 47.976 ng
RT: 9.557 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

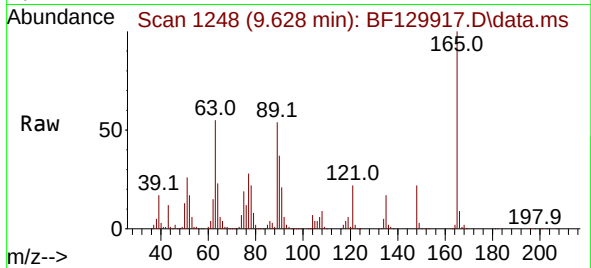
Tgt Ion:163 Resp: 1038319
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.718 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

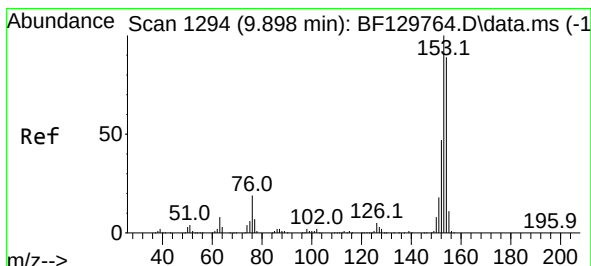
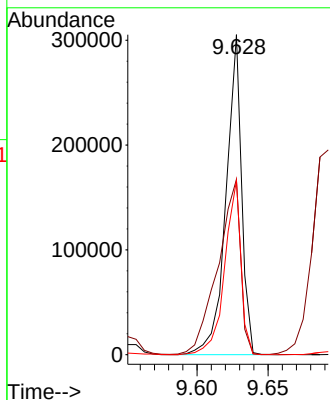
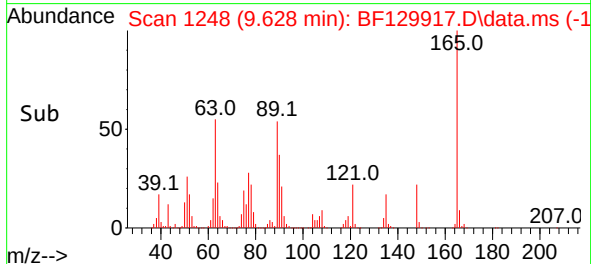
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



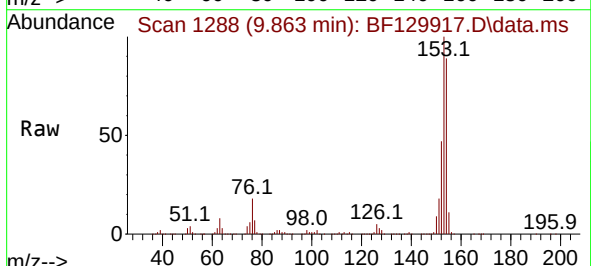
Tgt Ion:165 Resp: 233414
Ion Ratio Lower Upper
165 100
63 54.8 47.8 71.8
89 54.4 47.2 70.8

Manual Integrations
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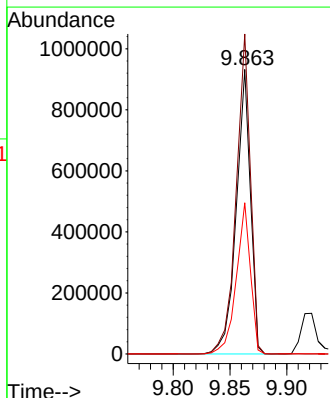
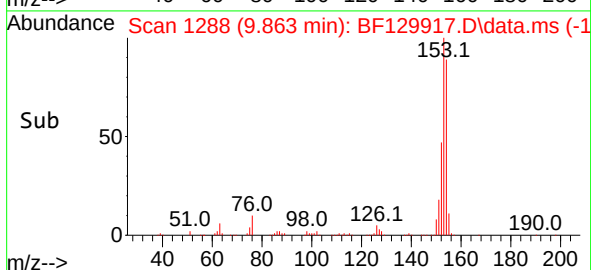
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

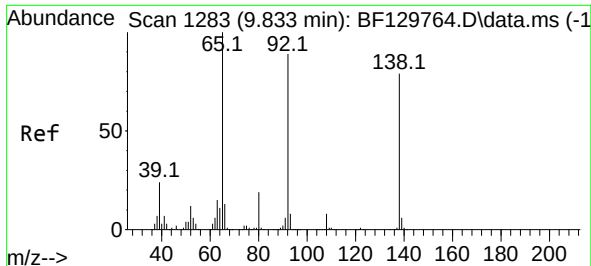


#52
Acenaphthene
Concen: 48.543 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



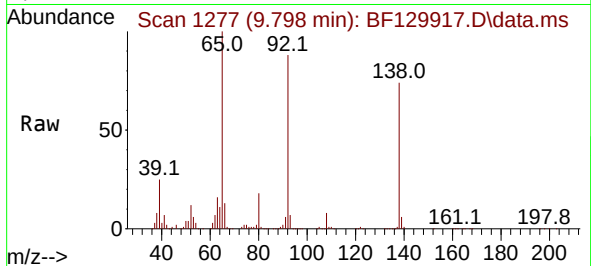
Tgt Ion:154 Resp: 810449
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.6
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 30.388 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

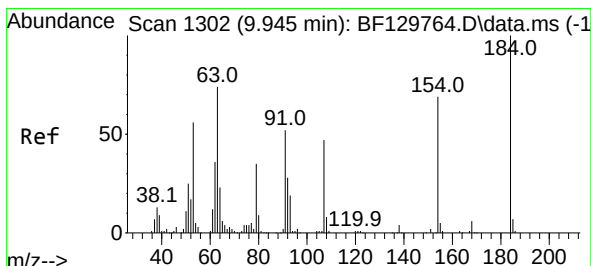
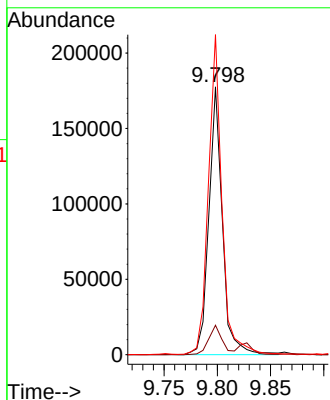
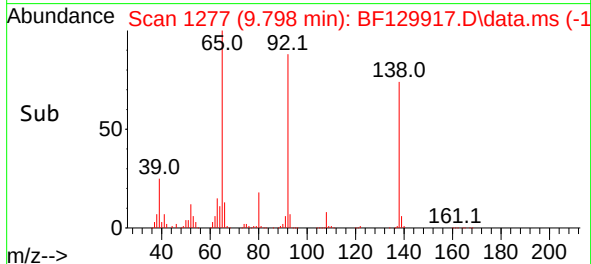
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:138 Resp: 157768
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 119.5 89.8 134.8

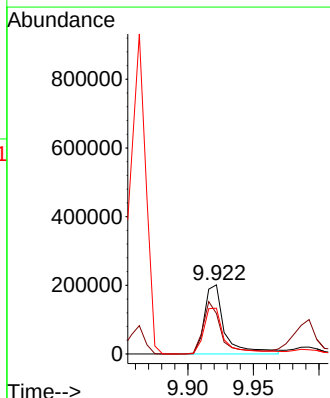
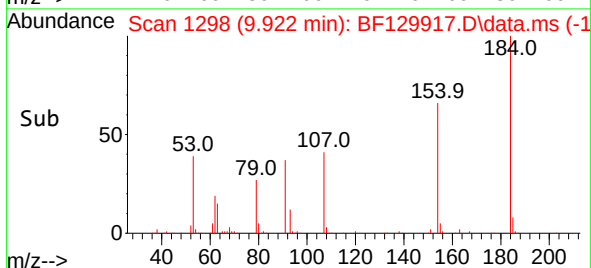
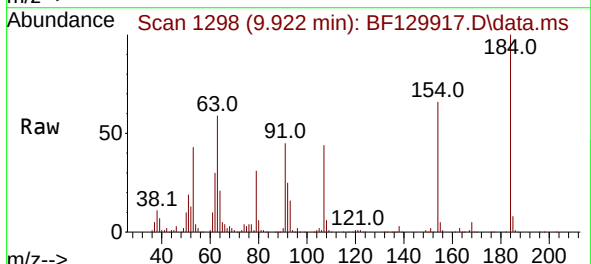
Manual Integrations
APPROVED

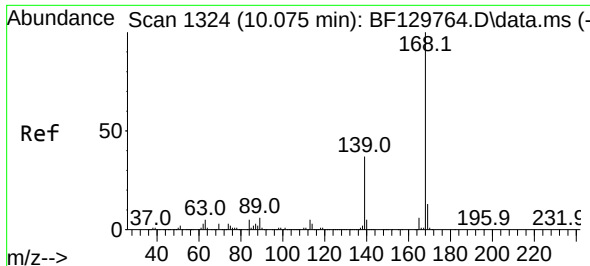
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 100.802 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

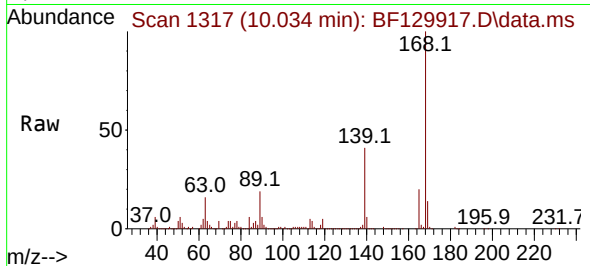
Tgt Ion:184 Resp: 217203
Ion Ratio Lower Upper
184 100
63 58.5 59.6 89.4#
154 66.3 55.3 82.9





#55
Dibenzofuran
Concen: 48.146 ng
RT: 10.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

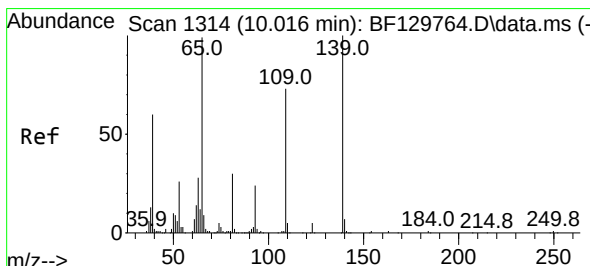
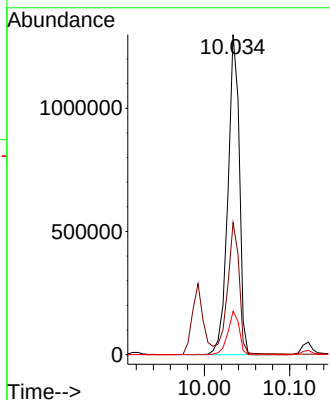
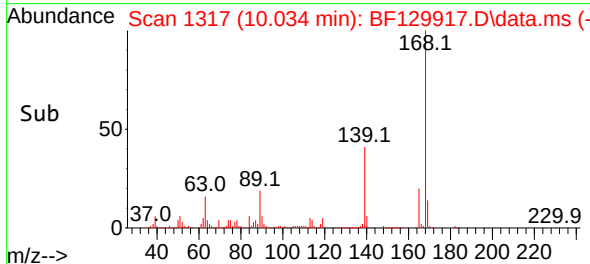
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:168 Resp: 1207610
Ion Ratio Lower Upper
168 100
139 41.2 31.3 46.9
169 13.5 10.7 16.1

