

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129435.D
 Acq On : 29 Jul 2022 11:17
 Operator : CG\JU
 Sample : PB146473BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146473BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/01/2022
 Supervised By : Jagrut Upadhyay 08/01/2022

Quant Time: Jul 29 18:19:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	226652	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	937683	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	494605	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	805069	20.000	ng	0.01
76) Chrysene-d12	14.074	240	534792	20.000	ng	0.00
86) Perylene-d12	15.562	264	411261	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1774894	127.566	ng	0.03
7) Phenol-d6	6.534	99	2213864	126.589	ng	0.02
23) Nitrobenzene-d5	7.457	82	1484567	86.426	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	601137	126.415	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	2478666	77.524	ng	0.00
79) Terphenyl-d14	13.010	244	2627136	92.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	209032	33.298	ng	90
3) Pyridine	3.557	79	535882	30.739	ng	93
4) n-Nitrosodimethylamine	3.504	42	354266	46.277	ng	90
6) Aniline	6.557	93	774221	35.611	ng	98
8) 2-Chlorophenol	6.681	128	758173	49.877	ng	95
9) Benzaldehyde	6.439	77	193580	16.299	ng	99
10) Phenol	6.545	94	867772m	46.595	ng	
11) bis(2-Chloroethyl)ether	6.622	93	714170	48.354	ng	94
12) 1,3-Dichlorobenzene	6.828	146	751332	46.086	ng	100
13) 1,4-Dichlorobenzene	6.904	146	755634	45.574	ng	99
14) 1,2-Dichlorobenzene	7.057	146	723534	47.476	ng	97
15) Benzyl Alcohol	7.039	79	634636	50.036	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	958657	43.180	ng	87
17) 2-Methylphenol	7.151	107	588038	46.631	ng	# 93
18) Hexachloroethane	7.398	117	292219	46.807	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	498547	47.089	ng	92
20) 3+4-Methylphenols	7.304	107	689733	43.017	ng	# 86
22) Acetophenone	7.298	105	973054	44.572	ng	# 93
24) Nitrobenzene	7.475	77	776061	43.874	ng	98
25) Isophorone	7.716	82	1407757	45.721	ng	97
26) 2-Nitrophenol	7.792	139	403757	46.269	ng	90
27) 2,4-Dimethylphenol	7.828	122	686977m	52.483	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	855929	47.920	ng	98
29) 2,4-Dichlorophenol	8.033	162	599296	44.359	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	619690	44.314	ng	97
31) Naphthalene	8.198	128	2043575	42.896	ng	99
32) Benzoic acid	7.969	122	308417	32.593	ng	100
33) 4-Chloroaniline	8.245	127	591925	30.264	ng	97
34) Hexachlorobutadiene	8.304	225	359913	45.278	ng	100
35) Caprolactam	8.639	113	193900m	44.145	ng	
36) 4-Chloro-3-methylphenol	8.739	107	652834	45.560	ng	93
37) 2-Methylnaphthalene	8.886	142	1330662	42.981	ng	99
38) 1-Methylnaphthalene	8.986	142	1269057	42.463	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	575814	44.337	ng	98
41) Hexachlorocyclopentadiene	9.033	237	595781	103.021	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	403598	42.787	ng	97

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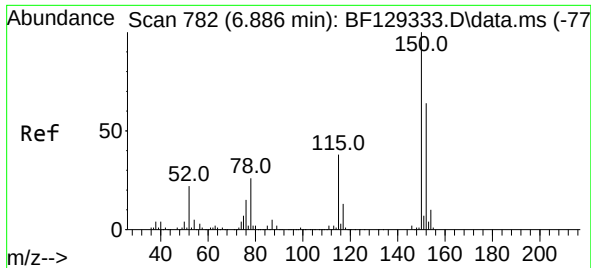
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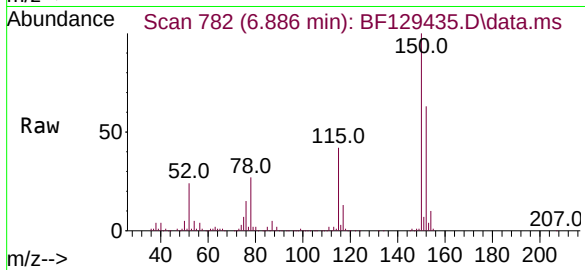
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	418110	40.760	ng	# 95
46) 1,1'-Biphenyl	9.351	154	1552496	43.010	ng	99
47) 2-Chloronaphthalene	9.380	162	1259726	43.170	ng	100
48) 2-Nitroaniline	9.480	65	411190	42.377	ng	91
49) Acenaphthylene	9.798	152	1942062	43.800	ng	100
50) Dimethylphthalate	9.657	163	1463230	42.855	ng	100
51) 2,6-Dinitrotoluene	9.722	165	334302	43.745	ng	93
52) Acenaphthene	9.969	154	1339513m	46.254	ng	
53) 3-Nitroaniline	9.898	138	282758	31.334	ng	# 87
54) 2,4-Dinitrophenol	10.004	184	333653	85.524	ng	96
55) Dibenzofuran	10.145	168	1686656	42.249	ng	98
56) 4-Nitrophenol	10.075	139	500656	75.201	ng	98
57) 2,4-Dinitrotoluene	10.133	165	432512	43.323	ng	96
58) Fluorene	10.486	166	1332329	41.710	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	323685	40.832	ng	93
60) Diethylphthalate	10.357	149	1398519	42.371	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	607031	43.107	ng	93
62) 4-Nitroaniline	10.522	138	355353	39.695	ng	94
63) Azobenzene	10.633	77	1373248	40.791	ng	95
65) 4,6-Dinitro-2-methylph...	10.545	198	219714	43.239	ng	84
66) n-Nitrosodiphenylamine	10.598	169	1173293	43.762	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	395587	44.873	ng	93
68) Hexachlorobenzene	11.033	284	437949	45.848	ng	99
69) Atrazine	11.127	200	362061	44.460	ng	98
70) Pentachlorophenol	11.233	266	404968	77.986	ng	99
71) Phenanthrene	11.451	178	1875894	42.686	ng	100
72) Anthracene	11.504	178	1884429	43.635	ng	100
73) Carbazole	11.663	167	1799078	44.254	ng	100
74) Di-n-butylphthalate	11.974	149	2130967	44.016	ng	99
75) Fluoranthene	12.645	202	1928108	43.301	ng	100
77) Benzidine	12.763	184	536740	28.410	ng	99
78) Pyrene	12.874	202	1963171	43.898	ng	99
80) Butylbenzylphthalate	13.480	149	865566	44.622	ng	98
81) Benzo(a)anthracene	14.062	228	1557915	42.646	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	445843	36.964	ng	# 97
83) Chrysene	14.104	228	1425138	41.393	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1140806	44.672	ng	99
85) Di-n-octyl phthalate	14.651	149	1698750	46.226	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	1290899	46.612	ng	99
88) Benzo(b)fluoranthene	15.127	252	1289069	47.253	ng	100
89) Benzo(k)fluoranthene	15.157	252	1259439	47.111	ng	99
90) Benzo(a)pyrene	15.504	252	1209053	54.596	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	1122989	49.820	ng	99
92) Benzo(g,h,i)perylene	17.556	276	1161031	50.407	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

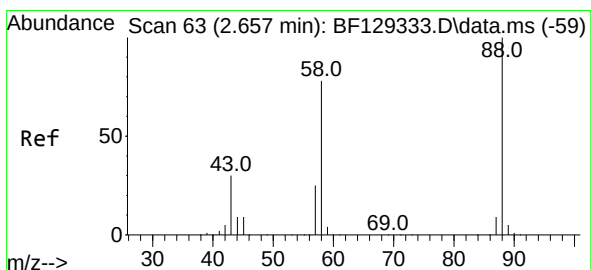
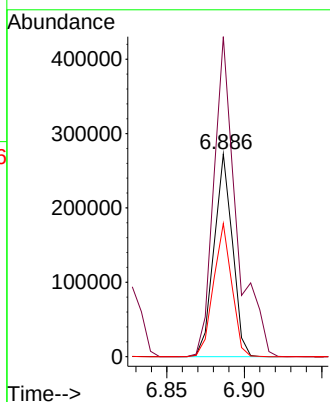
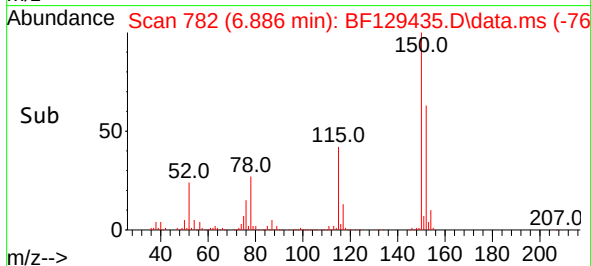
Instrument :
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PB146473BSD



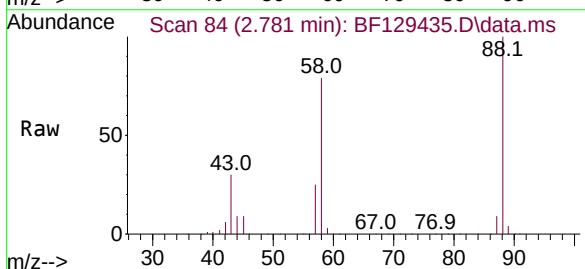
Tgt Ion:152 Resp: 226652
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 65.6 49.9 74.9

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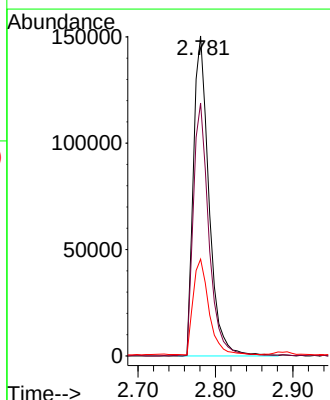
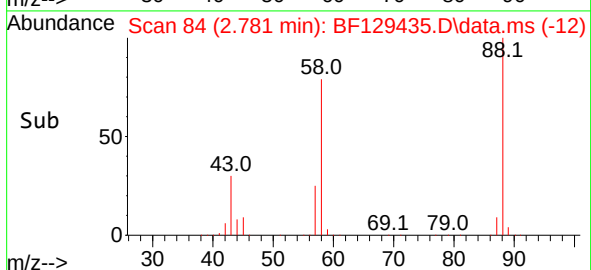
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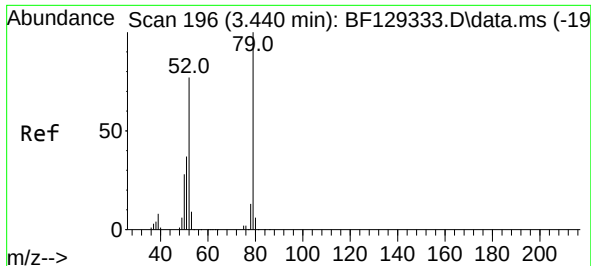


#2
1,4-Dioxane
Concen: 33.298 ng
RT: 2.781 min Scan# 84
Delta R.T. 0.123 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



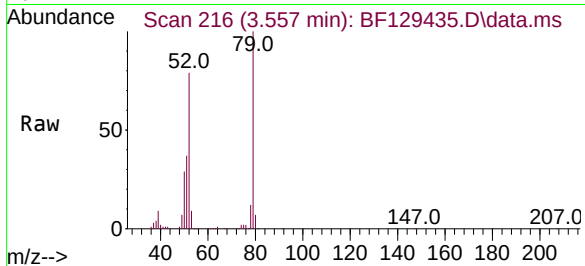
Tgt Ion: 88 Resp: 209032
Ion Ratio Lower Upper
88 100
58 78.9 71.8 107.8
43 30.2 26.6 39.8





#3
Pyridine
Concen: 30.739 ng
RT: 3.557 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

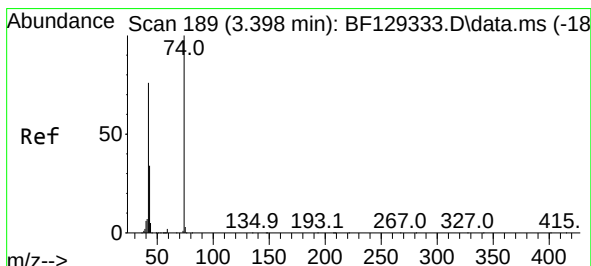
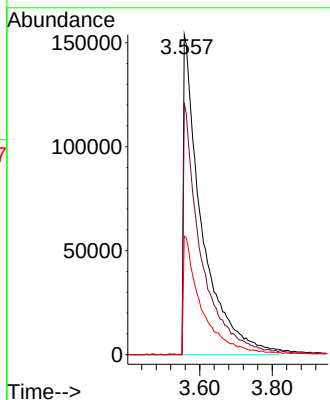
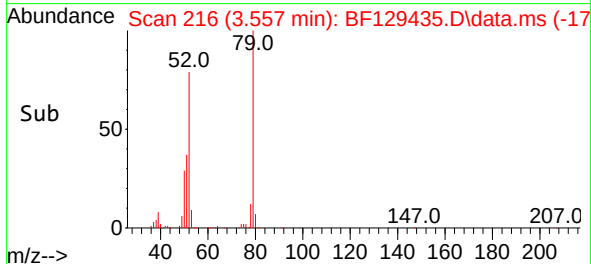
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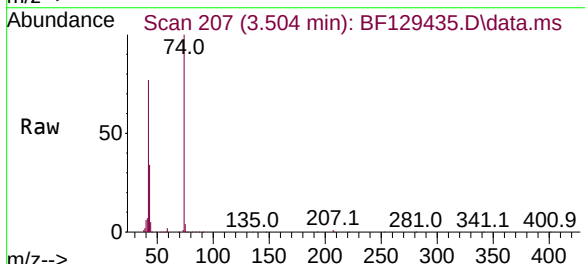
Tgt Ion: 79 Resp: 535882
Ion Ratio Lower Upper
79 100
52 78.7 68.6 102.8
51 37.0 32.9 49.3

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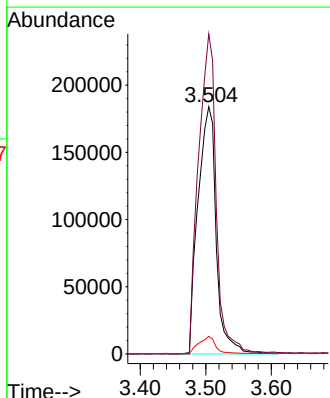
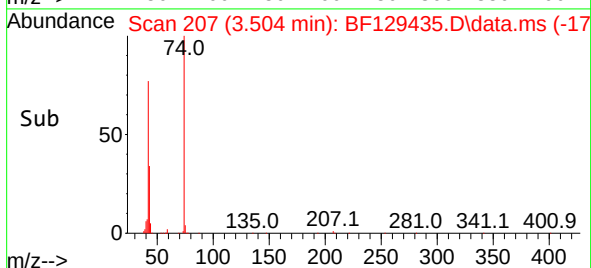
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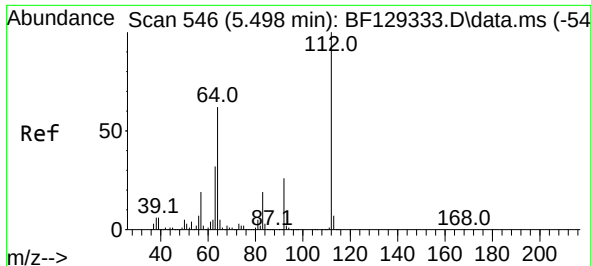


#4
n-Nitrosodimethylamine
Concen: 46.277 ng
RT: 3.504 min Scan# 207
Delta R.T. 0.106 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



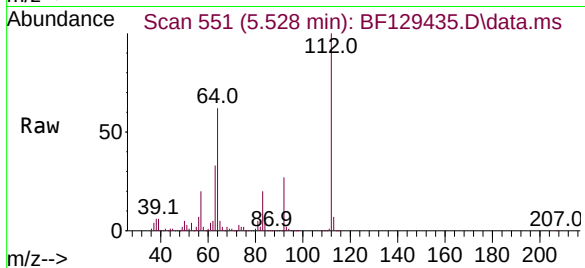
Tgt Ion: 42 Resp: 354266
Ion Ratio Lower Upper
42 100
74 129.5 94.8 142.2
44 7.1 6.6 10.0





#5
2-Fluorophenol
Concen: 127.566 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

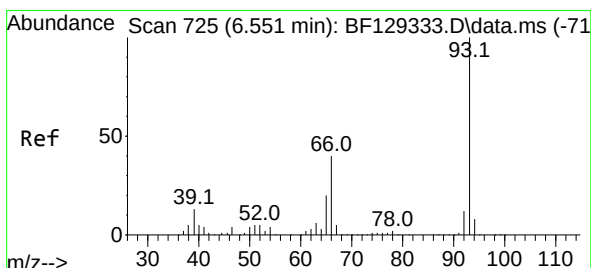
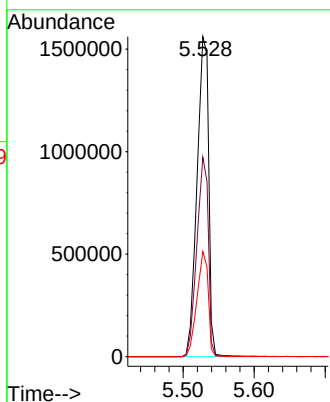
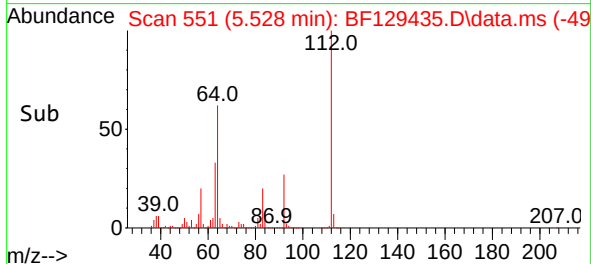
Instrument :
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Tgt Ion:112 Resp: 1774894
Ion Ratio Lower Upper
112 100
64 62.3 53.3 79.9
63 32.8 28.0 42.0

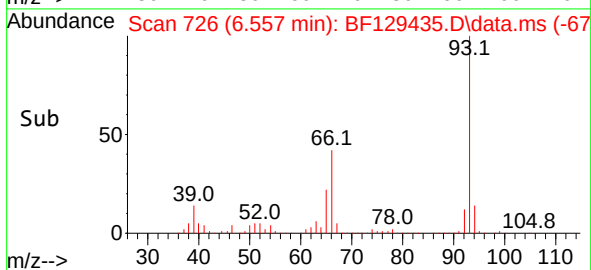
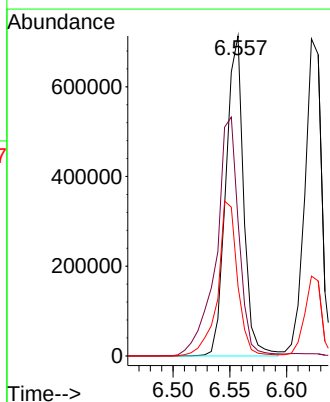
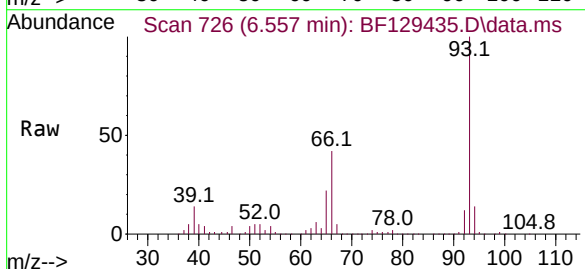
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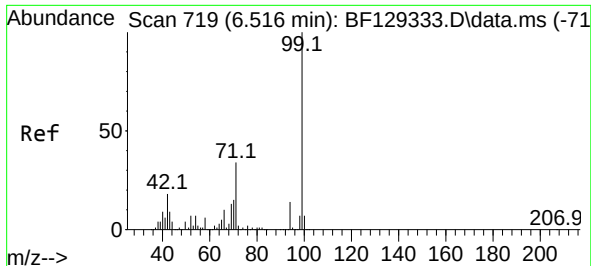
Reviewed By :Christian Giraldo 08/01/2022
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#6
Aniline
Concen: 35.611 ng
RT: 6.557 min Scan# 726
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

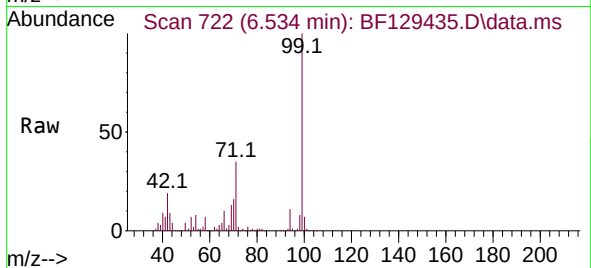
Tgt Ion: 93 Resp: 774221
Ion Ratio Lower Upper
93 100
66 42.1 32.5 48.7
65 21.7 16.4 24.6





#7
Phenol-d6
Concen: 126.589 ng
RT: 6.534 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

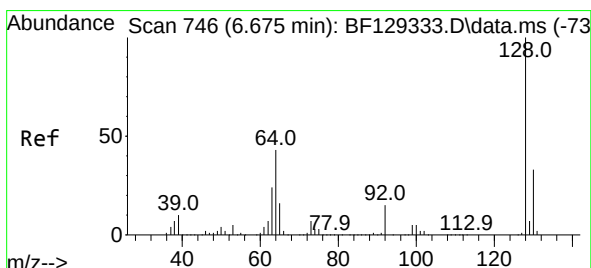
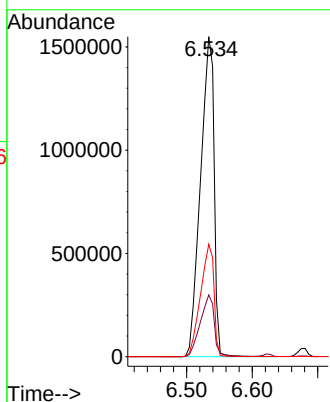
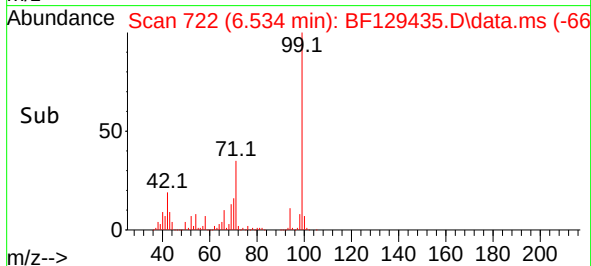
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Tgt Ion: 99 Resp: 2213864
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.1 28.9 43.3

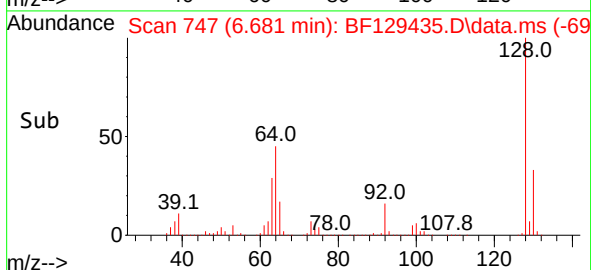
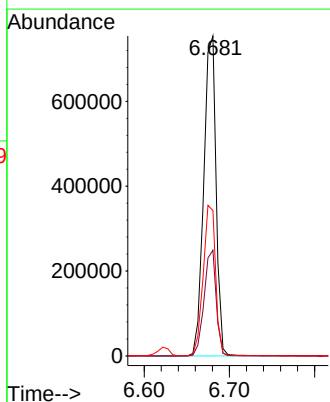
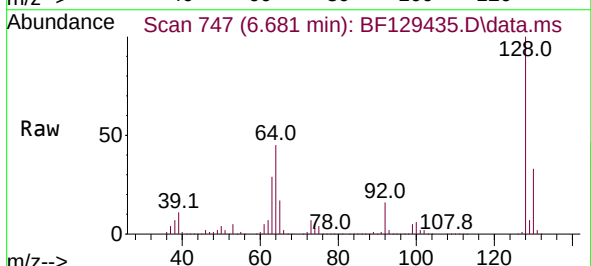
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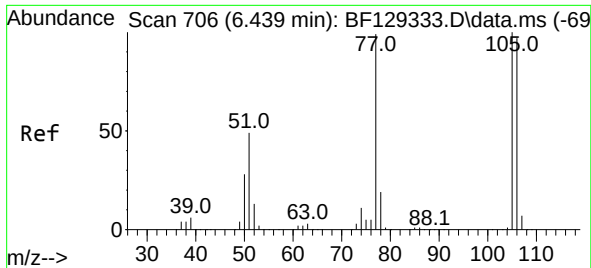
Reviewed By :Christian Giraldo 08/01/2022
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#8
2-Chlorophenol
Concen: 49.877 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

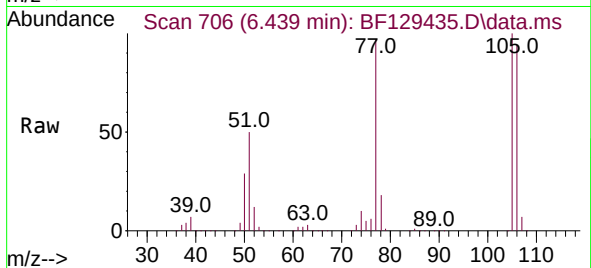
Tgt Ion:128 Resp: 758173
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 45.4 30.9 70.9





#9
Benzaldehyde
Concen: 16.299 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

