

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129246.D
 Acq On : 15 Jul 2022 19:21
 Operator : CG\JU
 Sample : N3731-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:42:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	257767	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1038305	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	527281	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	854486	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	450864	20.000	ng	0.00
86) Perylene-d12	15.562	264	483233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1931854	119.693	ng	0.01
7) Phenol-d6	6.528	99	2498914	119.709	ng	0.00
23) Nitrobenzene-d5	7.463	82	1578361	81.258	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	598000	122.189	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2634821	84.659	ng	0.00
79) Terphenyl-d14	13.016	244	2296312	95.277	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	314901	42.825	ng	91
3) Pyridine	3.546	79	813527	43.021	ng	92
4) n-Nitrosodimethylamine	3.499	42	425837	47.674	ng	90
6) Aniline	6.563	93	996773	40.644	ng	100
8) 2-Chlorophenol	6.687	128	854850	50.300	ng	97
9) Benzaldehyde	6.451	77	470163	36.701	ng	96
10) Phenol	6.540	94	1006674m	48.008	ng	
11) bis(2-Chloroethyl)ether	6.634	93	842262	49.526	ng	96
12) 1,3-Dichlorobenzene	6.840	146	859696	47.568	ng	99
13) 1,4-Dichlorobenzene	6.916	146	870288	47.609	ng	99
14) 1,2-Dichlorobenzene	7.069	146	831300	48.789	ng	98
15) Benzyl Alcohol	7.039	79	705984	50.782	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1327957	49.005	ng	94
17) 2-Methylphenol	7.151	107	671325	46.992	ng	98
18) Hexachloroethane	7.410	117	334154	48.923	ng	# 88
19) n-Nitroso-di-n-propyla...	7.310	70	580709	47.295	ng	97
20) 3+4-Methylphenols	7.298	107	807509	45.991	ng	96
22) Acetophenone	7.310	105	1115462	46.553	ng	# 98
24) Nitrobenzene	7.481	77	889711	48.151	ng	97
25) Isophorone	7.722	82	1670661	51.176	ng	99
26) 2-Nitrophenol	7.798	139	454129	48.928	ng	91
27) 2,4-Dimethylphenol	7.828	122	774185	53.642	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	1025858	47.176	ng	99
29) 2,4-Dichlorophenol	8.039	162	677815	47.241	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	674022	45.273	ng	97
31) Naphthalene	8.204	128	2324553	47.253	ng	100
32) Benzoic acid	7.951	122	469632	41.897	ng	96
33) 4-Chloroaniline	8.251	127	681162	33.390	ng	98
34) Hexachlorobutadiene	8.316	225	382814	45.705	ng	99
35) Caprolactam	8.628	113	227820m	47.799	ng	
36) 4-Chloro-3-methylphenol	8.733	107	737467	47.116	ng	93
37) 2-Methylnaphthalene	8.892	142	1525416	47.575	ng	99
38) 1-Methylnaphthalene	8.998	142	1444642	46.589	ng	97
40) 1,2,4,5-Tetrachloroben...	9.063	216	622590	47.492	ng	# 98
41) Hexachlorocyclopentadiene	9.045	237	557399	84.493	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	462578	47.919	ng	99

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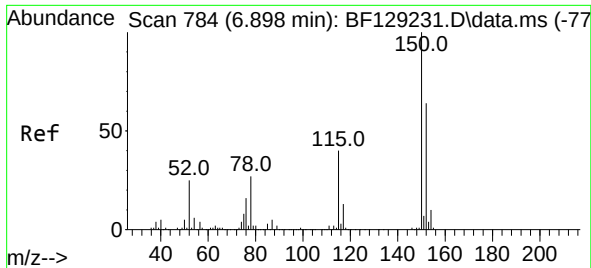
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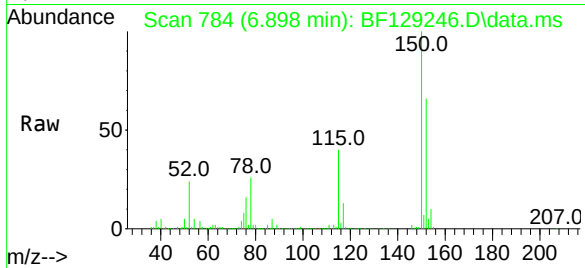
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	489816	47.969	ng	# 93
46) 1,1'-Biphenyl	9.357	154	1795081	48.133	ng	98
47) 2-Chloronaphthalene	9.386	162	1404440	47.811	ng	100
48) 2-Nitroaniline	9.480	65	481613	48.800	ng	96
49) Acenaphthylene	9.804	152	2125052	48.064	ng	99
50) Dimethylphthalate	9.663	163	1659847	48.510	ng	100
51) 2,6-Dinitrotoluene	9.728	165	373895	50.498	ng	93
52) Acenaphthene	9.975	154	1503628m	52.028	ng	
53) 3-Nitroaniline	9.892	138	324694	36.724	ng	# 98
54) 2,4-Dinitrophenol	10.004	184	380978	96.006	ng	90
55) Dibenzofuran	10.151	168	1914595	46.668	ng	98
56) 4-Nitrophenol	10.057	139	687580	98.254	ng	96
57) 2,4-Dinitrotoluene	10.128	165	500137	51.511	ng	98
58) Fluorene	10.492	166	1492539	47.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	364806	46.249	ng	# 90
60) Diethylphthalate	10.363	149	1618867	48.924	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	667206	46.158	ng	91
62) 4-Nitroaniline	10.516	138	412000	47.068	ng	91
63) Azobenzene	10.639	77	1643737	46.537	ng	95
65) 4,6-Dinitro-2-methylph...	10.539	198	248966	46.115	ng	92
66) n-Nitrosodiphenylamine	10.604	169	1330487	48.802	ng	96
67) 4-Bromophenyl-phenylether	10.975	248	434816	48.340	ng	96
68) Hexachlorobenzene	11.039	284	453242	48.004	ng	98
69) Atrazine	11.127	200	424588	56.177	ng	97
70) Pentachlorophenol	11.233	266	490685	87.396	ng	98
71) Phenanthrene	11.457	178	2137039	49.260	ng	99
72) Anthracene	11.510	178	2073034	48.104	ng	99
73) Carbazole	11.663	167	1932515	44.957	ng	99
74) Di-n-butylphthalate	11.986	149	2413989	48.867	ng	99
75) Fluoranthene	12.657	202	2159881	49.989	ng	96
77) Benzidine	12.769	184	561799	44.515	ng	100
78) Pyrene	12.880	202	2060341	56.420	ng	100
80) Butylbenzylphthalate	13.486	149	877380	53.941	ng	96
81) Benzo(a)anthracene	14.063	228	1488134	52.327	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	481362	67.663	ng	# 96
83) Chrysene	14.098	228	1365973	50.321	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1170676	54.089	ng	98
85) Di-n-octyl phthalate	14.651	149	1722914	55.501	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1734302	57.556	ng	97
88) Benzo(b)fluoranthene	15.127	252	1566573	52.770	ng	98
89) Benzo(k)fluoranthene	15.157	252	1334209	46.001	ng	99
90) Benzo(a)pyrene	15.498	252	1350370	55.875	ng	# 96
91) Dibenzo(a,h)anthracene	17.098	278	1432184	58.760	ng	97
92) Benzo(g,h,i)perylene	17.539	276	1540375	61.826	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21

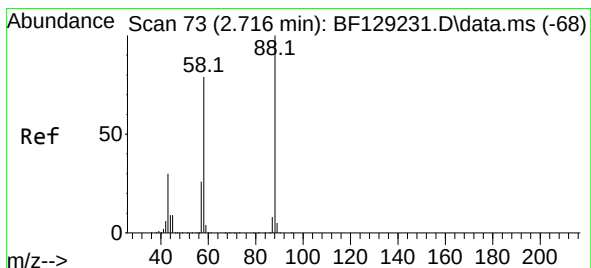
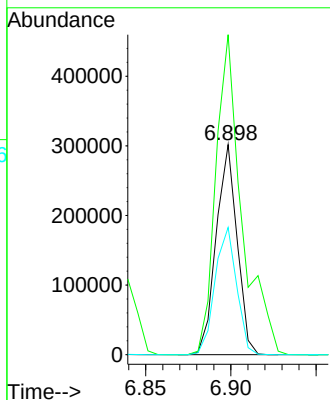
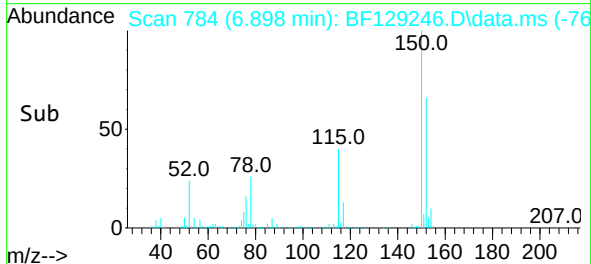
Instrument :
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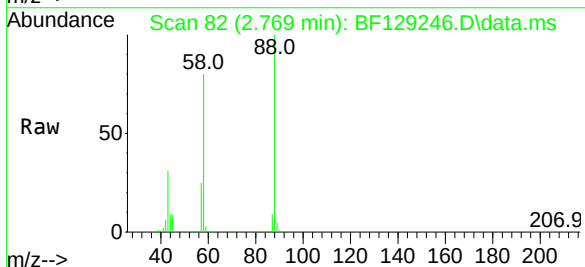
Tgt Ion: 152 Resp: 25776
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.7 185.5
 115 60.6 49.9 74.9

Manual Integrations
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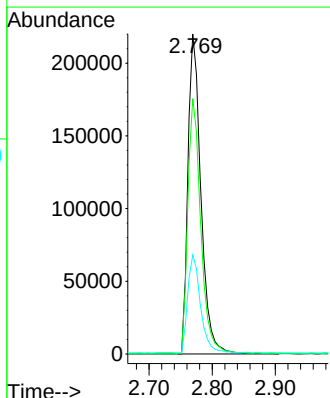
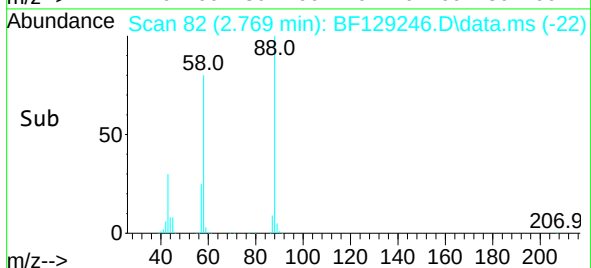
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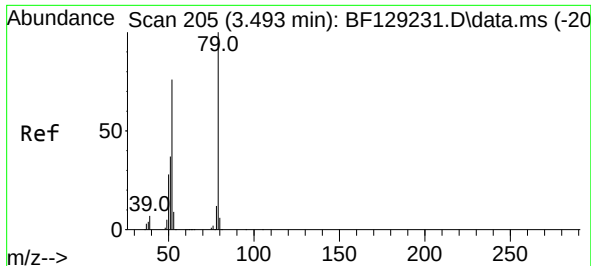


#2
 1,4-Dioxane
 Concen: 42.825 ng
 RT: 2.769 min Scan# 82
 Delta R.T. 0.053 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21



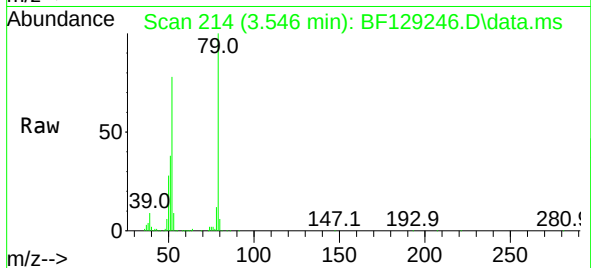
Tgt Ion: 88 Resp: 314901
 Ion Ratio Lower Upper
 88 100
 58 80.3 71.8 107.8
 43 30.1 26.6 39.8





#3
Pyridine
Concen: 43.021 ng
RT: 3.546 min Scan# 214
Delta R.T. 0.053 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

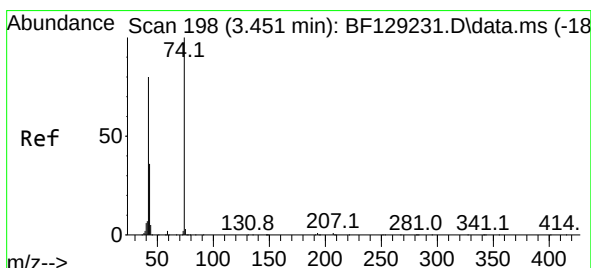
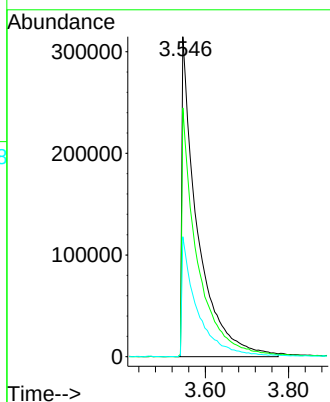
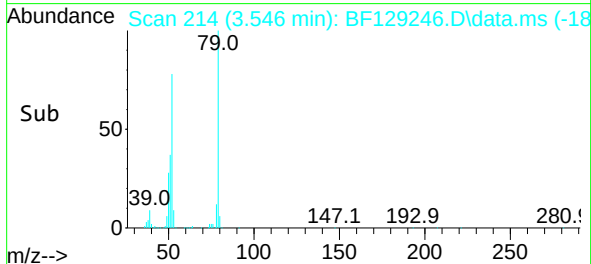
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



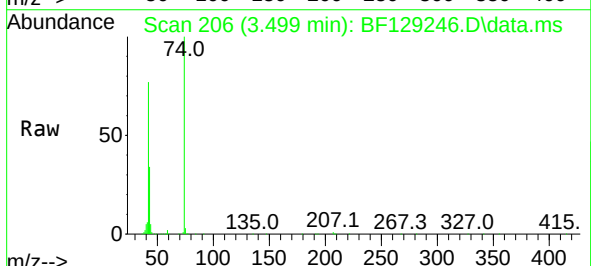
Tgt Ion: 79 Resp: 81352
Ion Ratio Lower Upper
79 100
52 77.8 68.6 102.8
51 37.5 32.9 49.3

Manual Integrations
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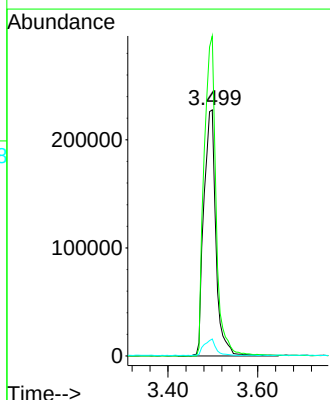
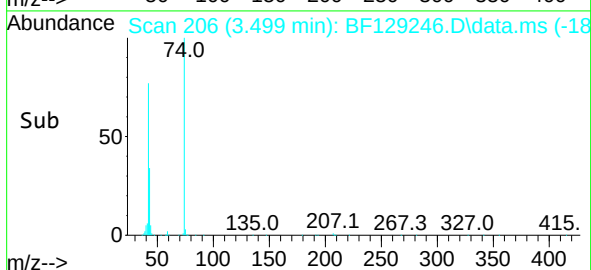
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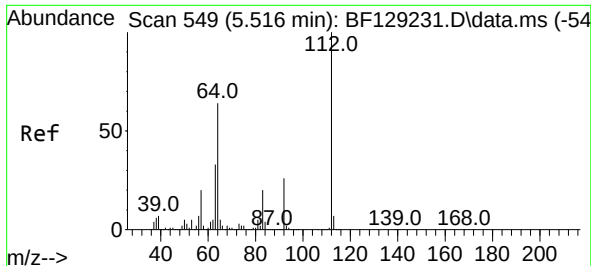


#4
n-Nitrosodimethylamine
Concen: 47.674 ng
RT: 3.499 min Scan# 206
Delta R.T. 0.047 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



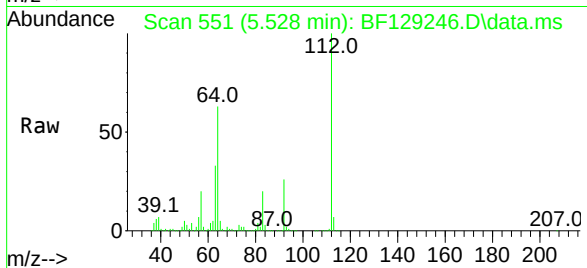
Tgt Ion: 42 Resp: 425837
Ion Ratio Lower Upper
42 100
74 130.0 94.8 142.2
44 6.9 6.6 10.0





#5
2-Fluorophenol
Concen: 119.693 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

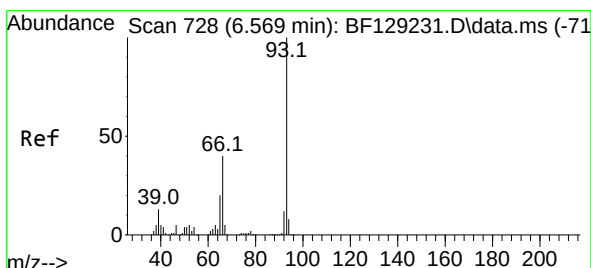
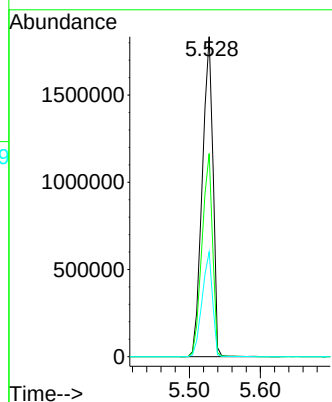
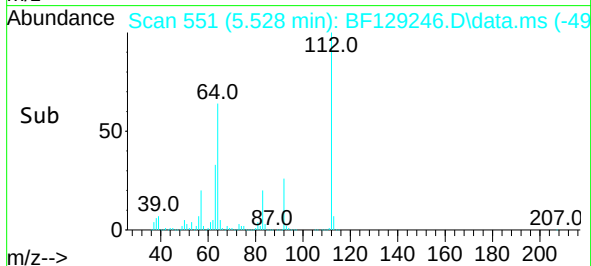
Instrument :
BNA_F
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Tgt Ion:112 Resp: 1931854
Ion Ratio Lower Upper
112 100
64 63.5 53.3 79.9
63 32.8 28.0 42.0

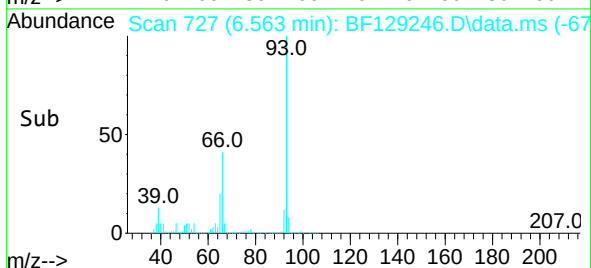
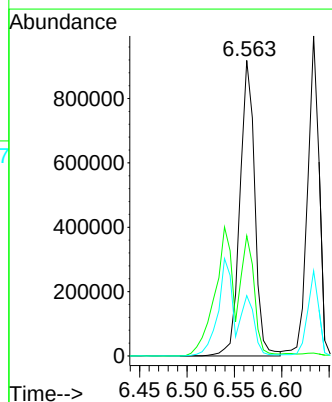
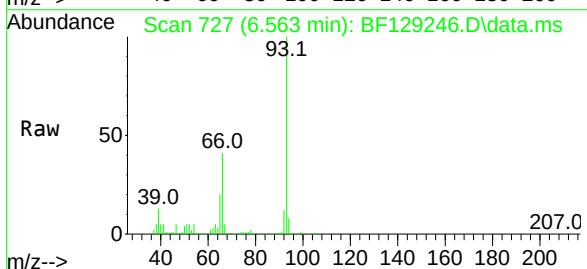
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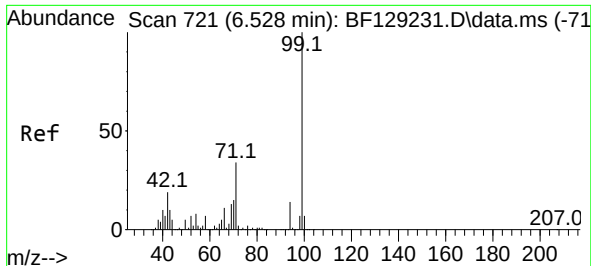
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#6
Aniline
Concen: 40.644 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

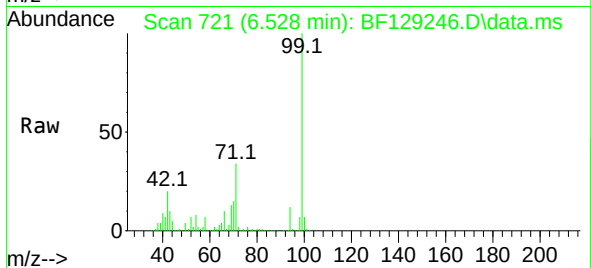
Tgt Ion: 93 Resp: 996773
Ion Ratio Lower Upper
93 100
66 40.7 32.5 48.7
65 20.4 16.4 24.6





#7
Phenol-d6
Concen: 119.709 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

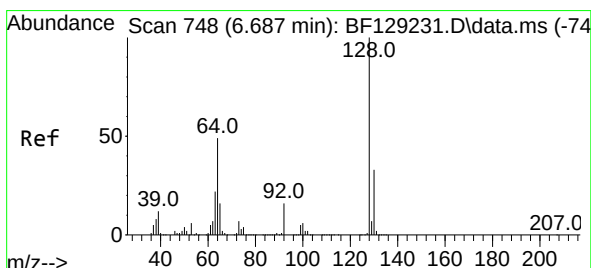
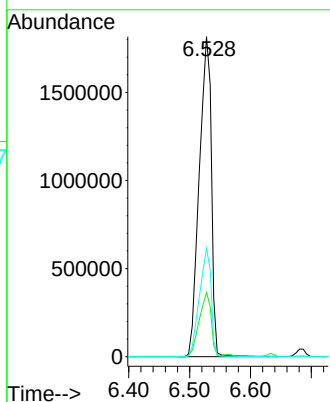
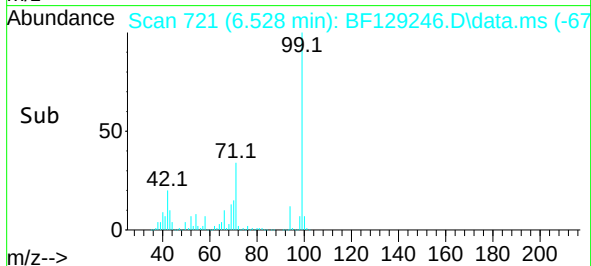
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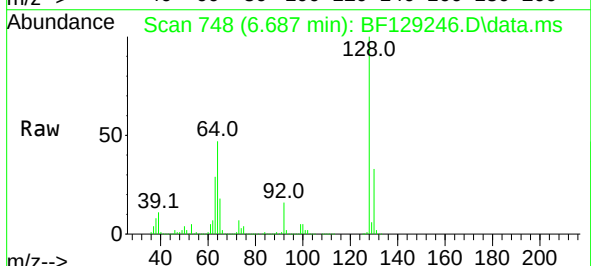
Tgt Ion: 99 Resp: 2498914
Ion Ratio Lower Upper
99 100
42 20.1 17.3 25.9
71 33.9 28.9 43.3

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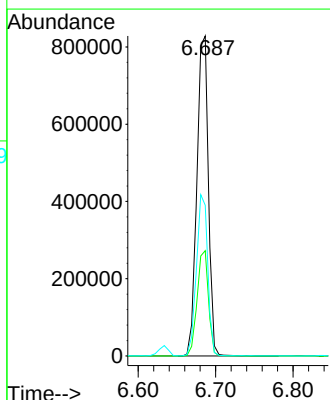
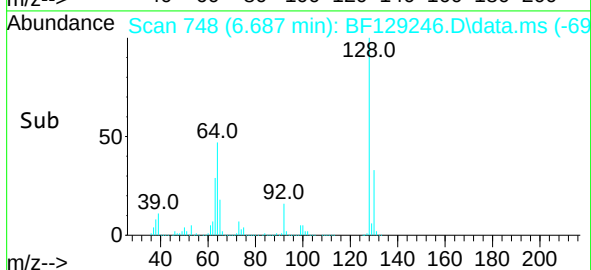
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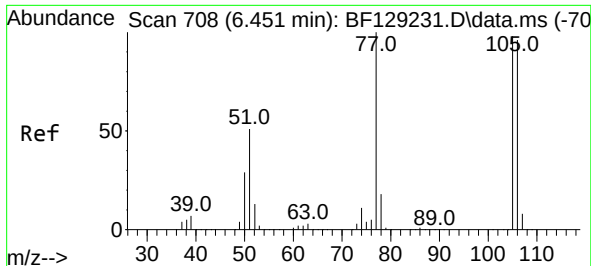


#8
2-Chlorophenol
Concen: 50.300 ng
RT: 6.687 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



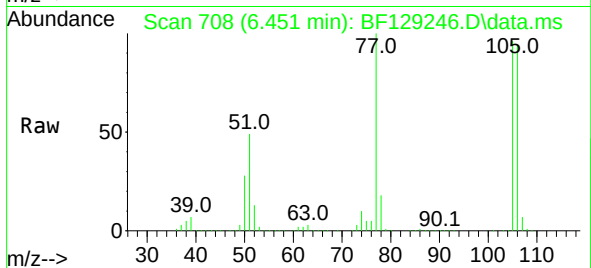
Tgt Ion:128 Resp: 854850
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 47.1 30.9 70.9





#9
Benzaldehyde
Concen: 36.701 ng
RT: 6.451 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