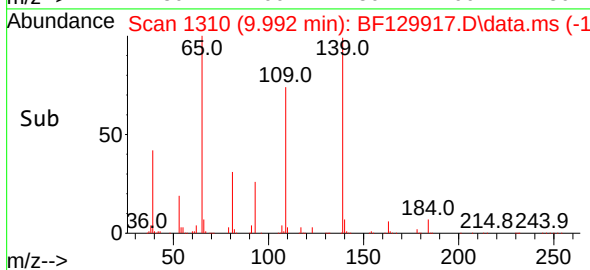
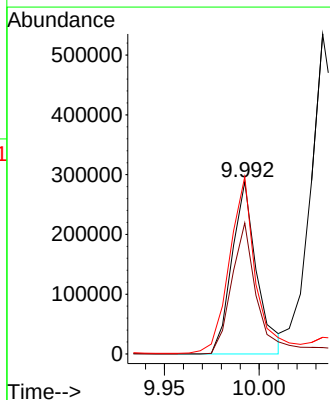
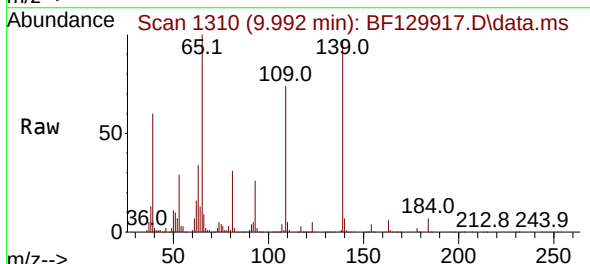
Manual Integrations
APPROVED

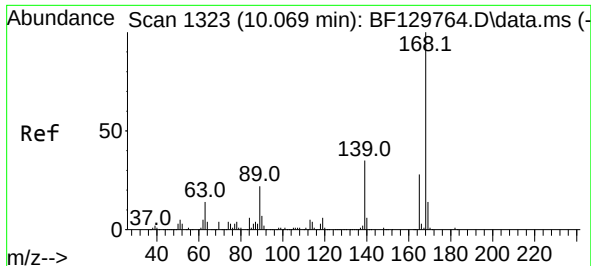
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#56
4-Nitrophenol
Concen: 113.507 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

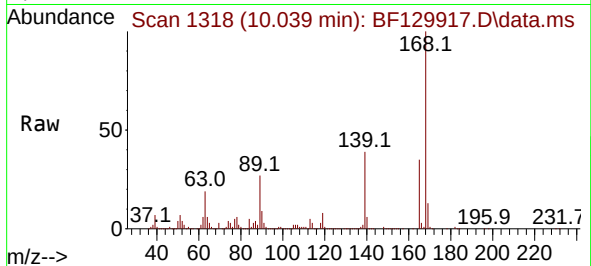
Tgt Ion:139 Resp: 262172
Ion Ratio Lower Upper
139 100
109 76.1 52.9 92.9
65 103.0 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 48.984 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

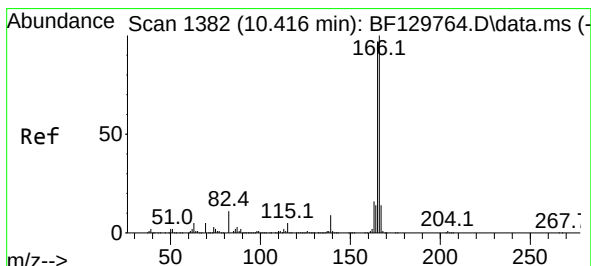
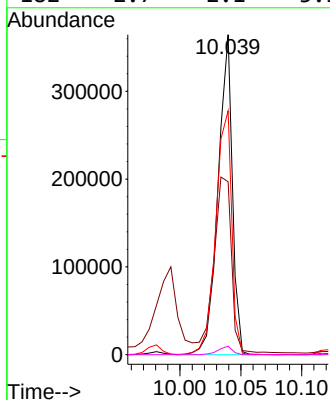
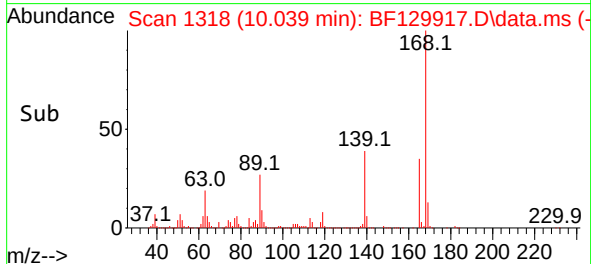
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



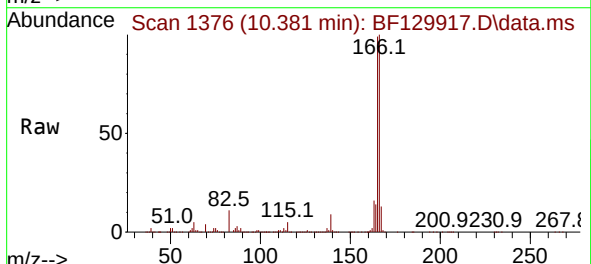
Tgt Ion:165 Resp: 298520
Ion Ratio Lower Upper
165 100
63 54.1 48.4 72.6
89 76.2 62.3 93.5
182 2.7 2.1 3.1

Manual Integrations
APPROVED

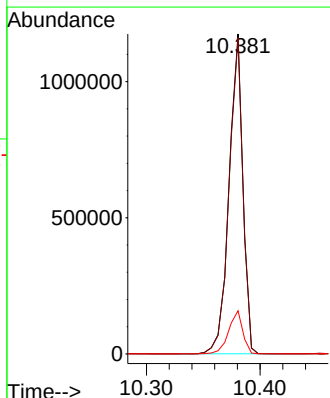
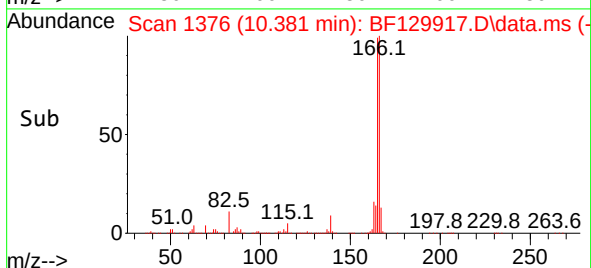
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

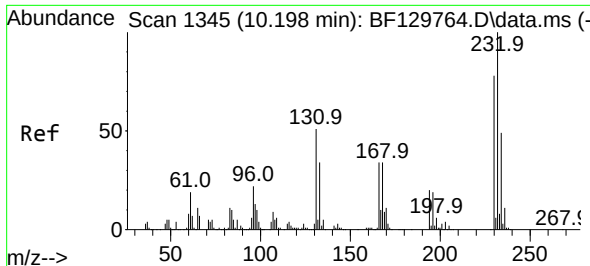


#58
Fluorene
Concen: 47.490 ng
RT: 10.381 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



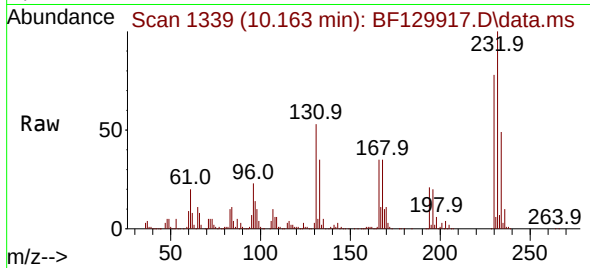
Tgt Ion:166 Resp: 994578
Ion Ratio Lower Upper
166 100
165 98.9 77.9 116.9
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.828 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

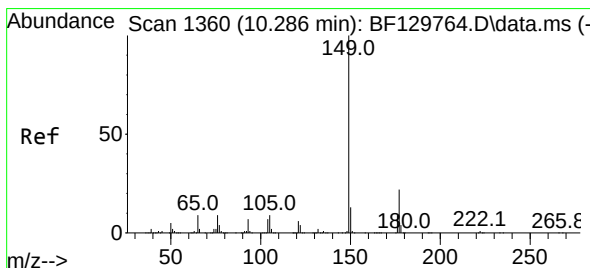
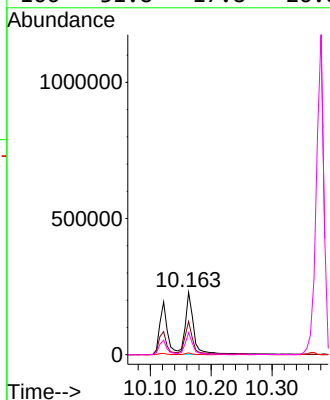
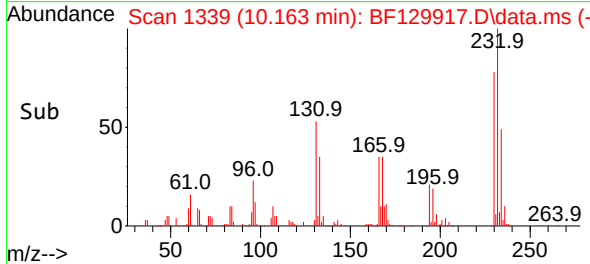
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:232 Resp: 21894
Ion Ratio Lower Upper
232 100
131 48.0 29.9 44.9
130 2.6 1.5 2.3
166 31.8 17.8 26.8

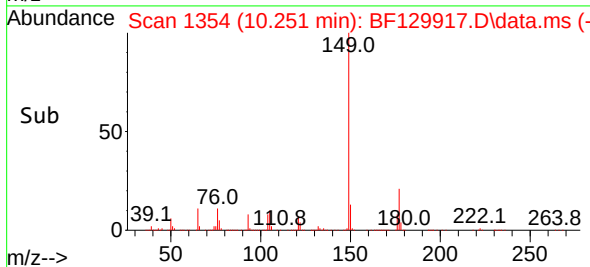
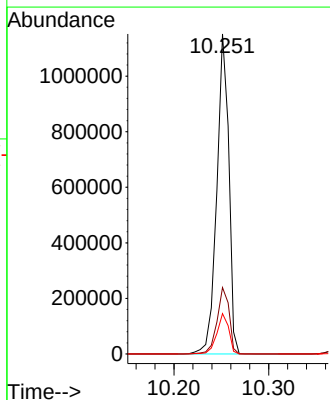
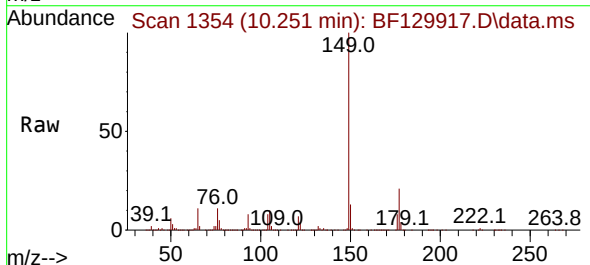
Manual Integrations
APPROVED

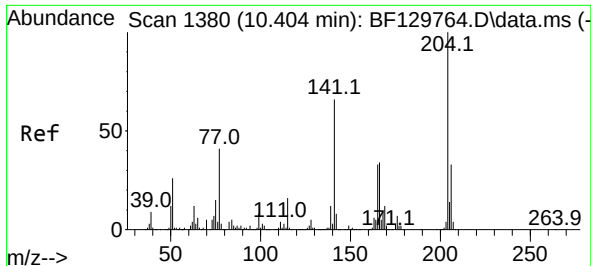
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#60
Diethylphthalate
Concen: 46.906 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

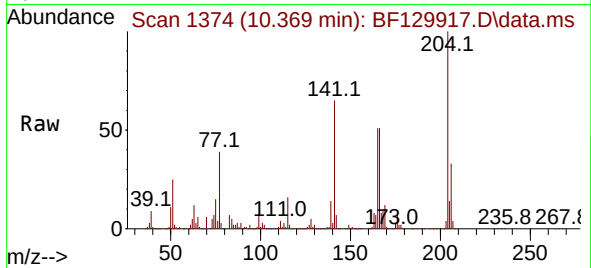
Tgt Ion:149 Resp: 1012213
Ion Ratio Lower Upper
149 100
177 20.8 17.7 26.5
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.126 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