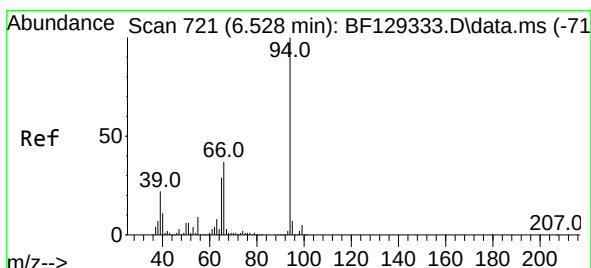
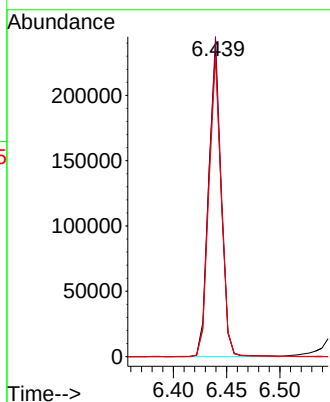
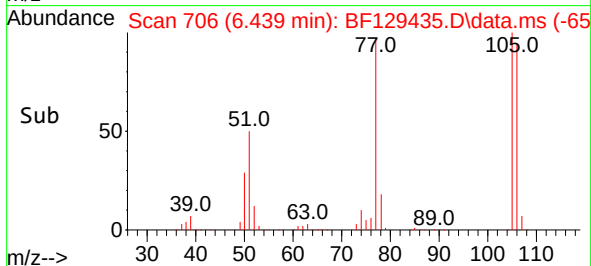
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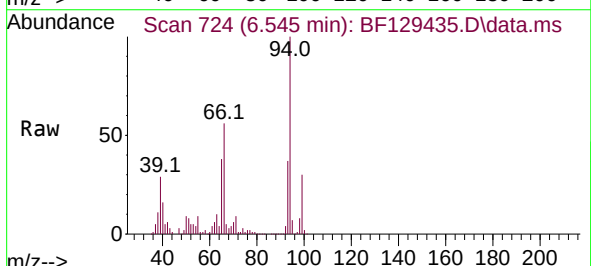
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Ion Ratio Lower Upper
77 100
105 103.5 81.6 121.6
106 97.0 76.1 116.1

Manual Integrations
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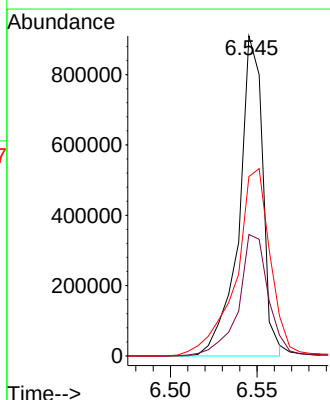
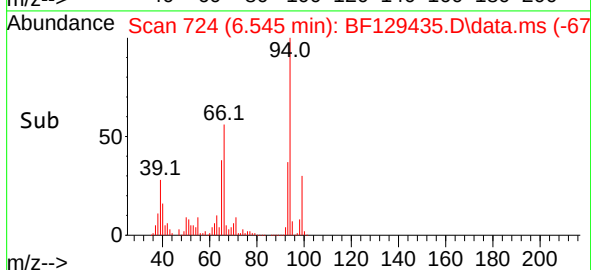
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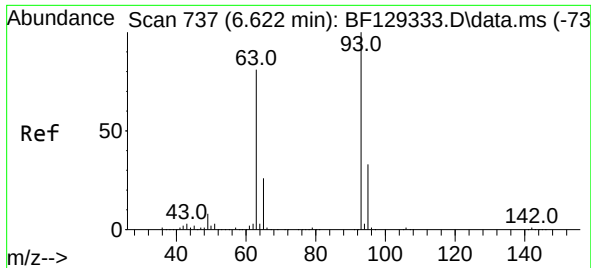


#10
Phenol
Concen: 46.595 ng m
RT: 6.545 min Scan# 724
Delta R.T. 0.018 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



Tgt Ion: 94 Resp: 867772
Ion Ratio Lower Upper
94 100
65 37.9 11.4 51.4
66 56.0 21.4 61.4





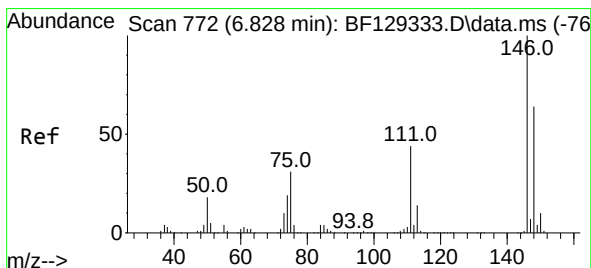
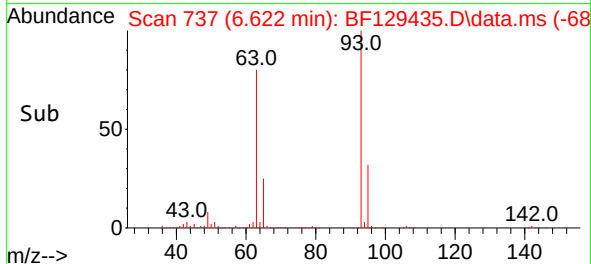
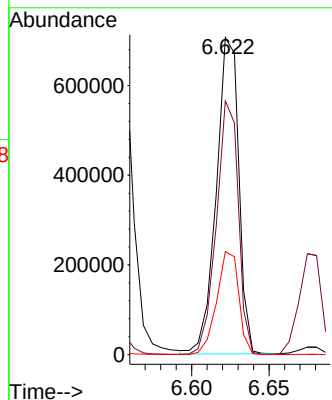
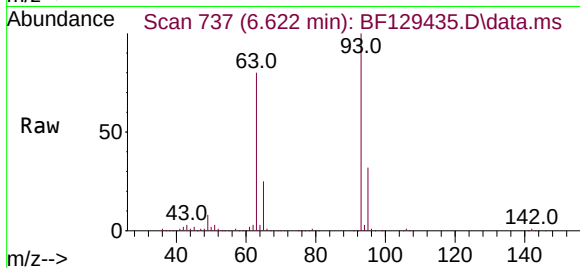
#11
bis(2-Chloroethyl)ether
Concen: 48.354 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Instrument :
BNA_F
ClientSampleId :
PB146473BSD

Tgt Ion: 93 Resp: 714176
Ion Ratio Lower Upper
93 100
63 80.0 67.4 107.4
95 32.5 12.7 52.7

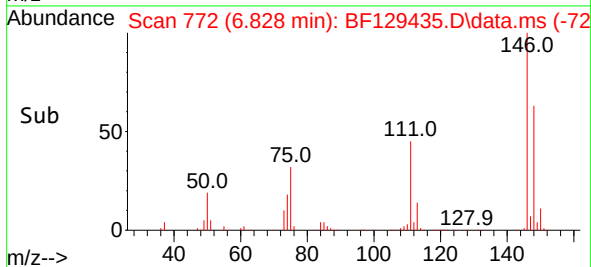
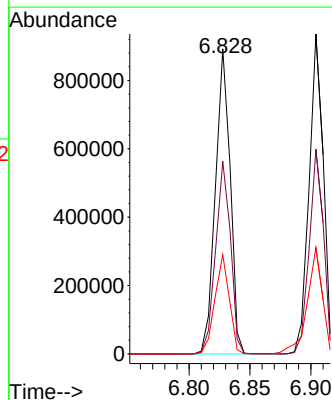
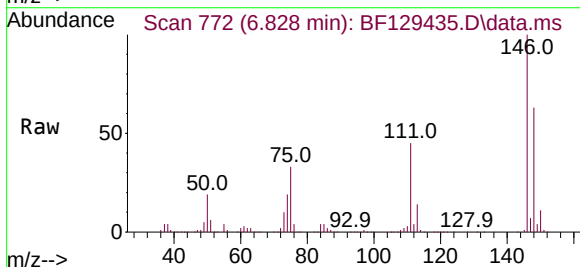
Manual Integrations
APPROVED

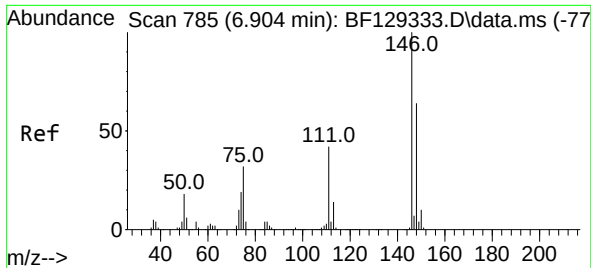
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#12
1,3-Dichlorobenzene
Concen: 46.086 ng
RT: 6.828 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Tgt Ion:146 Resp: 751332
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 32.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 45.574 ng

RT: 6.904 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

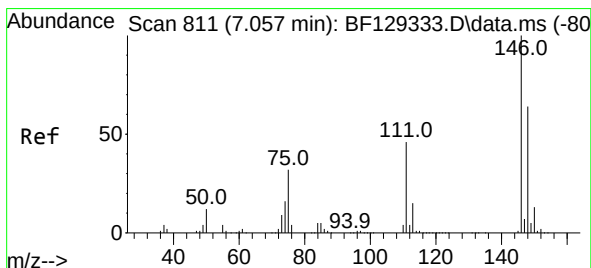
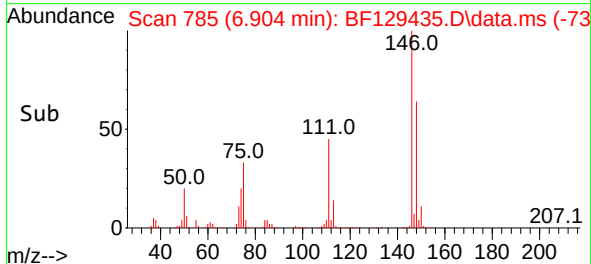
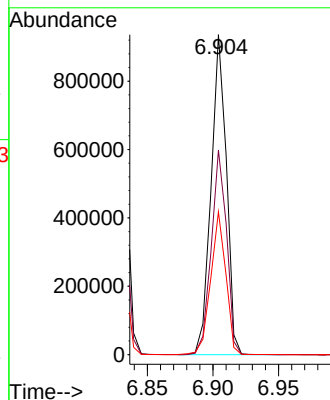
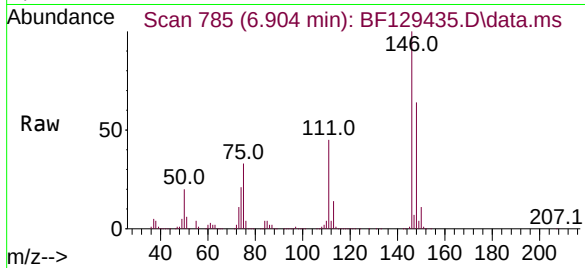
PB146473BSD

Tgt Ion:146 Resp: 755634
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 44.6 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#14

1,2-Dichlorobenzene

Concen: 47.476 ng

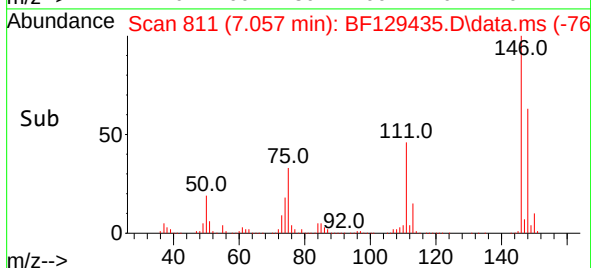
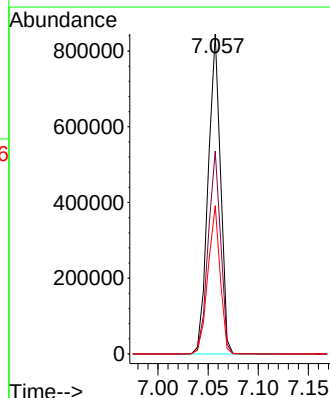
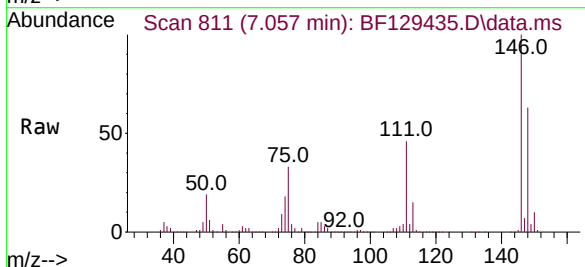
RT: 7.057 min Scan# 811

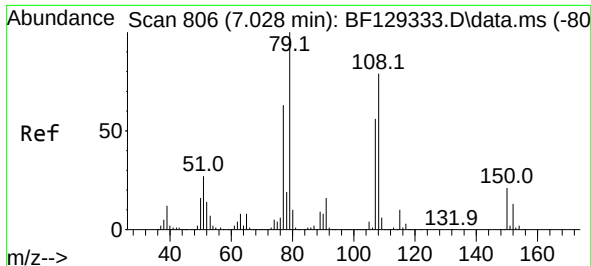
Delta R.T. -0.000 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

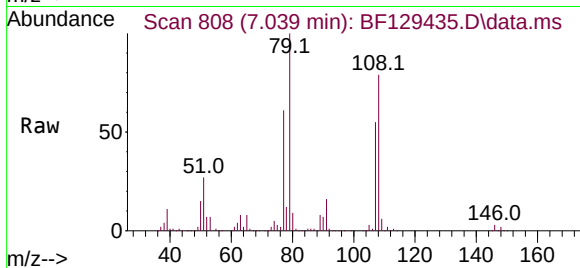
Tgt Ion:146 Resp: 723534
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 111 46.3 35.1 52.7





#15
Benzyl Alcohol
Concen: 50.036 ng
RT: 7.039 min Scan# 808
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

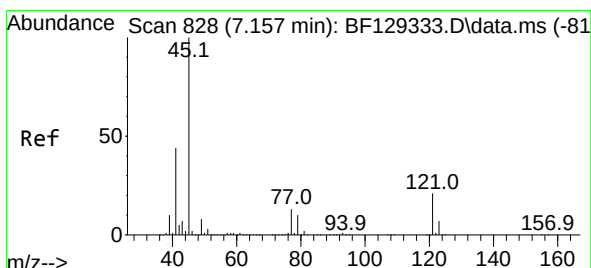
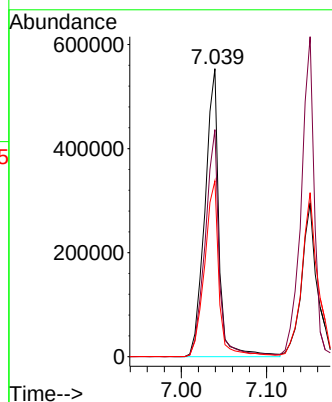
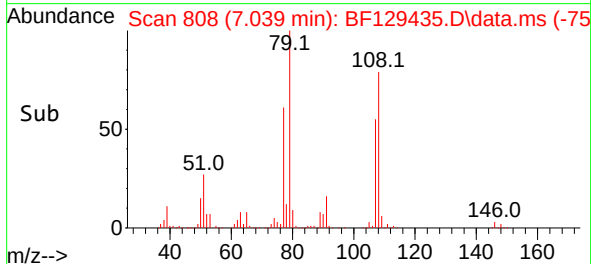
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion: 79 Resp: 634636
Ion Ratio Lower Upper
79 100
108 78.9 61.8 92.6
77 61.0 50.2 75.4

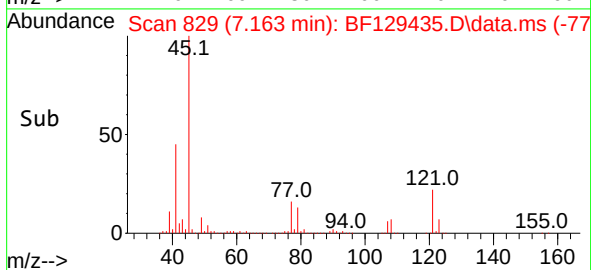
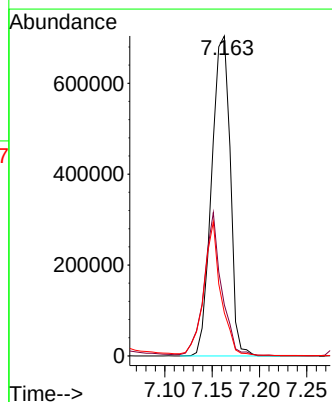
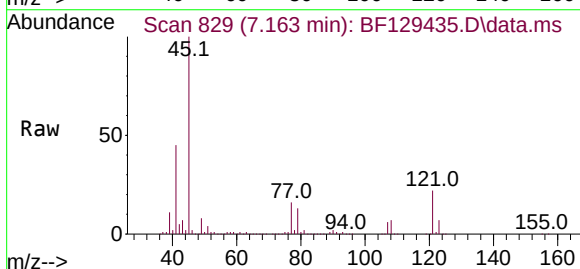
Manual Integrations
APPROVED

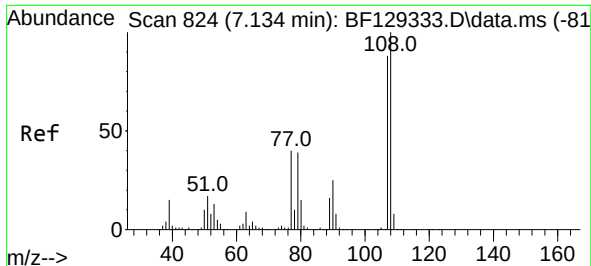
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.180 ng
RT: 7.163 min Scan# 829
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Tgt Ion: 45 Resp: 958657
Ion Ratio Lower Upper
45 100
77 15.9 0.0 31.3
79 13.4 0.0 28.3





#17

2-Methylphenol

Concen: 46.631 ng

RT: 7.151 min Scan# 81

Delta R.T. 0.018 min

Lab File: BF129435.D

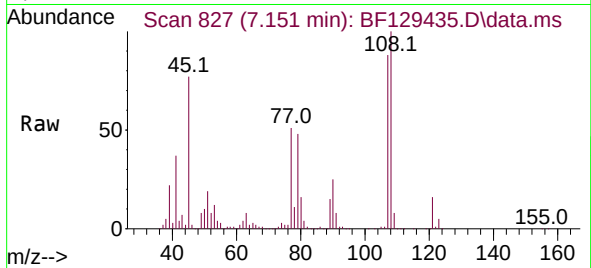
Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD



Tgt Ion:107 Resp: 588038

Ion Ratio Lower Upper

107 100

108 113.4 91.9 137.9

77 58.1 37.8 56.8

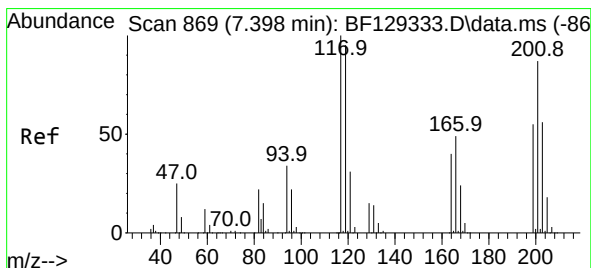
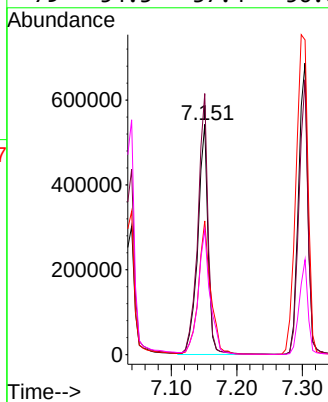
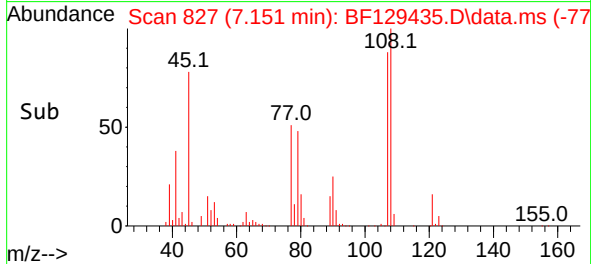
79 54.3 37.4 56.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#18

Hexachloroethane

Concen: 46.807 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

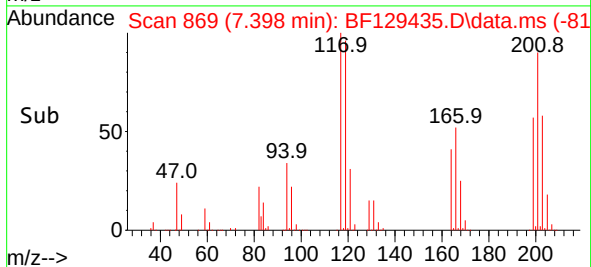
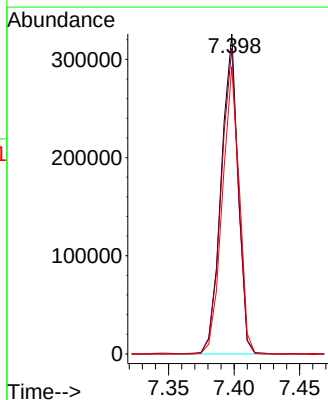
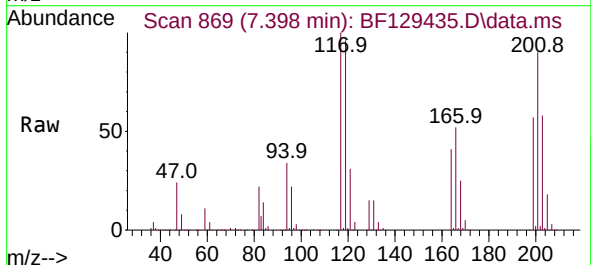
Tgt Ion:117 Resp: 292219

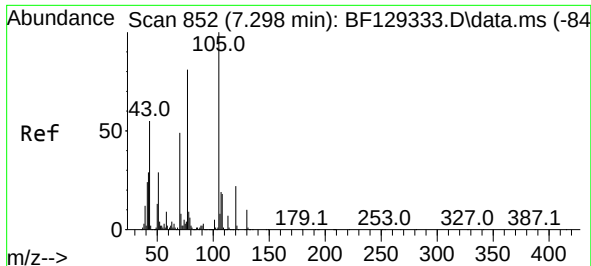
Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2

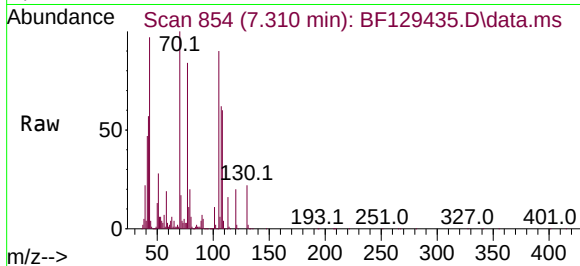
201 89.8 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.089 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

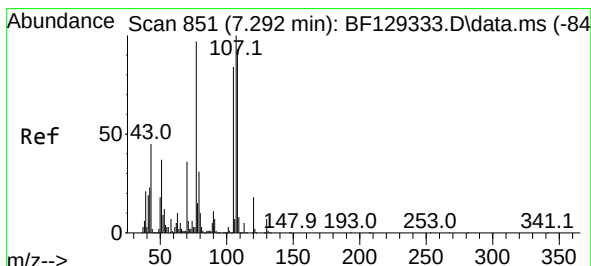
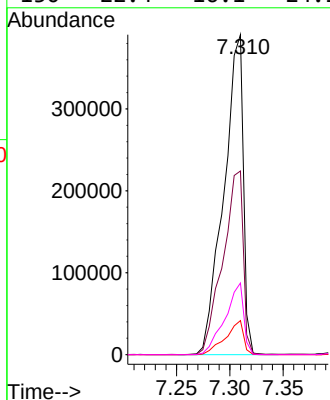
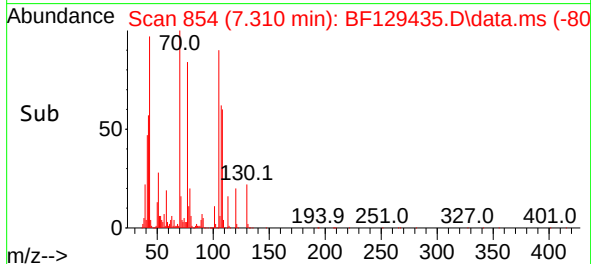
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



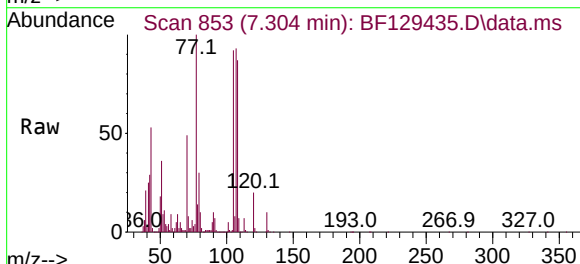
Tgt Ion: 70 Resp: 498547
Ion Ratio Lower Upper
70 100
42 57.4 52.3 78.5
101 10.6 7.5 11.3
130 22.4 16.1 24.1

Manual Integrations
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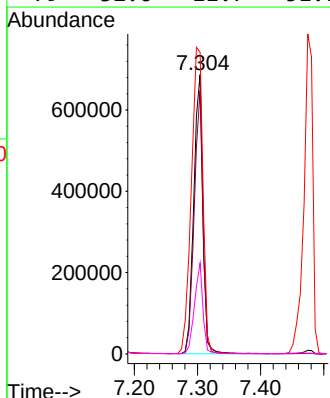
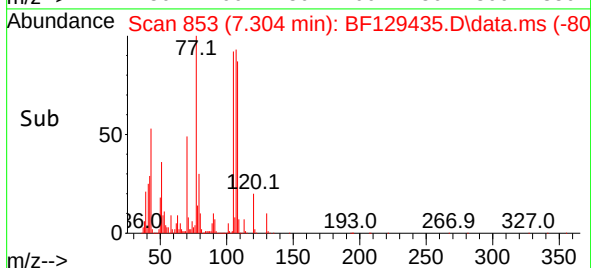
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

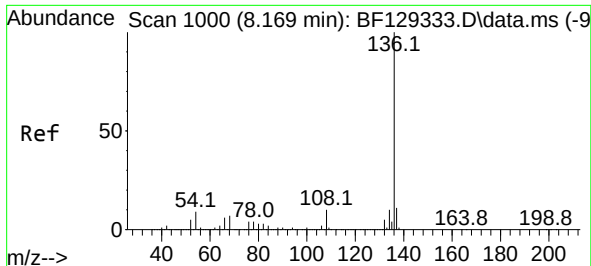


#20
3+4-Methylphenols
Concen: 43.017 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



Tgt Ion:107 Resp: 689733
Ion Ratio Lower Upper
107 100
108 94.3 71.8 111.8
77 107.9 59.3 99.3#
79 32.6 11.7 51.7





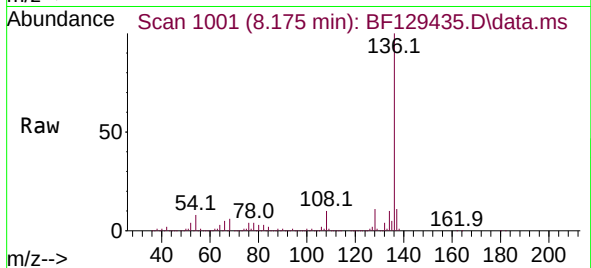
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