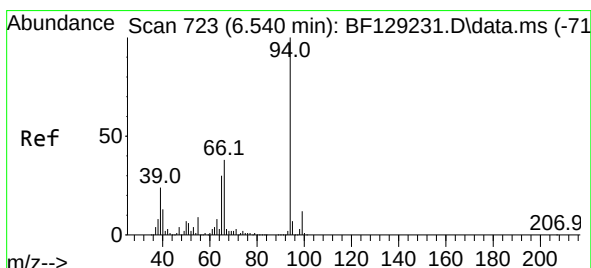
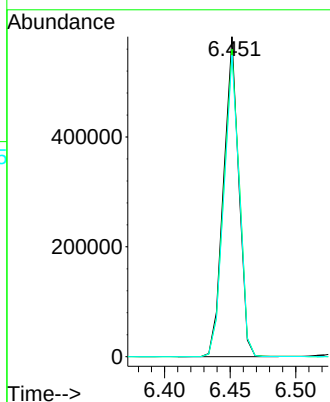
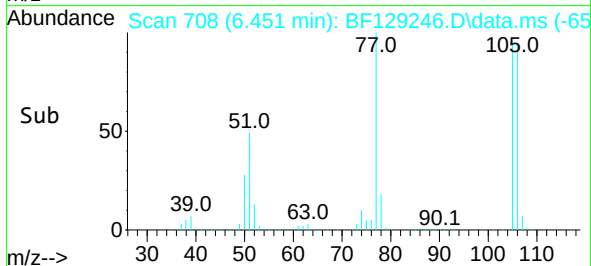
Instrument :
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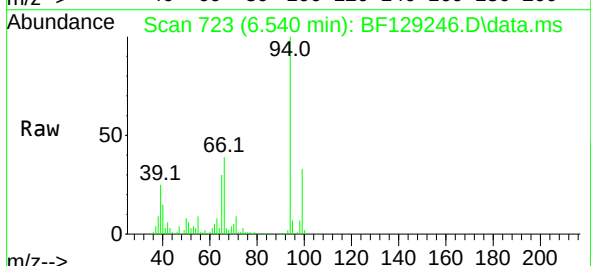
Tgt Ion: 77 Resp: 47016
Ion Ratio Lower Upper
77 100
105 96.1 81.6 121.6
106 94.2 76.1 116.1

Manual Integrations
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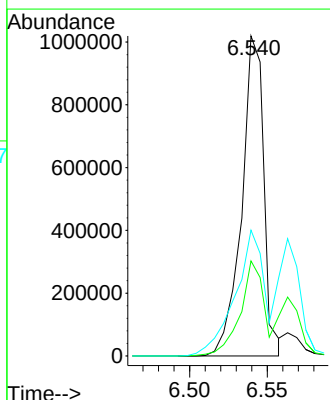
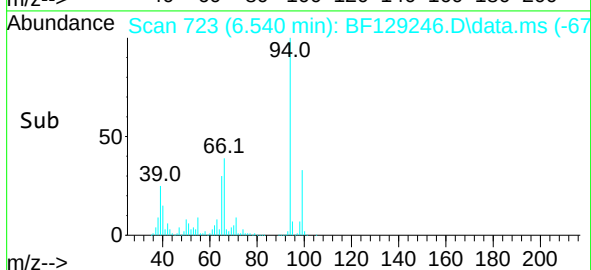
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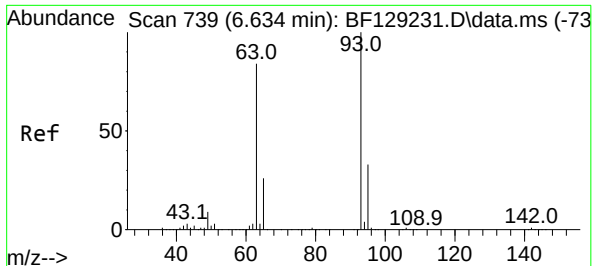


#10
Phenol
Concen: 48.008 ng m
RT: 6.540 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion: 94 Resp: 1006674
Ion Ratio Lower Upper
94 100
65 29.7 11.4 51.4
66 39.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 49.526 ng

RT: 6.634 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 93 Resp: 842262

Ion Ratio Lower Upper

93 100

63 82.4 67.4 107.4

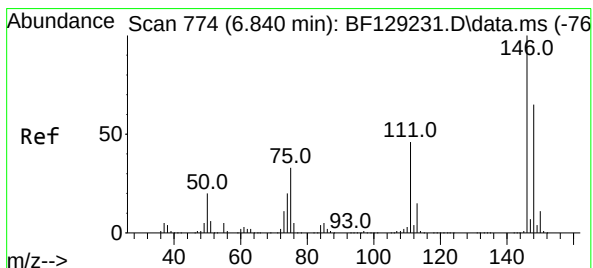
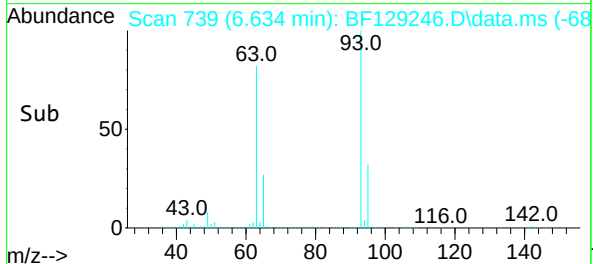
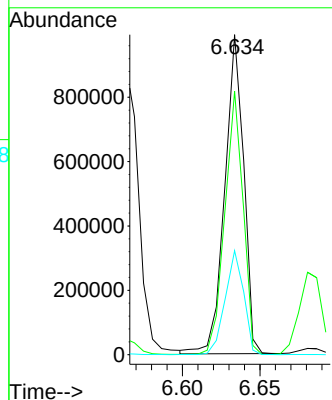
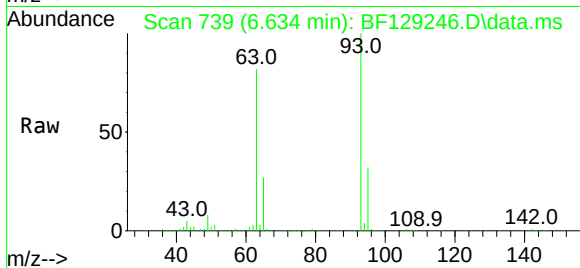
95 32.5 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#12

1,3-Dichlorobenzene

Concen: 47.568 ng

RT: 6.840 min Scan# 774

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

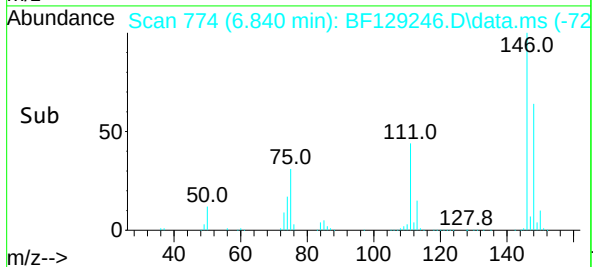
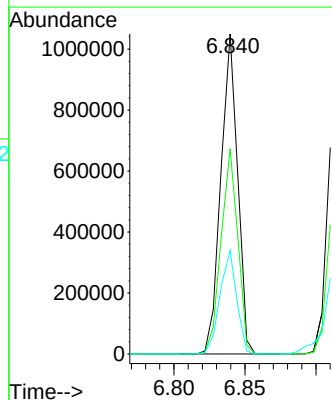
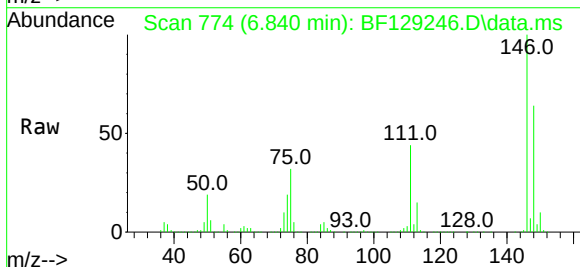
Tgt Ion:146 Resp: 859696

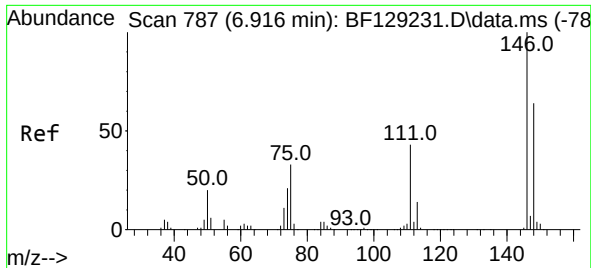
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

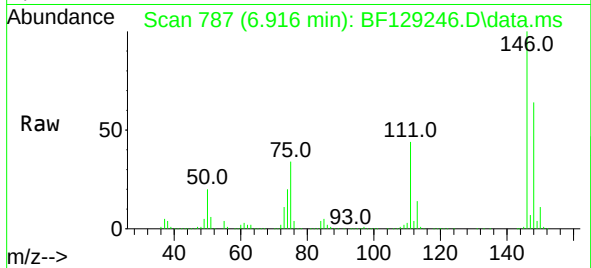
75 32.3 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 47.609 ng
RT: 6.916 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

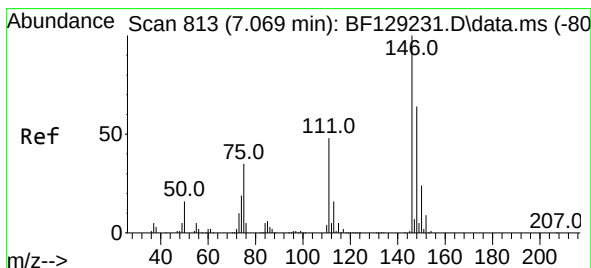
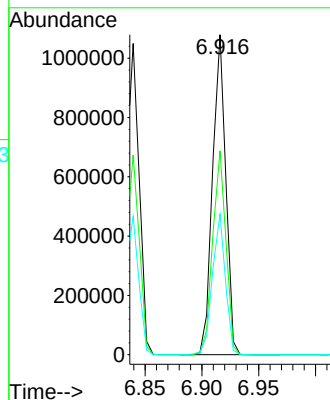
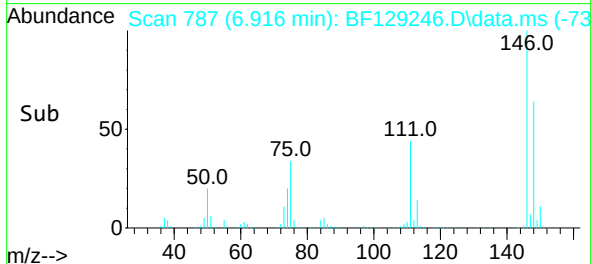
Instrument :
BNA_F
Client SampleId :
TP-1MSD



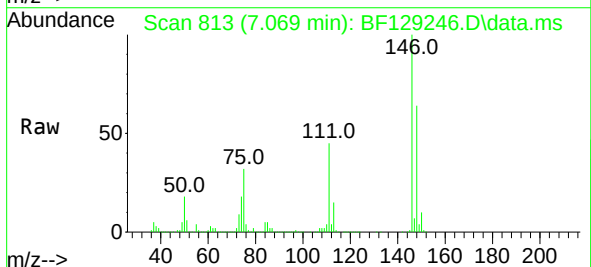
Tgt Ion:146 Resp: 870288
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 43.9 34.2 51.4

Manual Integrations
APPROVED

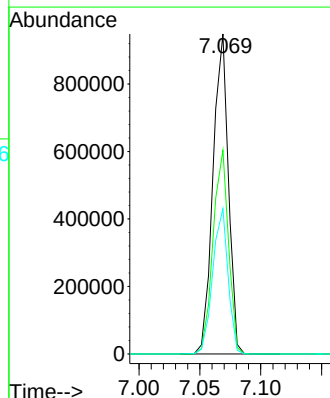
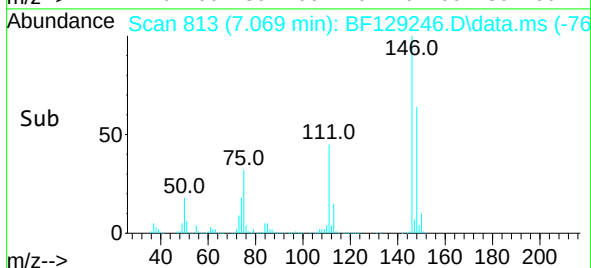
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

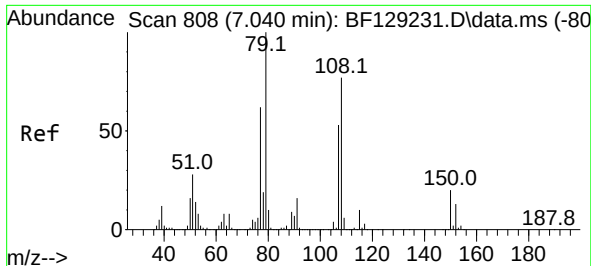


#14
1,2-Dichlorobenzene
Concen: 48.789 ng
RT: 7.069 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



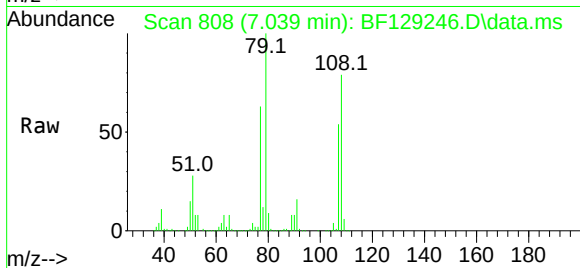
Tgt Ion:146 Resp: 831300
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
111 45.4 35.1 52.7





#15
Benzyl Alcohol
Concen: 50.782 ng
RT: 7.039 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

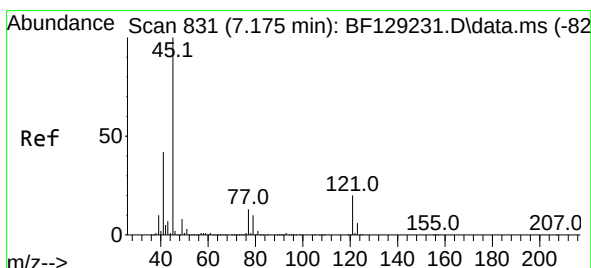
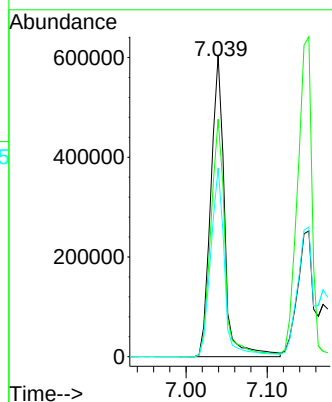
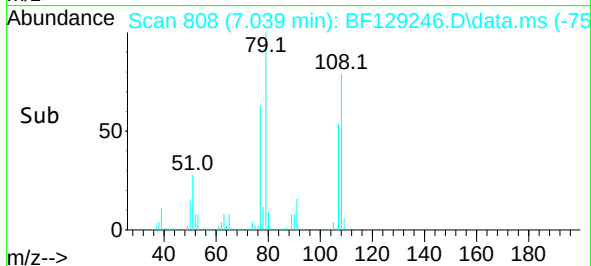
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



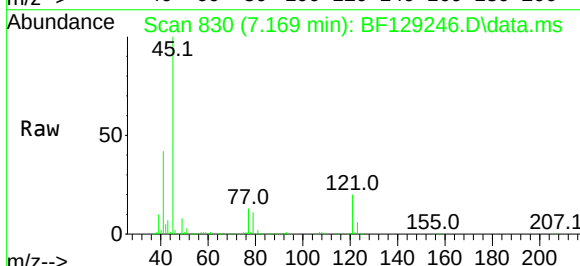
Tgt Ion: 79 Resp: 705984
Ion Ratio Lower Upper
79 100
108 78.9 61.8 92.6
77 62.7 50.2 75.4

Manual Integrations
APPROVED

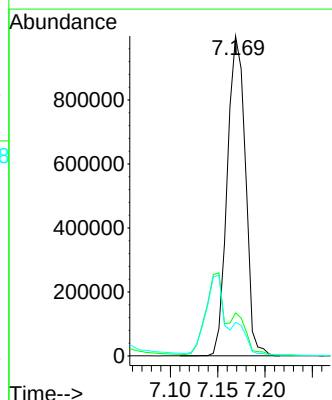
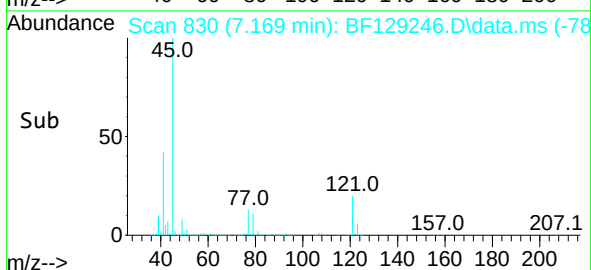
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

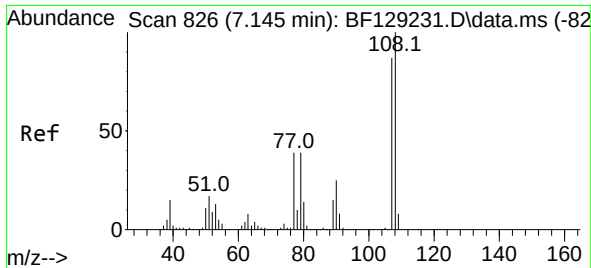


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.005 ng
RT: 7.169 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



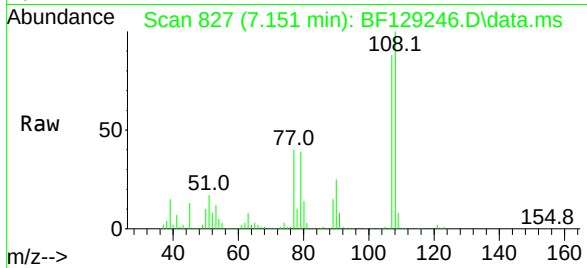
Tgt Ion: 45 Resp: 1327957
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.3
79 10.5 0.0 28.3





#17
2-Methylphenol
Concen: 46.992 ng
RT: 7.151 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

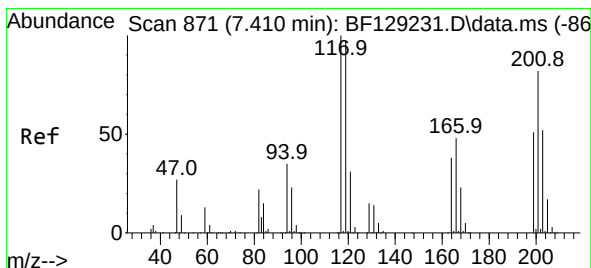
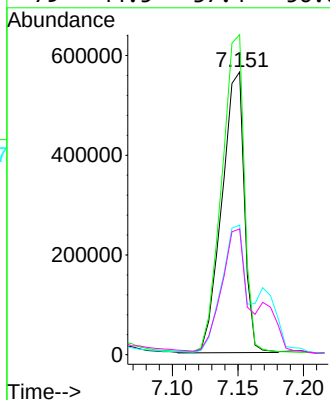
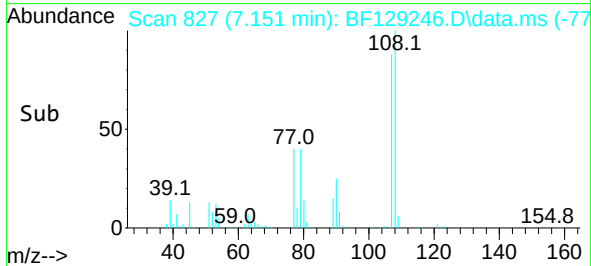
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:107 Resp: 671329
Ion Ratio Lower Upper
107 100
108 113.2 91.9 137.9
77 45.8 37.8 56.8
79 44.5 37.4 56.0

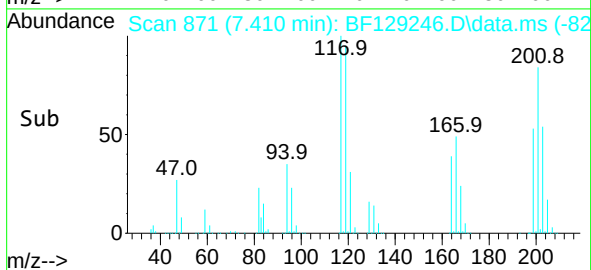
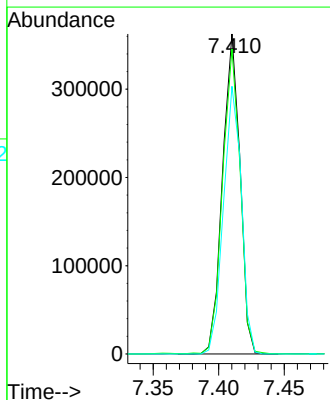
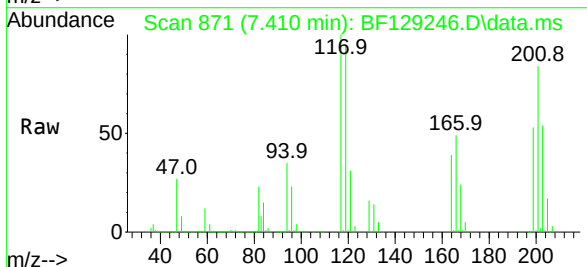
Manual Integrations
APPROVED

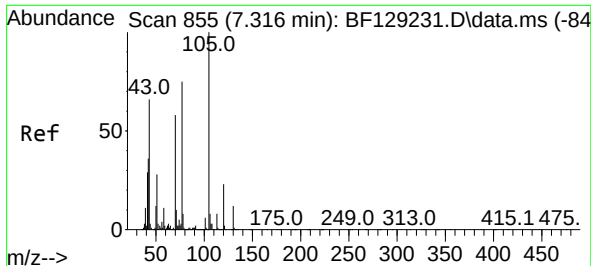
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#18
Hexachloroethane
Concen: 48.923 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

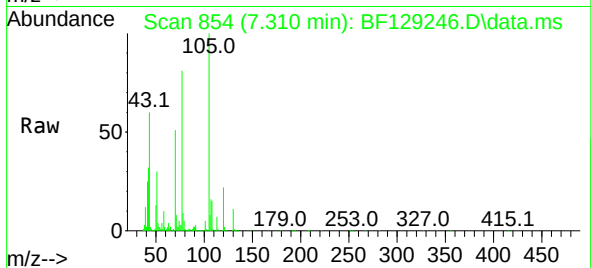
Tgt Ion:117 Resp: 334154
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2
201 83.7 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 47.295 ng
RT: 7.310 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

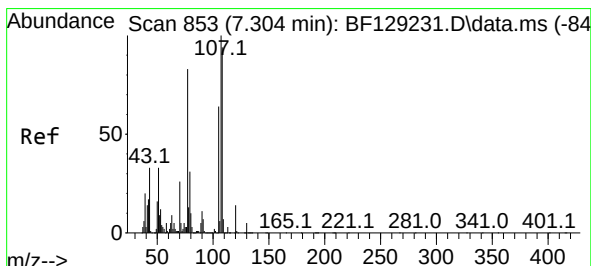
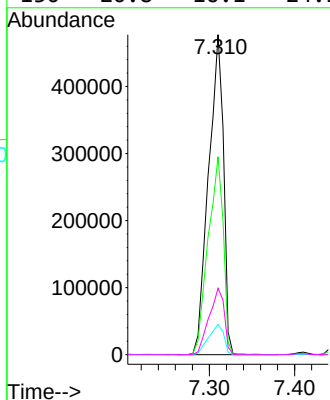
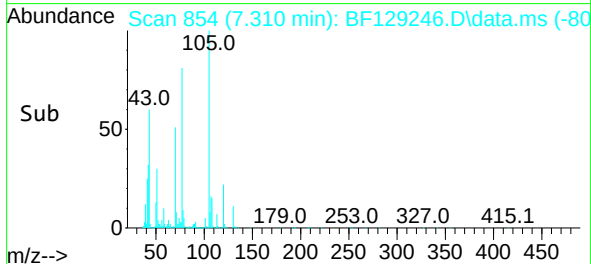
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



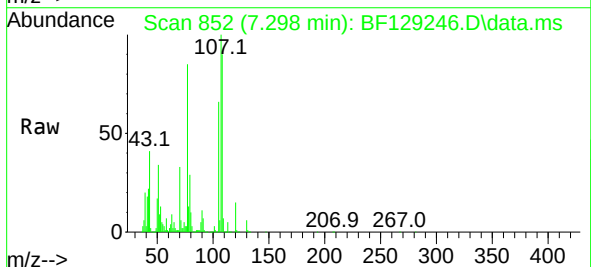
Tgt Ion: 70 Resp: 580709
Ion Ratio Lower Upper
70 100
42 61.9 52.3 78.5
101 9.4 7.5 11.3
130 20.8 16.1 24.1

Manual Integrations
APPROVED

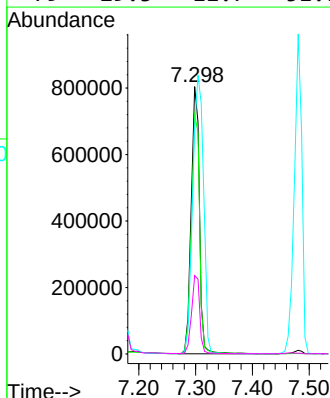
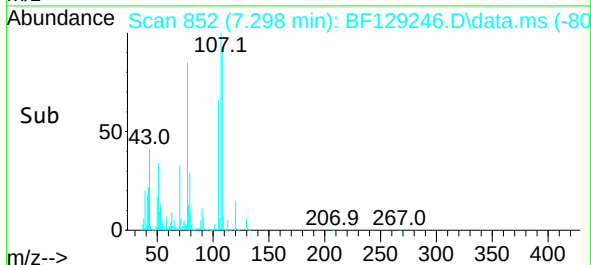
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

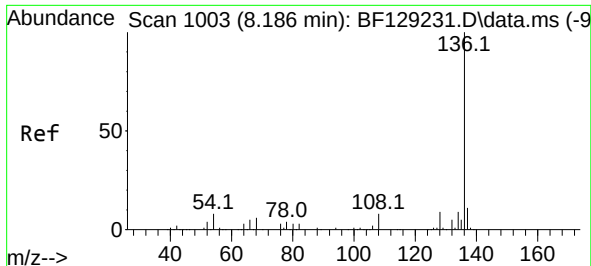


#20
3+4-Methylphenols
Concen: 45.991 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



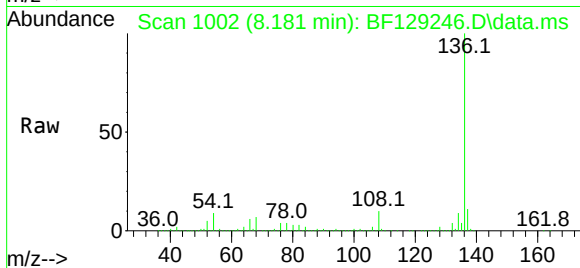
Tgt Ion:107 Resp: 807509
Ion Ratio Lower Upper
107 100
108 89.6 71.8 111.8
77 84.9 59.3 99.3
79 29.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

