

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129277.D
 Acq On : 18 Jul 2022 20:17
 Operator : CG\JU
 Sample : N3747-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-071522MSD

Quant Time: Jul 19 02:09:58 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/19/2022
 Supervised By : Jagrut Upadhyay 07/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	205547	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	704054	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	317459	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	543114	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	497813	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	378244	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	259157	20.136	ng	0.00
7) Phenol-d6	6.522	99	296988	17.841	ng	0.00
23) Nitrobenzene-d5	7.457	82	168953	12.828	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	55297	18.767	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	297245	15.863	ng	0.00
79) Terphenyl-d14	13.010	244	341809	12.845	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	39733	6.776	ng	91
3) Pyridine	3.516	79	109369	7.253	ng	92
4) n-Nitrosodimethylamine	3.410	42	57366	8.054	ng	85
6) Aniline	6.563	93	121417	6.209	ng	97
8) 2-Chlorophenol	6.681	128	118068	8.712	ng	98
9) Benzaldehyde	6.451	77	63941	6.259	ng	96
10) Phenol	6.534	94	138952m	8.310	ng	
11) bis(2-Chloroethyl)ether	6.628	93	118691	8.752	ng	94
12) 1,3-Dichlorobenzene	6.839	146	126663	8.789	ng	98
13) 1,4-Dichlorobenzene	6.916	146	129304	8.871	ng	99
14) 1,2-Dichlorobenzene	7.069	146	122054	8.983	ng	98
15) Benzyl Alcohol	7.034	79	89602	8.083	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	180527	8.354	ng	94
17) 2-Methylphenol	7.145	107	91226	8.008	ng	96
18) Hexachloroethane	7.410	117	42957	7.887	ng	# 87
19) n-Nitroso-di-n-propyla...	7.298	70	81137	8.287	ng	97
20) 3+4-Methylphenols	7.298	107	111108	7.936	ng	# 86
22) Acetophenone	7.304	105	163960	10.091	ng	99
24) Nitrobenzene	7.475	77	116430	9.293	ng	98
25) Isophorone	7.716	82	208741	9.430	ng	99
26) 2-Nitrophenol	7.798	139	50076	7.957	ng	92
27) 2,4-Dimethylphenol	7.828	122	95464m	9.755	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	133841	9.077	ng	99
29) 2,4-Dichlorophenol	8.039	162	79606	8.182	ng	95
30) 1,2,4-Trichlorobenzene	8.122	180	87383	8.656	ng	98
31) Naphthalene	8.204	128	314864	9.439	ng	99
32) Benzoic acid	7.886	122	43768m	5.758	ng	
33) 4-Chloroaniline	8.251	127	91373	6.605	ng	97
34) Hexachlorobutadiene	8.316	225	51714	9.105	ng	99
35) Caprolactam	8.592	113	24283	7.514	ng	# 83
36) 4-Chloro-3-methylphenol	8.728	107	78049	7.354	ng	92
37) 2-Methylnaphthalene	8.898	142	192897	8.872	ng	99
38) 1-Methylnaphthalene	8.992	142	177268	8.431	ng	97
40) 1,2,4,5-Tetrachloroben...	9.063	216	77937	9.874	ng	99
41) Hexachlorocyclopentadiene	9.045	237	13144	3.309	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	49087	8.446	ng	96

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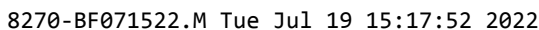
Reviewed By : Christian Giraldo 07/19/2022
 Supervised By : Jagrut Upadhyay 07/19/2022

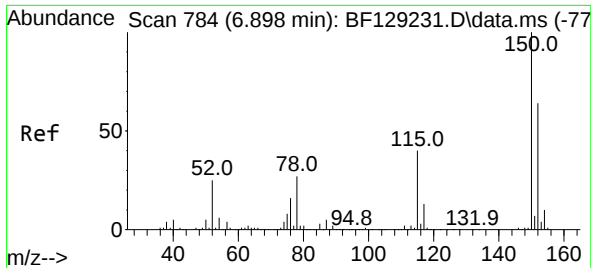
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	50564	8.225	ng	# 92
46) 1,1'-Biphenyl	9.357	154	222950	9.929	ng	98
47) 2-Chloronaphthalene	9.386	162	171834	9.716	ng	95
48) 2-Nitroaniline	9.480	65	49984	8.412	ng	87
49) Acenaphthylene	9.804	152	268844	10.100	ng	99
50) Dimethylphthalate	9.651	163	195286	9.480	ng	98
51) 2,6-Dinitrotoluene	9.716	165	38070	8.540	ng	92
52) Acenaphthene	9.975	154	153410	8.817	ng	99
53) 3-Nitroaniline	9.886	138	42401	7.965	ng	93
55) Dibenzofuran	10.145	168	229064	9.274	ng	99
56) 4-Nitrophenol	10.045	139	65812	15.620	ng	96
57) 2,4-Dinitrotoluene	10.122	165	46830	8.011	ng	97
58) Fluorene	10.486	166	189696	10.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	38488m	8.104	ng	
60) Diethylphthalate	10.351	149	189205	9.497	ng	97
61) 4-Chlorophenyl-phenyle...	10.480	204	82935	9.530	ng	99
62) 4-Nitroaniline	10.498	138	44092	8.366	ng	91
63) Azobenzene	10.639	77	179004	8.417	ng	94
66) n-Nitrosodiphenylamine	10.592	169	158869	9.168	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	49532	8.664	ng	92
68) Hexachlorobenzene	11.039	284	53613	8.934	ng	96
69) Atrazine	11.116	200	50294	10.469	ng	94
70) Pentachlorophenol	11.233	266	54799	15.356	ng	98
71) Phenanthrene	11.451	178	335191	12.156	ng	97
72) Anthracene	11.504	178	293115	10.701	ng	98
73) Carbazole	11.657	167	261599	9.575	ng	98
74) Di-n-butylphthalate	11.980	149	311448	9.919	ng	98
75) Fluoranthene	12.645	202	465987	16.968	ng	98
77) Benzidine	12.768	184	85242	6.117	ng	98
78) Pyrene	12.874	202	470780	11.676	ng	98
80) Butylbenzylphthalate	13.486	149	148292	8.257	ng	95
81) Benzo(a)anthracene	14.063	228	350070	11.149	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	88701	11.292	ng	# 97
83) Chrysene	14.104	228	347711	11.601	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	215325	9.010	ng	99
85) Di-n-octyl phthalate	14.657	149	358638	10.463	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	207964	8.817	ng	98
88) Benzo(b)fluoranthene	15.127	252	324174	13.951	ng	# 96
89) Benzo(k)fluoranthene	15.157	252	241082	10.619	ng	98
90) Benzo(a)pyrene	15.509	252	234593	12.401	ng	# 97
91) Dibenzo(a,h)anthracene	17.098	278	161915	8.487	ng	97
92) Benzo(g,h,i)perylene	17.545	276	181201	9.292	ng	97

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

Manual Integrations

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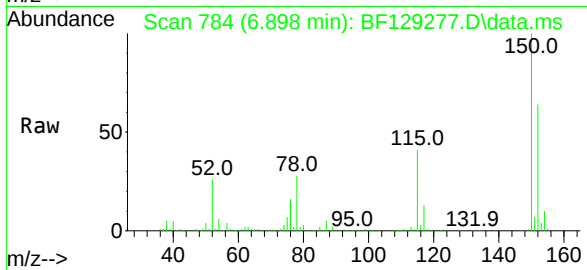
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129277.D
 Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

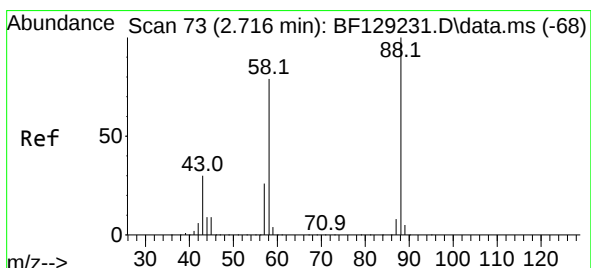
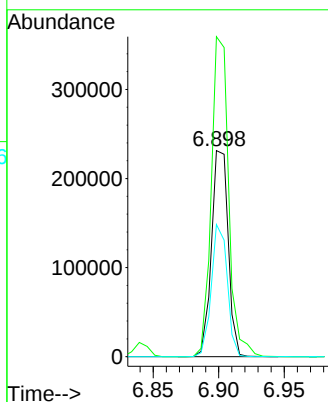
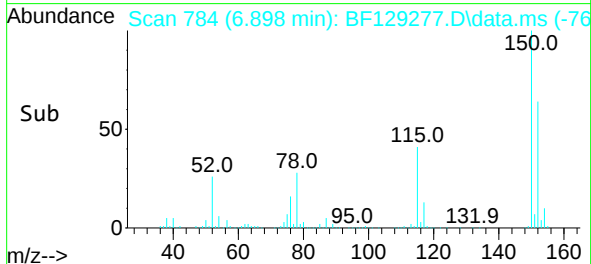


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 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 64.2 49.9 74.9

Manual Integrations

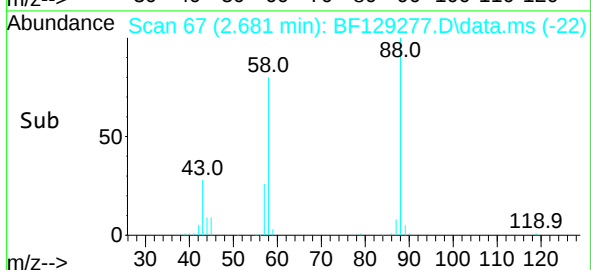
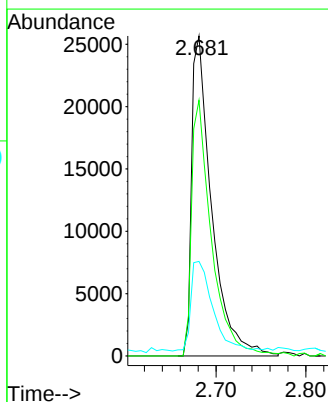
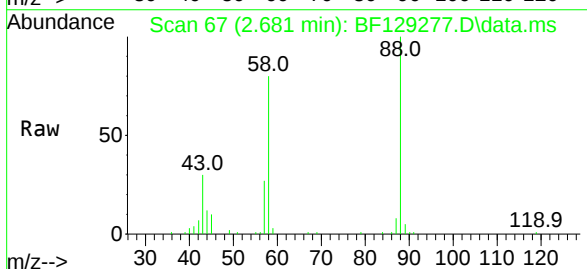
APPROVED

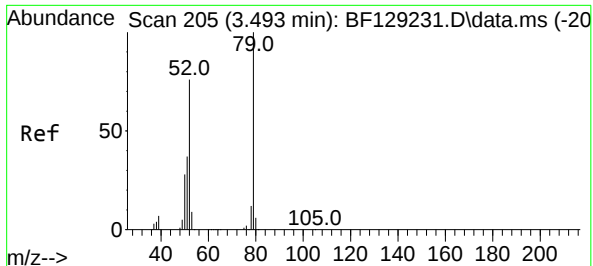
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022



#2
 1,4-Dioxane
 Concen: 6.776 ng
 RT: 2.681 min Scan# 67
 Delta R.T. -0.035 min
 Lab File: BF129277.D
 Acq: 18 Jul 2022 20:17

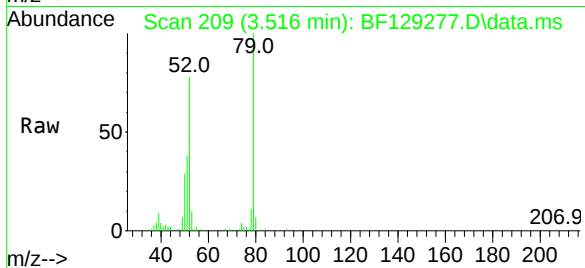
Tgt Ion: 88 Resp: 39733
 Ion Ratio Lower Upper
 88 100
 58 79.6 71.8 107.8
 43 31.7 26.6 39.8





#3
Pyridine
Concen: 7.253 ng
RT: 3.516 min Scan# 205
Delta R.T. 0.023 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

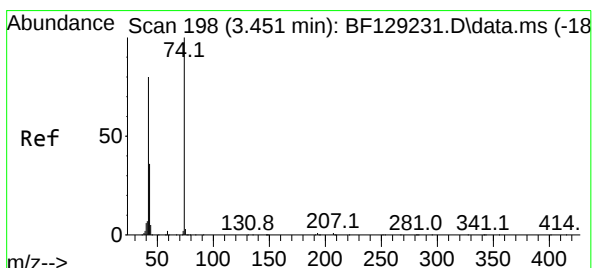
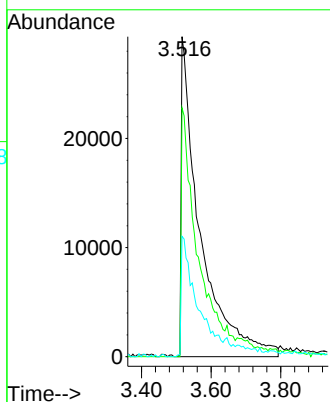
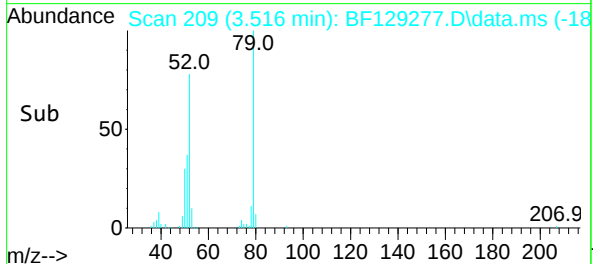
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BNA_F
ClientSampleId :
OK-01-071522MSD



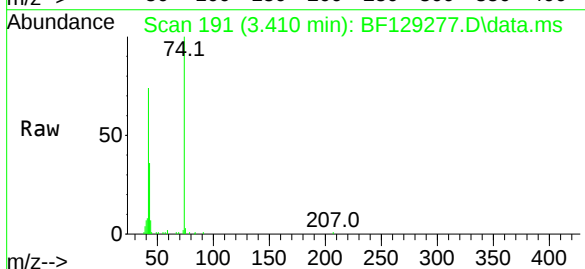
Tgt Ion: 79 Resp: 109369
Ion Ratio Lower Upper
79 100
52 77.8 68.6 102.8
51 37.6 32.9 49.3

Manual Integrations
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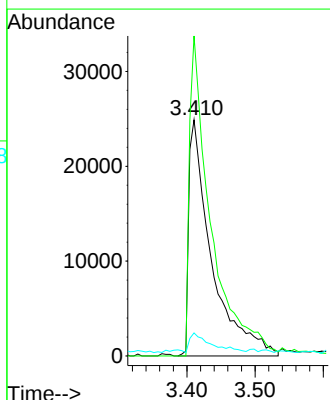
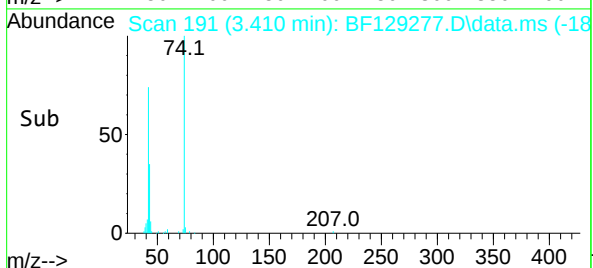
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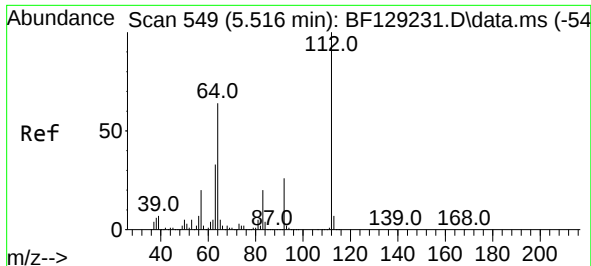


#4
n-Nitrosodimethylamine
Concen: 8.054 ng
RT: 3.410 min Scan# 191
Delta R.T. -0.041 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



Tgt Ion: 42 Resp: 57366
Ion Ratio Lower Upper
42 100
74 135.5 94.8 142.2
44 9.8 6.6 10.0





#5
2-Fluorophenol
Concen: 20.136 ng
RT: 5.516 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

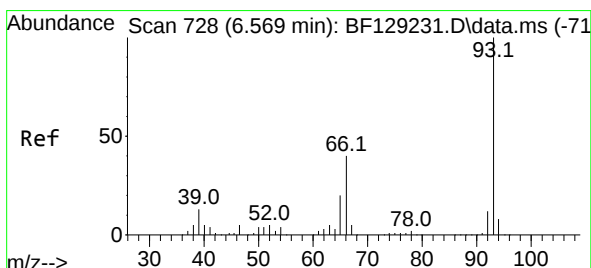
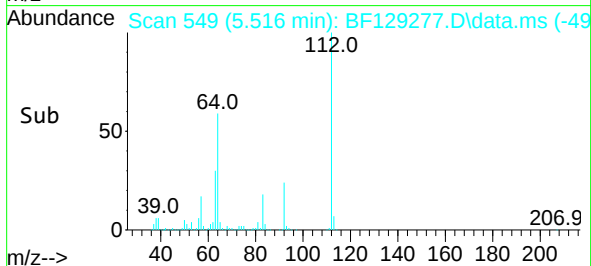
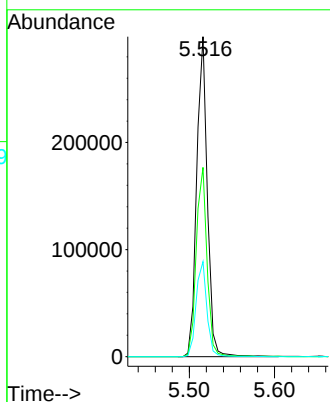
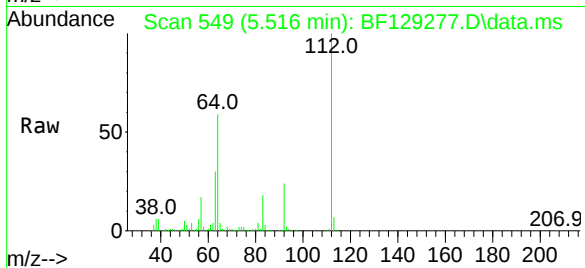
OK-01-071522MSD

Tgt Ion:112 Resp: 25915
Ion Ratio Lower Upper
112 100
64 59.1 53.3 79.9
63 29.7 28.0 42.0

Manual Integrations

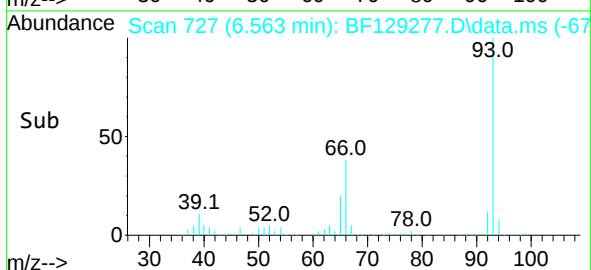
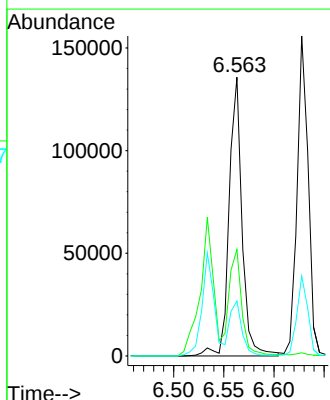
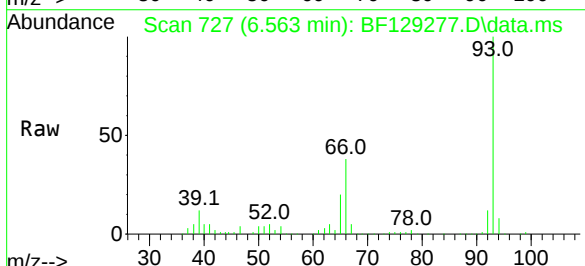
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Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#6
Aniline
Concen: 6.209 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

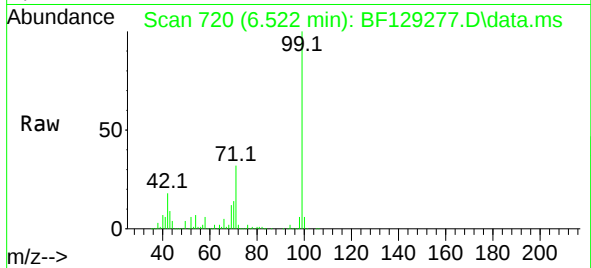
Tgt Ion: 93 Resp: 121417
Ion Ratio Lower Upper
93 100
66 38.2 32.5 48.7
65 19.7 16.4 24.6





#7
Phenol-d6
Concen: 17.841 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

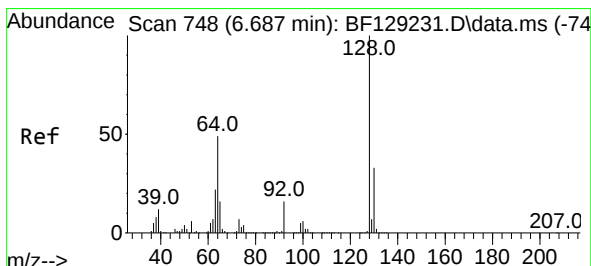
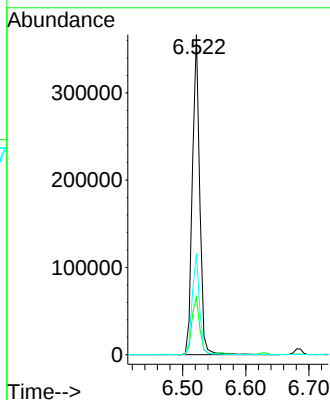
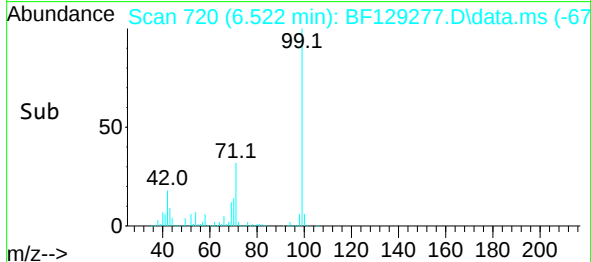
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Tgt Ion: 99 Resp: 29698
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 31.6 28.9 43.3

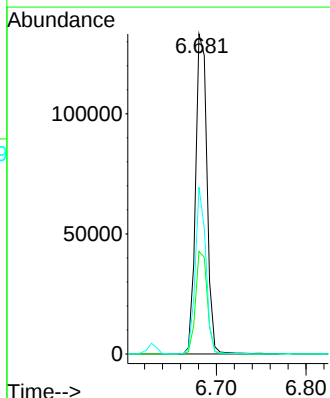
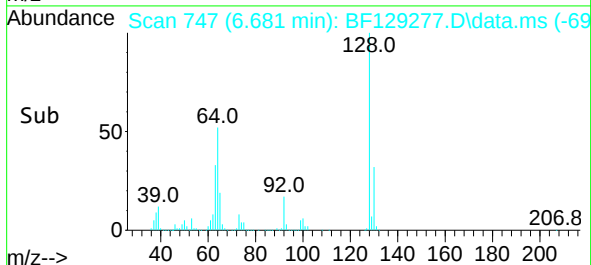
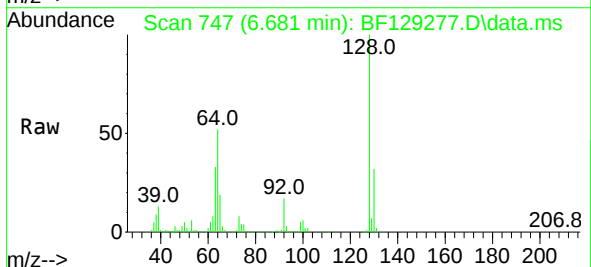
Manual Integrations
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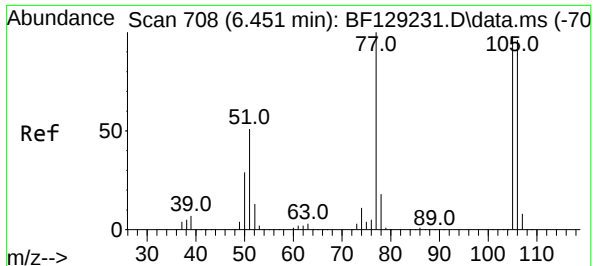
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#8
2-Chlorophenol
Concen: 8.712 ng
RT: 6.681 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

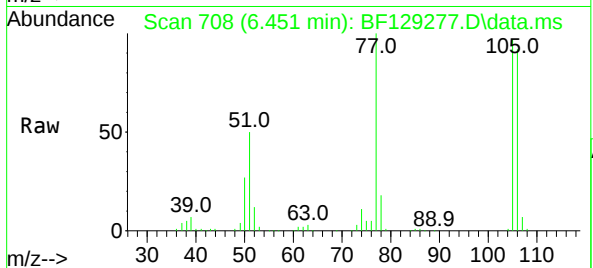
Tgt Ion:128 Resp: 118068
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 52.1 30.9 70.9





#9
Benzaldehyde
Concen: 6.259 ng
RT: 6.451 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

