

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129192.D
 Acq On : 12 Jul 2022 16:41
 Operator : CG\JU
 Sample : N3648-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP1-0708MSD

Quant Time: Jul 12 17:17:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.933	152	332130	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	1167421	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	414904	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	689360	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	406130	20.000	ng	0.00
86) Perylene-d12	15.627	264	386318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	2479035	126.190	ng	0.03
7) Phenol-d6	6.569	99	2928103	120.010	ng	0.00
23) Nitrobenzene-d5	7.504	82	2171475	110.946	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	727844	161.332	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	2628020	101.331	ng	0.00
79) Terphenyl-d14	13.057	244	2555542	130.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.069	88	402011	45.899	ng	91
3) Pyridine	3.757	79	954007	44.601	ng	90
4) n-Nitrosodimethylamine	3.692	42	539541	55.675	ng	85
6) Aniline	6.604	93	908273m	33.286	ng	
8) 2-Chlorophenol	6.728	128	1109033	53.732	ng	97
9) Benzaldehyde	6.492	77	390281	32.690	ng	99
10) Phenol	6.586	94	1127647m	45.616	ng	
11) bis(2-Chloroethyl)ether	6.675	93	1149104	58.729	ng	94
12) 1,3-Dichlorobenzene	6.881	146	1142897	50.302	ng	98
13) 1,4-Dichlorobenzene	6.957	146	1152986	50.311	ng	99
14) 1,2-Dichlorobenzene	7.104	146	1115262	51.769	ng	98
15) Benzyl Alcohol	7.081	79	928235	54.085	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.210	45	1698122	60.765	ng	92
17) 2-Methylphenol	7.186	107	908940	54.118	ng	99
18) Hexachloroethane	7.445	117	436615	54.267	ng	# 86
19) n-Nitroso-di-n-propyla...	7.351	70	800331	56.704	ng	94
20) 3+4-Methylphenols	7.339	107	1032920	48.362	ng	95
22) Acetophenone	7.351	105	1503482	56.141	ng	# 98
24) Nitrobenzene	7.522	77	1180032	62.312	ng	97
25) Isophorone	7.763	82	2143980	64.816	ng	98
26) 2-Nitrophenol	7.833	139	581347	66.052	ng	94
27) 2,4-Dimethylphenol	7.869	122	976168	61.434	ng	98
28) bis(2-Chloroethoxy)met...	7.963	93	1315976	57.929	ng	99
29) 2,4-Dichlorophenol	8.075	162	863288	53.266	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	895712	50.223	ng	96
31) Naphthalene	8.245	128	2747357	51.839	ng	99
32) Benzoic acid	8.039	122	1165544	91.426	ng	98
33) 4-Chloroaniline	8.286	127	491892	23.034	ng	98
34) Hexachlorobutadiene	8.351	225	544503	51.131	ng	99
35) Caprolactam	8.675	113	198616m	38.646	ng	
36) 4-Chloro-3-methylphenol	8.775	107	656672	39.879	ng	95
37) 2-Methylnaphthalene	8.933	142	1382556	38.768	ng	100
38) 1-Methylnaphthalene	9.033	142	1316881	38.025	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	658469	56.462	ng	98
41) Hexachlorocyclopentadiene	9.086	237	699054	113.557	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	425554	53.572	ng	97

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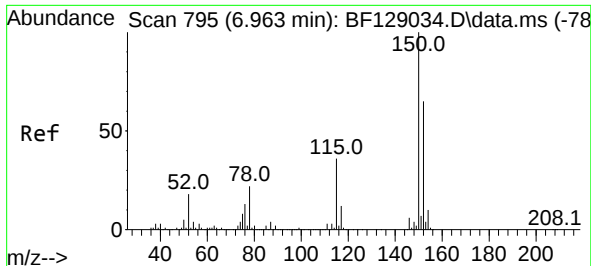
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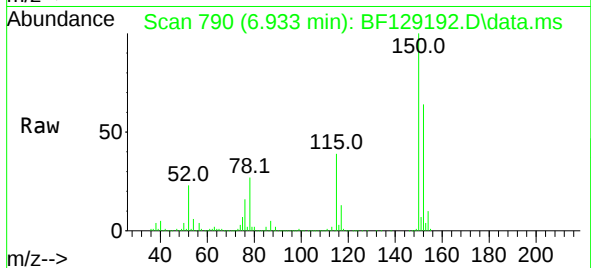
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	445224	52.692	ng	# 92
46) 1,1'-Biphenyl	9.398	154	1681859	56.384	ng	99
47) 2-Chloronaphthalene	9.427	162	1254232	54.450	ng	99
48) 2-Nitroaniline	9.522	65	403464	66.502	ng	94
49) Acenaphthylene	9.845	152	1970298	56.292	ng	99
50) Dimethylphthalate	9.704	163	1445551	55.691	ng	99
51) 2,6-Dinitrotoluene	9.763	165	318671	60.081	ng	90
52) Acenaphthene	10.016	154	1394920m	61.184	ng	
53) 3-Nitroaniline	9.933	138	232875	36.818	ng	# 96
54) 2,4-Dinitrophenol	10.045	184	340089	115.257	ng	# 84
55) Dibenzofuran	10.186	168	1755371	52.876	ng	94
56) 4-Nitrophenol	10.098	139	488195	94.465	ng	94
57) 2,4-Dinitrotoluene	10.169	165	421502	64.371	ng	96
58) Fluorene	10.533	166	1379901	53.736	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.304	232	358124	51.160	ng	96
60) Diethylphthalate	10.398	149	1446554	55.617	ng	99
61) 4-Chlorophenyl-phenyle...	10.521	204	678043	52.995	ng	96
62) 4-Nitroaniline	10.557	138	327607	52.232	ng	98
63) Azobenzene	10.680	77	1411069	55.374	ng	95
65) 4,6-Dinitro-2-methylph...	10.580	198	192867	63.239	ng	89
66) n-Nitrosodiphenylamine	10.639	169	1195168	57.086	ng	95
67) 4-Bromophenyl-phenylether	11.010	248	421590	57.493	ng	96
68) Hexachlorobenzene	11.080	284	480562	58.854	ng	94
69) Atrazine	11.168	200	380737	64.627	ng	99
70) Pentachlorophenol	11.274	266	526676	108.292	ng	100
71) Phenanthrene	11.498	178	1821322	55.296	ng	99
72) Anthracene	11.551	178	1849253	56.945	ng	100
73) Carbazole	11.704	167	1682594	51.708	ng	99
74) Di-n-butylphthalate	12.021	149	2058687	60.004	ng	99
75) Fluoranthene	12.686	202	1775526	51.545	ng	99
77) Benzidine	12.804	184	369630	51.113	ng	98
78) Pyrene	12.921	202	1727553	61.367	ng	99
80) Butylbenzylphthalate	13.527	149	752302	65.598	ng	95
81) Benzo(a)anthracene	14.109	228	1381280	55.702	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	368363	68.748	ng	98
83) Chrysene	14.145	228	1261783	54.810	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	984410	64.588	ng	99
85) Di-n-octyl phthalate	14.698	149	1431906	63.642	ng	97
87) Indeno(1,2,3-cd)pyrene	17.174	276	1853194	78.214	ng	98
88) Benzo(b)fluoranthene	15.186	252	1335251	57.472	ng	99
89) Benzo(k)fluoranthene	15.215	252	1224669	54.347	ng	99
90) Benzo(a)pyrene	15.568	252	1127548	59.533	ng	98
91) Dibenzo(a,h)anthracene	17.198	278	1586673	82.147	ng	96
92) Benzo(g,h,i)perylene	17.656	276	1701891	87.824	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.933 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

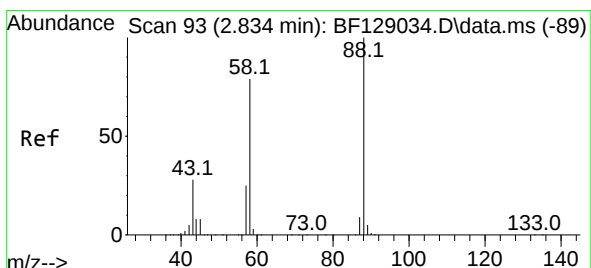
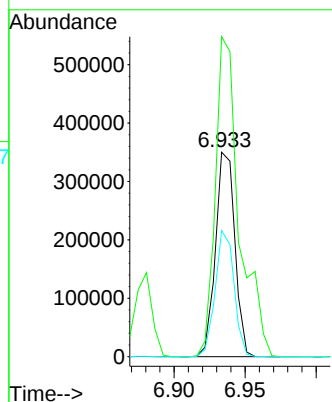
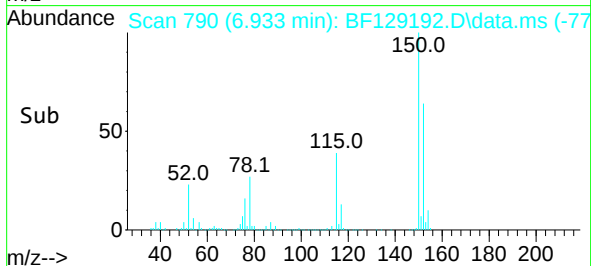
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



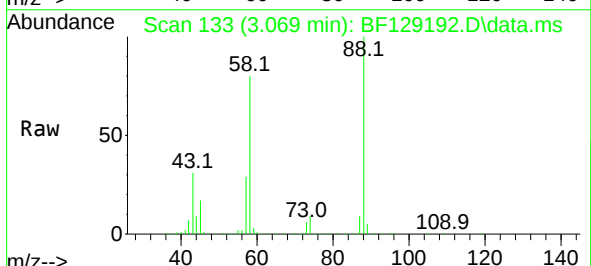
Tgt Ion:152 Resp: 332130
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 61.6 49.9 74.9

Manual Integrations
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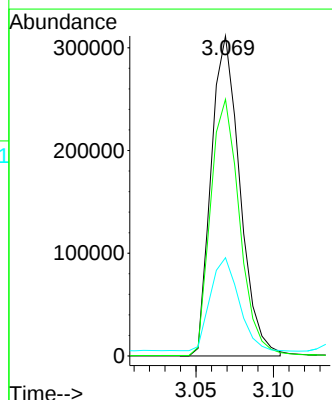
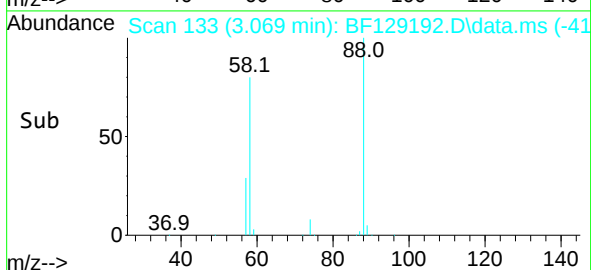
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

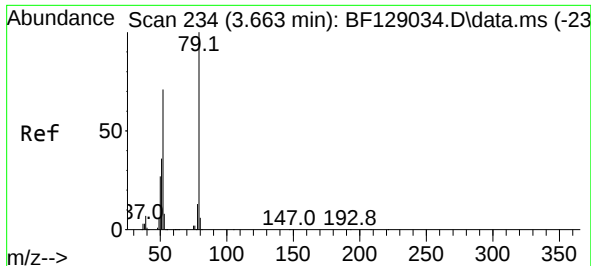


#2
1,4-Dioxane
Concen: 45.899 ng
RT: 3.069 min Scan# 133
Delta R.T. 0.241 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



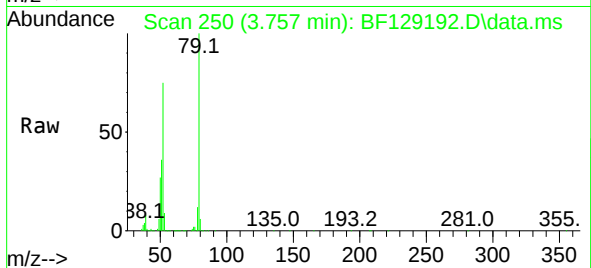
Tgt Ion: 88 Resp: 402011
Ion Ratio Lower Upper
88 100
58 80.7 71.8 107.8
43 28.7 26.6 39.8





#3
 Pyridine
 Concen: 44.601 ng
 RT: 3.757 min Scan# 21
 Delta R.T. 0.153 min
 Lab File: BF129192.D
 Acq: 12 Jul 2022 16:41

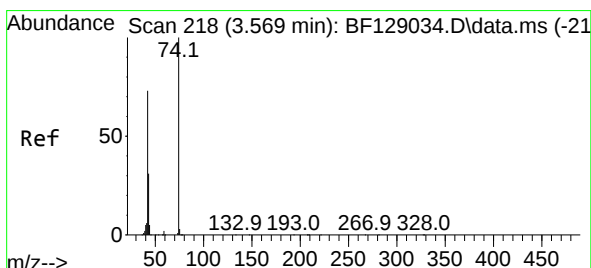
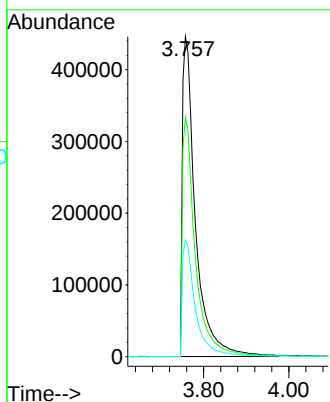
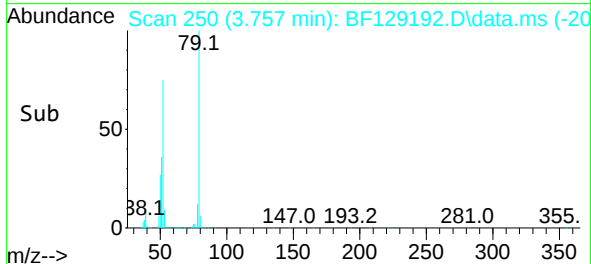
Instrument :
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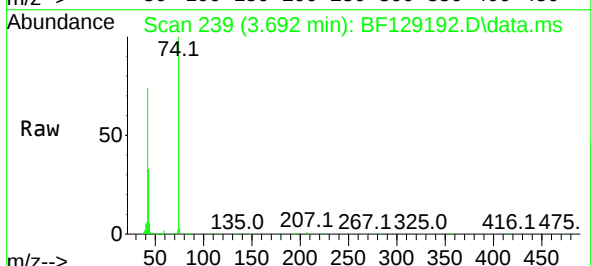
Tgt Ion: 79 Resp: 95400
 Ion Ratio Lower Upper
 79 100
 52 74.8 68.6 102.8
 51 36.4 32.9 49.3

Manual Integrations
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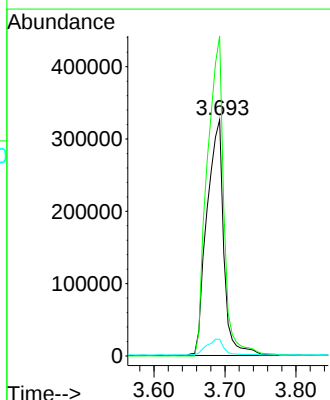
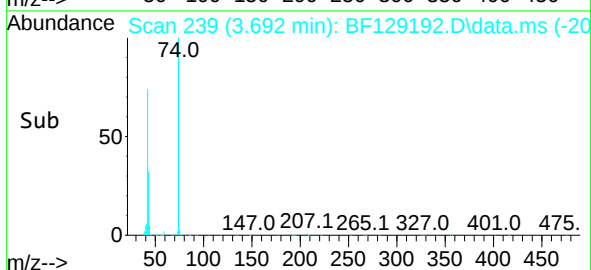
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 Supervised By :Jagrut Upadhyay 07/13/2022

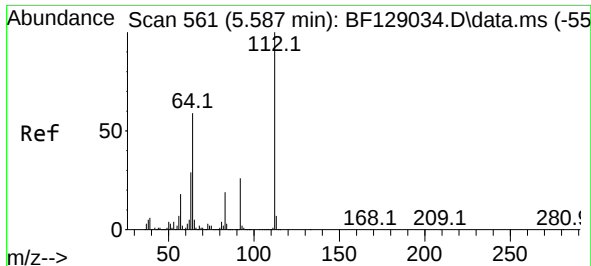


#4
 n-Nitrosodimethylamine
 Concen: 55.675 ng
 RT: 3.692 min Scan# 239
 Delta R.T. 0.129 min
 Lab File: BF129192.D
 Acq: 12 Jul 2022 16:41



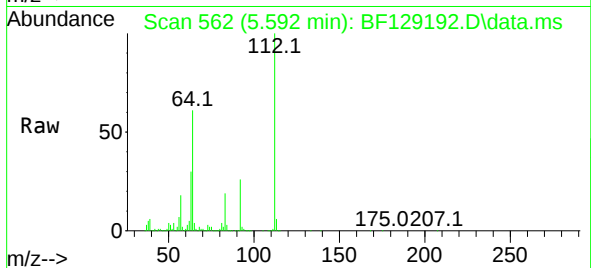
Tgt Ion: 42 Resp: 539541
 Ion Ratio Lower Upper
 42 100
 74 135.5 94.8 142.2
 44 7.0 6.6 10.0





#5
2-Fluorophenol
Concen: 126.190 ng
RT: 5.592 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

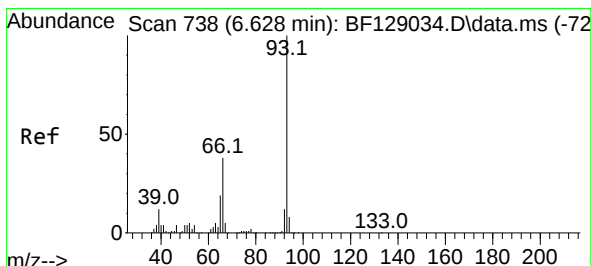
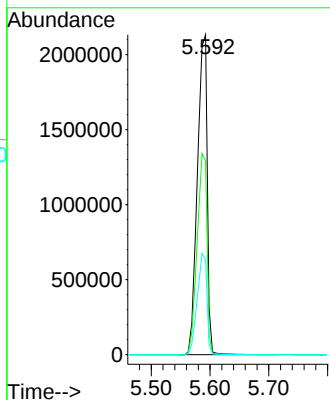
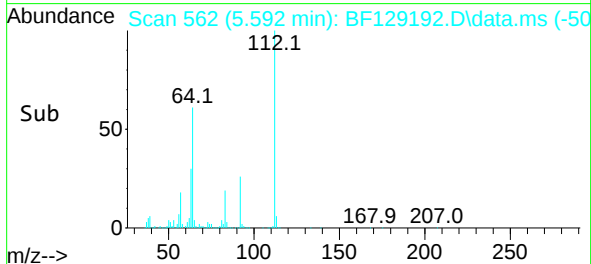
Instrument :
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Tgt Ion:112 Resp: 2479035
Ion Ratio Lower Upper
112 100
64 60.5 53.3 79.9
63 29.7 28.0 42.0