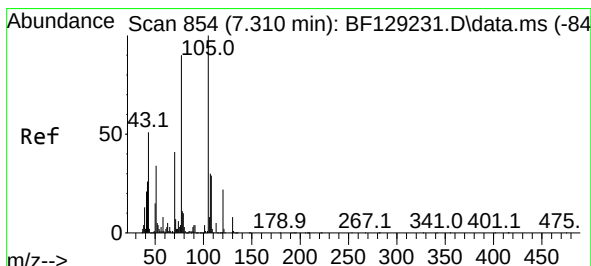
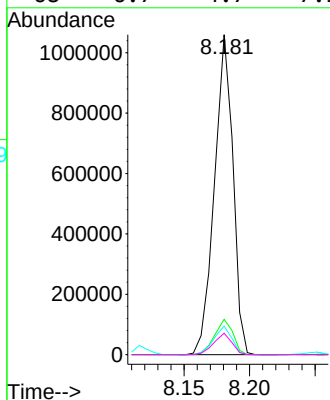
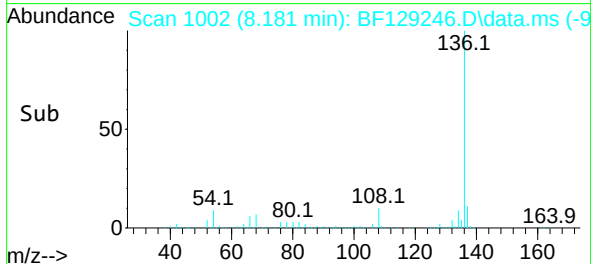
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:136 Resp: 1038309
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.9 7.5 11.3
68 6.7 4.7 7.1

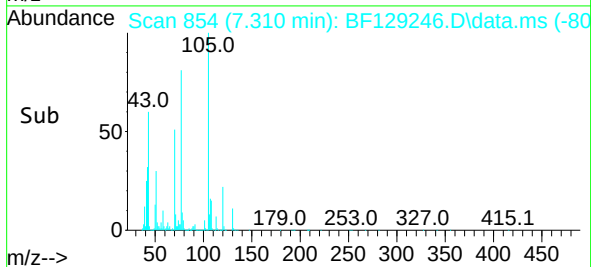
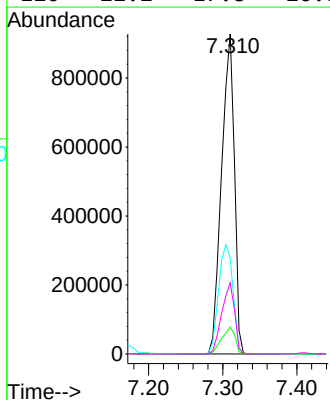
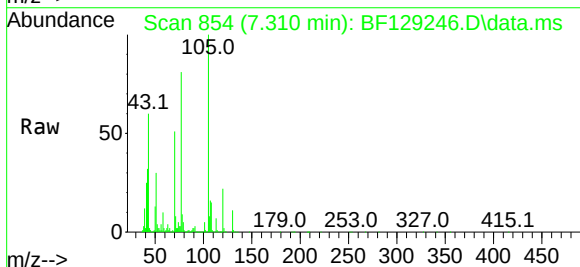
Manual Integrations
APPROVED

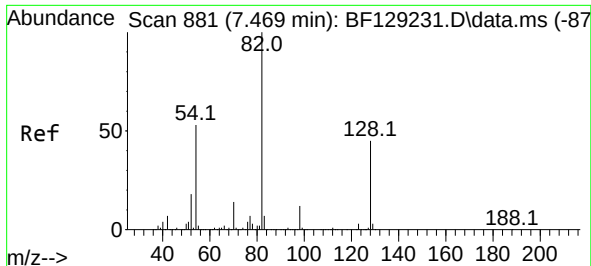
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#22
Acetophenone
Concen: 46.553 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

Tgt Ion:105 Resp: 1115462
Ion Ratio Lower Upper
105 100
71 8.4 5.0 7.4#
51 29.9 25.0 37.4
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.258 ng

RT: 7.463 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 82 Resp: 157836

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

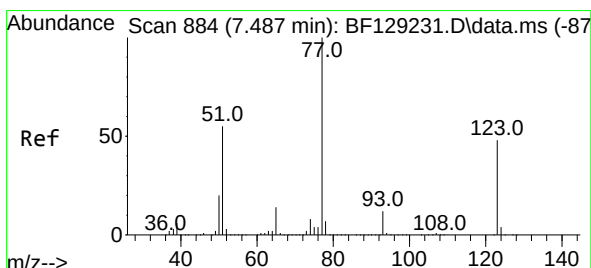
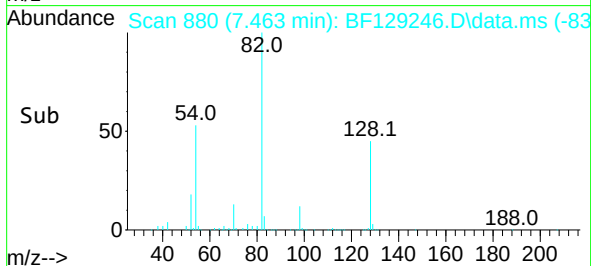
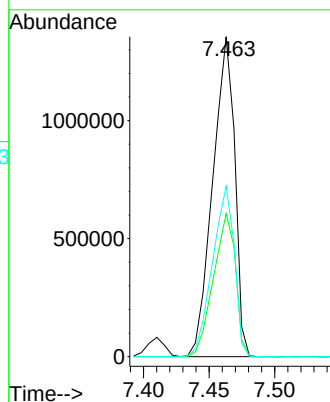
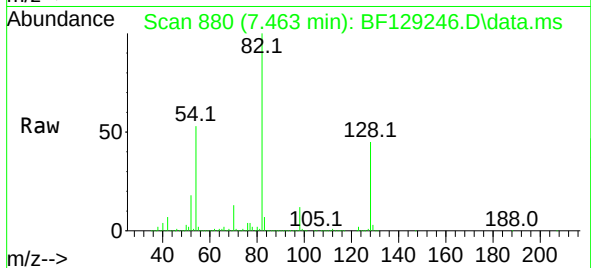
54 53.3 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#24

Nitrobenzene

Concen: 48.151 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

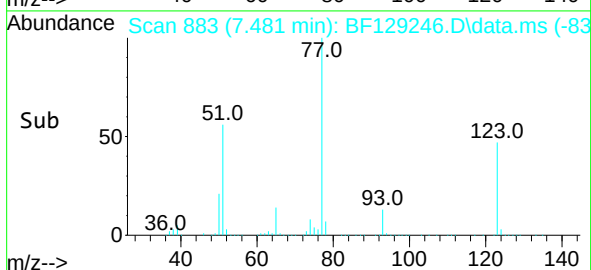
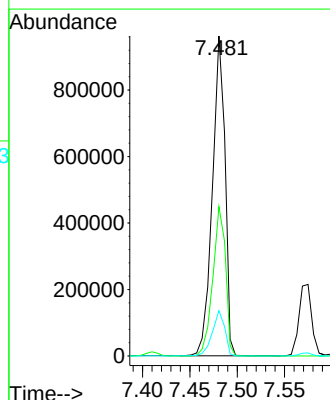
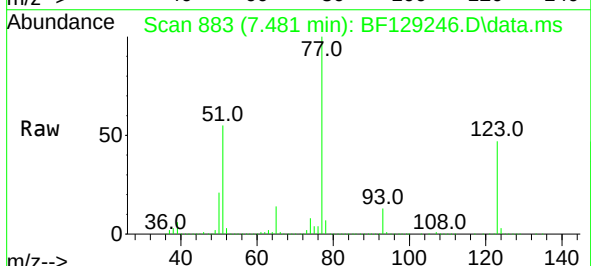
Tgt Ion: 77 Resp: 889711

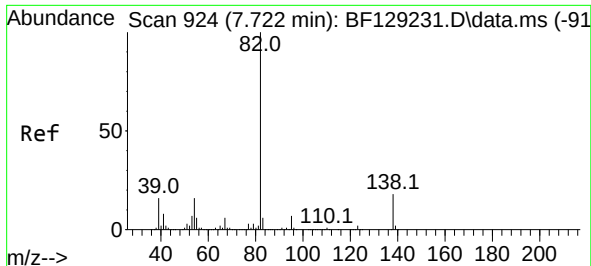
Ion Ratio Lower Upper

77 100

123 46.6 35.4 53.2

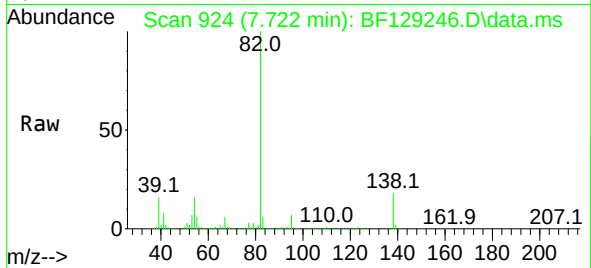
65 14.2 11.8 17.8





#25
Isophorone
Concen: 51.176 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

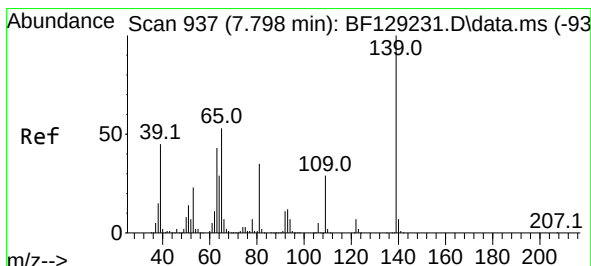
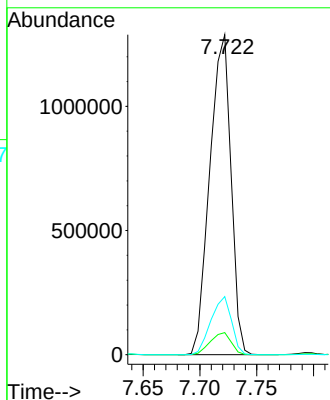
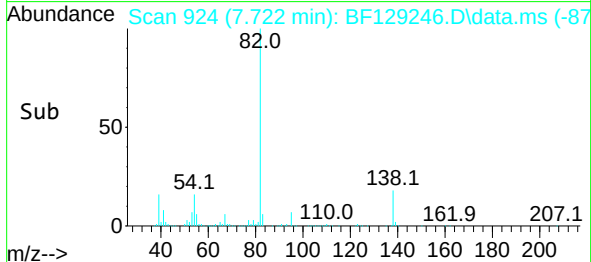
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



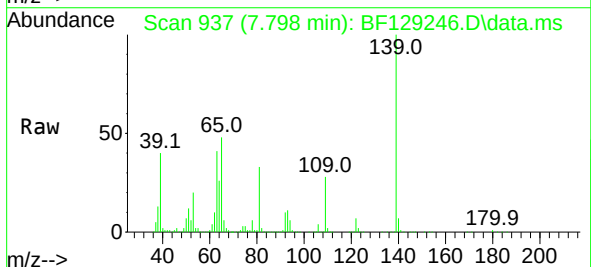
Tgt Ion: 82 Resp: 167066
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.2 14.2 21.2

Manual Integrations
APPROVED

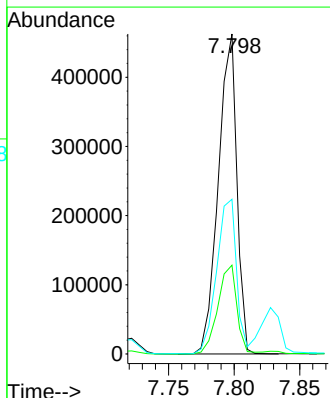
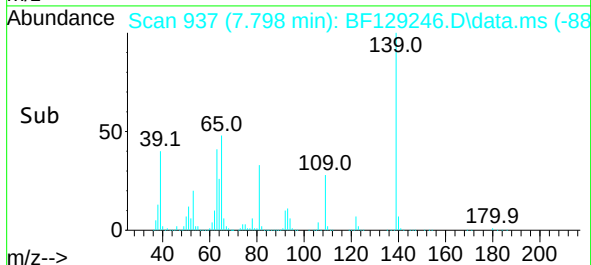
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

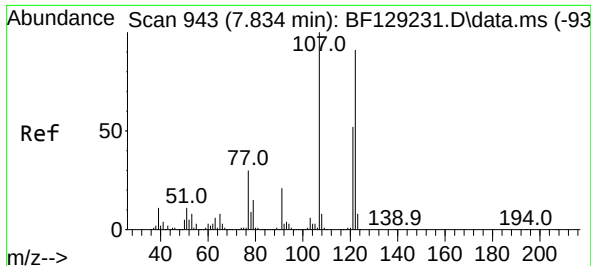


#26
2-Nitrophenol
Concen: 48.928 ng
RT: 7.798 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:139 Resp: 454129
Ion Ratio Lower Upper
139 100
109 27.8 25.0 37.4
65 48.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 53.642 ng

RT: 7.828 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

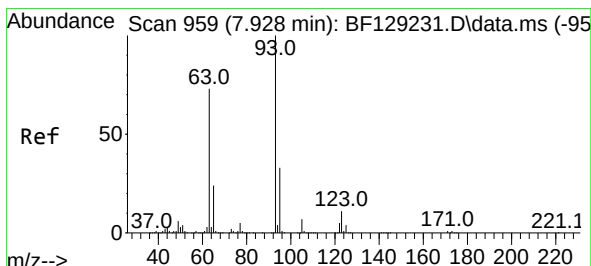
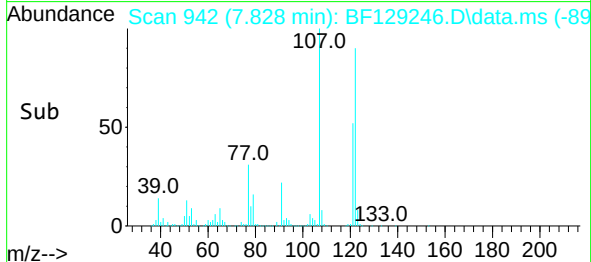
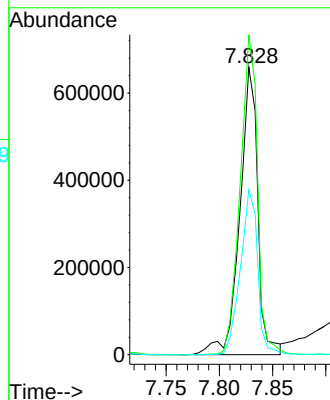
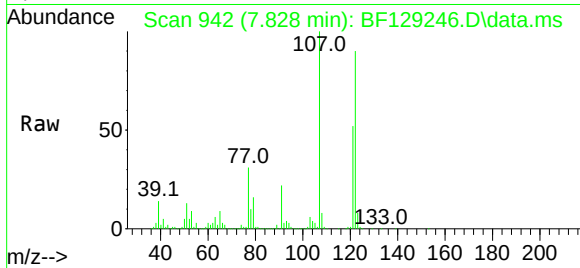
Tgt Ion:122 Resp: 774185

Ion	Ratio	Lower	Upper
122	100		
107	111.4	93.0	139.6
121	57.4	46.6	70.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.176 ng

RT: 7.928 min Scan# 959

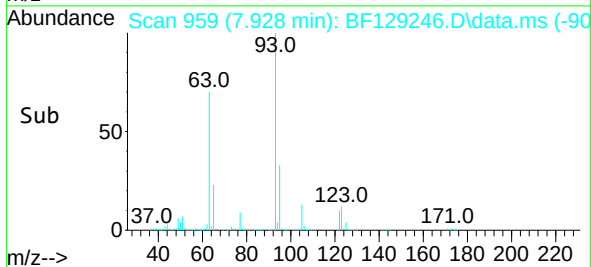
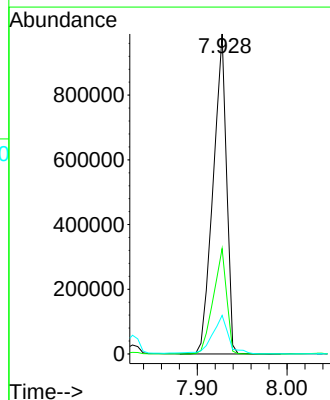
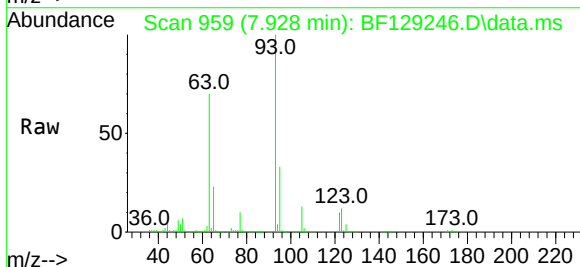
Delta R.T. -0.000 min

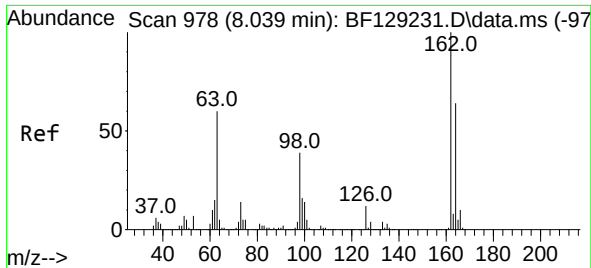
Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Tgt Ion: 93 Resp: 1025858

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	12.1	9.2	13.8





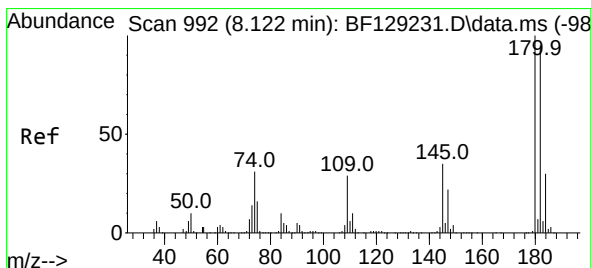
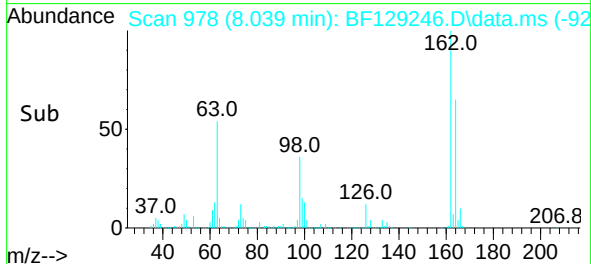
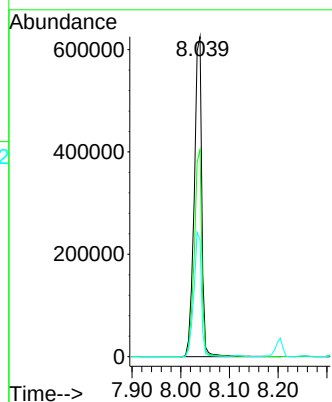
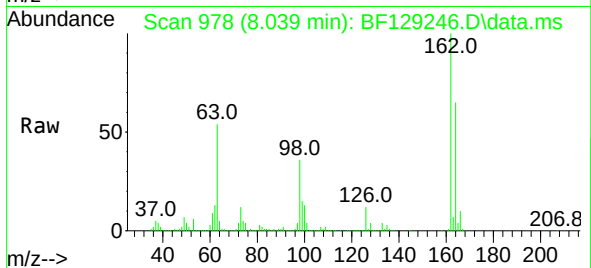
#29
2,4-Dichlorophenol
Concen: 47.241 ng
RT: 8.039 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:162 Resp: 677815
Ion Ratio Lower Upper
162 100
164 64.6 44.2 84.2
98 36.5 19.6 59.6

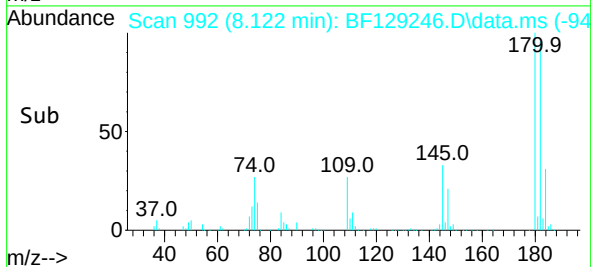
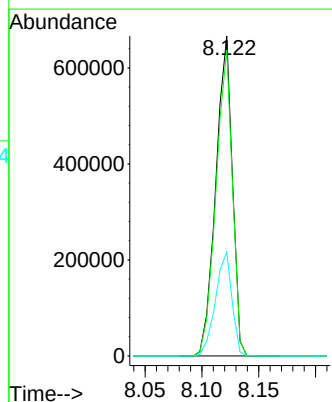
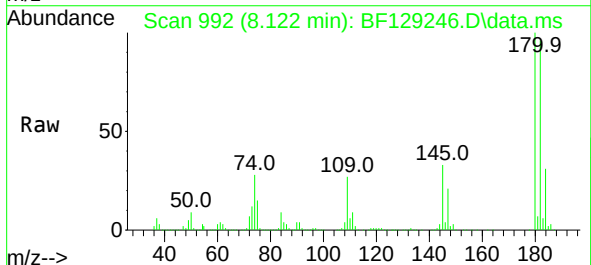
Manual Integrations
APPROVED

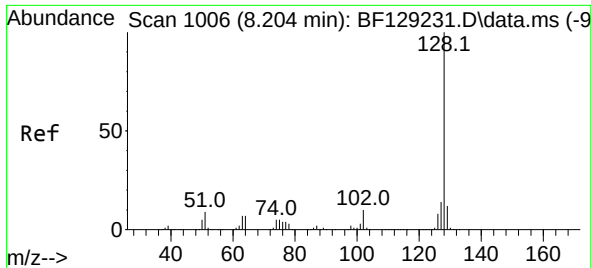
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#30
1,2,4-Trichlorobenzene
Concen: 45.273 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

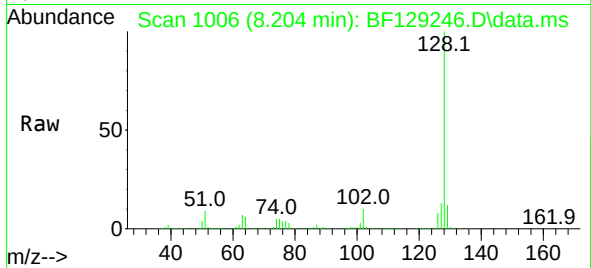
Tgt Ion:180 Resp: 674022
Ion Ratio Lower Upper
180 100
182 95.6 79.2 118.8
145 32.5 26.2 39.2





#31
Naphthalene
Concen: 47.253 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

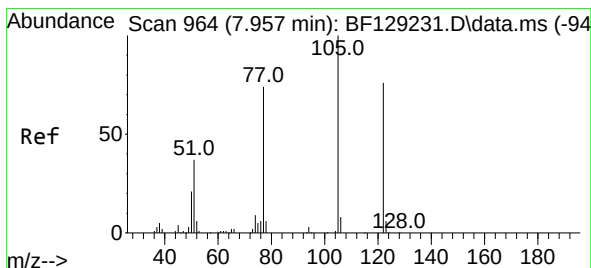
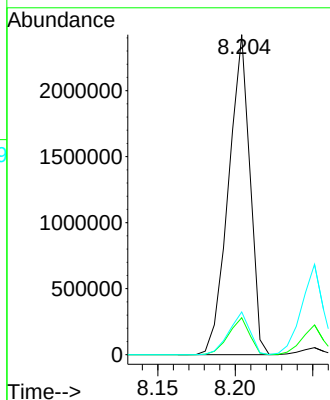
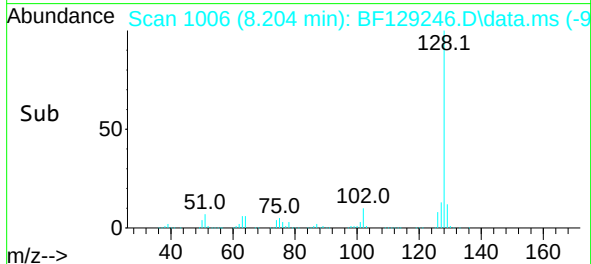
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



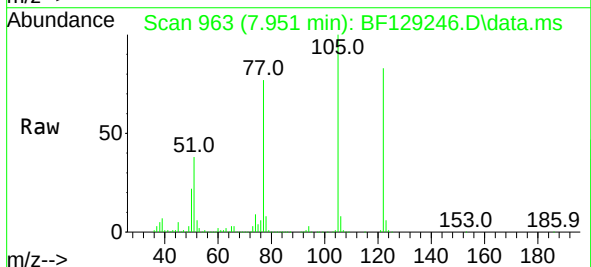
Tgt Ion:128 Resp: 232455
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.5 15.7

Manual Integrations
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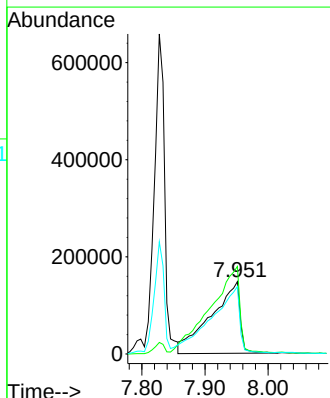
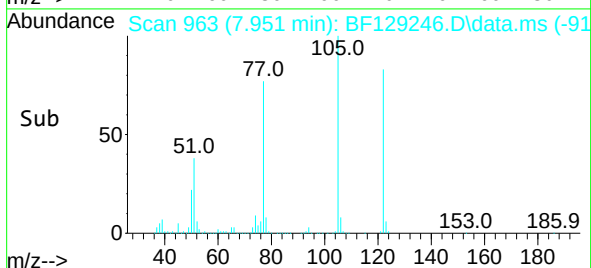
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

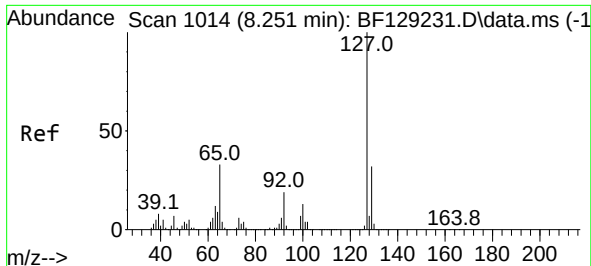


#32
Benzoic acid
Concen: 41.897 ng
RT: 7.951 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



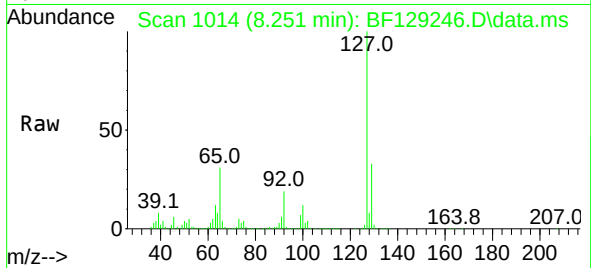
Tgt Ion:122 Resp: 469632
Ion Ratio Lower Upper
122 100
105 120.9 107.1 147.1
77 93.0 74.2 114.2