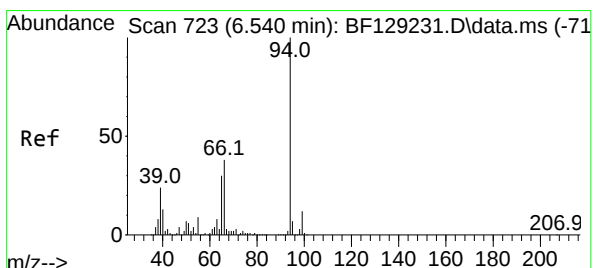
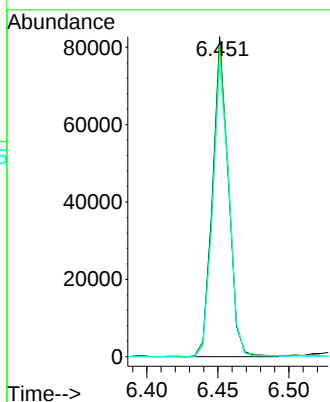
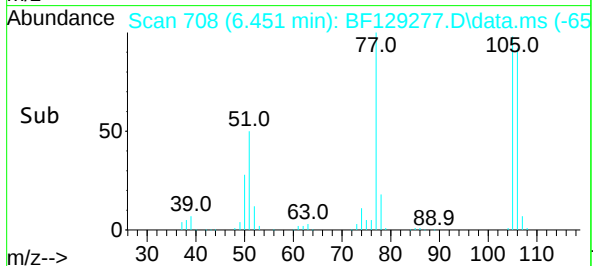
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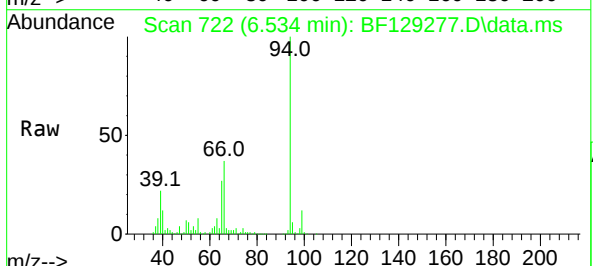
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Ion Ratio Lower Upper
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105 97.4 81.6 121.6
106 91.5 76.1 116.1

Manual Integrations
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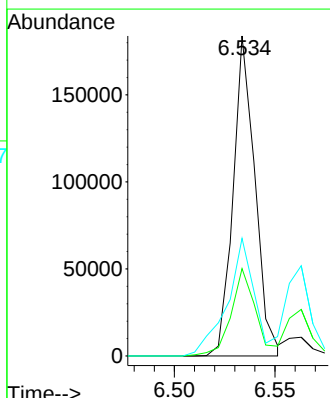
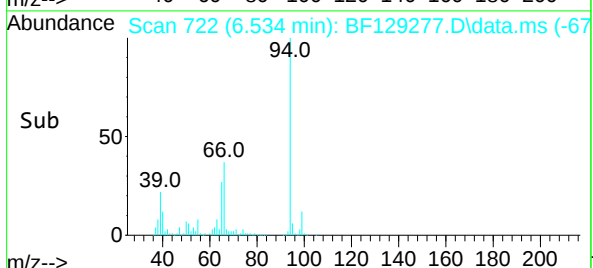
Reviewed By :Christian Giraldo 07/19/2022
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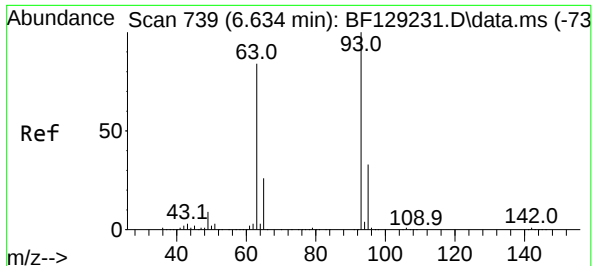


#10
Phenol
Concen: 8.310 ng m
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



Tgt Ion: 94 Resp: 138952
Ion Ratio Lower Upper
94 100
65 27.3 11.4 51.4
66 36.7 21.4 61.4





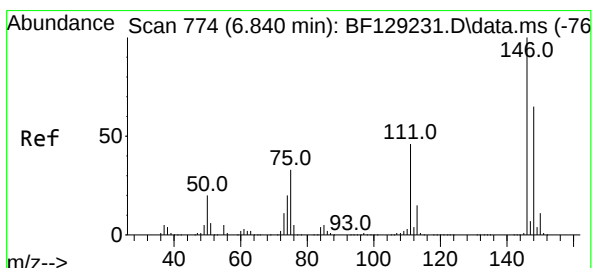
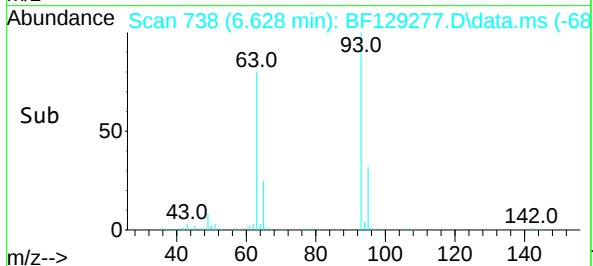
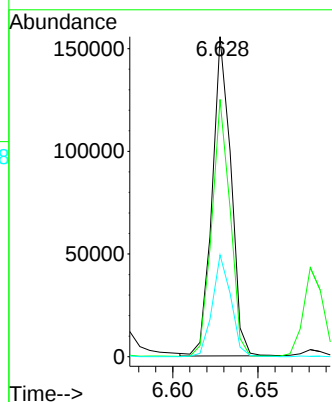
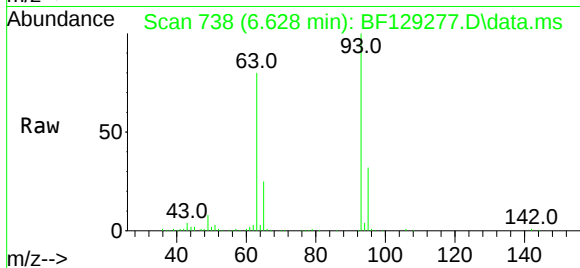
#11
bis(2-Chloroethyl)ether
Concen: 8.752 ng
RT: 6.628 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD

Tgt Ion: 93 Resp: 11869
Ion Ratio Lower Upper
93 100
63 80.4 67.4 107.4
95 31.8 12.7 52.7

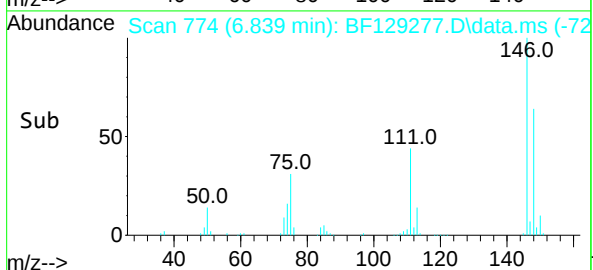
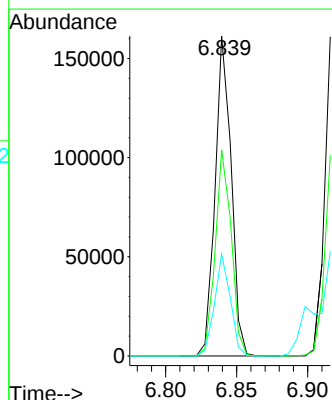
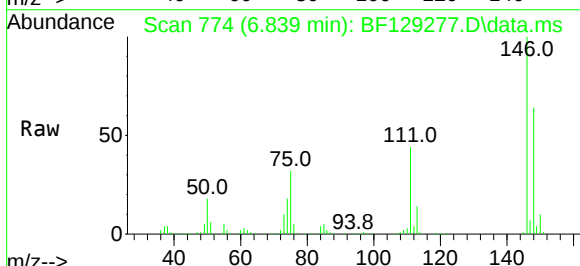
Manual Integrations
APPROVED

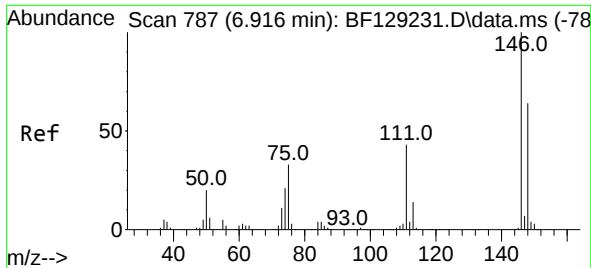
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#12
1,3-Dichlorobenzene
Concen: 8.789 ng
RT: 6.839 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

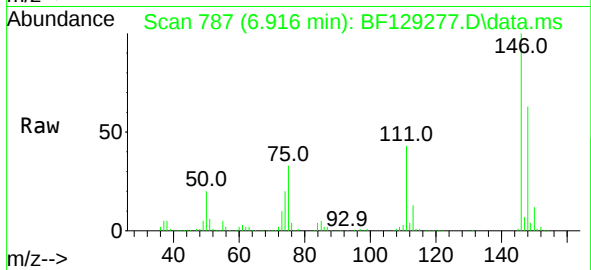
Tgt Ion:146 Resp: 126663
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 31.8 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 8.871 ng
RT: 6.916 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

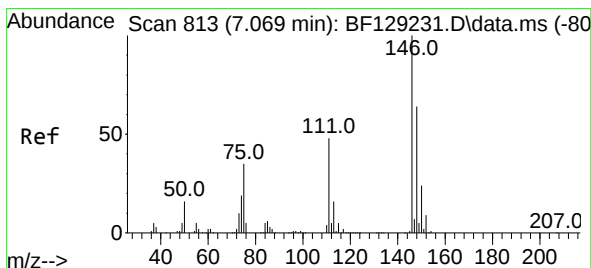
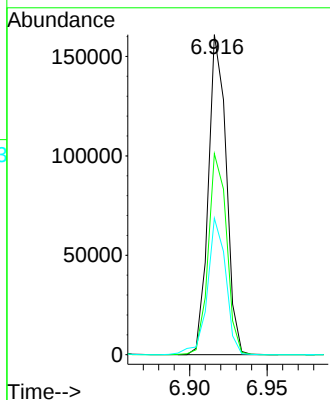
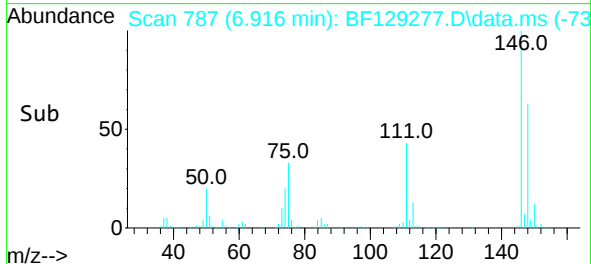
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



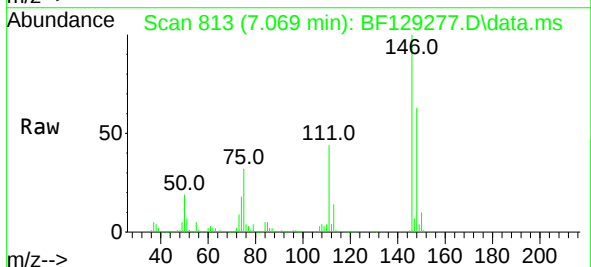
Tgt Ion:146 Resp: 129304
Ion Ratio Lower Upper
146 100
148 62.8 51.1 76.7
111 42.7 34.2 51.4

Manual Integrations
APPROVED

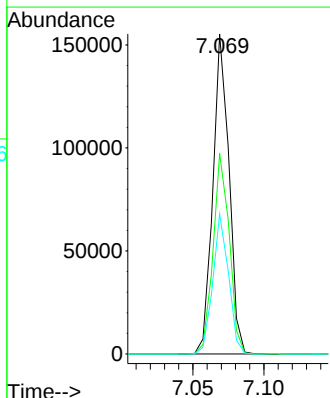
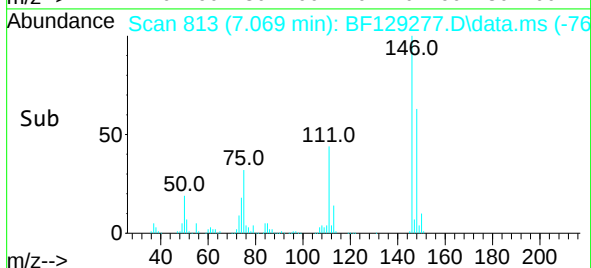
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

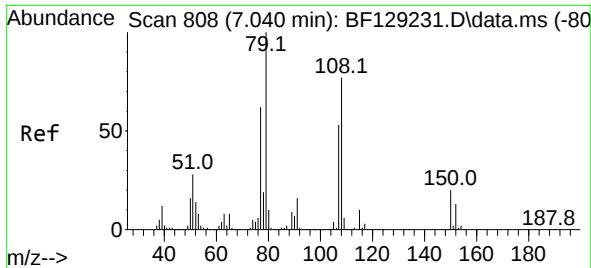


#14
1,2-Dichlorobenzene
Concen: 8.983 ng
RT: 7.069 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



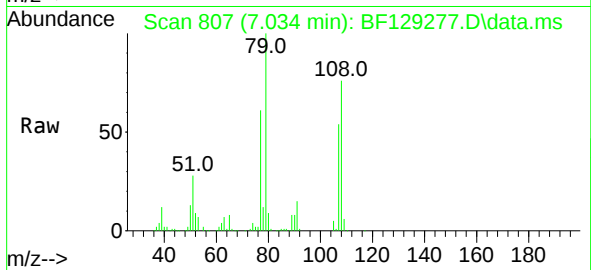
Tgt Ion:146 Resp: 122054
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
111 43.7 35.1 52.7





#15
Benzyl Alcohol
Concen: 8.083 ng
RT: 7.034 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

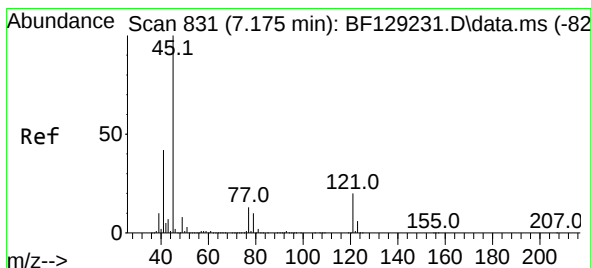
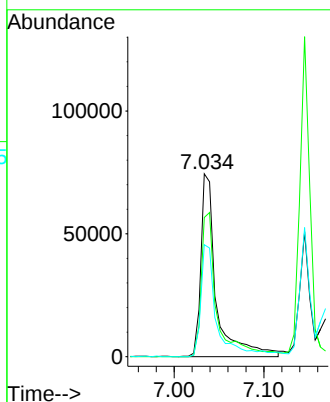
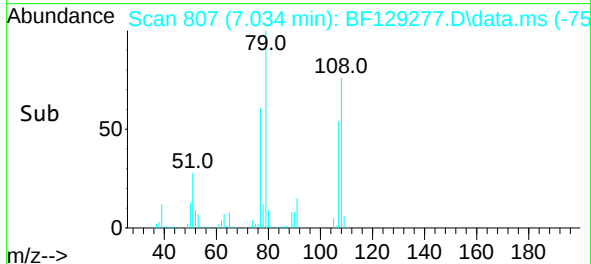
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



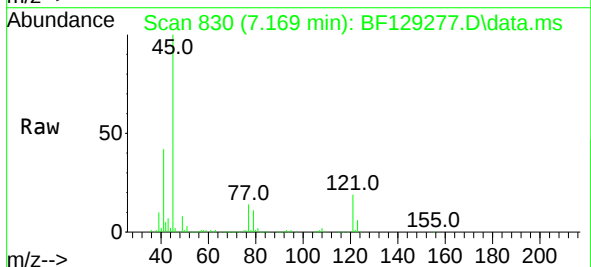
Tgt Ion: 79 Resp: 89602
Ion Ratio Lower Upper
79 100
108 76.1 61.8 92.6
77 61.2 50.2 75.4

Manual Integrations
APPROVED

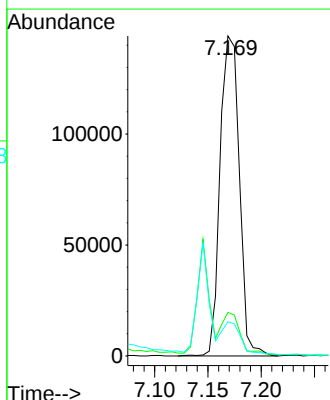
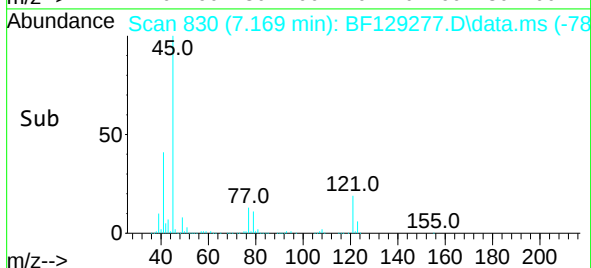
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

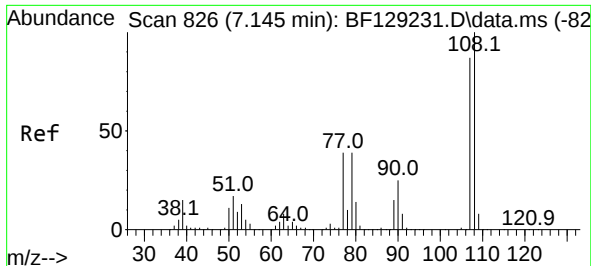


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.354 ng
RT: 7.169 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



Tgt Ion: 45 Resp: 180527
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.3
79 10.7 0.0 28.3





#17
2-Methylphenol
Concen: 8.008 ng
RT: 7.145 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

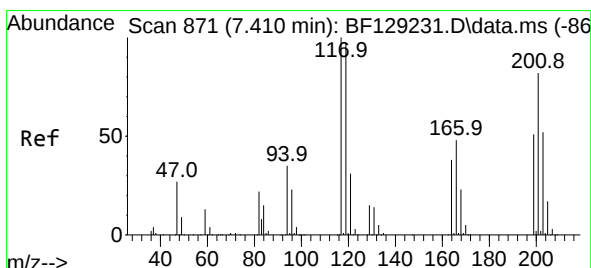
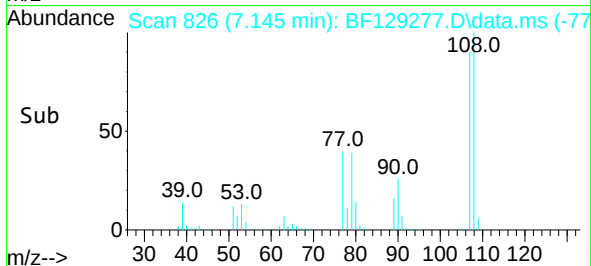
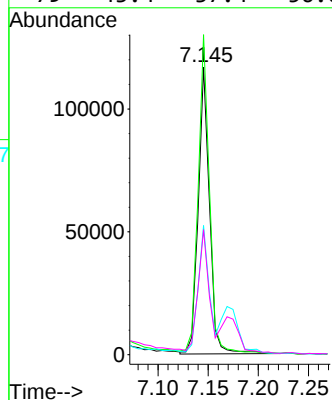
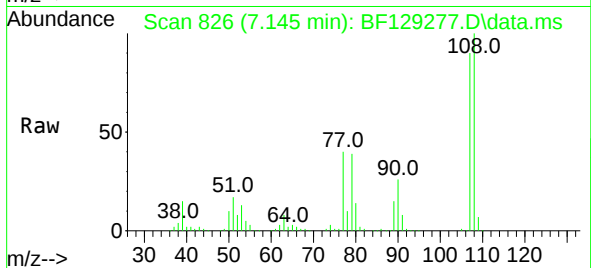
OK-01-071522MSD

Tgt Ion:107 Resp: 91220
Ion Ratio Lower Upper
107 100
108 111.2 91.9 137.9
77 44.9 37.8 56.8
79 43.4 37.4 56.0

Manual Integrations

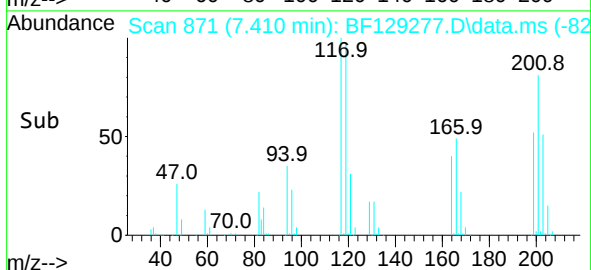
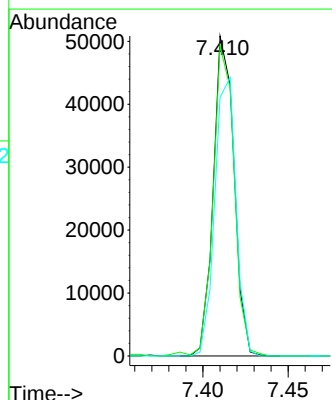
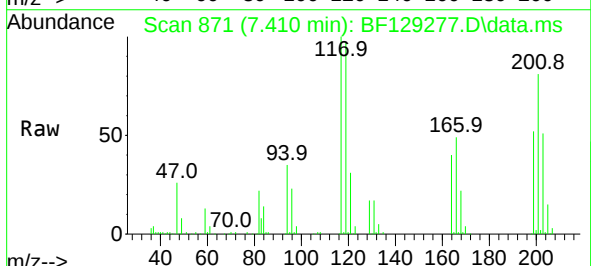
APPROVED

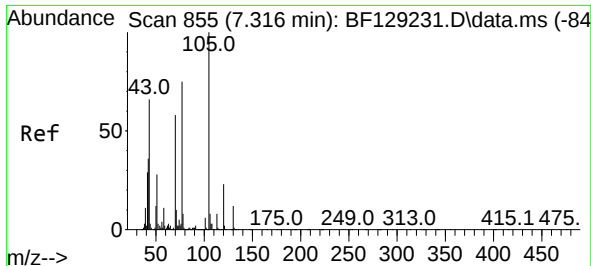
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#18
Hexachloroethane
Concen: 7.887 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

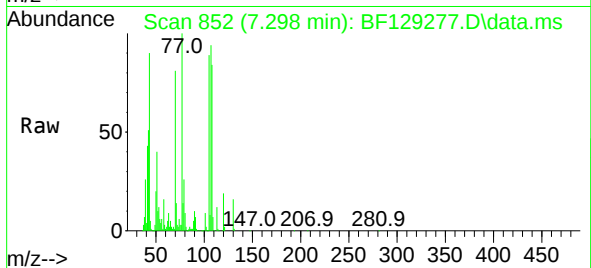
Tgt Ion:117 Resp: 42957
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
201 80.8 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 8.287 ng
RT: 7.298 min Scan# 8113
Delta R.T. -0.018 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

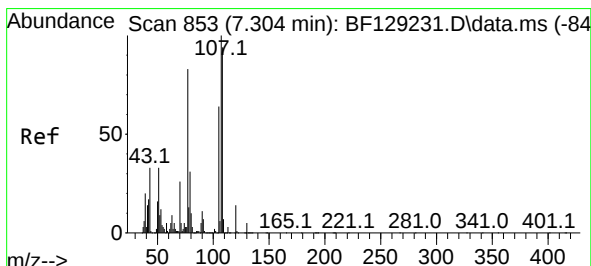
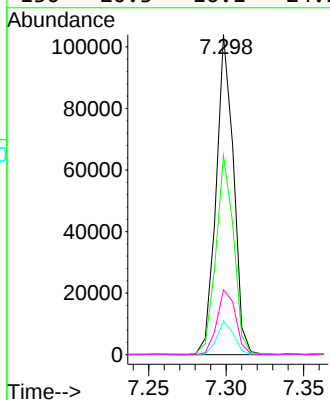
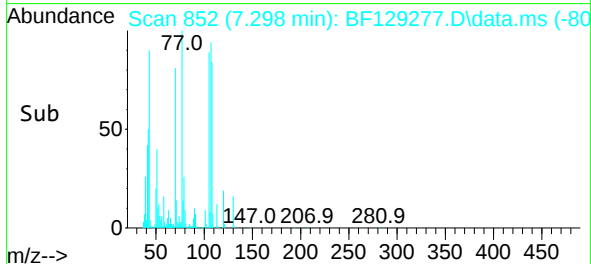
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion: 70 Resp: 8113
Ion Ratio Lower Upper
70 100
42 62.3 52.3 78.5
101 10.5 7.5 11.3
130 20.3 16.1 24.1

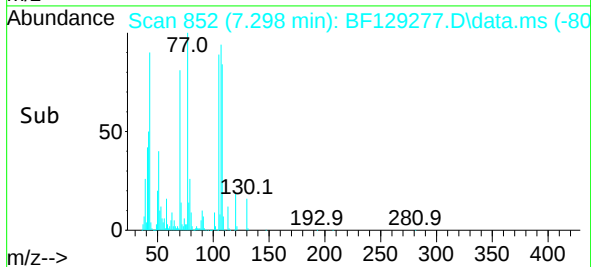
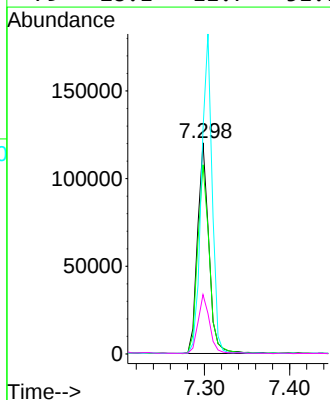
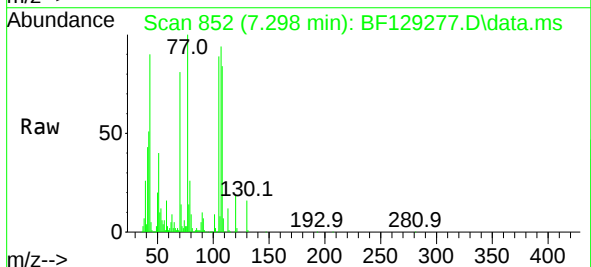
Manual Integrations
APPROVED

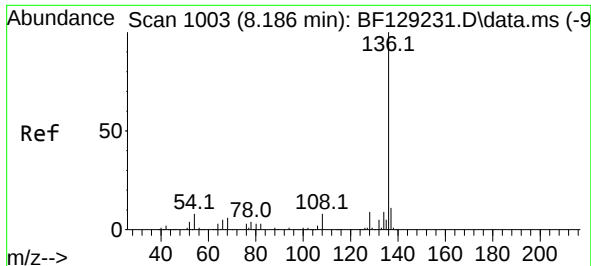
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#20
3+4-Methylphenols
Concen: 7.936 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion:107 Resp: 111108
Ion Ratio Lower Upper
107 100
108 89.6 71.8 111.8
77 106.3 59.3 99.3#
79 28.1 11.7 51.7