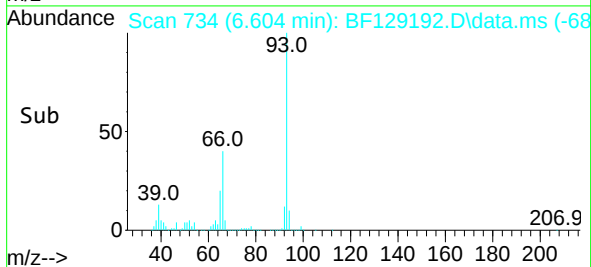
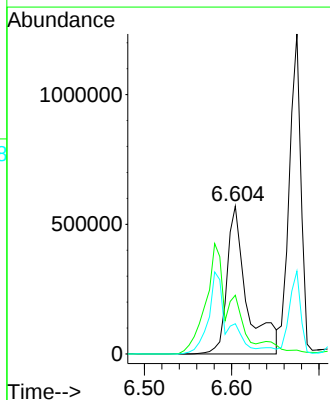
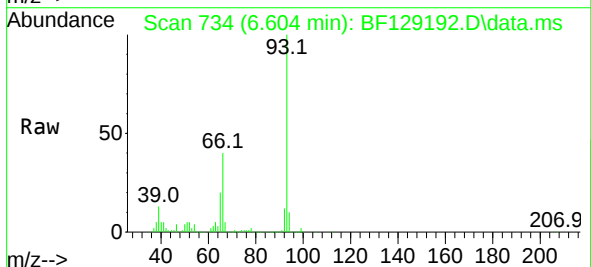
Manual Integrations
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#6
Aniline
Concen: 33.286 ng m
RT: 6.604 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

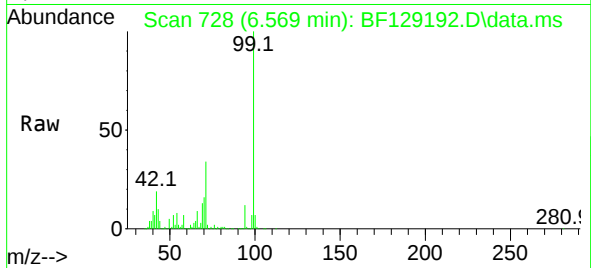
Tgt Ion: 93 Resp: 908273
Ion Ratio Lower Upper
93 100
66 39.8 32.5 48.7
65 20.4 16.4 24.6





#7
Phenol-d6
Concen: 120.010 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

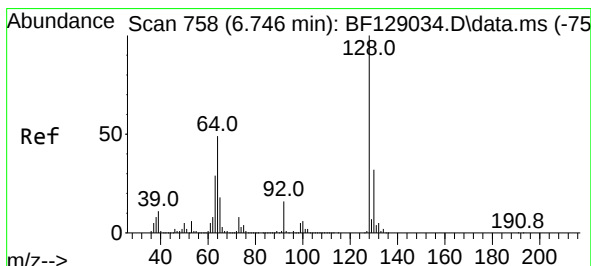
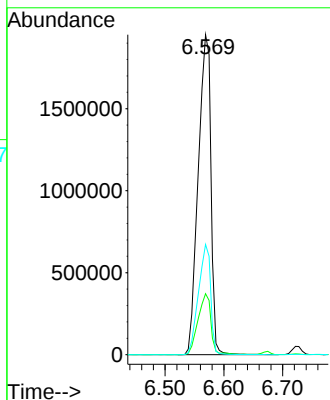
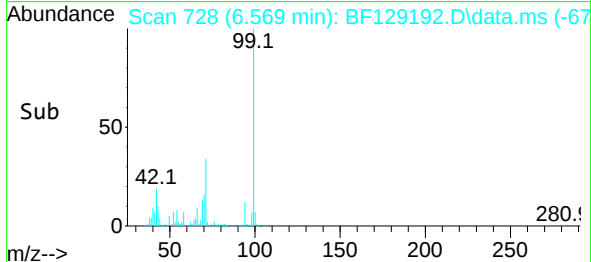
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion: 99 Resp: 292810
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 34.4 28.9 43.3

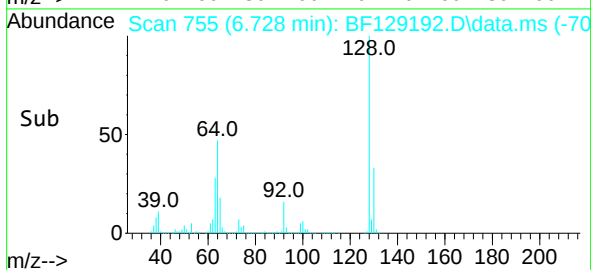
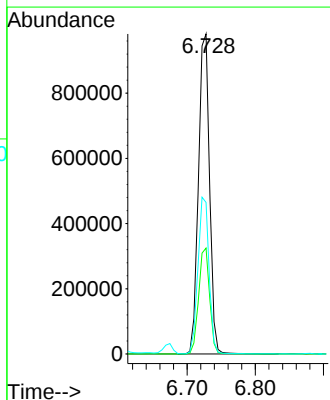
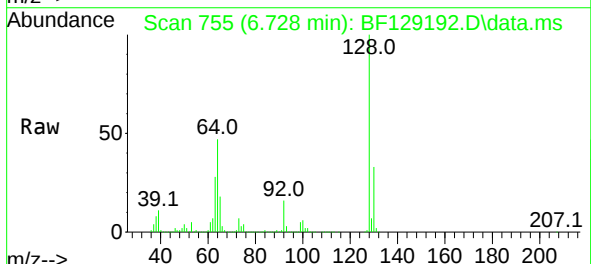
Manual Integrations
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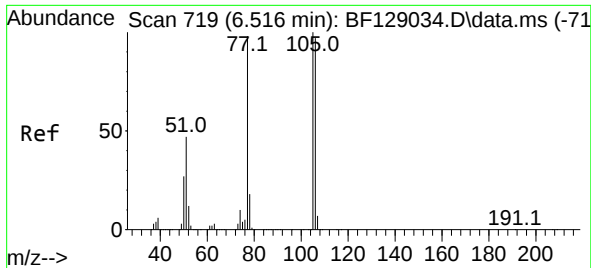
Reviewed By :Christian Giraldo 07/13/2022
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#8
2-Chlorophenol
Concen: 53.732 ng
RT: 6.728 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Tgt Ion:128 Resp: 1109033
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 47.4 30.9 70.9





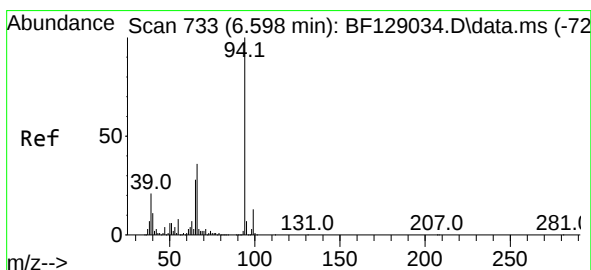
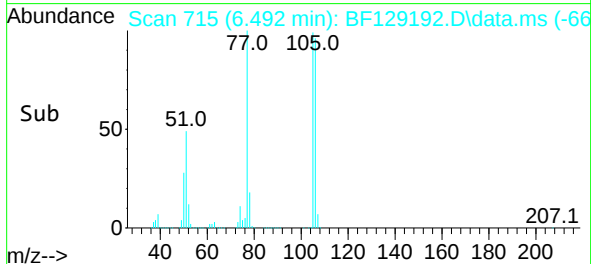
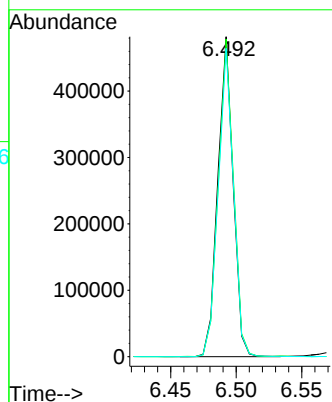
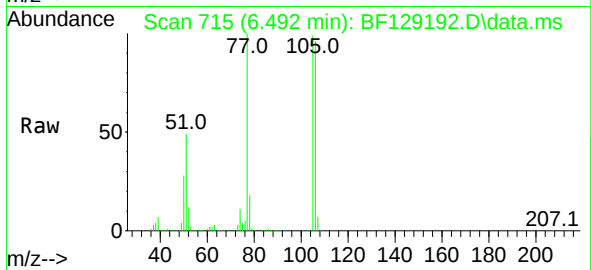
#9
Benzaldehyde
Concen: 32.690 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD

Tgt Ion: 77 Resp: 39028
Ion Ratio Lower Upper
77 100
105 99.2 81.6 121.6
106 96.4 76.1 116.1

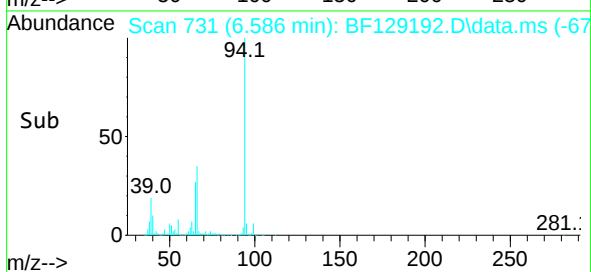
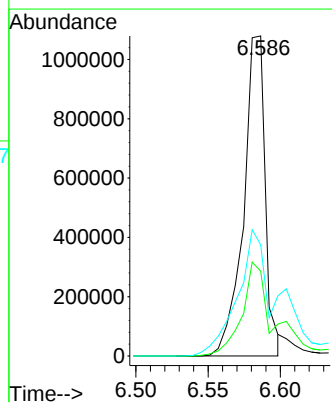
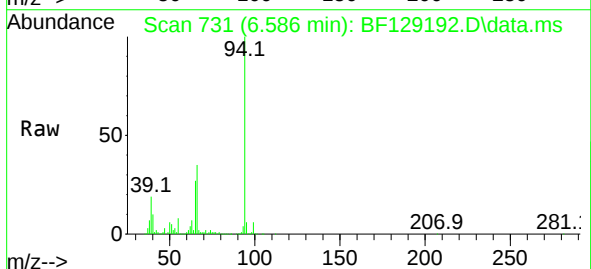
Manual Integrations
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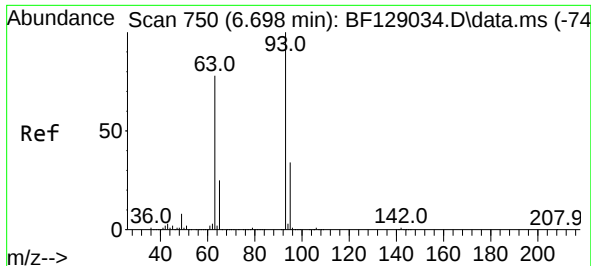
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#10
Phenol
Concen: 45.616 ng m
RT: 6.586 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

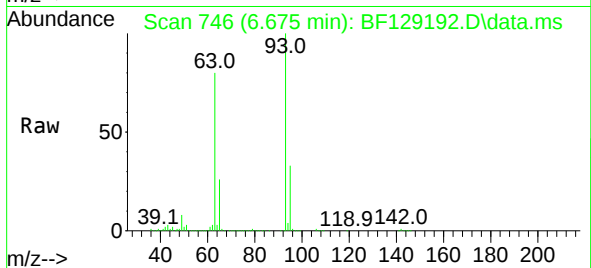
Tgt Ion: 94 Resp: 1127647
Ion Ratio Lower Upper
94 100
65 26.5 11.4 51.4
66 34.8 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 58.729 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

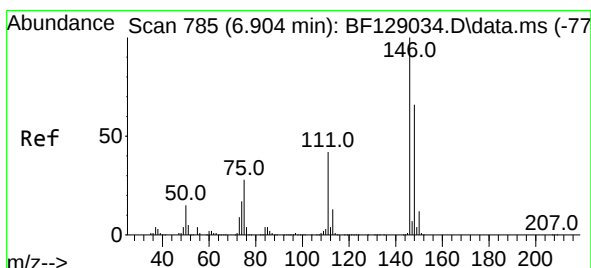
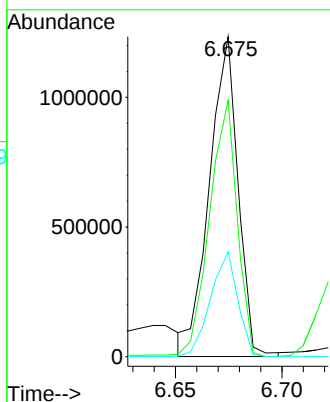
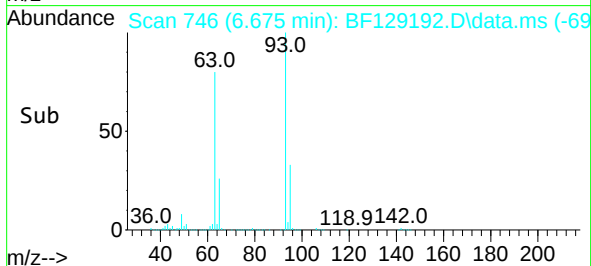
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



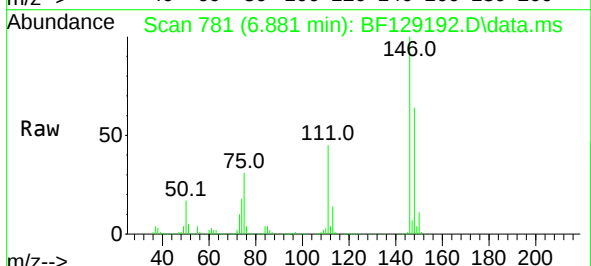
Tgt Ion: 93 Resp: 1149104
Ion Ratio Lower Upper
93 100
63 80.1 67.4 107.4
95 32.8 12.7 52.7

Manual Integrations
APPROVED

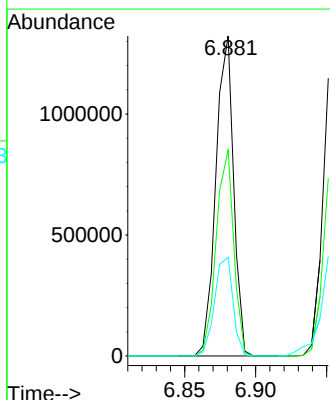
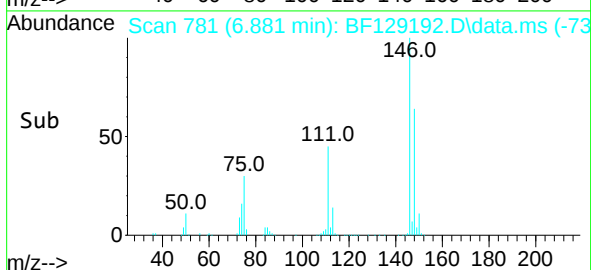
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

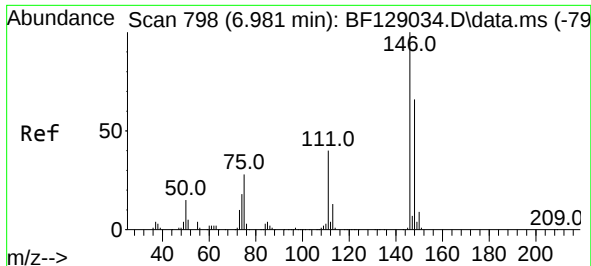


#12
1,3-Dichlorobenzene
Concen: 50.302 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



Tgt Ion:146 Resp: 1142897
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
75 30.8 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.311 ng

RT: 6.957 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD

Tgt Ion:146 Resp: 1152980

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

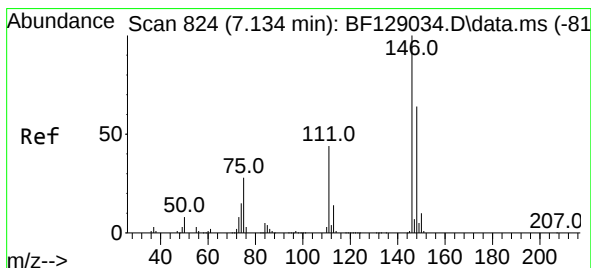
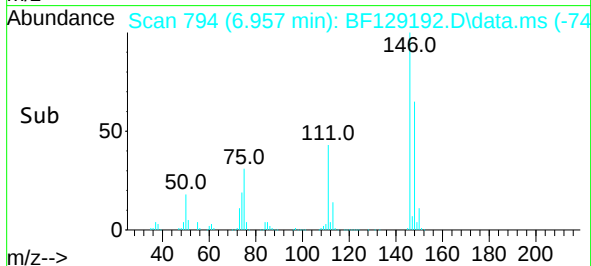
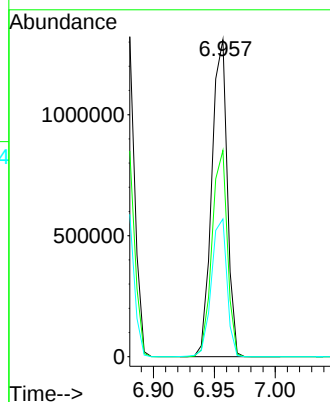
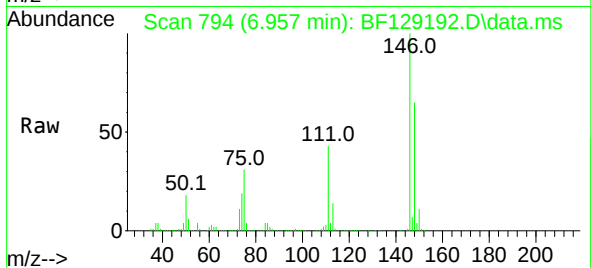
111 43.5 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#14