#33
4-Chloroaniline
Concen: 33.390 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

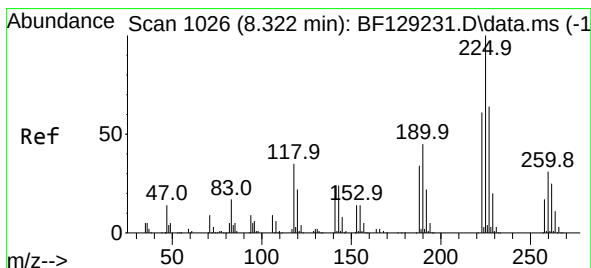
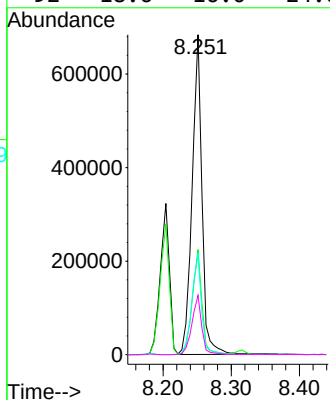
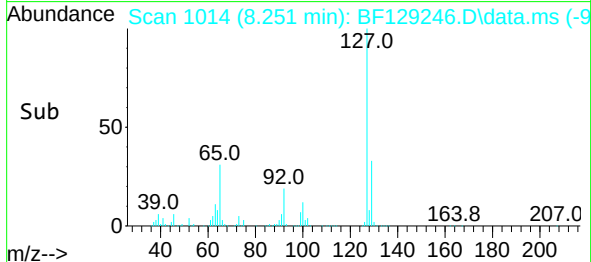
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:127 Resp: 681162
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 31.3 26.4 39.6
92 18.6 16.0 24.0

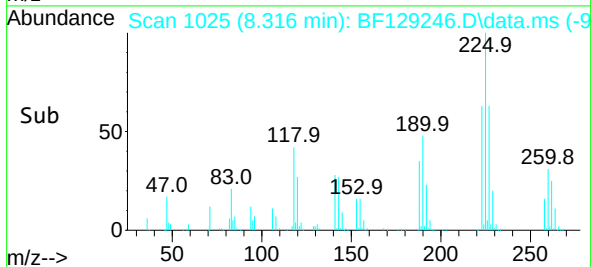
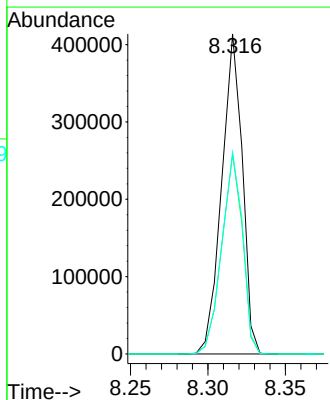
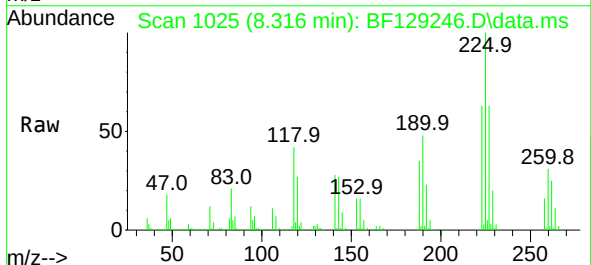
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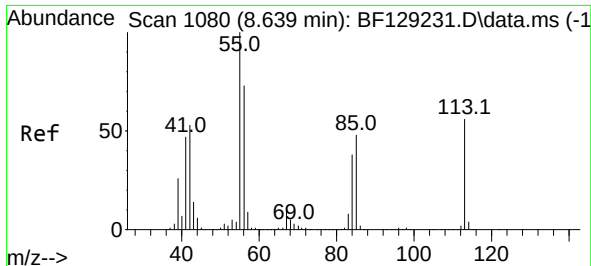
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#34
Hexachlorobutadiene
Concen: 45.705 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

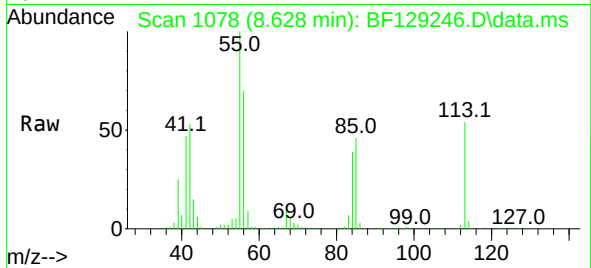
Tgt Ion:225 Resp: 382814
Ion Ratio Lower Upper
225 100
223 62.5 51.0 76.6
227 63.0 51.1 76.7





#35
 Caprolactam
 Concen: 47.799 ng m
 RT: 8.628 min Scan# 1078
 Delta R.T. -0.012 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21

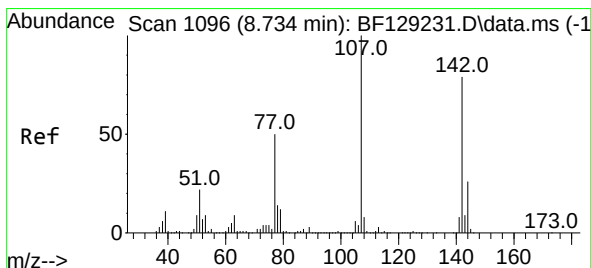
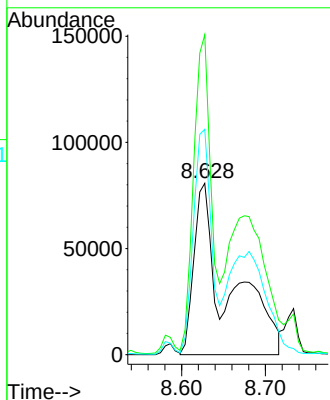
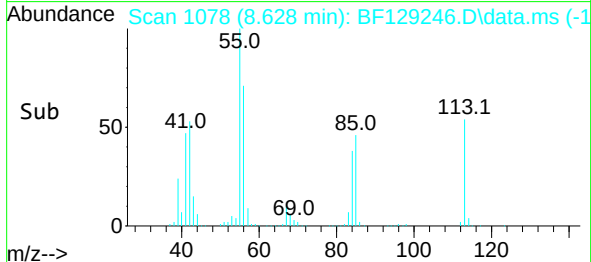
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



Tgt Ion:113 Resp: 227820
 Ion Ratio Lower Upper
 113 100
 55 186.7 188.5 228.5
 56 131.6 130.6 170.6

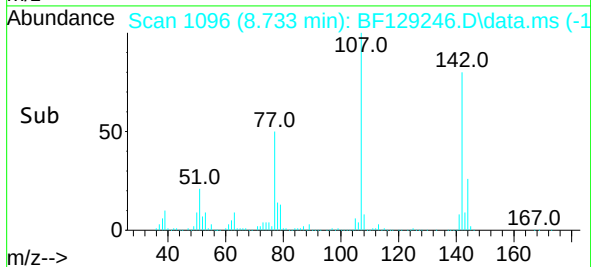
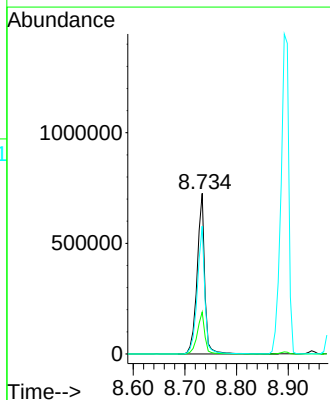
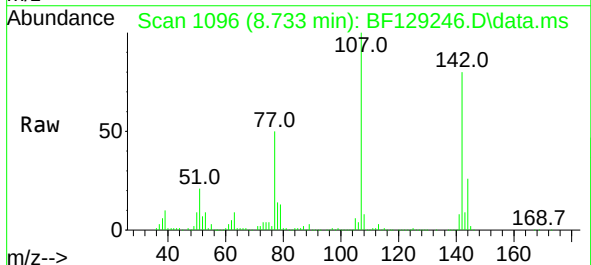
Manual Integrations
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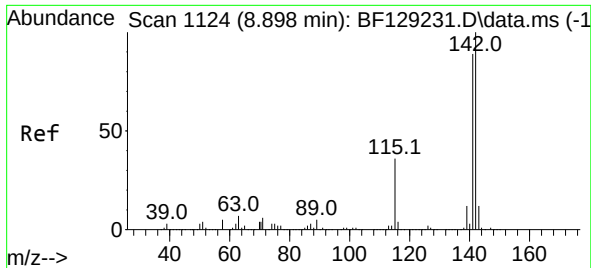
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.116 ng
 RT: 8.733 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21

Tgt Ion:107 Resp: 737467
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.5 29.3
 142 79.6 58.2 87.4





#37

2-Methylnaphthalene

Concen: 47.575 ng

RT: 8.892 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:142 Resp: 1525410

Ion Ratio Lower Upper

142 100

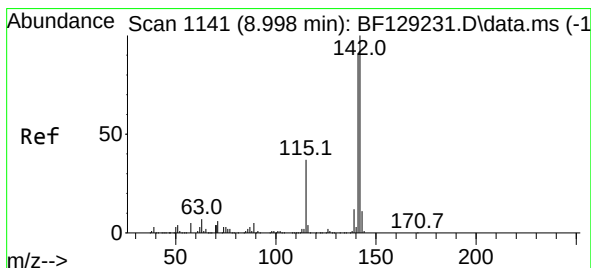
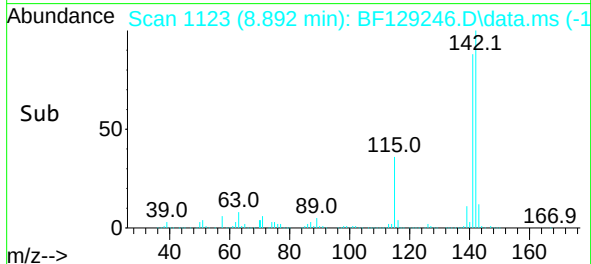
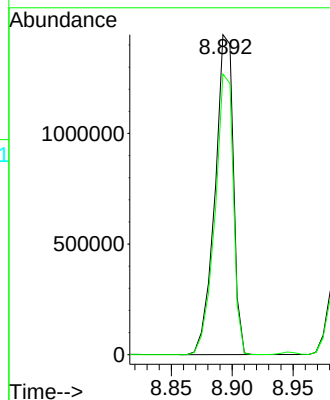
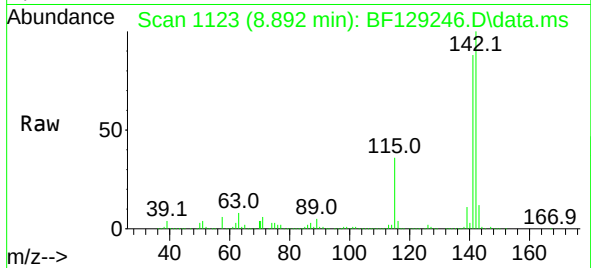
141 87.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#38

1-Methylnaphthalene

Concen: 46.589 ng

RT: 8.998 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF129246.D

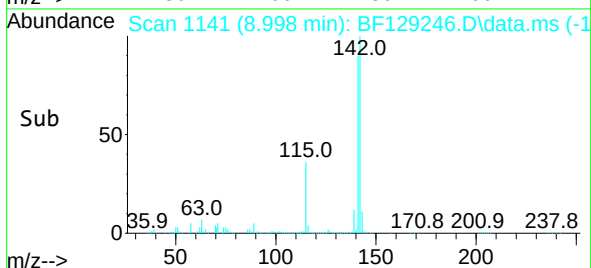
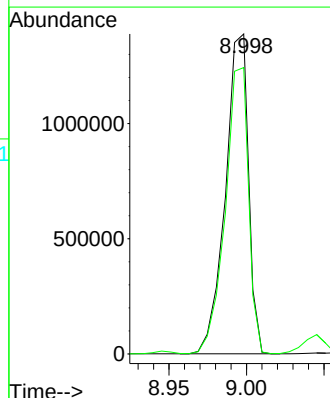
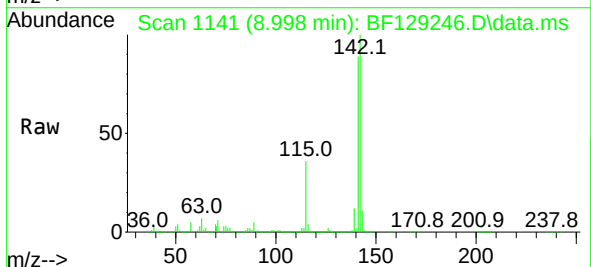
Acq: 15 Jul 2022 19:21

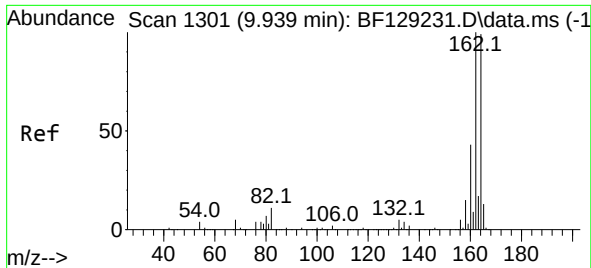
Tgt Ion:142 Resp: 1444642

Ion Ratio Lower Upper

142 100

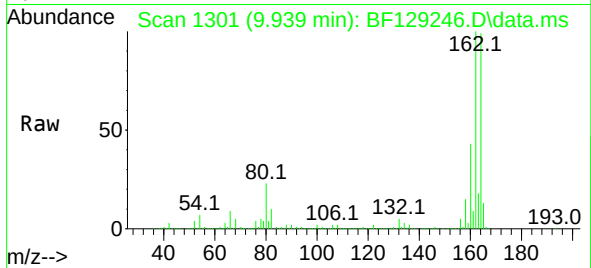
141 89.5 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

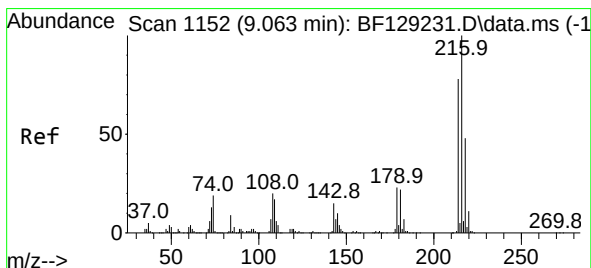
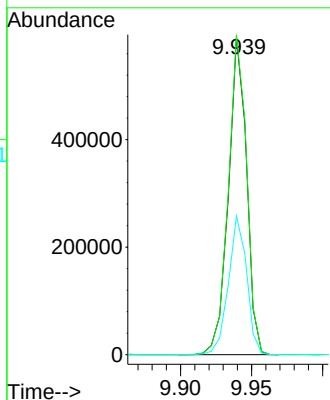
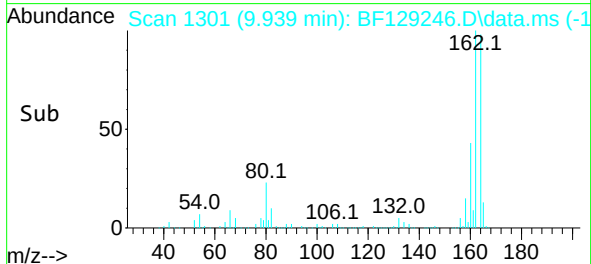
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



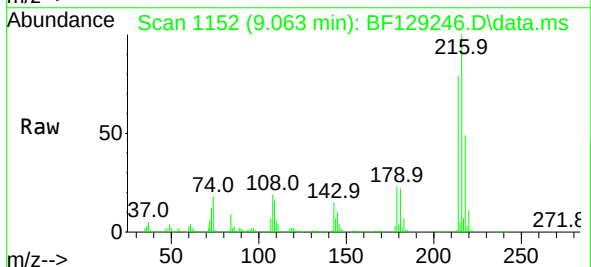
Tgt Ion:164 Resp: 52728
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 43.6 34.2 51.4

Manual Integrations
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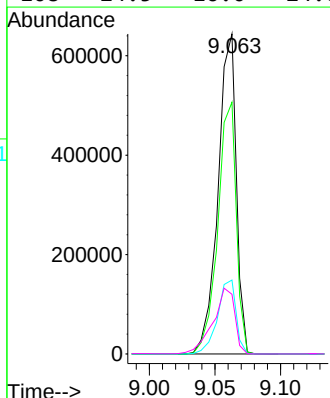
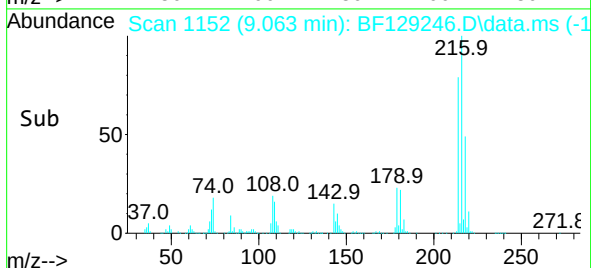
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

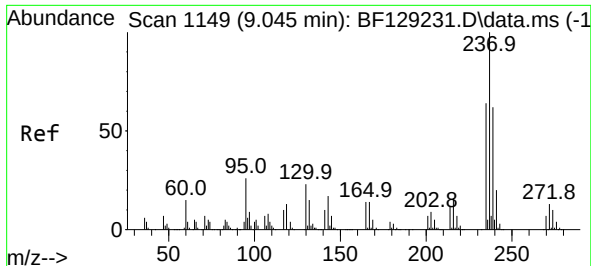


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.492 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



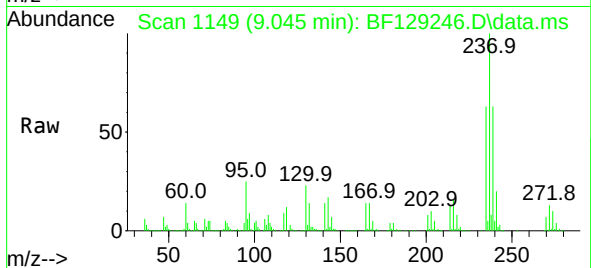
Tgt Ion:216 Resp: 622590
Ion Ratio Lower Upper
216 100
214 79.6 63.6 95.4
179 23.4 17.0 25.6
108 24.5 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 84.493 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

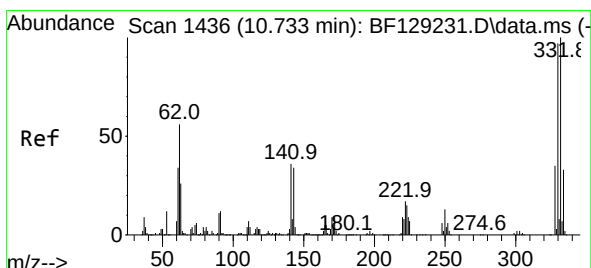
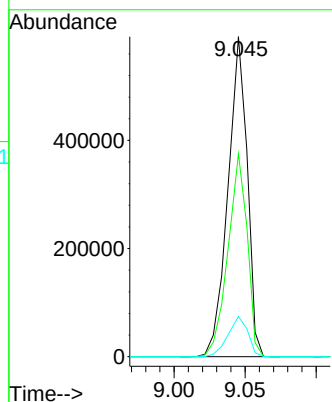
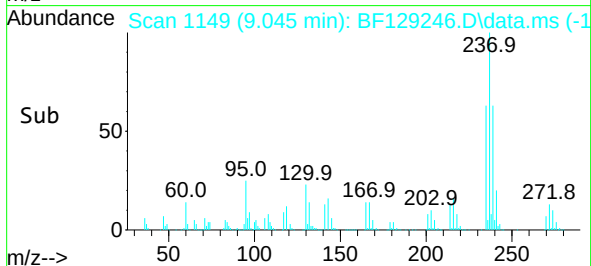
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



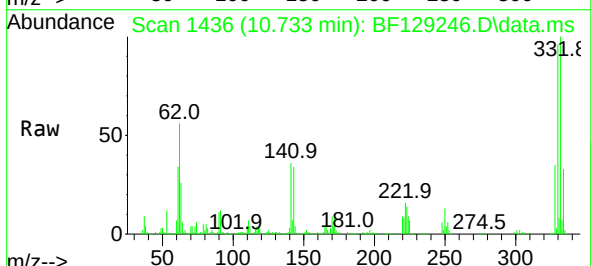
Tgt Ion:237 Resp: 557398
Ion Ratio Lower Upper
237 100
235 63.4 43.2 83.2
272 12.5 0.0 31.9

Manual Integrations
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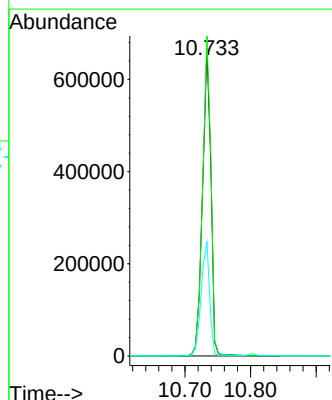
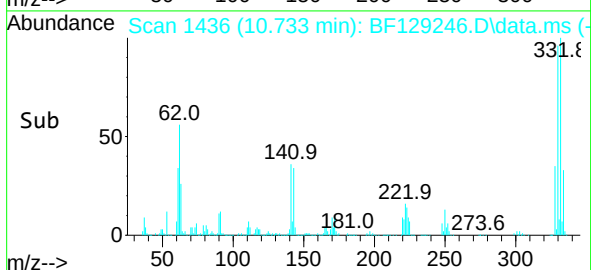
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

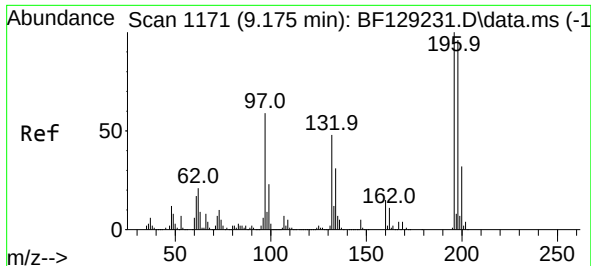


#42
2,4,6-Tribromophenol
Concen: 122.189 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:330 Resp: 598000
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 37.8 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 47.919 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:196 Resp: 462578

Ion Ratio Lower Upper

196 100

198 93.4 74.0 111.0

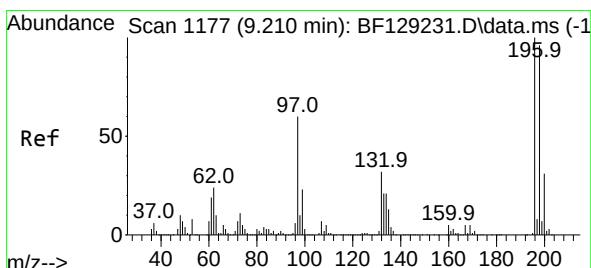
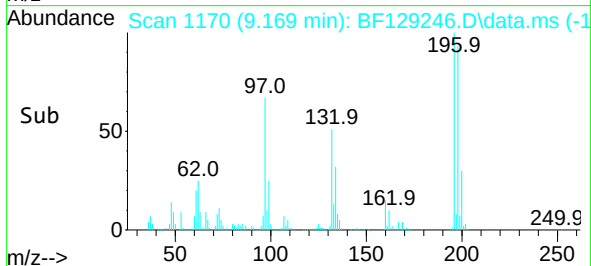
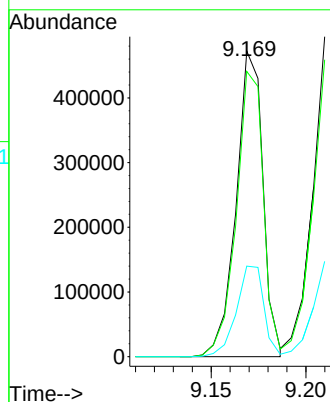
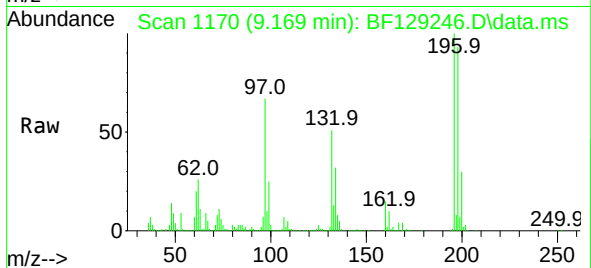
200 29.6 24.1 36.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#44

2,4,5-Trichlorophenol

Concen: 47.969 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Tgt Ion:196 Resp: 489816

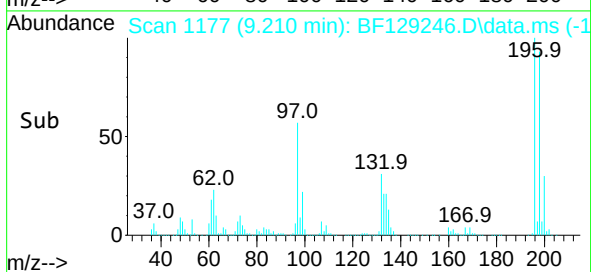
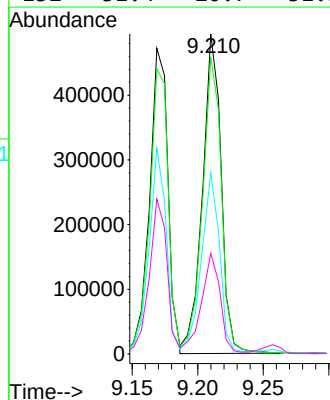
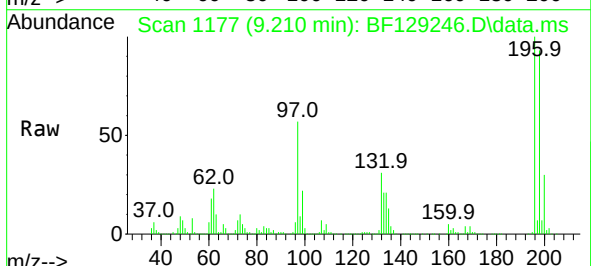
Ion Ratio Lower Upper