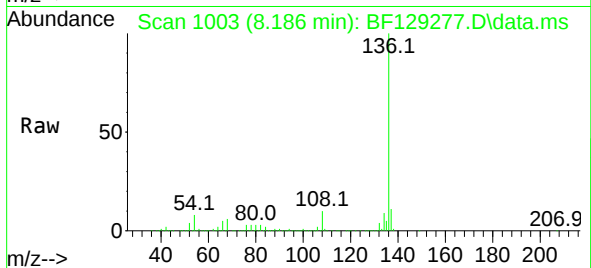
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

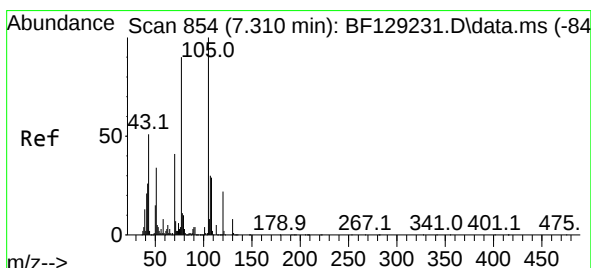
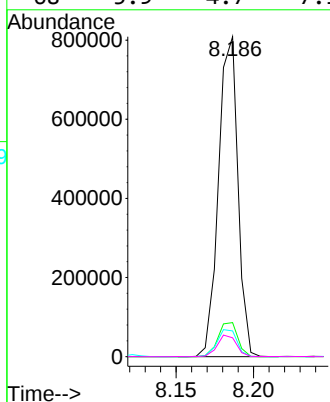
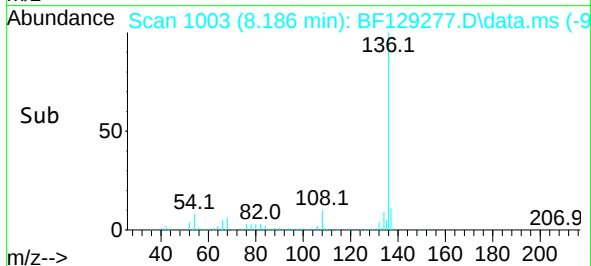


Tgt Ion:136 Resp: 704054
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.0 7.5 11.3
68 5.9 4.7 7.1

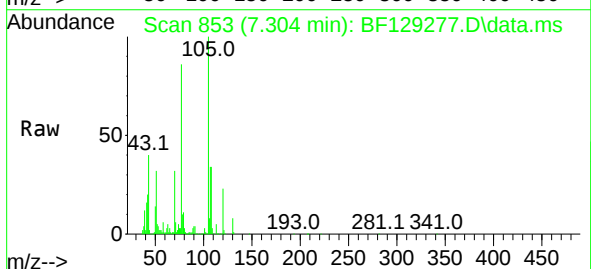
Manual Integrations

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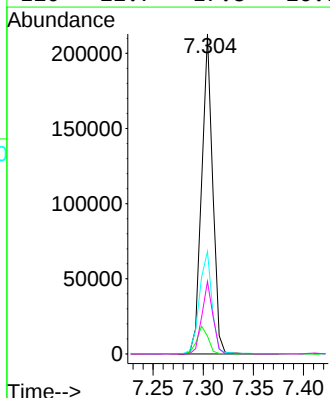
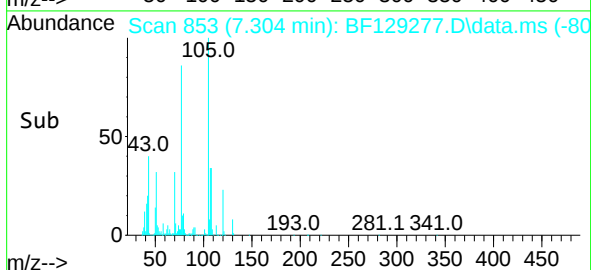
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

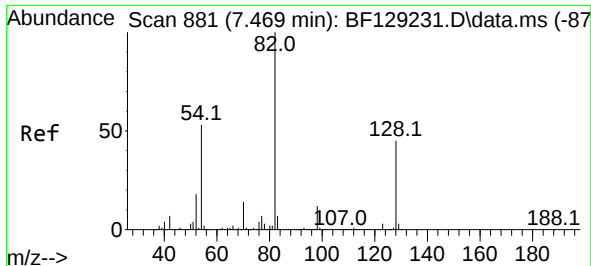


#22
Acetophenone
Concen: 10.091 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



Tgt Ion:105 Resp: 163960
Ion Ratio Lower Upper
105 100
71 5.5 5.0 7.4
51 32.0 25.0 37.4
120 22.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 12.828 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129277.D

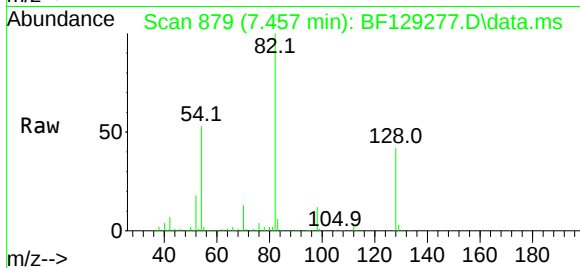
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD



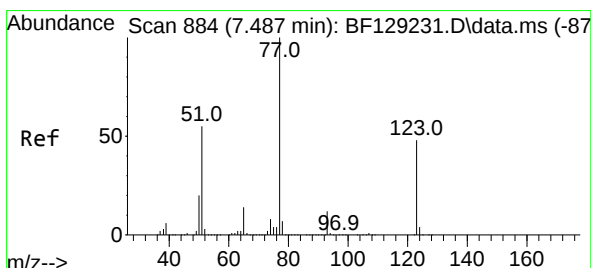
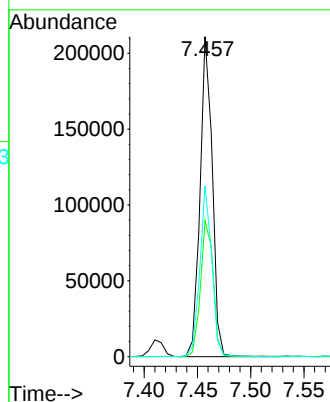
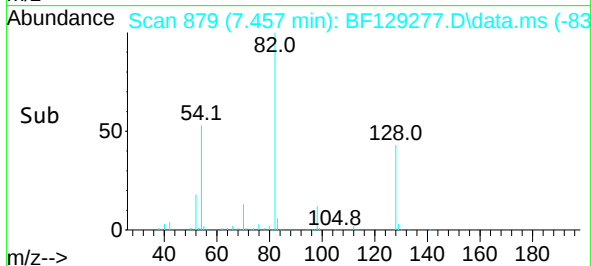
Tgt Ion:	82	Resp:	16895
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	53.4	46.9	70.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#24

Nitrobenzene

Concen: 9.293 ng

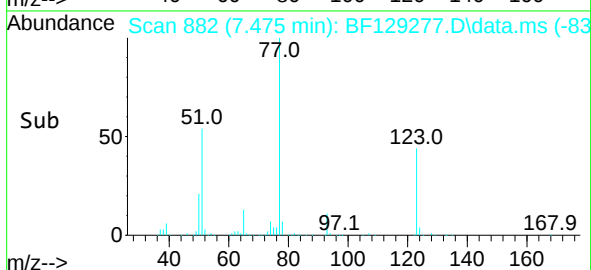
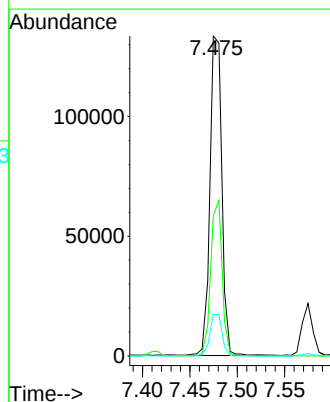
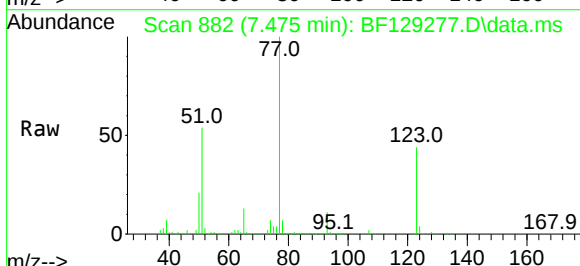
RT: 7.475 min Scan# 882

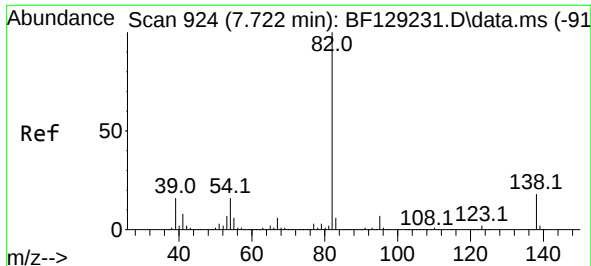
Delta R.T. -0.012 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

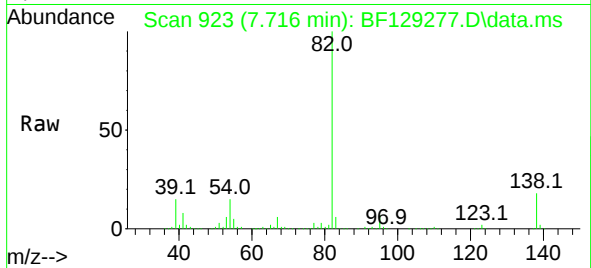
Tgt Ion:	77	Resp:	116430
Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.4	53.2
65	12.9	11.8	17.8





#25
Isophorone
Concen: 9.430 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

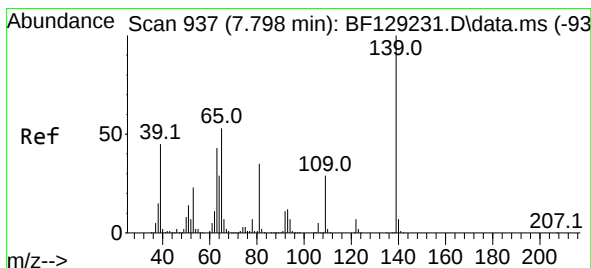
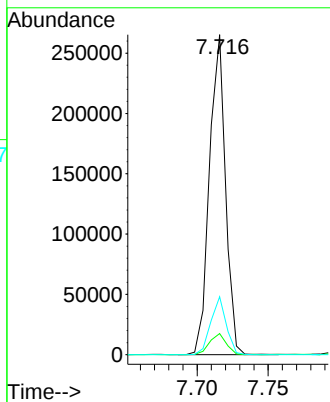
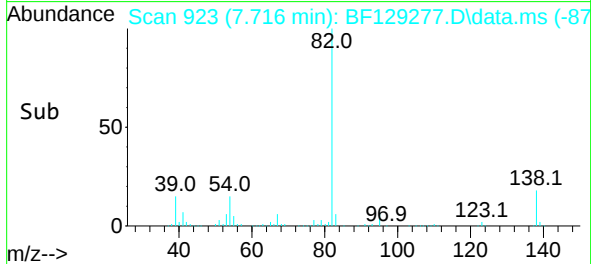
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion: 82 Resp: 20874
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 18.1 14.2 21.2

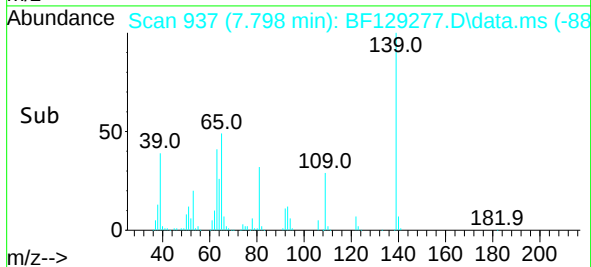
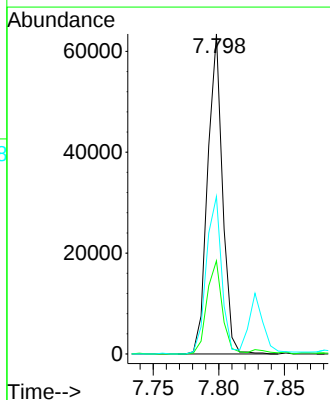
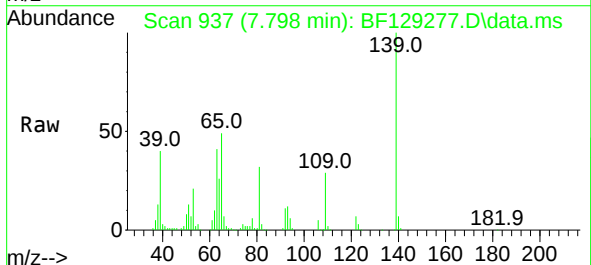
Manual Integrations
APPROVED

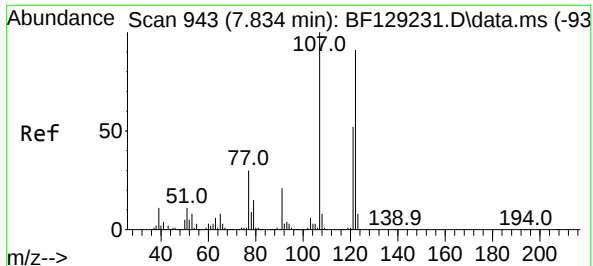
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#26
2-Nitrophenol
Concen: 7.957 ng
RT: 7.798 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

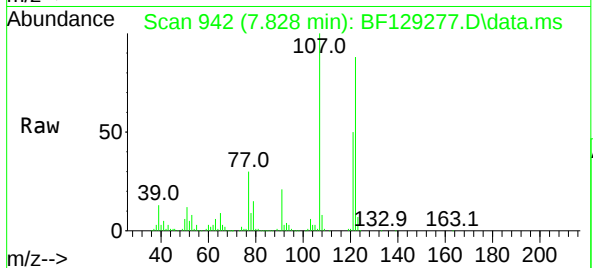
Tgt Ion:139 Resp: 50076
Ion Ratio Lower Upper
139 100
109 29.1 25.0 37.4
65 49.2 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 9.755 ng m
RT: 7.828 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

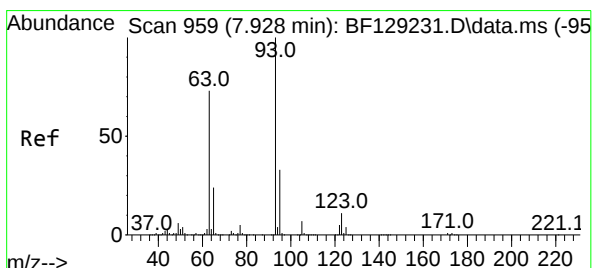
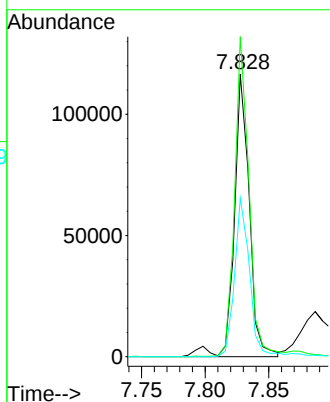
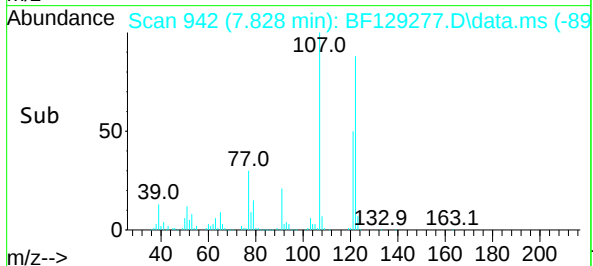
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:122 Resp: 95464
Ion Ratio Lower Upper
122 100
107 113.3 93.0 139.6
121 56.1 46.6 70.0

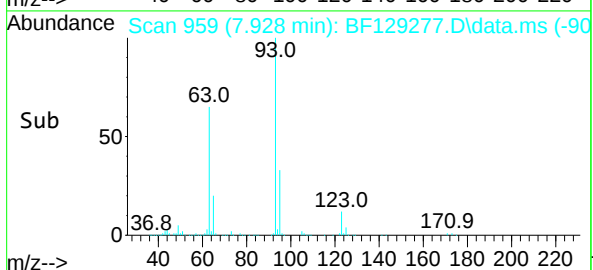
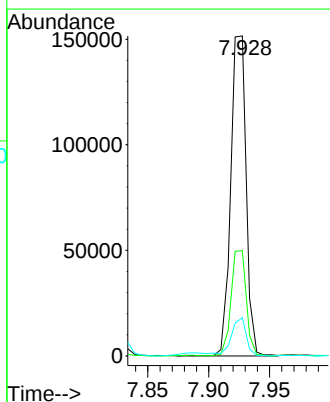
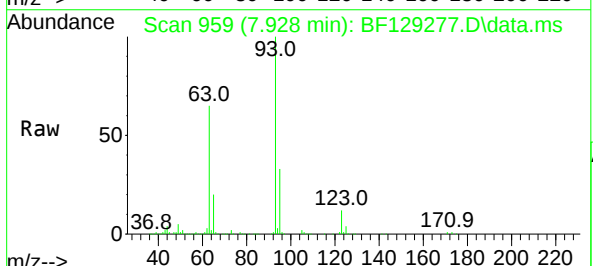
Manual Integrations
APPROVED

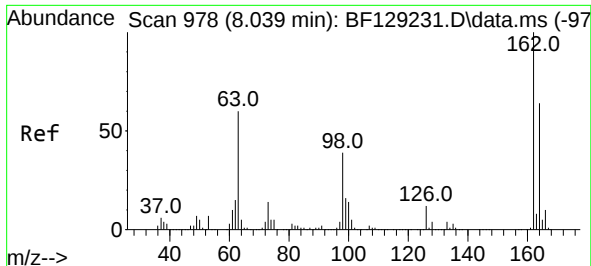
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 9.077 ng
RT: 7.928 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion: 93 Resp: 133841
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 8.182 ng

RT: 8.039 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129277.D

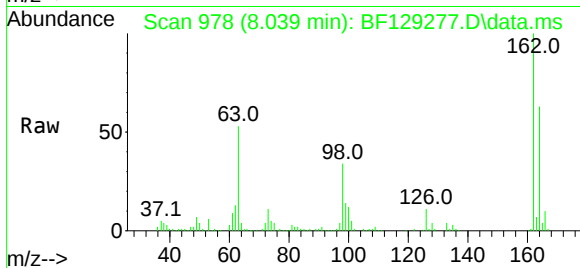
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD



Tgt Ion:162 Resp: 79600

Ion Ratio Lower Upper

162 100

164 62.7 44.2 84.2

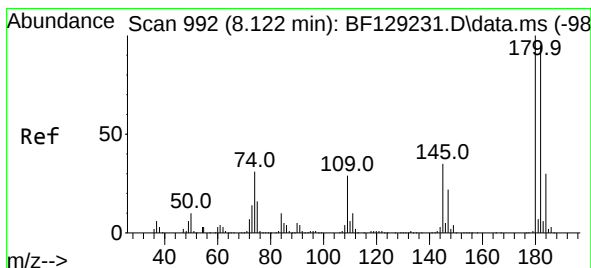
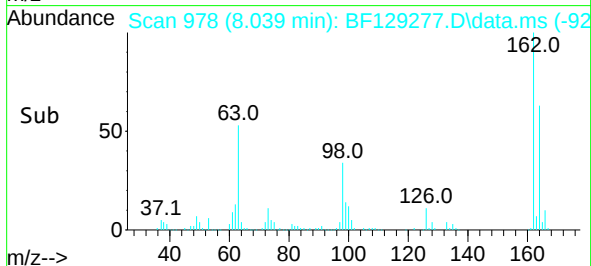
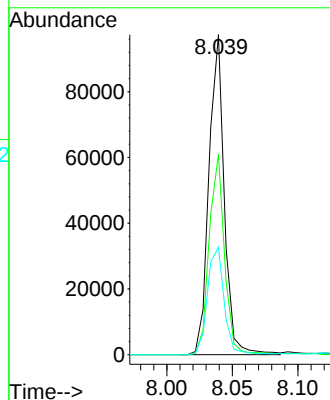
98 33.6 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 8.656 ng

RT: 8.122 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

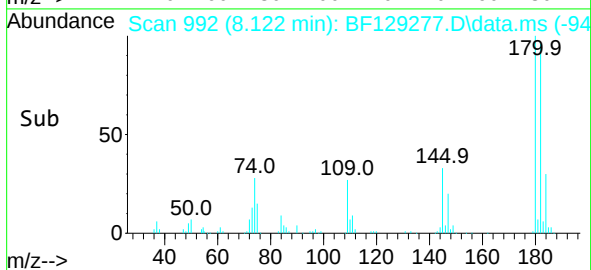
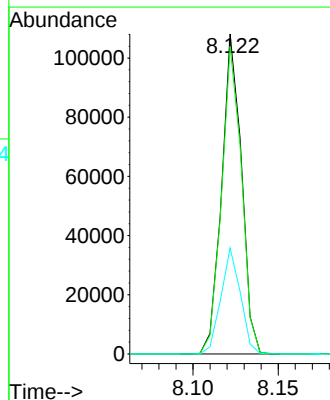
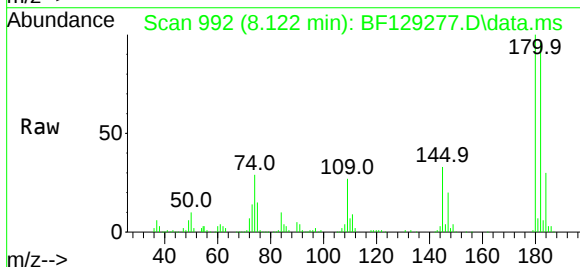
Tgt Ion:180 Resp: 87383

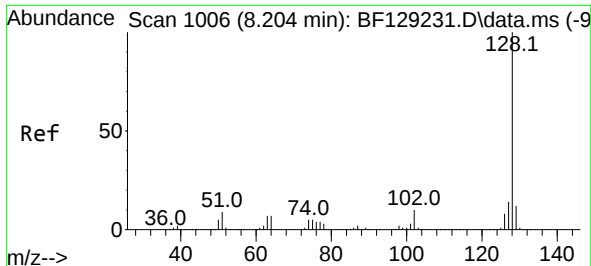
Ion Ratio Lower Upper

180 100

182 96.1 79.2 118.8

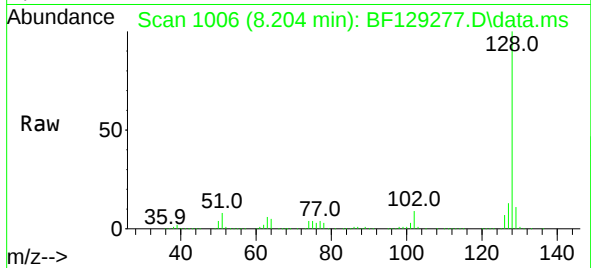
145 33.1 26.2 39.2





#31
Naphthalene
Concen: 9.439 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

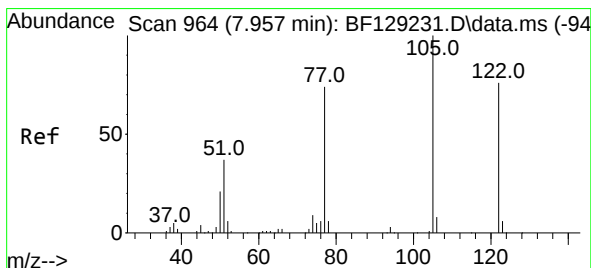
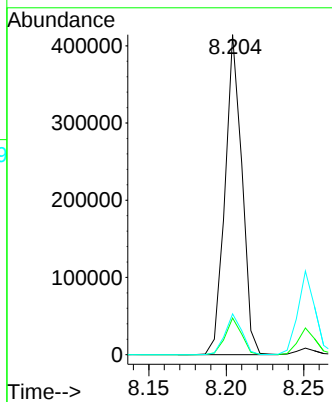
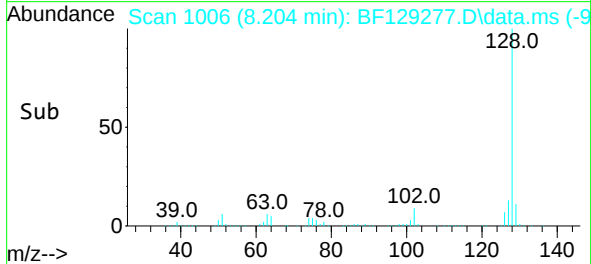
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:128 Resp: 314864
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.8 10.5 15.7

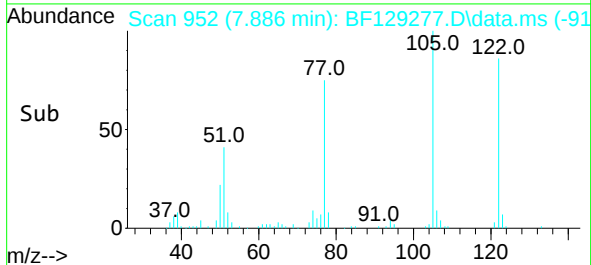
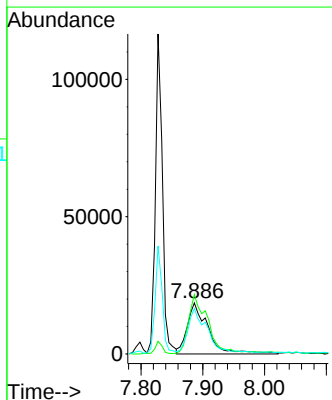
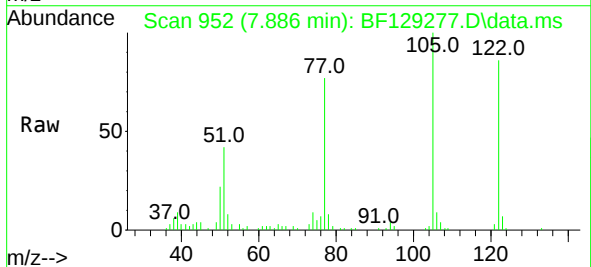
Manual Integrations
APPROVED