1,2-Dichlorobenzene

Concen: 51.769 ng

RT: 7.104 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

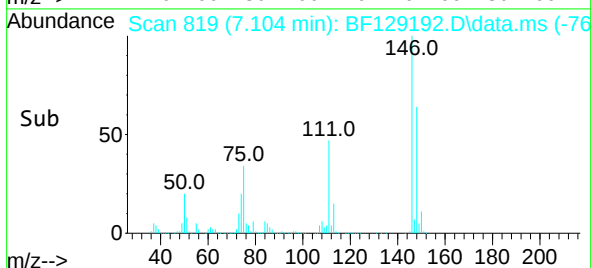
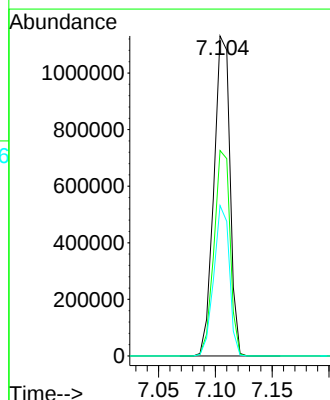
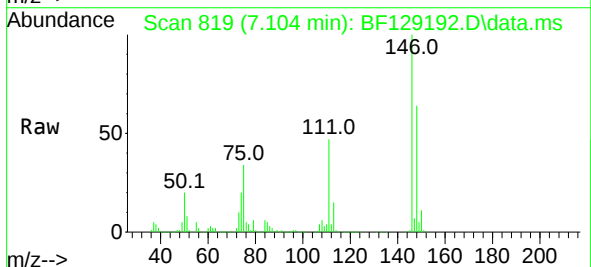
Tgt Ion:146 Resp: 1115262

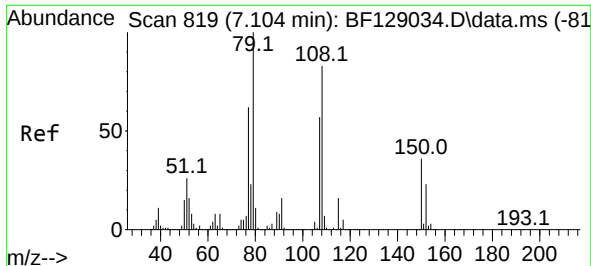
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

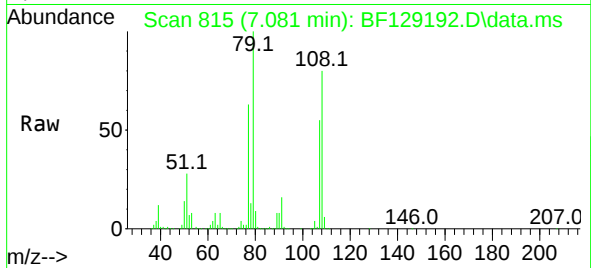
111 47.0 35.1 52.7





#15
Benzyl Alcohol
Concen: 54.085 ng
RT: 7.081 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

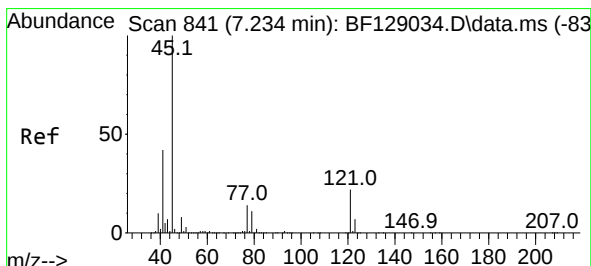
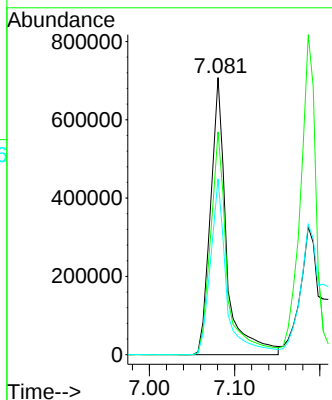
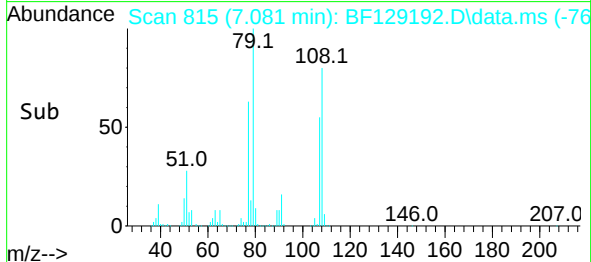
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



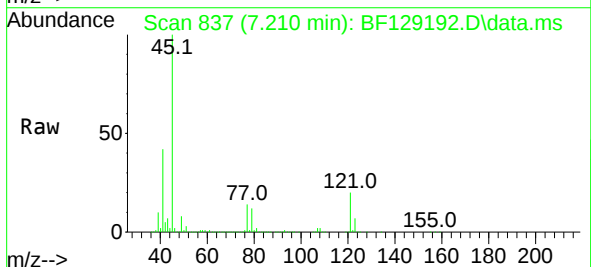
Tgt Ion: 79 Resp: 928235
Ion Ratio Lower Upper
79 100
108 80.5 61.8 92.6
77 63.4 50.2 75.4

Manual Integrations
APPROVED

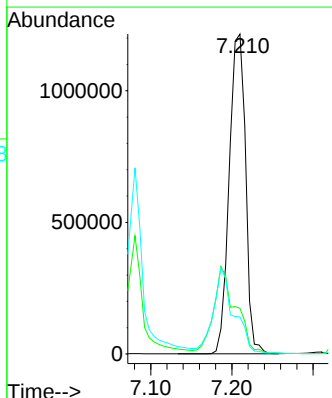
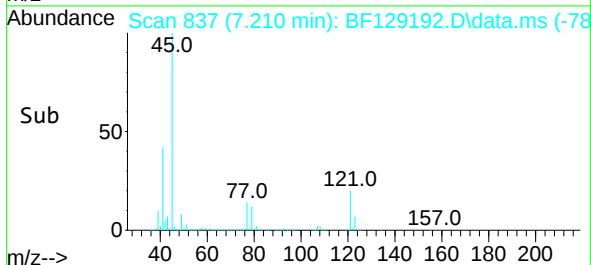
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

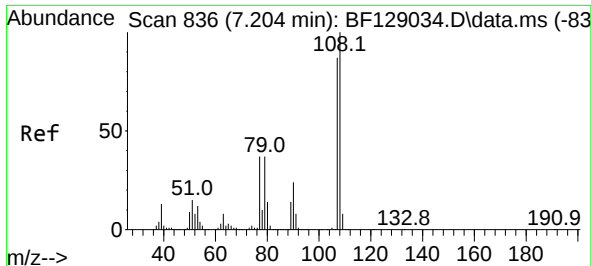


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.765 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



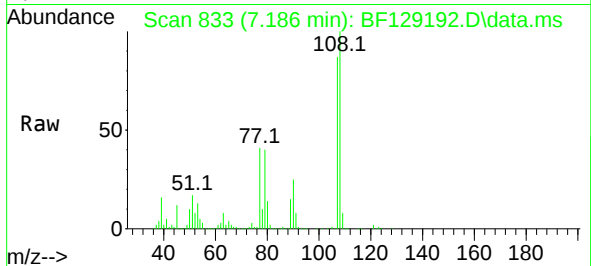
Tgt Ion: 45 Resp: 1698122
Ion Ratio Lower Upper
45 100
77 14.3 0.0 31.3
79 11.6 0.0 28.3





#17
2-Methylphenol
Concen: 54.118 ng
RT: 7.186 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

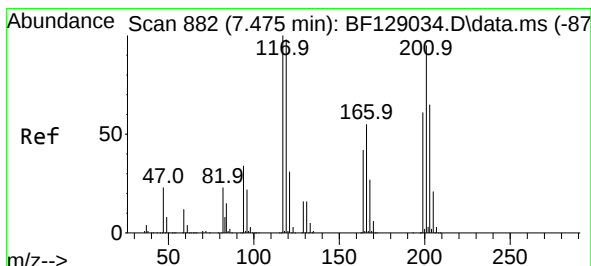
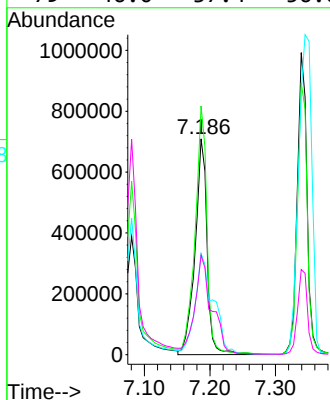
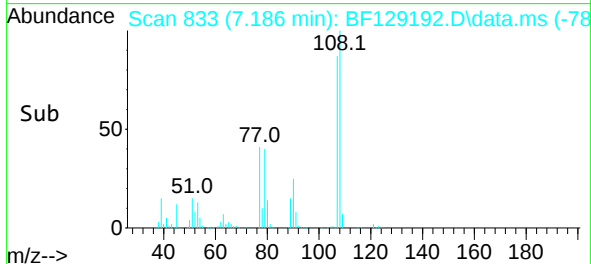
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:107 Resp: 908940
Ion Ratio Lower Upper
107 100
108 115.2 91.9 137.9
77 46.9 37.8 56.8
79 46.0 37.4 56.0

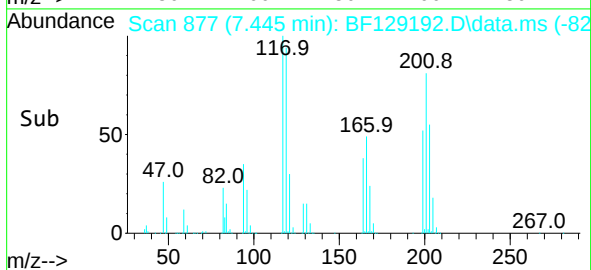
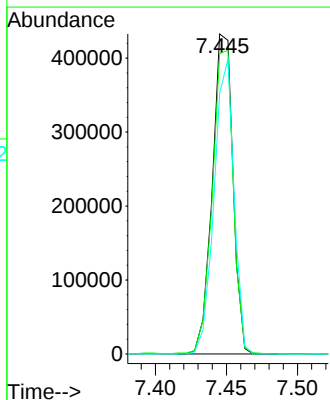
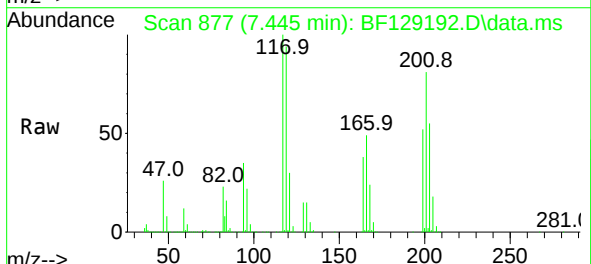
Manual Integrations
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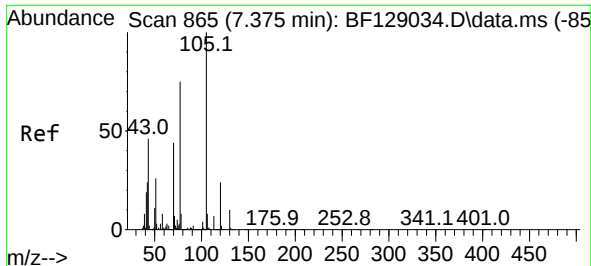
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#18
Hexachloroethane
Concen: 54.267 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

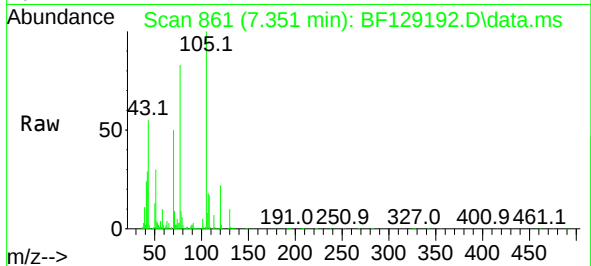
Tgt Ion:117 Resp: 436615
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2
201 81.4 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 56.704 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

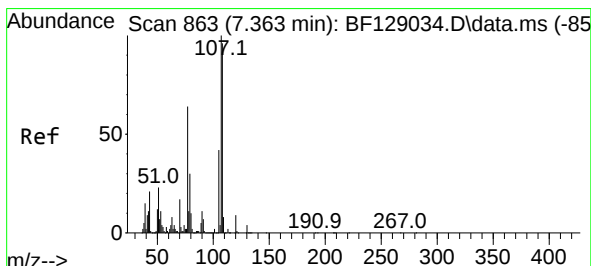
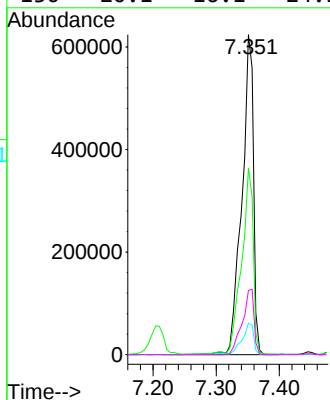
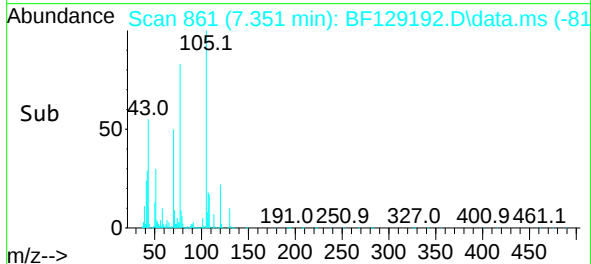
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



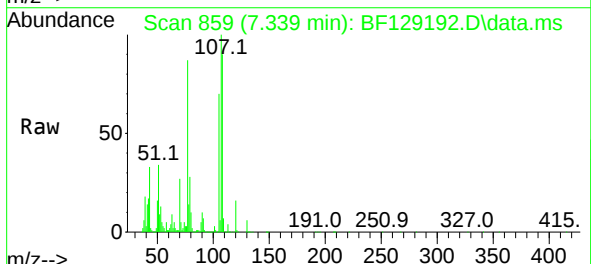
Tgt Ion: 70 Resp: 80033
Ion Ratio Lower Upper
70 100
42 58.3 52.3 78.5
101 9.8 7.5 11.3
130 20.1 16.1 24.1

Manual Integrations
APPROVED

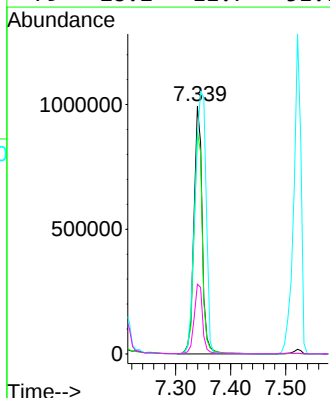
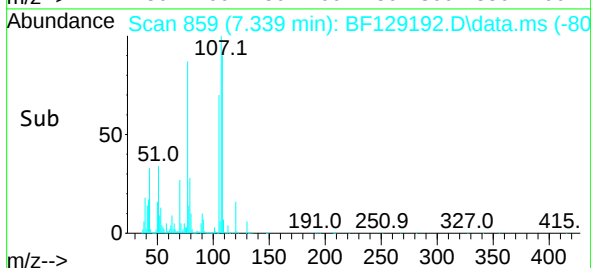
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

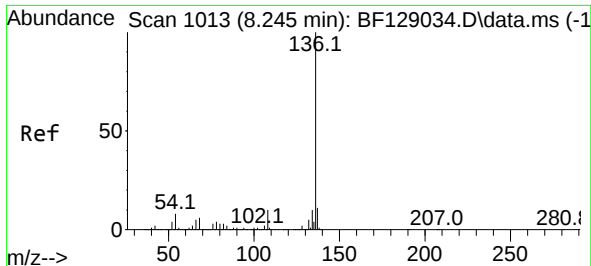


#20
3+4-Methylphenols
Concen: 48.362 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



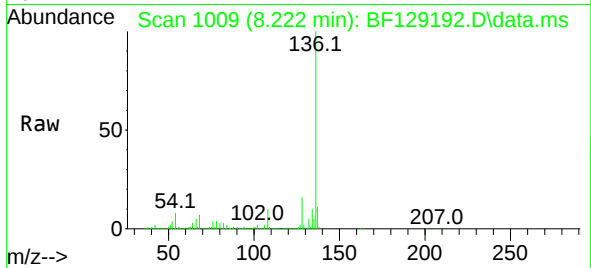
Tgt Ion:107 Resp: 1032920
Ion Ratio Lower Upper
107 100
108 89.9 71.8 111.8
77 87.1 59.3 99.3
79 28.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

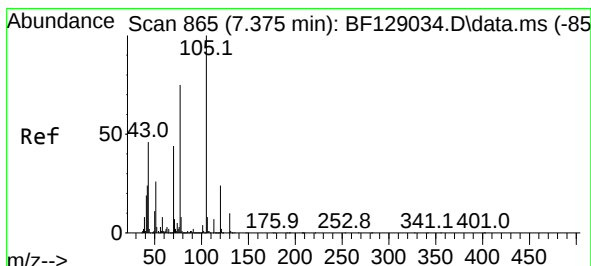
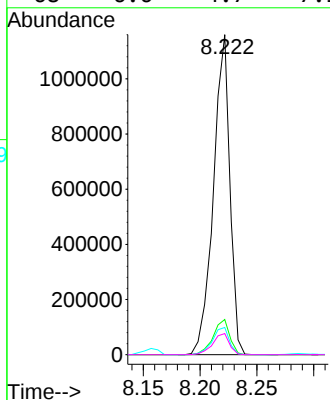
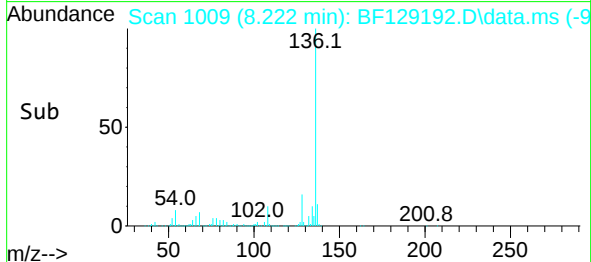
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:136 Resp: 116742
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 7.5 11.3
68 6.6 4.7 7.1