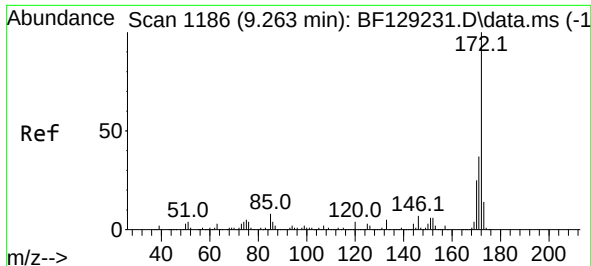
196 100

198 92.8 75.7 113.5

97 56.6 36.4 54.6#

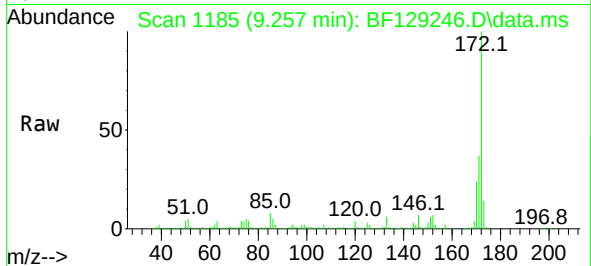
132 31.4 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 84.659 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

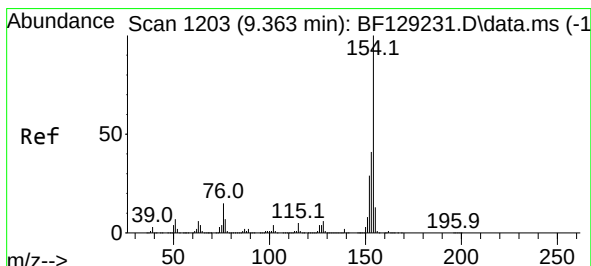
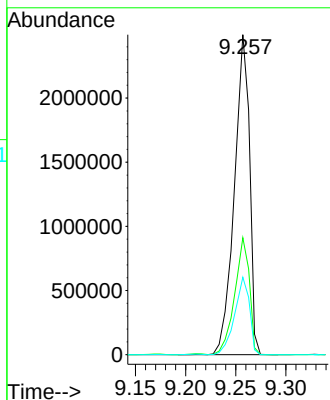
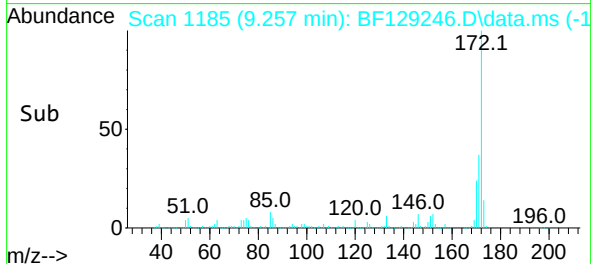
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



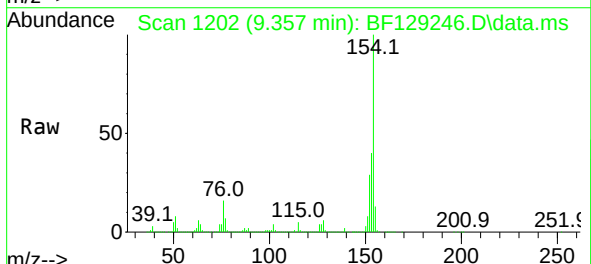
Tgt Ion:172 Resp: 263482
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.2 19.8 29.8

Manual Integrations
APPROVED

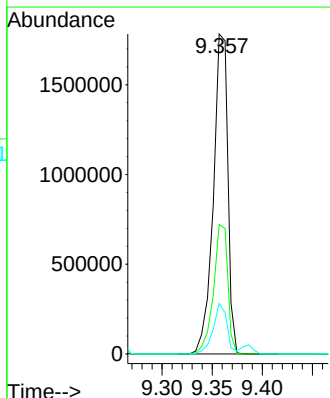
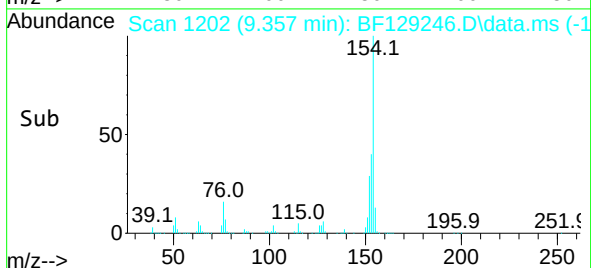
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

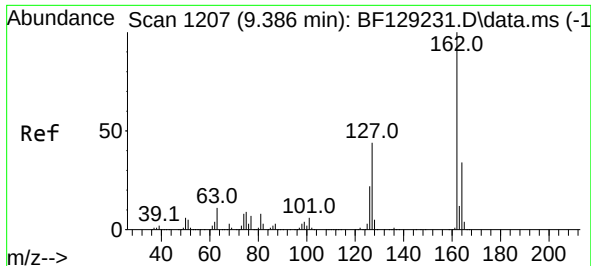


#46
1,1'-Biphenyl
Concen: 48.133 ng
RT: 9.357 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:154 Resp: 1795081
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 15.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 47.811 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:162 Resp: 1404440

Ion Ratio Lower Upper

162 100

127 42.9 34.5 51.7

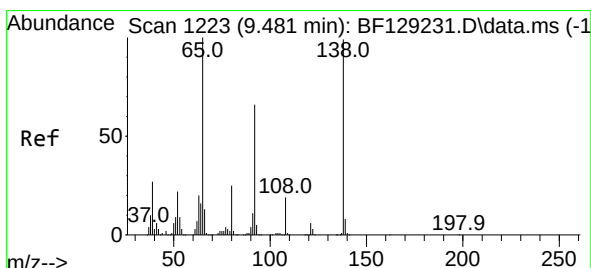
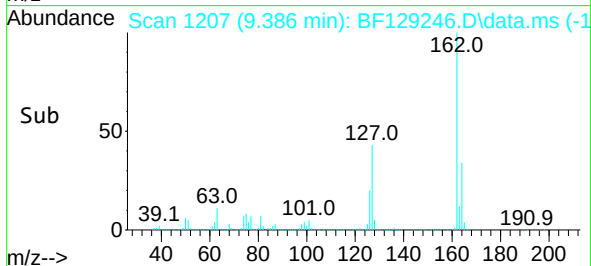
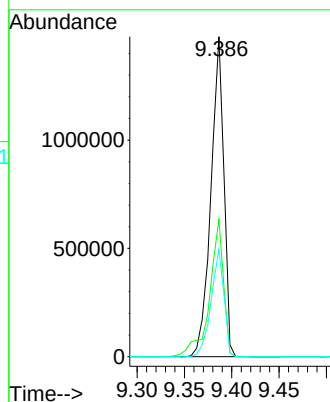
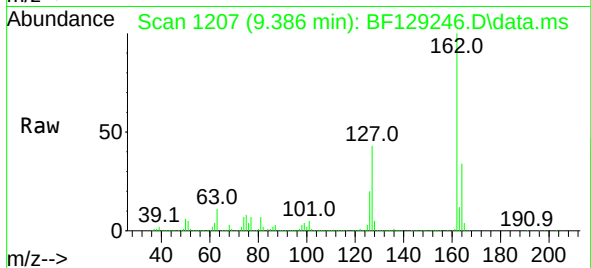
164 33.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#48

2-Nitroaniline

Concen: 48.800 ng

RT: 9.480 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

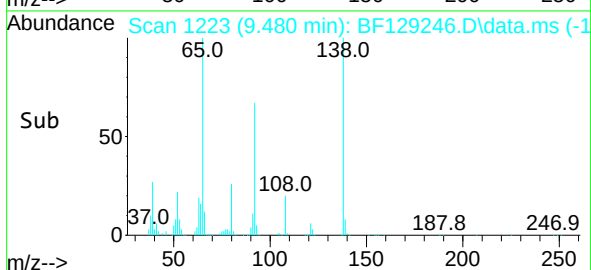
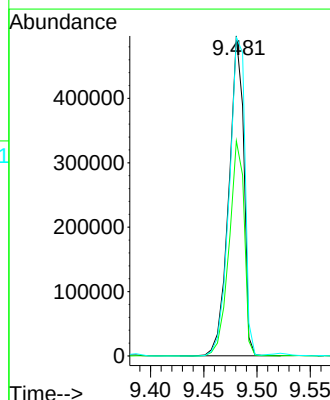
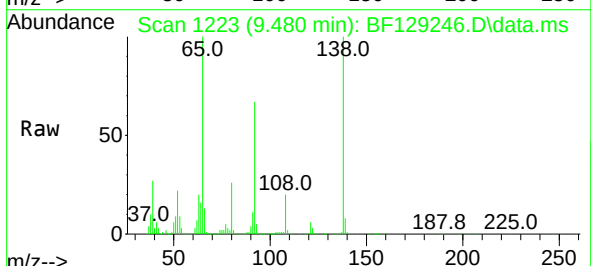
Tgt Ion: 65 Resp: 481613

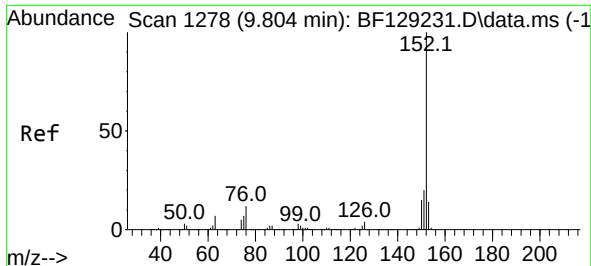
Ion Ratio Lower Upper

65 100

92 67.2 51.9 77.9

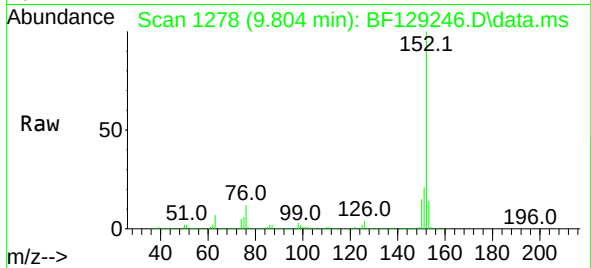
138 99.6 76.4 114.6





#49
Acenaphthylene
Concen: 48.064 ng
RT: 9.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

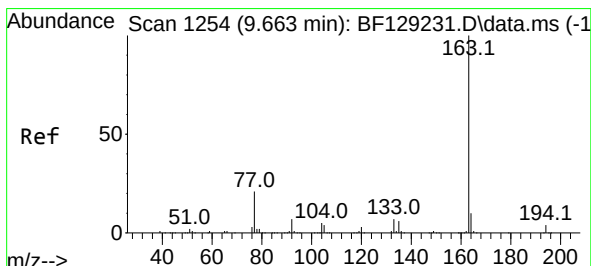
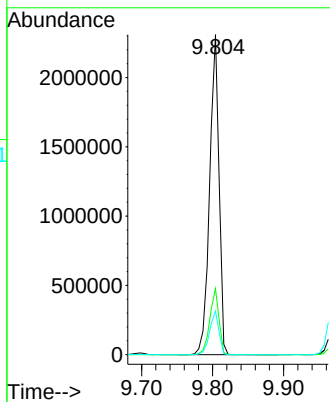
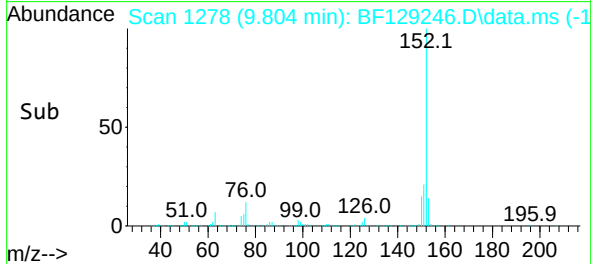
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



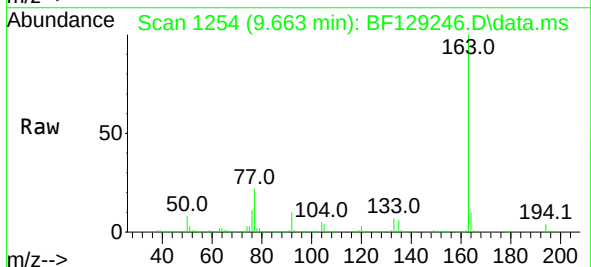
Tgt Ion:152 Resp: 212505
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.7 10.7 16.1

Manual Integrations
APPROVED

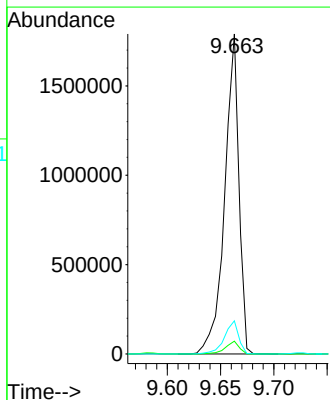
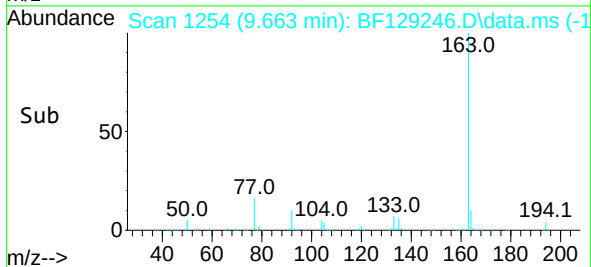
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

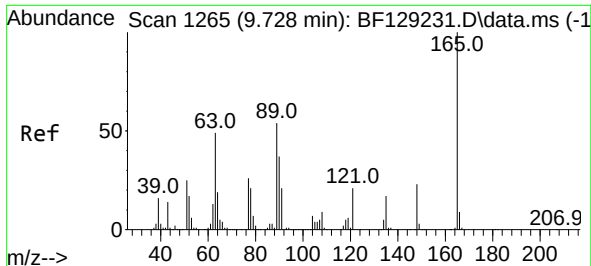


#50
Dimethylphthalate
Concen: 48.510 ng
RT: 9.663 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



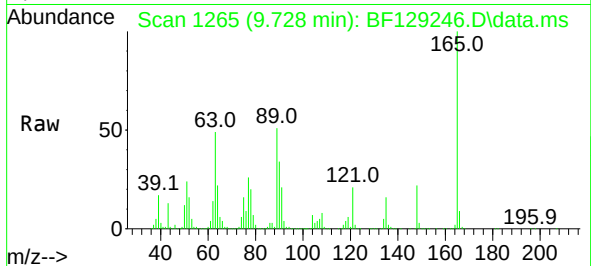
Tgt Ion:163 Resp: 1659847
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.498 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

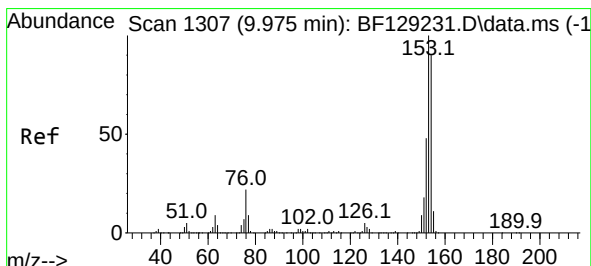
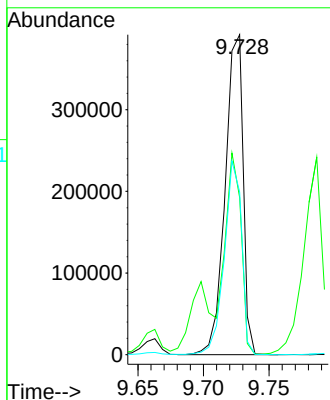
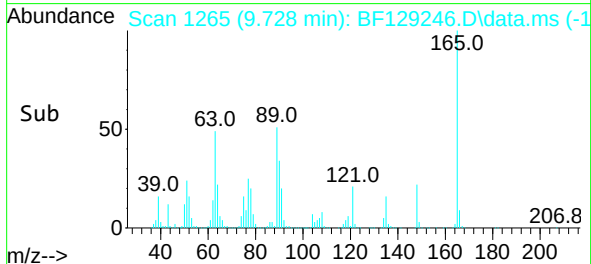
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



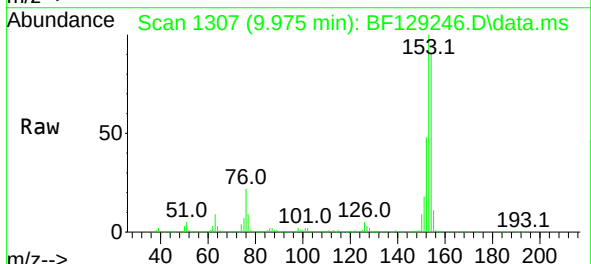
Tgt Ion:165 Resp: 37389
Ion Ratio Lower Upper
165 100
63 49.1 44.9 67.3
89 50.8 43.6 65.4

Manual Integrations
APPROVED

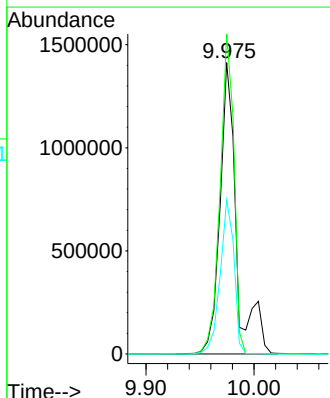
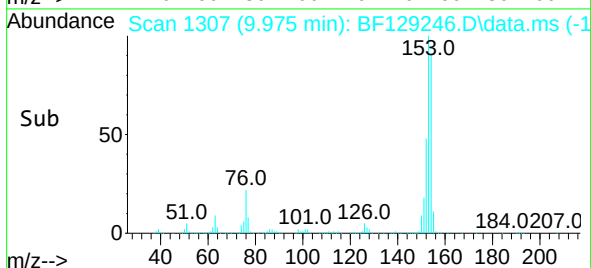
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

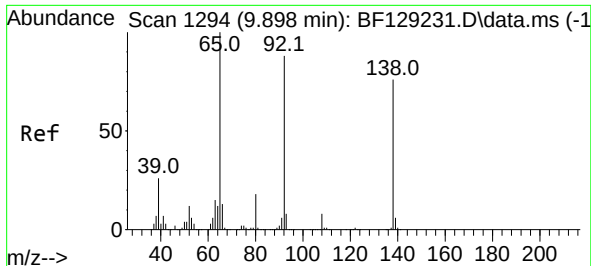


#52
Acenaphthene
Concen: 52.028 ng m
RT: 9.975 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:154 Resp: 1503628
Ion Ratio Lower Upper
154 100
153 109.8 89.6 134.4
152 52.9 42.4 63.6





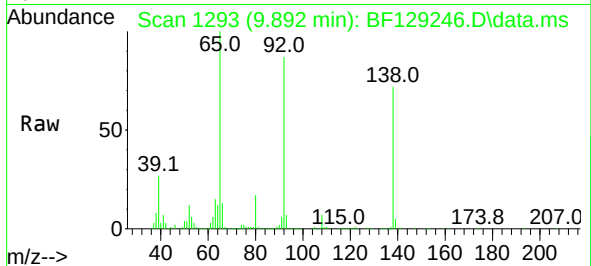
#53
3-Nitroaniline
Concen: 36.724 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

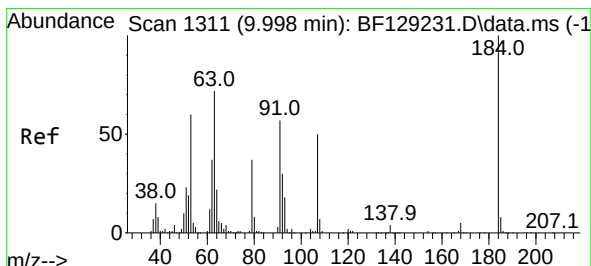
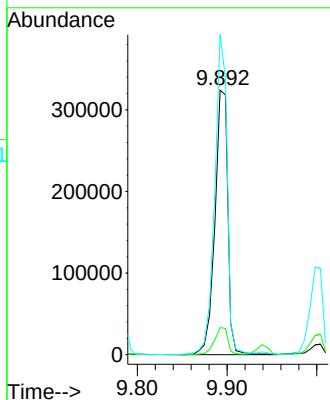
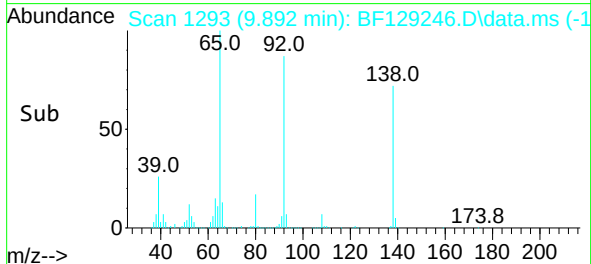


Tgt Ion:138 Resp: 324694
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3
92 121.0 98.2 147.2

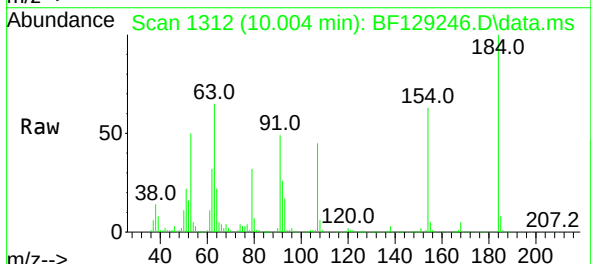
Manual Integrations

APPROVED

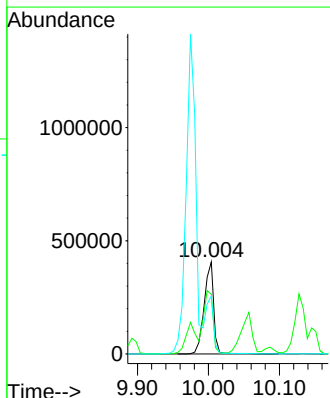
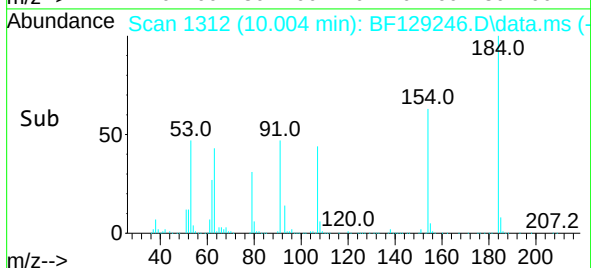
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

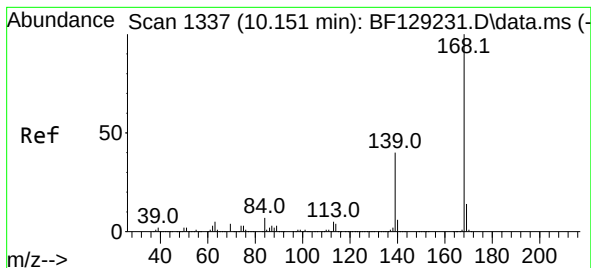


#54
2,4-Dinitrophenol
Concen: 96.006 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



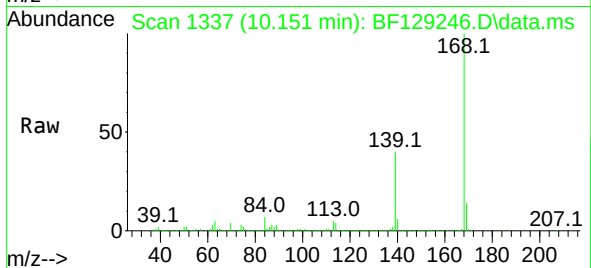
Tgt Ion:184 Resp: 380978
Ion Ratio Lower Upper
184 100
63 64.9 64.5 96.7
154 62.8 50.6 75.8





#55
Dibenzofuran
Concen: 46.668 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

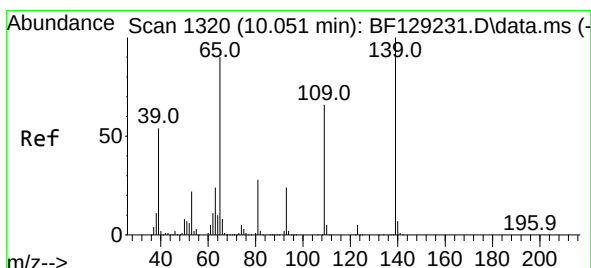
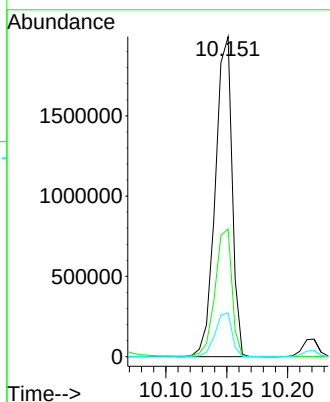
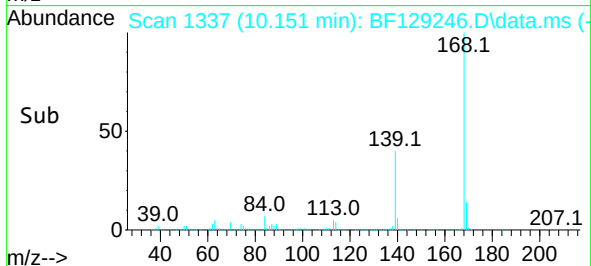
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



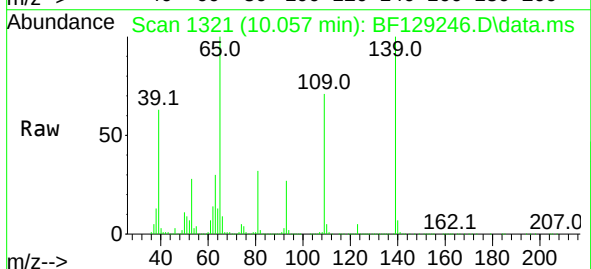
Tgt Ion:168 Resp: 191459
Ion Ratio Lower Upper
168 100
139 39.8 30.6 46.0
169 13.7 11.0 16.6

Manual Integrations
APPROVED

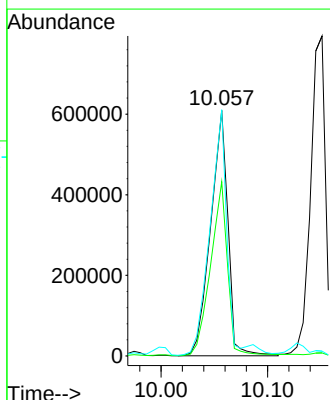
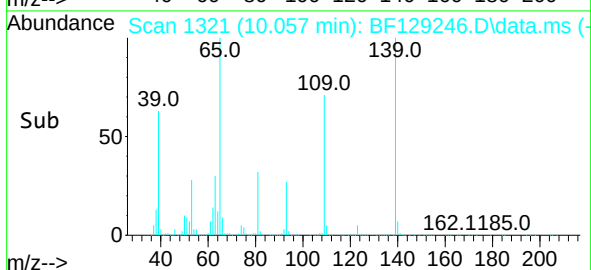
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