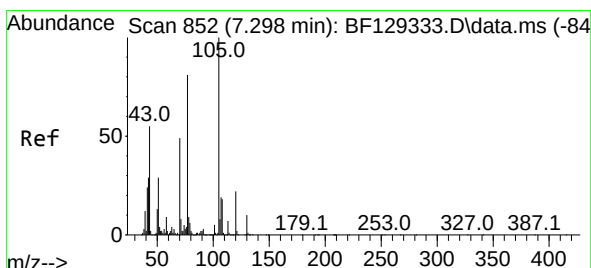
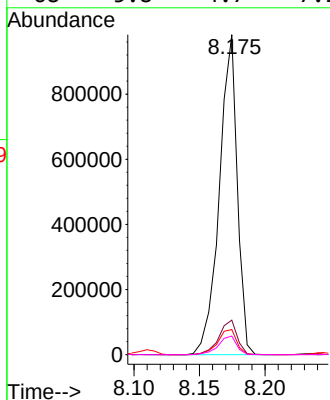
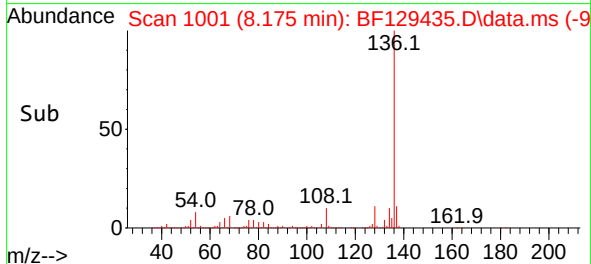


Tgt Ion:136 Resp: 937683
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 7.5 11.3
68 5.8 4.7 7.1

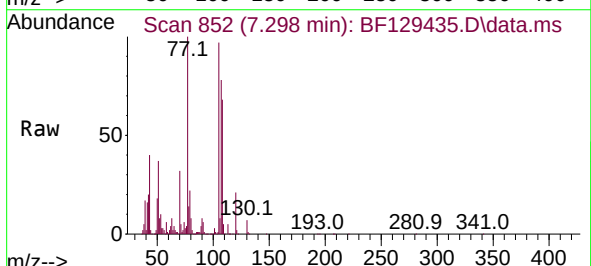
Manual Integrations

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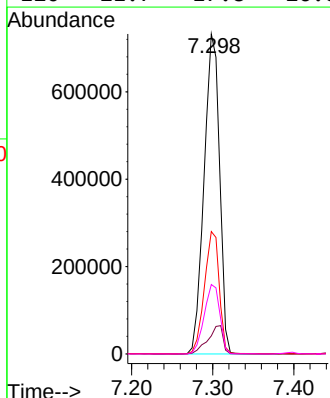
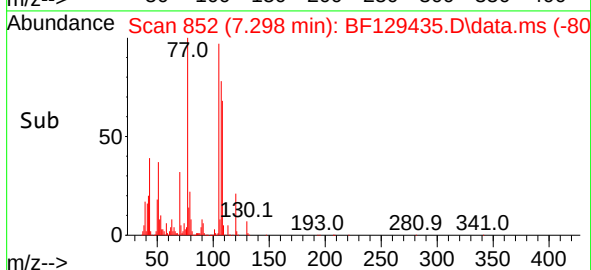
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

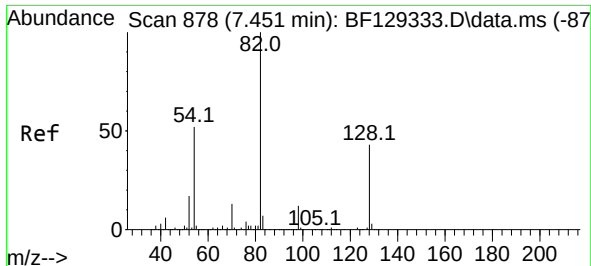


#22
Acetophenone
Concen: 44.572 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



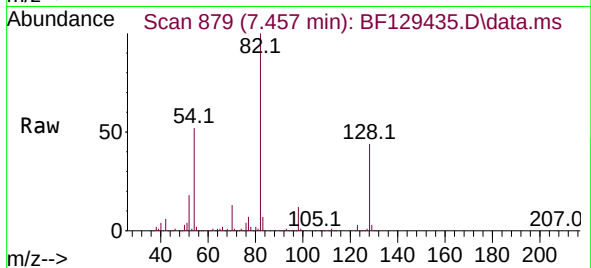
Tgt Ion:105 Resp: 973054
Ion Ratio Lower Upper
105 100
71 5.6 5.0 7.4
51 38.2 25.0 37.4#
120 21.7 17.8 26.8





#23
Nitrobenzene-d5
Concen: 86.426 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

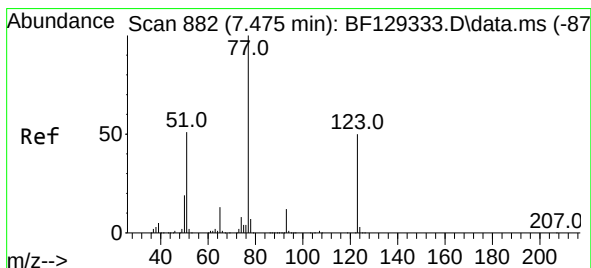
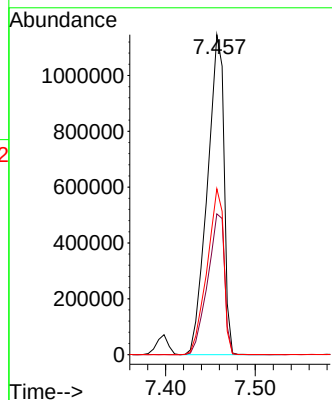
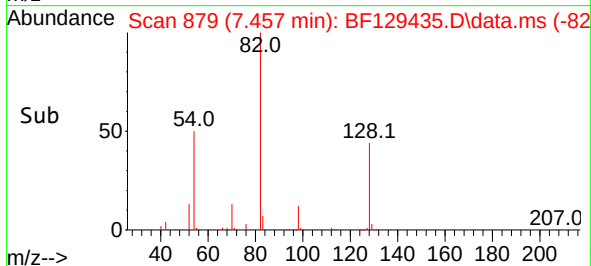
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion: 82 Resp: 148456
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 51.8 46.9 70.3

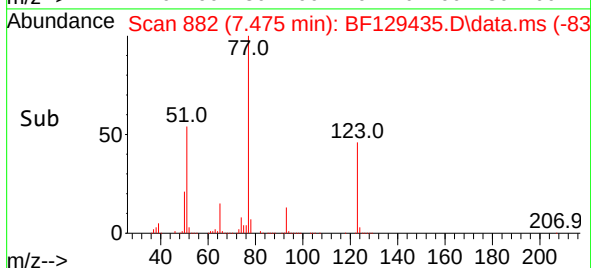
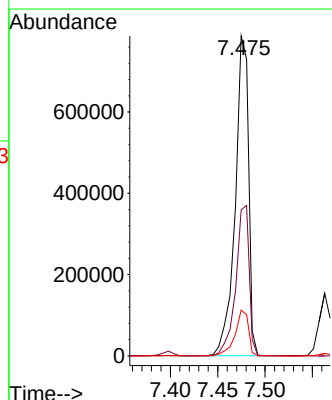
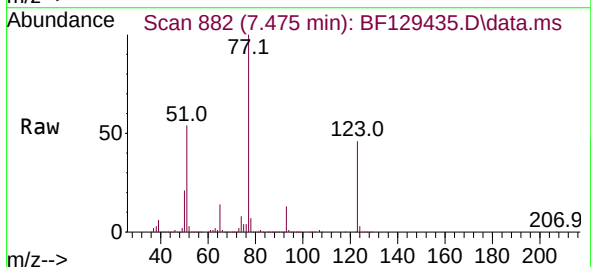
Manual Integrations
APPROVED

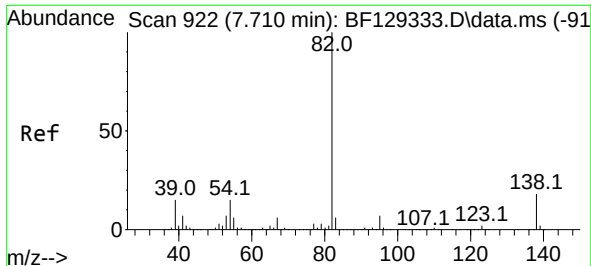
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#24
Nitrobenzene
Concen: 43.874 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

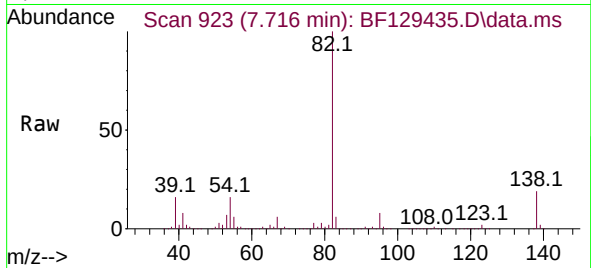
Tgt Ion: 77 Resp: 776061
Ion Ratio Lower Upper
77 100
123 45.6 35.4 53.2
65 14.3 11.8 17.8





#25
Isophorone
Concen: 45.721 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

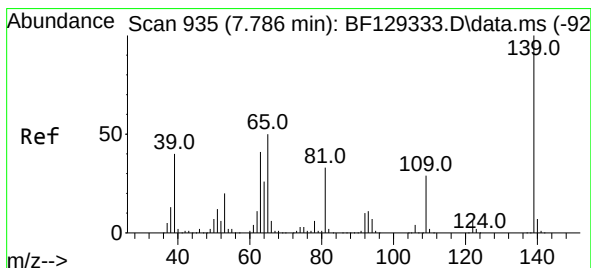
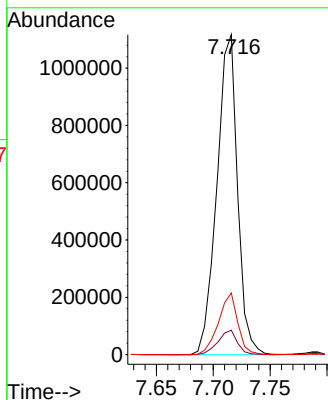
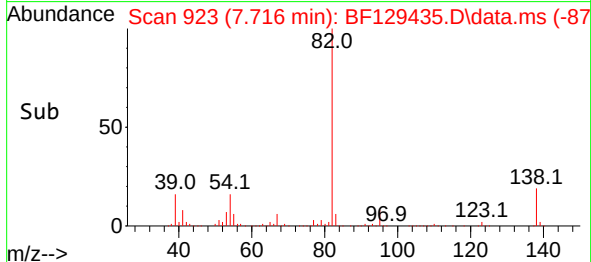
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



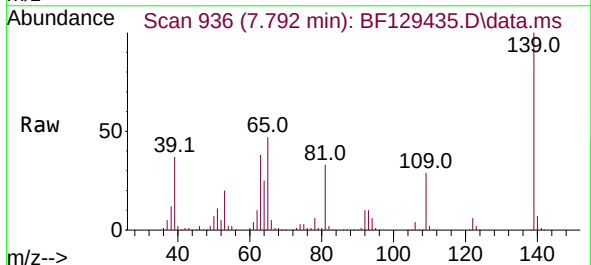
Tgt Ion: 82 Resp: 140775
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 19.3 14.2 21.2

Manual Integrations
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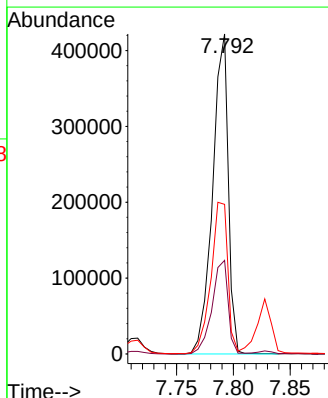
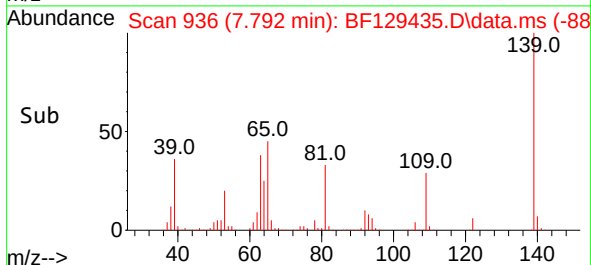
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

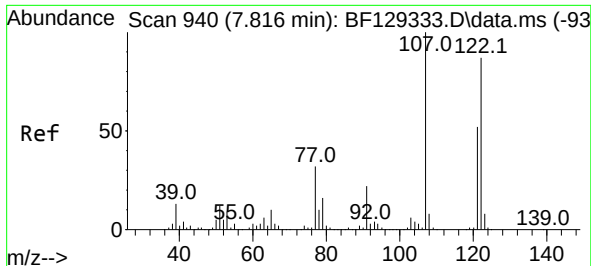


#26
2-Nitrophenol
Concen: 46.269 ng
RT: 7.792 min Scan# 936
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



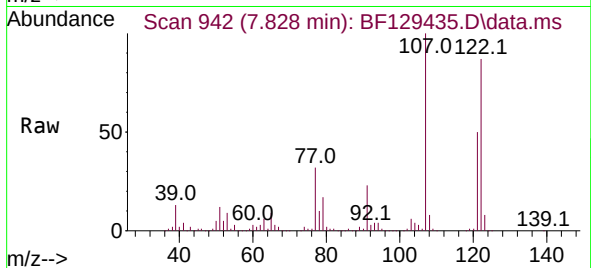
Tgt Ion:139 Resp: 403757
Ion Ratio Lower Upper
139 100
109 29.2 25.0 37.4
65 46.7 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 52.483 ng m
RT: 7.828 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

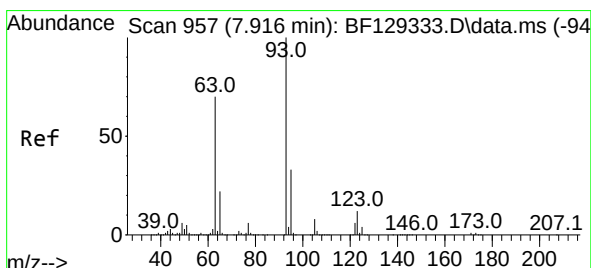
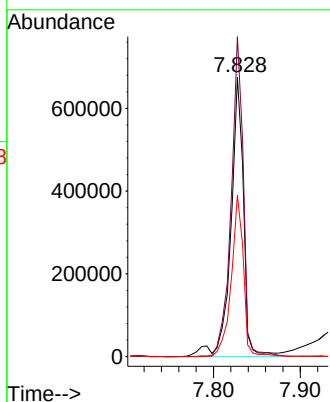
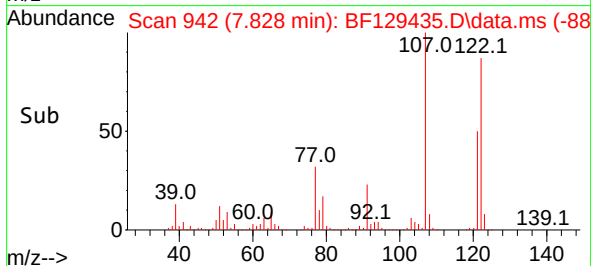
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



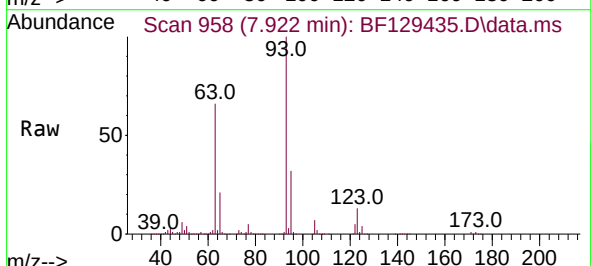
Tgt Ion:122 Resp: 68697
Ion Ratio Lower Upper
122 100
107 114.5 93.0 139.6
121 57.7 46.6 70.0

Manual Integrations
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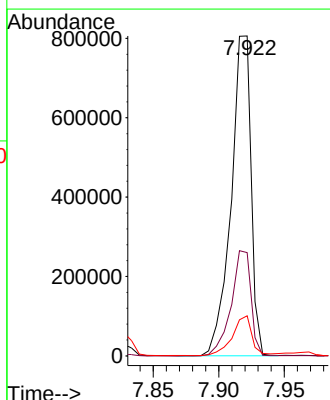
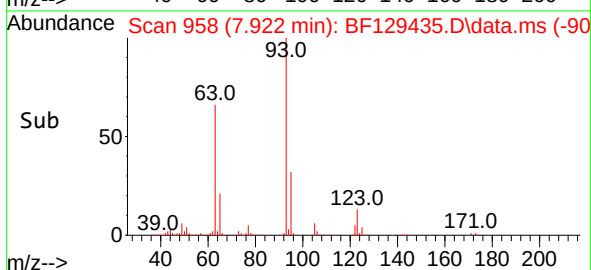
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

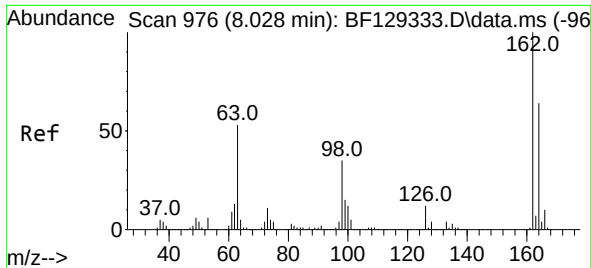


#28
bis(2-Chloroethoxy)methane
Concen: 47.920 ng
RT: 7.922 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



Tgt Ion: 93 Resp: 855929
Ion Ratio Lower Upper
93 100
95 32.3 26.8 40.2
123 12.5 9.2 13.8





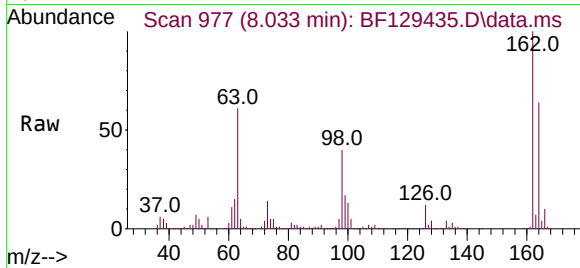
#29
2,4-Dichlorophenol
Concen: 44.359 ng
RT: 8.033 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

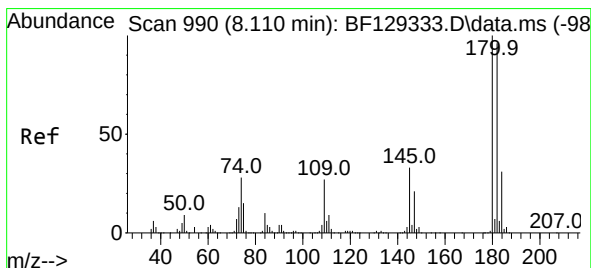
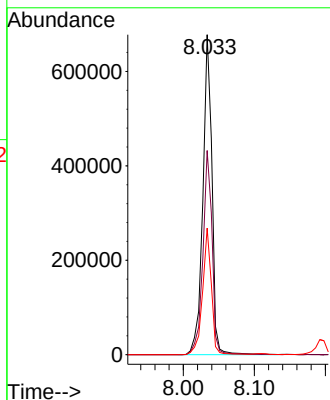
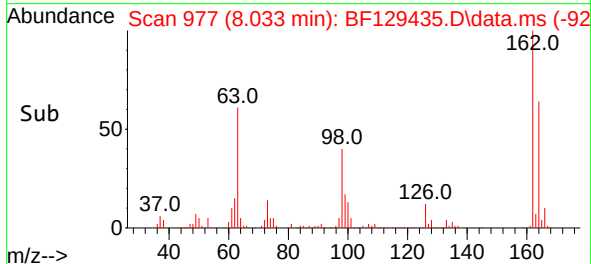


Tgt Ion:162 Resp: 599296
Ion Ratio Lower Upper
162 100
164 63.8 44.2 84.2
98 39.5 19.6 59.6

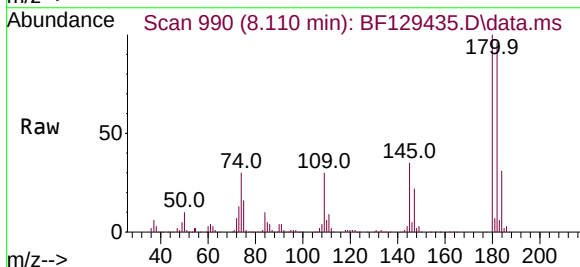
Manual Integrations

APPROVED

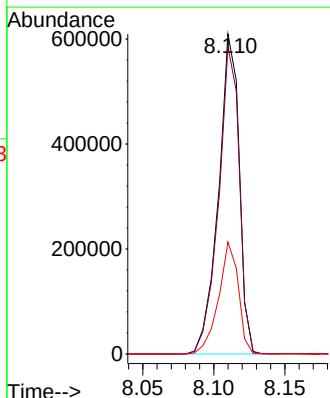
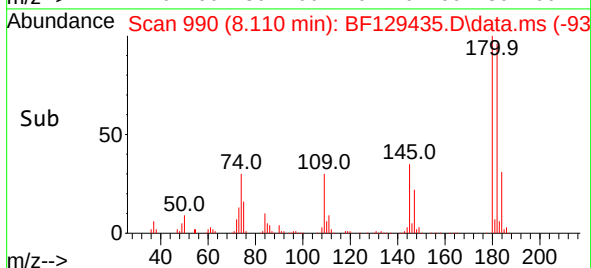
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

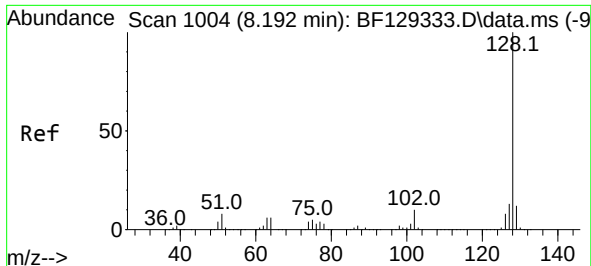


#30
1,2,4-Trichlorobenzene
Concen: 44.314 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



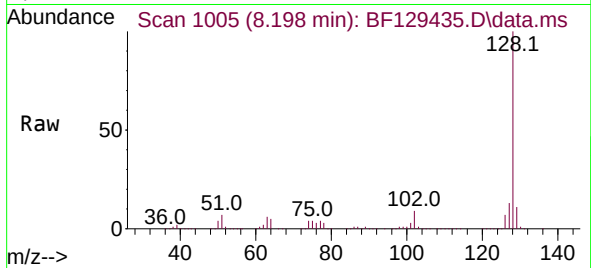
Tgt Ion:180 Resp: 619690
Ion Ratio Lower Upper
180 100
182 96.0 79.2 118.8
145 35.0 26.2 39.2





#31
Naphthalene
Concen: 42.896 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

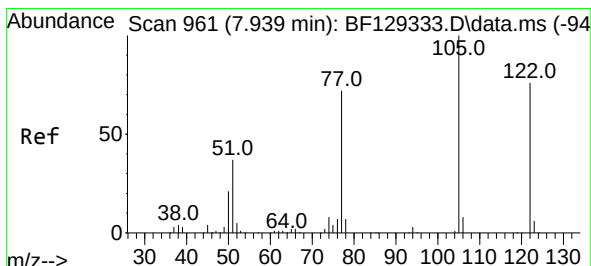
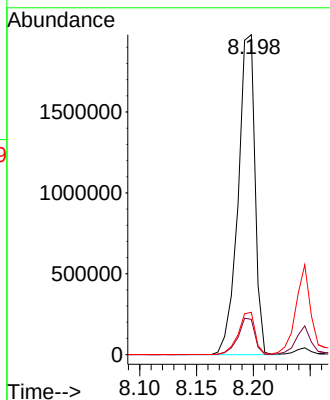
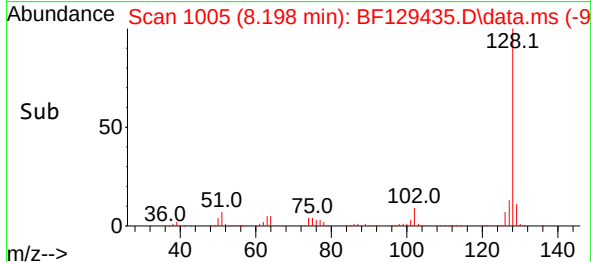
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:128 Resp: 2043575
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.2 10.5 15.7

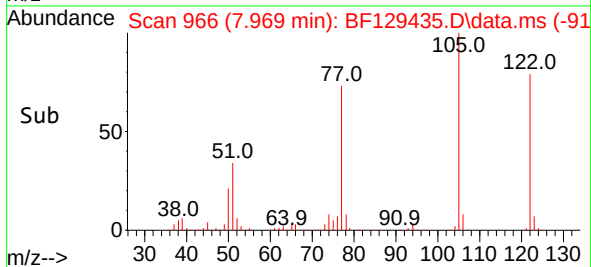
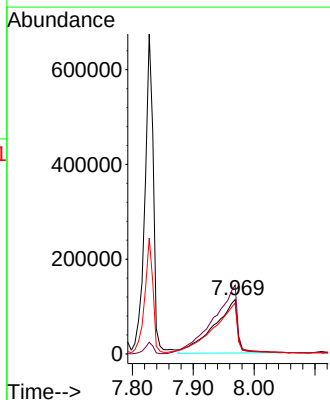
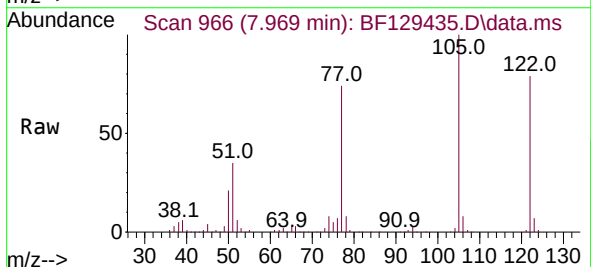
Manual Integrations
APPROVED

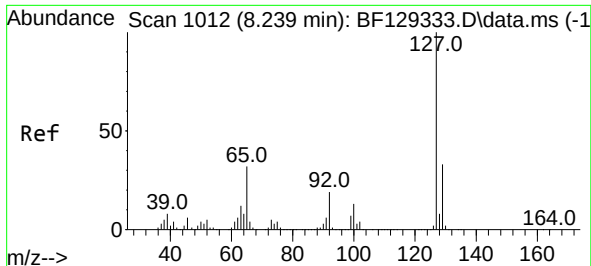
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#32
Benzoic acid
Concen: 32.593 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.029 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Tgt Ion:122 Resp: 308417
Ion Ratio Lower Upper
122 100
105 126.8 107.1 147.1
77 93.5 74.2 114.2