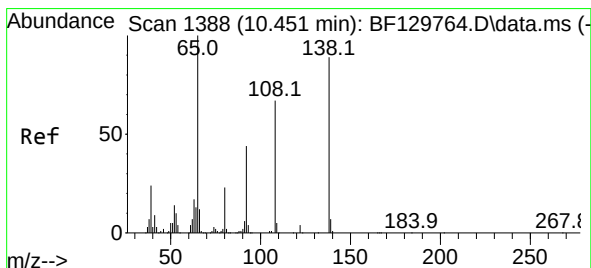
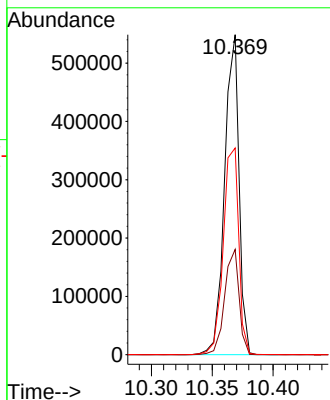
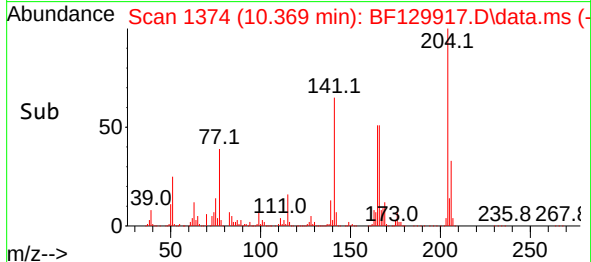
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:204 Resp: 452315
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.6 52.6 79.0

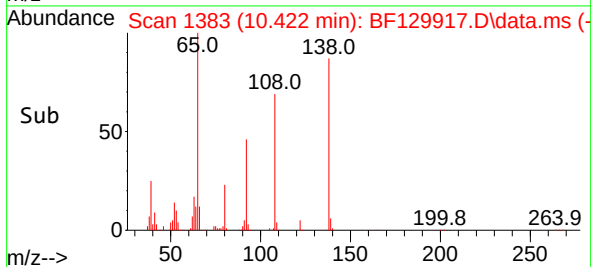
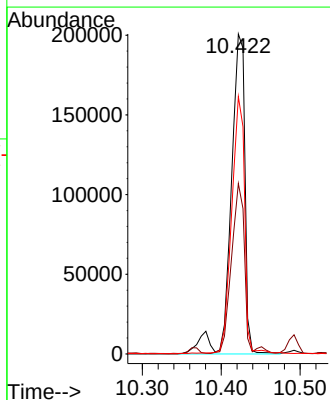
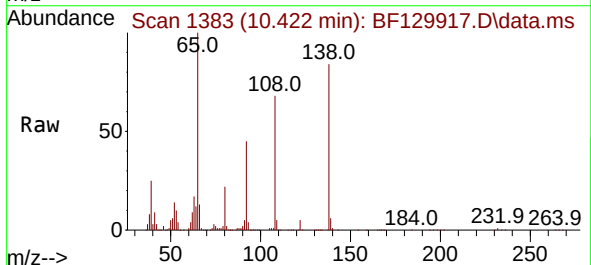
Manual Integrations
APPROVED

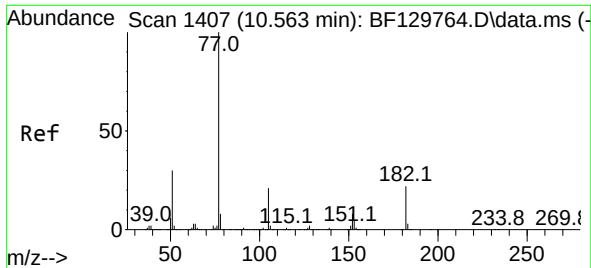
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#62
4-Nitroaniline
Concen: 47.112 ng m
RT: 10.422 min Scan# 1383
Delta R.T. 0.012 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

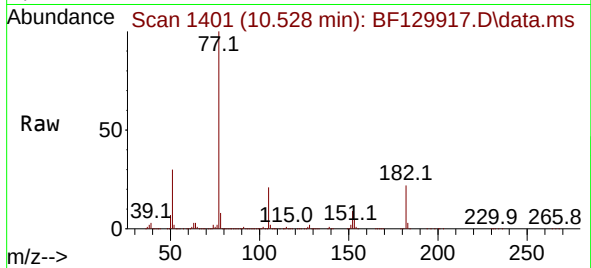
Tgt Ion:138 Resp: 246757
Ion Ratio Lower Upper
138 100
92 53.2 30.3 70.3
108 80.4 55.7 95.7





#63
Azobenzene
Concen: 48.015 ng
RT: 10.528 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

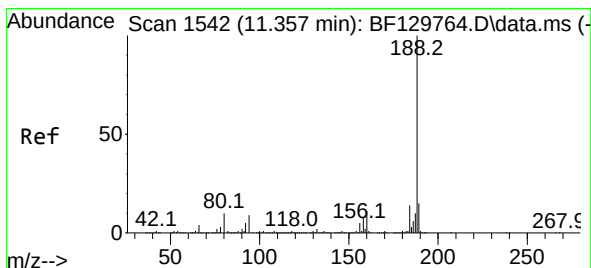
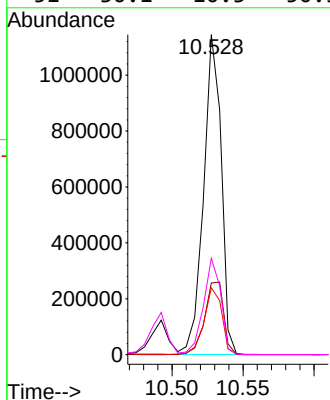
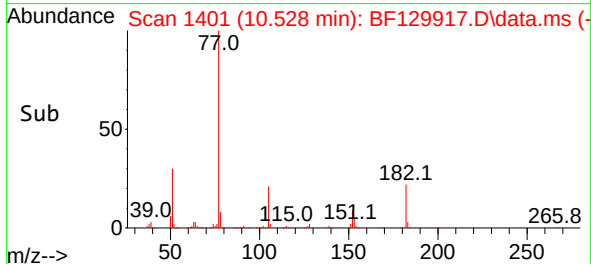
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



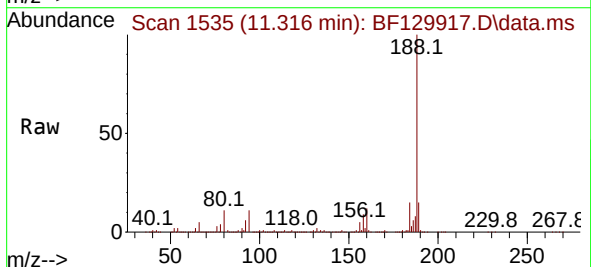
Tgt Ion: 77 Resp: 990409
Ion Ratio Lower Upper
77 100
182 22.4 2.2 42.2
105 20.9 0.8 40.8
51 30.1 10.3 50.3

Manual Integrations
APPROVED

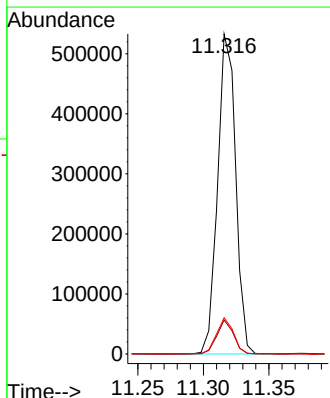
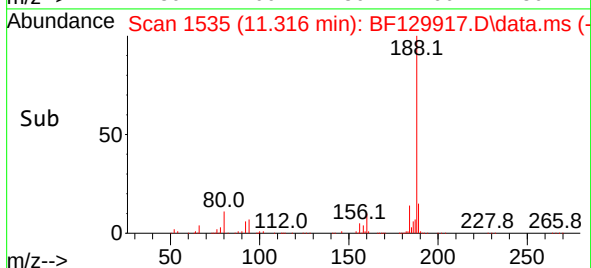
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

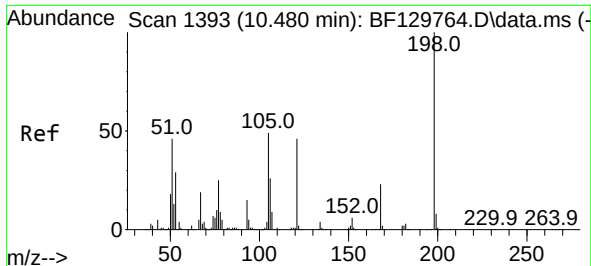


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



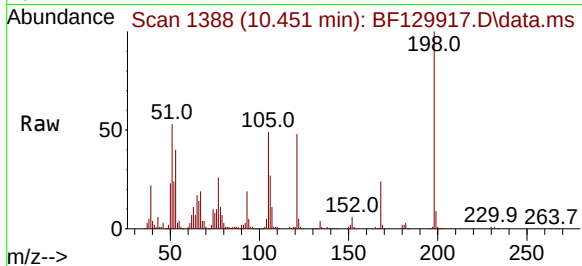
Tgt Ion:188 Resp: 508171
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 51.089 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

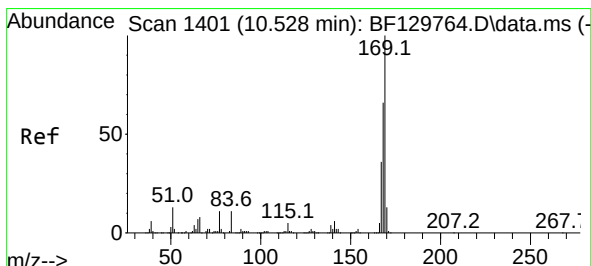
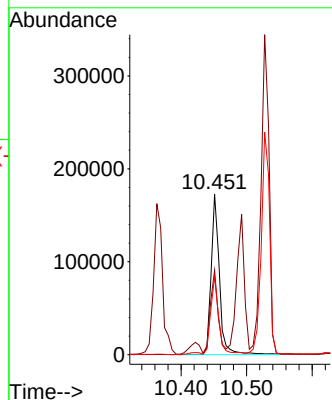
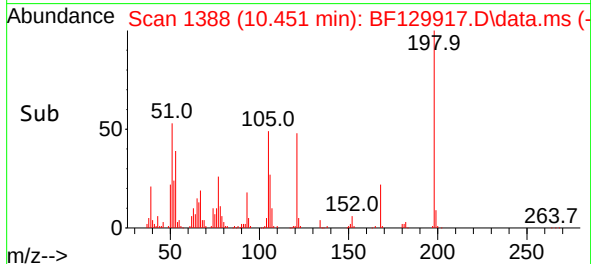
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:198 Resp: 15241
Ion Ratio Lower Upper
198 100
51 52.6 29.4 69.4
105 48.8 29.2 69.2

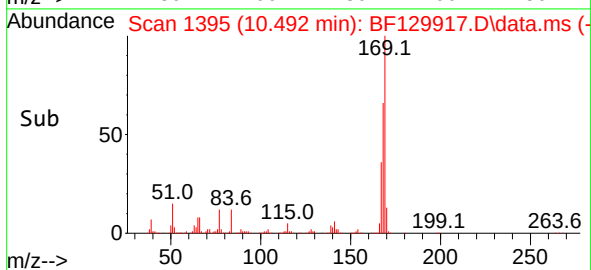
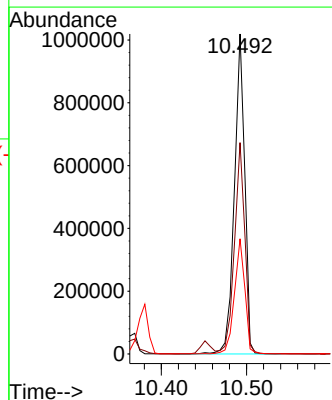
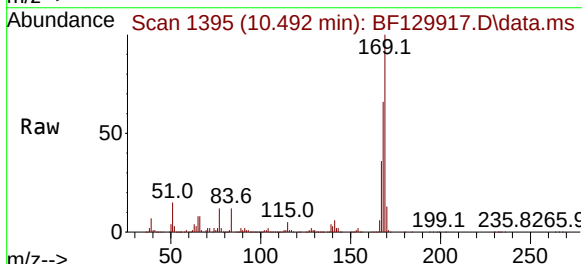
Manual Integrations
APPROVED