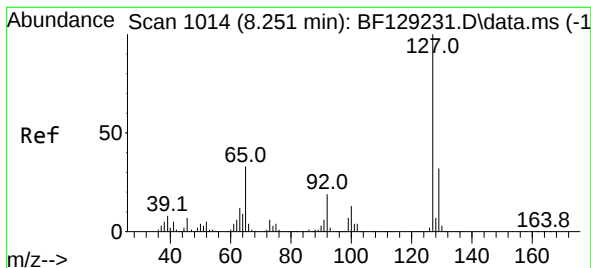
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#32
Benzoic acid
Concen: 5.758 ng m
RT: 7.886 min Scan# 952
Delta R.T. -0.071 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

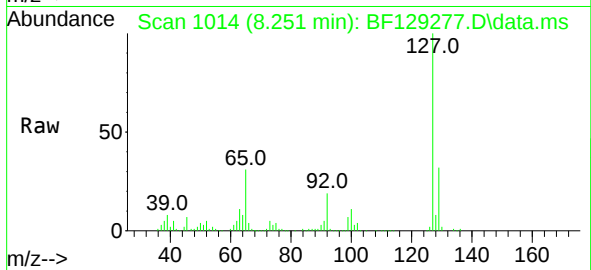
Tgt Ion:122 Resp: 43768
Ion Ratio Lower Upper
122 100
105 116.1 107.1 147.1
77 88.9 74.2 114.2





#33
4-Chloroaniline
Concen: 6.605 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

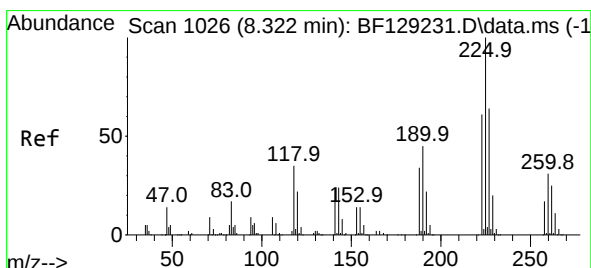
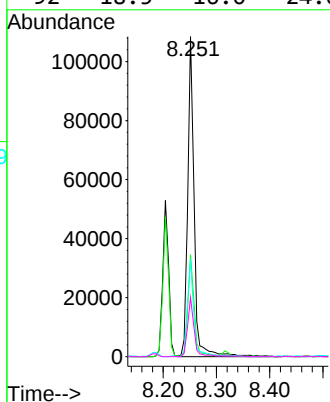
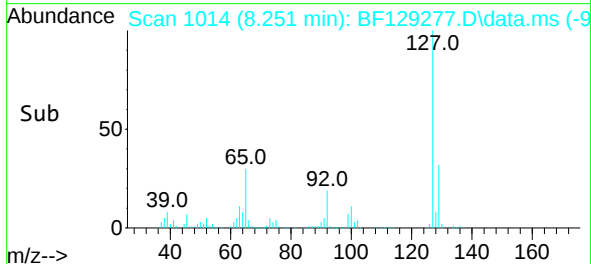
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:127 Resp: 9137
Ion Ratio Lower Upper
127 100
129 31.9 26.4 39.6
65 30.6 26.4 39.6
92 18.5 16.0 24.0

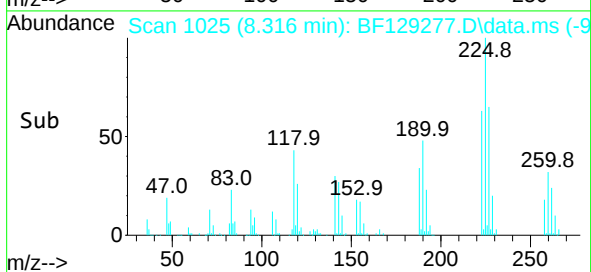
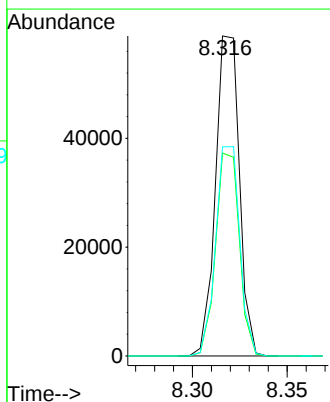
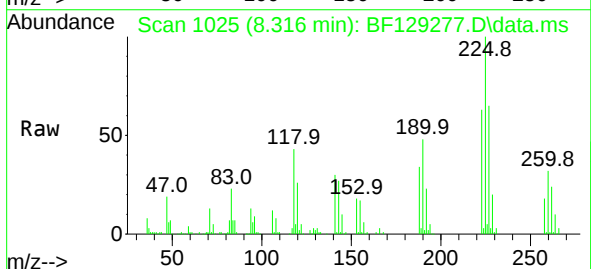
Manual Integrations
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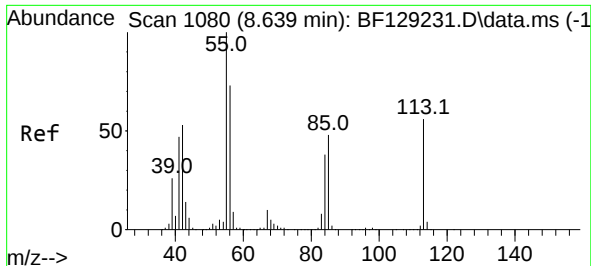
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#34
Hexachlorobutadiene
Concen: 9.105 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion:225 Resp: 51714
Ion Ratio Lower Upper
225 100
223 63.4 51.0 76.6
227 65.4 51.1 76.7





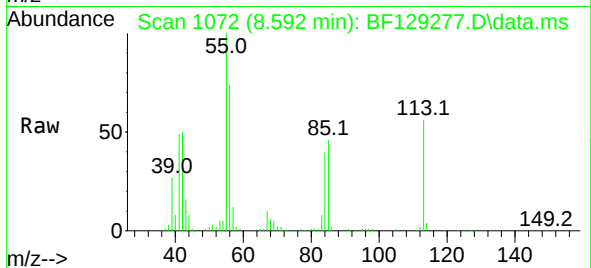
#35
 Caprolactam
 Concen: 7.514 ng
 RT: 8.592 min Scan# 1072
 Delta R.T. -0.047 min
 Lab File: BF129277.D
 Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

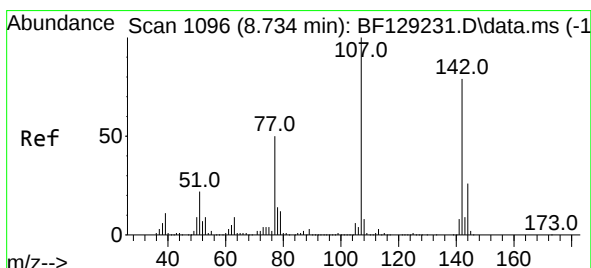
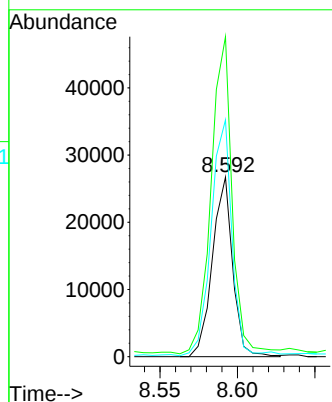
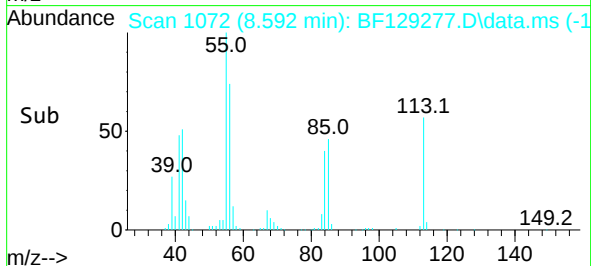


Tgt Ion:113 Resp: 2428
 Ion Ratio Lower Upper
 113 100
 55 178.3 188.5 228.5
 56 131.9 130.6 170.6

Manual Integrations

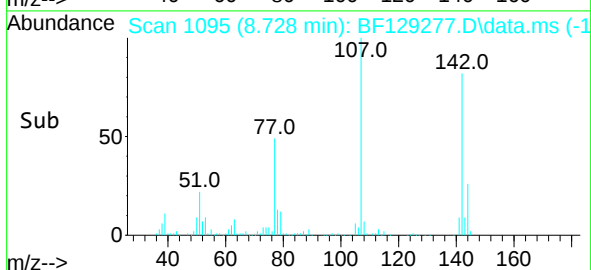
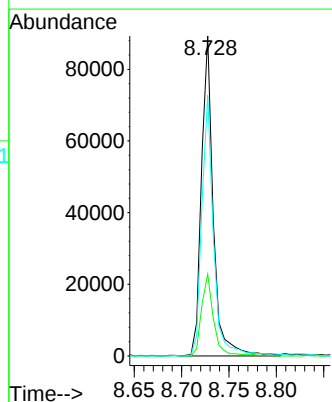
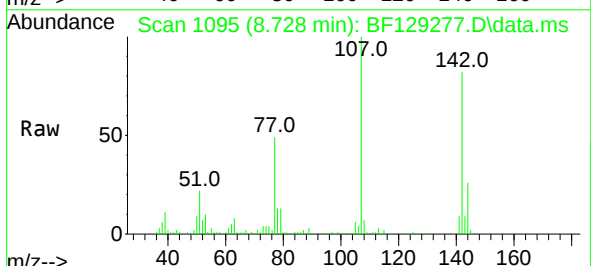
APPROVED

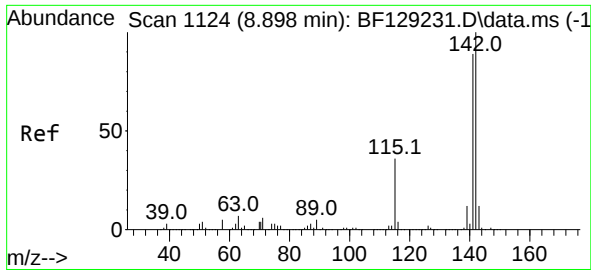
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 7.354 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. -0.006 min
 Lab File: BF129277.D
 Acq: 18 Jul 2022 20:17

Tgt Ion:107 Resp: 78049
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 81.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 8.872 ng

RT: 8.898 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

Tgt Ion:142 Resp: 19289

Ion Ratio Lower Upper

142 100

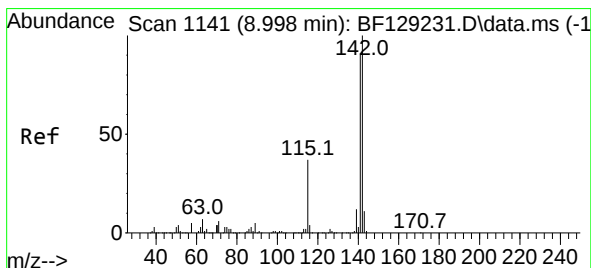
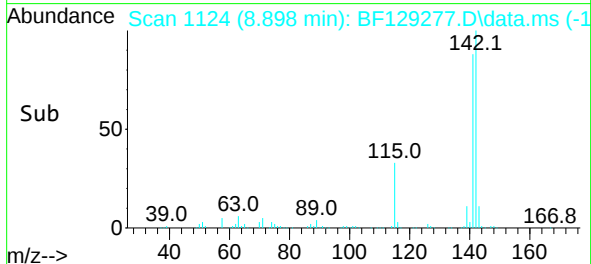
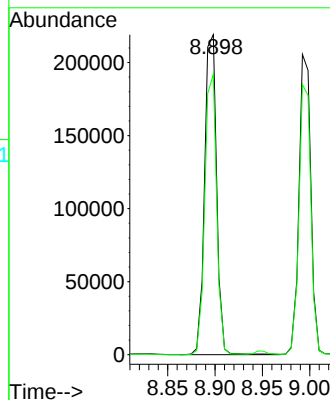
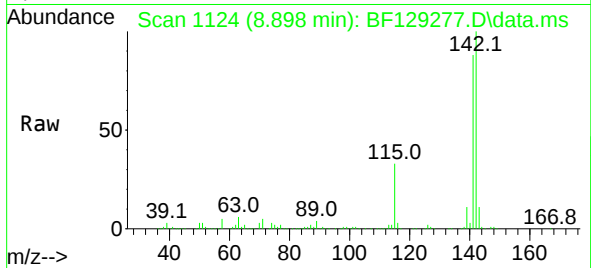
141 87.6 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#38

1-Methylnaphthalene

Concen: 8.431 ng

RT: 8.992 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF129277.D

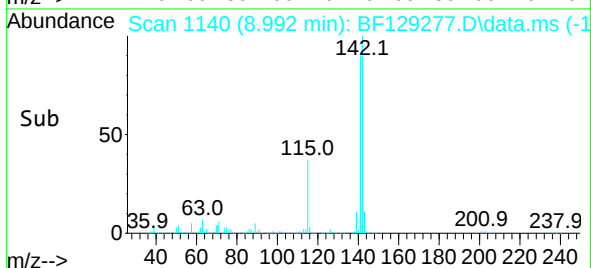
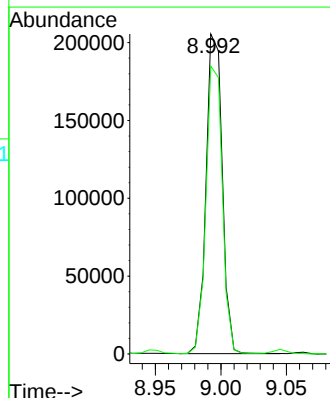
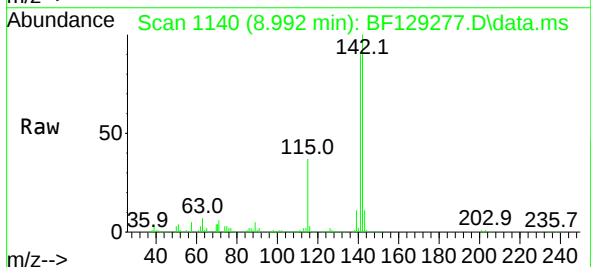
Acq: 18 Jul 2022 20:17

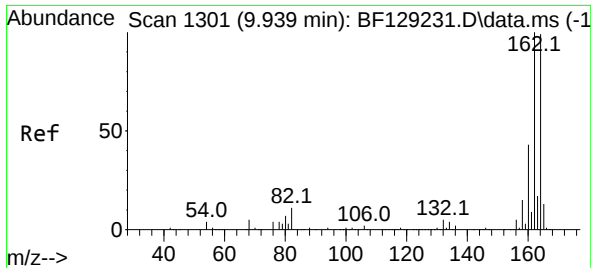
Tgt Ion:142 Resp: 177268

Ion Ratio Lower Upper

142 100

141 89.9 74.2 111.4





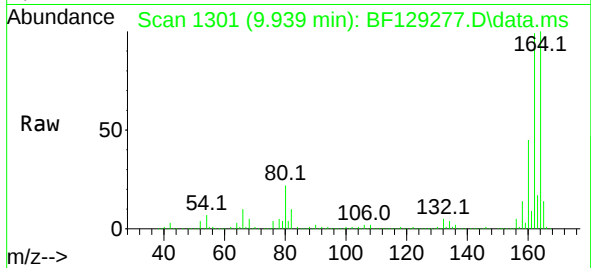
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

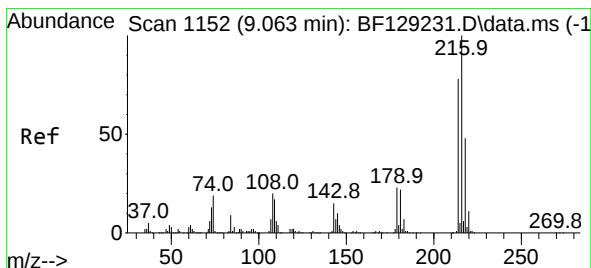
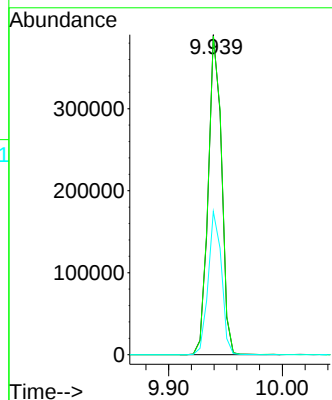
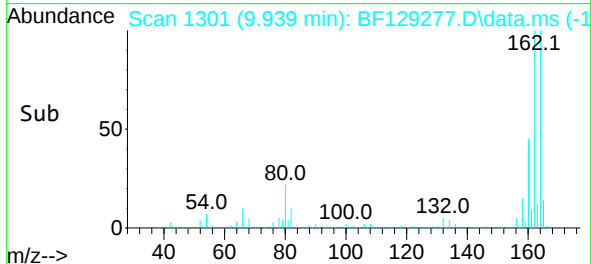


Tgt Ion:164 Resp: 317459
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 44.8 34.2 51.4

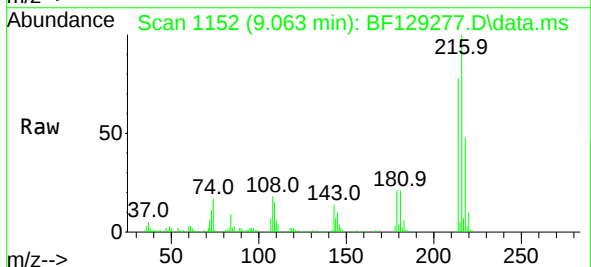
Manual Integrations

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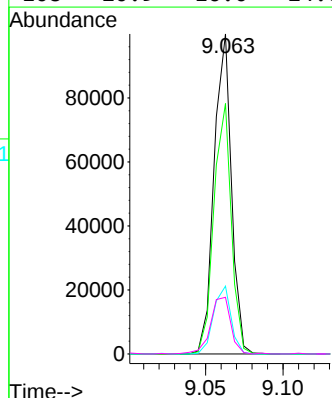
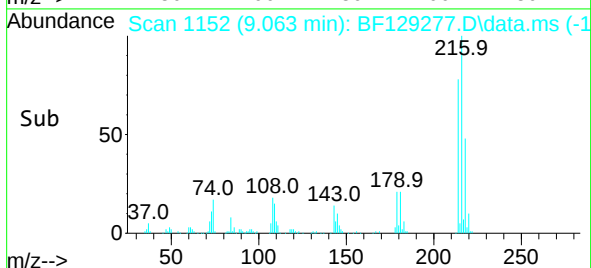
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

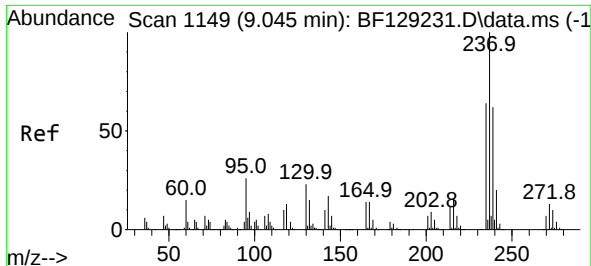


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.874 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



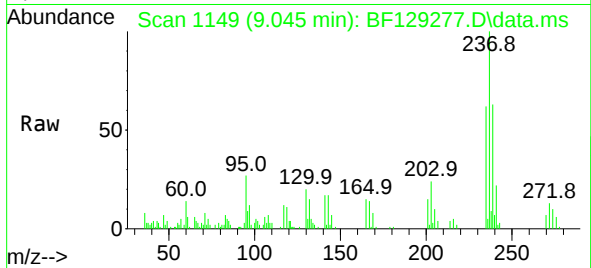
Tgt Ion:216 Resp: 77937
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 21.5 17.0 25.6
108 20.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 3.309 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

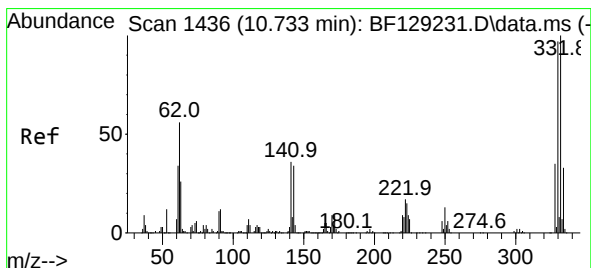
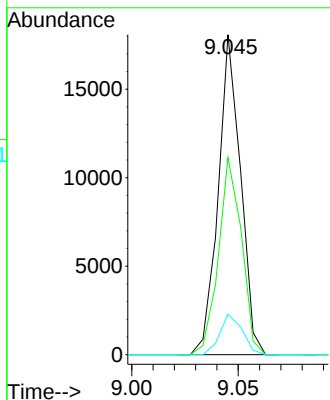
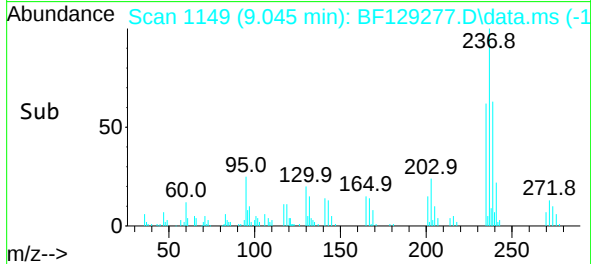
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



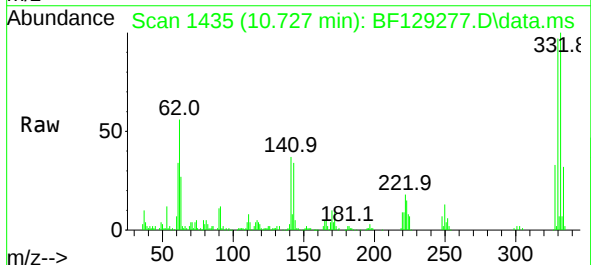
Tgt Ion:237 Resp: 13144
Ion Ratio Lower Upper
237 100
235 61.6 43.2 83.2
272 12.7 0.0 31.9

Manual Integrations
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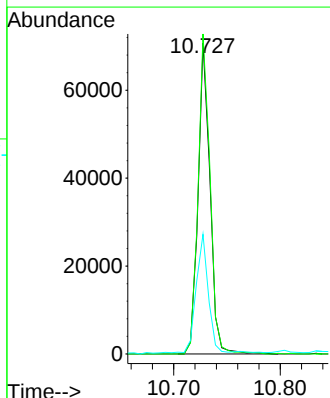
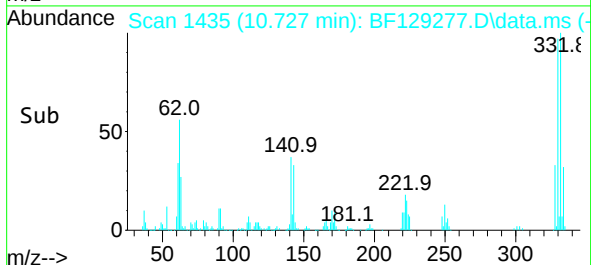
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

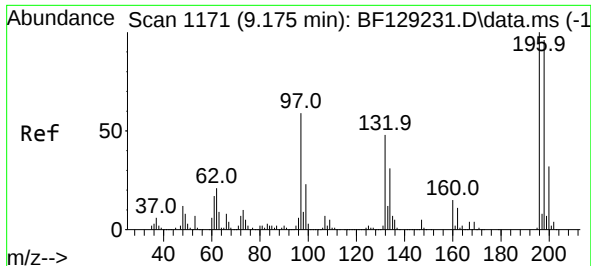


#42
2,4,6-Tribromophenol
Concen: 18.767 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



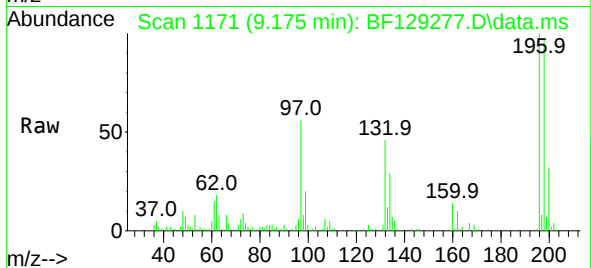
Tgt Ion:330 Resp: 55297
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 40.7 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 8.446 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

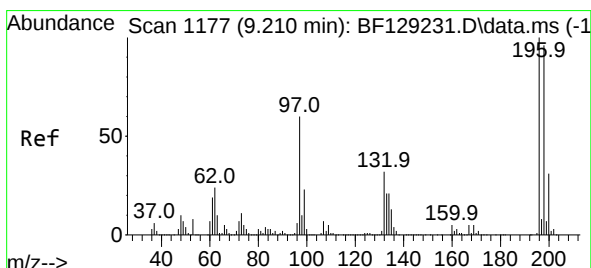
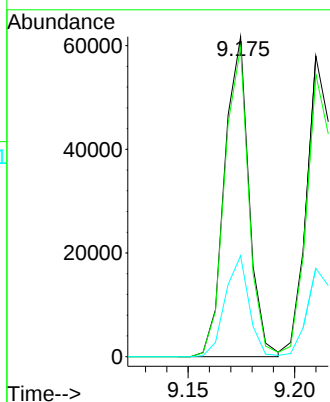
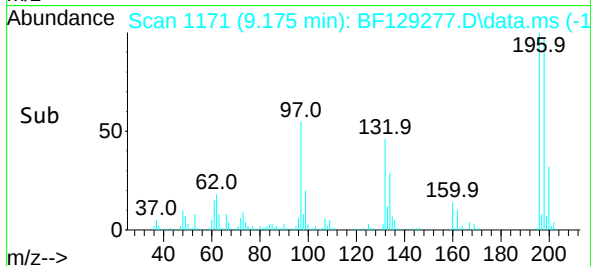
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