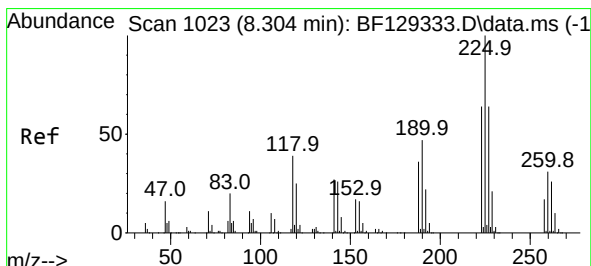
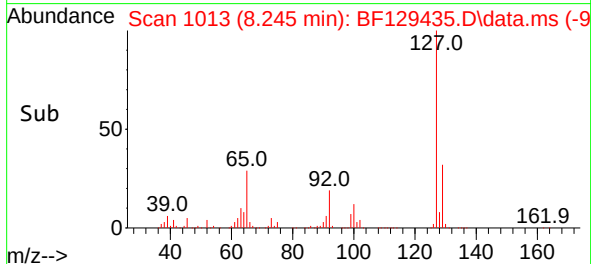
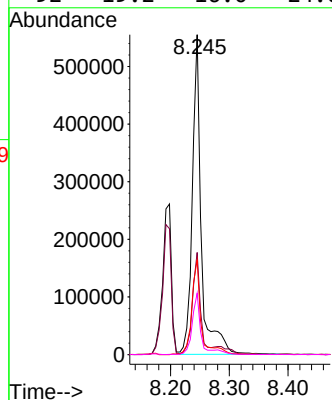
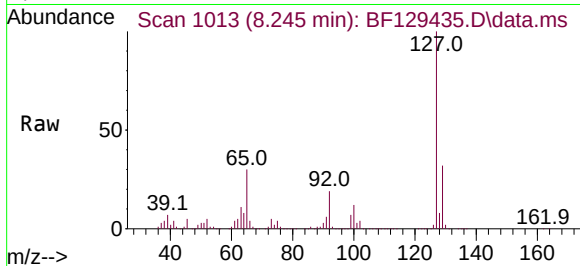
#33
4-Chloroaniline
Concen: 30.264 ng
RT: 8.245 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Instrument :
BNA_F
ClientSampleId :
PB146473BSD

Tgt Ion:	127	Resp:	591925
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.4	39.6
65	29.6	26.4	39.6
92	19.2	16.0	24.0

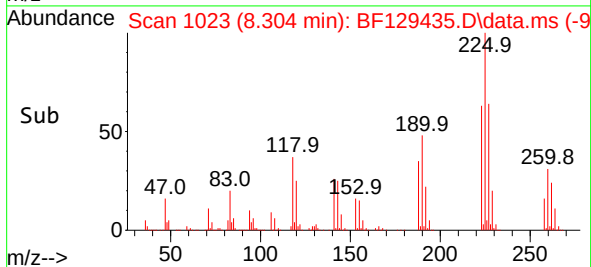
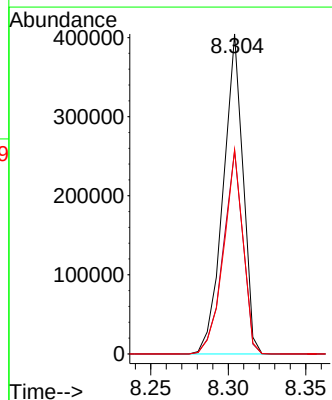
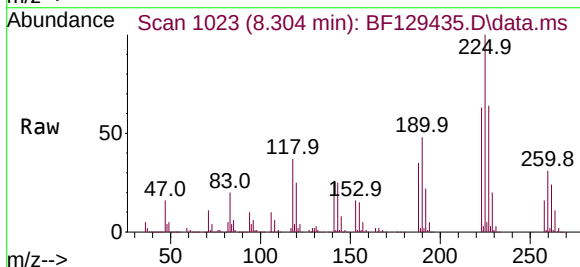
Manual Integrations
APPROVED

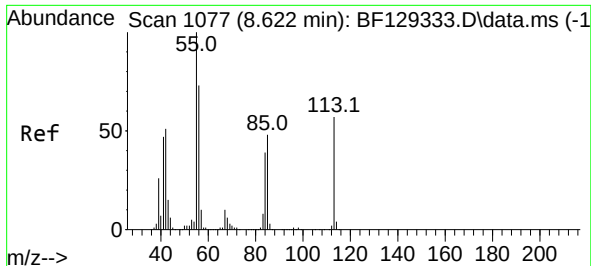
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#34
Hexachlorobutadiene
Concen: 45.278 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

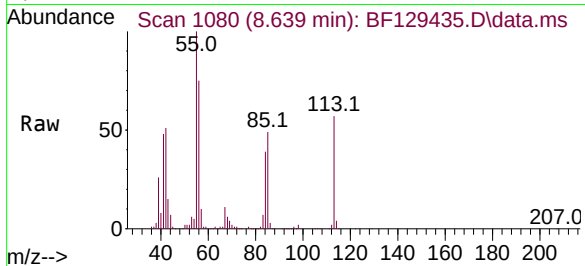
Tgt Ion:	225	Resp:	359913
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.0	76.6
227	63.8	51.1	76.7





#35
Caprolactam
Concen: 44.145 ng m
RT: 8.639 min Scan# 1077
Delta R.T. 0.018 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

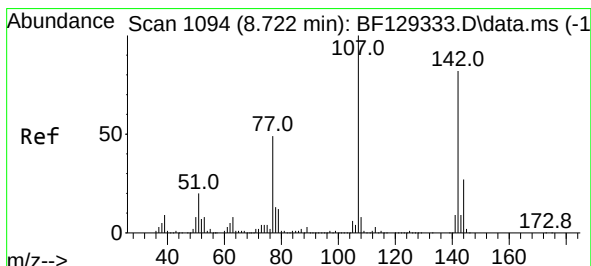
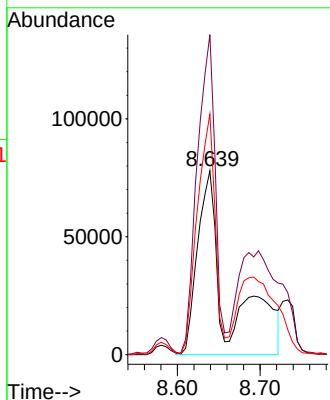
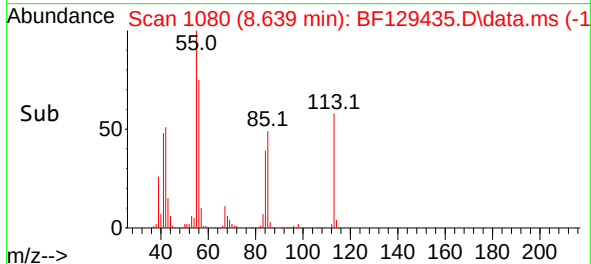
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:113 Resp: 193900
Ion Ratio Lower Upper
113 100
55 174.0 188.5 228.5
56 130.9 130.6 170.6

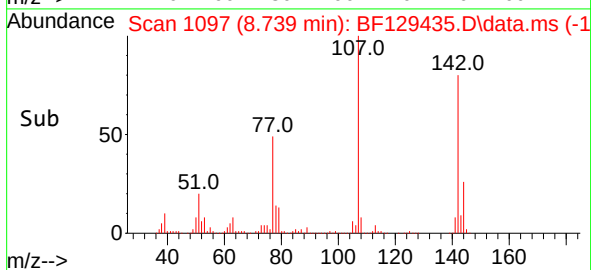
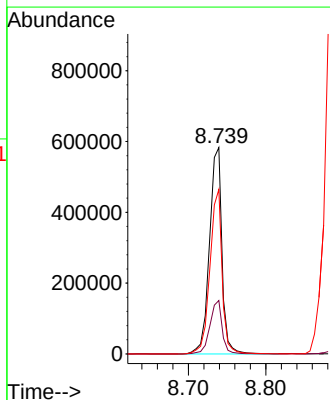
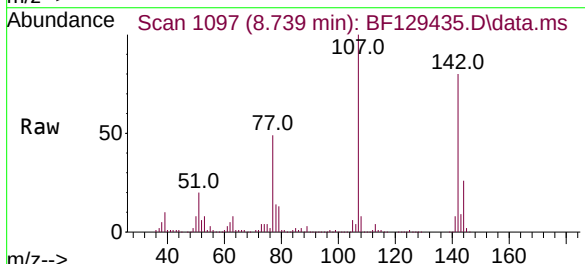
Manual Integrations
APPROVED

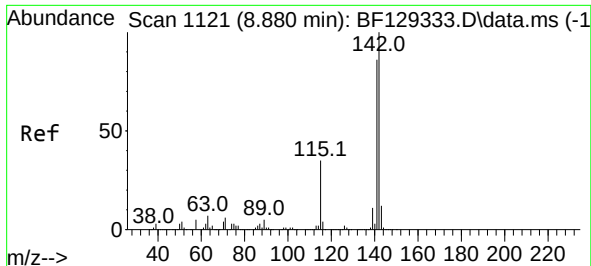
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#36
4-Chloro-3-methylphenol
Concen: 45.560 ng
RT: 8.739 min Scan# 1097
Delta R.T. 0.018 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Tgt Ion:107 Resp: 652834
Ion Ratio Lower Upper
107 100
144 25.9 19.5 29.3
142 79.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.981 ng

RT: 8.886 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

Tgt Ion:142 Resp: 1330662

Ion Ratio Lower Upper

142 100

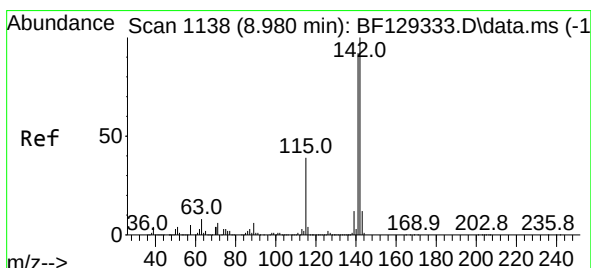
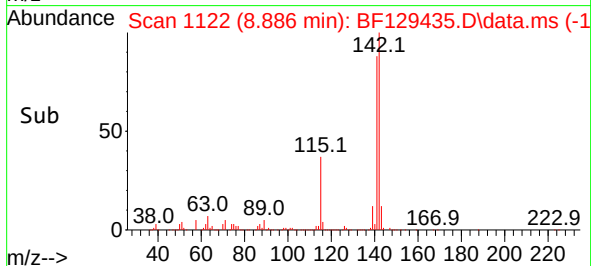
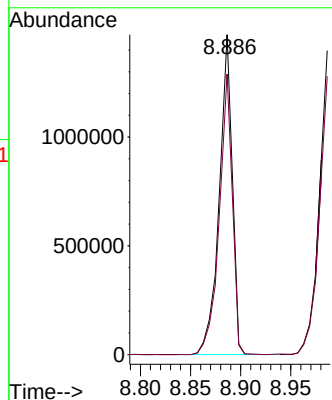
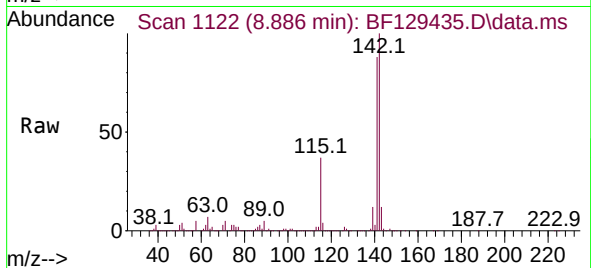
141 87.7 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#38

1-Methylnaphthalene

Concen: 42.463 ng

RT: 8.986 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF129435.D

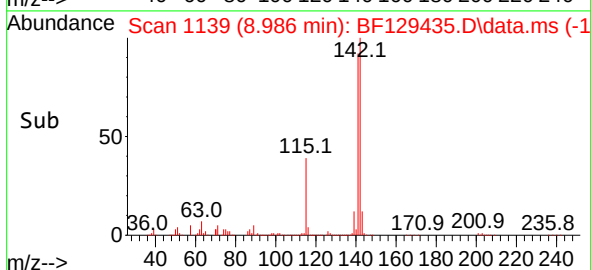
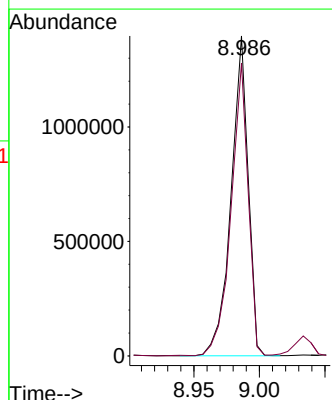
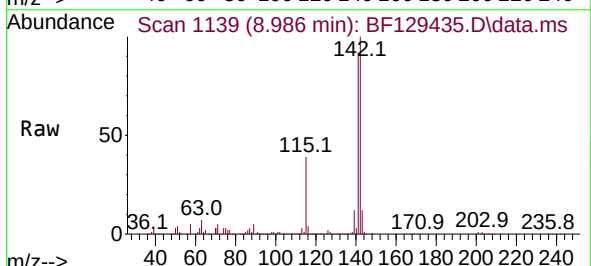
Acq: 29 Jul 2022 11:17

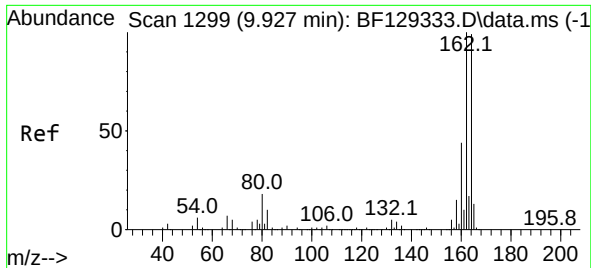
Tgt Ion:142 Resp: 1269057

Ion Ratio Lower Upper

142 100

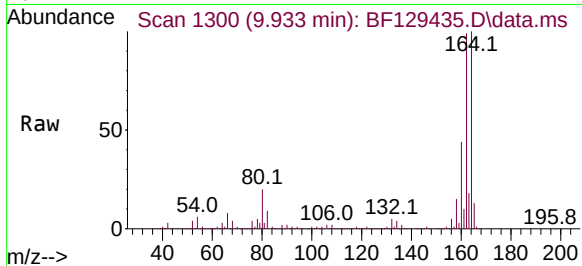
141 91.5 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

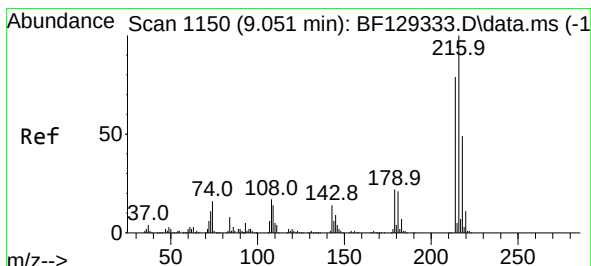
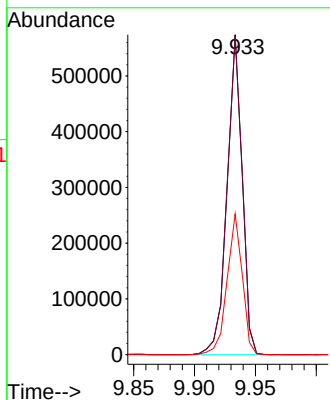
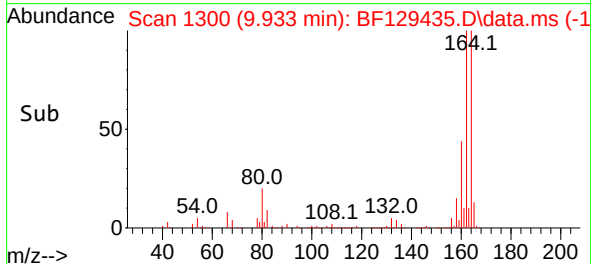
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



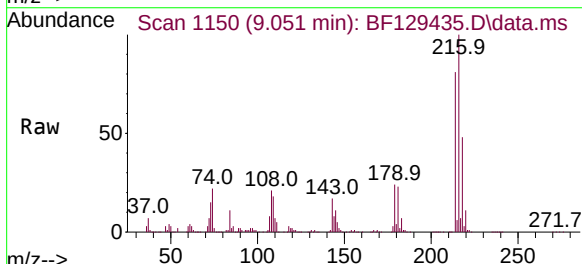
Tgt Ion:164 Resp: 494605
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.0 34.2 51.4

Manual Integrations
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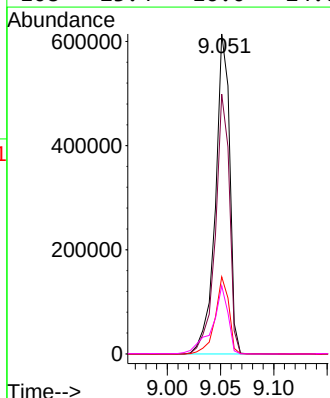
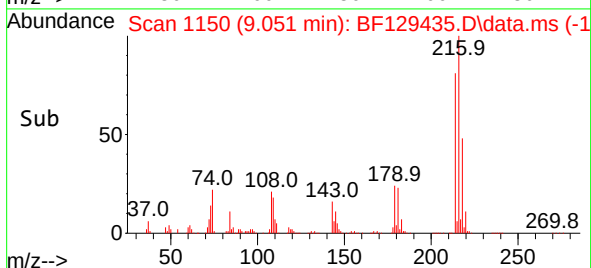
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

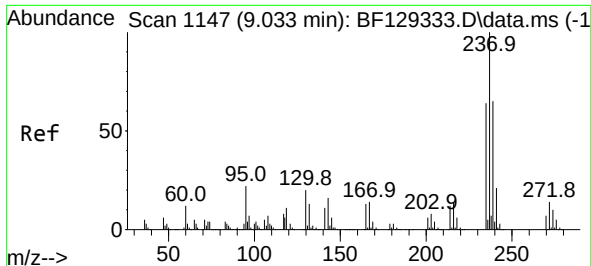


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.337 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



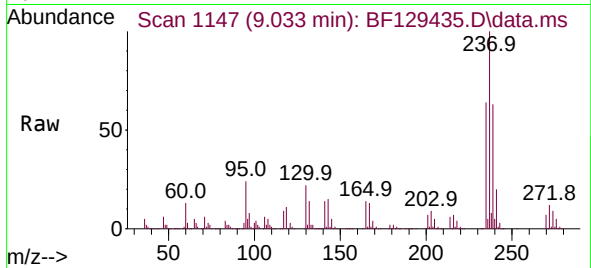
Tgt Ion:216 Resp: 575814
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 23.0 17.0 25.6
108 23.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 103.021 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

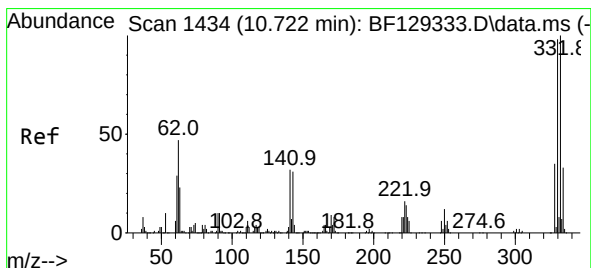
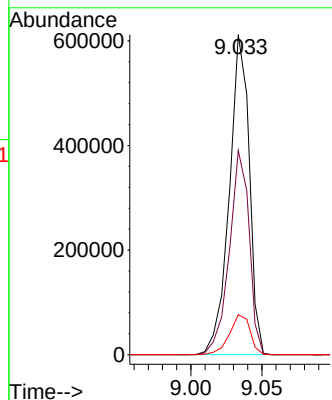
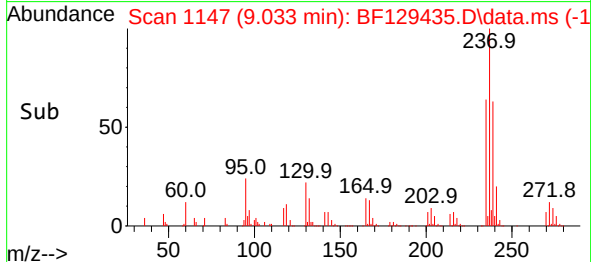
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



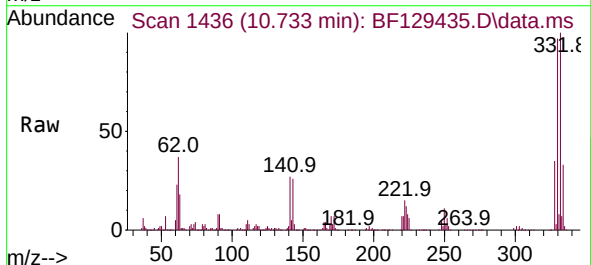
Tgt Ion:237 Resp: 595781
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 12.5 0.0 31.9

Manual Integrations
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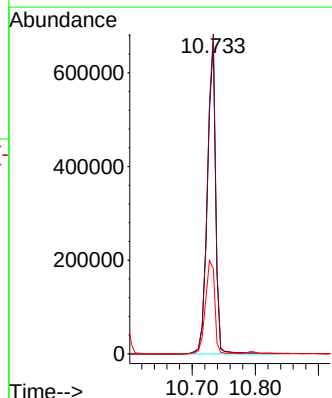
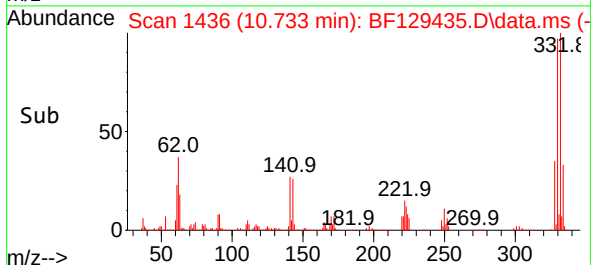
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

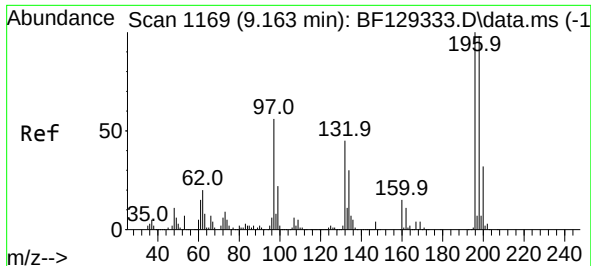


#42
2,4,6-Tribromophenol
Concen: 126.415 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



Tgt Ion:330 Resp: 601137
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 33.8 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 42.787 ng

RT: 9.169 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

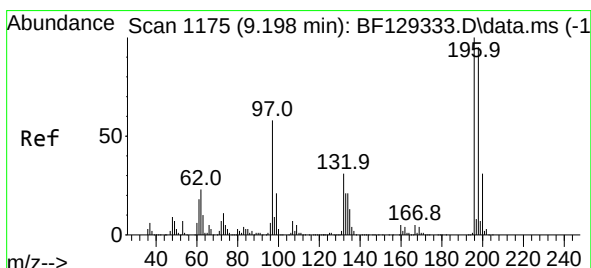
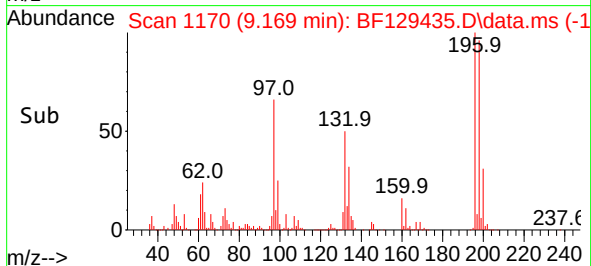
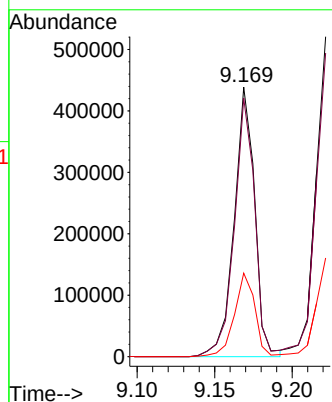
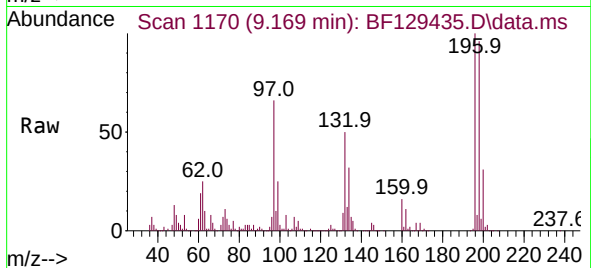
PB146473BSD

Tgt Ion:196 Resp: 403598
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.0 111.0
 200 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#44

2,4,5-Trichlorophenol

Concen: 40.760 ng

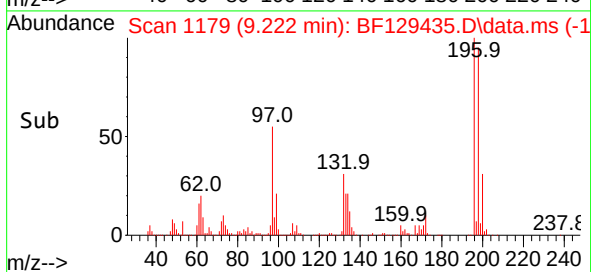
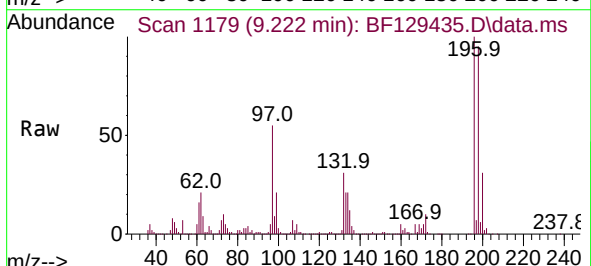
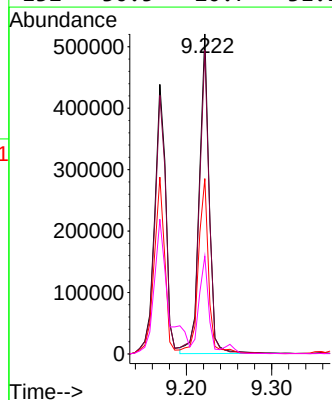
RT: 9.222 min Scan# 1179

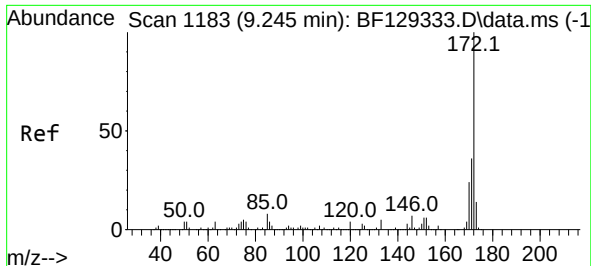
Delta R.T. 0.023 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