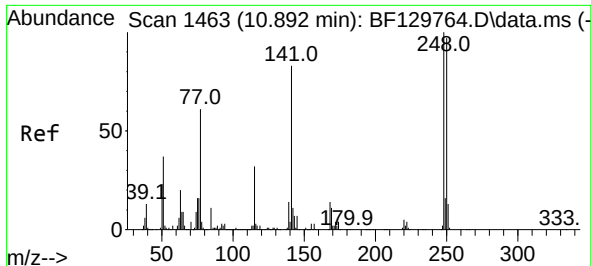
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#66
n-Nitrosodiphenylamine
Concen: 49.960 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Tgt Ion:169 Resp: 856905
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.0 29.1 43.7





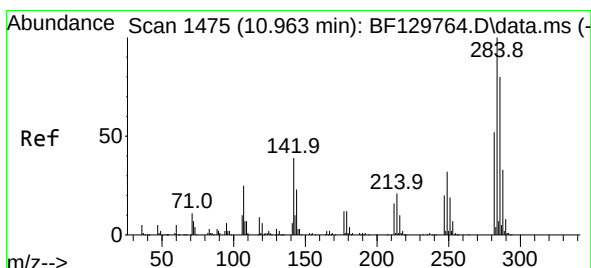
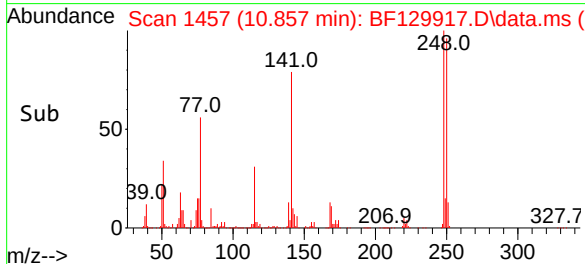
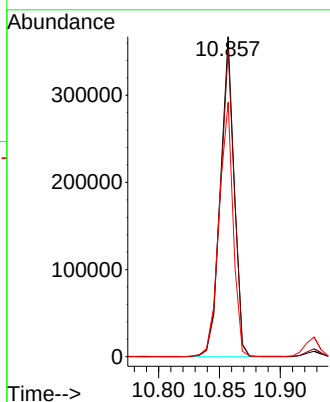
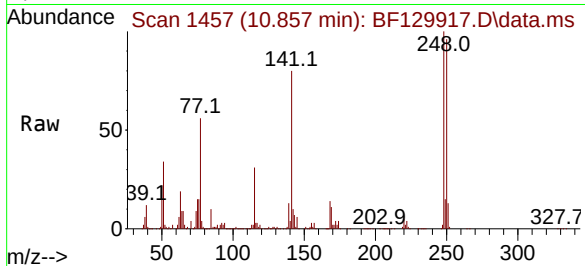
#67
4-Bromophenyl-phenylether
Concen: 48.968 ng
RT: 10.857 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Instrument :
BNA_F
ClientSampleId :
TP3-0815MS

Tgt Ion:248 Resp: 291458
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.6
141 79.5 66.2 99.2

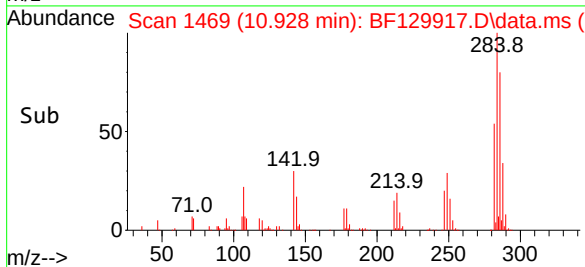
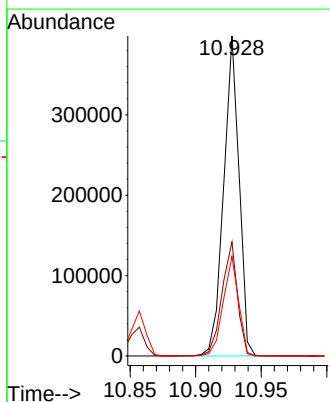
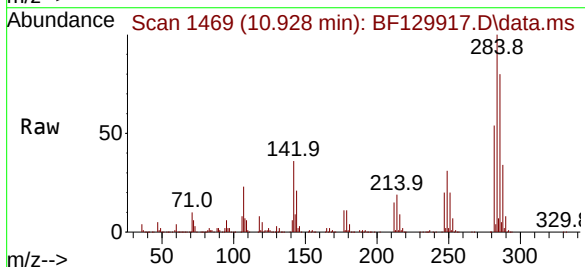
Manual Integrations
APPROVED

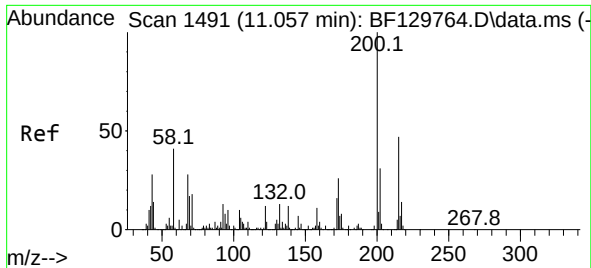
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#68
Hexachlorobenzene
Concen: 50.348 ng
RT: 10.928 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

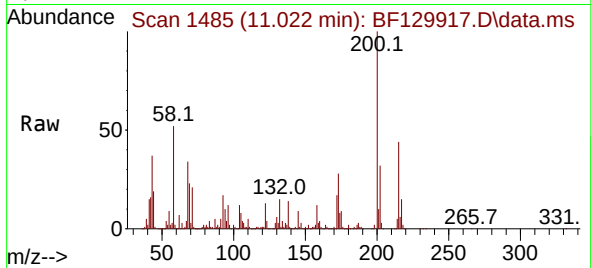
Tgt Ion:284 Resp: 324617
Ion Ratio Lower Upper
284 100
142 35.6 31.4 47.0
249 31.1 25.7 38.5





#69
Atrazine
Concen: 52.050 ng
RT: 11.022 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

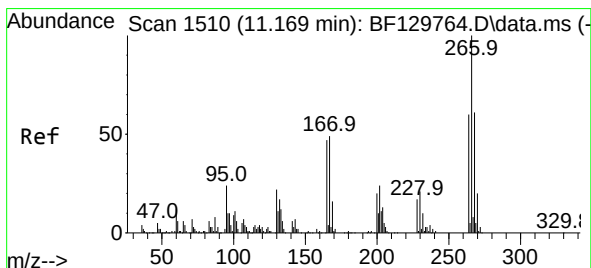
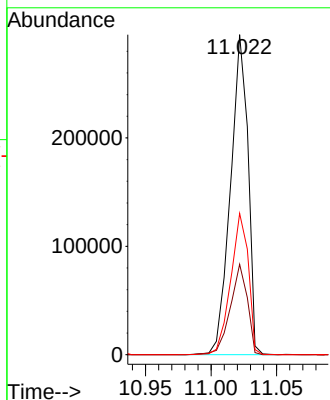
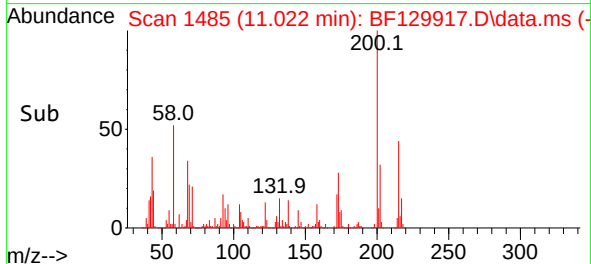
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



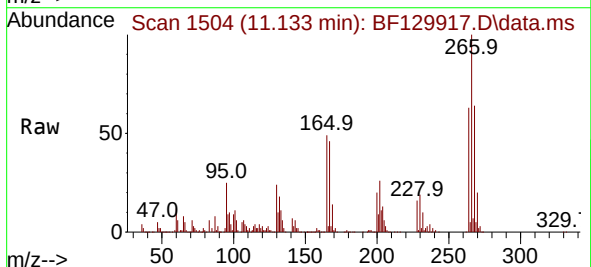
Tgt Ion:200 Resp: 27400
Ion Ratio Lower Upper
200 100
173 28.2 6.4 46.4
215 44.1 27.1 67.1

Manual Integrations
APPROVED

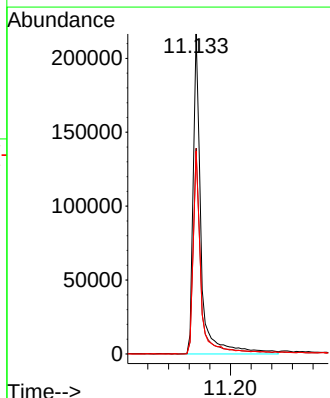
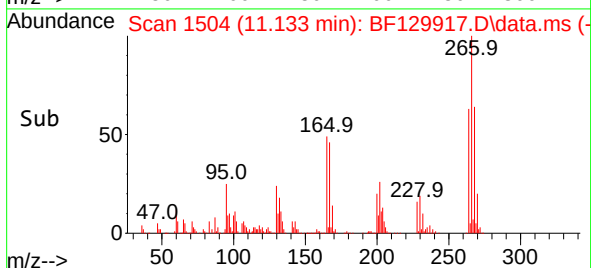
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

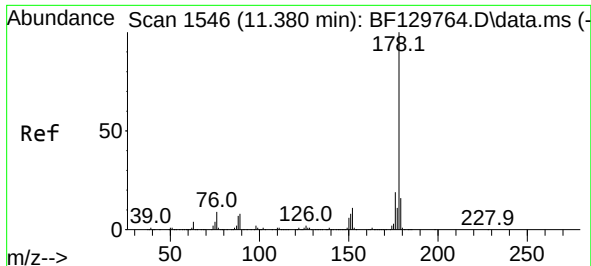


#70
Pentachlorophenol
Concen: 116.747 ng
RT: 11.133 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



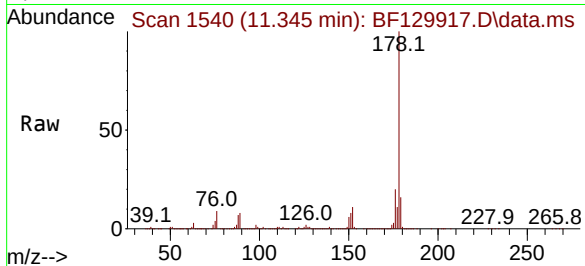
Tgt Ion:266 Resp: 230546
Ion Ratio Lower Upper
266 100
268 64.3 49.0 73.4
264 63.4 47.9 71.9





#71
Phenanthrene
Concen: 48.861 ng
RT: 11.345 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