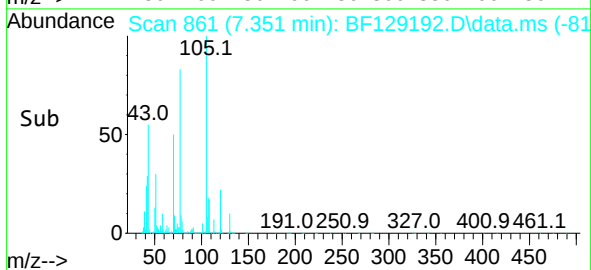
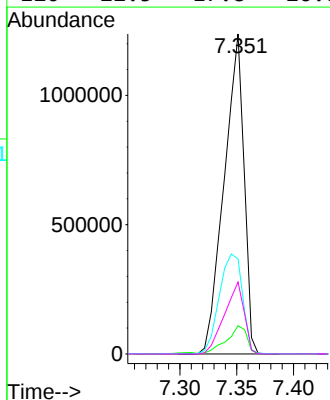
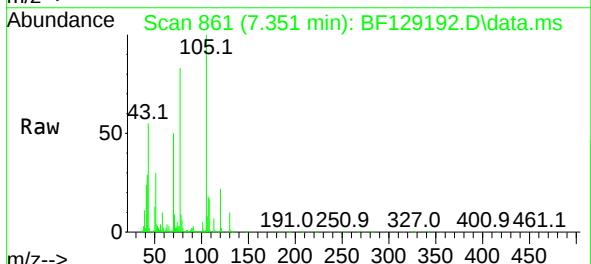
Manual Integrations
APPROVED

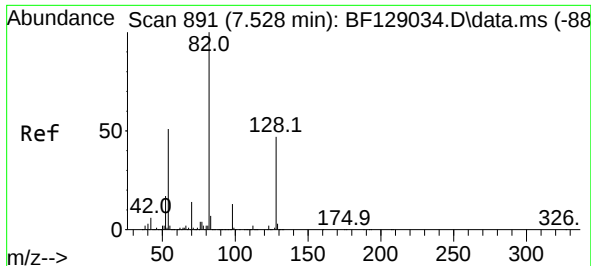
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#22
Acetophenone
Concen: 56.141 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Tgt Ion:105 Resp: 1503482
Ion Ratio Lower Upper
105 100
71 8.8 5.0 7.4#
51 29.7 25.0 37.4
120 22.5 17.8 26.8





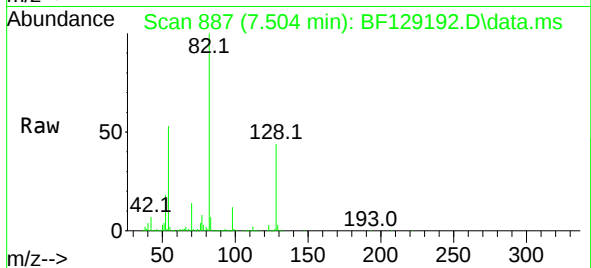
#23
Nitrobenzene-d5
Concen: 110.946 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

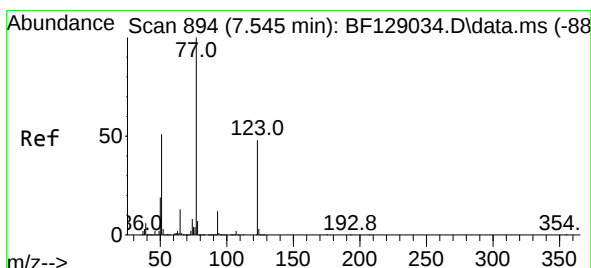
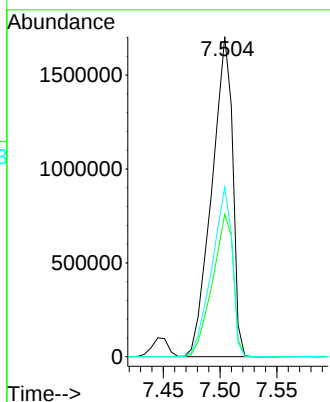
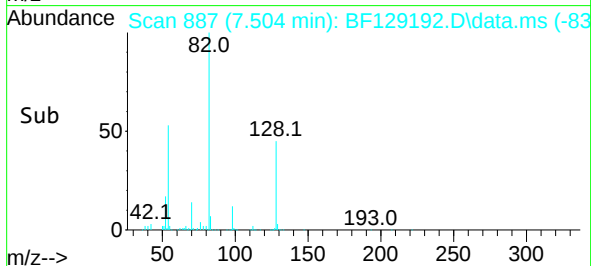
CMR-TP1-0708MSD



Tgt Ion: 82 Resp: 217147
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 53.0 46.9 70.3

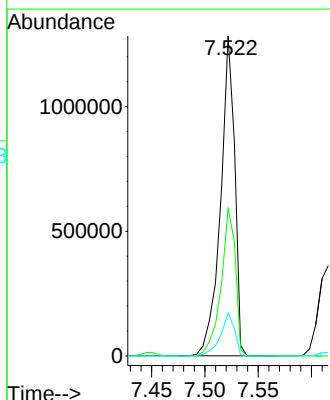
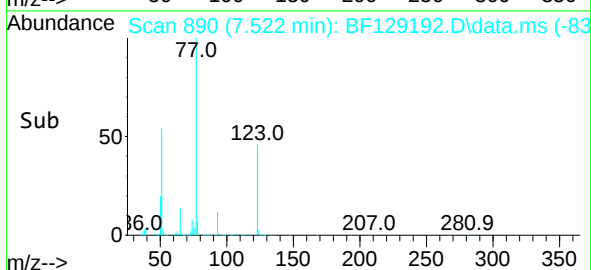
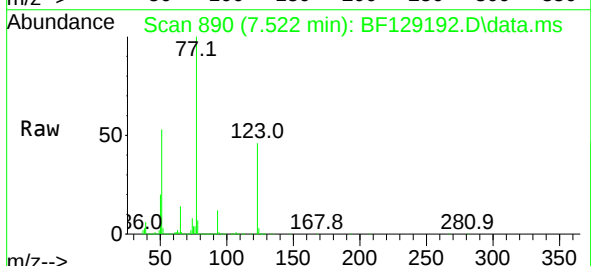
Manual Integrations
APPROVED

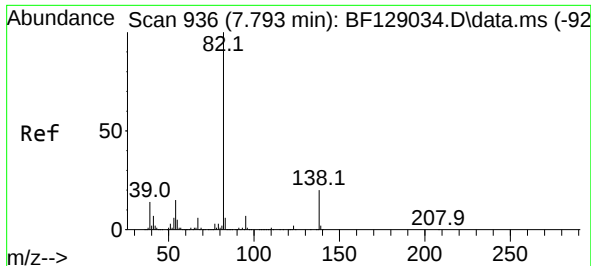
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#24
Nitrobenzene
Concen: 62.312 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

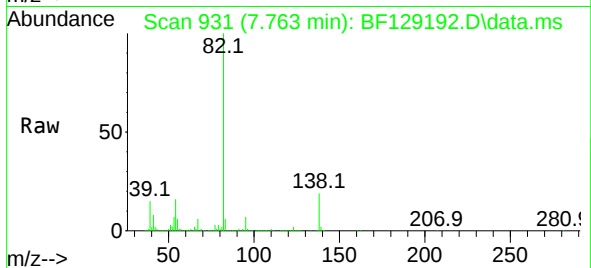
Tgt Ion: 77 Resp: 1180032
Ion Ratio Lower Upper
77 100
123 46.1 35.4 53.2
65 13.5 11.8 17.8





#25
Isophorone
Concen: 64.816 ng
RT: 7.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

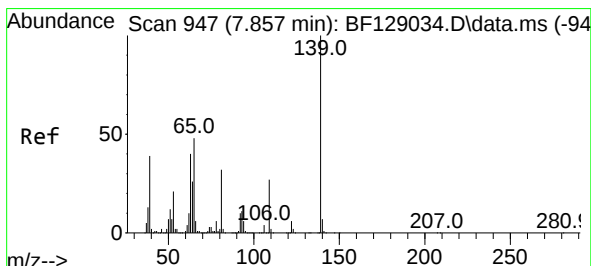
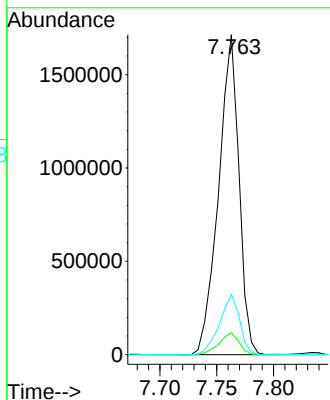
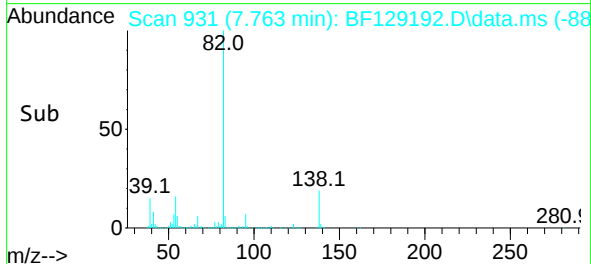
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



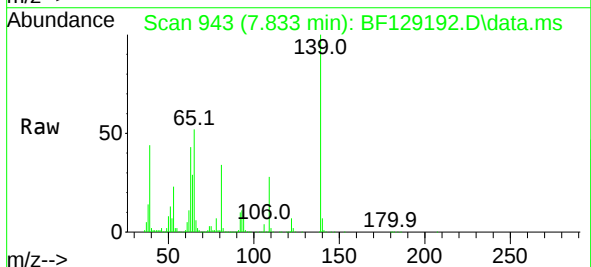
Tgt Ion: 82 Resp: 2143980
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.9 14.2 21.2

Manual Integrations
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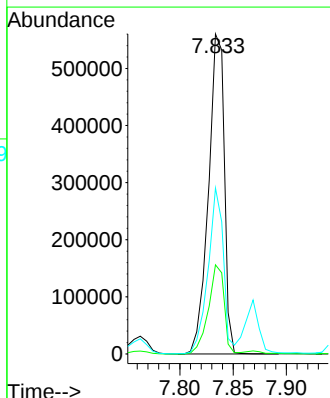
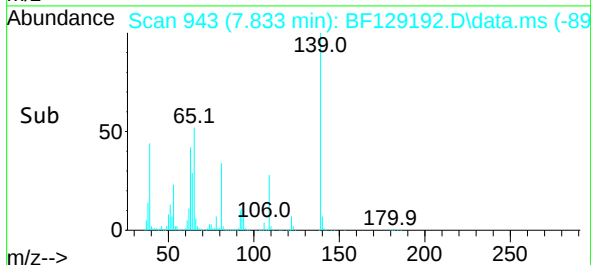
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#26
2-Nitrophenol
Concen: 66.052 ng
RT: 7.833 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



Tgt Ion:139 Resp: 581347
Ion Ratio Lower Upper
139 100
109 27.9 25.0 37.4
65 51.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 61.434 ng

RT: 7.869 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF129192.D

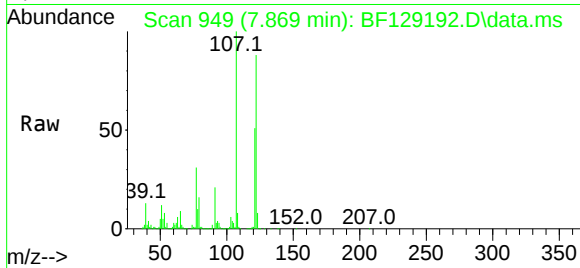
Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:122 Resp: 97616

Ion Ratio Lower Upper

122 100

107 113.7 93.0 139.6

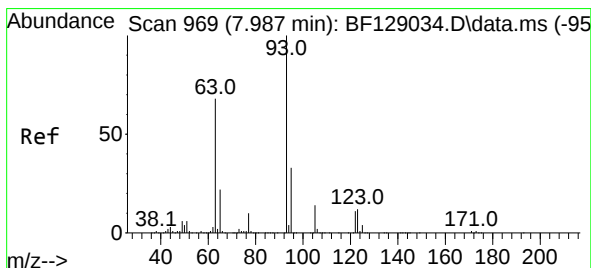
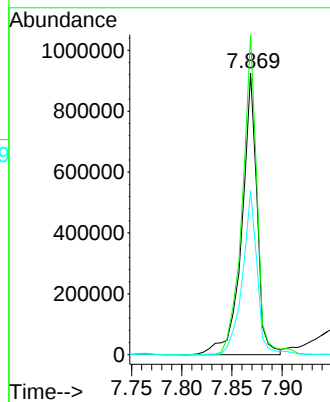
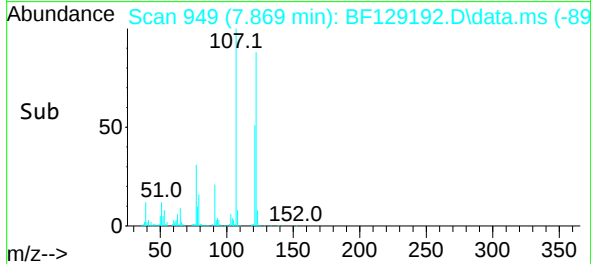
121 58.2 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#28

bis(2-Chloroethoxy)methane

Concen: 57.929 ng

RT: 7.963 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

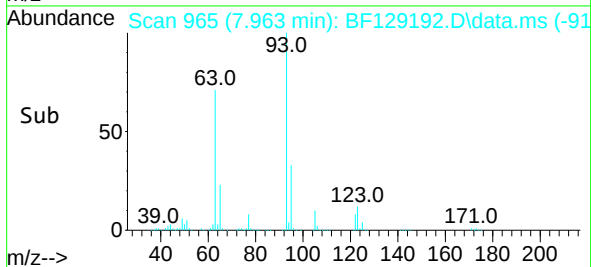
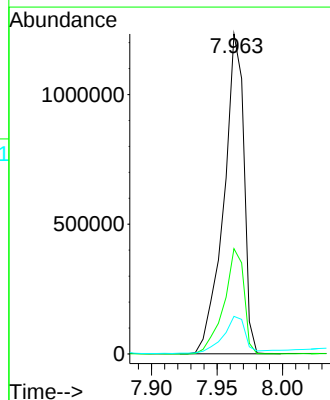
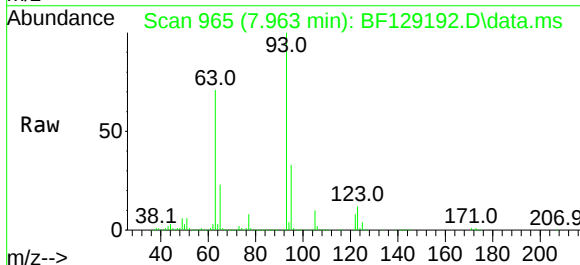
Tgt Ion: 93 Resp: 1315976

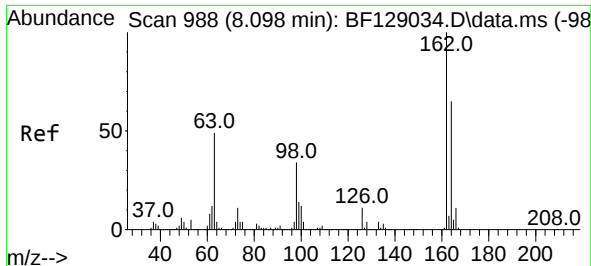
Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.266 ng

RT: 8.075 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

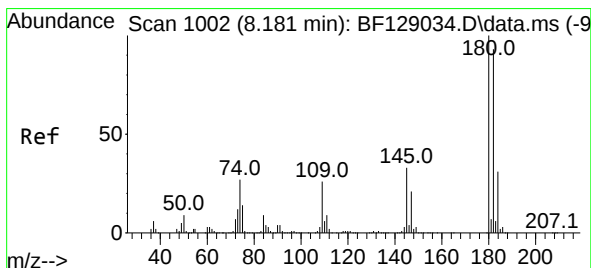
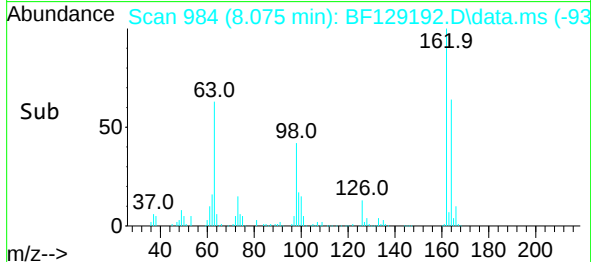
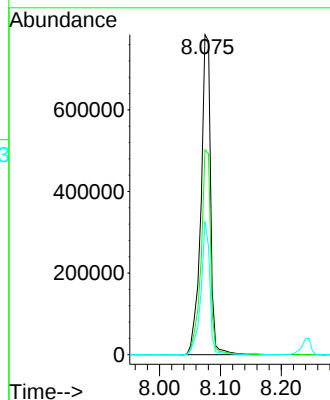
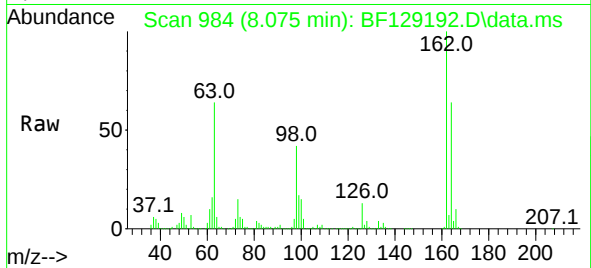
ClientSampleId :