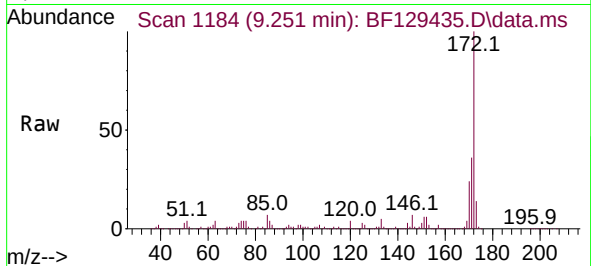
Tgt Ion:196 Resp: 418110
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 54.8 36.4 54.6#
 132 30.5 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 77.524 ng
RT: 9.251 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

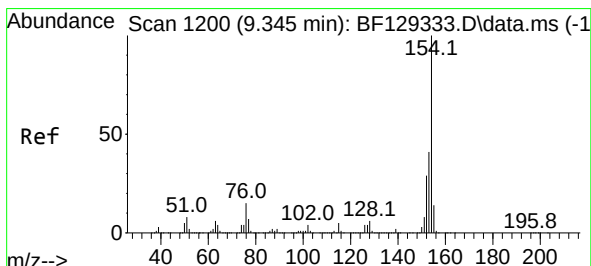
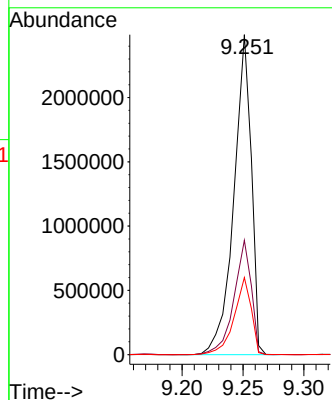
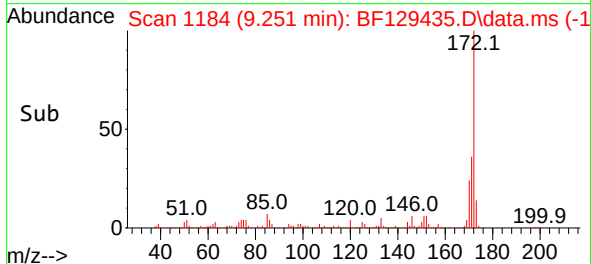
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



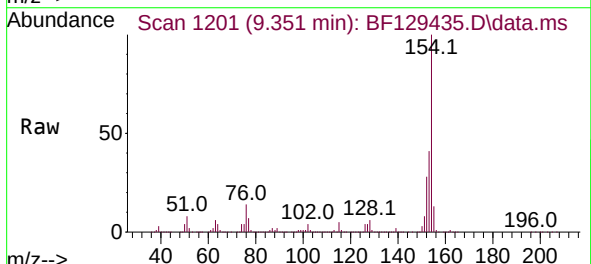
Tgt Ion:172 Resp: 2478666
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.8 29.8

Manual Integrations
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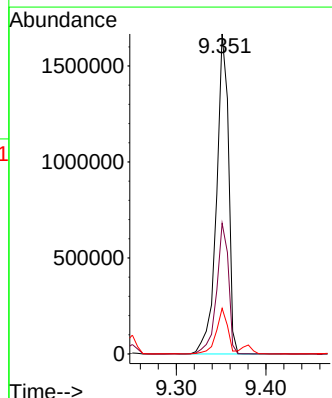
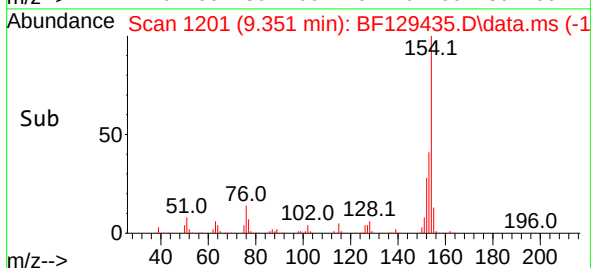
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

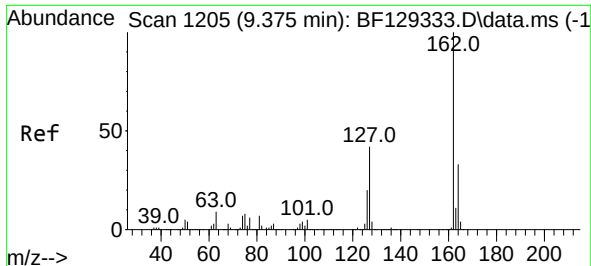


#46
1,1'-Biphenyl
Concen: 43.010 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



Tgt Ion:154 Resp: 1552496
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 14.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.170 ng

RT: 9.380 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

Tgt Ion:162 Resp: 1259726

Ion Ratio Lower Upper

162 100

127 42.8 34.5 51.7

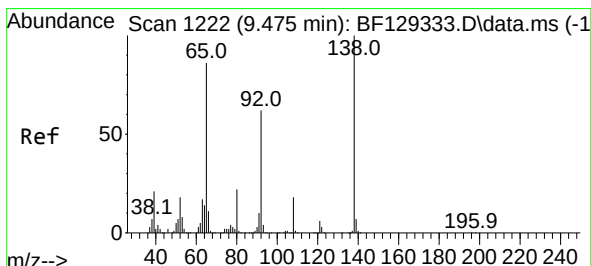
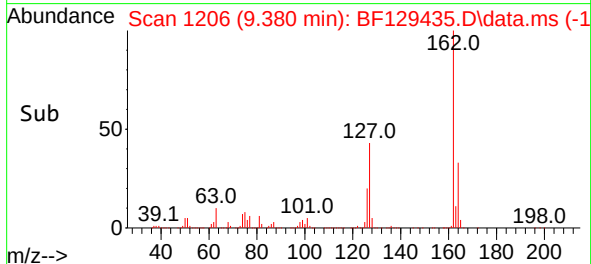
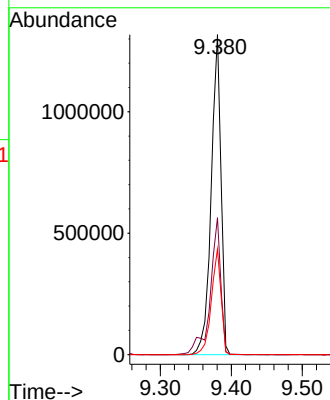
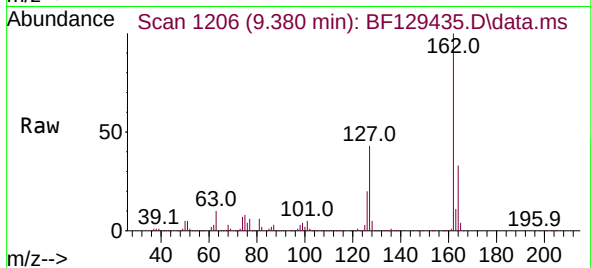
164 33.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#48

2-Nitroaniline

Concen: 42.377 ng

RT: 9.480 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

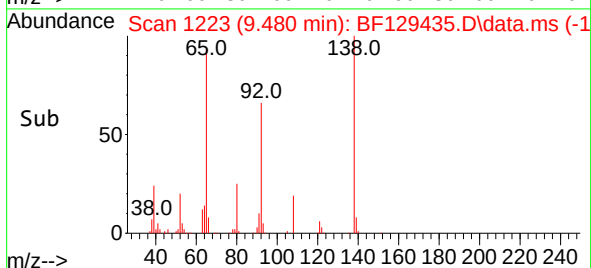
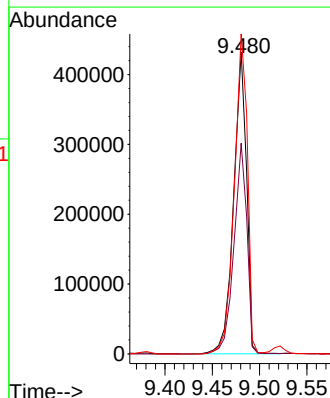
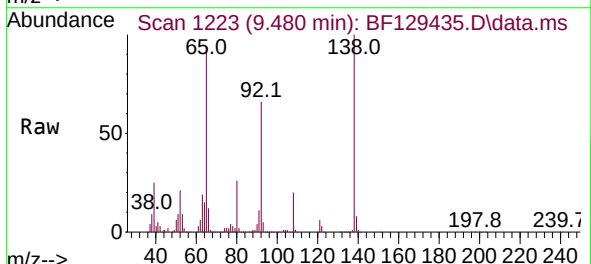
Tgt Ion: 65 Resp: 411190

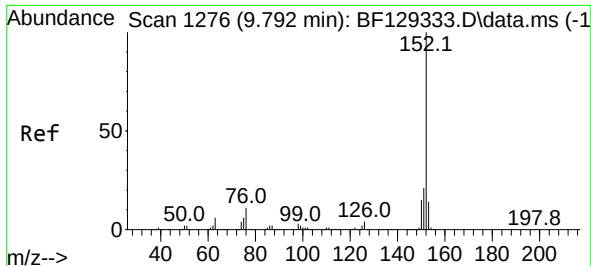
Ion Ratio Lower Upper

65 100

92 69.8 51.9 77.9

138 105.9 76.4 114.6





#49

Acenaphthylene

Concen: 43.800 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF129435.D

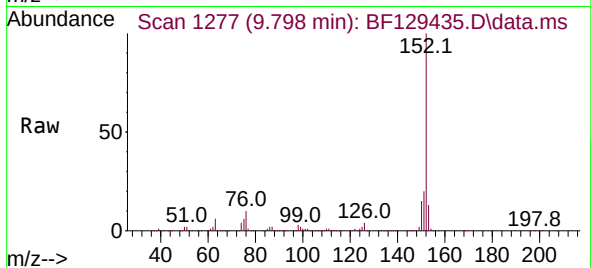
Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD



Tgt Ion:152 Resp: 1942062

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

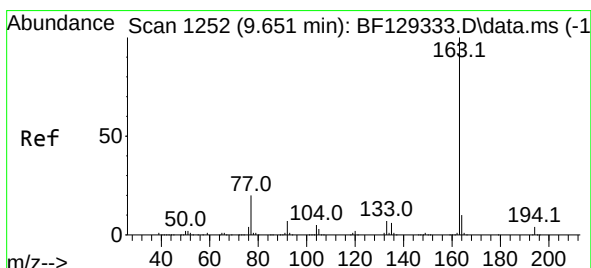
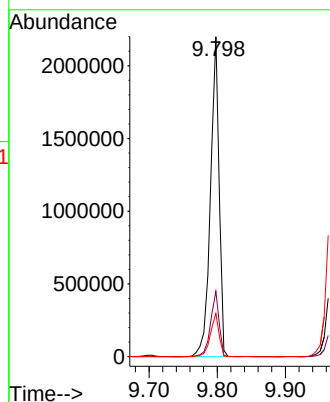
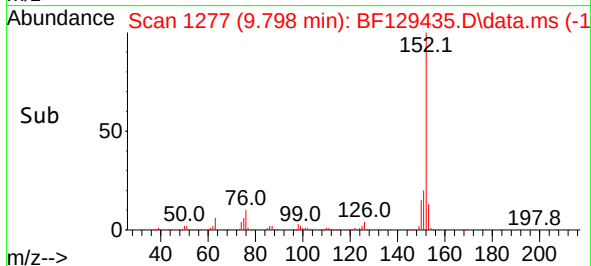
153 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#50

Dimethylphthalate

Concen: 42.855 ng

RT: 9.657 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

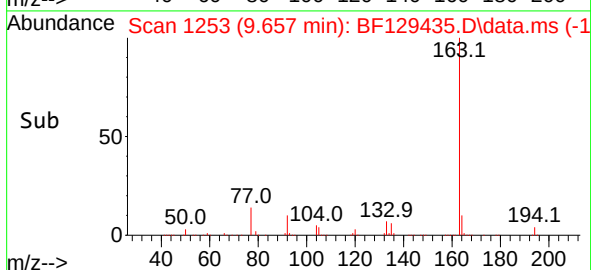
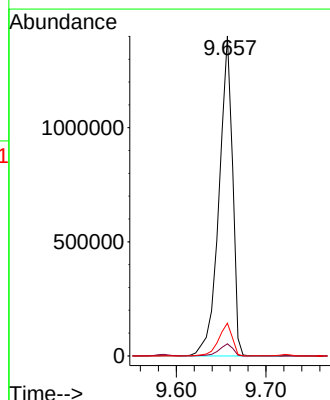
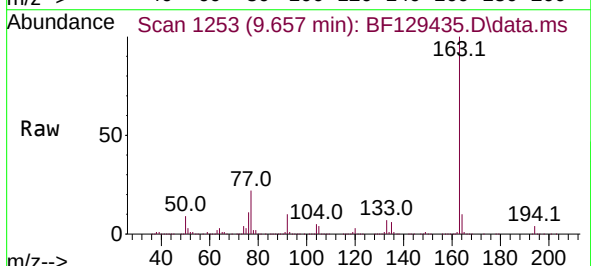
Tgt Ion:163 Resp: 1463230

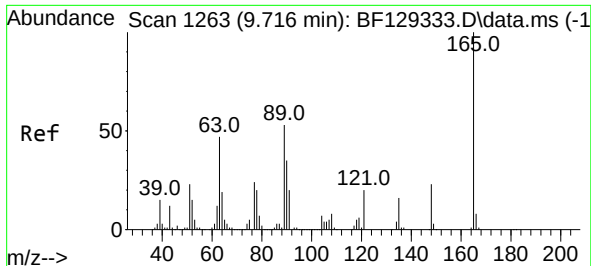
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

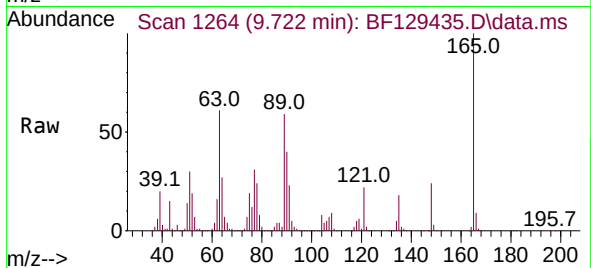
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.745 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

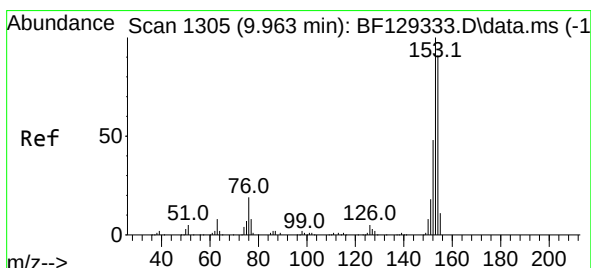
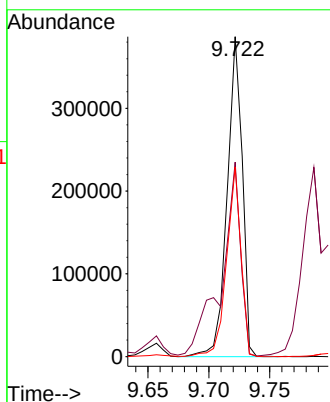
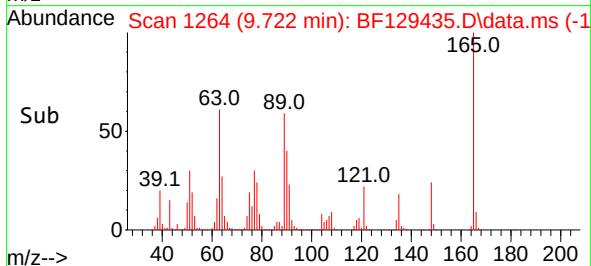
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:165 Resp: 334302
Ion Ratio Lower Upper
165 100
63 60.8 44.9 67.3
89 59.3 43.6 65.4

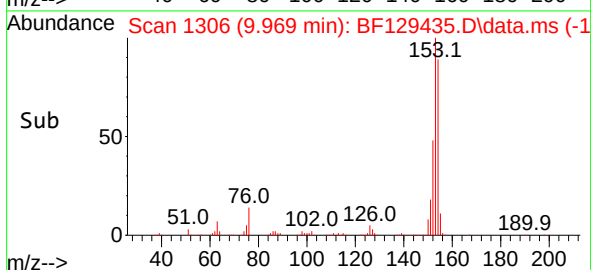
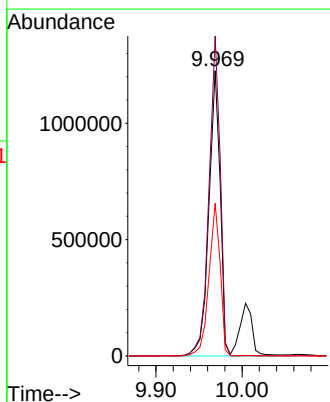
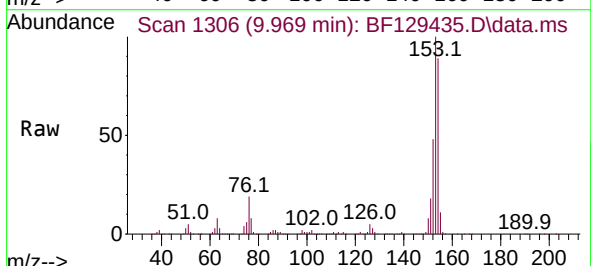
Manual Integrations
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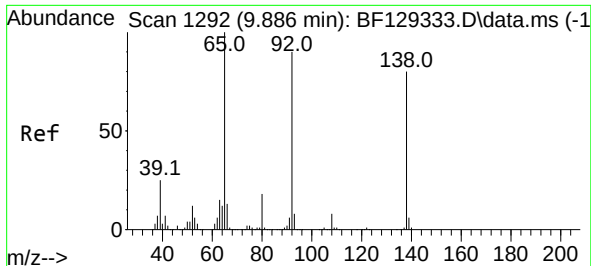
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#52
Acenaphthene
Concen: 46.254 ng m
RT: 9.969 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

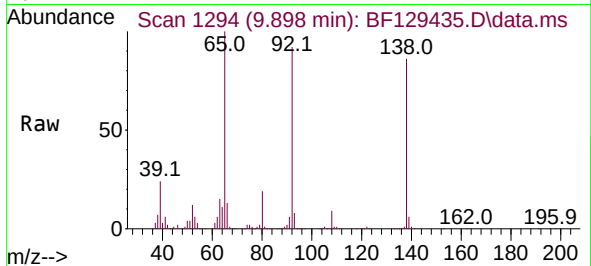
Tgt Ion:154 Resp: 1339513
Ion Ratio Lower Upper
154 100
153 112.2 89.6 134.4
152 53.5 42.4 63.6





#53
3-Nitroaniline
Concen: 31.334 ng
RT: 9.898 min Scan# 1292
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

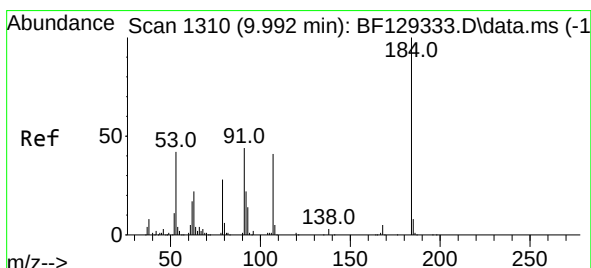
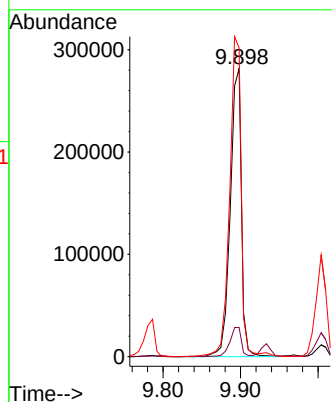
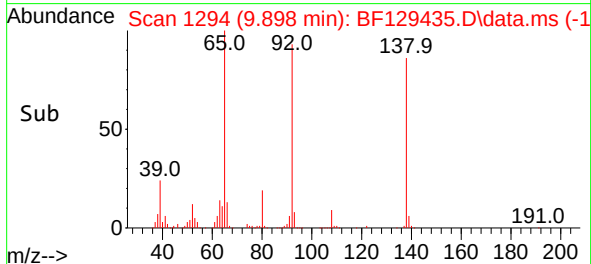
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



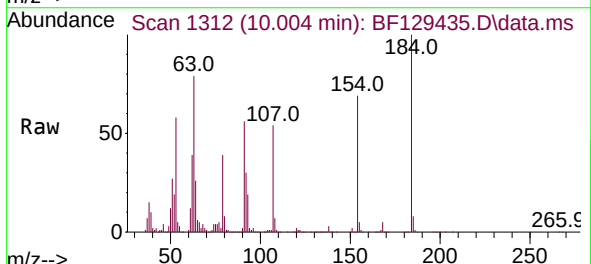
Tgt Ion:138 Resp: 282758
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3
92 107.3 98.2 147.2

Manual Integrations
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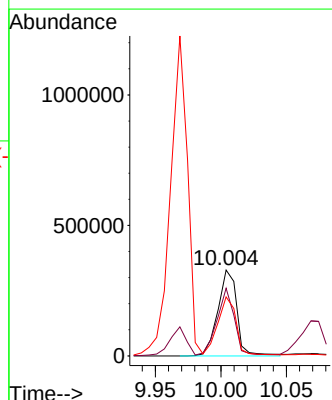
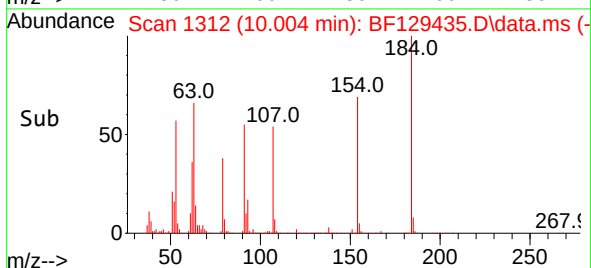
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

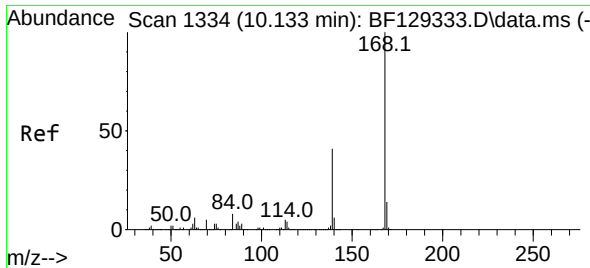


#54
2,4-Dinitrophenol
Concen: 85.524 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



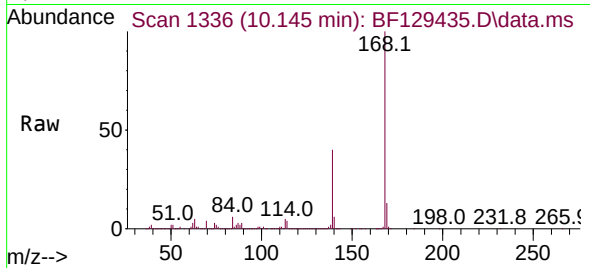
Tgt Ion:184 Resp: 333653
Ion Ratio Lower Upper
184 100
63 78.8 64.5 96.7
154 68.7 50.6 75.8





#55
Dibenzenofuran
Concen: 42.249 ng
RT: 10.145 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

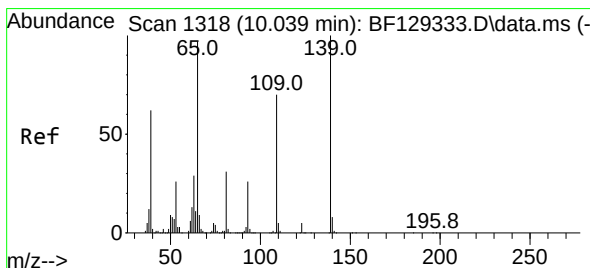
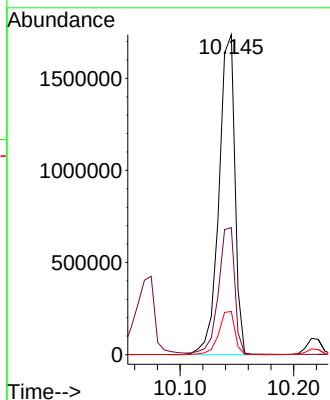
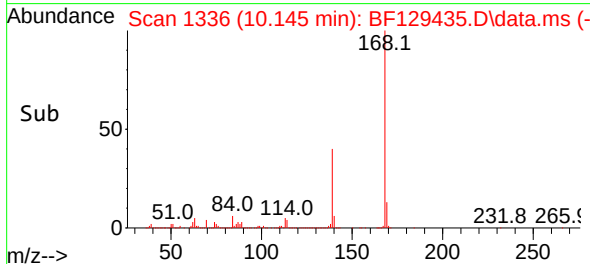
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:168 Resp: 1686656
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.5 11.0 16.6

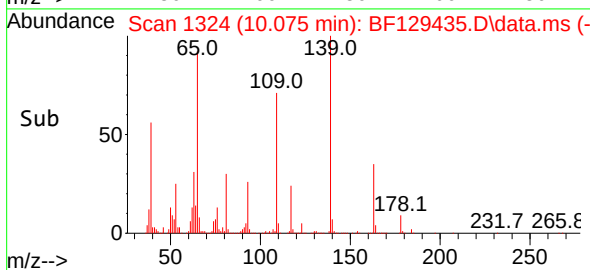
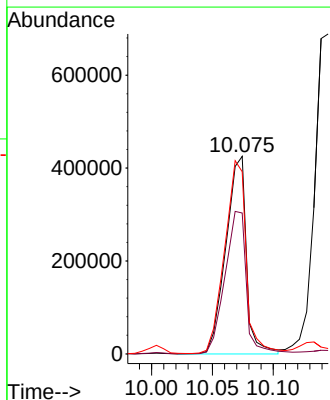
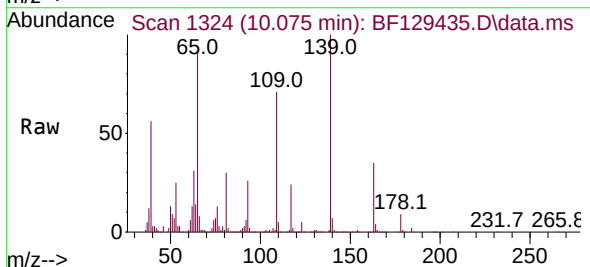
Manual Integrations
APPROVED