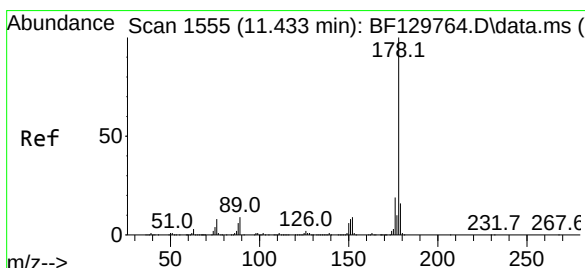
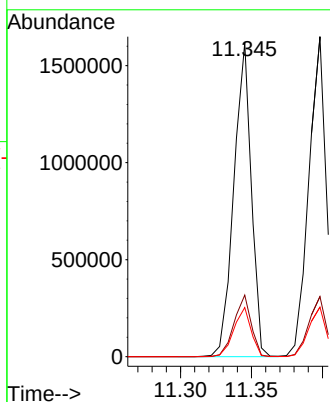
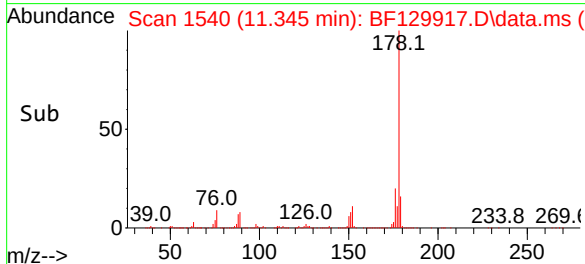
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



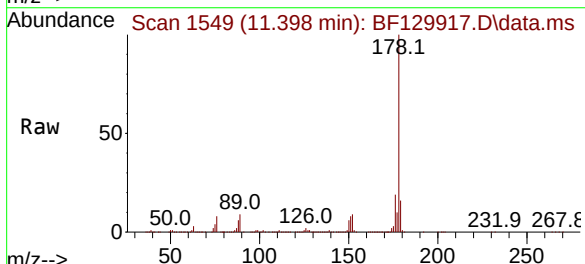
Tgt Ion:178 Resp: 1386729
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.5 18.7

Manual Integrations
APPROVED

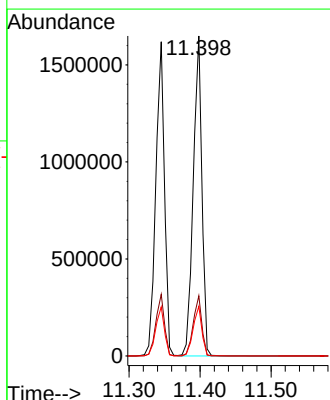
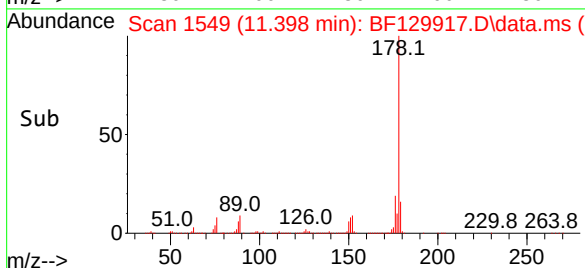
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

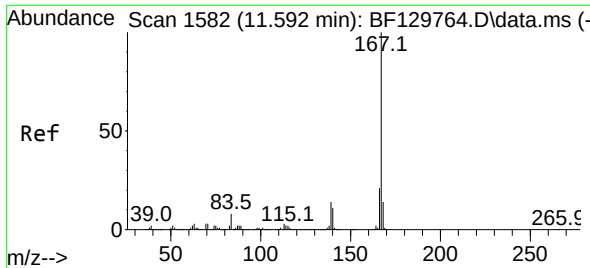


#72
Anthracene
Concen: 49.589 ng
RT: 11.398 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



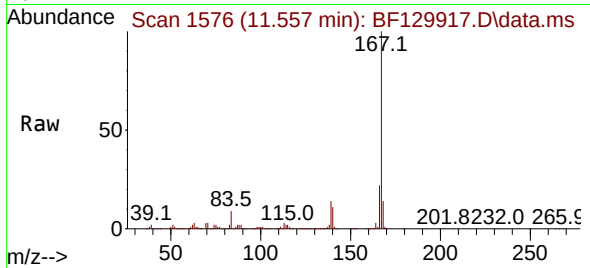
Tgt Ion:178 Resp: 1399586
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 50.539 ng
 RT: 11.557 min Scan# 1157
 Delta R.T. 0.006 min
 Lab File: BF129917.D
 Acq: 19 Aug 2022 19:18

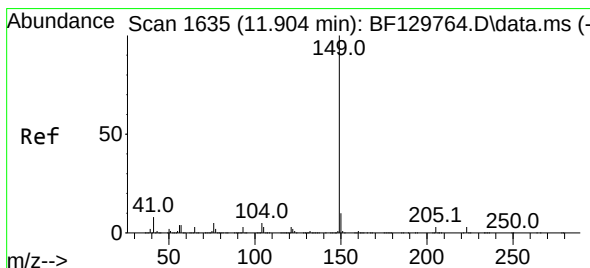
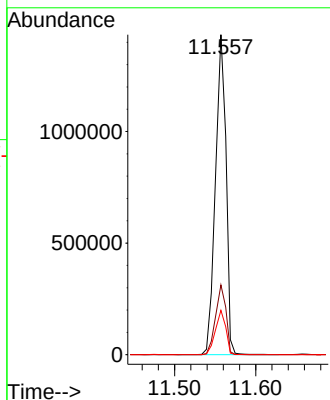
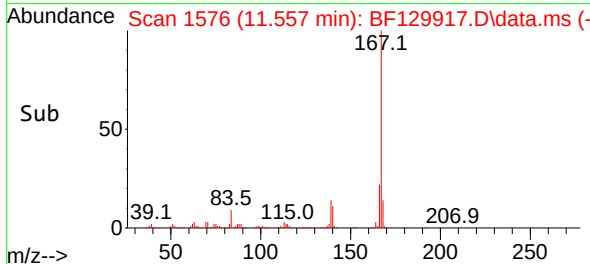
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MS



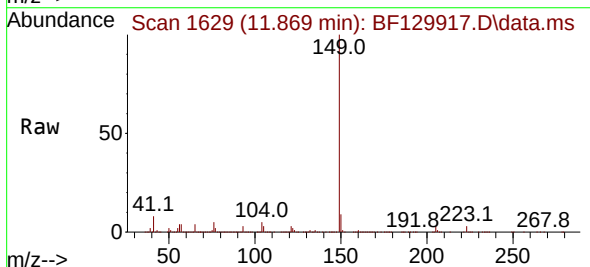
Tgt Ion:167 Resp: 1294840
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.9 11.0 16.6

Manual Integrations
 APPROVED

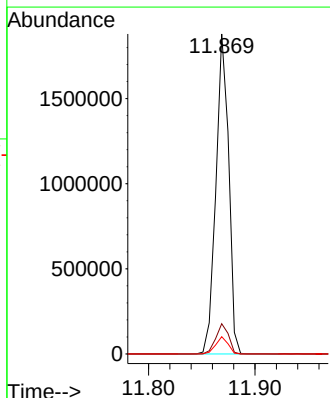
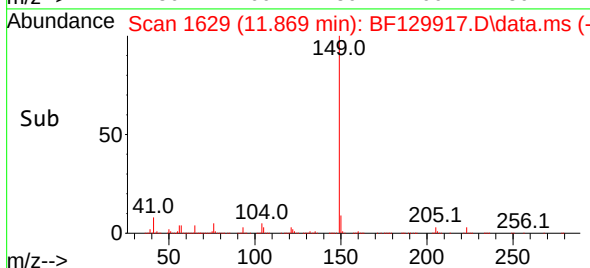
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

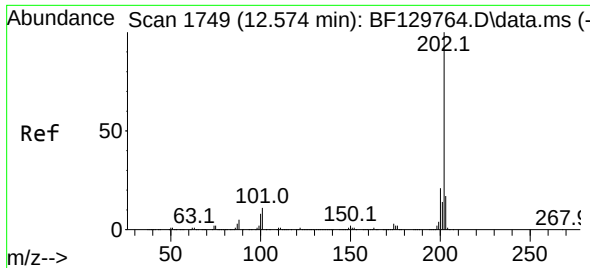


#74
 Di-n-butylphthalate
 Concen: 47.489 ng
 RT: 11.869 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF129917.D
 Acq: 19 Aug 2022 19:18



Tgt Ion:149 Resp: 1565875
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.4 4.2 6.4





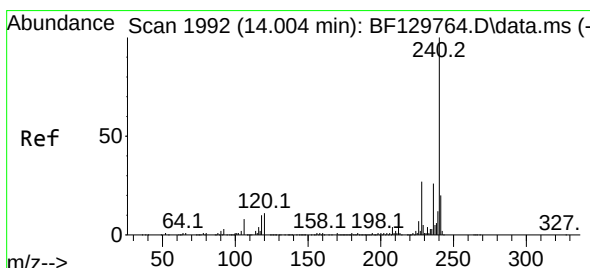
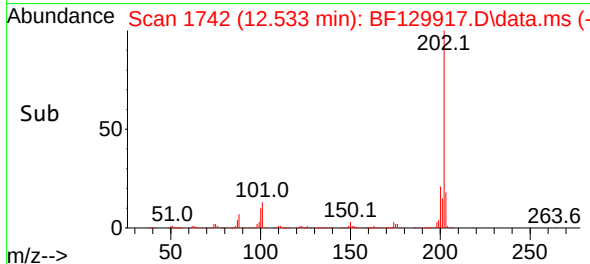
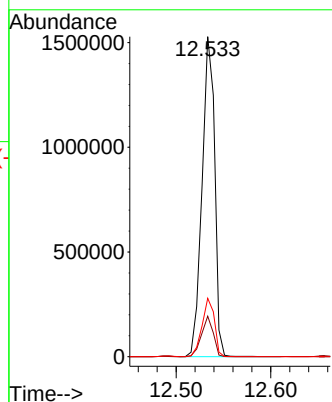
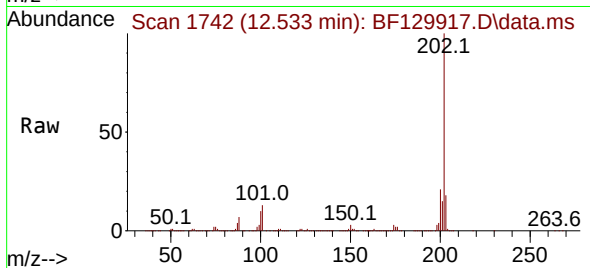
#75
Fluoranthene
Concen: 48.620 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Instrument :
BNA_F
ClientSampleId :
TP3-0815MS

Tgt Ion:202 Resp: 141203
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.7
203 18.3 0.0 37.5

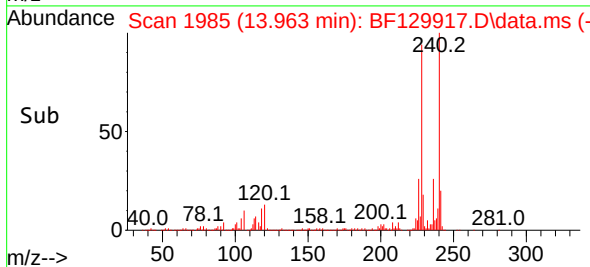
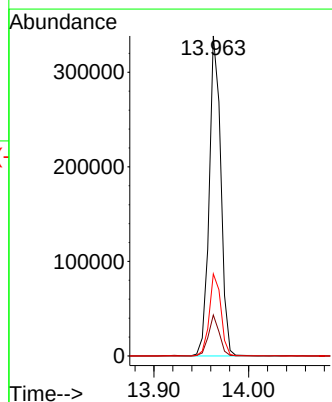
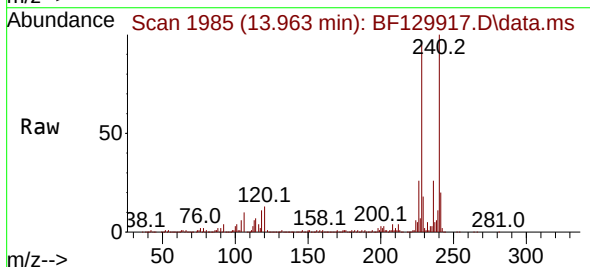
Manual Integrations
APPROVED