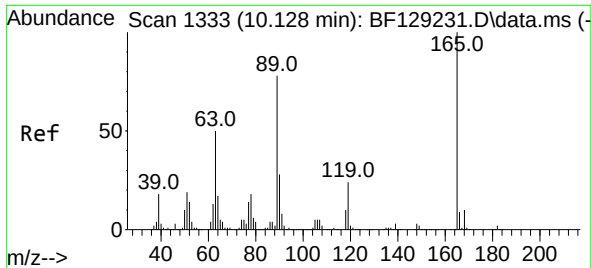


#56
4-Nitrophenol
Concen: 98.254 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



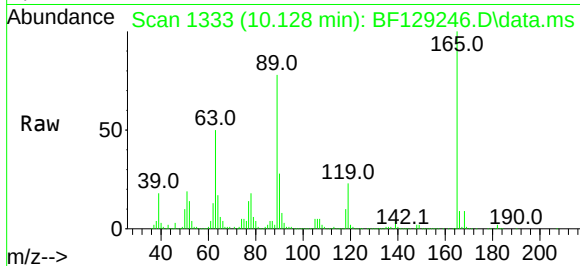
Tgt Ion:139 Resp: 687580
Ion Ratio Lower Upper
139 100
109 70.9 50.7 90.7
65 100.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 51.511 ng
RT: 10.128 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

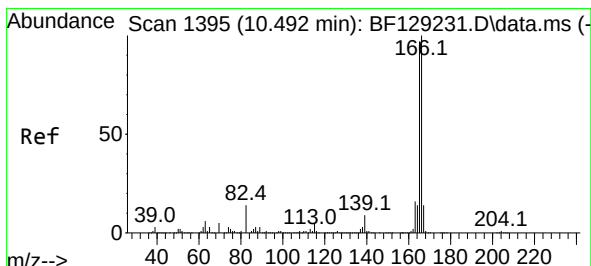
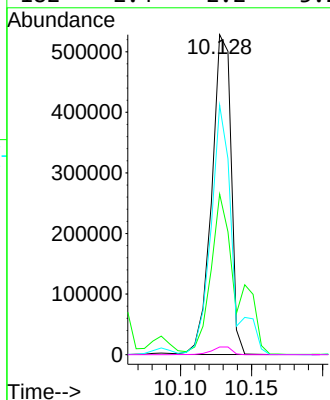
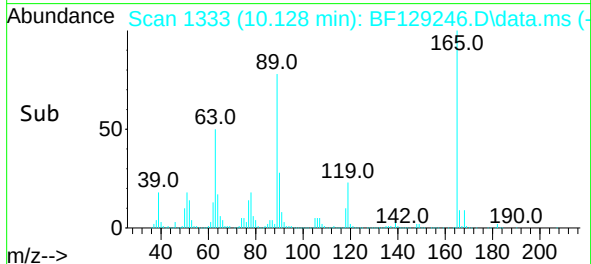
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



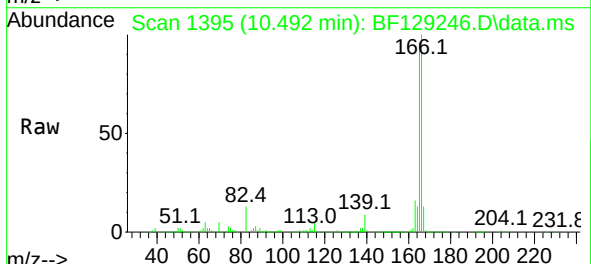
Tgt Ion:165 Resp: 500137
Ion Ratio Lower Upper
165 100
63 50.2 39.8 59.6
89 78.0 60.2 90.2
182 2.4 2.2 3.2

Manual Integrations
APPROVED

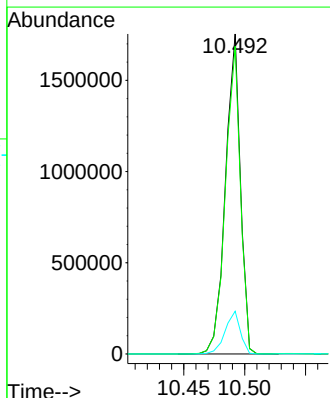
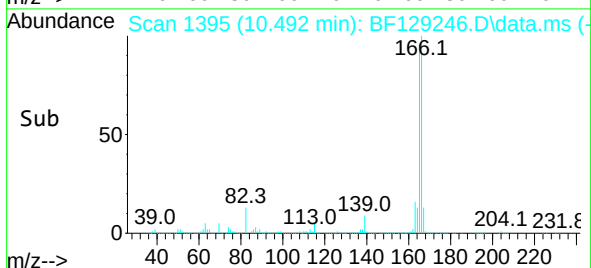
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

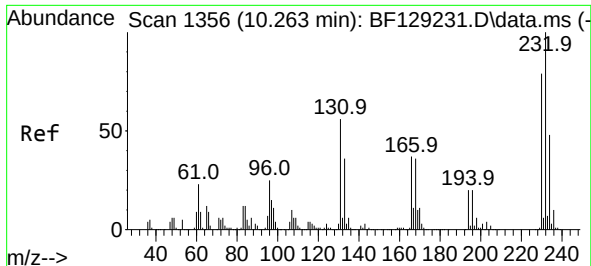


#58
Fluorene
Concen: 47.832 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:166 Resp: 1492539
Ion Ratio Lower Upper
166 100
165 96.1 78.1 117.1
167 13.3 10.5 15.7





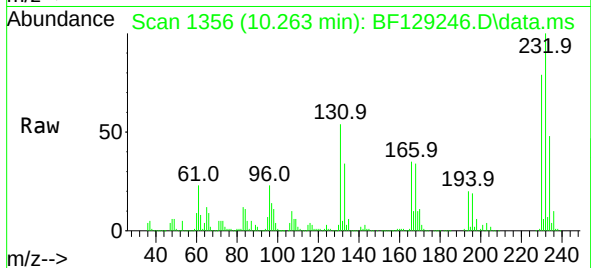
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.249 ng
RT: 10.263 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

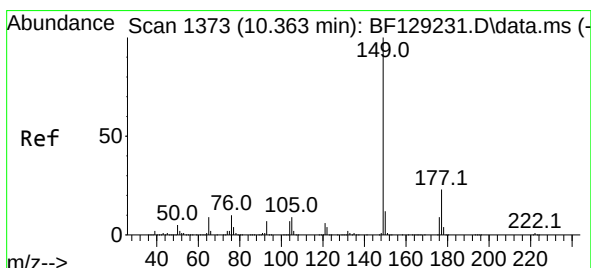
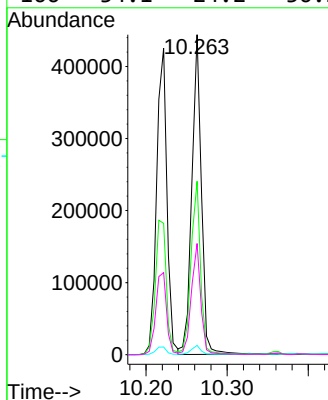
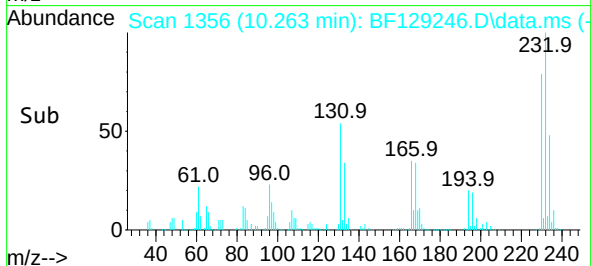


Tgt Ion:232 Resp: 364800
Ion Ratio Lower Upper
232 100
131 53.5 36.1 54.1
130 3.0 1.8 2.8
166 34.1 24.2 36.2

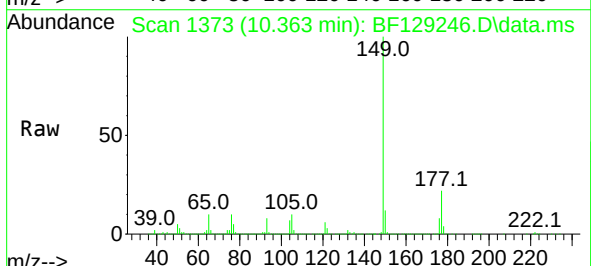
Manual Integrations

APPROVED

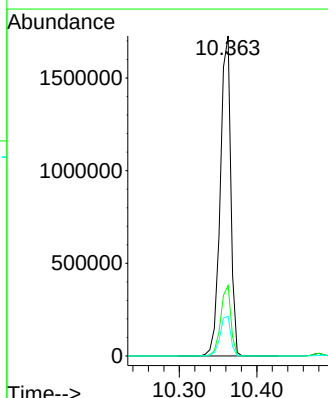
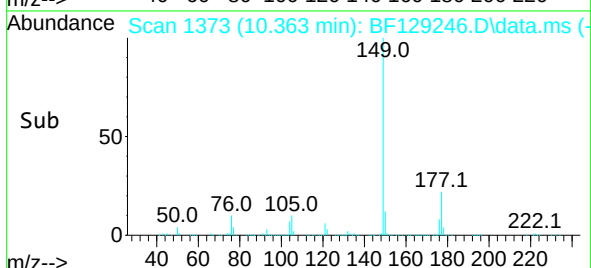
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

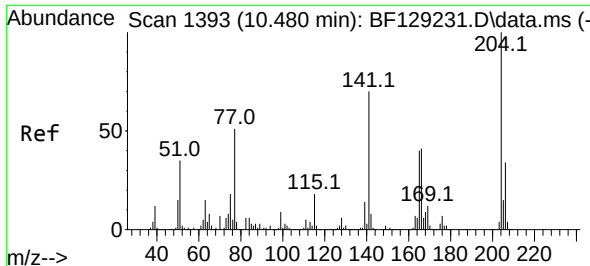


#60
Diethylphthalate
Concen: 48.924 ng
RT: 10.363 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



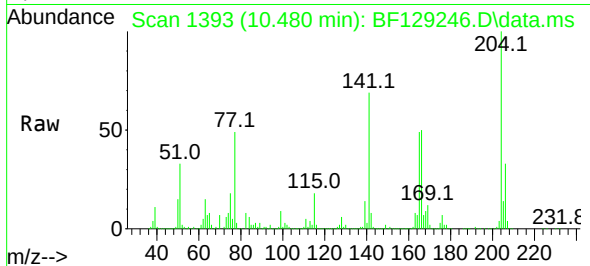
Tgt Ion:149 Resp: 1618867
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.158 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

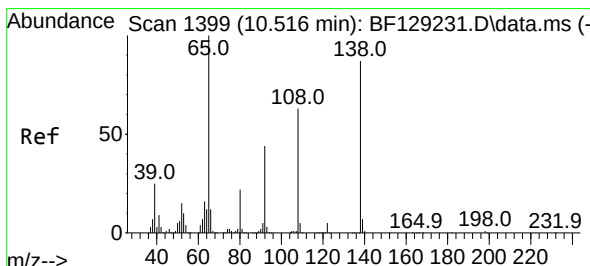
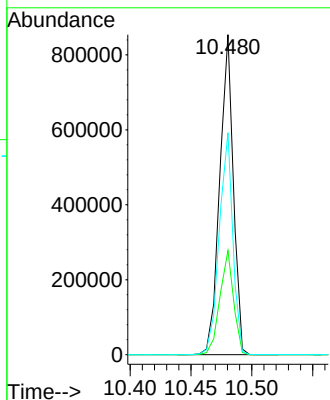
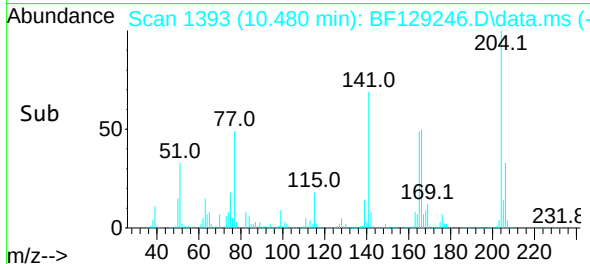
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



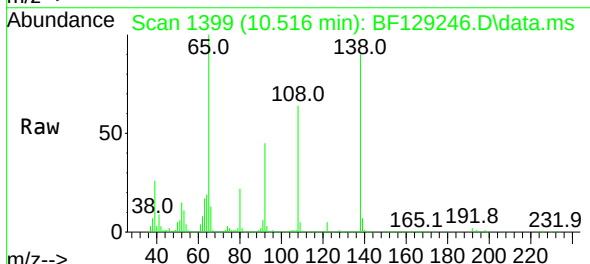
Tgt Ion:204 Resp: 667200
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 69.3 47.0 70.4

Manual Integrations
APPROVED

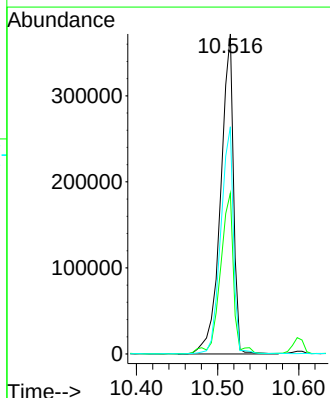
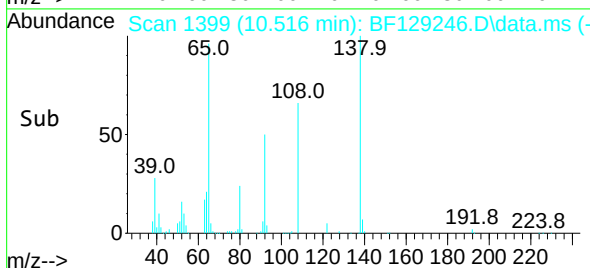
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

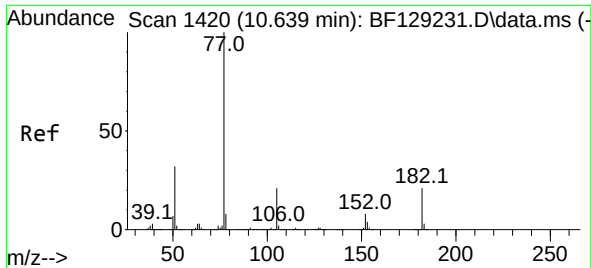


#62
4-Nitroaniline
Concen: 47.068 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



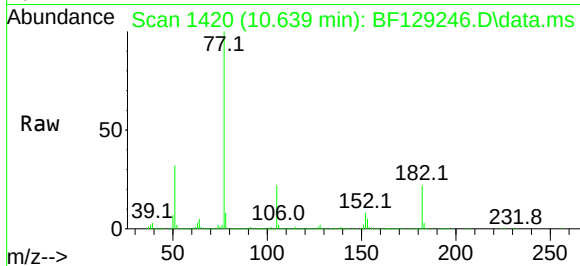
Tgt Ion:138 Resp: 412000
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 71.0 61.0 101.0





#63
Azobenzene
Concen: 46.537 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

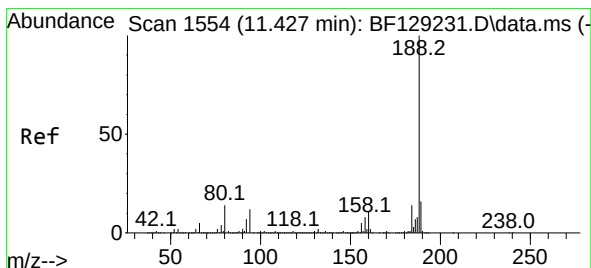
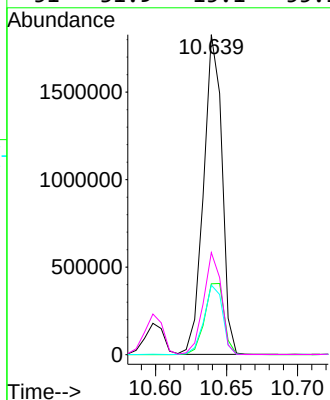
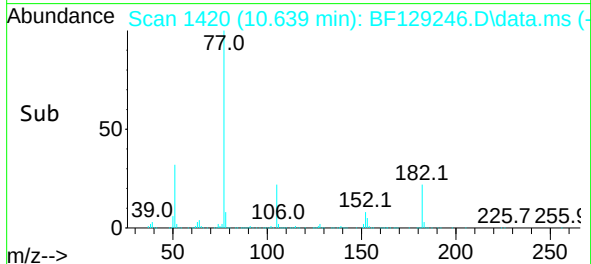
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



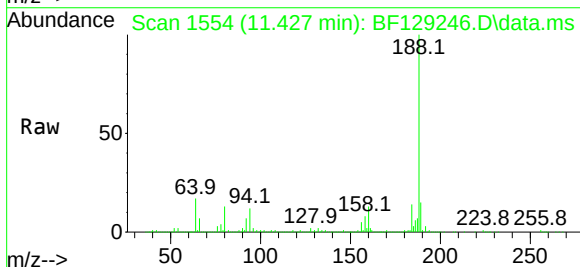
Tgt Ion: 77 Resp: 164373
Ion Ratio Lower Upper
77 100
182 22.2 5.6 45.6
105 21.8 1.6 41.6
51 31.9 15.1 55.1

Manual Integrations
APPROVED

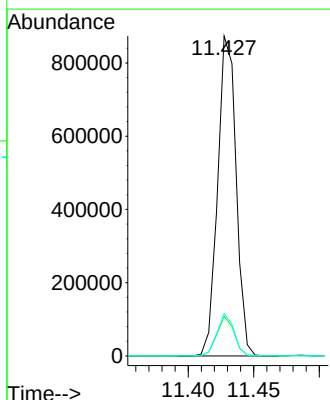
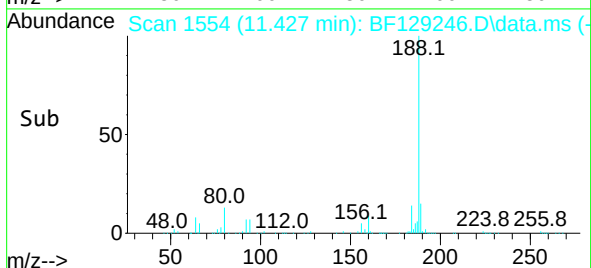
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

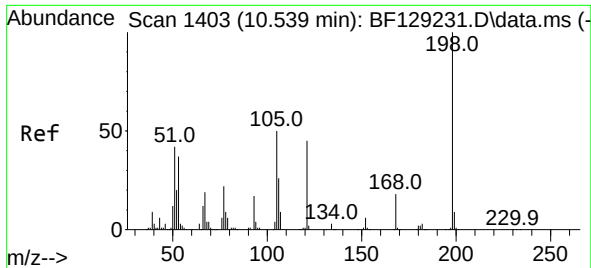


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:188 Resp: 854486
Ion Ratio Lower Upper
188 100
94 12.4 7.0 10.6#
80 13.2 7.6 11.4#





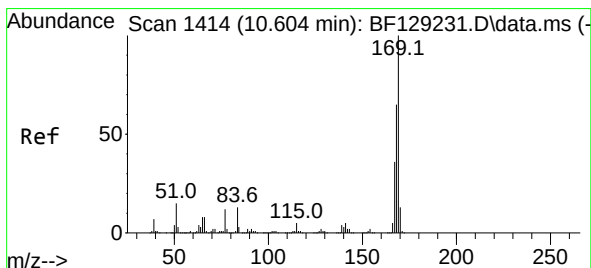
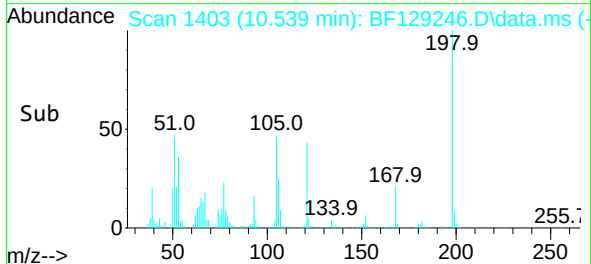
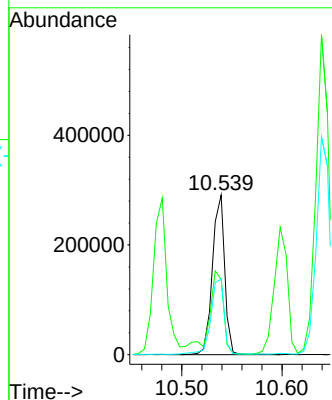
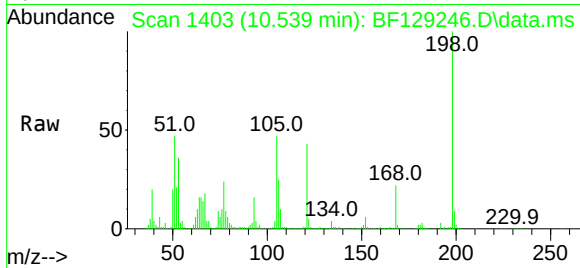
#65
4,6-Dinitro-2-methylphenol
Concen: 46.115 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:198 Resp: 248960
Ion Ratio Lower Upper
198 100
51 47.1 37.6 77.6
105 47.5 27.0 67.0

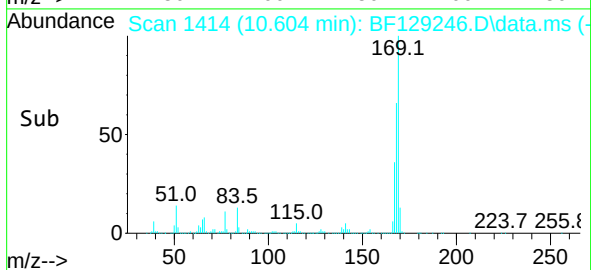
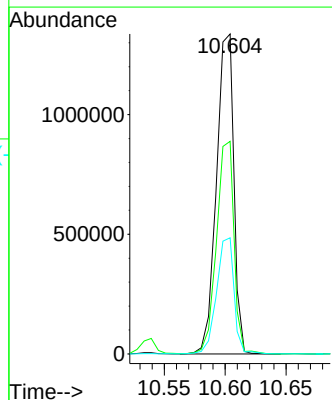
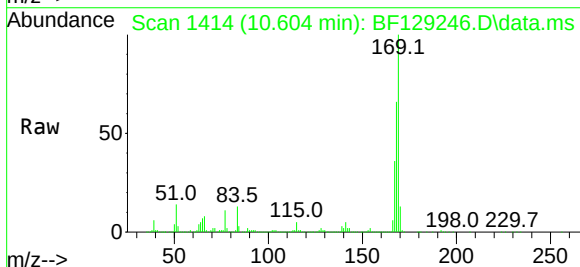
Manual Integrations
APPROVED

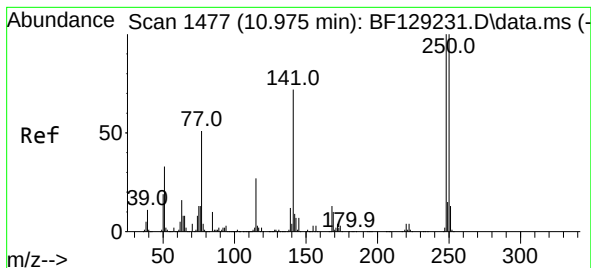
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#66
n-Nitrosodiphenylamine
Concen: 48.802 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

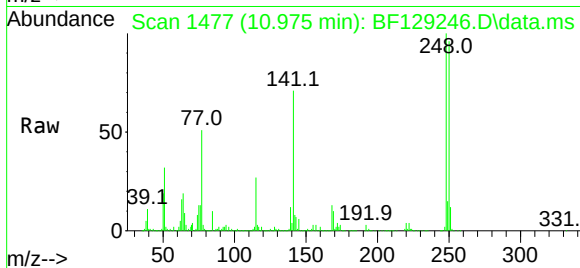
Tgt Ion:169 Resp: 1330487
Ion Ratio Lower Upper
169 100
168 66.5 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 48.340 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

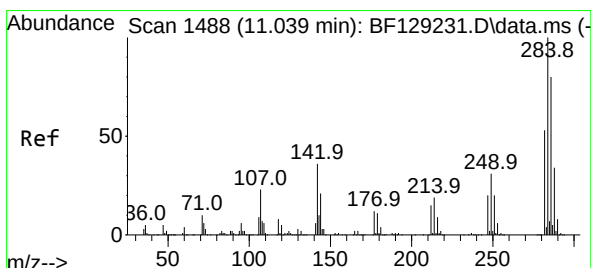
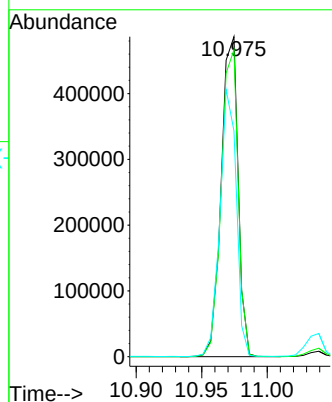
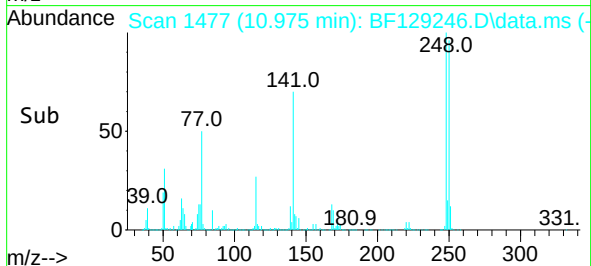
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



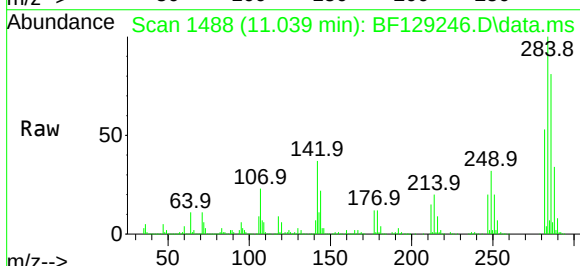
Tgt Ion:248 Resp: 434810
Ion Ratio Lower Upper
248 100
250 95.9 80.6 120.8
141 70.5 58.9 88.3