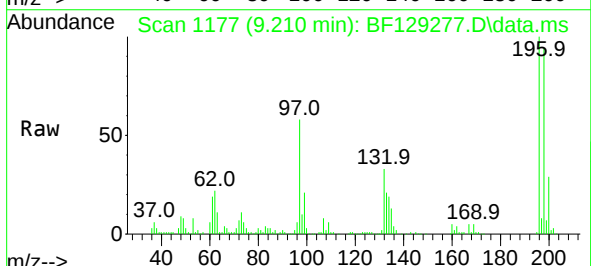
Tgt Ion:196 Resp: 4908
Ion Ratio Lower Upper
196 100
198 96.8 74.0 111.0
200 31.5 24.1 36.1

Manual Integrations
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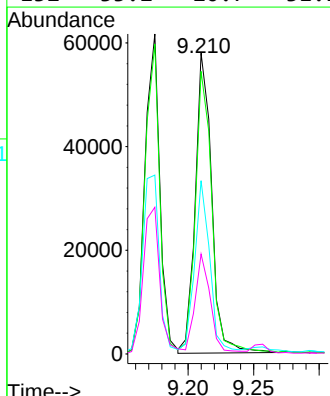
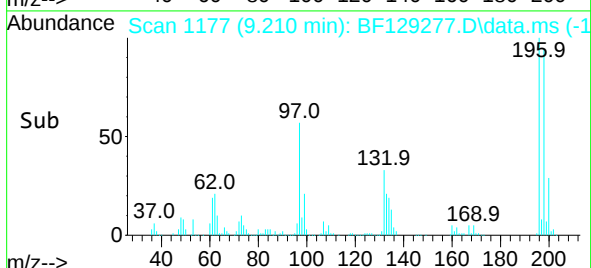
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

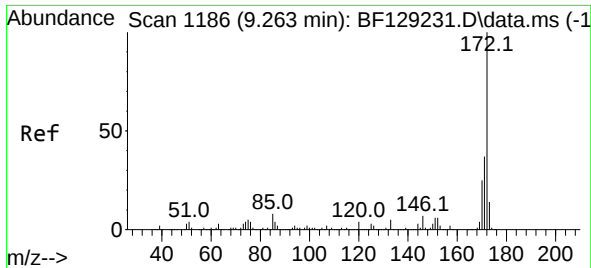


#44
2,4,5-Trichlorophenol
Concen: 8.225 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



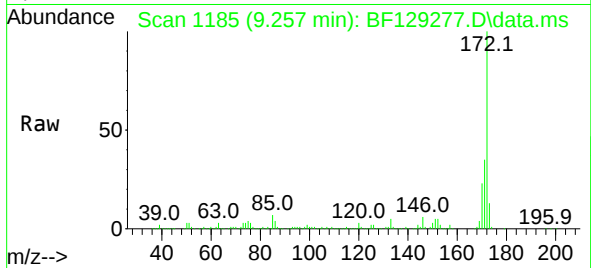
Tgt Ion:196 Resp: 50564
Ion Ratio Lower Upper
196 100
198 94.0 75.7 113.5
97 57.6 36.4 54.6#
132 33.2 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 15.863 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

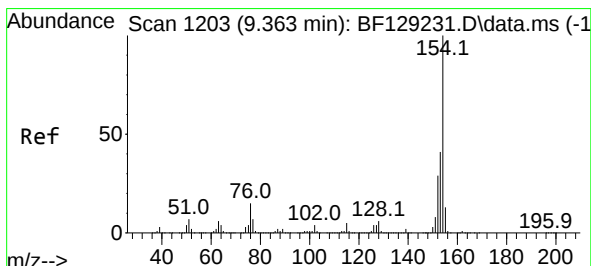
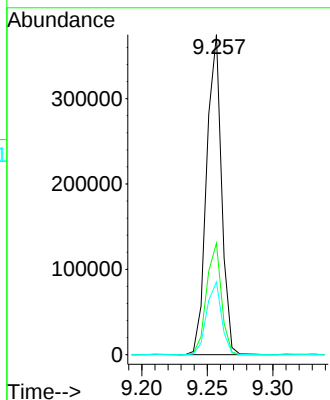
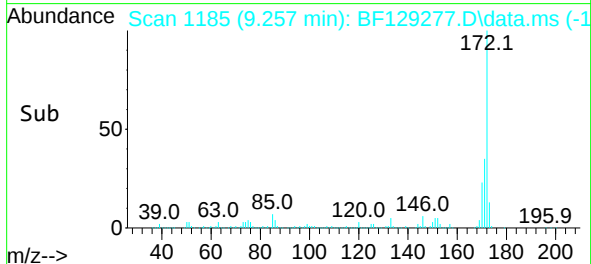
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



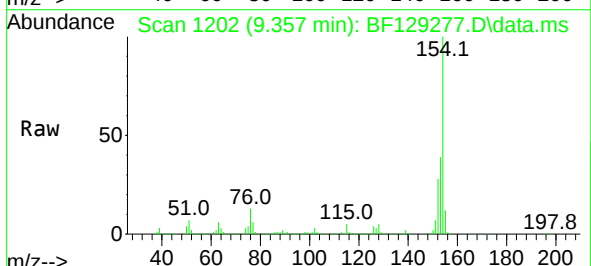
Tgt Ion:172 Resp: 297245
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 22.7 19.8 29.8

Manual Integrations
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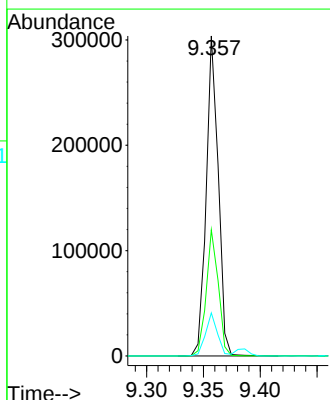
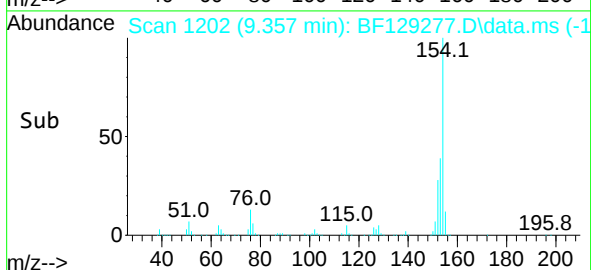
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

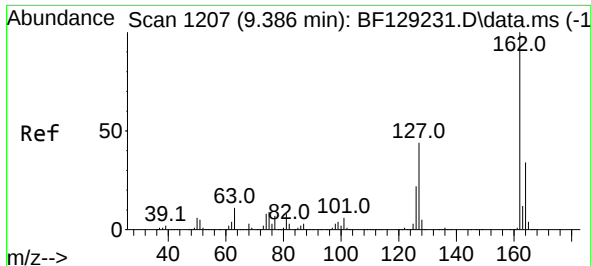


#46
1,1'-Biphenyl
Concen: 9.929 ng
RT: 9.357 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



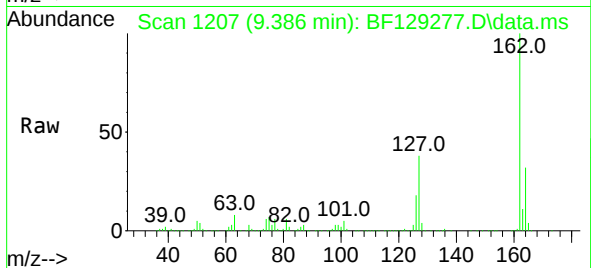
Tgt Ion:154 Resp: 222950
Ion Ratio Lower Upper
154 100
153 39.4 20.6 60.6
76 13.5 0.0 33.3





#47
2-Chloronaphthalene
Concen: 9.716 ng
RT: 9.386 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

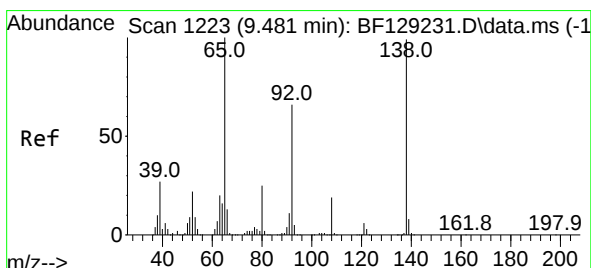
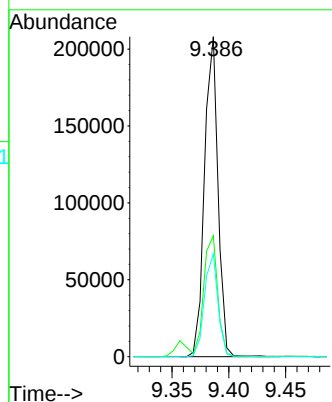
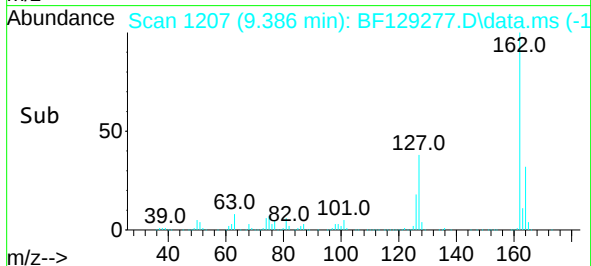
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:162 Resp: 171834
Ion Ratio Lower Upper
162 100
127 37.8 34.5 51.7
164 32.1 26.5 39.7

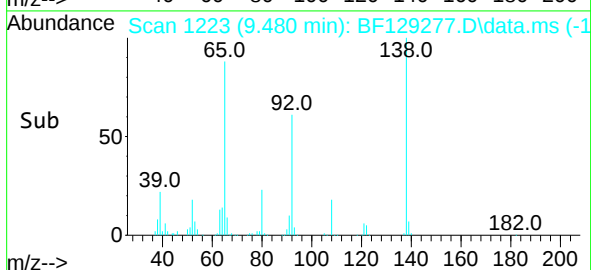
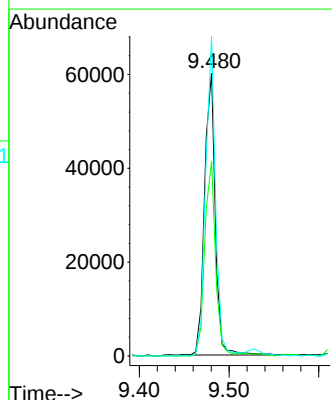
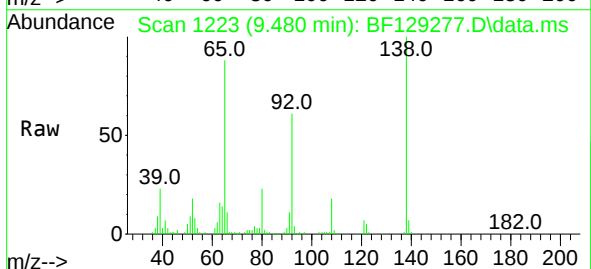
Manual Integrations
APPROVED

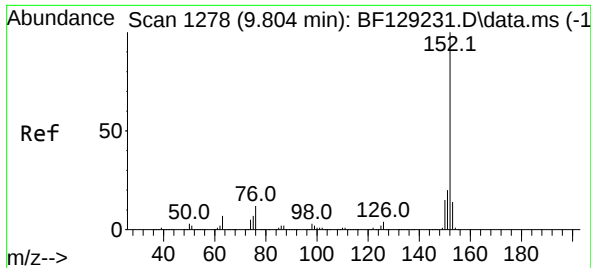
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#48
2-Nitroaniline
Concen: 8.412 ng
RT: 9.480 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

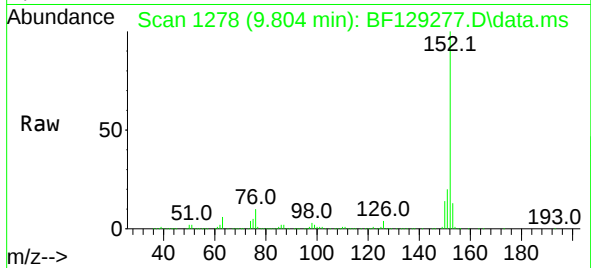
Tgt Ion: 65 Resp: 49984
Ion Ratio Lower Upper
65 100
92 68.7 51.9 77.9
138 113.1 76.4 114.6





#49
Acenaphthylene
Concen: 10.100 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

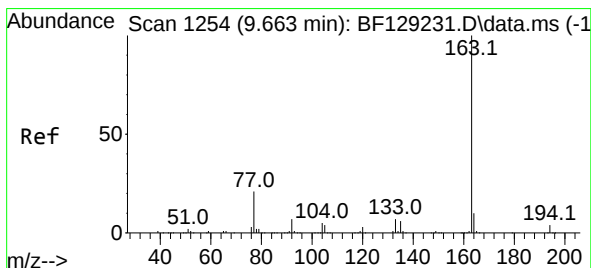
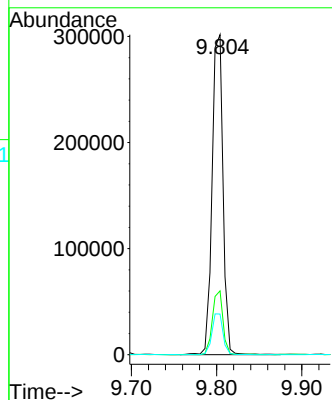
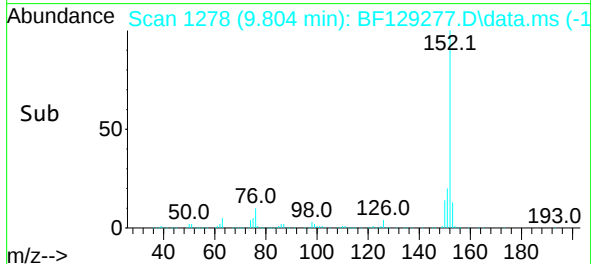
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



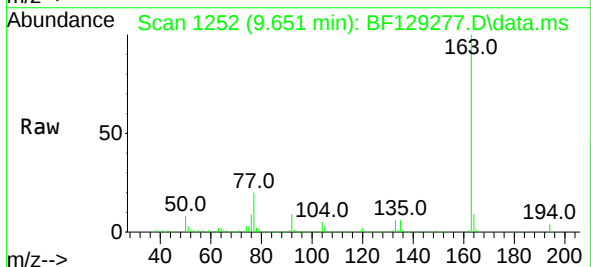
Tgt Ion:152 Resp: 268844
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.7 10.7 16.1

Manual Integrations
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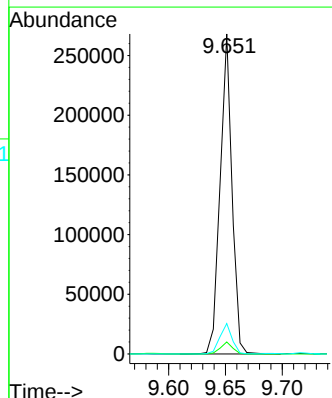
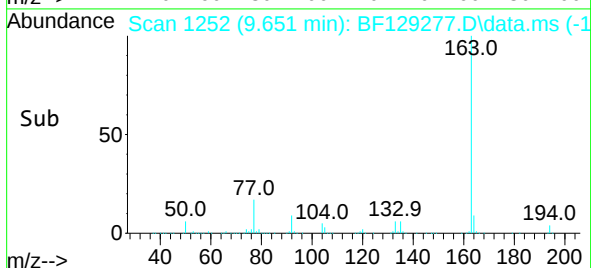
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

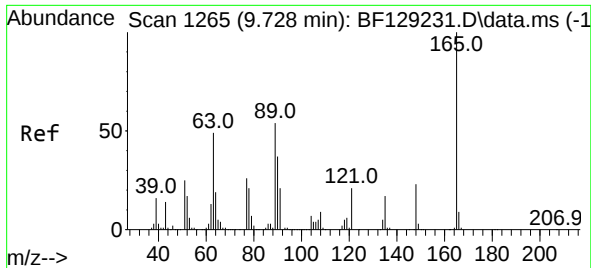


#50
Dimethylphthalate
Concen: 9.480 ng
RT: 9.651 min Scan# 1252
Delta R.T. -0.012 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



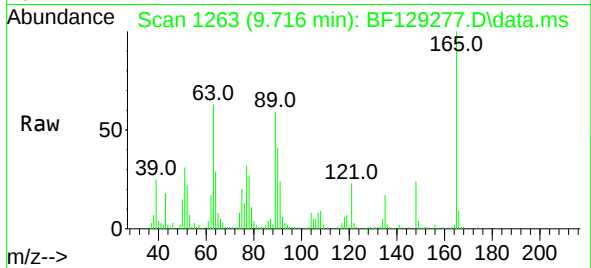
Tgt Ion:163 Resp: 195286
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 8.540 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

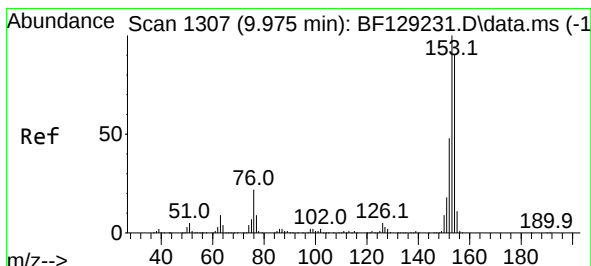
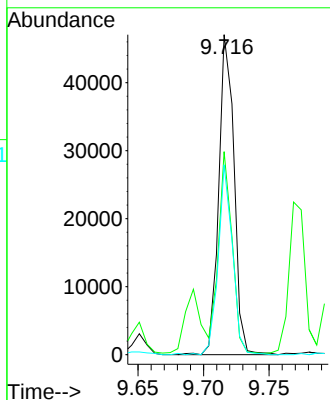
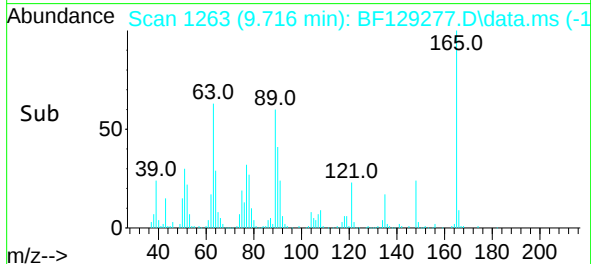
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:165 Resp: 38070
Ion Ratio Lower Upper
165 100
63 63.5 44.9 67.3
89 59.3 43.6 65.4

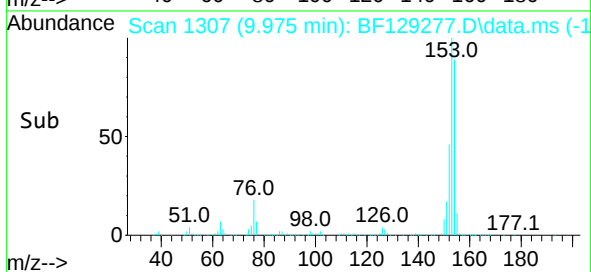
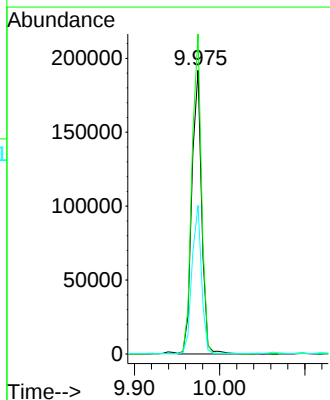
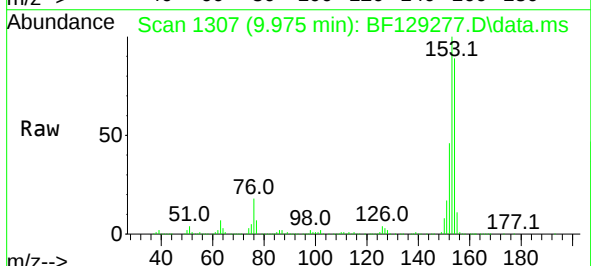
Manual Integrations
APPROVED

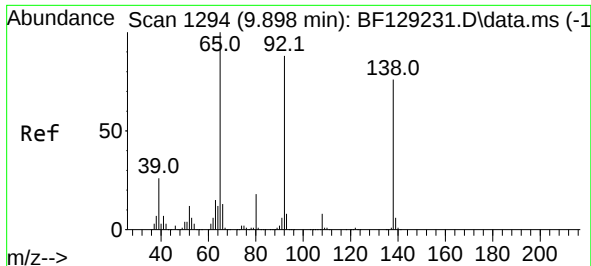
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#52
Acenaphthene
Concen: 8.817 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

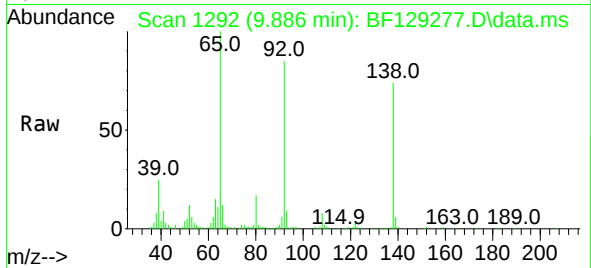
Tgt Ion:154 Resp: 153410
Ion Ratio Lower Upper
154 100
153 112.8 89.6 134.4
152 52.4 42.4 63.6





#53
3-Nitroaniline
Concen: 7.965 ng
RT: 9.886 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

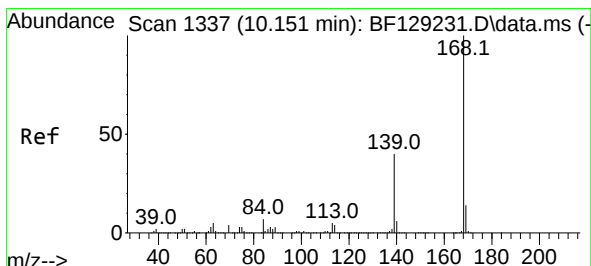
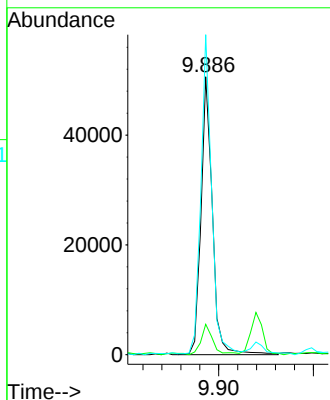
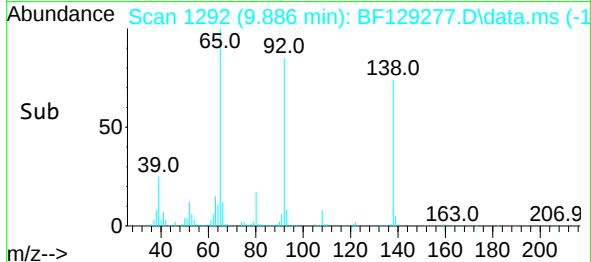
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:138 Resp: 4240
Ion Ratio Lower Upper
138 100
108 11.0 10.9 16.3
92 115.2 98.2 147.2

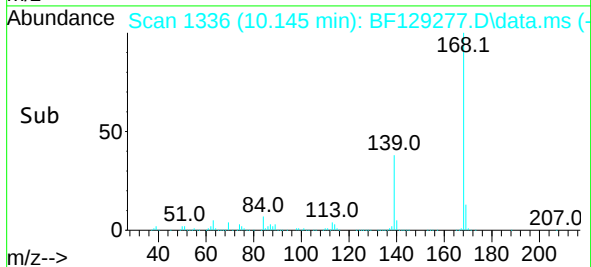
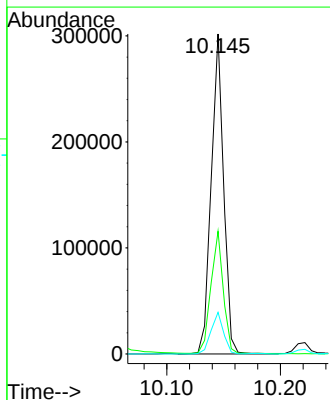
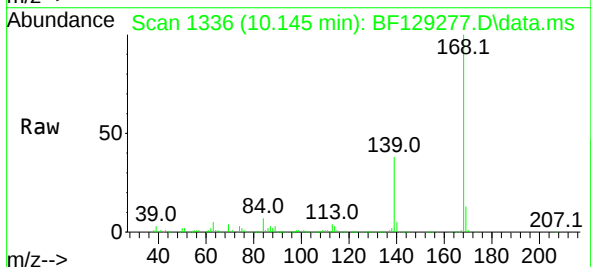
Manual Integrations
APPROVED

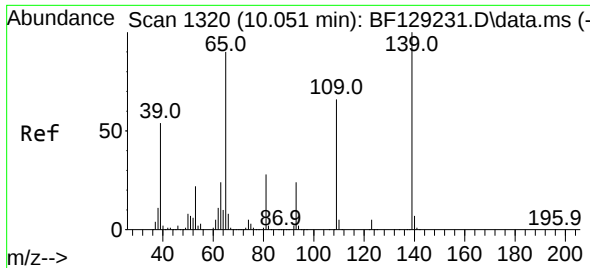
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#55
Dibenzofuran
Concen: 9.274 ng
RT: 10.145 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

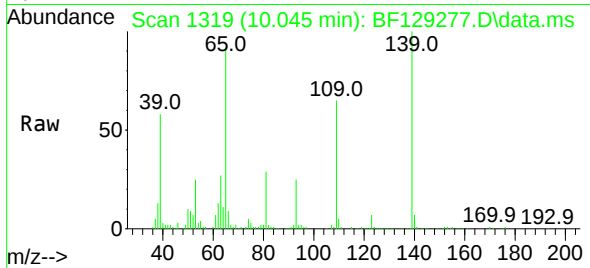
Tgt Ion:168 Resp: 229064
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 13.0 11.0 16.6





#56
4-Nitrophenol
Concen: 15.620 ng
RT: 10.045 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