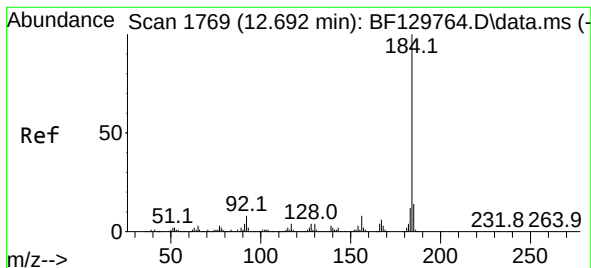
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Tgt Ion:240 Resp: 287530
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.7 20.7 31.1





#77

Benzidine

Concen: 68.346 ng

RT: 12.657 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

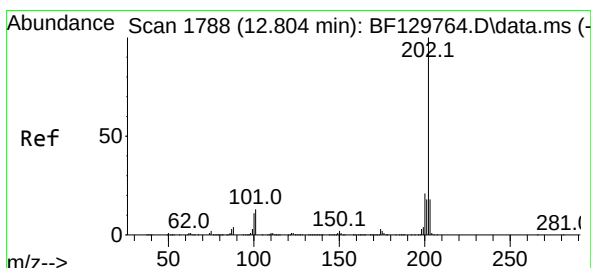
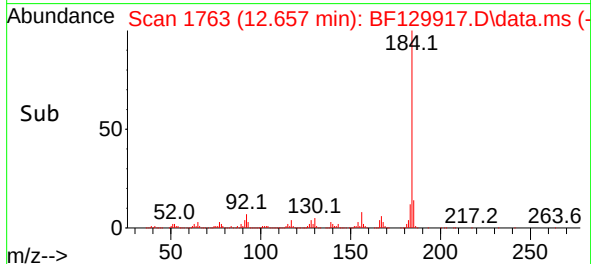
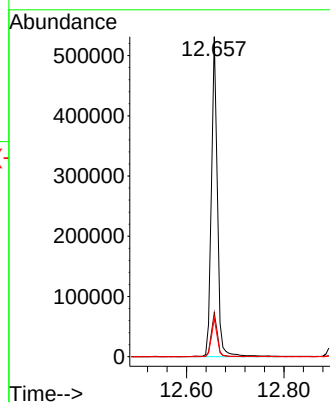
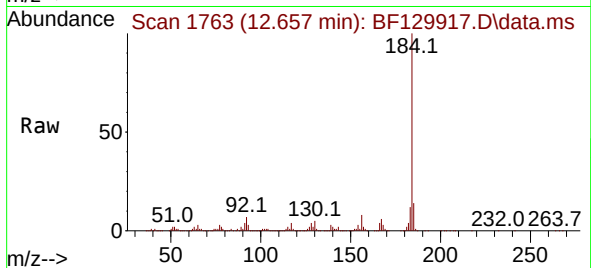
Tgt Ion:	184	Resp:	45249
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.4	17.2
183	11.9	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#78

Pyrene

Concen: 55.643 ng

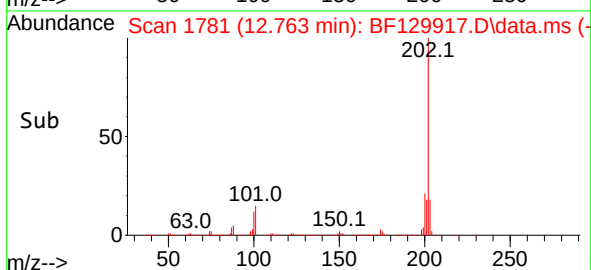
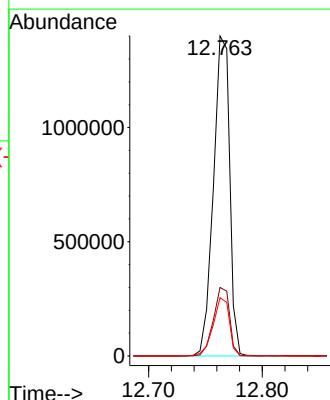
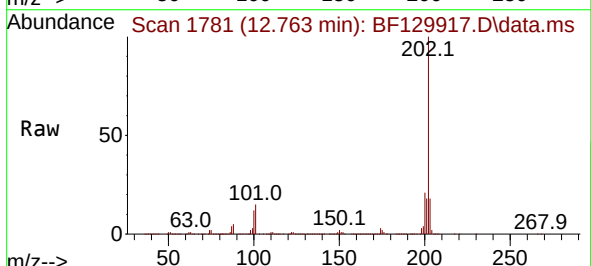
RT: 12.763 min Scan# 1781

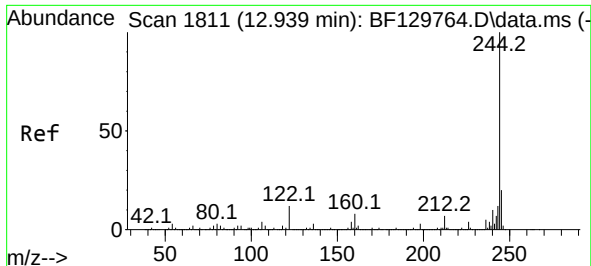
Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

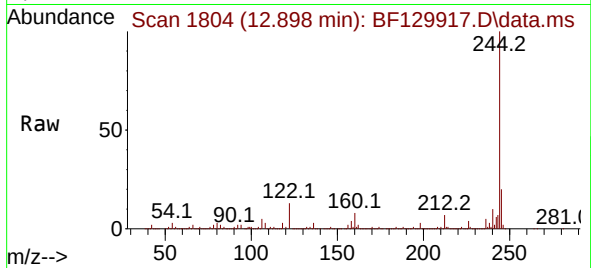
Tgt Ion:	202	Resp:	1390294
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.6
203	18.2	14.1	21.1





#79
Terphenyl-d14
Concen: 82.190 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

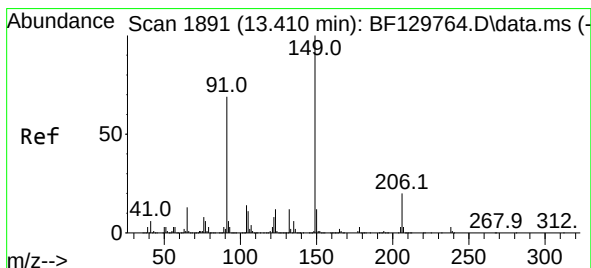
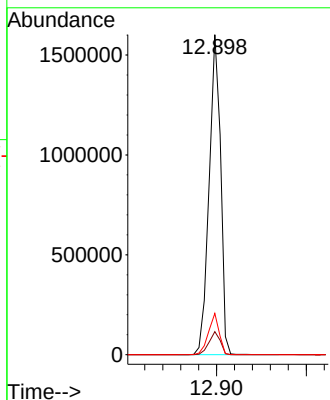
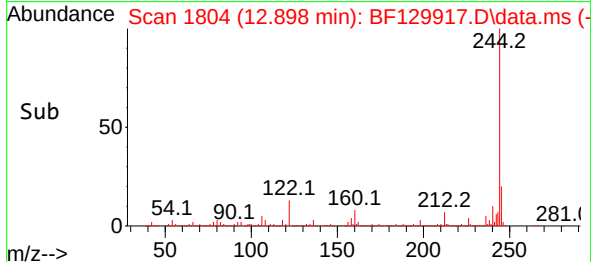
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion:244 Resp: 142025
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.9 9.9 14.9

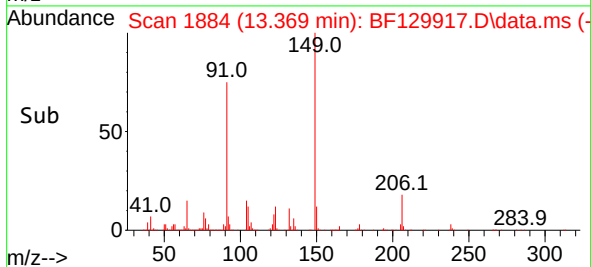
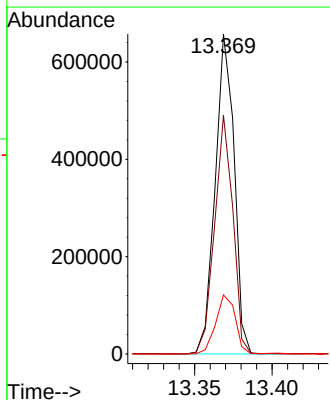
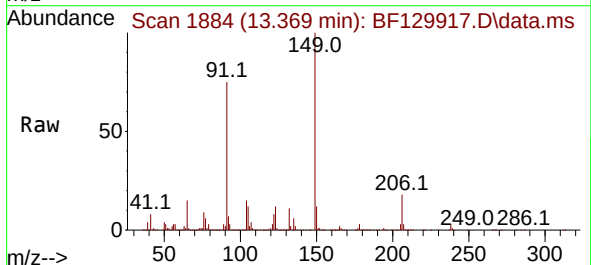
Manual Integrations
APPROVED

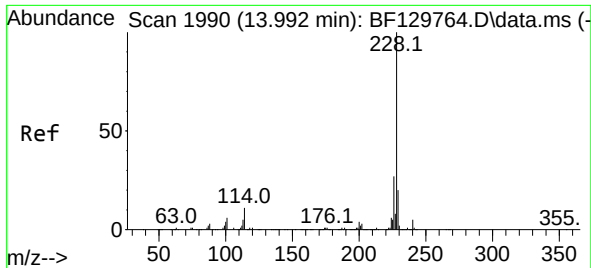
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#80
Butylbenzylphthalate
Concen: 52.991 ng
RT: 13.369 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

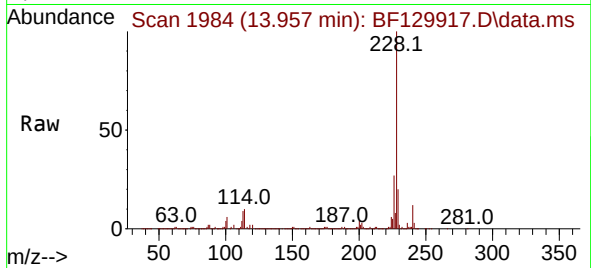
Tgt Ion:149 Resp: 560263
Ion Ratio Lower Upper
149 100
91 74.6 55.4 83.0
206 18.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 50.058 ng
RT: 13.957 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

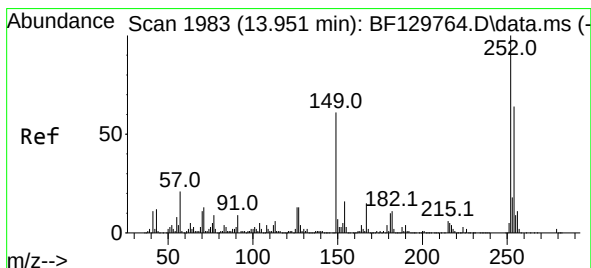
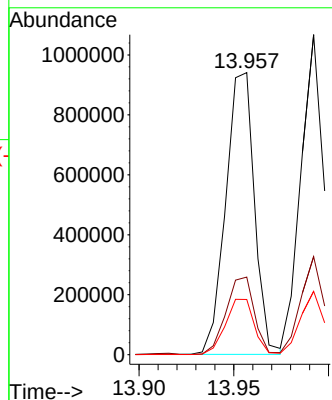
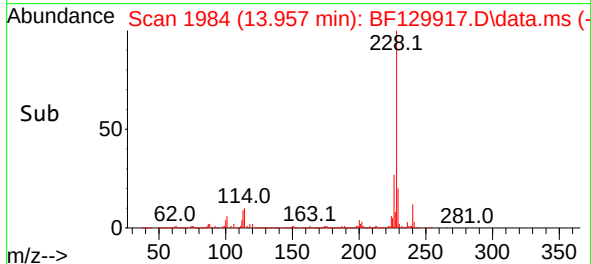
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