Manual Integrations
APPROVED

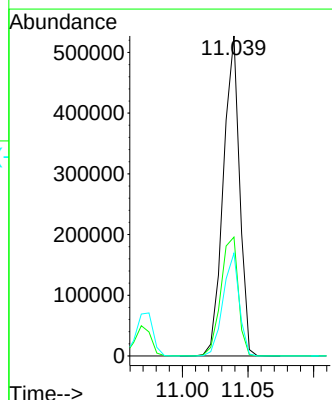
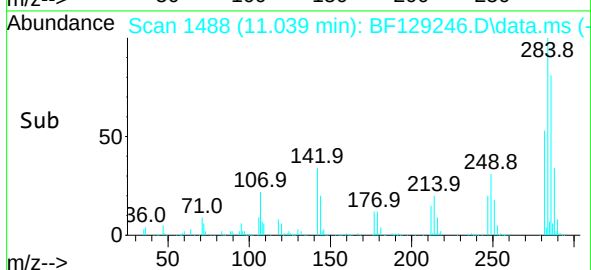
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

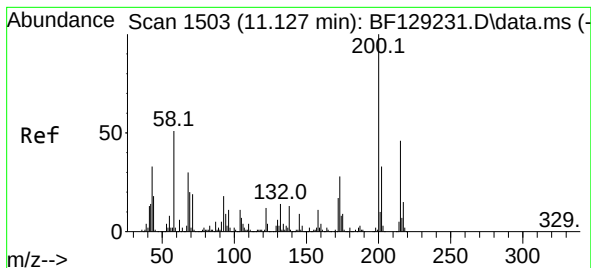


#68
Hexachlorobenzene
Concen: 48.004 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:284 Resp: 453242
Ion Ratio Lower Upper
284 100
142 37.1 29.0 43.4
249 32.1 25.0 37.6





#69

Atrazine

Concen: 56.177 ng

RT: 11.127 min Scan# 1503

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:200 Resp: 42458

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

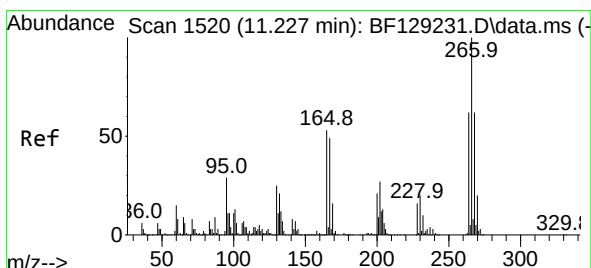
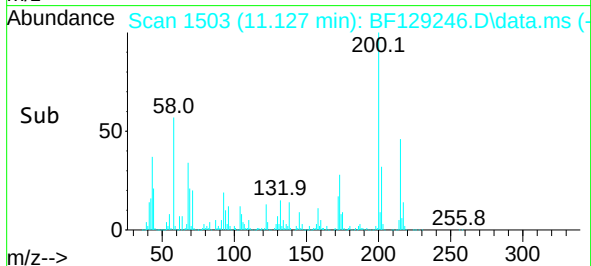
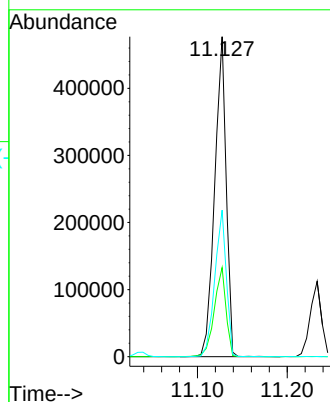
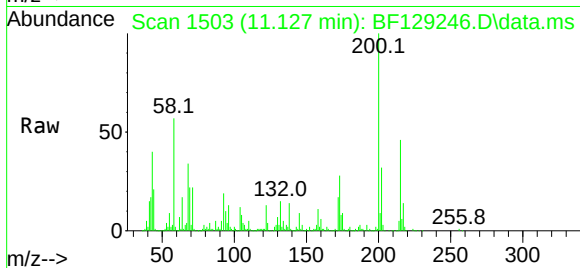
215 45.8 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#70

Pentachlorophenol

Concen: 87.396 ng

RT: 11.233 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

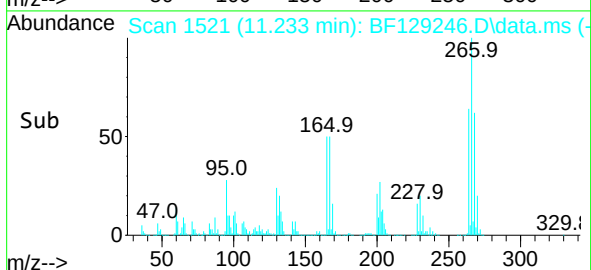
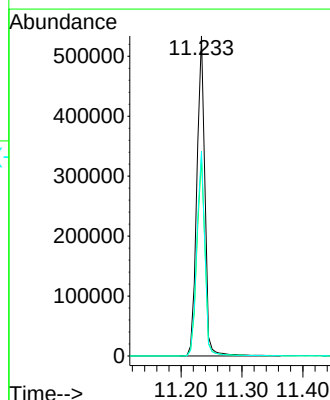
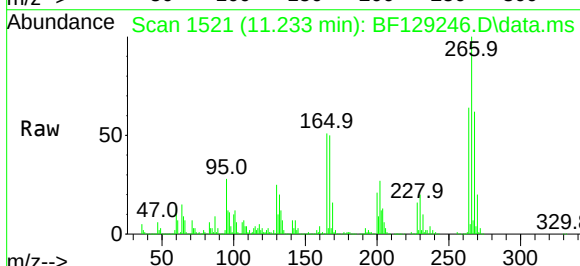
Tgt Ion:266 Resp: 490685

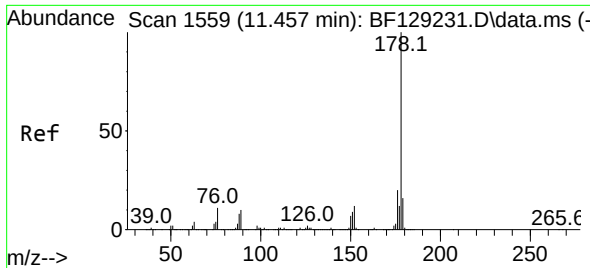
Ion Ratio Lower Upper

266 100

268 62.1 51.0 76.4

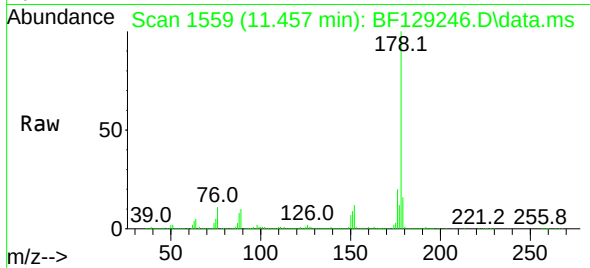
264 64.0 49.4 74.2





#71
Phenanthrene
Concen: 49.260 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

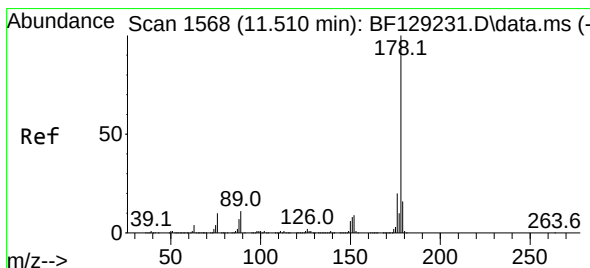
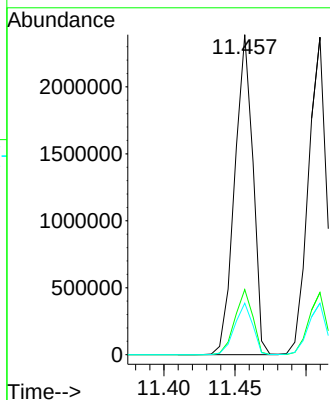
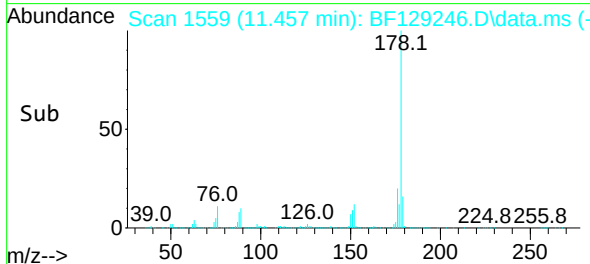
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



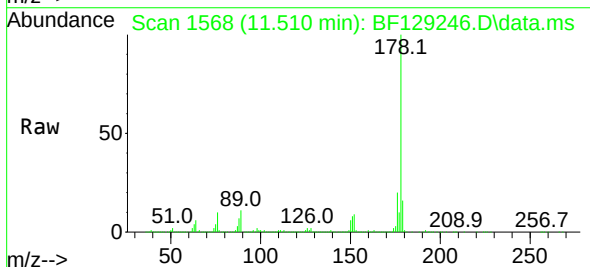
Tgt Ion:178 Resp: 2137039
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.1 12.6 19.0

Manual Integrations
APPROVED

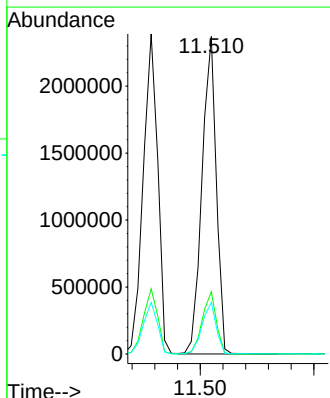
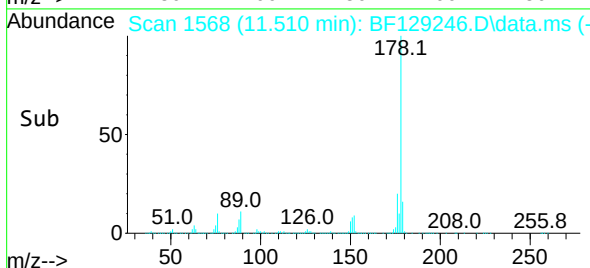
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

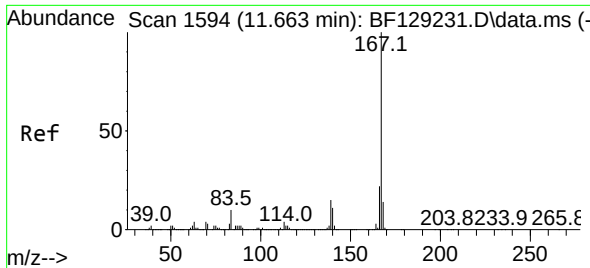


#72
Anthracene
Concen: 48.104 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



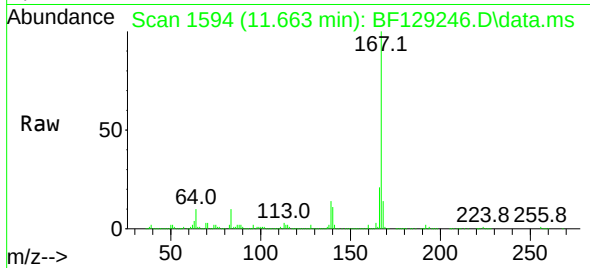
Tgt Ion:178 Resp: 2073034
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.2 12.6 19.0





#73
 Carbazole
 Concen: 44.957 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. -0.000 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21

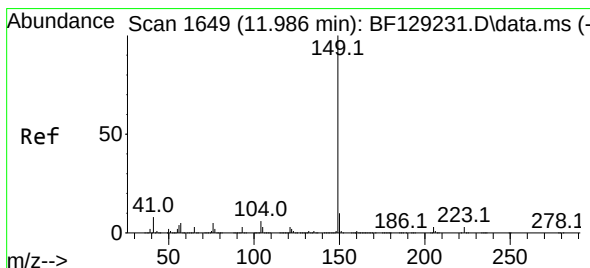
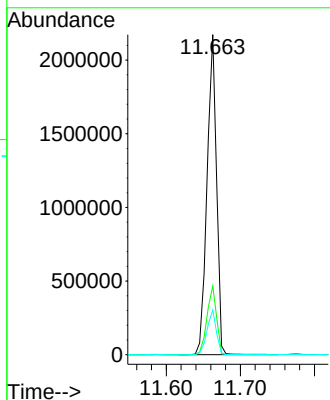
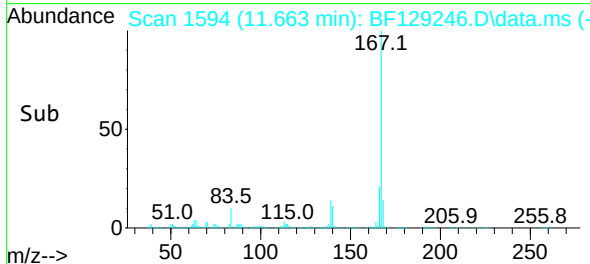
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



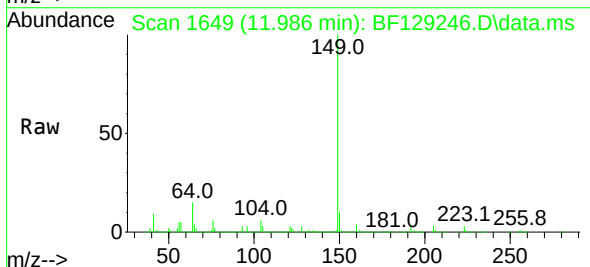
Tgt Ion:167 Resp: 1932515
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 14.0 11.2 16.8

Manual Integrations
 APPROVED

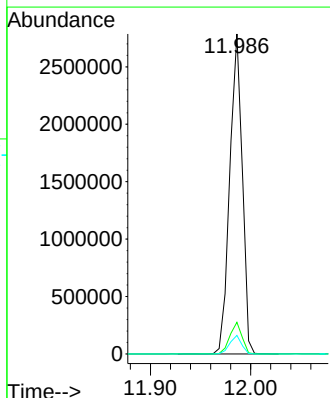
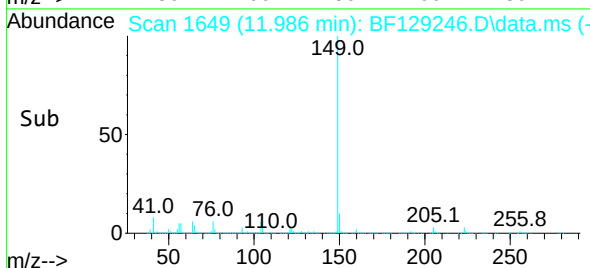
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

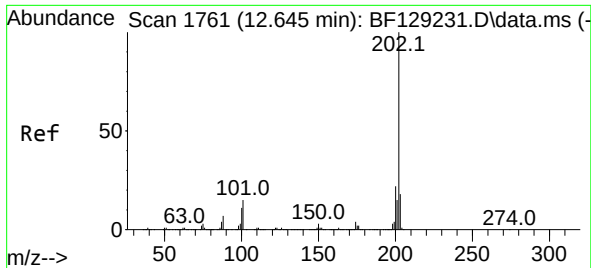


#74
 Di-n-butylphthalate
 Concen: 48.867 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. -0.000 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21



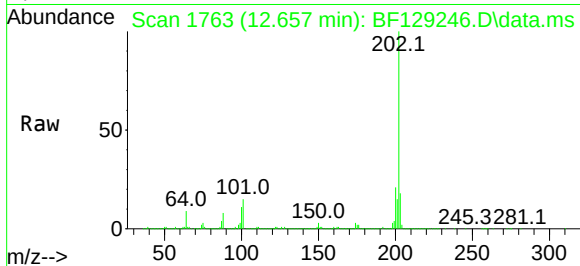
Tgt Ion:149 Resp: 2413989
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.8 4.4 6.6





#75
Fluoranthene
Concen: 49.989 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.012 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

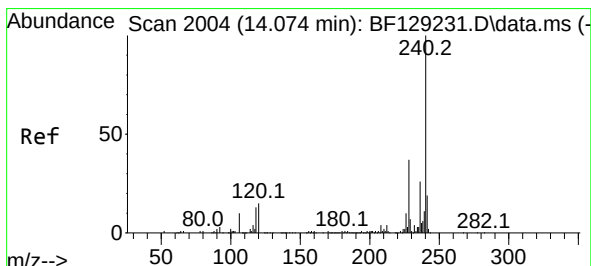
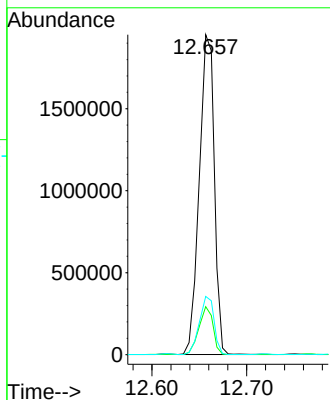
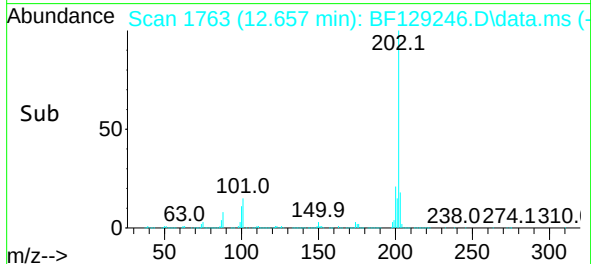
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



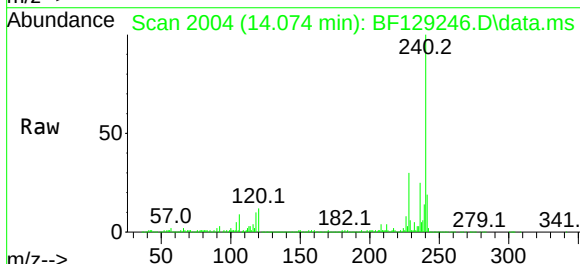
Tgt Ion:202 Resp: 215988
Ion Ratio Lower Upper
202 100
101 15.0 0.0 31.4
203 18.2 0.0 38.0

Manual Integrations
APPROVED

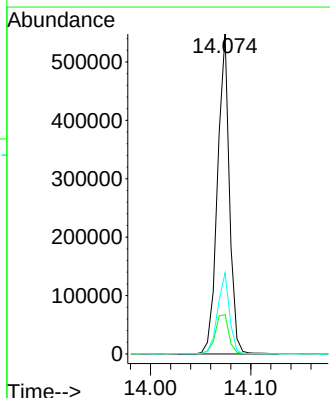
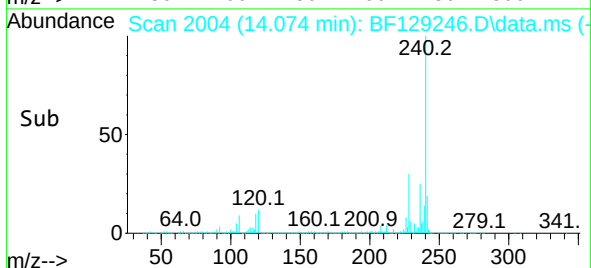
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

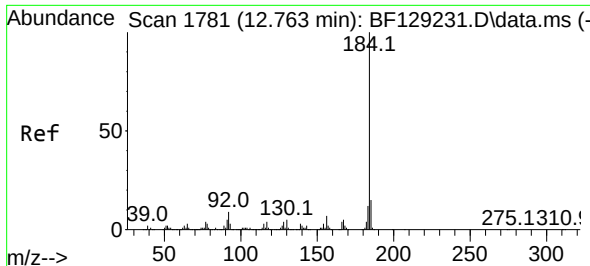


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



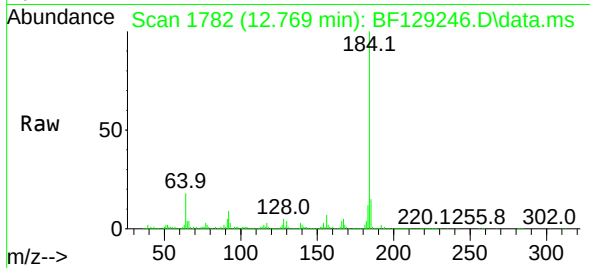
Tgt Ion:240 Resp: 450864
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.3 20.8 31.2





#77
Benzidine
Concen: 44.515 ng
RT: 12.769 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

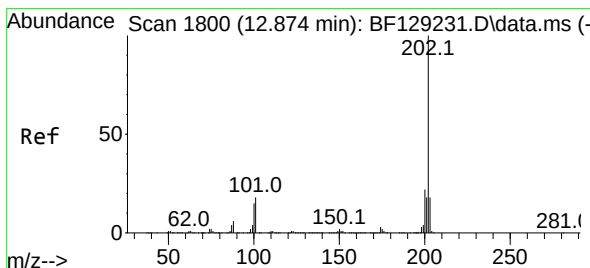
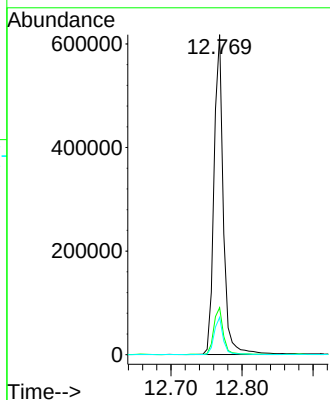
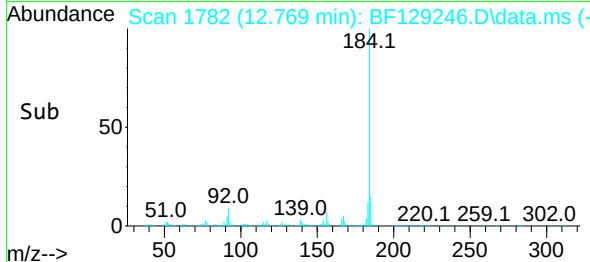
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



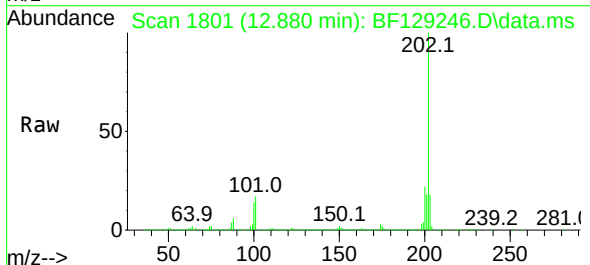
Tgt Ion:184 Resp: 561799
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.6 9.3 13.9

Manual Integrations
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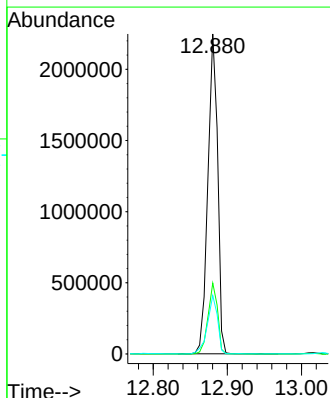
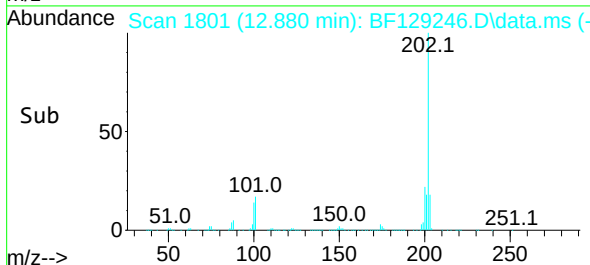
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

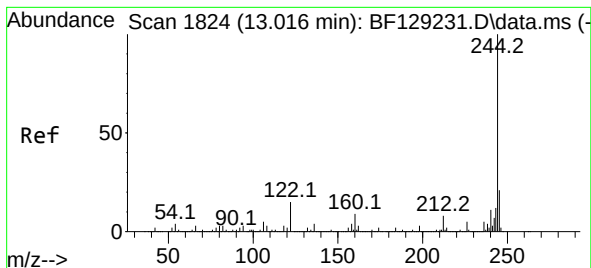


#78
Pyrene
Concen: 56.420 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:202 Resp: 2060341
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.2 14.6 21.8





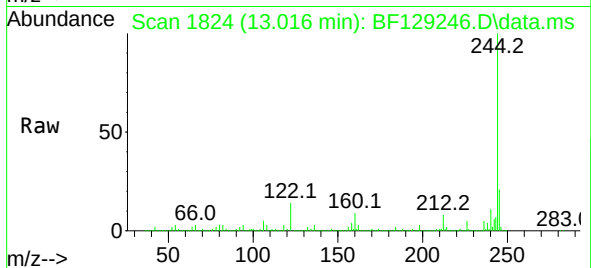
#79
 Terphenyl-d14
 Concen: 95.277 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

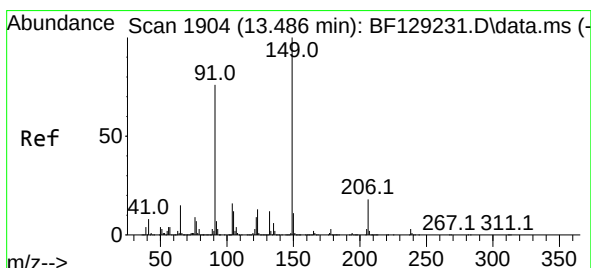
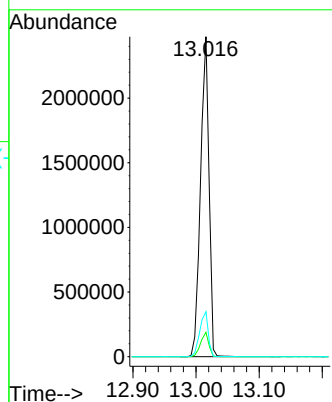
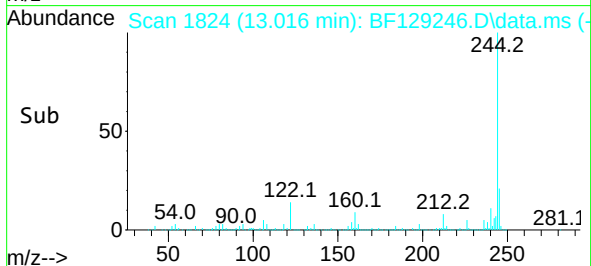


Tgt Ion:244 Resp: 2296312
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.1 8.8 13.2

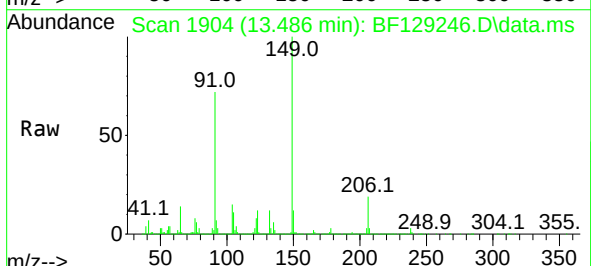
Manual Integrations

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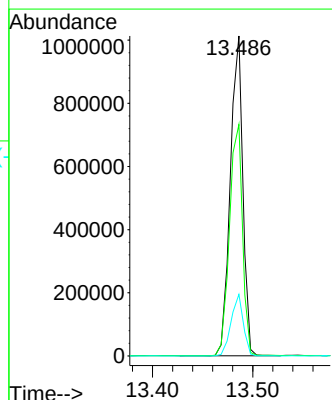
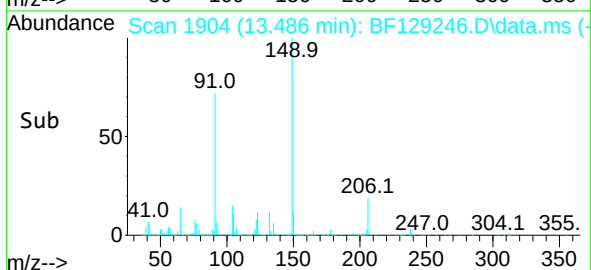
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