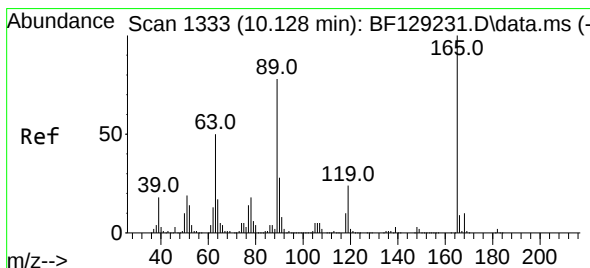
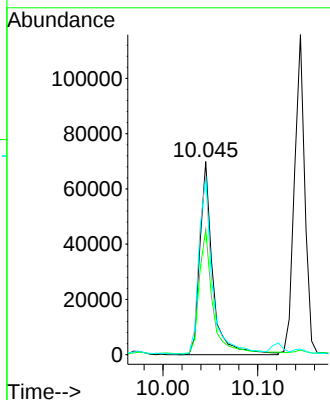
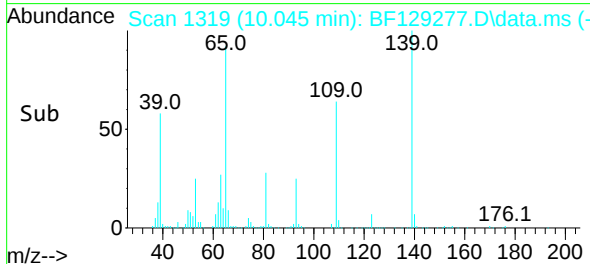
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:139 Resp: 65812
Ion Ratio Lower Upper
139 100
109 64.8 50.7 90.7
65 92.3 74.5 114.5

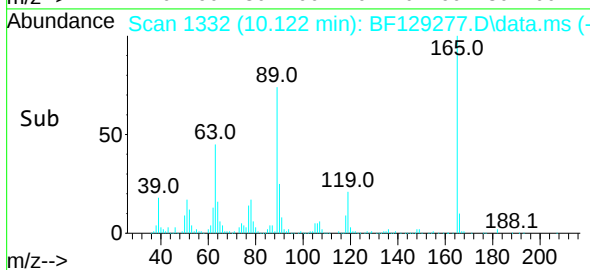
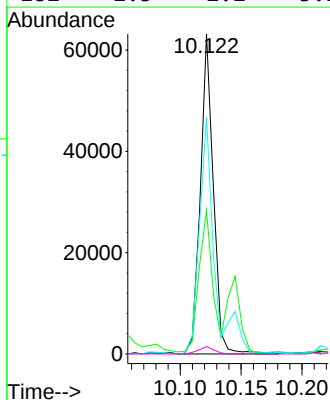
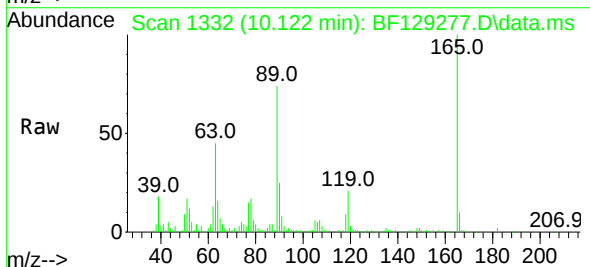
Manual Integrations
APPROVED

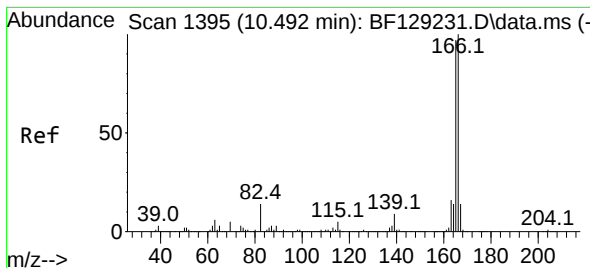
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#57
2,4-Dinitrotoluene
Concen: 8.011 ng
RT: 10.122 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion:165 Resp: 46830
Ion Ratio Lower Upper
165 100
63 45.0 39.8 59.6
89 74.1 60.2 90.2
182 2.3 2.2 3.2





#58

Fluorene

Concen: 10.097 ng

RT: 10.486 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129277.D

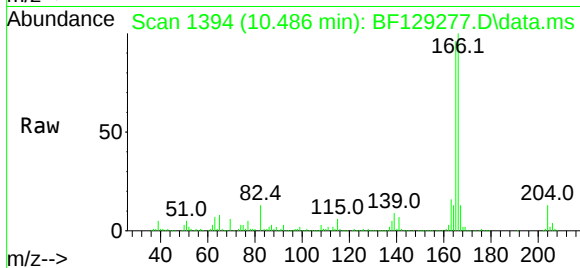
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD



Tgt Ion:166 Resp: 189690

Ion Ratio Lower Upper

166 100

165 96.2 78.1 117.1

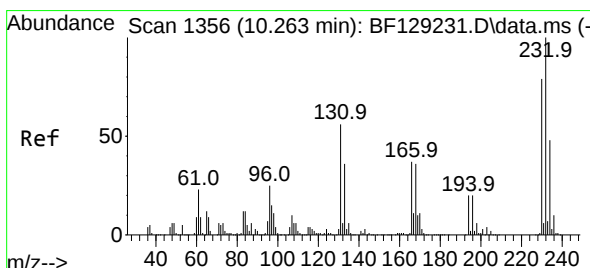
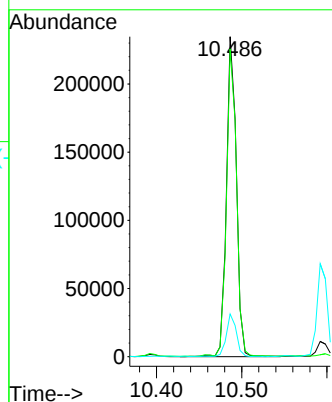
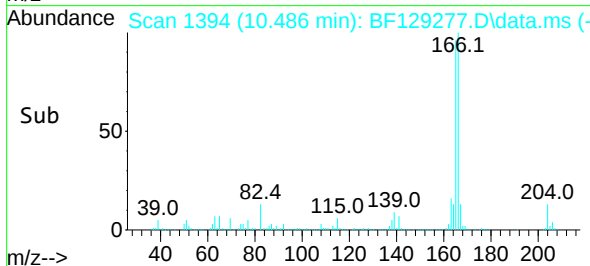
167 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#59

2,3,4,6-Tetrachlorophenol

Concen: 8.104 ng m

RT: 10.263 min Scan# 1356

Delta R.T. -0.000 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Tgt Ion:232 Resp: 38488

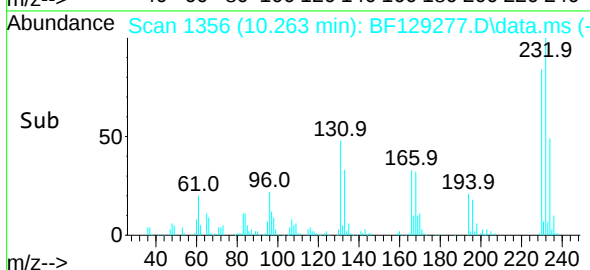
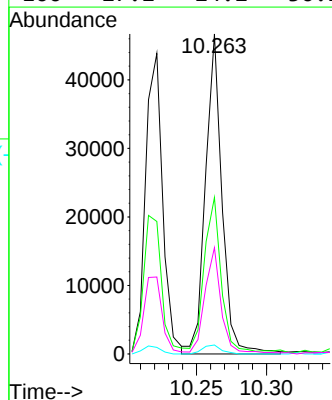
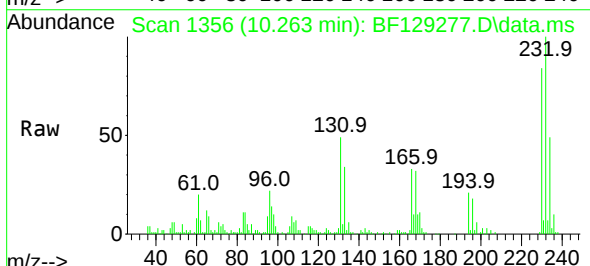
Ion Ratio Lower Upper

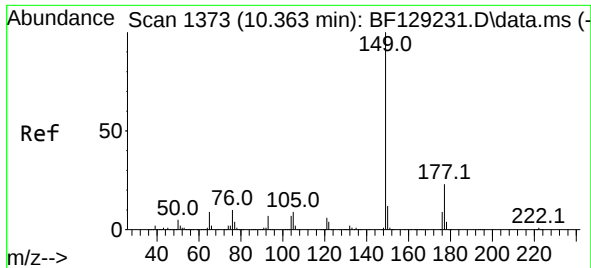
232 100

131 47.1 36.1 54.1

130 2.6 1.8 2.8

166 27.2 24.2 36.2





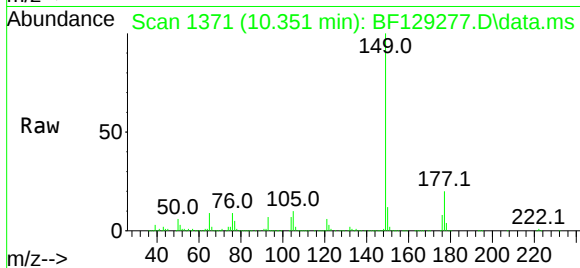
#60
Diethylphthalate
Concen: 9.497 ng
RT: 10.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

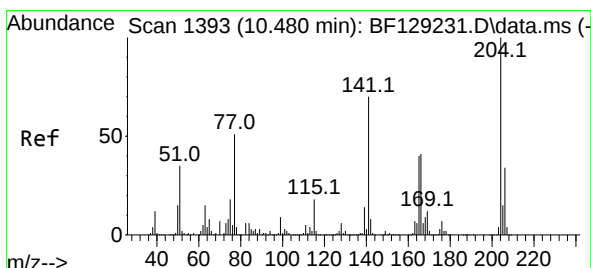
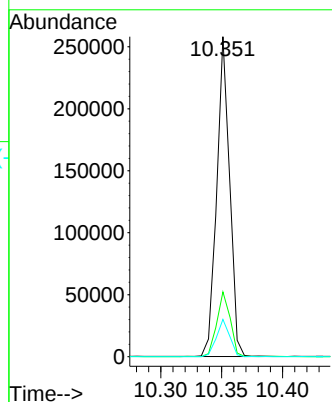
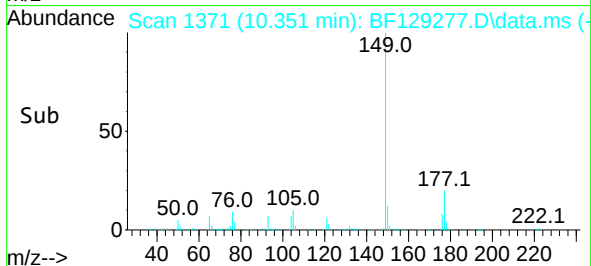


Tgt Ion:149 Resp: 18920
Ion Ratio Lower Upper
149 100
177 20.2 17.3 25.9
150 11.6 10.2 15.2

Manual Integrations

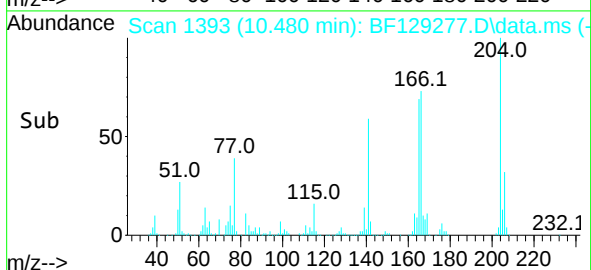
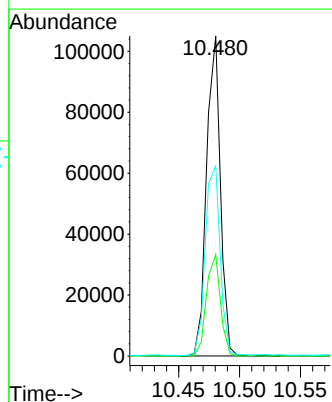
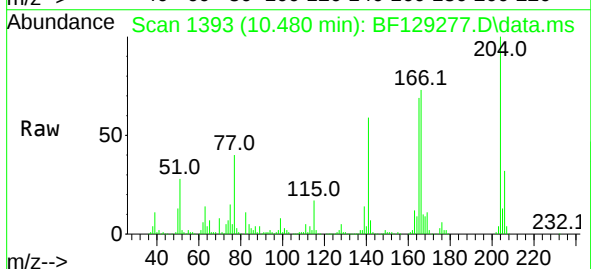
APPROVED

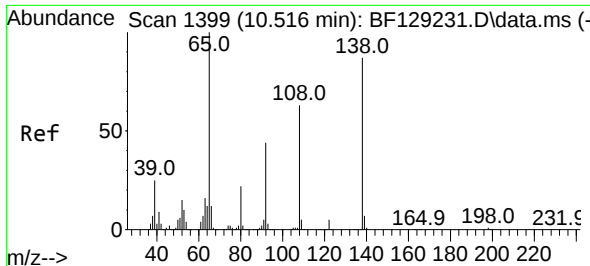
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#61
4-Chlorophenyl-phenylether
Concen: 9.530 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

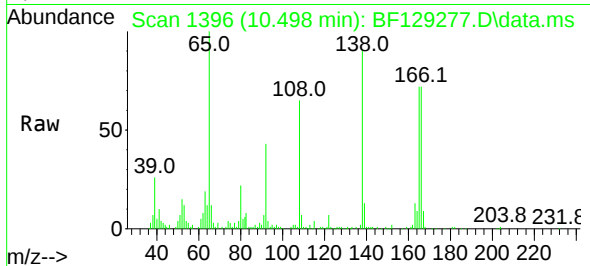
Tgt Ion:204 Resp: 82935
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.6
141 59.4 47.0 70.4





#62
4-Nitroaniline
Concen: 8.366 ng
RT: 10.498 min Scan# 1399
Delta R.T. -0.018 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

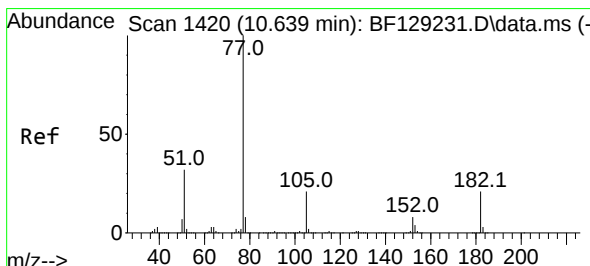
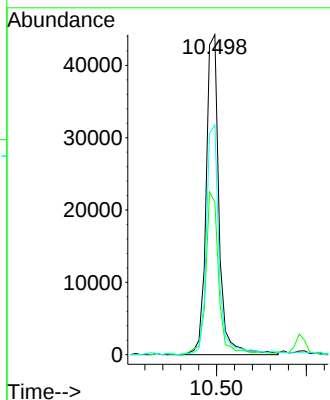
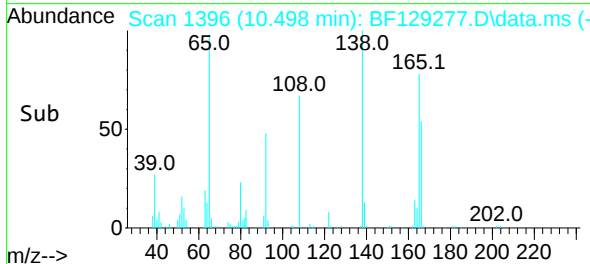
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:138 Resp: 44092
Ion Ratio Lower Upper
138 100
92 47.7 33.5 73.5
108 71.8 61.0 101.0

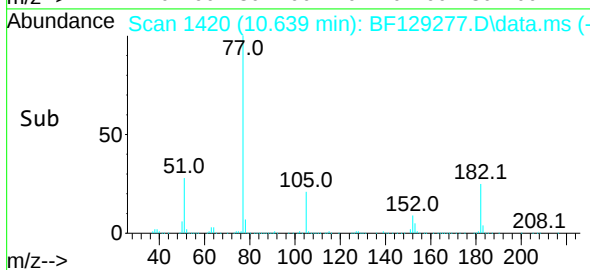
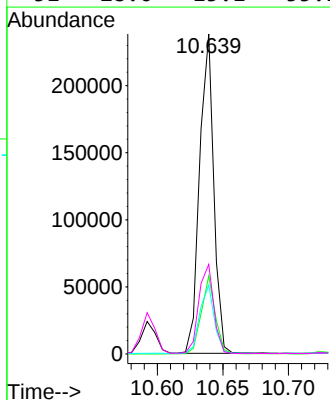
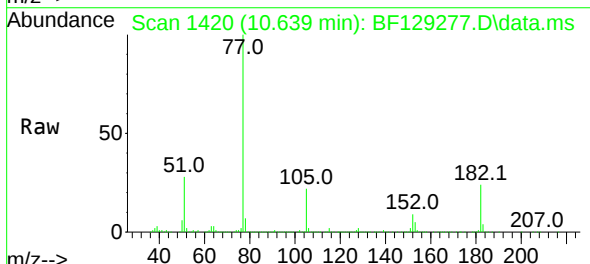
Manual Integrations
APPROVED

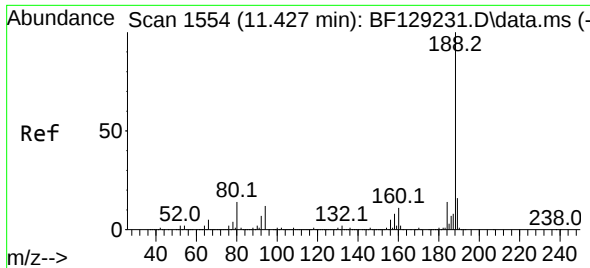
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#63
Azobenzene
Concen: 8.417 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

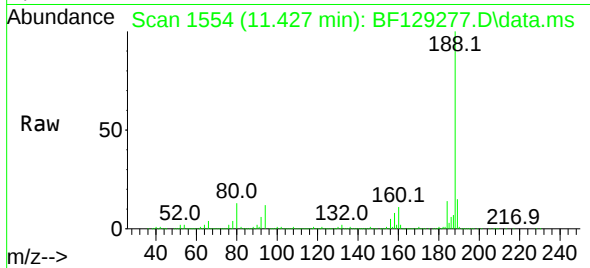
Tgt Ion: 77 Resp: 179004
Ion Ratio Lower Upper
77 100
182 24.4 5.6 45.6
105 21.5 1.6 41.6
51 28.0 15.1 55.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 114
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

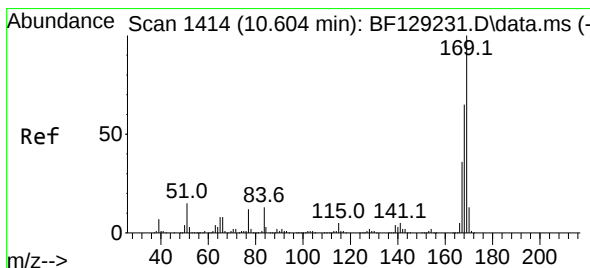
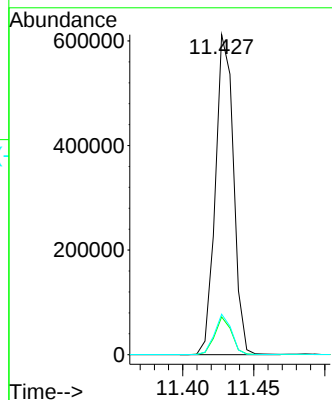
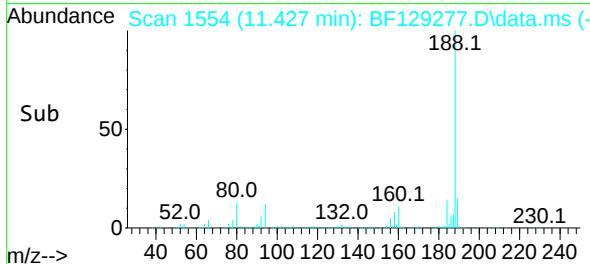
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



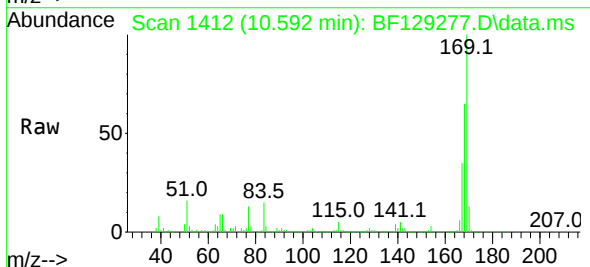
Tgt Ion:188 Resp: 543114
Ion Ratio Lower Upper
188 100
94 11.8 7.0 10.6
80 12.7 7.6 11.4

Manual Integrations APPROVED

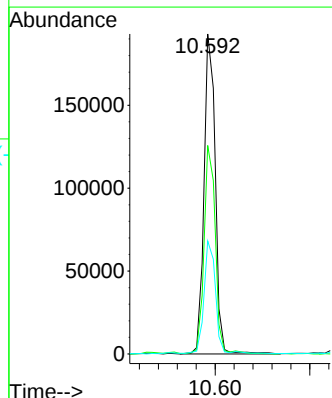
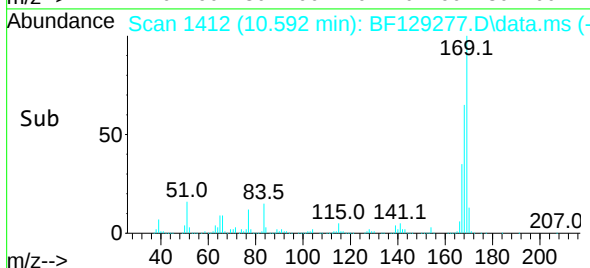
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

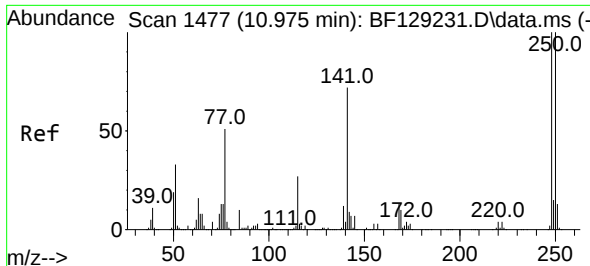


#66
n-Nitrosodiphenylamine
Concen: 9.168 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



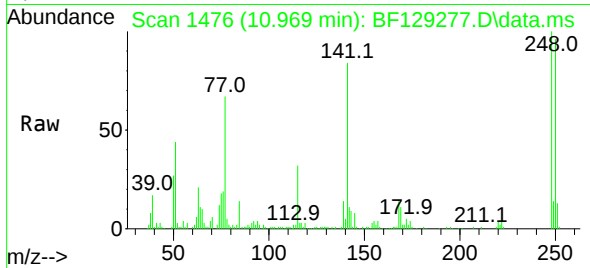
Tgt Ion:169 Resp: 158869
Ion Ratio Lower Upper
169 100
168 65.2 50.1 75.1
167 35.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 8.664 ng
RT: 10.969 min Scan# 1476
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

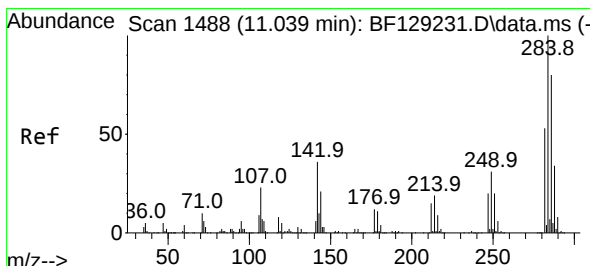
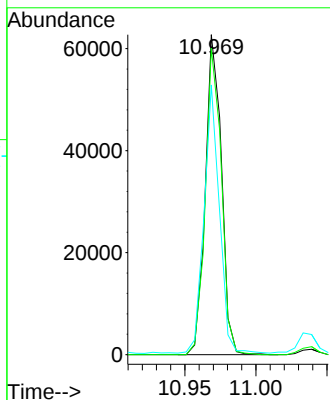
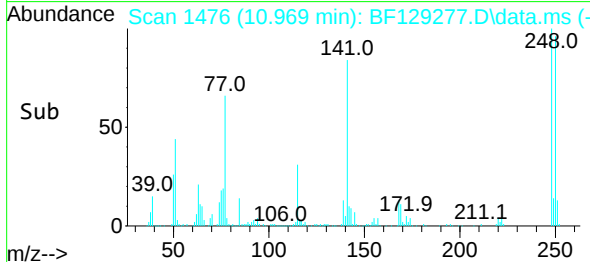
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



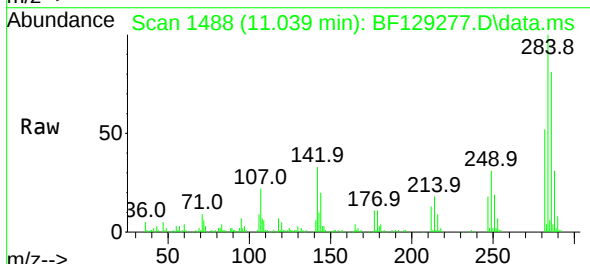
Tgt Ion:248 Resp: 49532
Ion Ratio Lower Upper
248 100
250 95.7 80.6 120.8
141 84.3 58.9 88.3

Manual Integrations
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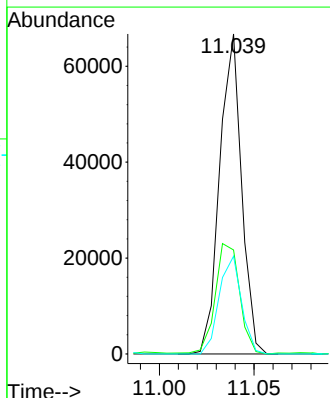
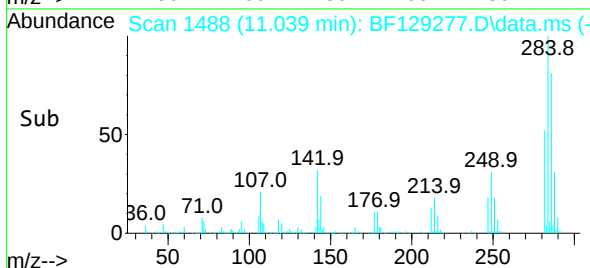
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