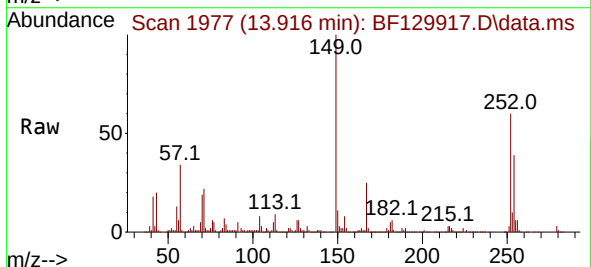
Tgt Ion:228 Resp: 99012
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.6 16.1 24.1

Manual Integrations
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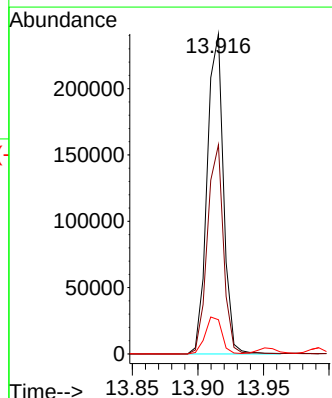
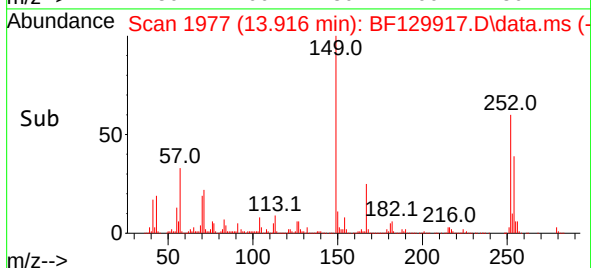
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

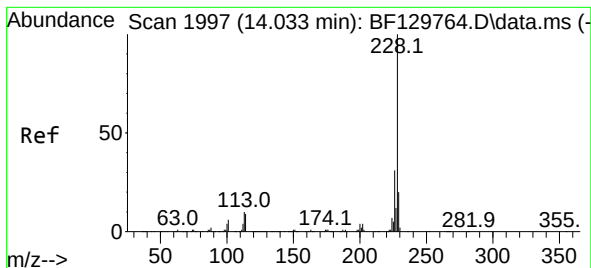


#82
3,3'-Dichlorobenzidine
Concen: 34.176 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



Tgt Ion:252 Resp: 209353
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 10.7 10.2 15.4





#83

Chrysene

Concen: 48.598 ng

RT: 13.992 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

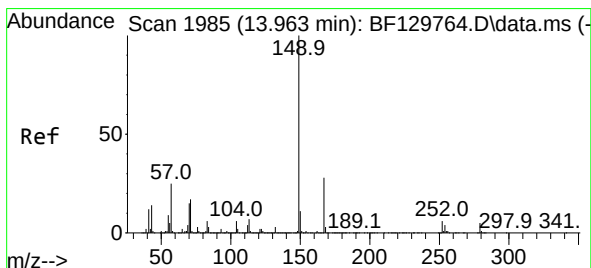
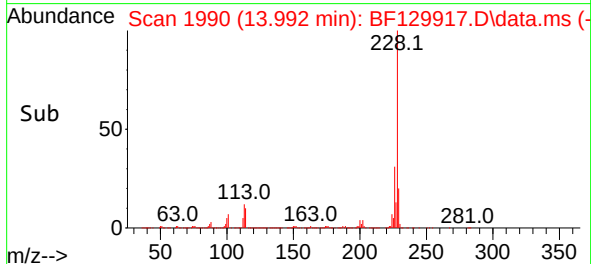
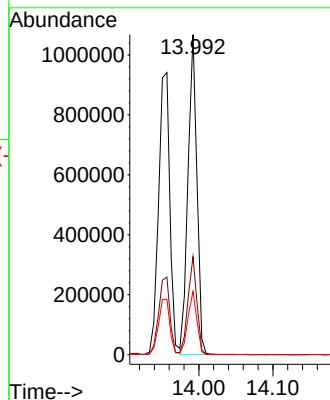
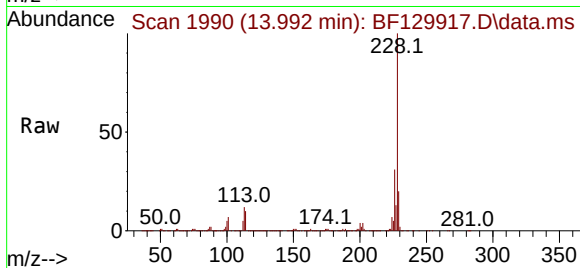
Tgt Ion:228 Resp: 89978

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.8	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.875 ng

RT: 13.922 min Scan# 1978

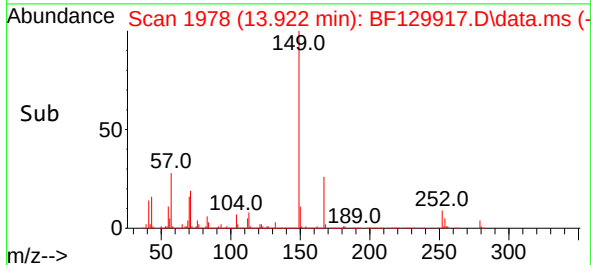
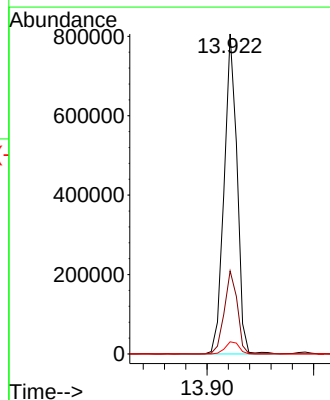
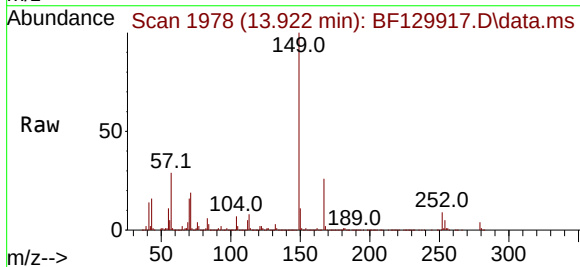
Delta R.T. 0.000 min

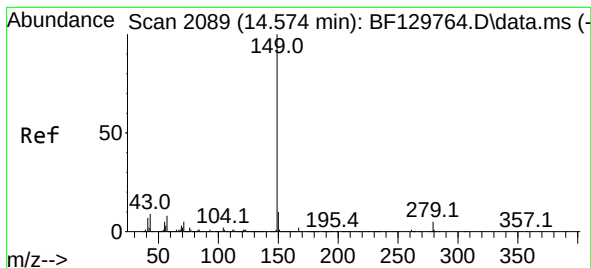
Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Tgt Ion:149 Resp: 675782

Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.0	33.0
279	3.8	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 51.132 ng

RT: 14.533 min Scan# 2082

Delta R.T. 0.000 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

Tgt Ion:149 Resp: 88538

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

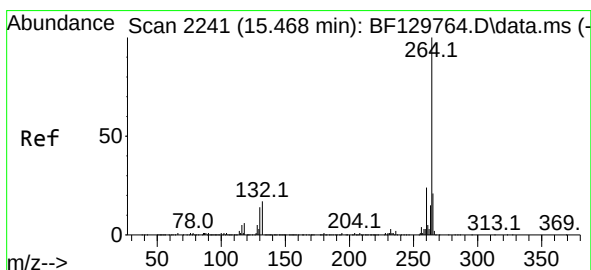
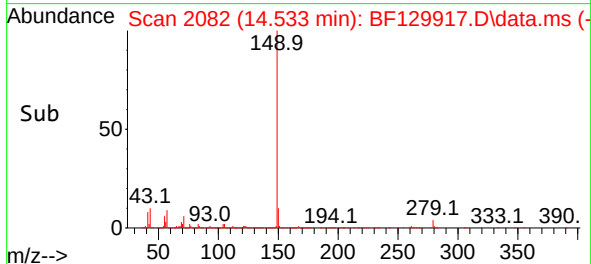
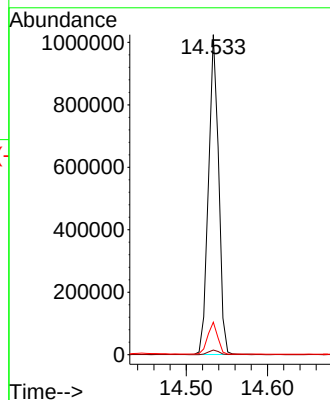
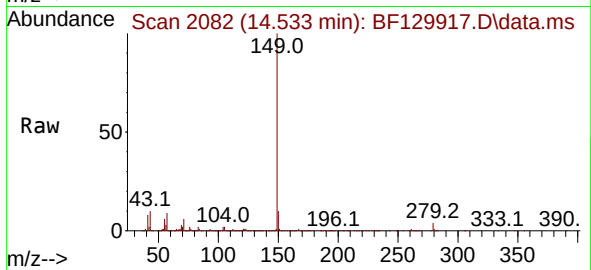
43 9.9 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2233

Delta R.T. 0.006 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

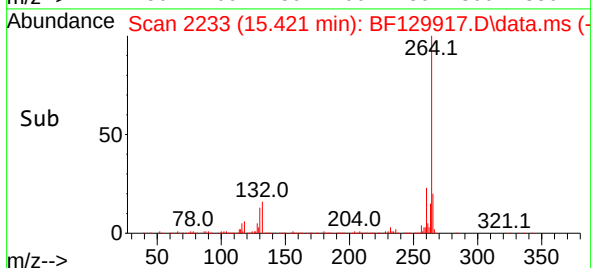
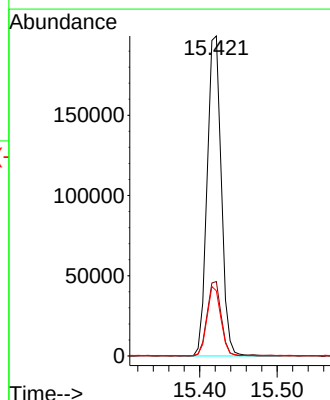
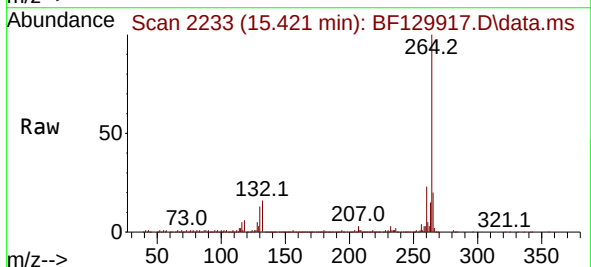
Tgt Ion:264 Resp: 252773

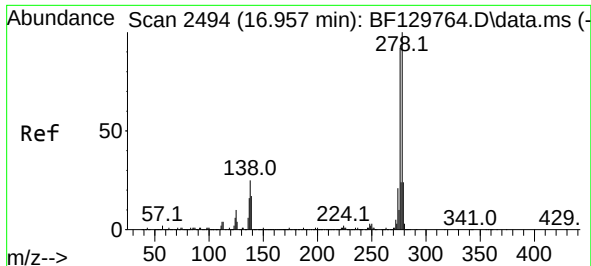
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