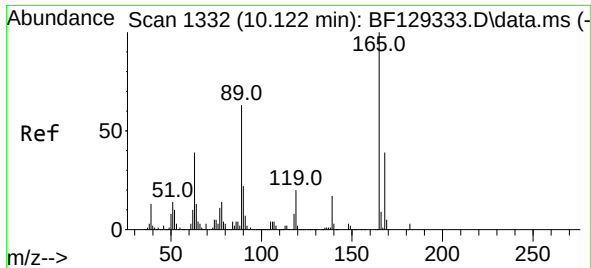
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#56
4-Nitrophenol
Concen: 75.201 ng
RT: 10.075 min Scan# 1324
Delta R.T. 0.035 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

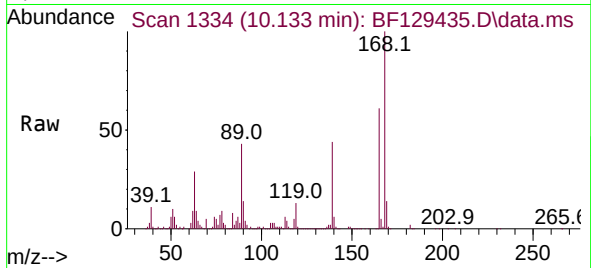
Tgt Ion:139 Resp: 500656
Ion Ratio Lower Upper
139 100
109 71.3 50.7 90.7
65 92.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 43.323 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

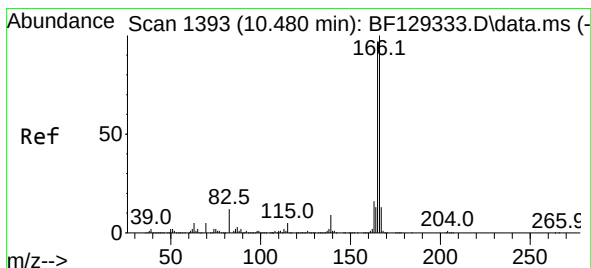
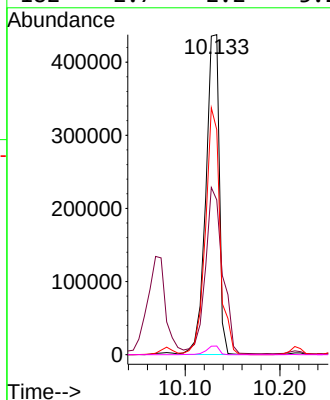
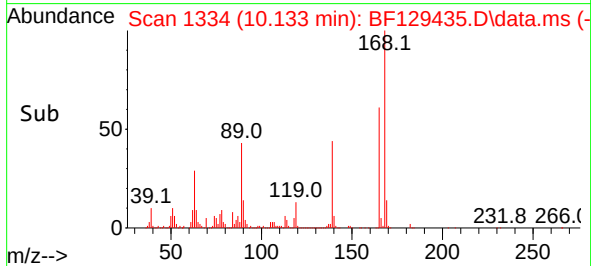
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



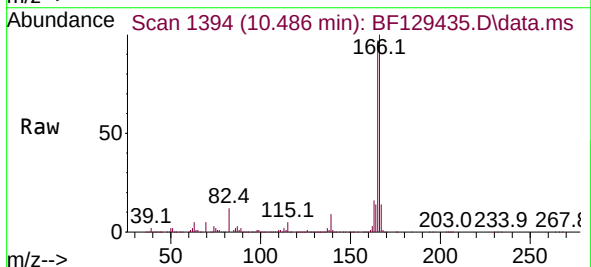
Tgt Ion:165 Resp: 432512
Ion Ratio Lower Upper
165 100
63 48.3 39.8 59.6
89 70.3 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations
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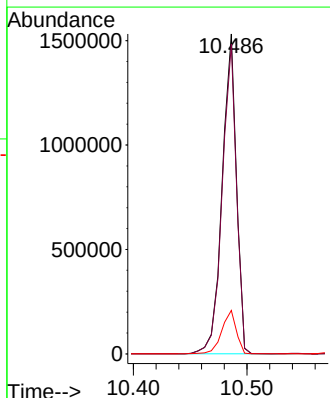
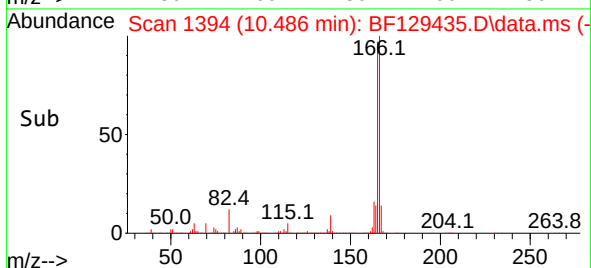
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

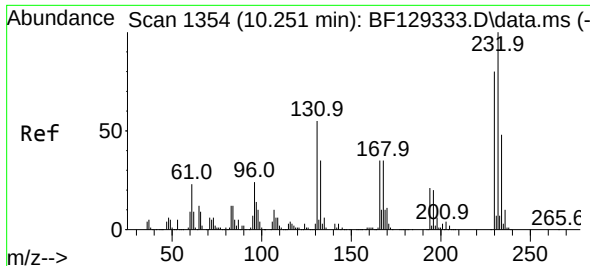


#58
Fluorene
Concen: 41.710 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



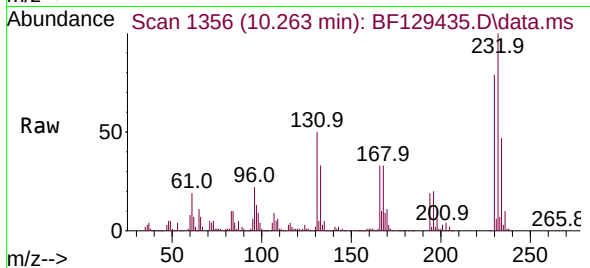
Tgt Ion:166 Resp: 1332329
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.832 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

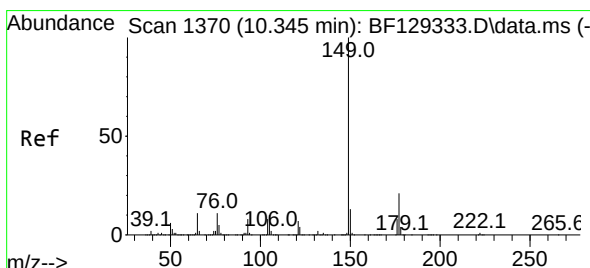
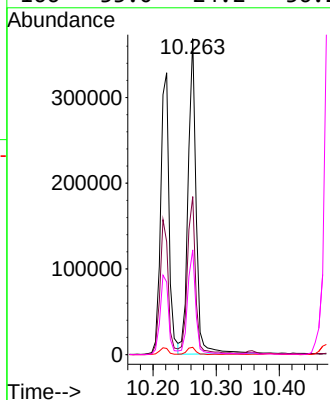
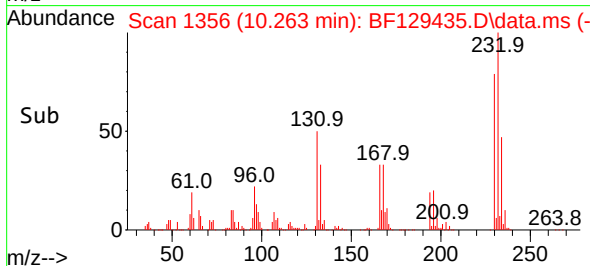
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



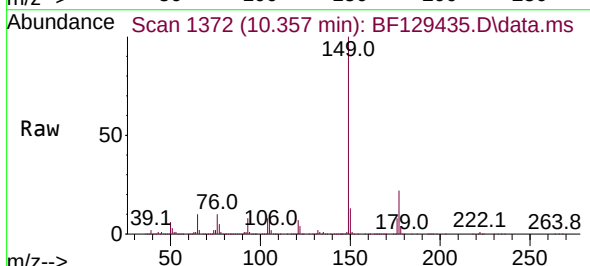
Tgt Ion:232 Resp: 323685
Ion Ratio Lower Upper
232 100
131 50.5 36.1 54.1
130 2.4 1.8 2.8
166 33.0 24.2 36.2

Manual Integrations
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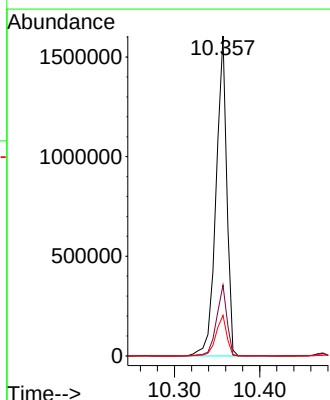
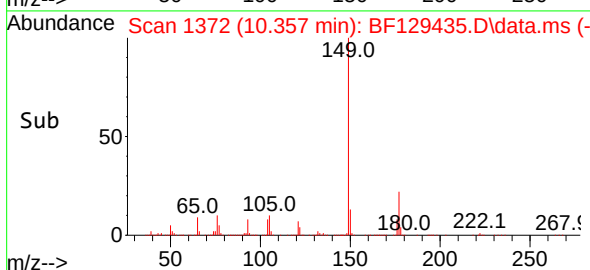
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

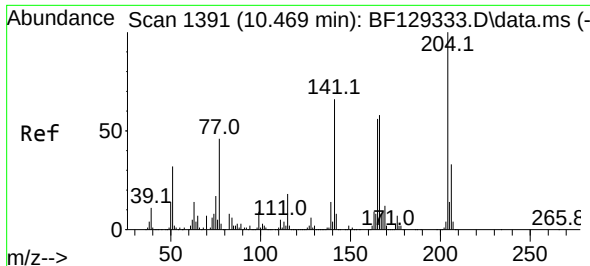


#60
Diethylphthalate
Concen: 42.371 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



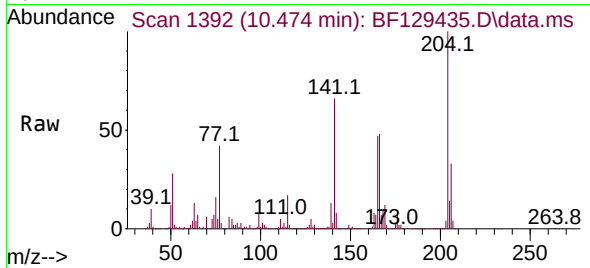
Tgt Ion:149 Resp: 1398519
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.107 ng
RT: 10.474 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

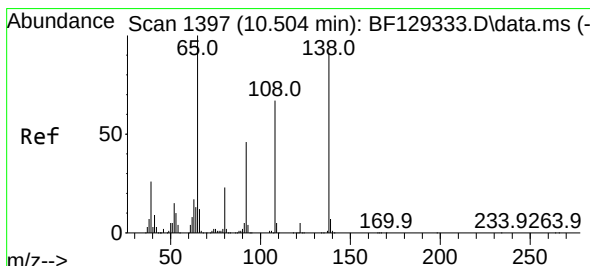
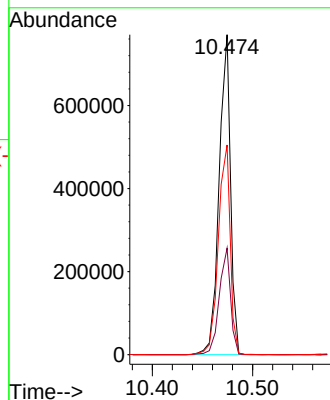
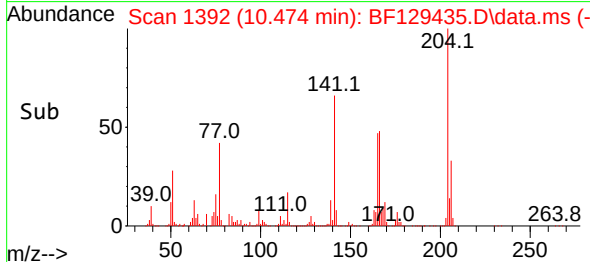
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:204 Resp: 607031
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 65.5 47.0 70.4

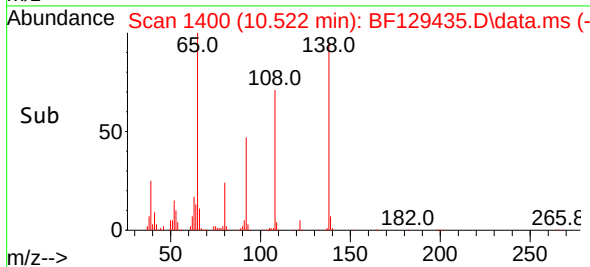
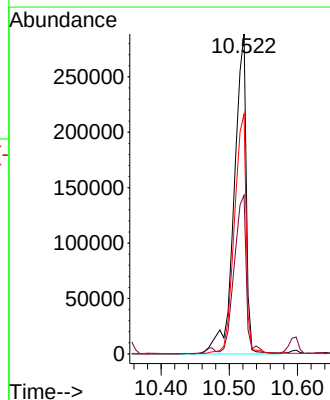
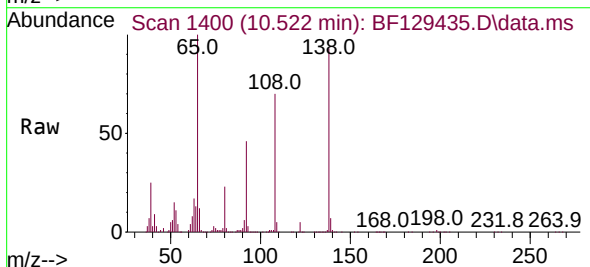
Manual Integrations
APPROVED

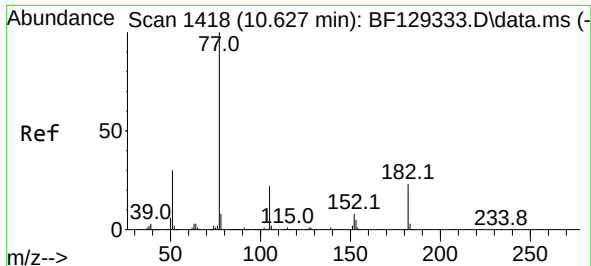
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#62
4-Nitroaniline
Concen: 39.695 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.018 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

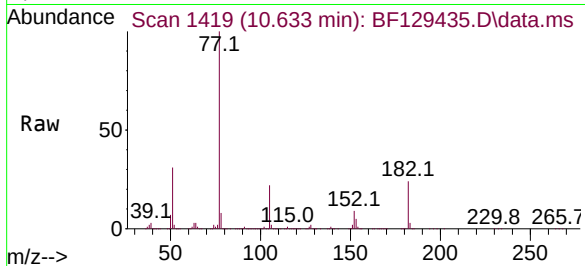
Tgt Ion:138 Resp: 355353
Ion Ratio Lower Upper
138 100
92 49.6 33.5 73.5
108 74.9 61.0 101.0





#63
Azobenzene
Concen: 40.791 ng
RT: 10.633 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

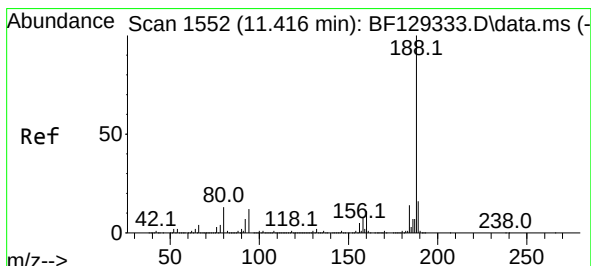
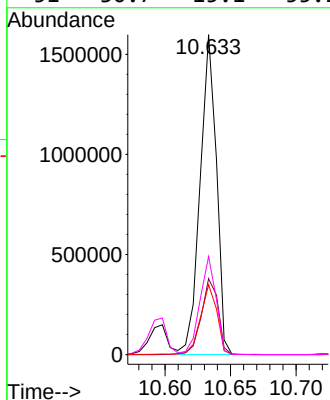
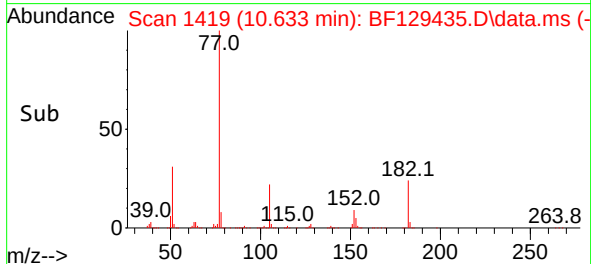
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



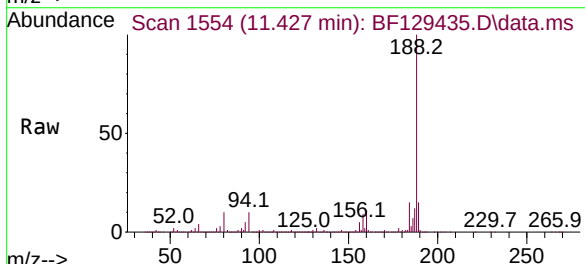
Tgt Ion: 77 Resp: 1373248
Ion Ratio Lower Upper
77 100
182 23.7 5.6 45.6
105 21.8 1.6 41.6
51 30.7 15.1 55.1

Manual Integrations
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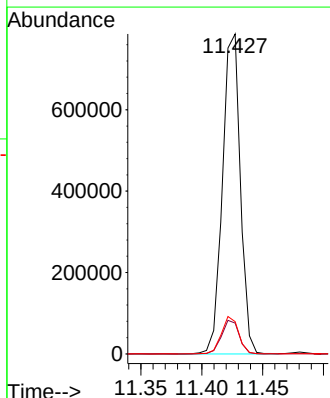
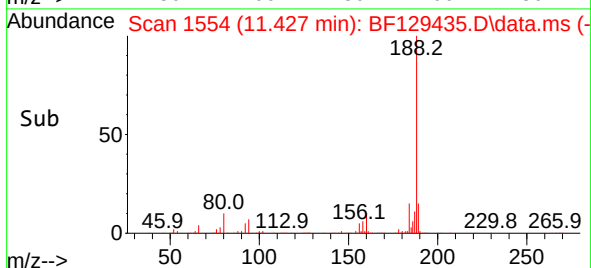
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

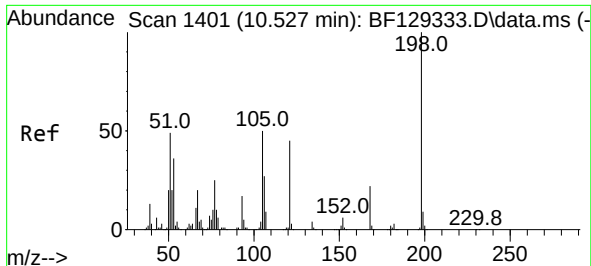


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



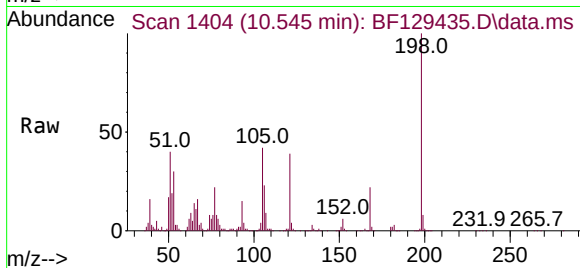
Tgt Ion:188 Resp: 805069
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.239 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.018 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

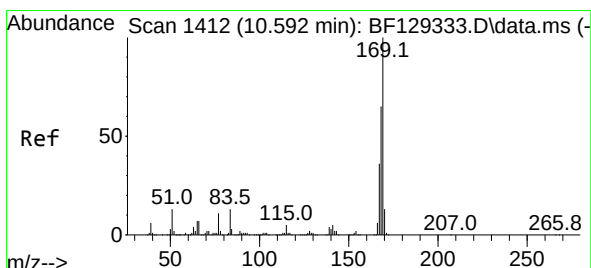
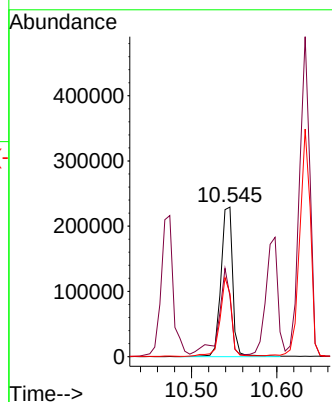
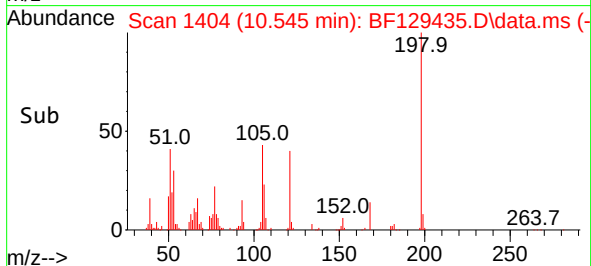
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



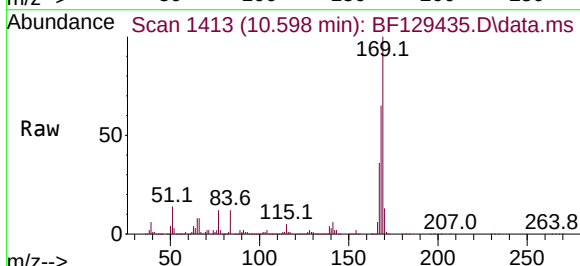
Tgt Ion:198 Resp: 219714
Ion Ratio Lower Upper
198 100
51 40.3 37.6 77.6
105 42.1 27.0 67.0

Manual Integrations
APPROVED

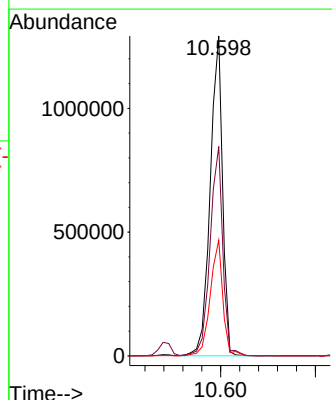
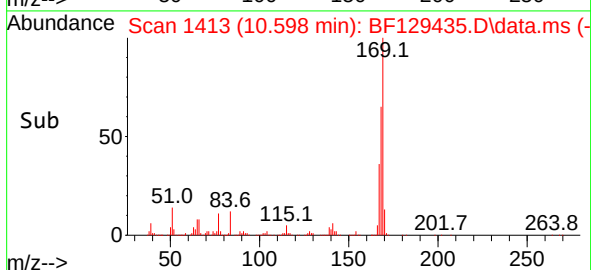
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

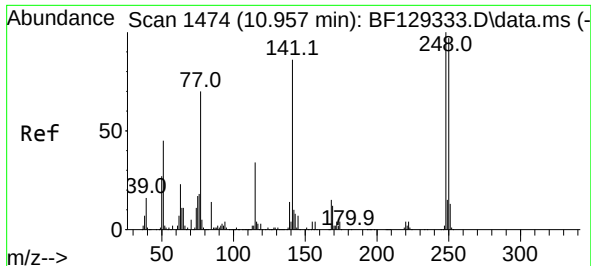


#66
n-Nitrosodiphenylamine
Concen: 43.762 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



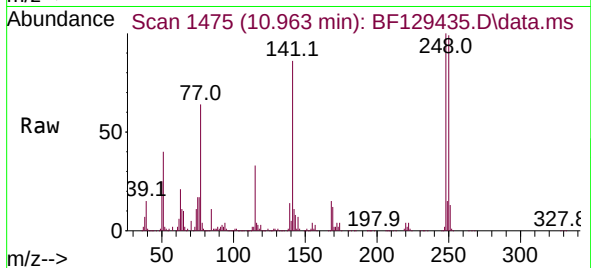
Tgt Ion:169 Resp: 1173293
Ion Ratio Lower Upper
169 100
168 65.4 50.1 75.1
167 36.2 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 44.873 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

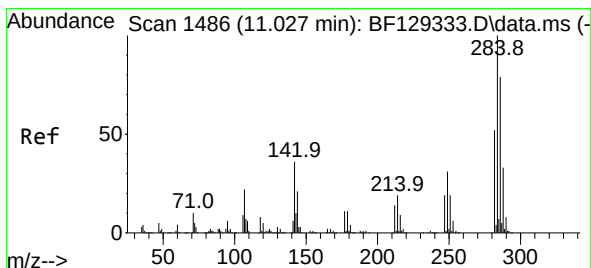
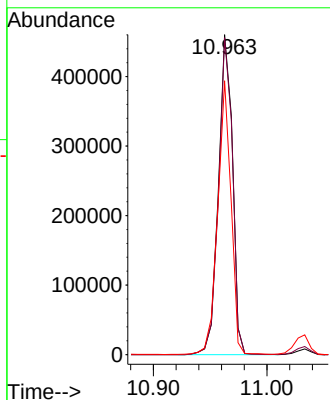
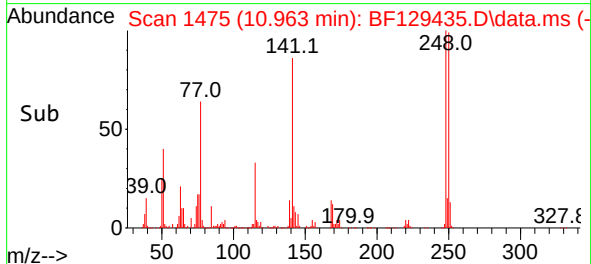
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



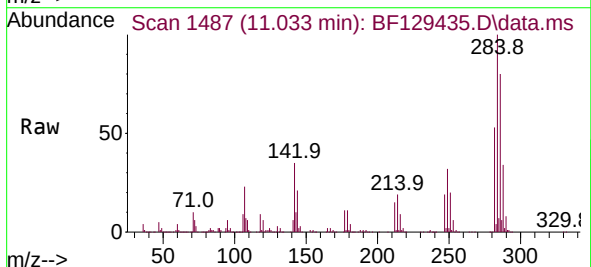
Tgt Ion:248 Resp: 395587
Ion Ratio Lower Upper
248 100
250 99.0 80.6 120.8
141 85.6 58.9 88.3