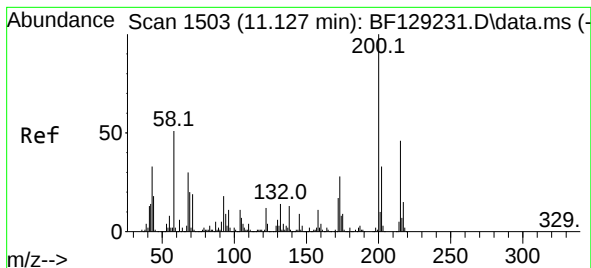


#68
Hexachlorobenzene
Concen: 8.934 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



Tgt Ion:284 Resp: 53613
Ion Ratio Lower Upper
284 100
142 32.5 29.0 43.4
249 30.6 25.0 37.6





#69

Atrazine

Concen: 10.469 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129277.D

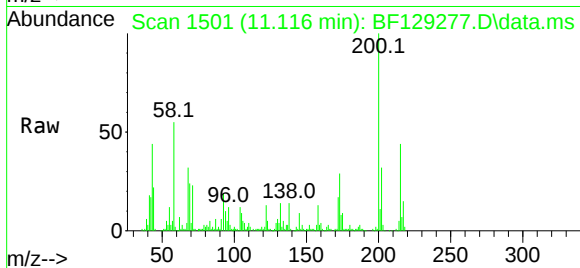
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD



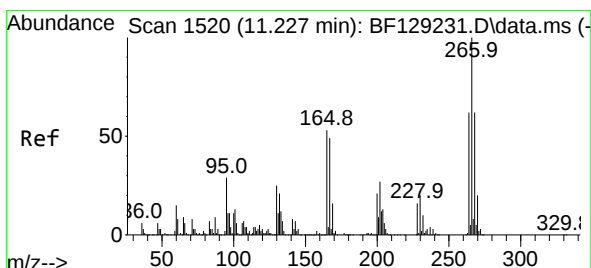
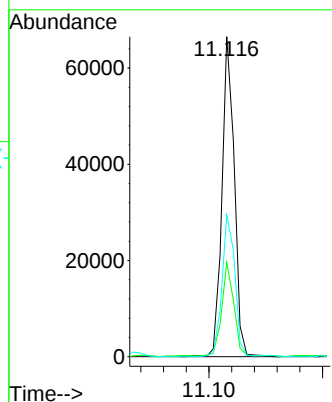
Tgt Ion:	200	Resp:	50294
Ion Ratio	Lower	Upper	
200	100		
173	29.5	6.3	46.3
215	44.4	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#70

Pentachlorophenol

Concen: 15.356 ng

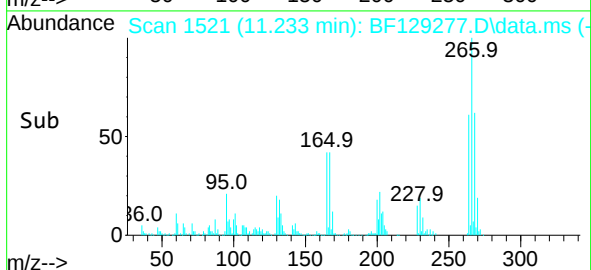
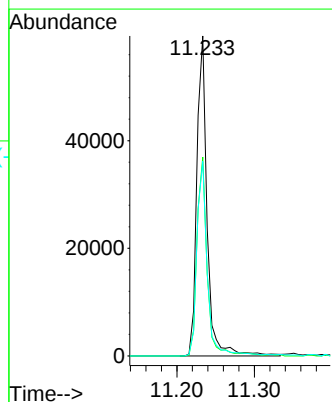
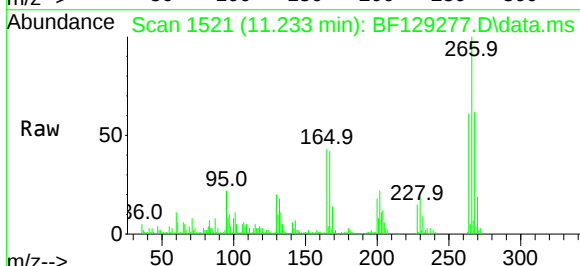
RT: 11.233 min Scan# 1521

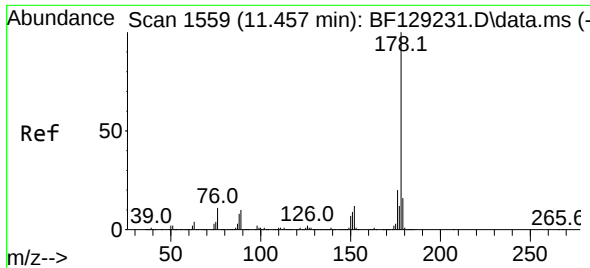
Delta R.T. 0.006 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

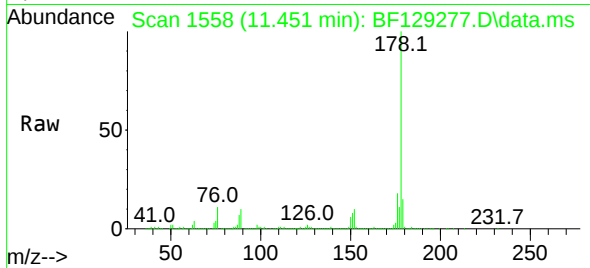
Tgt Ion:	266	Resp:	54799
Ion Ratio	Lower	Upper	
266	100		
268	62.1	51.0	76.4
264	60.8	49.4	74.2





#71
Phenanthrene
Concen: 12.156 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

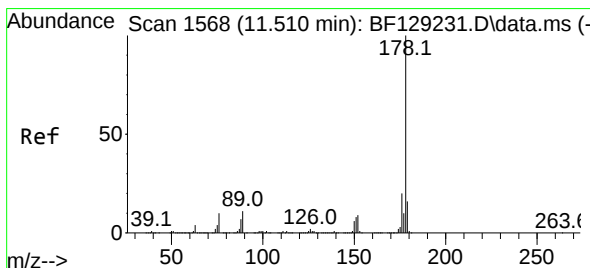
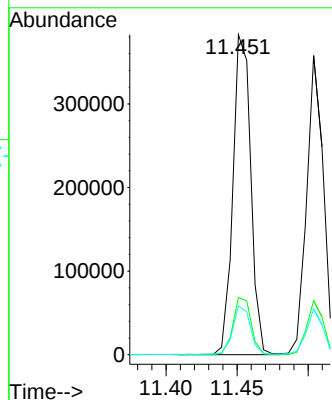
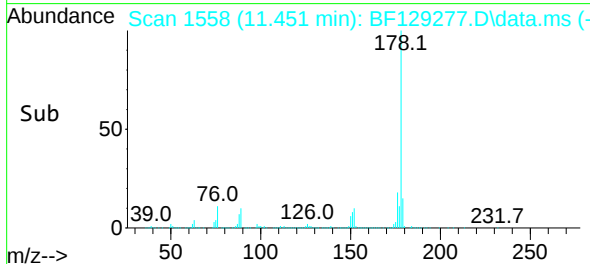
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



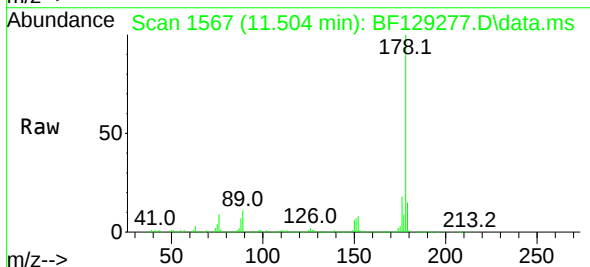
Tgt Ion:178 Resp: 33519
Ion Ratio Lower Upper
178 100
176 17.9 16.0 24.0
179 15.2 12.6 19.0

Manual Integrations
APPROVED

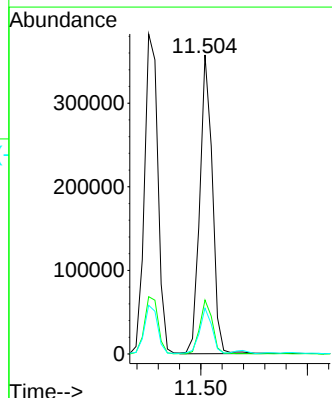
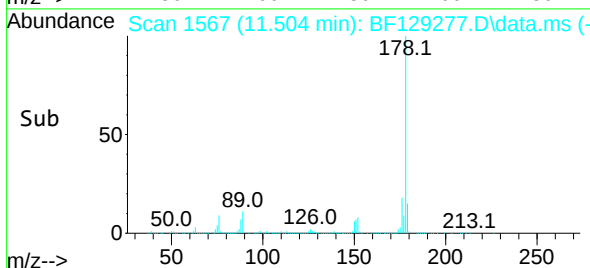
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

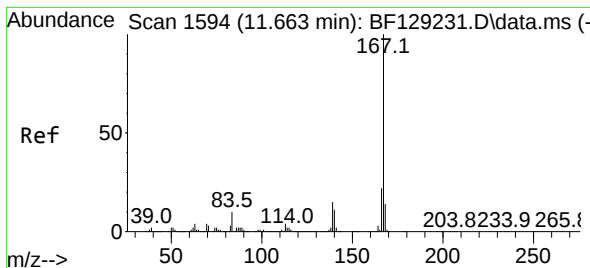


#72
Anthracene
Concen: 10.701 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



Tgt Ion:178 Resp: 293115
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 9.575 ng

RT: 11.657 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

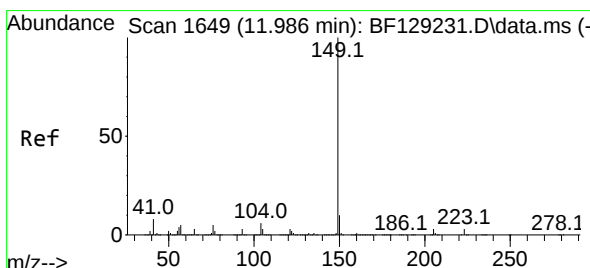
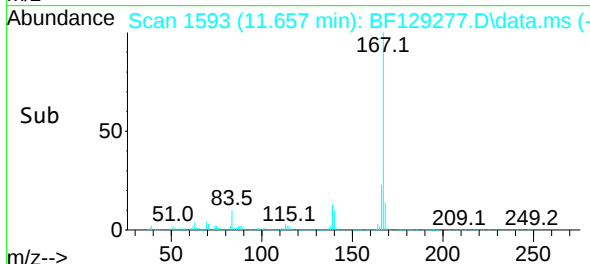
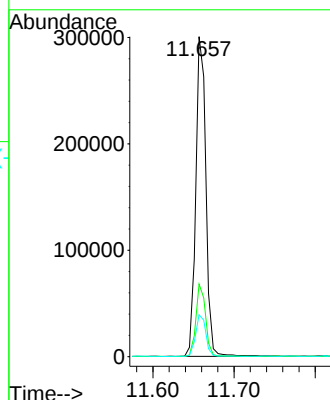
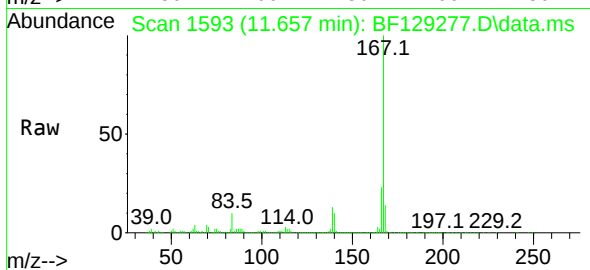
Tgt Ion:	167	Resp:	261598
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.7	26.5
139	13.1	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#74

Di-n-butylphthalate

Concen: 9.919 ng

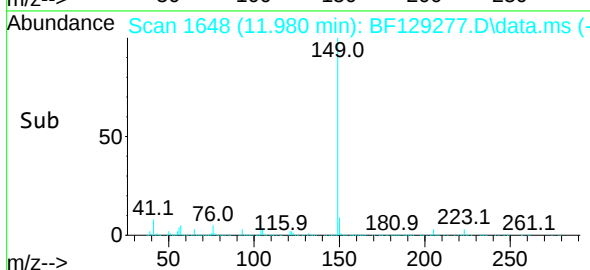
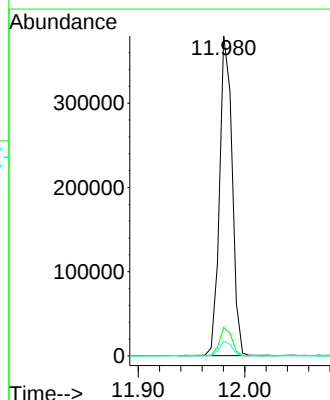
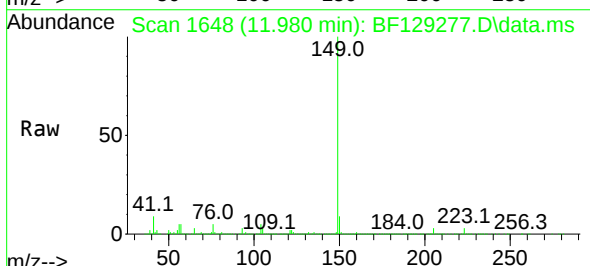
RT: 11.980 min Scan# 1648

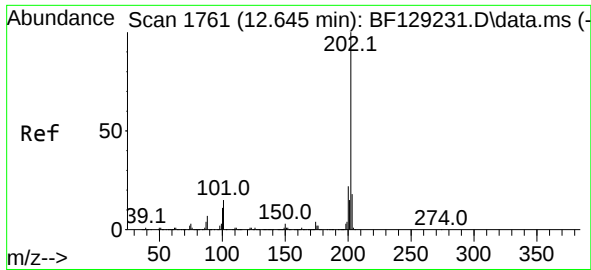
Delta R.T. -0.006 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

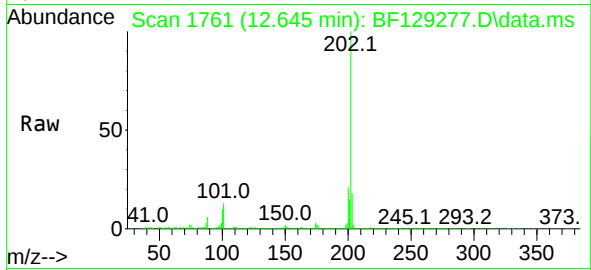
Tgt Ion:	149	Resp:	311448
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.5	11.3
104	4.6	4.4	6.6





#75
Fluoranthene
Concen: 16.968 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

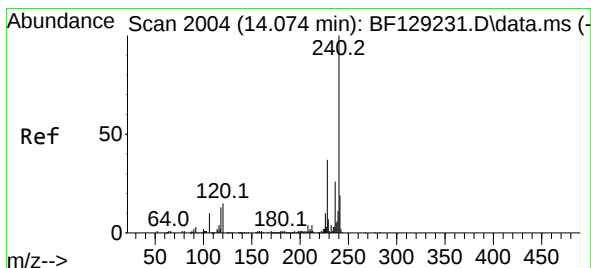
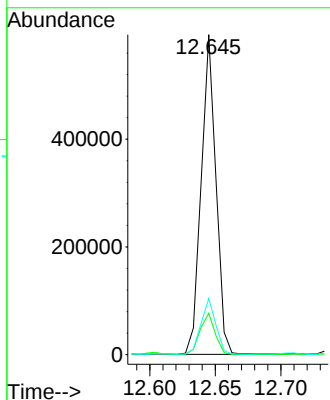
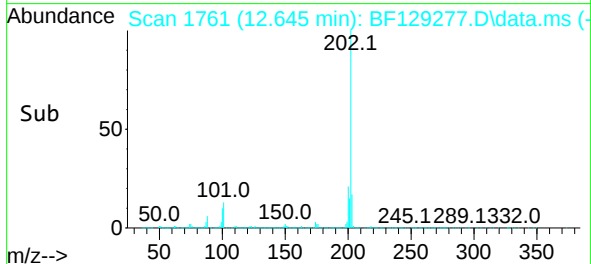
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:202 Resp: 46598
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 17.5 0.0 38.0

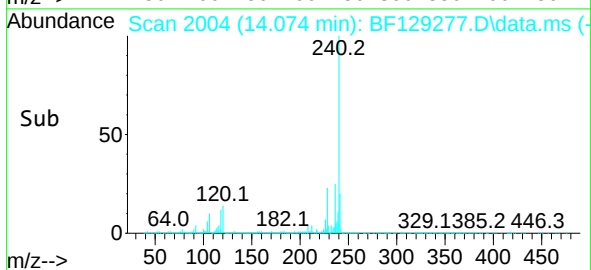
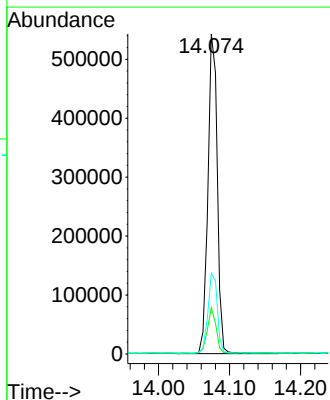
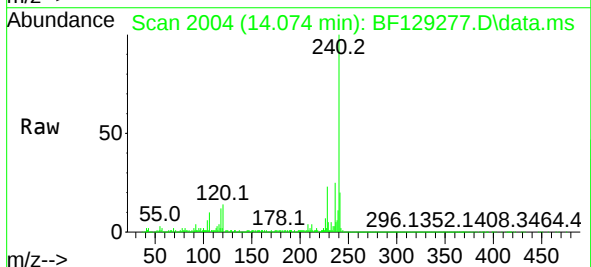
Manual Integrations
APPROVED

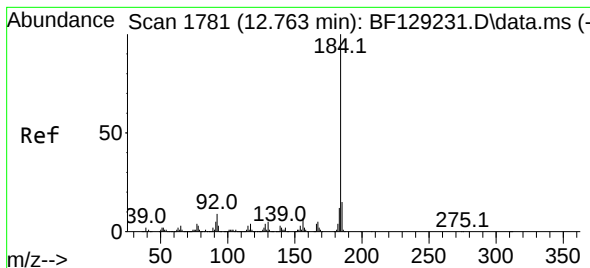
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion:240 Resp: 497813
Ion Ratio Lower Upper
240 100
120 14.4 8.9 13.3#
236 25.2 20.8 31.2





#77

Benzidine

Concen: 6.117 ng

RT: 12.768 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

Tgt Ion:184 Resp: 8524

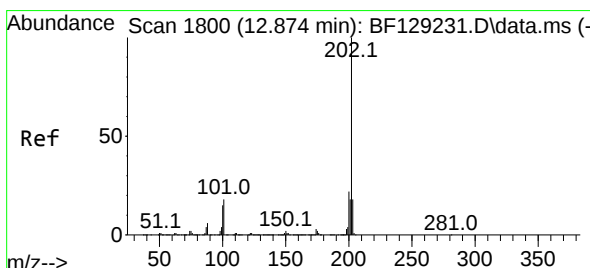
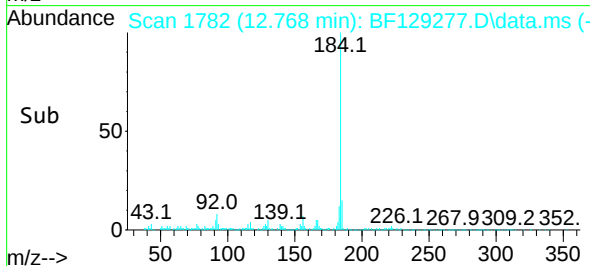
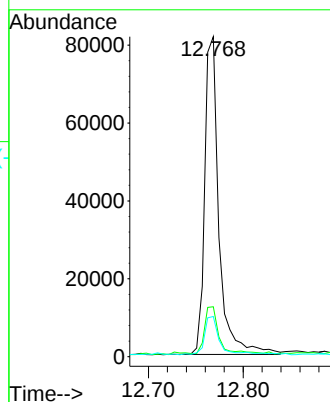
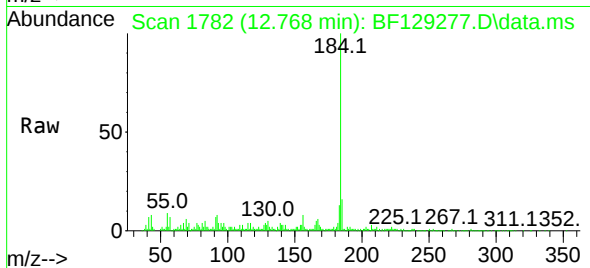
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.9	17.9
183	12.6	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#78

Pyrene

Concen: 11.676 ng

RT: 12.874 min Scan# 1800

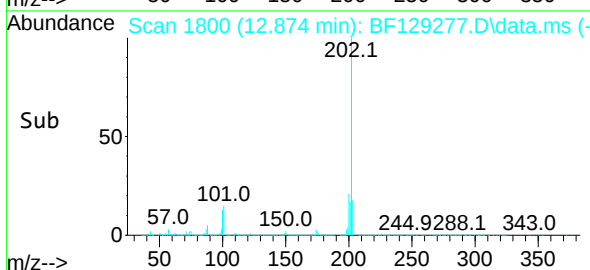
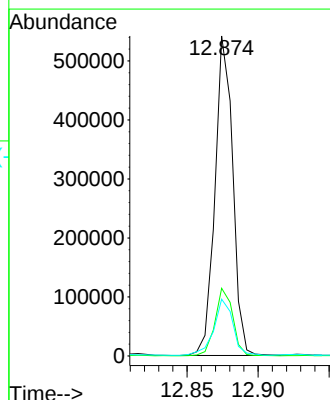
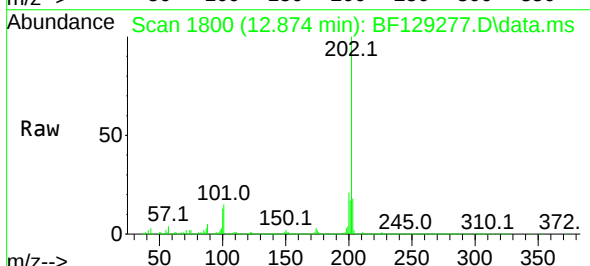
Delta R.T. -0.000 min

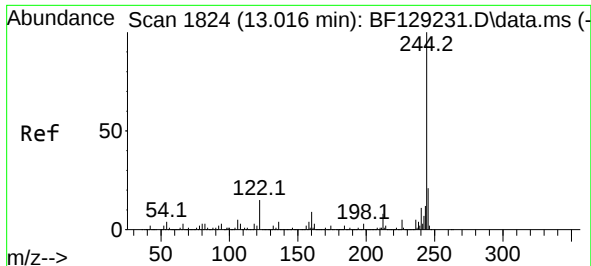
Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Tgt Ion:202 Resp: 470780

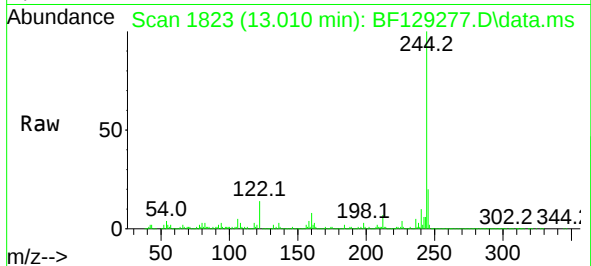
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.8	14.6	21.8





#79
Terphenyl-d14
Concen: 12.845 ng
RT: 13.010 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

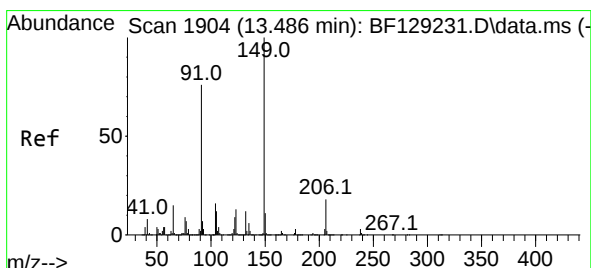
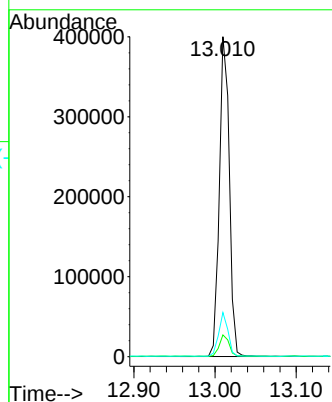
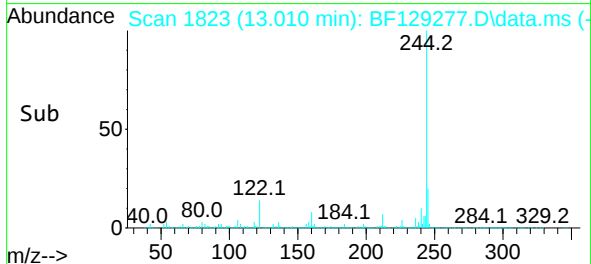
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:244 Resp: 341809
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 13.8 8.8 13.2

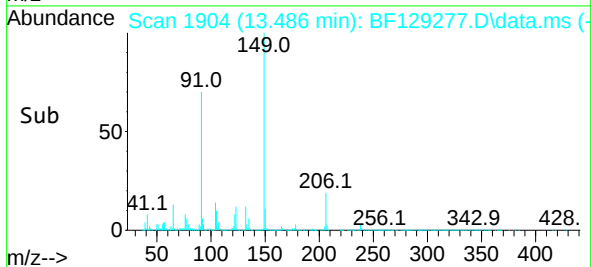
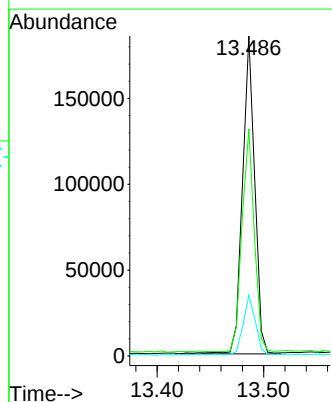
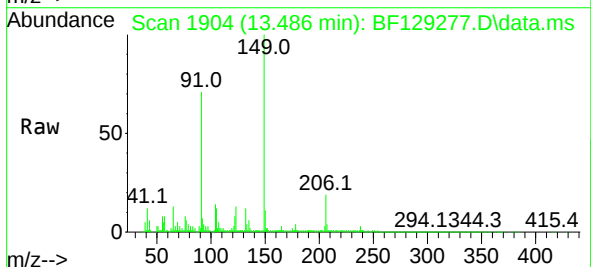
Manual Integrations
APPROVED