CMR-TP1-0708MSD

Tgt Ion:162 Resp: 86328
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.2 84.2
 98 41.6 19.6 59.6

Manual Integrations
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Reviewed By :Christian Giraldo 07/13/2022
 Supervised By :Jagrut Upadhyay 07/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 50.223 ng

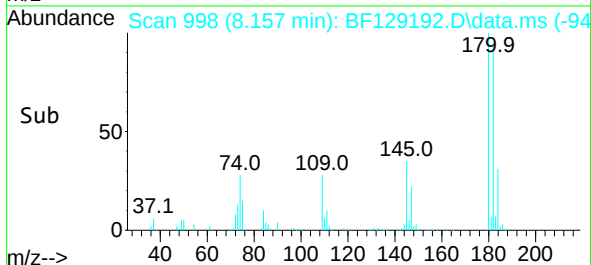
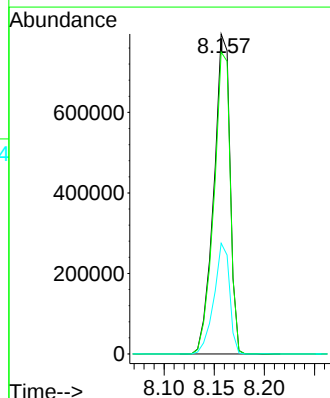
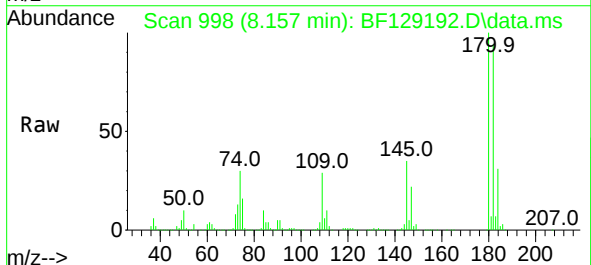
RT: 8.157 min Scan# 998

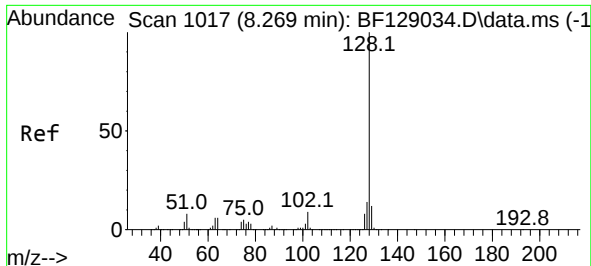
Delta R.T. -0.006 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

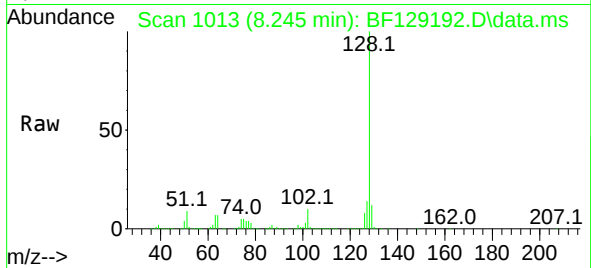
Tgt Ion:180 Resp: 895712
 Ion Ratio Lower Upper
 180 100
 182 94.4 79.2 118.8
 145 34.6 26.2 39.2





#31
Naphthalene
Concen: 51.839 ng
RT: 8.245 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

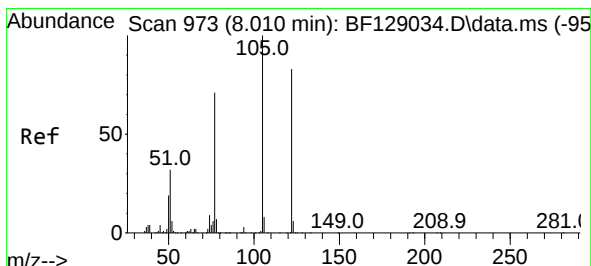
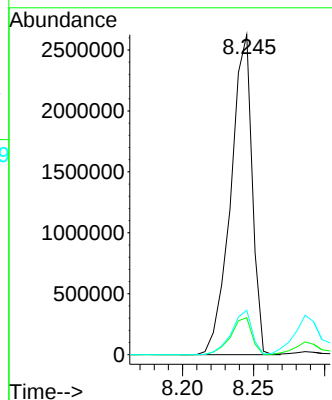
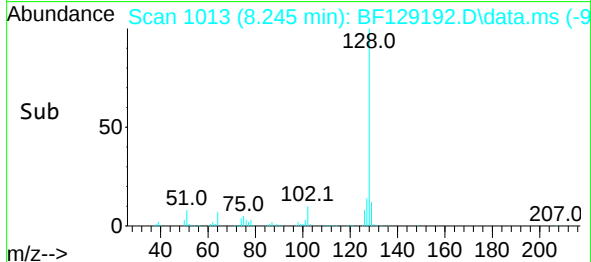
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



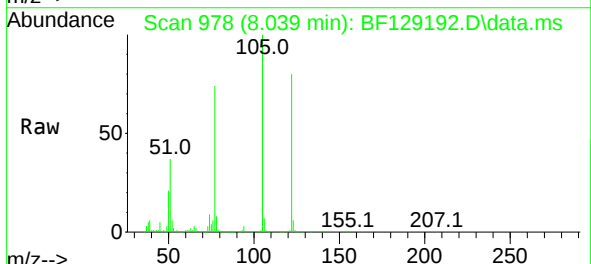
Tgt Ion:128 Resp: 274735
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.9 10.5 15.7

Manual Integrations
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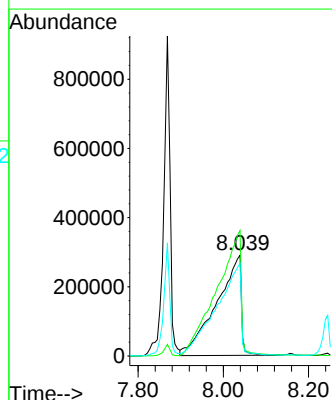
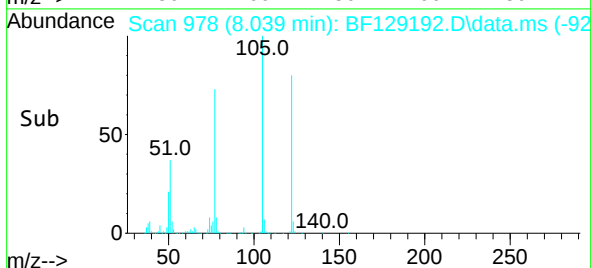
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

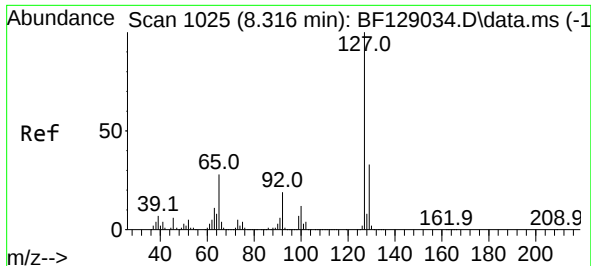


#32
Benzoic acid
Concen: 91.426 ng
RT: 8.039 min Scan# 978
Delta R.T. 0.041 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



Tgt Ion:122 Resp: 1165544
Ion Ratio Lower Upper
122 100
105 124.7 107.1 147.1
77 91.9 74.2 114.2





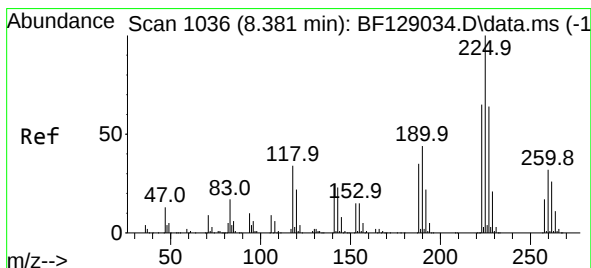
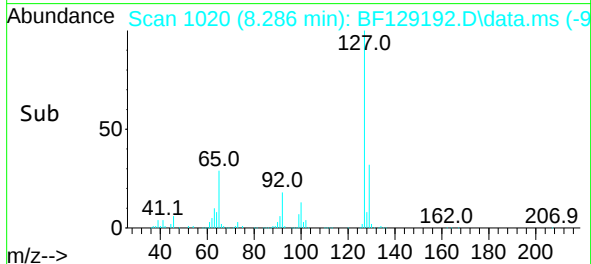
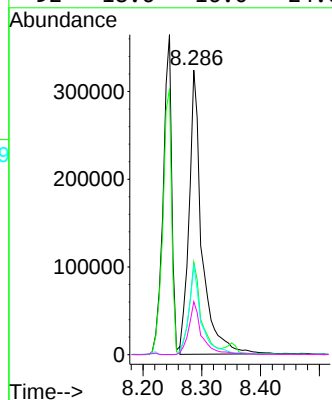
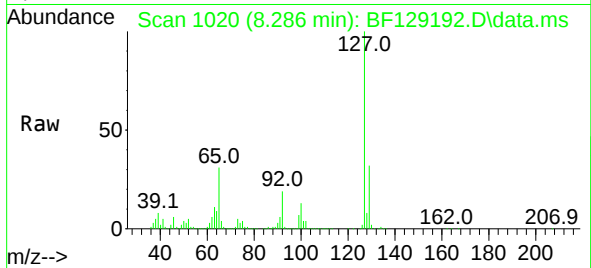
#33
4-Chloroaniline
Concen: 23.034 ng
RT: 8.286 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD

Tgt Ion:127	Resp: 491892
Ion Ratio	Lower Upper
127 100	
129 32.5	26.4 39.6
65 31.2	26.4 39.6
92 18.6	16.0 24.0

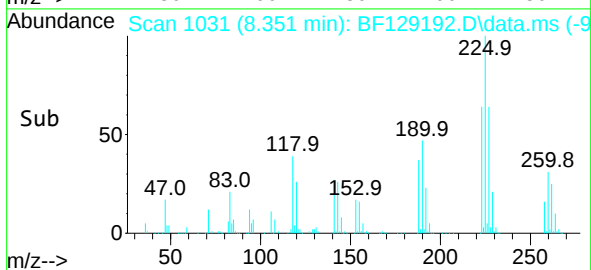
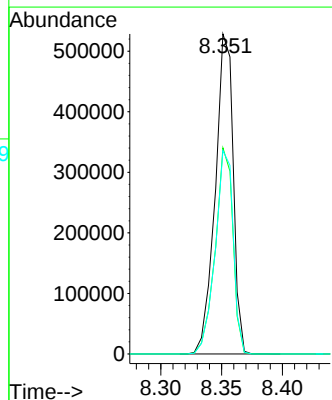
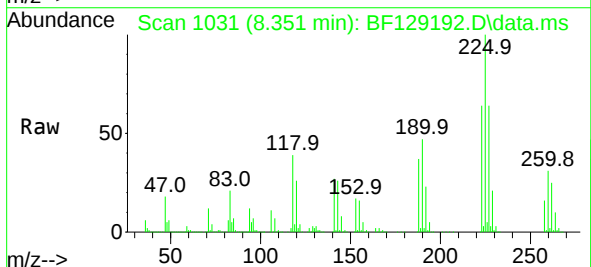
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#34
Hexachlorobutadiene
Concen: 51.131 ng
RT: 8.351 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

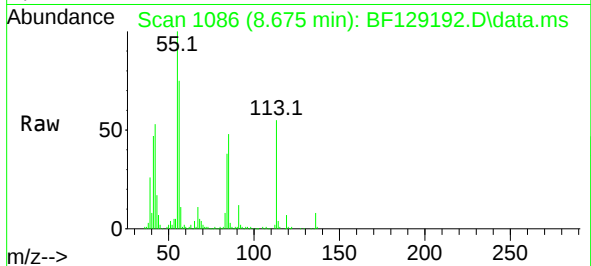
Tgt Ion:225	Resp: 544503
Ion Ratio	Lower Upper
225 100	
223 64.4	51.0 76.6
227 63.6	51.1 76.7





#35
Caprolactam
Concen: 38.646 ng m
RT: 8.675 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

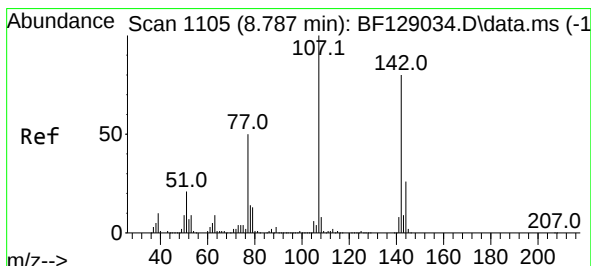
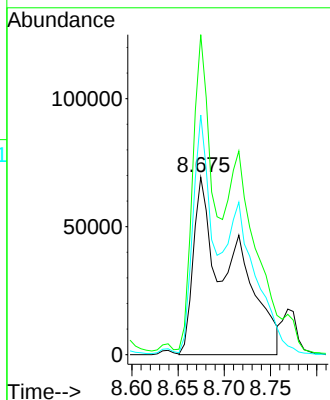
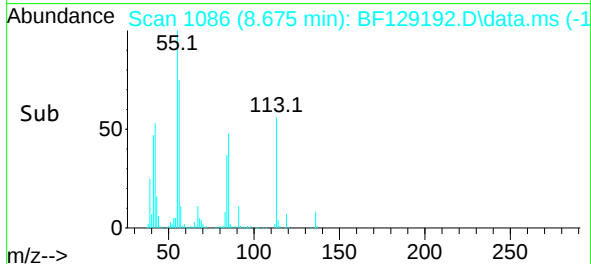
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:113 Resp: 198610
Ion Ratio Lower Upper
113 100
55 180.3 188.5 228.5
56 135.0 130.6 170.6

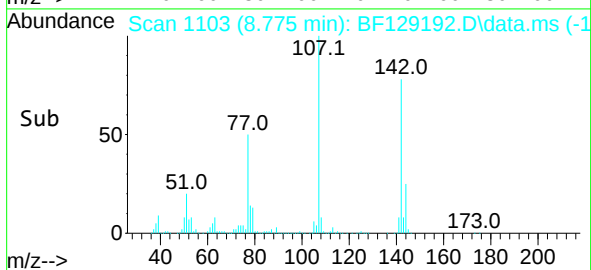
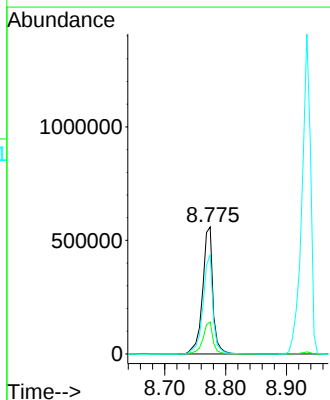
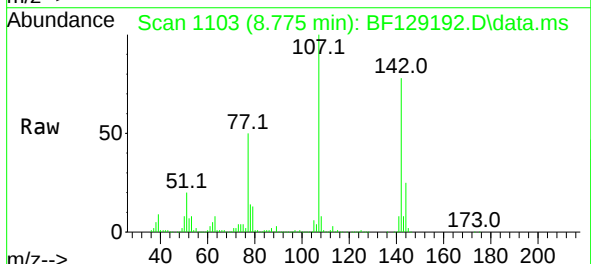
Manual Integrations
APPROVED

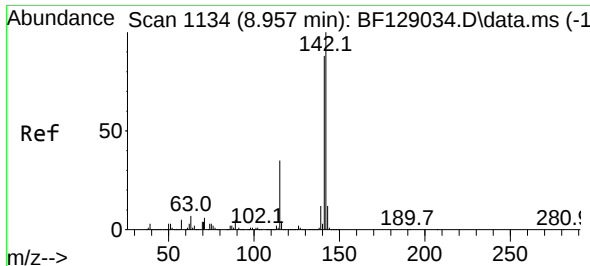
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#36
4-Chloro-3-methylphenol
Concen: 39.879 ng
RT: 8.775 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

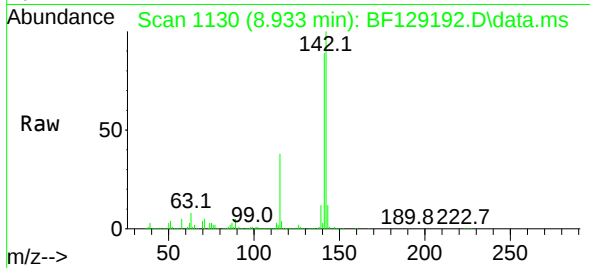
Tgt Ion:107 Resp: 656672
Ion Ratio Lower Upper
107 100
144 25.2 19.5 29.3
142 77.8 58.2 87.4





#37
2-Methylnaphthalene
Concen: 38.768 ng
RT: 8.933 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

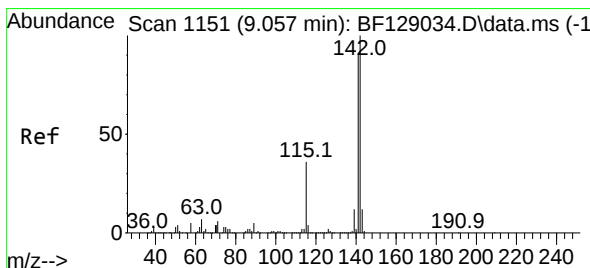
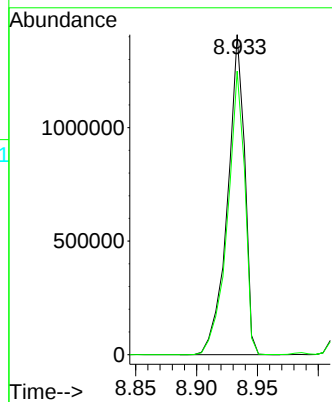
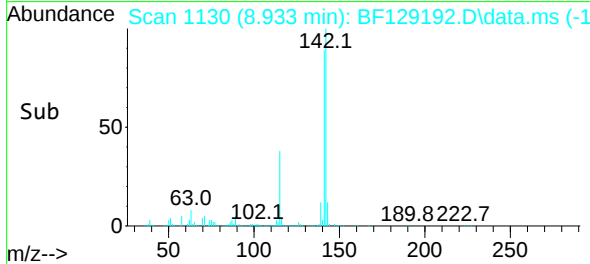
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:142 Resp: 1382550
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4