Manual Integrations
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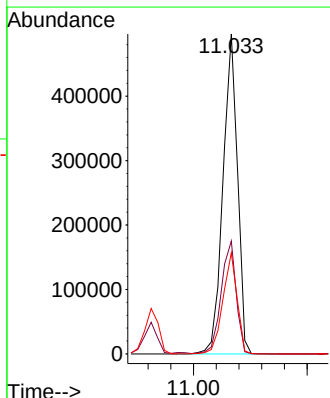
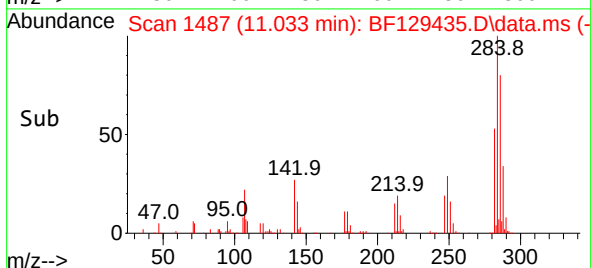
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

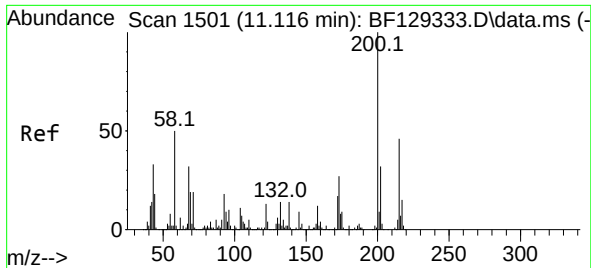


#68
Hexachlorobenzene
Concen: 45.848 ng
RT: 11.033 min Scan# 1487
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



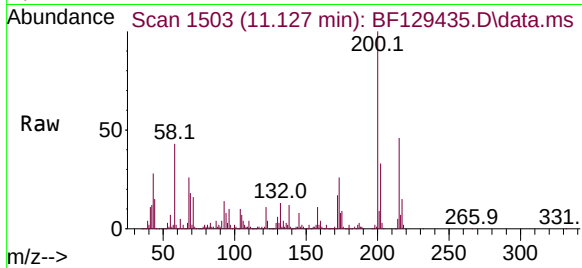
Tgt Ion:284 Resp: 437949
Ion Ratio Lower Upper
284 100
142 35.3 29.0 43.4
249 31.6 25.0 37.6





#69
 Atrazine
 Concen: 44.460 ng
 RT: 11.127 min Scan# 1112
 Delta R.T. 0.012 min
 Lab File: BF129435.D
 Acq: 29 Jul 2022 11:17

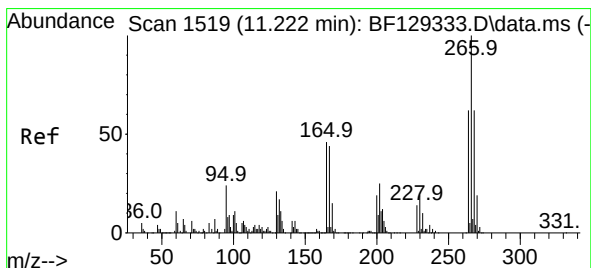
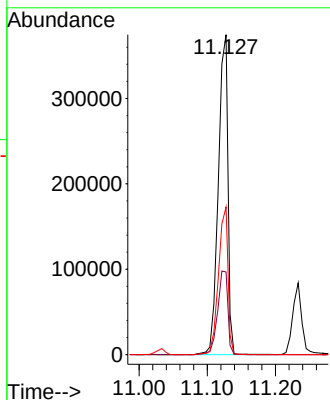
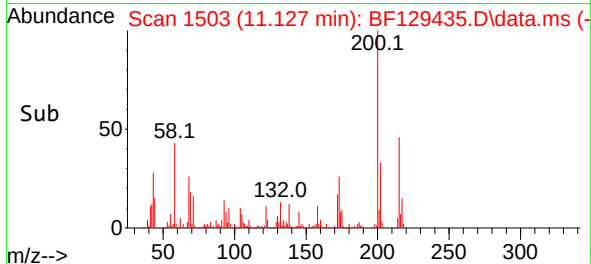
Instrument :
 BNA_F
 ClientSampleId :
 PB146473BSD



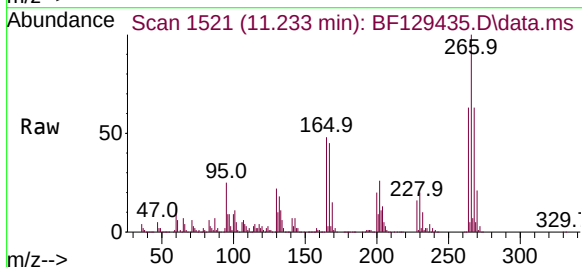
Tgt Ion:200 Resp: 362063
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.3 46.3
 215 46.1 28.3 68.3

Manual Integrations
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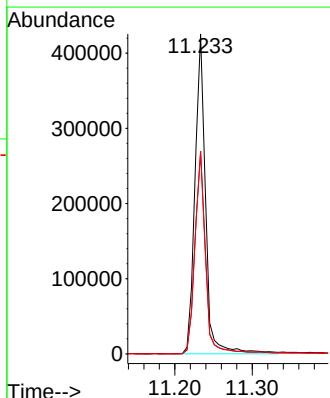
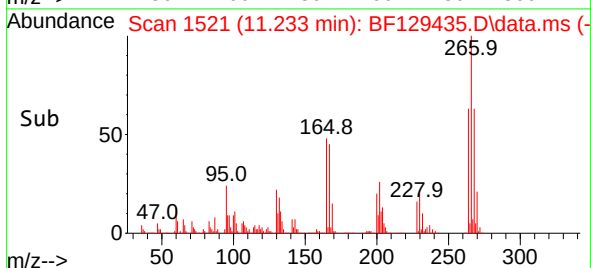
Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022

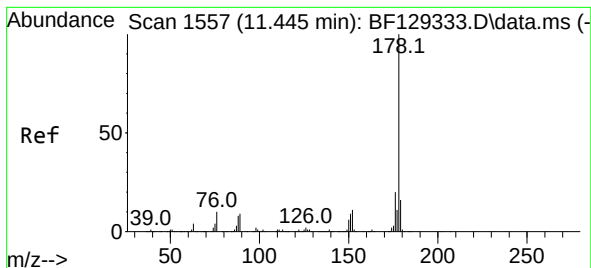


#70
 Pentachlorophenol
 Concen: 77.986 ng
 RT: 11.233 min Scan# 1521
 Delta R.T. 0.012 min
 Lab File: BF129435.D
 Acq: 29 Jul 2022 11:17



Tgt Ion:266 Resp: 404968
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.4
 264 63.4 49.4 74.2





#71

Phenanthrene

Concen: 42.686 ng

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

Tgt Ion:178 Resp: 1875894

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

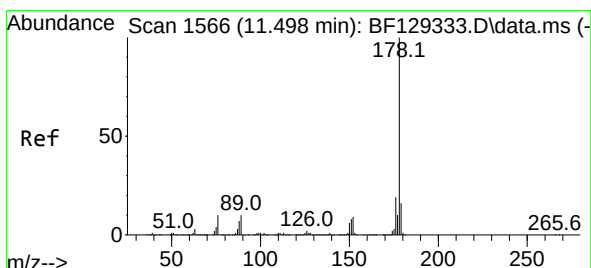
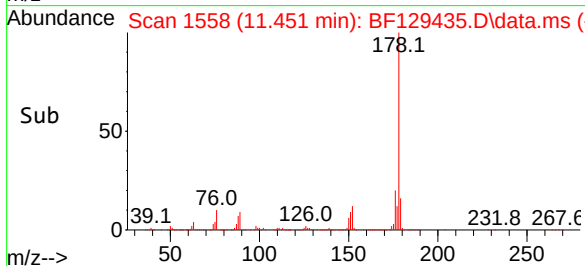
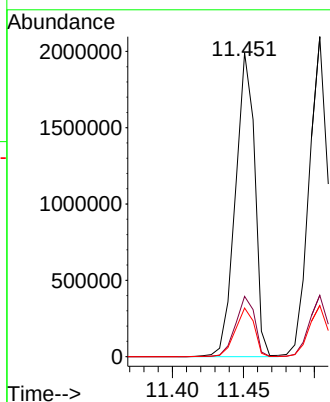
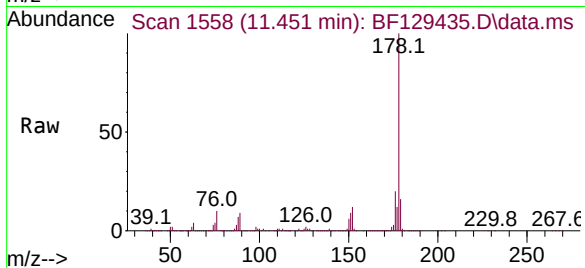
179 16.0 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#72

Anthracene

Concen: 43.635 ng

RT: 11.504 min Scan# 1567

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

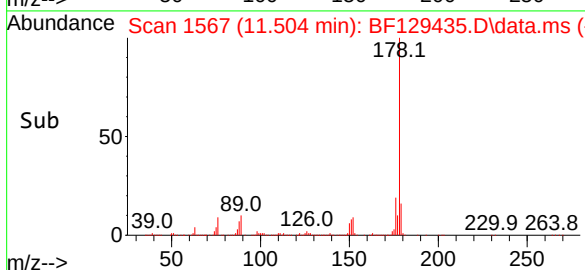
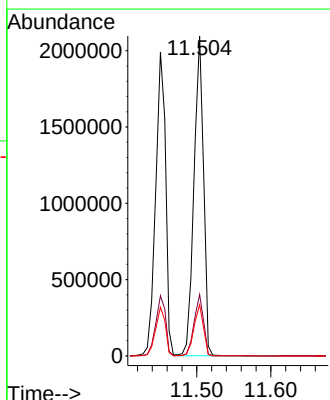
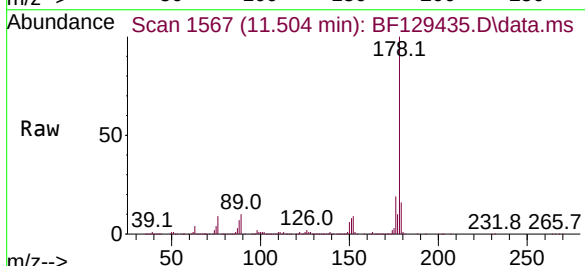
Tgt Ion:178 Resp: 1884429

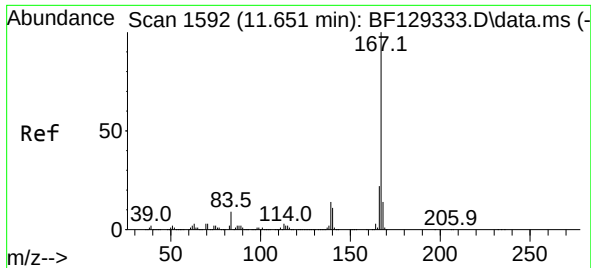
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

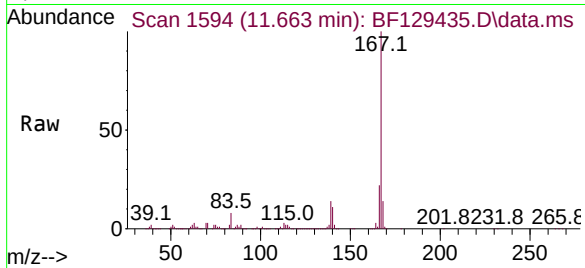
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 44.254 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. 0.012 min
 Lab File: BF129435.D
 Acq: 29 Jul 2022 11:17

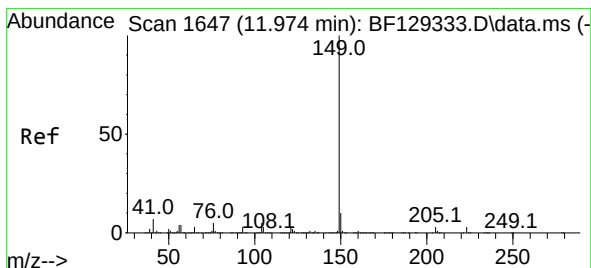
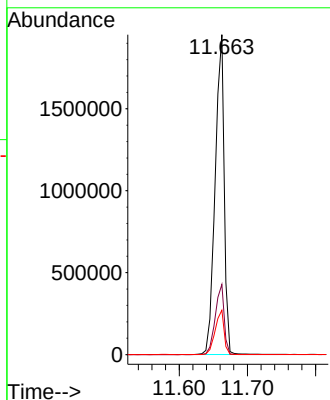
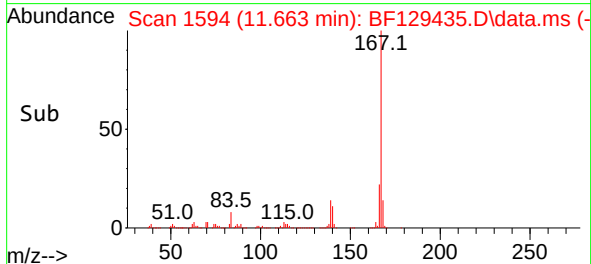
Instrument :
 BNA_F
 ClientSampleId :
 PB146473BSD



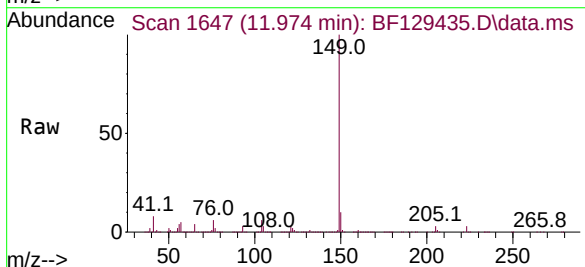
Tgt Ion:167 Resp: 1799078
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.9 11.2 16.8

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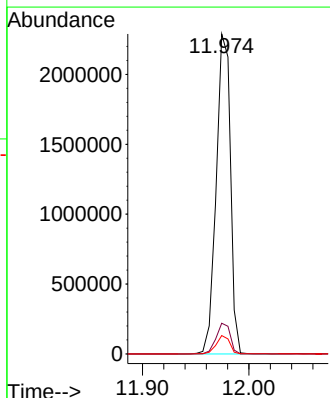
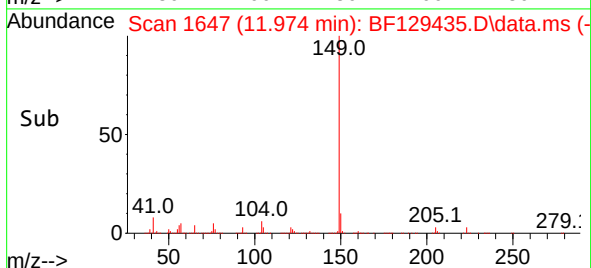
Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022

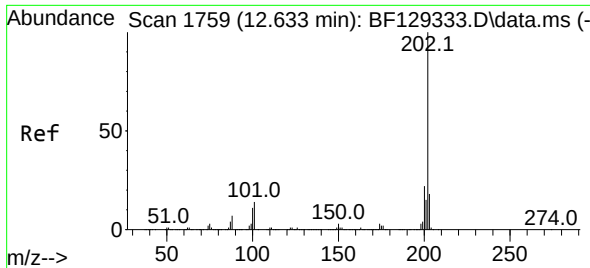


#74
 Di-n-butylphthalate
 Concen: 44.016 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF129435.D
 Acq: 29 Jul 2022 11:17



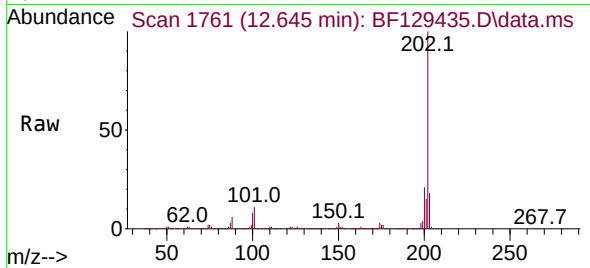
Tgt Ion:149 Resp: 2130967
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 43.301 ng
RT: 12.645 min Scan# 1759
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

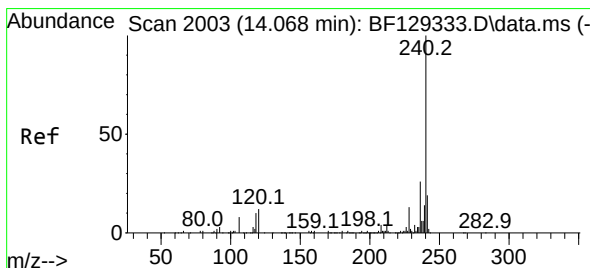
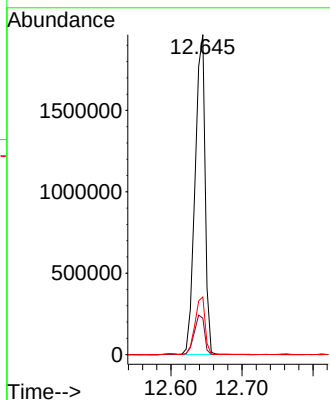
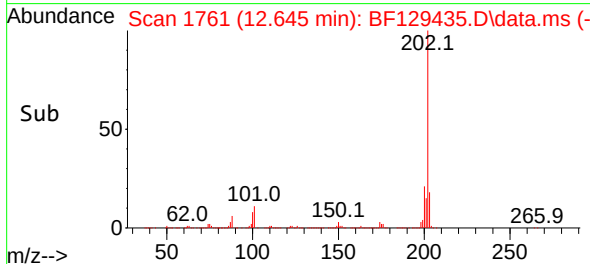
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:202 Resp: 1928108
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.0 0.0 38.0

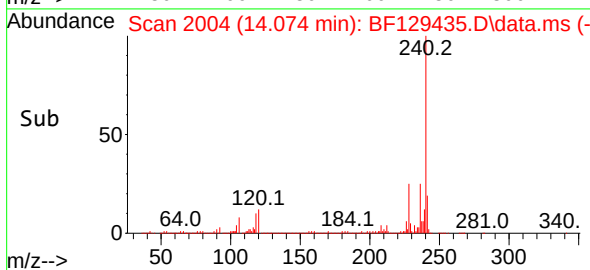
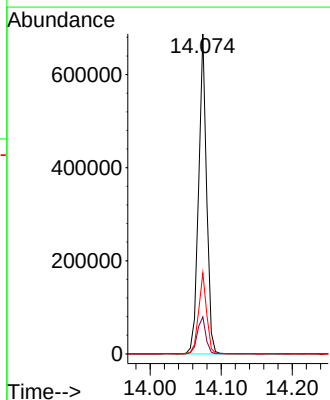
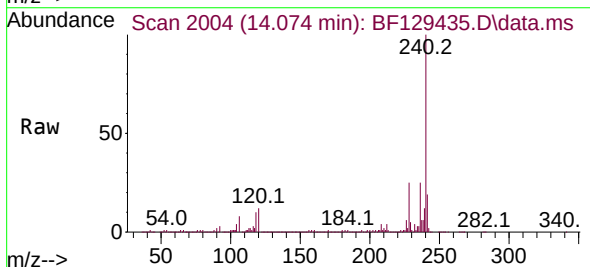
Manual Integrations
APPROVED

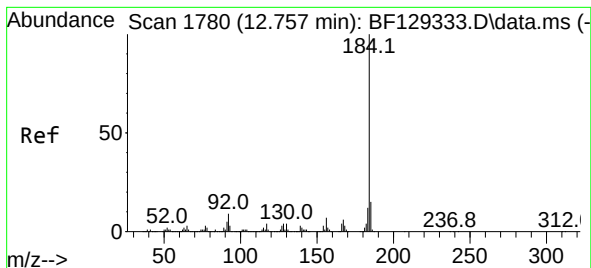
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Tgt Ion:240 Resp: 534792
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.4 20.8 31.2





#77

Benzidine

Concen: 28.410 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

Tgt Ion:184 Resp: 536740

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

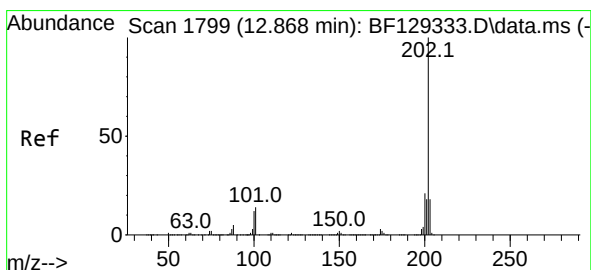
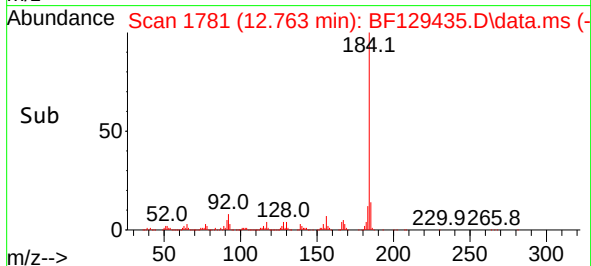
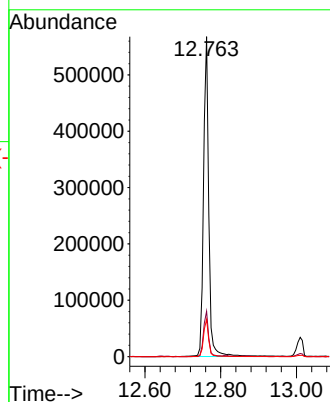
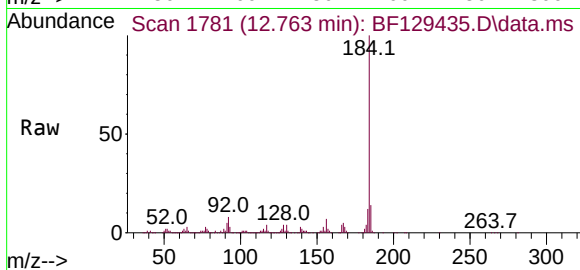
183 11.6 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#78

Pyrene

Concen: 43.898 ng

RT: 12.874 min Scan# 1800

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

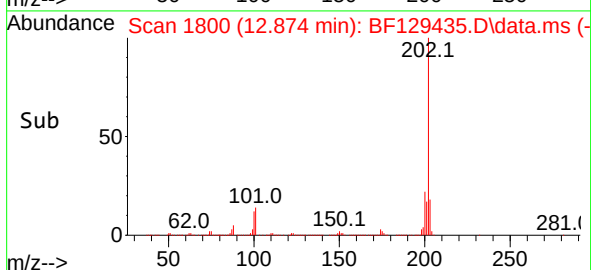
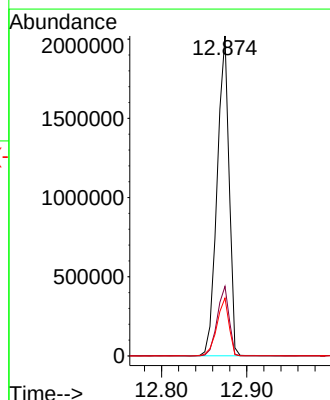
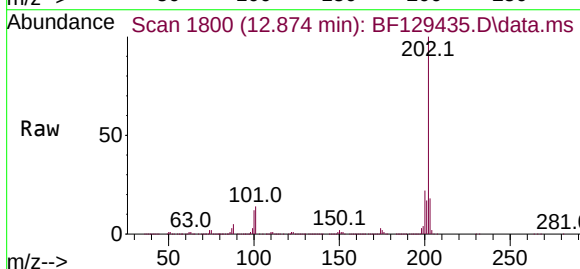
Tgt Ion:202 Resp: 1963171

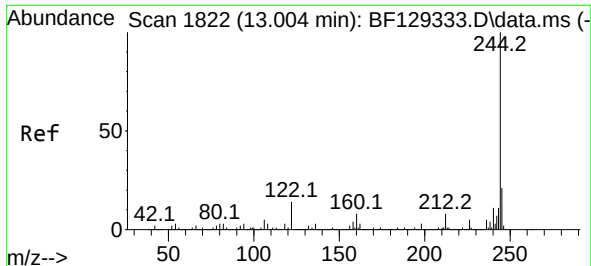
Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

203 18.1 14.6 21.8





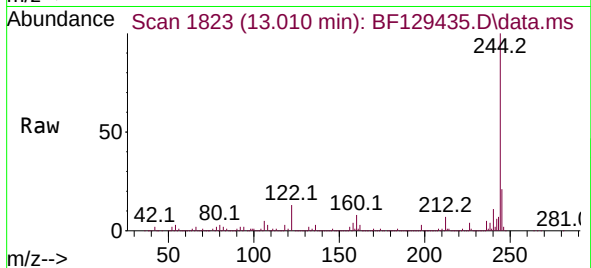
#79
Terphenyl-d14
Concen: 92.677 ng
RT: 13.010 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

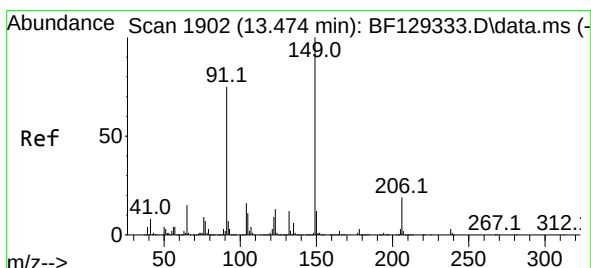
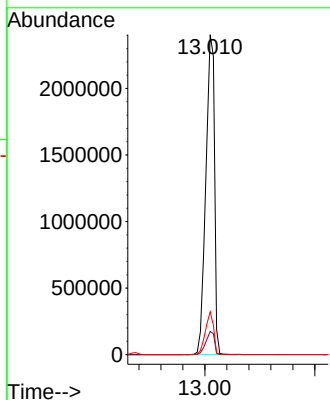
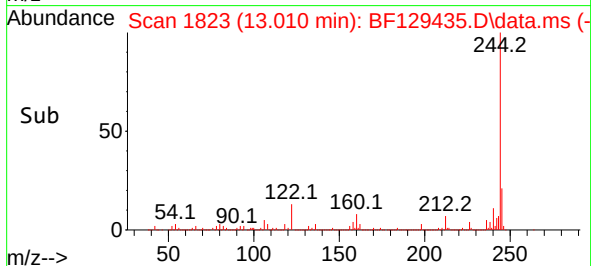


Tgt Ion:244 Resp: 2627136
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.4 8.8 13.2