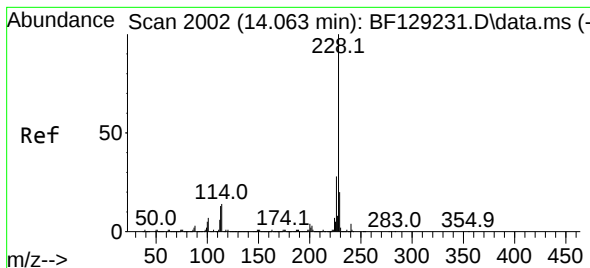
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#80
Butylbenzylphthalate
Concen: 8.257 ng
RT: 13.486 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion:149 Resp: 148292
Ion Ratio Lower Upper
149 100
91 70.9 61.2 91.8
206 18.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 11.149 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

Tgt Ion:228 Resp: 350070

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

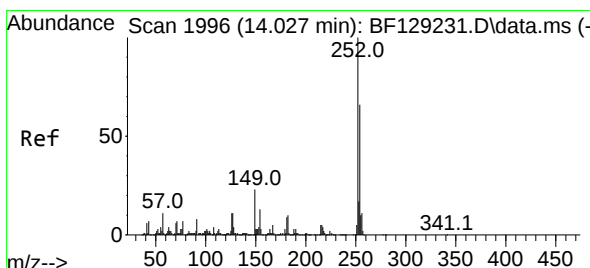
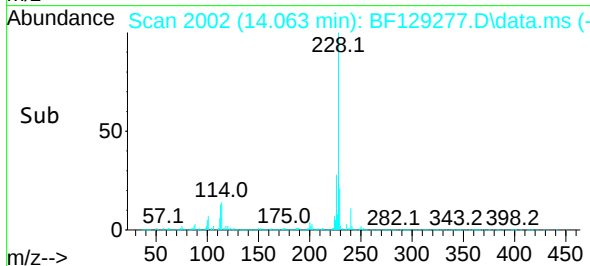
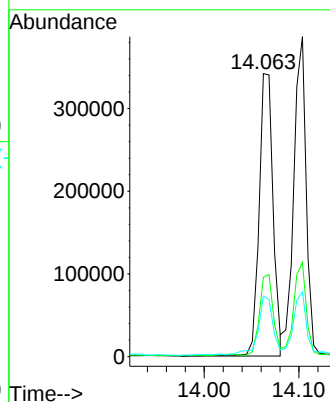
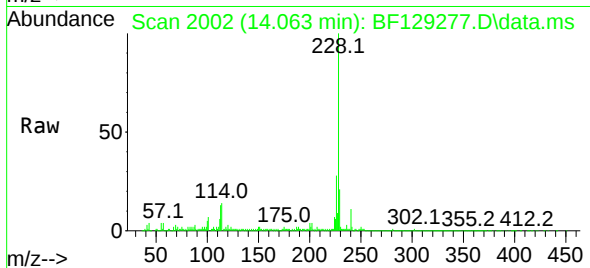
229 21.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#82

3,3'-Dichlorobenzidine

Concen: 11.292 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

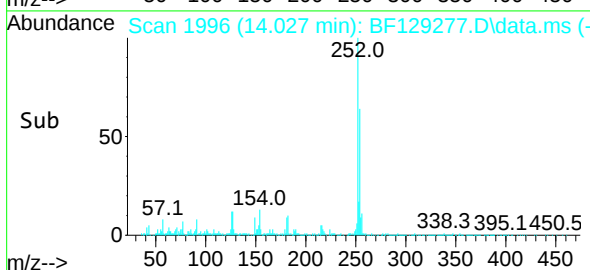
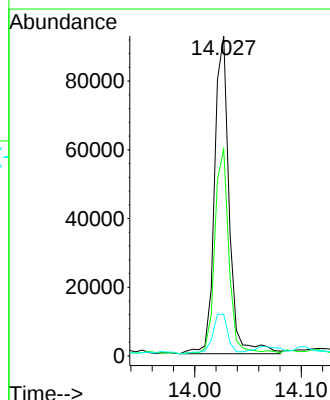
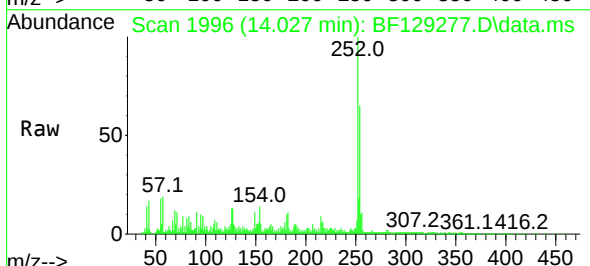
Tgt Ion:252 Resp: 88701

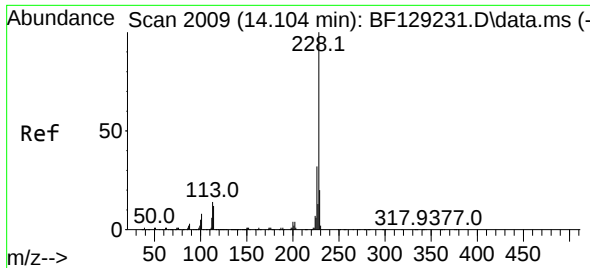
Ion Ratio Lower Upper

252 100

254 64.7 50.2 75.4

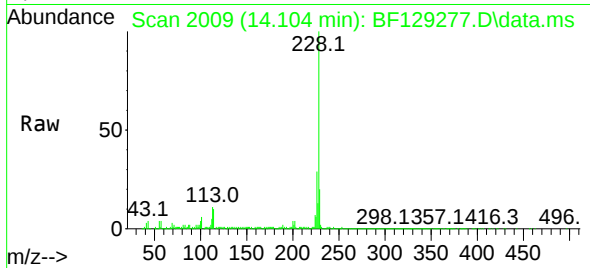
126 13.1 8.2 12.4





#83
Chrysene
Concen: 11.601 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

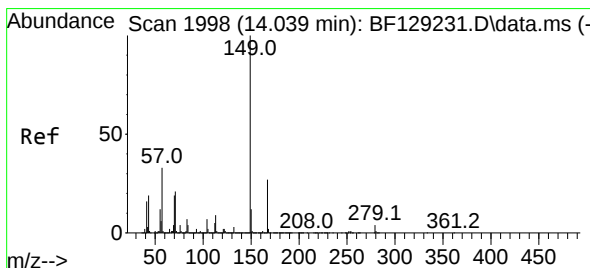
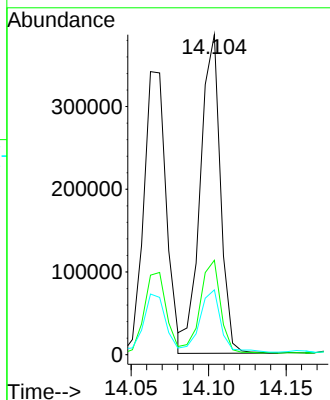
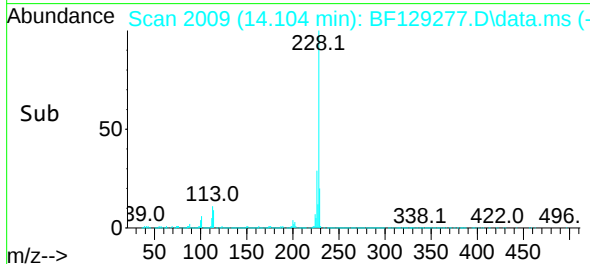
Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD



Tgt Ion:228 Resp: 34771
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 20.3 15.9 23.9

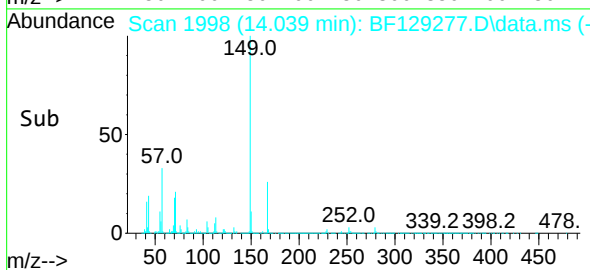
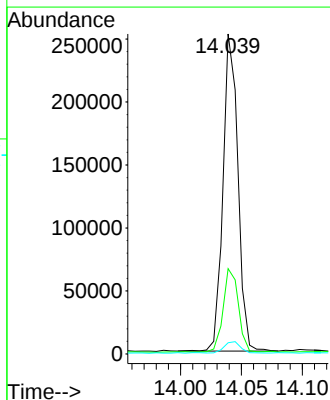
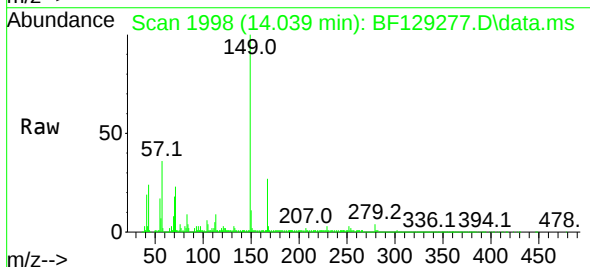
Manual Integrations
APPROVED

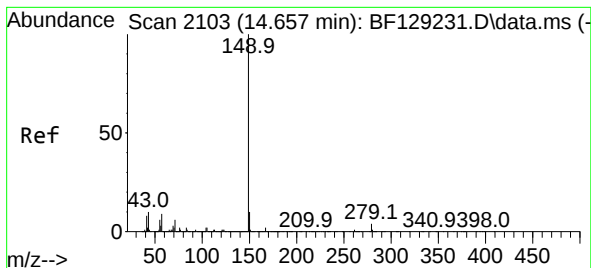
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.010 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion:149 Resp: 215325
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 3.5 3.1 4.7





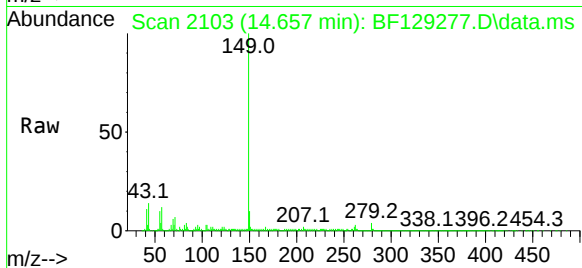
#85
Di-n-octyl phthalate
Concen: 10.463 ng
RT: 14.657 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

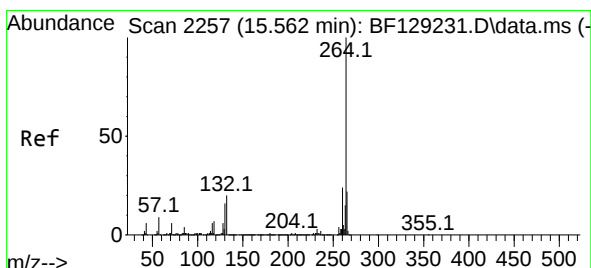
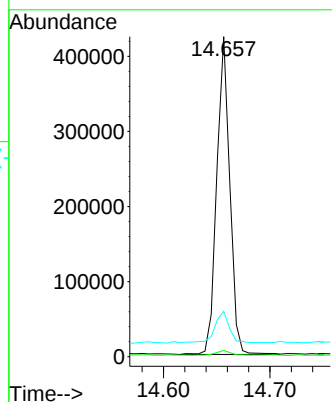
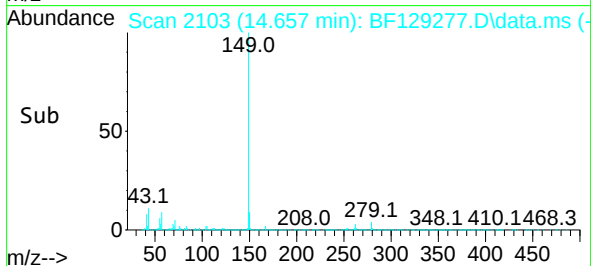


Tgt Ion:149 Resp: 358638
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.8 9.2 13.8

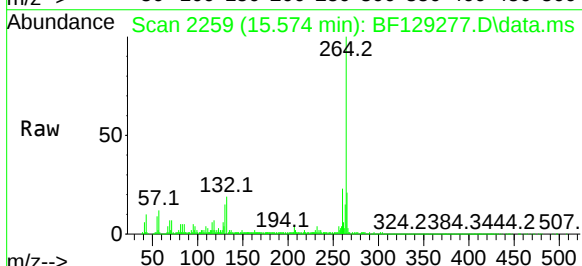
Manual Integrations

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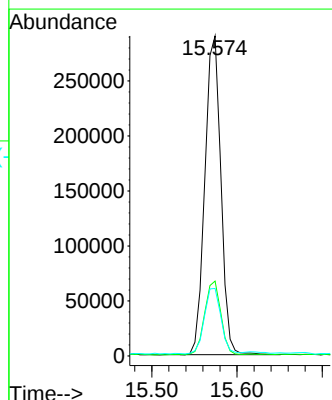
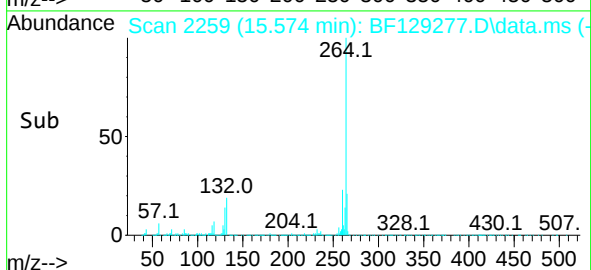
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

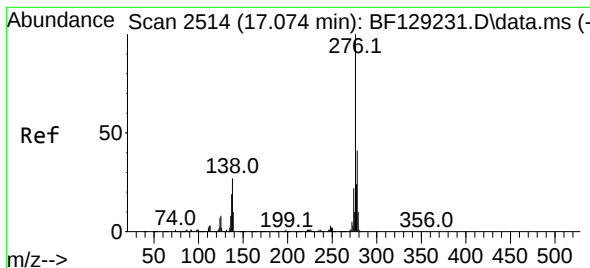


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. 0.012 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17



Tgt Ion:264 Resp: 378244
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.817 ng

RT: 17.086 min Scan# 2183

Delta R.T. 0.012 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

Tgt Ion:276 Resp: 207964

Ion Ratio Lower Upper

276 100

138 27.7 21.1 31.7

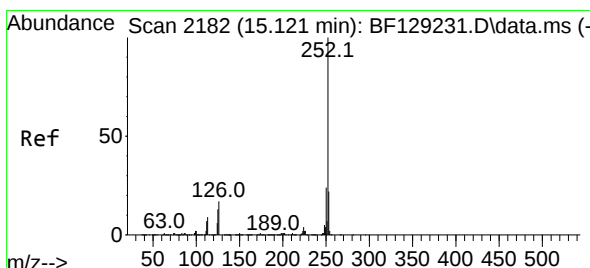
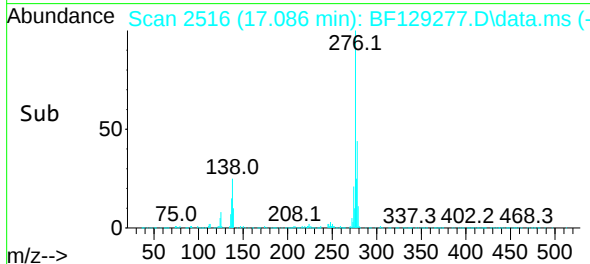
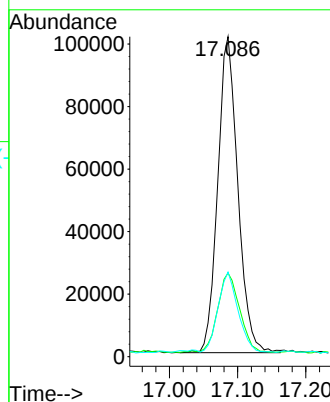
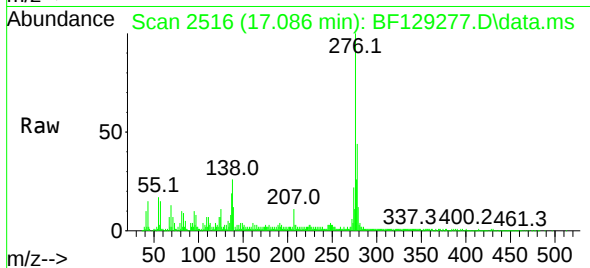
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#88

Benzo(b)fluoranthene

Concen: 13.951 ng

RT: 15.127 min Scan# 2183

Delta R.T. 0.006 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

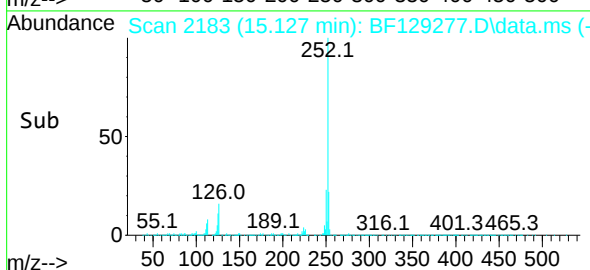
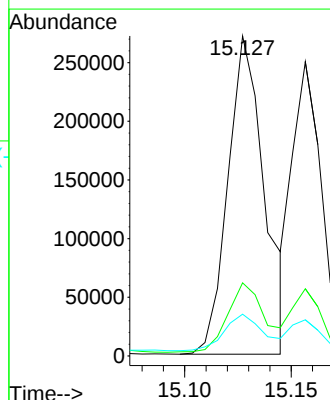
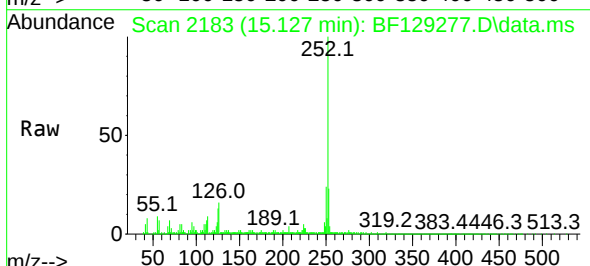
Tgt Ion:252 Resp: 324174

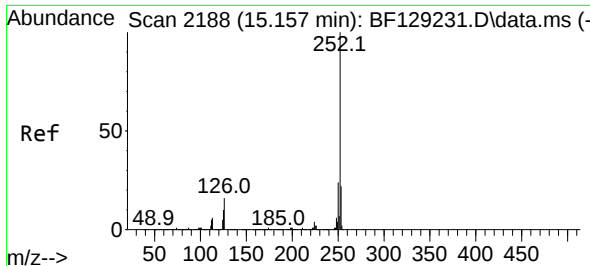
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 13.0 8.0 12.0#





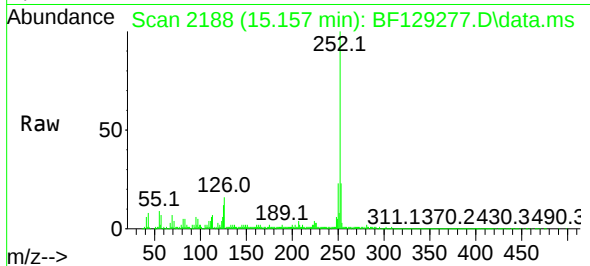
#89
Benzo(k)fluoranthene
Concen: 10.619 ng
RT: 15.157 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

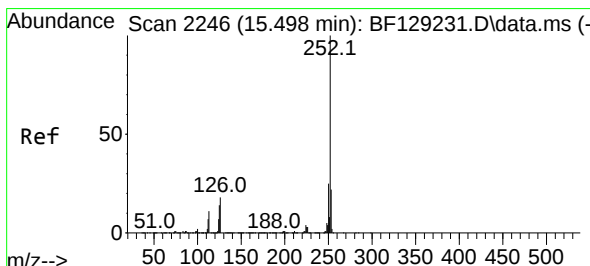
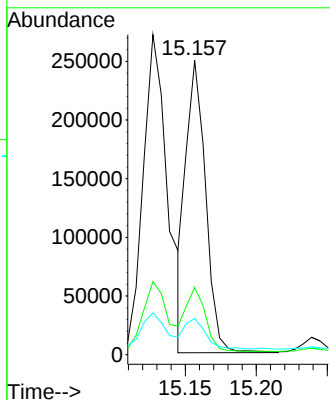
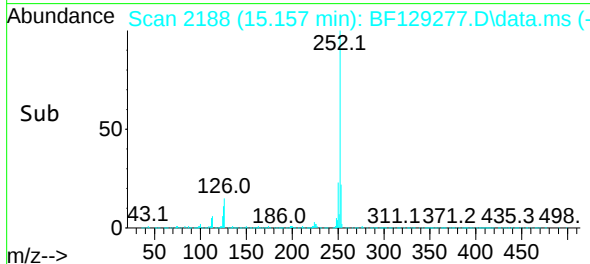


Tgt Ion:252 Resp: 24108
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.3 8.3 12.5

Manual Integrations

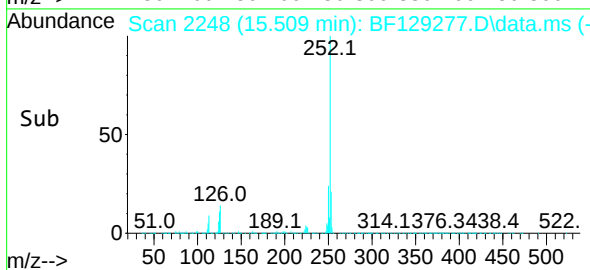
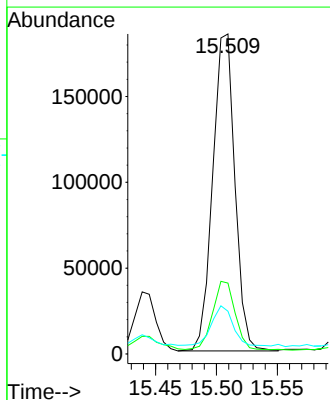
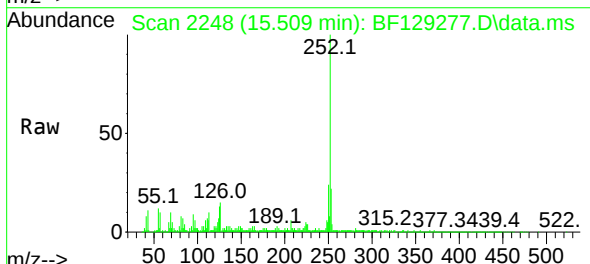
APPROVED

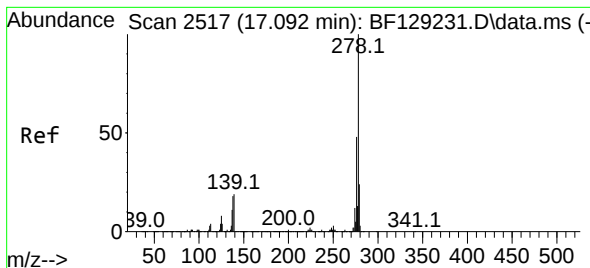
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#90
Benzo(a)pyrene
Concen: 12.401 ng
RT: 15.509 min Scan# 2248
Delta R.T. 0.012 min
Lab File: BF129277.D
Acq: 18 Jul 2022 20:17

Tgt Ion:252 Resp: 234593
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.4 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 8.487 ng

RT: 17.098 min Scan# 2517

Delta R.T. 0.006 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Instrument :

BNA_F

ClientSampleId :

OK-01-071522MSD

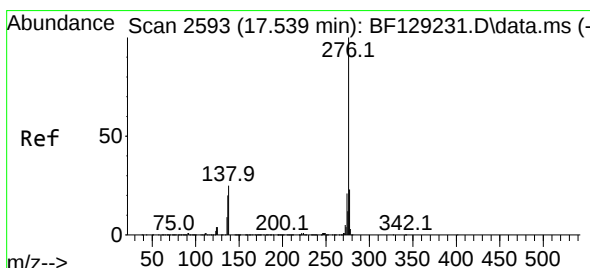
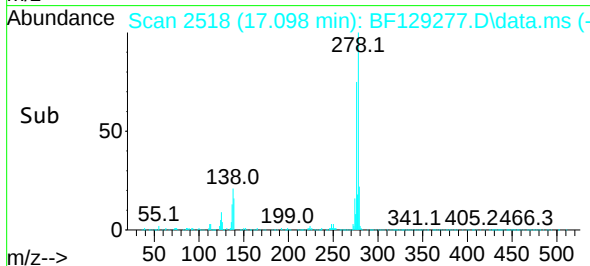
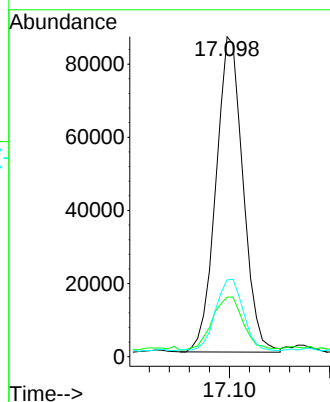
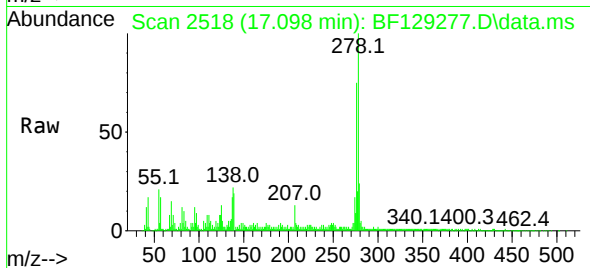
Tgt Ion:	278	Resp:	16191
Ion Ratio	Lower	Upper	
278	100		
139	18.6	12.8	19.2
279	24.0	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#92

Benzo(g,h,i)perylene

Concen: 9.292 ng

RT: 17.545 min Scan# 2594

Delta R.T. 0.006 min

Lab File: BF129277.D

Acq: 18 Jul 2022 20:17

Tgt Ion:	276	Resp:	181201
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.1	28.7
138	24.9	18.0	27.0