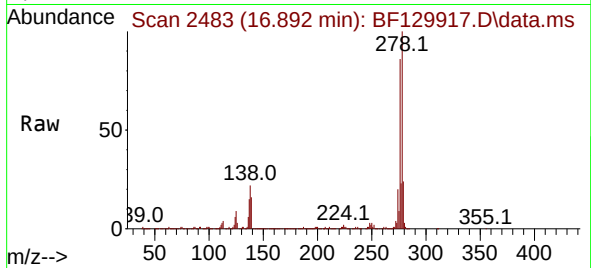
265 20.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.561 ng
RT: 16.892 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

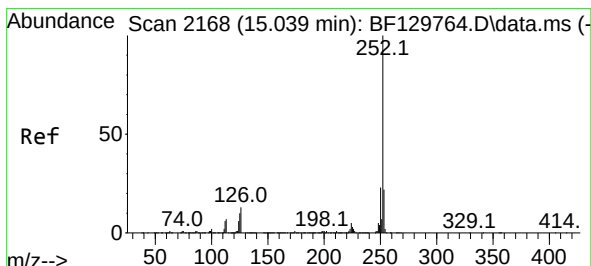
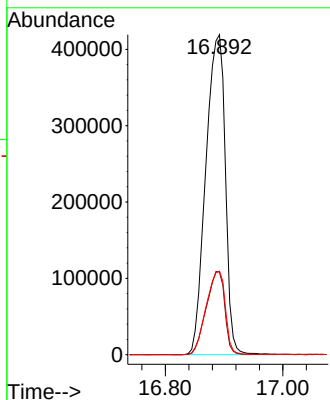
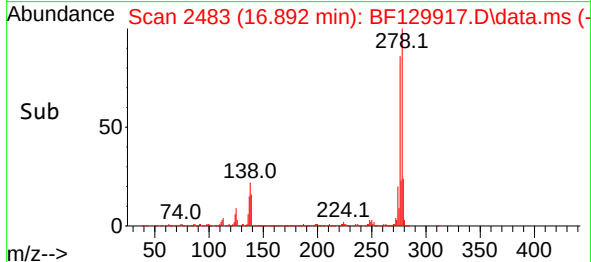
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



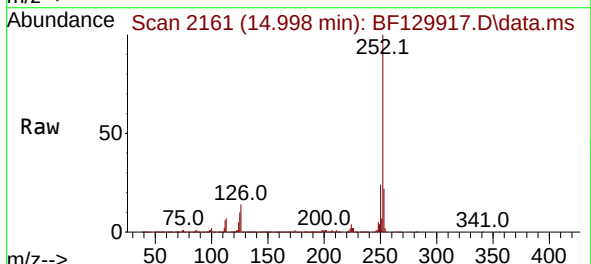
Tgt Ion: 276 Resp: 96415
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.8
277 25.6 20.4 30.6

Manual Integrations
APPROVED

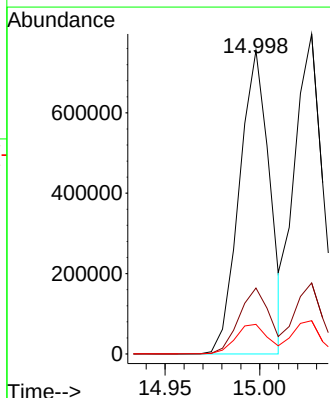
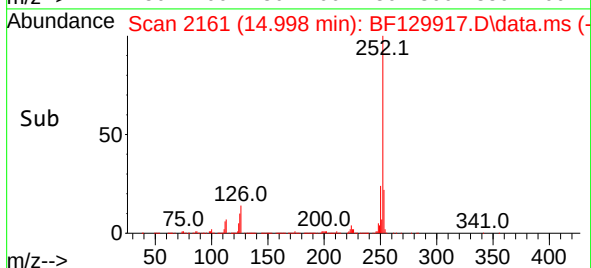
Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022

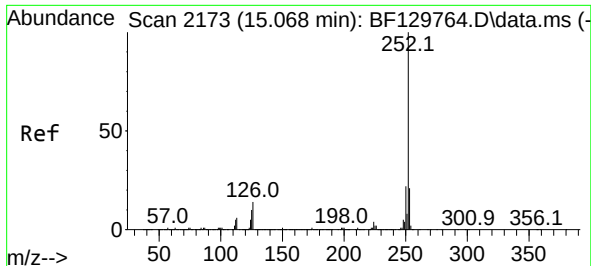


#88
Benzo(b)fluoranthene
Concen: 48.439 ng
RT: 14.998 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18



Tgt Ion: 252 Resp: 838412
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.8 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 48.584 ng

RT: 15.027 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

Instrument :

BNA_F

ClientSampleId :

TP3-0815MS

Tgt Ion:252 Resp: 80645

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

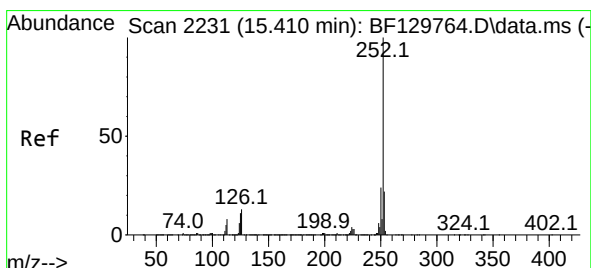
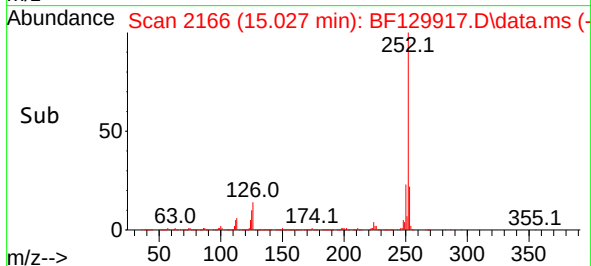
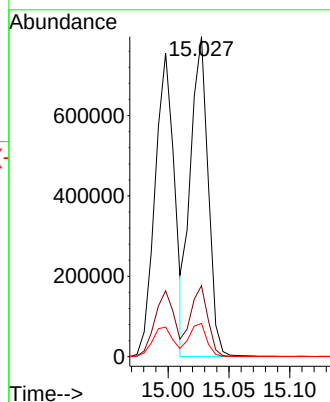
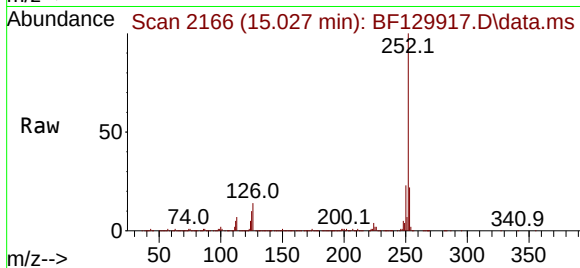
125 10.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#90

Benzo(a)pyrene

Concen: 53.752 ng

RT: 15.363 min Scan# 2223

Delta R.T. 0.006 min

Lab File: BF129917.D

Acq: 19 Aug 2022 19:18

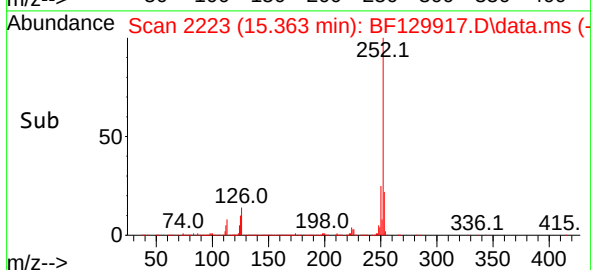
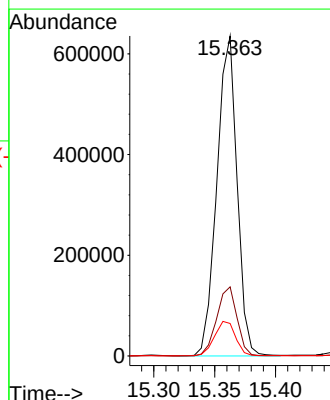
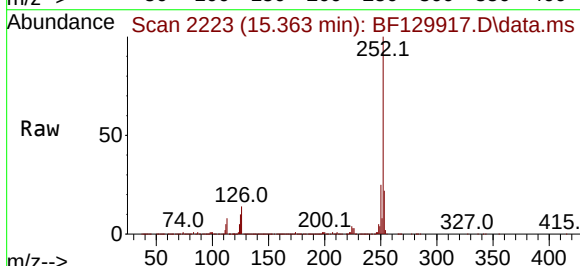
Tgt Ion:252 Resp: 732674

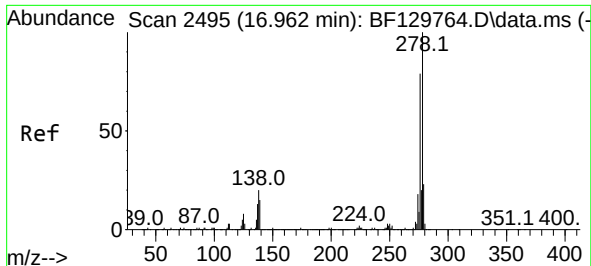
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

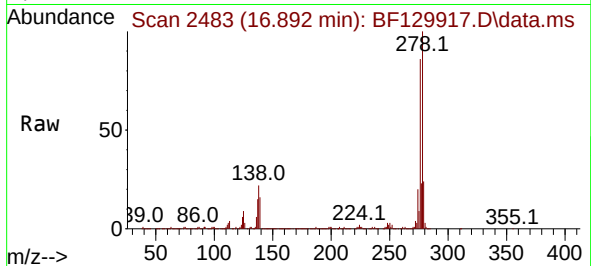
125 10.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 58.233 ng
RT: 16.892 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

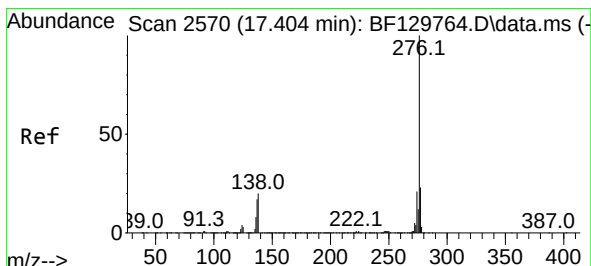
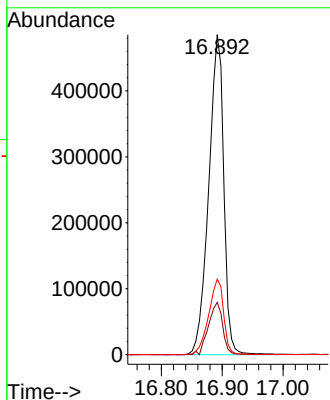
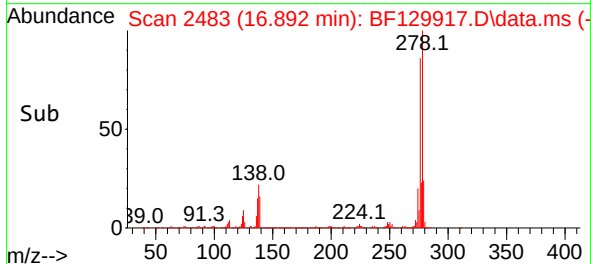
Instrument :
BNA_F
ClientSampleId :
TP3-0815MS



Tgt Ion: 278 Resp: 833804
Ion Ratio Lower Upper
278 100
139 16.4 12.2 18.4
279 23.6 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022



#92
Benzo(g,h,i)perylene
Concen: 59.672 ng
RT: 17.333 min Scan# 2558
Delta R.T. 0.006 min
Lab File: BF129917.D
Acq: 19 Aug 2022 19:18

Tgt Ion: 276 Resp: 852396
Ion Ratio Lower Upper
276 100
277 23.3 18.2 27.4
138 20.8 15.8 23.8