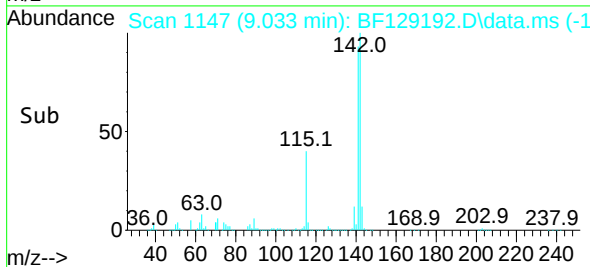
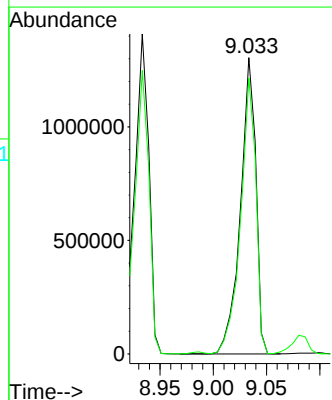
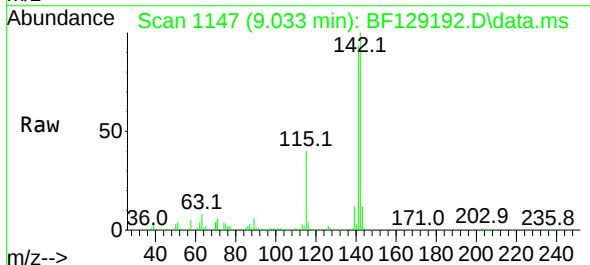
Manual Integrations
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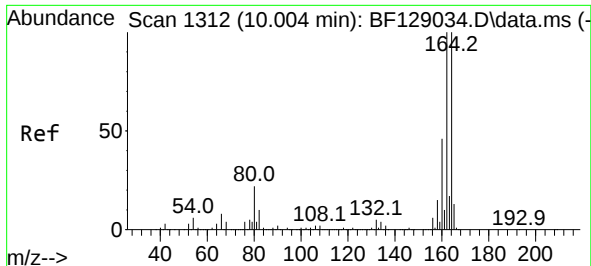
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#38
1-Methylnaphthalene
Concen: 38.025 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Tgt Ion:142 Resp: 1316881
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

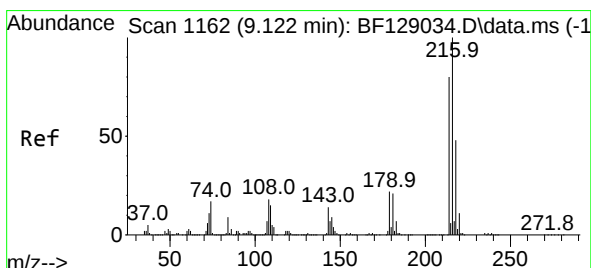
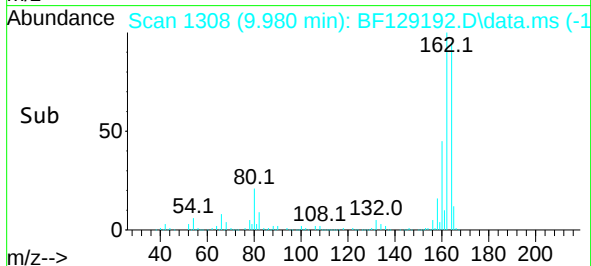
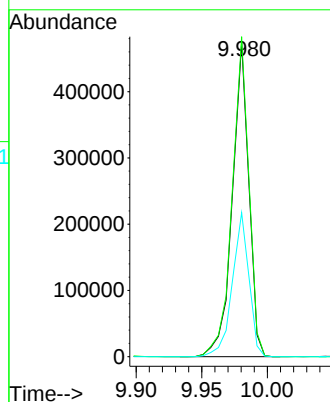
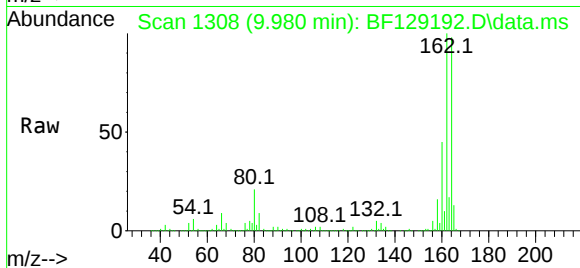
CMR-TP1-0708MSD

Tgt Ion:164 Resp: 414904
 Ion Ratio Lower Upper
 164 100
 162 101.8 79.5 119.3
 160 45.8 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022
 Supervised By :Jagrut Upadhyay 07/13/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.462 ng

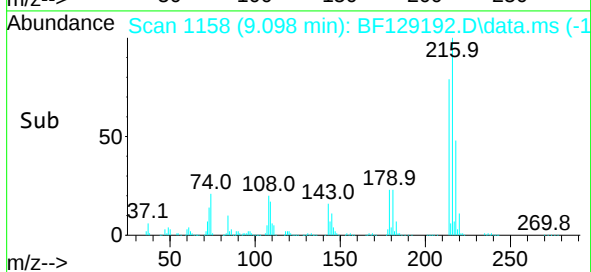
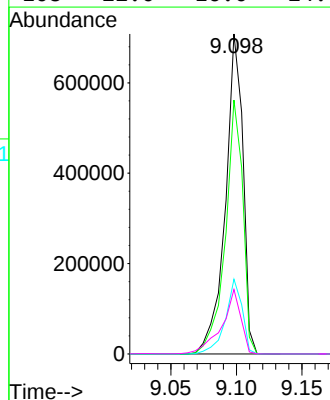
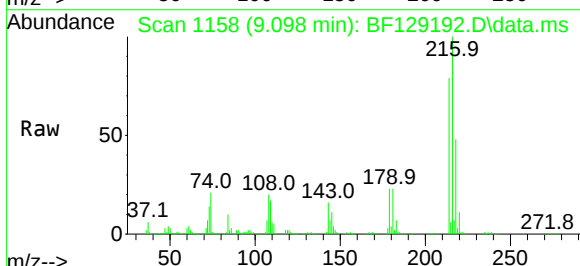
RT: 9.098 min Scan# 1158

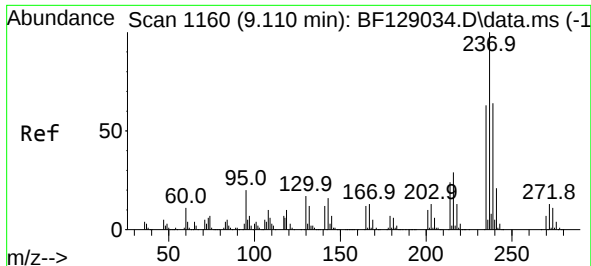
Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

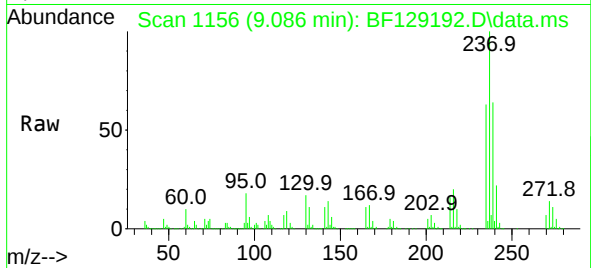
Tgt Ion:216 Resp: 658469
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.6 95.4
 179 22.3 17.0 25.6
 108 22.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 113.557 ng
RT: 9.086 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

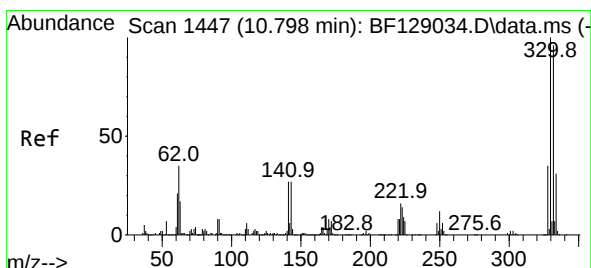
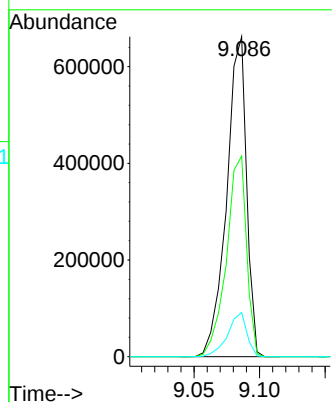
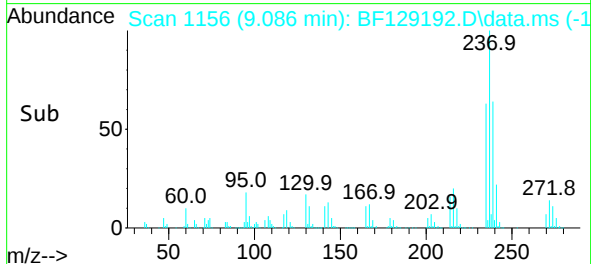
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



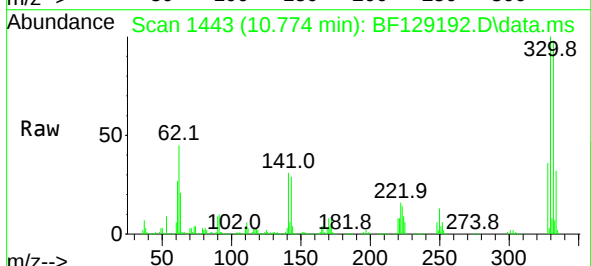
Tgt Ion:237 Resp: 699054
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 13.8 0.0 31.9

Manual Integrations
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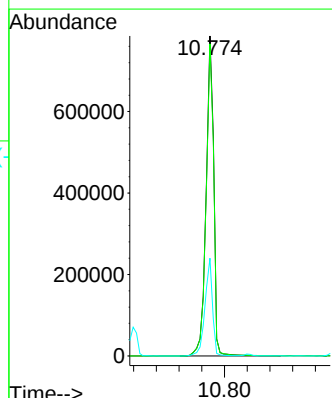
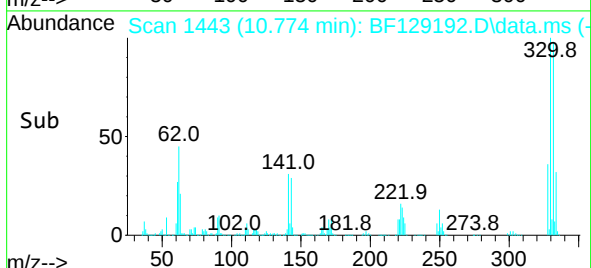
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

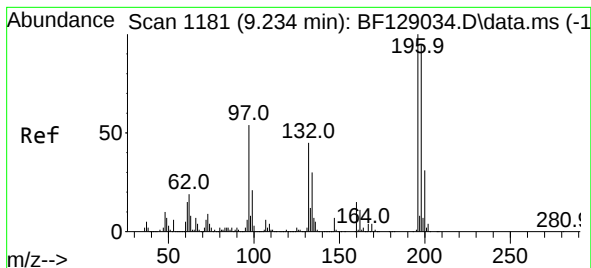


#42
2,4,6-Tribromophenol
Concen: 161.332 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



Tgt Ion:330 Resp: 727844
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 30.3 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 53.572 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF129192.D

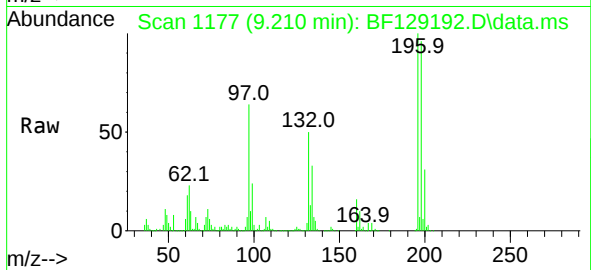
Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:196 Resp: 425554

Ion Ratio Lower Upper

196 100

198 96.4 74.0 111.0

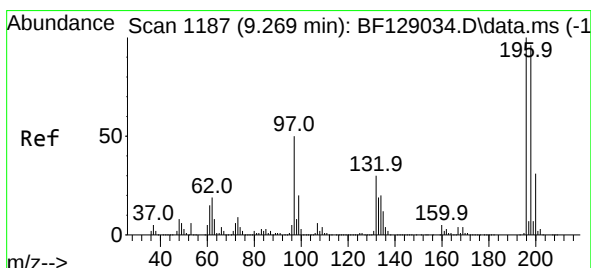
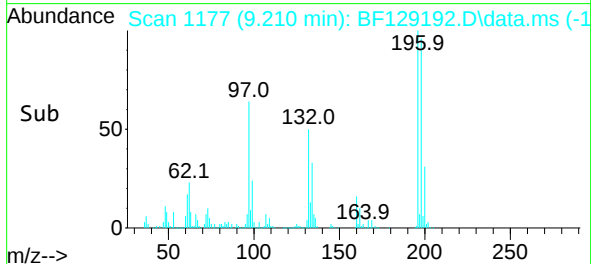
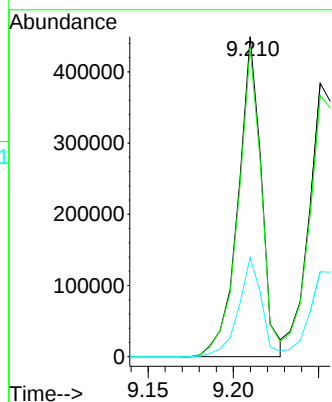
200 31.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#44

2,4,5-Trichlorophenol

Concen: 52.692 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

Tgt Ion:196 Resp: 445224

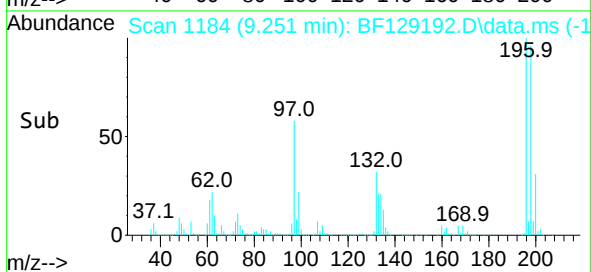
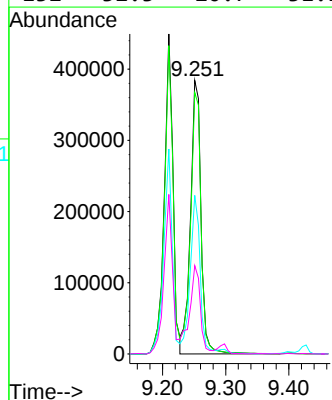
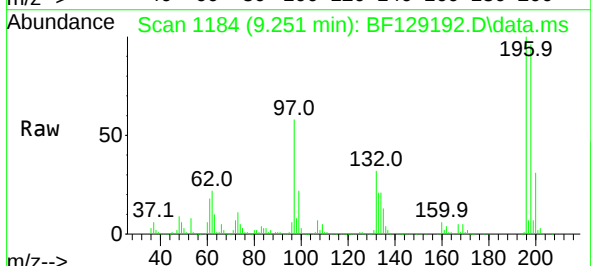
Ion Ratio Lower Upper

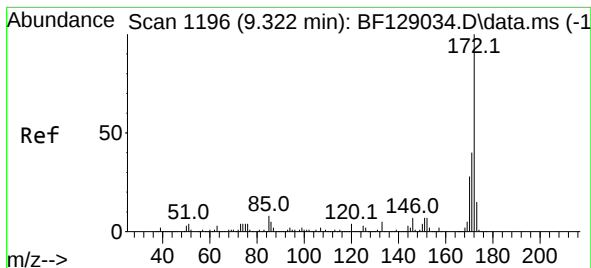
196 100

198 95.6 75.7 113.5

97 58.0 36.4 54.6#

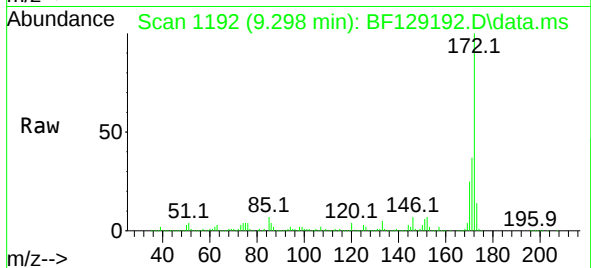
132 32.3 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 101.331 ng
RT: 9.298 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

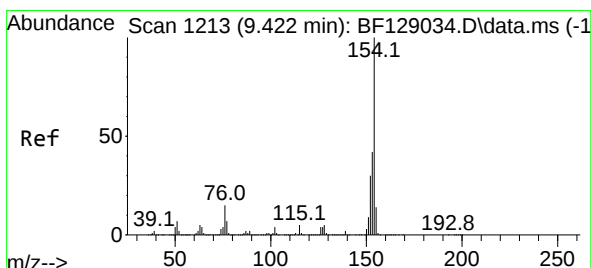
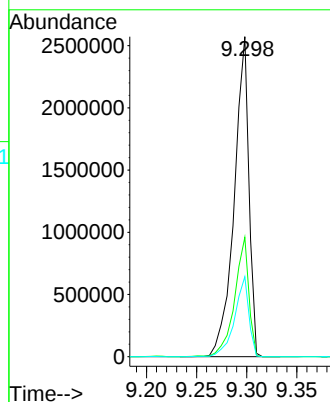
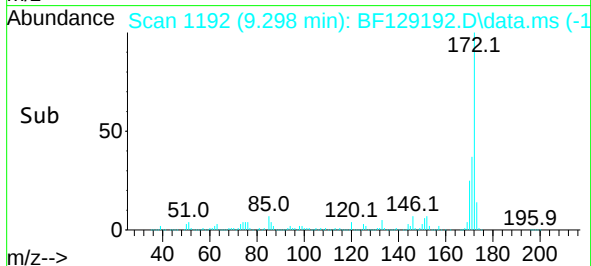
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:172 Resp: 2628020
Ion Ratio Lower Upper
172 100
171 37.3 28.8 43.2
170 25.0 19.8 29.8