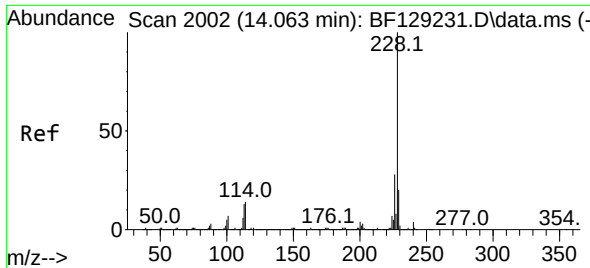


#80
 Butylbenzylphthalate
 Concen: 53.941 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: BF129246.D
 Acq: 15 Jul 2022 19:21



Tgt Ion:149 Resp: 877380
 Ion Ratio Lower Upper
 149 100
 91 72.3 61.2 91.8
 206 19.2 15.7 23.5





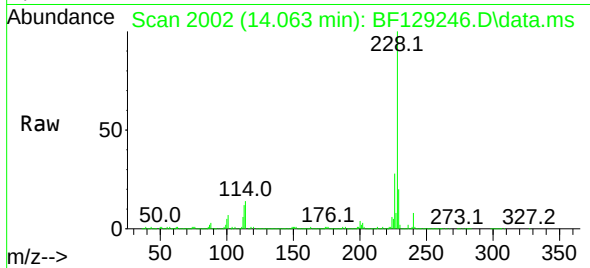
#81
Benzo(a)anthracene
Concen: 52.327 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

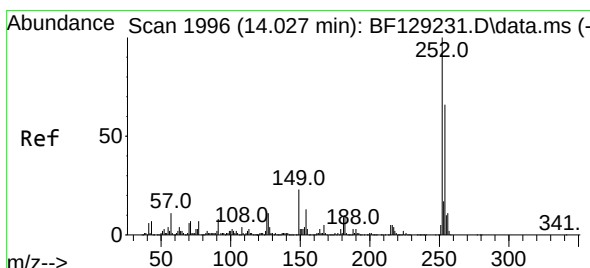
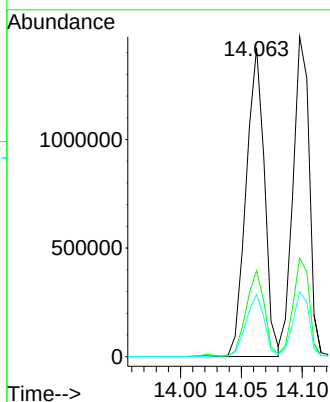
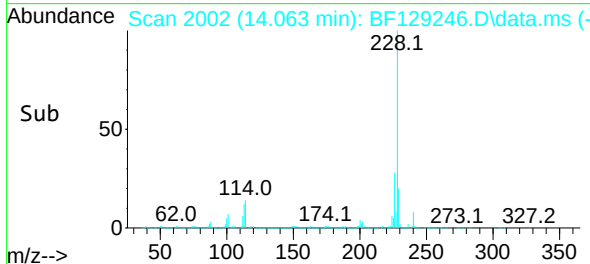


Tgt Ion:228 Resp: 1488134
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.2 15.8 23.8

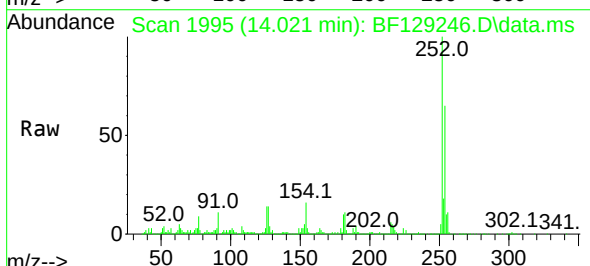
Manual Integrations

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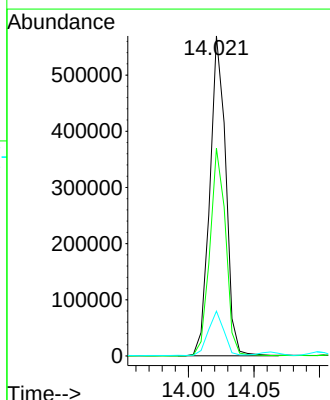
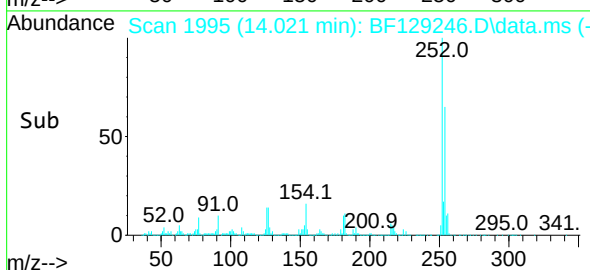
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

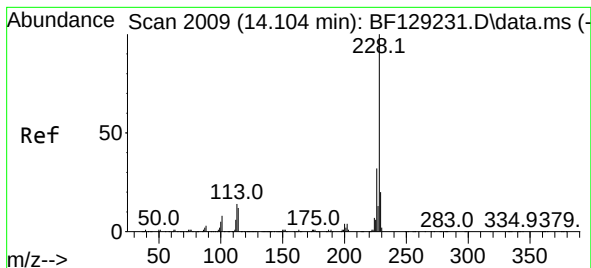


#82
3,3'-Dichlorobenzidine
Concen: 67.663 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:252 Resp: 481362
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 14.0 8.2 12.4





#83

Chrysene

Concen: 50.321 ng

RT: 14.098 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 136597

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

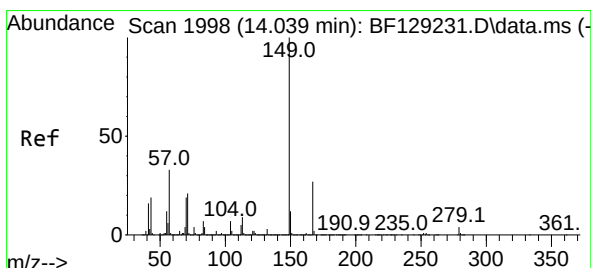
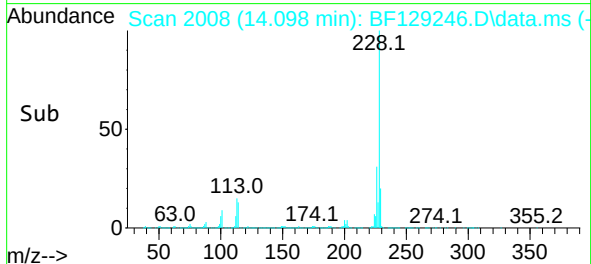
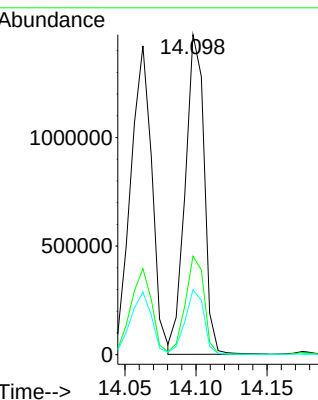
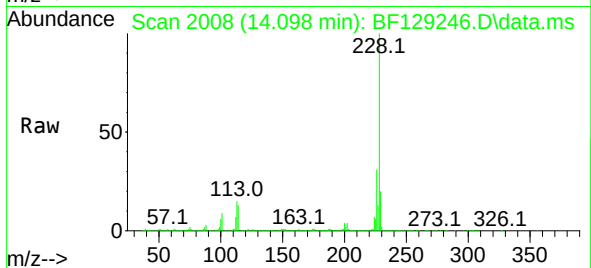
229 20.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.089 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

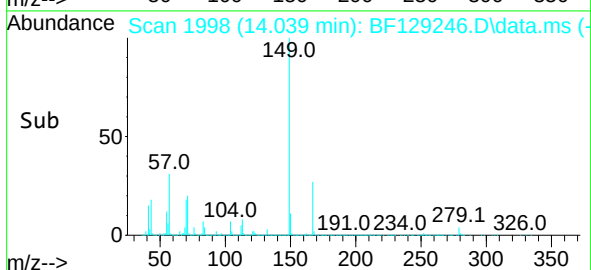
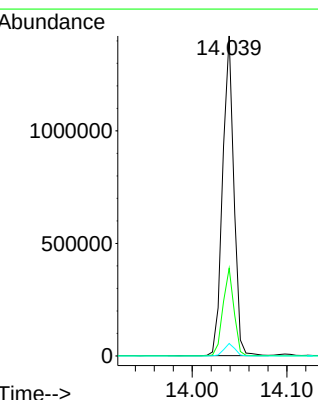
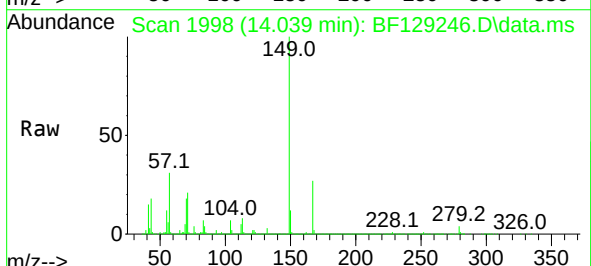
Tgt Ion:149 Resp: 1170676

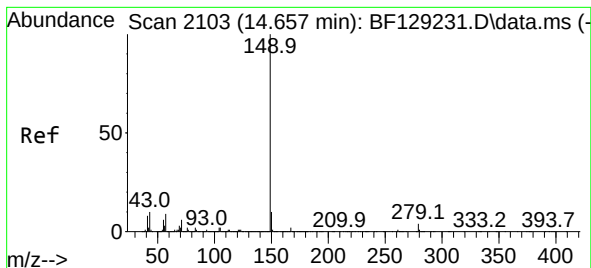
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

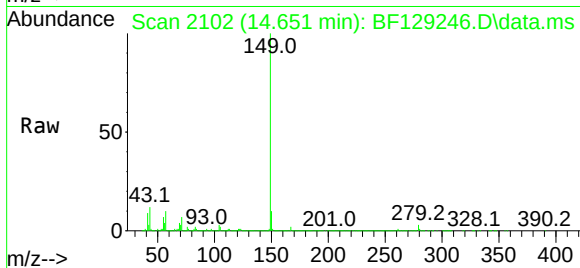
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 55.501 ng
RT: 14.651 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

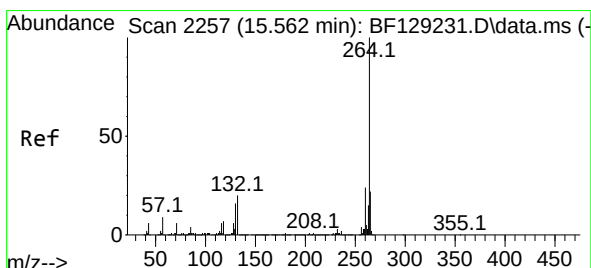
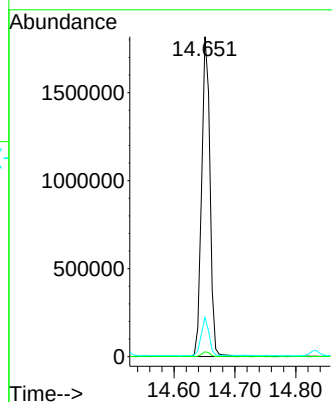
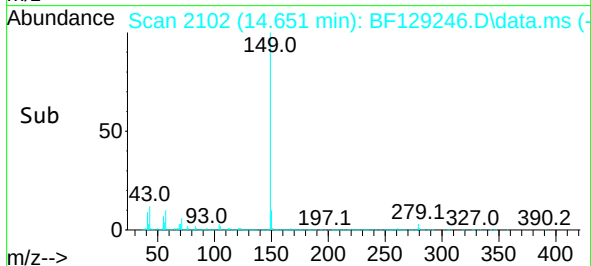
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:149 Resp: 1722914
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 9.2 13.8

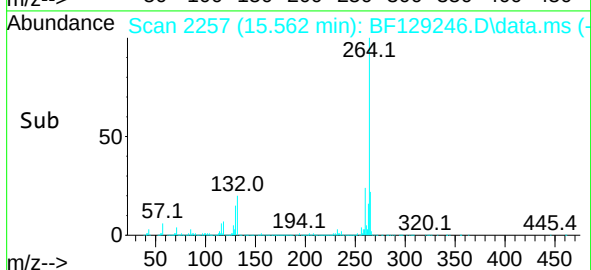
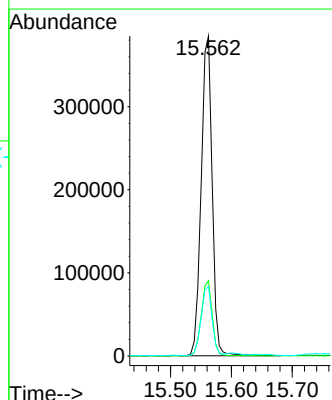
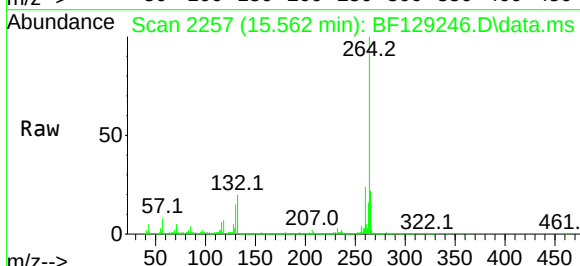
Manual Integrations
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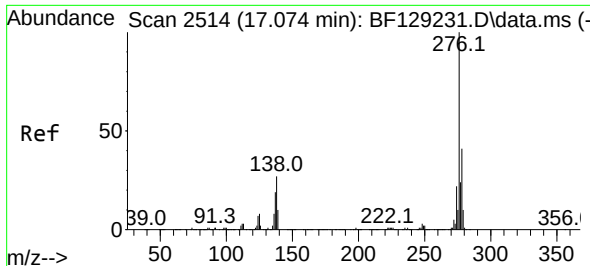
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

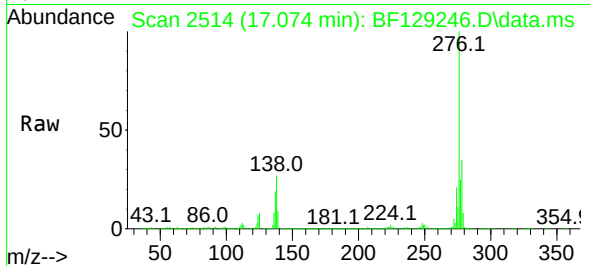
Tgt Ion:264 Resp: 483233
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.556 ng
RT: 17.074 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

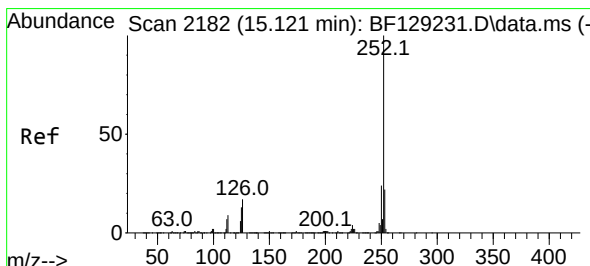
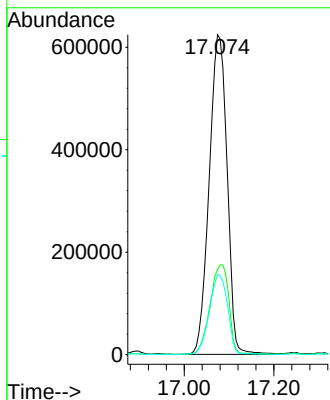
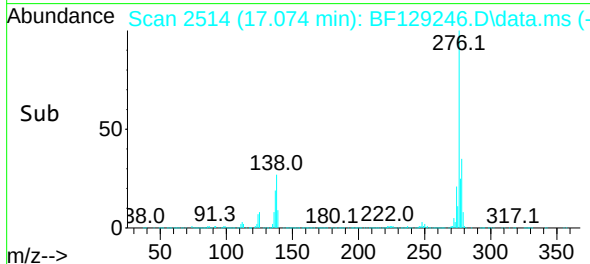
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:276 Resp: 1734302
Ion Ratio Lower Upper
276 100
138 29.5 21.1 31.7
277 25.5 20.3 30.5

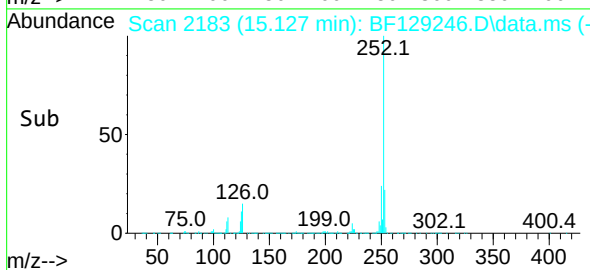
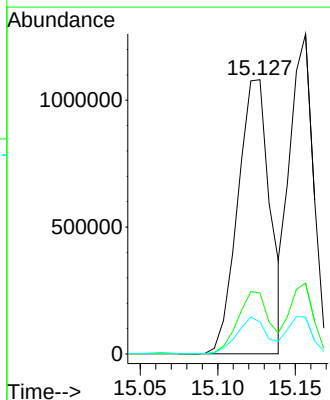
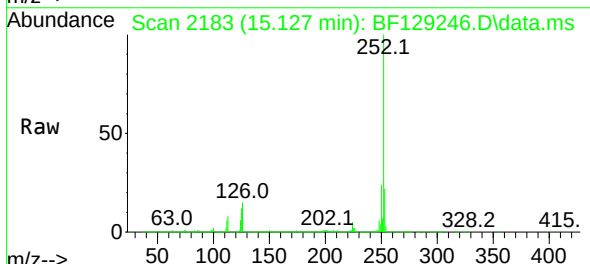
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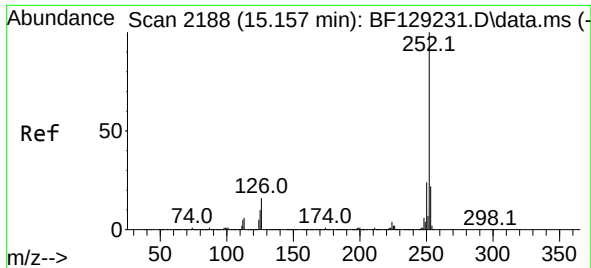
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#88
Benzo(b)fluoranthene
Concen: 52.770 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

Tgt Ion:252 Resp: 1566573
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.001 ng

RT: 15.157 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:252 Resp: 1334209

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

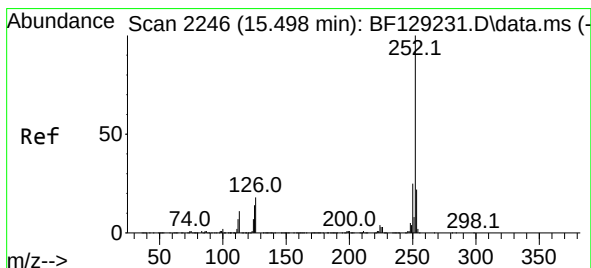
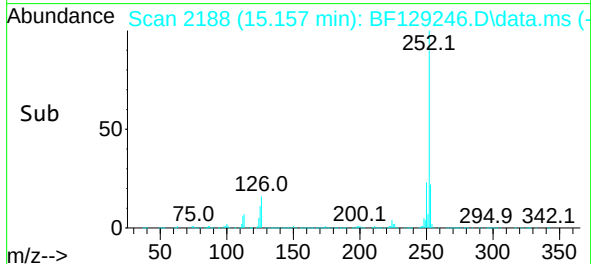
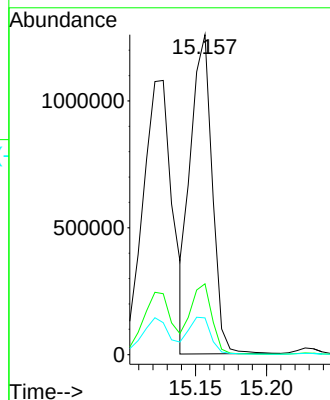
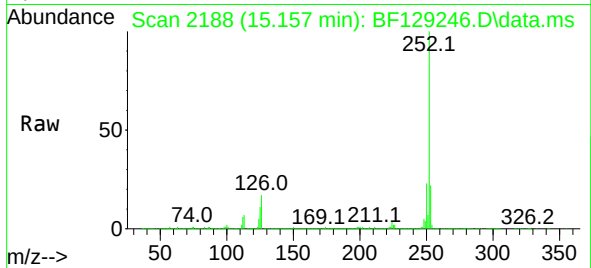
125 11.5 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#90

Benzo(a)pyrene

Concen: 55.875 ng

RT: 15.498 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF129246.D

Acq: 15 Jul 2022 19:21

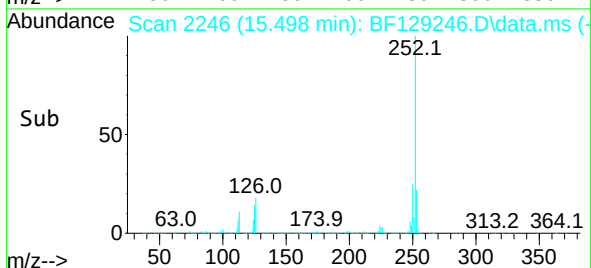
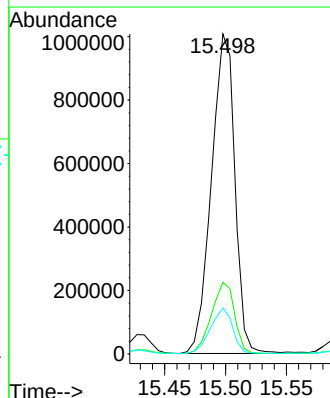
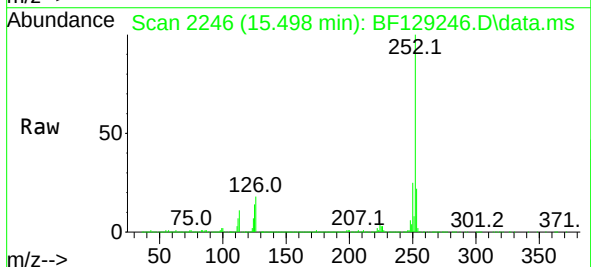
Tgt Ion:252 Resp: 1350370

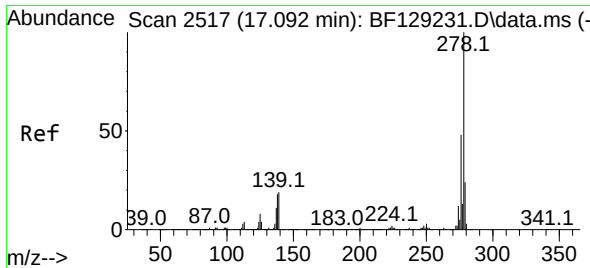
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

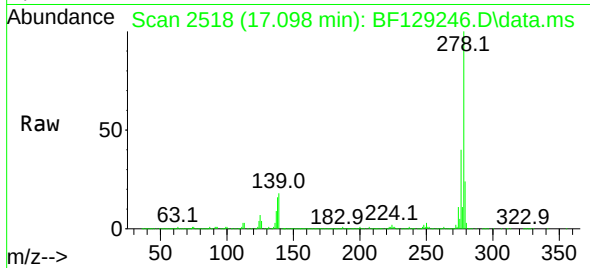
125 14.4 8.8 13.2#





#91
Dibenzo(a,h)anthracene
Concen: 58.760 ng
RT: 17.098 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21

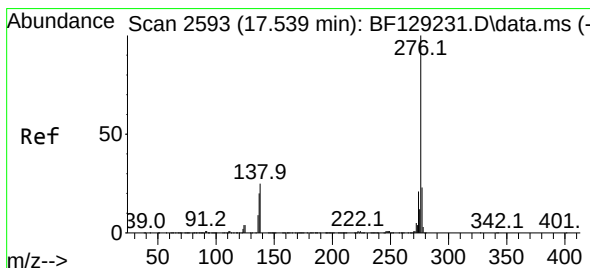
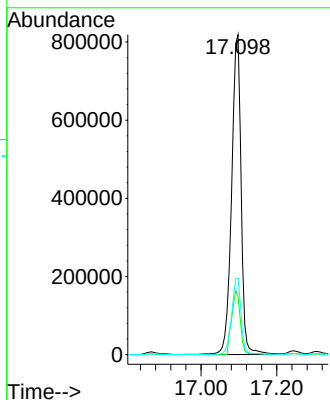
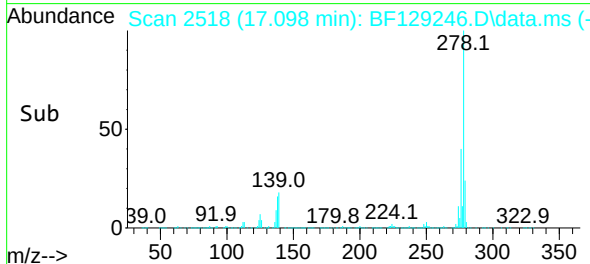
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



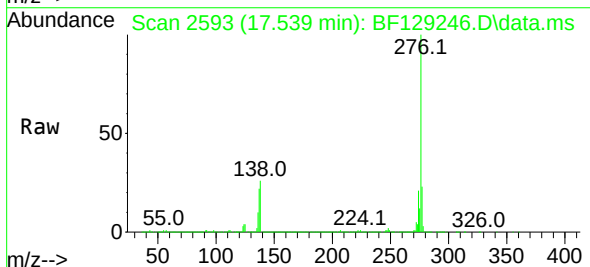
Tgt Ion:278 Resp: 1432184
Ion Ratio Lower Upper
278 100
139 18.3 12.8 19.2
279 23.9 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#92
Benzo(g,h,i)perylene
Concen: 61.826 ng
RT: 17.539 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BF129246.D
Acq: 15 Jul 2022 19:21



Tgt Ion:276 Resp: 1540375
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 26.1 18.0 27.0