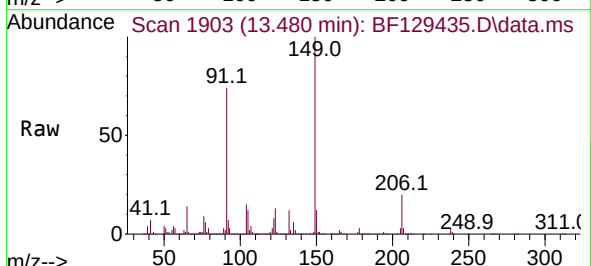
Manual Integrations

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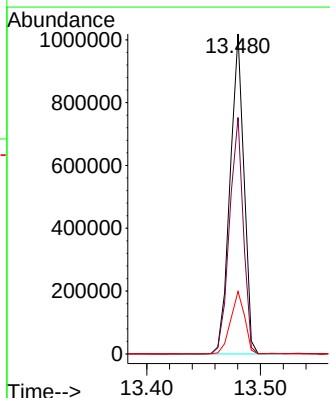
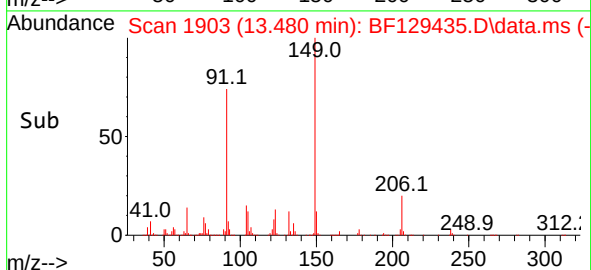
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

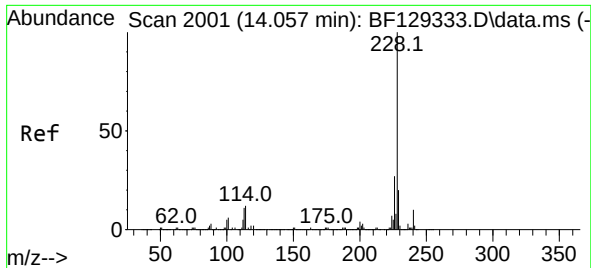


#80
Butylbenzylphthalate
Concen: 44.622 ng
RT: 13.480 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



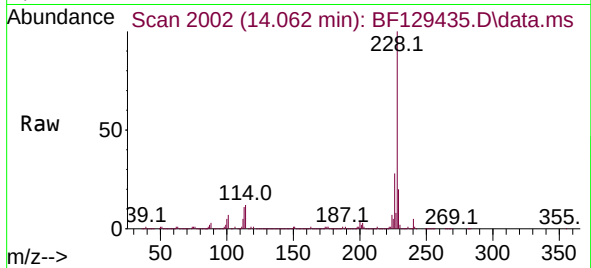
Tgt Ion:149 Resp: 865566
Ion Ratio Lower Upper
149 100
91 73.9 61.2 91.8
206 19.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 42.646 ng
RT: 14.062 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

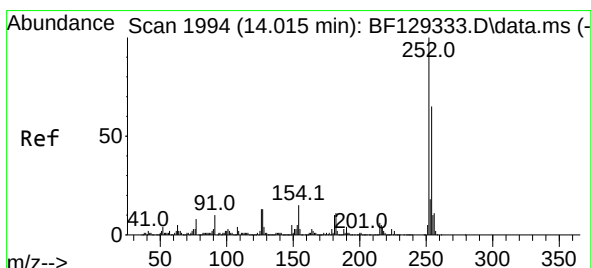
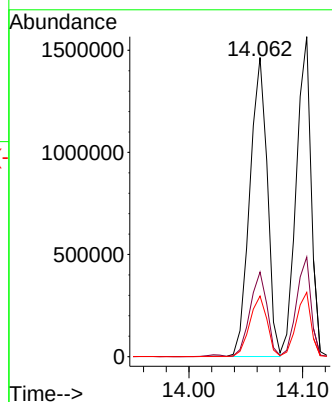
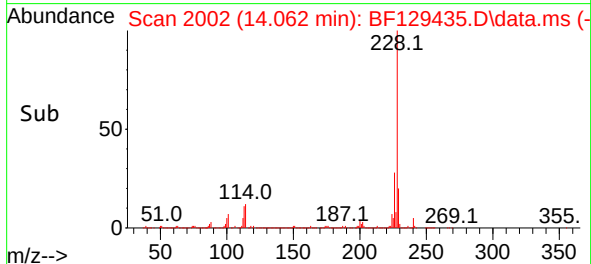
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



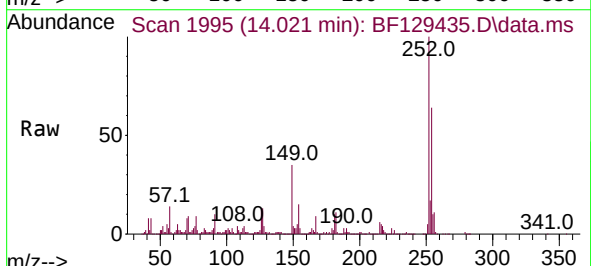
Tgt Ion:228 Resp: 1557915
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.3 15.8 23.8

Manual Integrations
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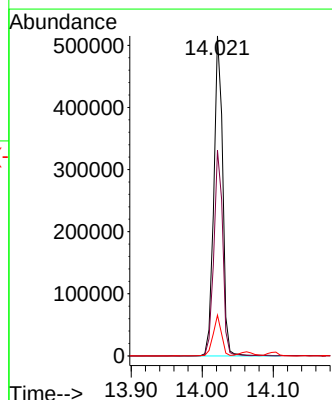
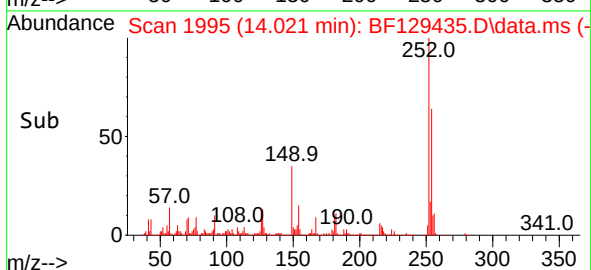
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

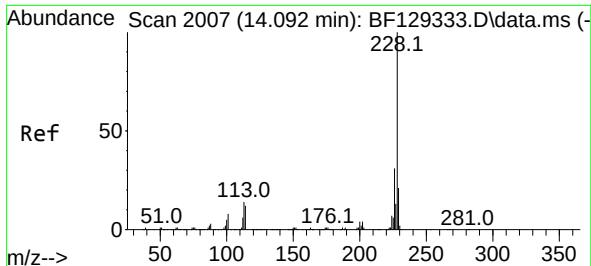


#82
3,3'-Dichlorobenzidine
Concen: 36.964 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17



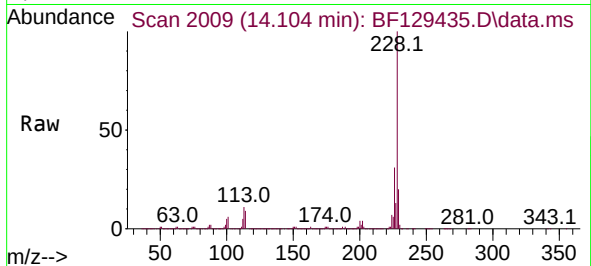
Tgt Ion:252 Resp: 445843
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.4
126 12.7 8.2 12.4





#83
Chrysene
Concen: 41.393 ng
RT: 14.104 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

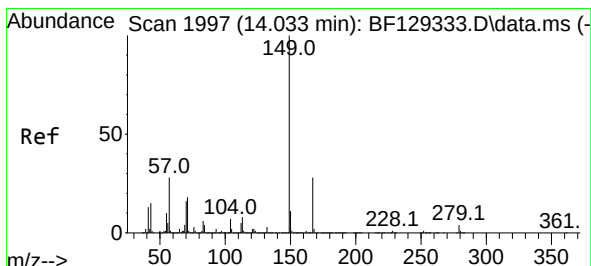
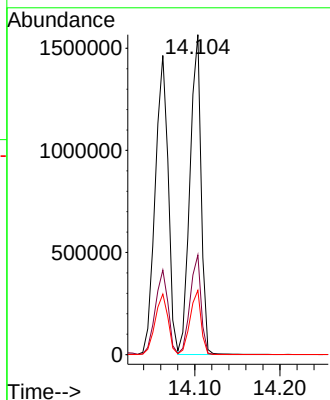
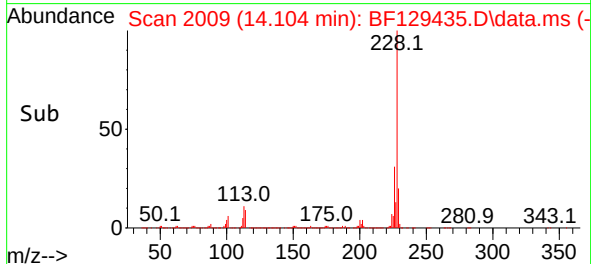
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:228 Resp: 1425138
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 20.1 15.9 23.9

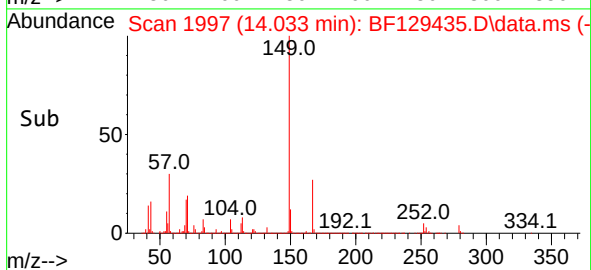
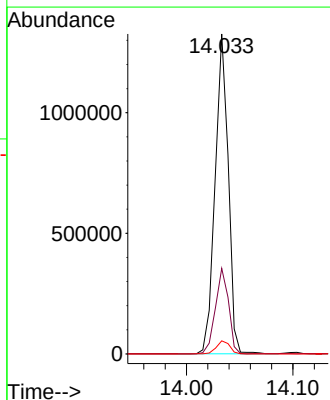
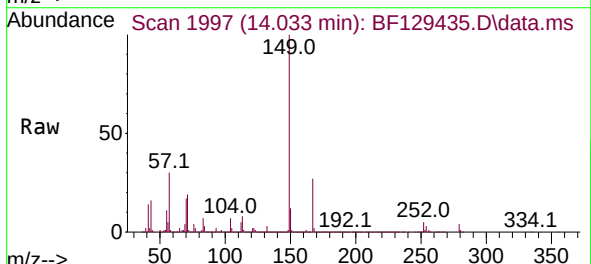
Manual Integrations
APPROVED

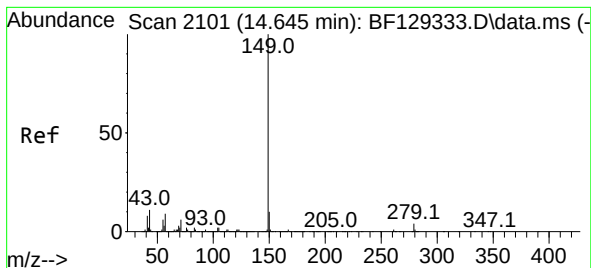
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.672 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Tgt Ion:149 Resp: 1140806
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.226 ng

RT: 14.651 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

Tgt Ion:149 Resp: 1698750

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

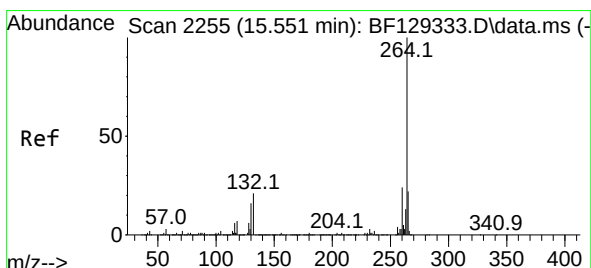
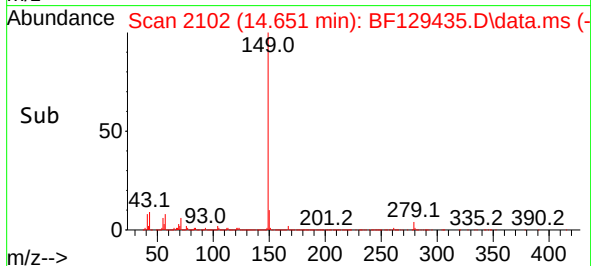
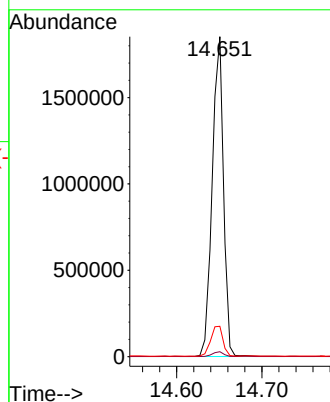
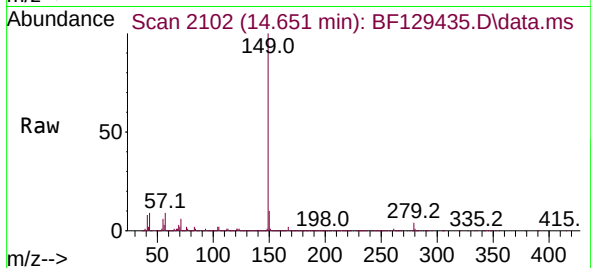
43 10.2 9.2 13.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. 0.012 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

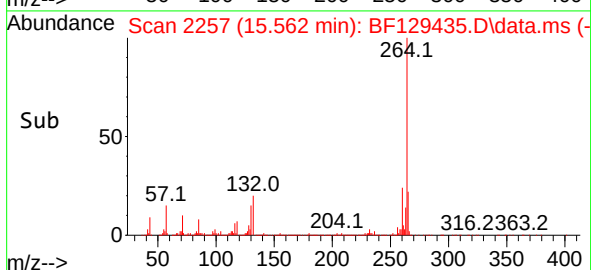
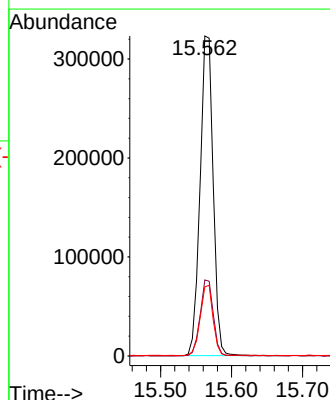
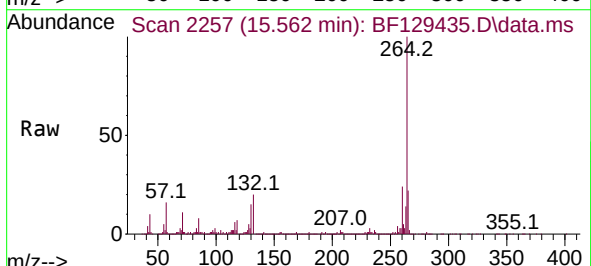
Tgt Ion:264 Resp: 411261

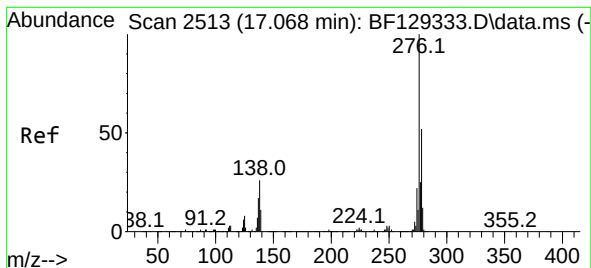
Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.612 ng

RT: 17.092 min Scan# 2181

Delta R.T. 0.024 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

Tgt Ion:276 Resp: 129089

Ion Ratio Lower Upper

276 100

138 25.7 21.1 31.7

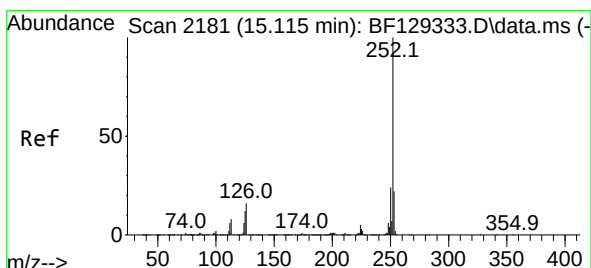
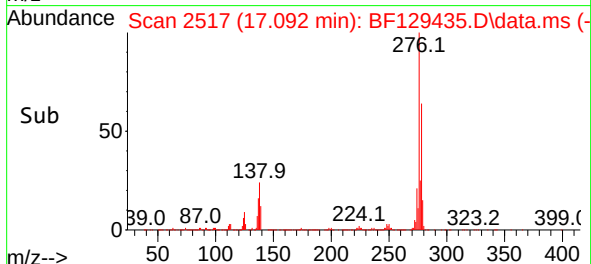
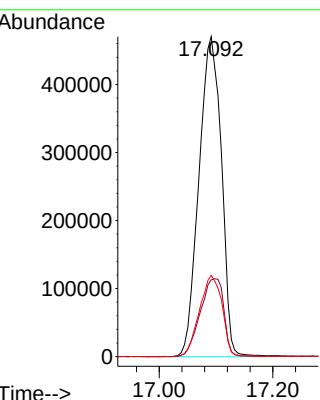
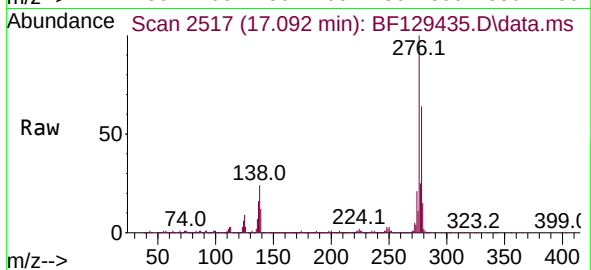
277 25.6 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#88

Benzo(b)fluoranthene

Concen: 47.253 ng

RT: 15.127 min Scan# 2183

Delta R.T. 0.012 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

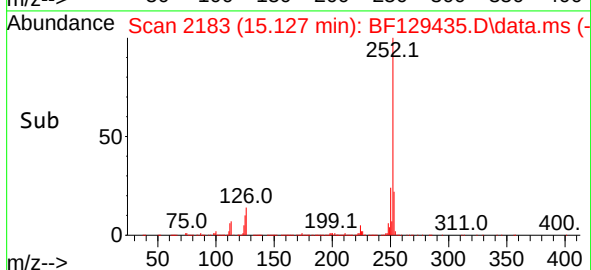
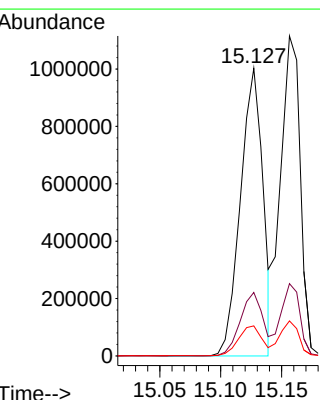
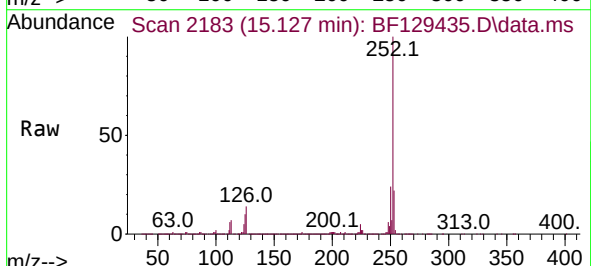
Tgt Ion:252 Resp: 1289069

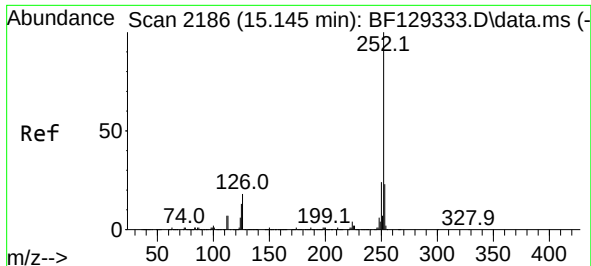
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.111 ng

RT: 15.157 min Scan# 2186

Delta R.T. 0.012 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB146473BSD

Tgt Ion:252 Resp: 1259439

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

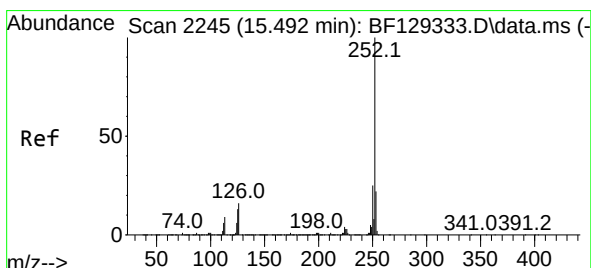
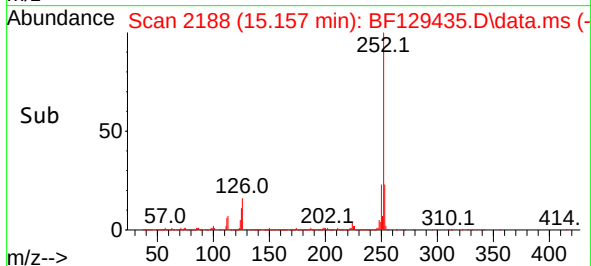
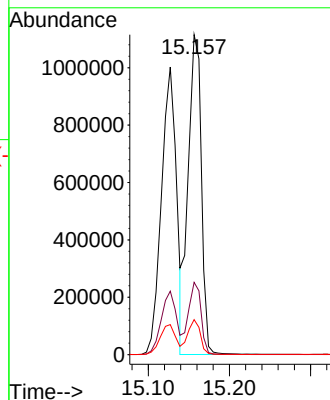
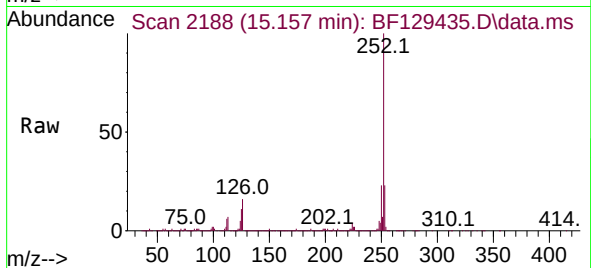
125 10.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#90

Benzo(a)pyrene

Concen: 54.596 ng

RT: 15.504 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF129435.D

Acq: 29 Jul 2022 11:17

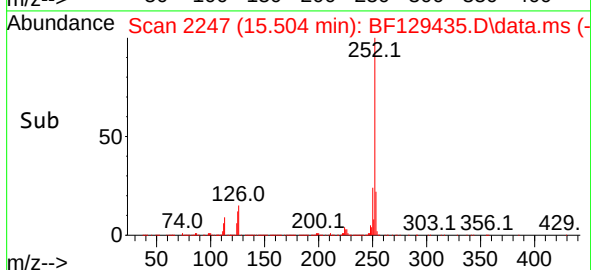
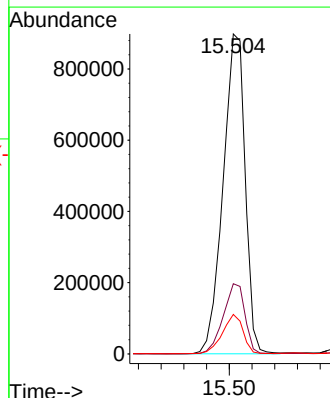
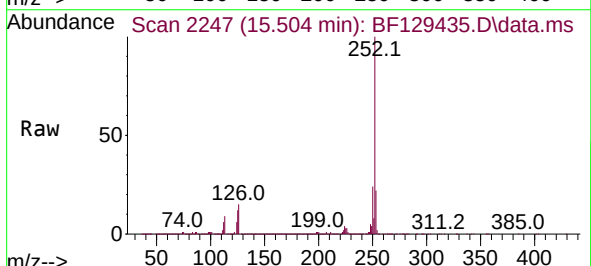
Tgt Ion:252 Resp: 1209053

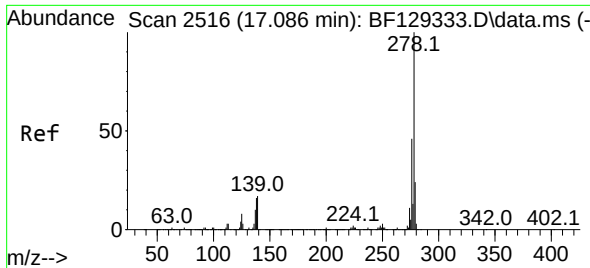
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

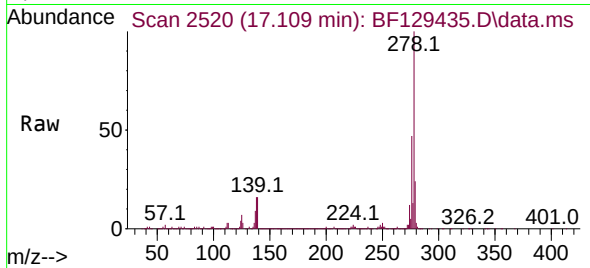
125 12.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 49.820 ng
RT: 17.109 min Scan# 2520
Delta R.T. 0.023 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

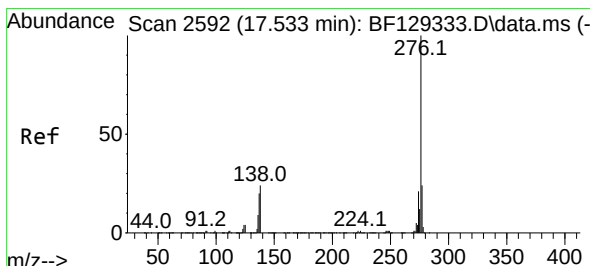
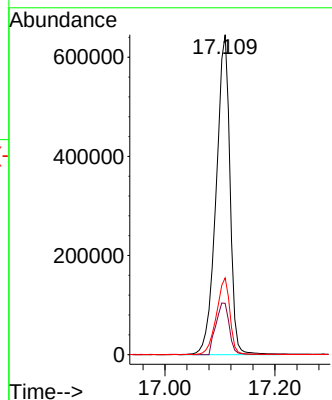
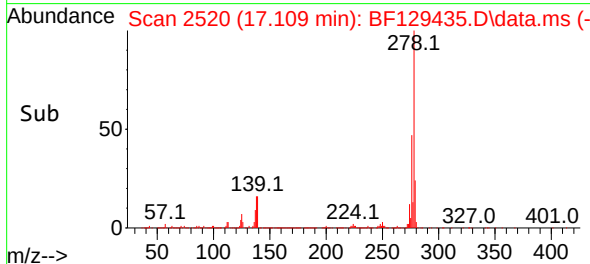
Instrument :
BNA_F
ClientSampleId :
PB146473BSD



Tgt Ion:278 Resp: 1122989
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#92
Benzo(g,h,i)perylene
Concen: 50.407 ng
RT: 17.556 min Scan# 2596
Delta R.T. 0.023 min
Lab File: BF129435.D
Acq: 29 Jul 2022 11:17

Tgt Ion:276 Resp: 1161031
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 21.4 18.0 27.0