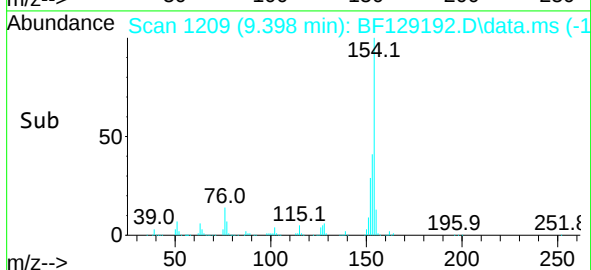
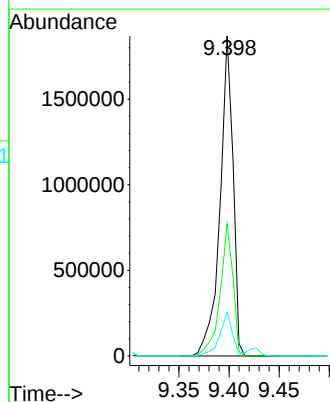
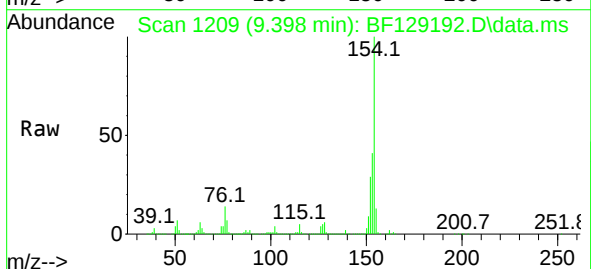
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#46
1,1'-Biphenyl
Concen: 56.384 ng
RT: 9.398 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Tgt Ion:154 Resp: 1681859
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 54.450 ng

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129192.D

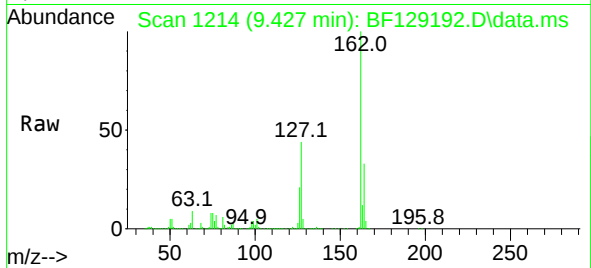
Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:162 Resp: 125423

Ion Ratio Lower Upper

162 100

127 44.1 34.5 51.7

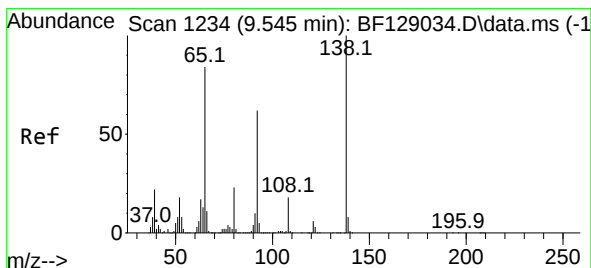
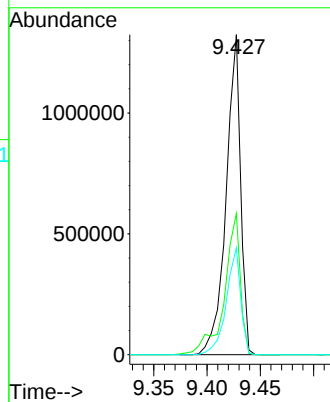
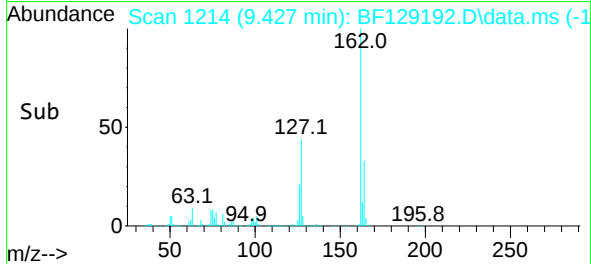
164 33.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#48

2-Nitroaniline

Concen: 66.502 ng

RT: 9.522 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

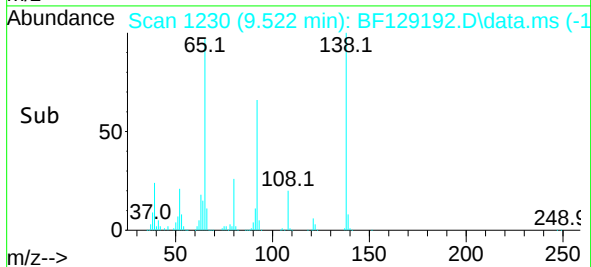
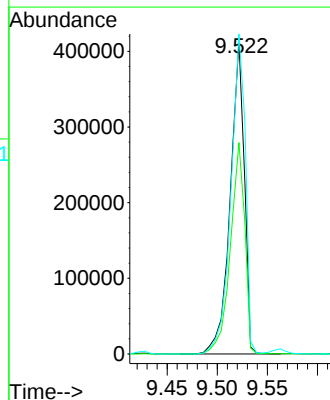
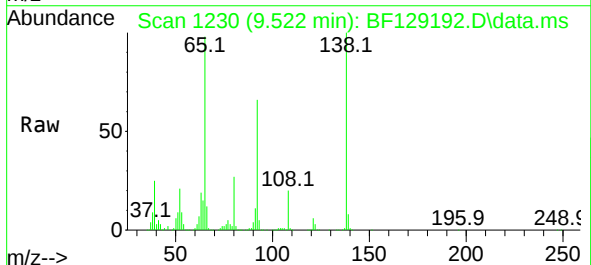
Tgt Ion: 65 Resp: 403464

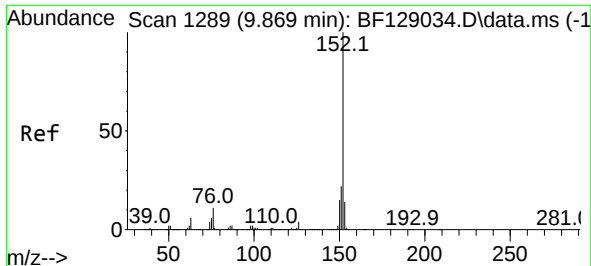
Ion Ratio Lower Upper

65 100

92 67.6 51.9 77.9

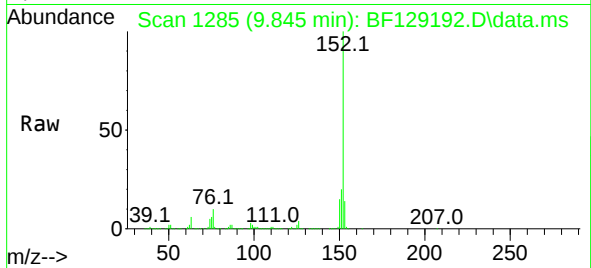
138 102.3 76.4 114.6





#49
Acenaphthylene
Concen: 56.292 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

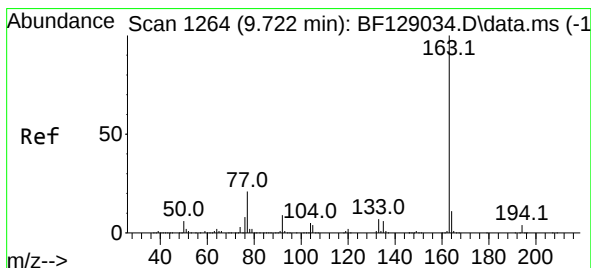
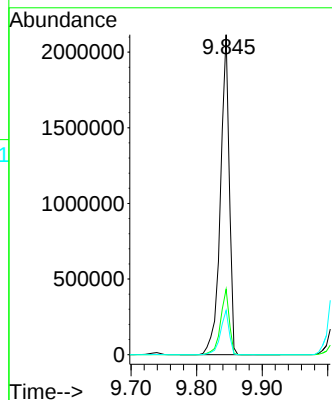
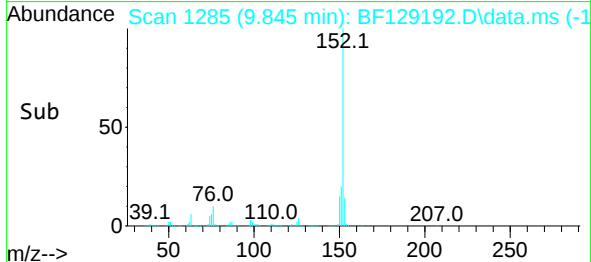
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:152 Resp: 1970298
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.9 10.7 16.1

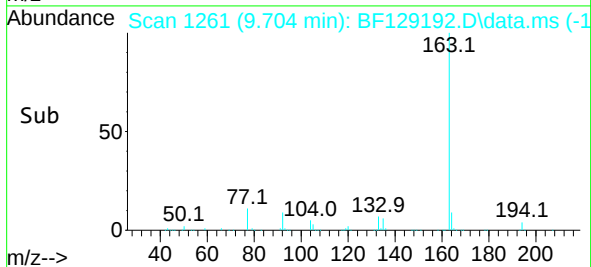
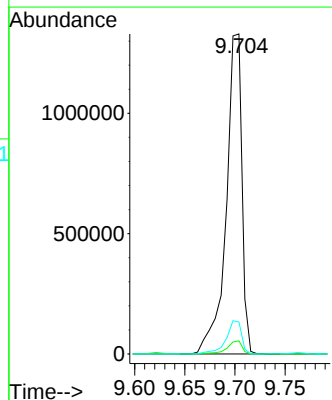
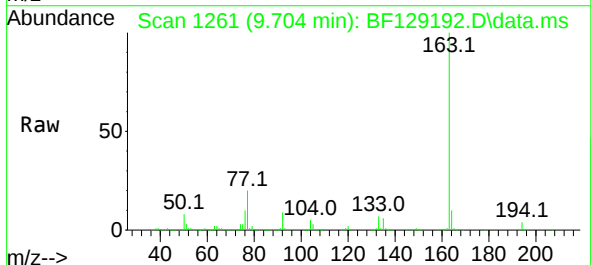
Manual Integrations
APPROVED

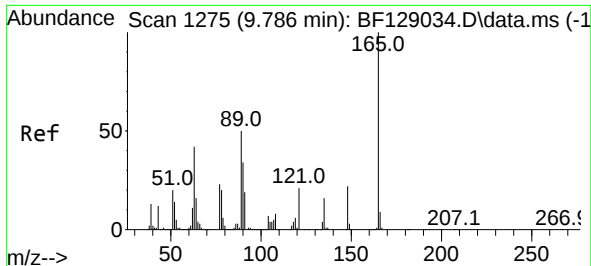
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#50
Dimethylphthalate
Concen: 55.691 ng
RT: 9.704 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Tgt Ion:163 Resp: 1445551
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.2 12.2





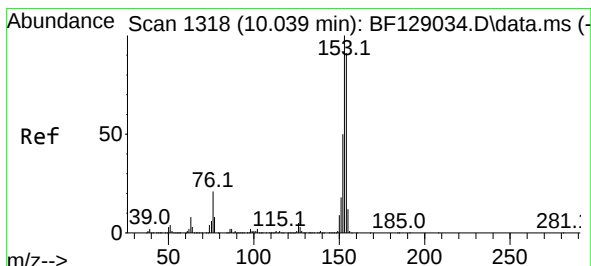
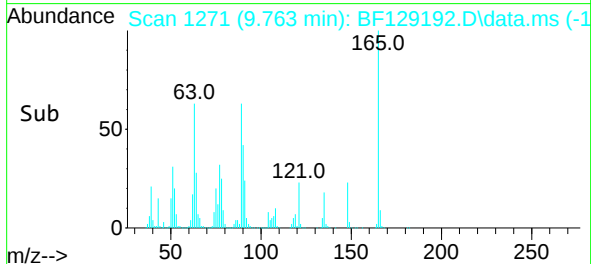
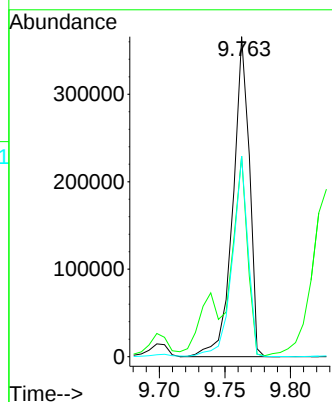
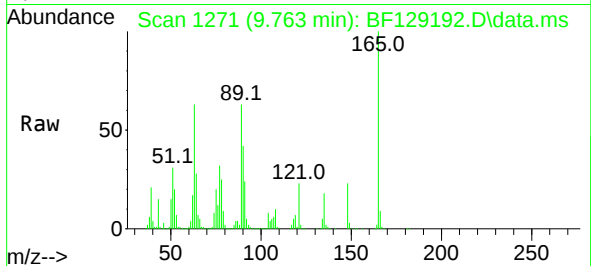
#51
2,6-Dinitrotoluene
Concen: 60.081 ng
RT: 9.763 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD

Tgt Ion:165 Resp: 31867
Ion Ratio Lower Upper
165 100
63 62.6 44.9 67.3
89 62.7 43.6 65.4

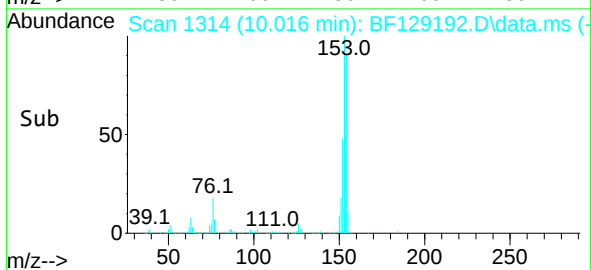
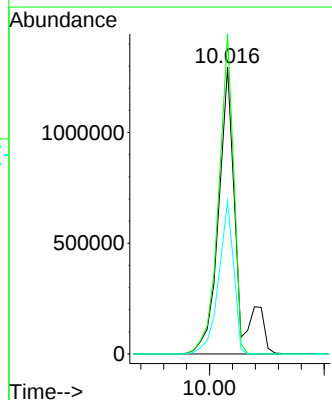
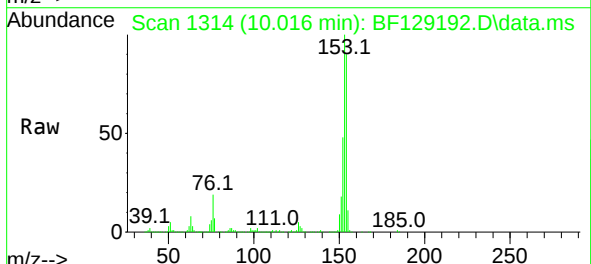
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#52
Acenaphthene
Concen: 61.184 ng m
RT: 10.016 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

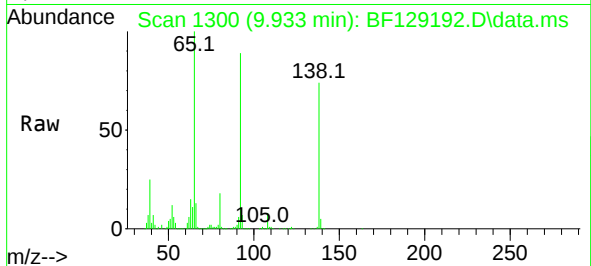
Tgt Ion:154 Resp: 1394920
Ion Ratio Lower Upper
154 100
153 111.7 89.6 134.4
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 36.818 ng
RT: 9.933 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

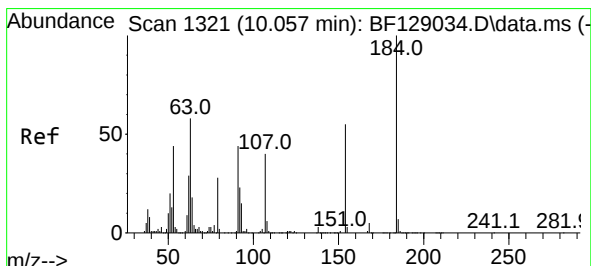
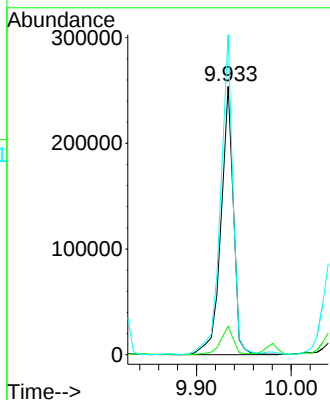
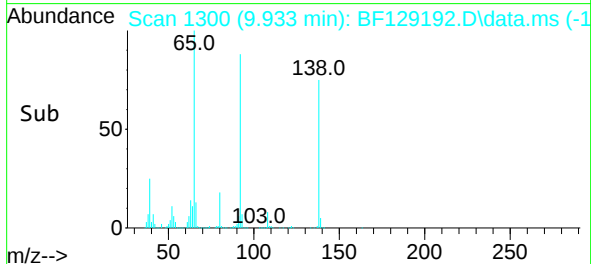
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



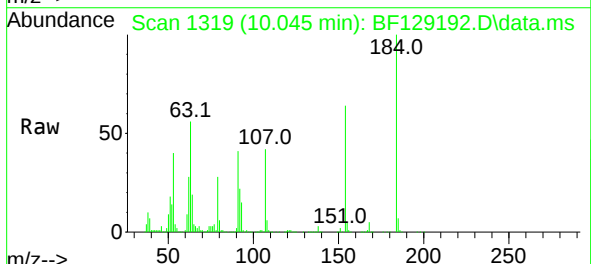
Tgt Ion:138 Resp: 232875
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3
92 119.2 98.2 147.2

Manual Integrations
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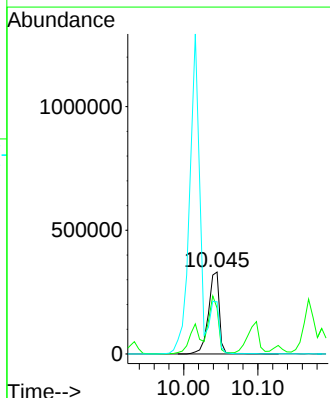
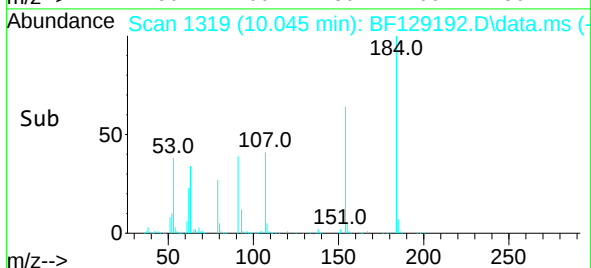
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

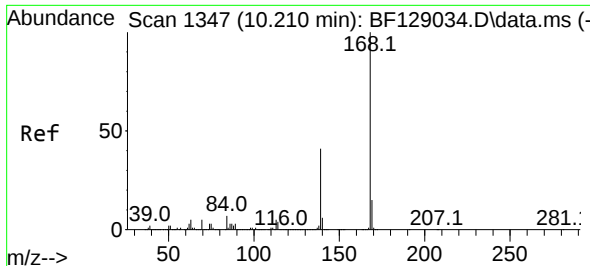


#54
2,4-Dinitrophenol
Concen: 115.257 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



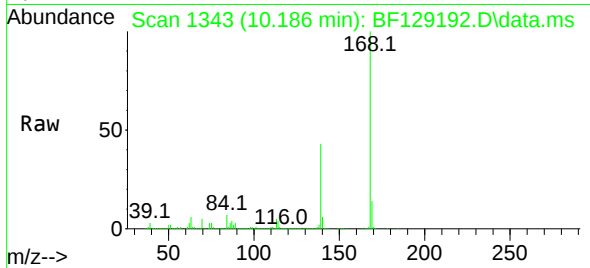
Tgt Ion:184 Resp: 340089
Ion Ratio Lower Upper
184 100
63 56.1 64.5 96.7
154 63.6 50.6 75.8





#55
Dibenzofuran
Concen: 52.876 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

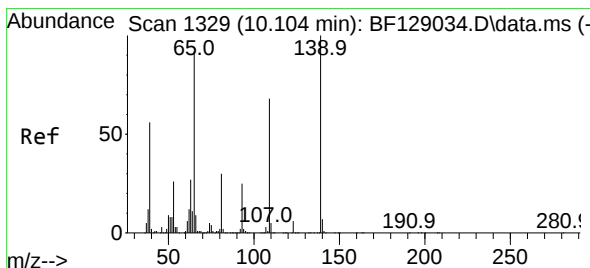
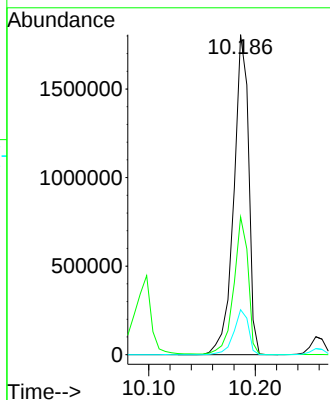
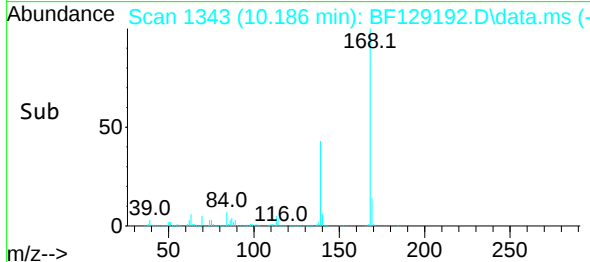
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



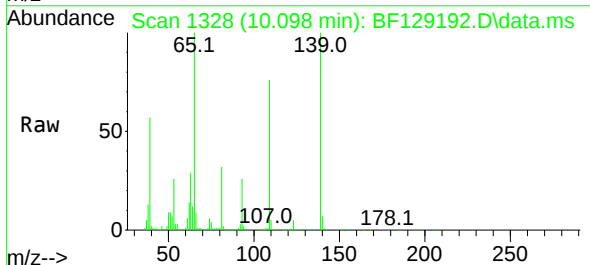
Tgt Ion:168 Resp: 175537
Ion Ratio Lower Upper
168 100
139 43.0 30.6 46.0
169 14.0 11.0 16.6

Manual Integrations
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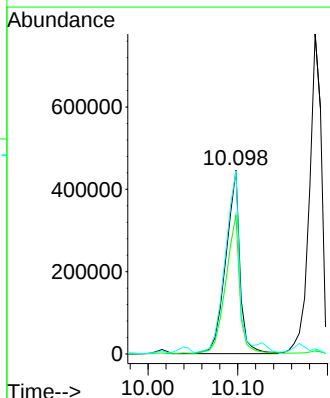
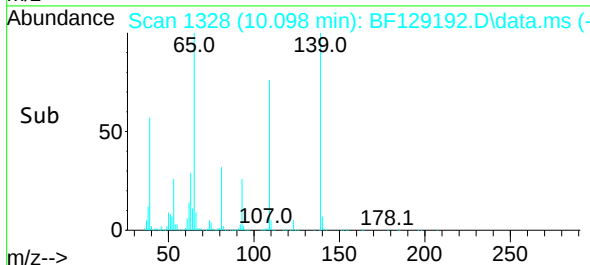
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

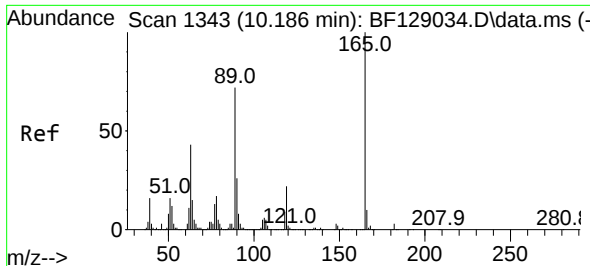


#56
4-Nitrophenol
Concen: 94.465 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



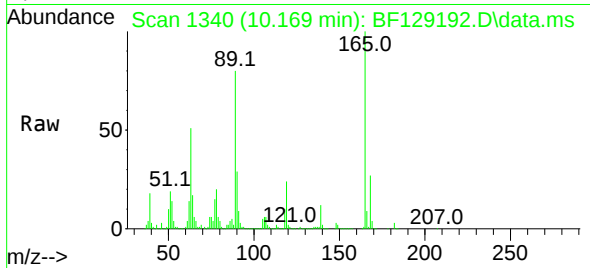
Tgt Ion:139 Resp: 488195
Ion Ratio Lower Upper
139 100
109 75.5 50.7 90.7
65 99.7 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 64.371 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

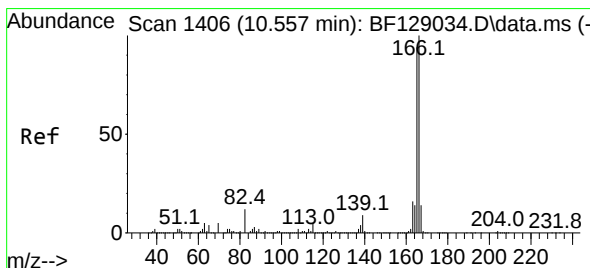
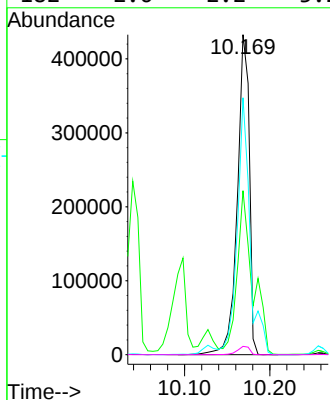
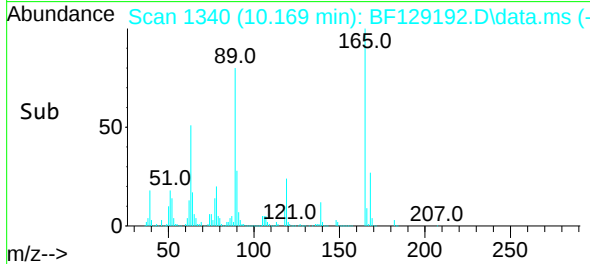
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:165 Resp: 421502
Ion Ratio Lower Upper
165 100
63 51.3 39.8 59.6
89 80.3 60.2 90.2
182 2.6 2.2 3.2

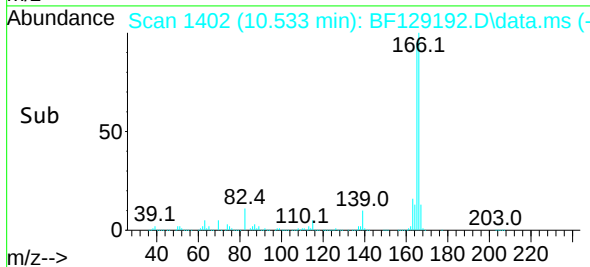
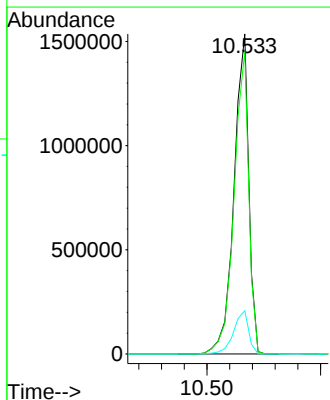
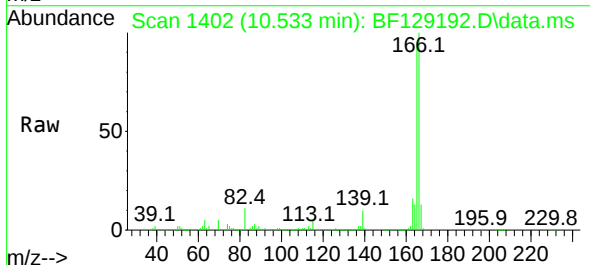
Manual Integrations
APPROVED

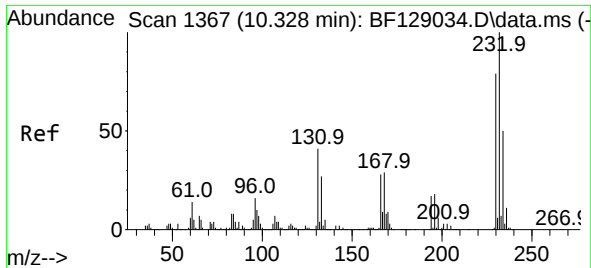
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#58
Fluorene
Concen: 53.736 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

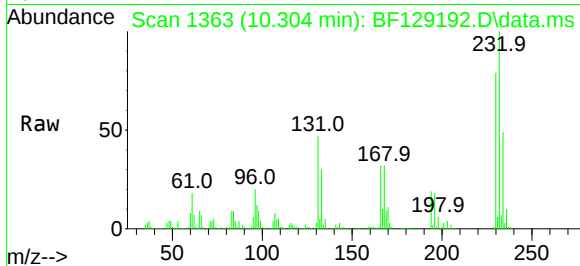
Tgt Ion:166 Resp: 1379901
Ion Ratio Lower Upper
166 100
165 94.5 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.160 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

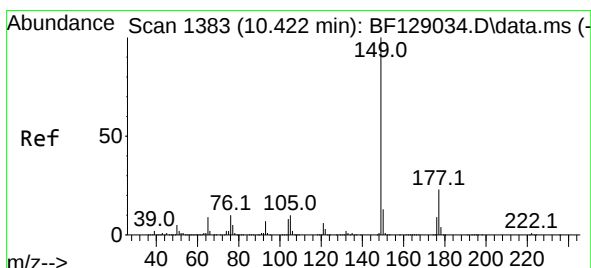
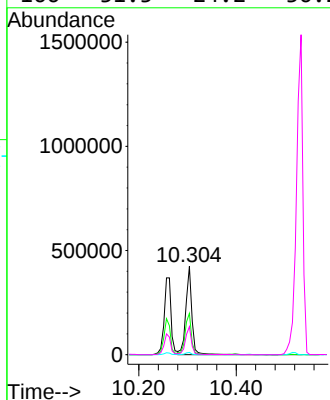
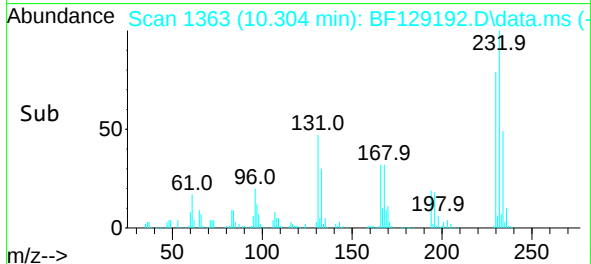
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



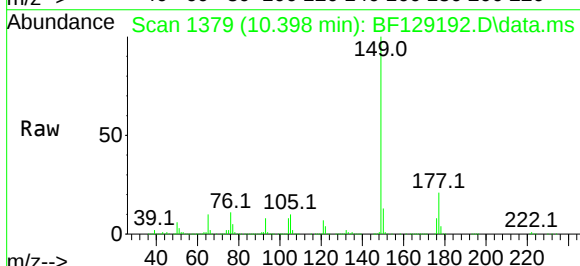
Tgt Ion:232 Resp: 358124
Ion Ratio Lower Upper
232 100
131 49.1 36.1 54.1
130 2.6 1.8 2.8
166 31.3 24.2 36.2

Manual Integrations
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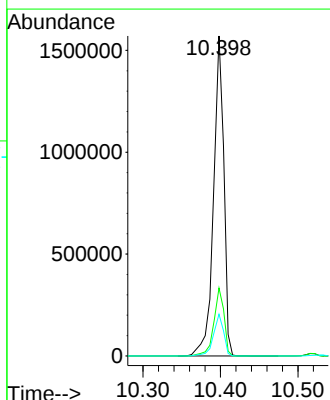
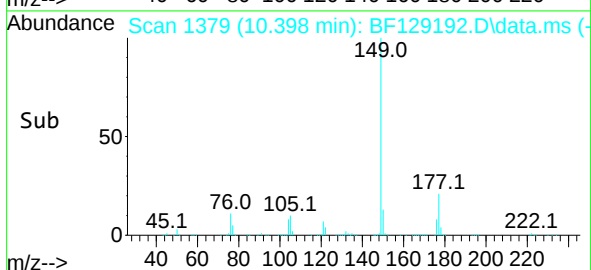
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

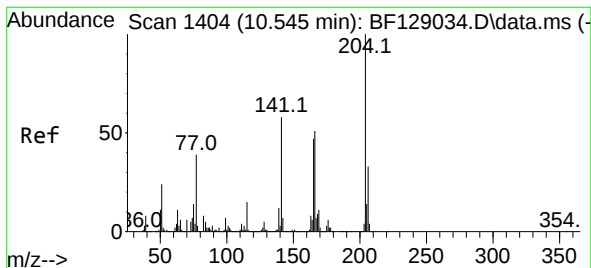


#60
Diethylphthalate
Concen: 55.617 ng
RT: 10.398 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



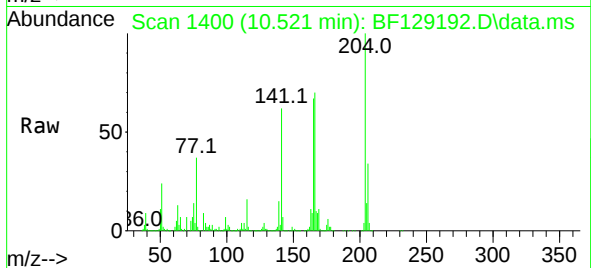
Tgt Ion:149 Resp: 1446554
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.995 ng
RT: 10.521 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

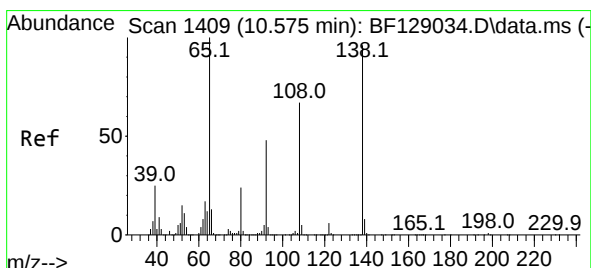
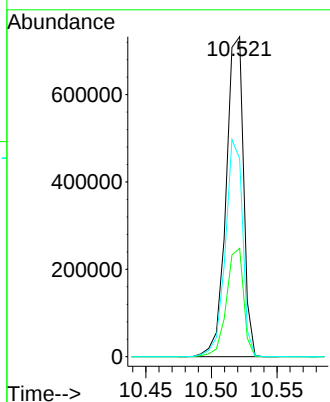
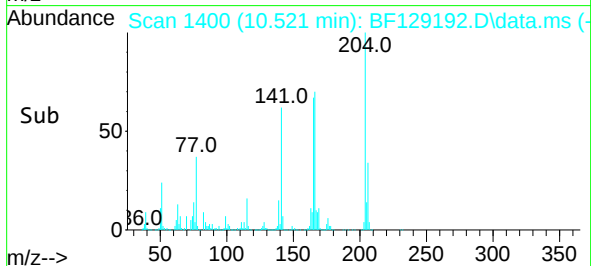
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:204 Resp: 67804
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.6
141 61.9 47.0 70.4

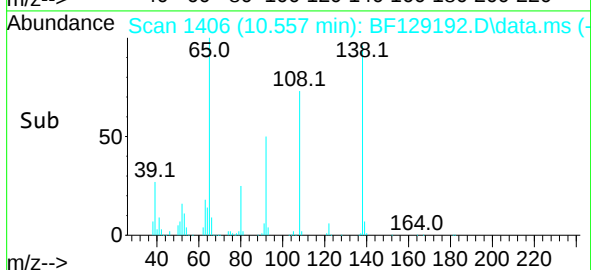
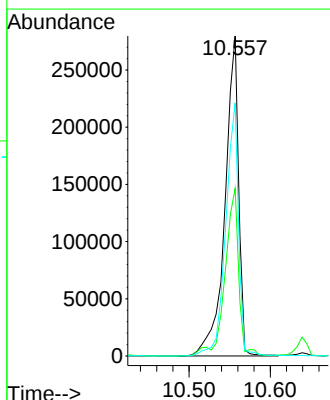
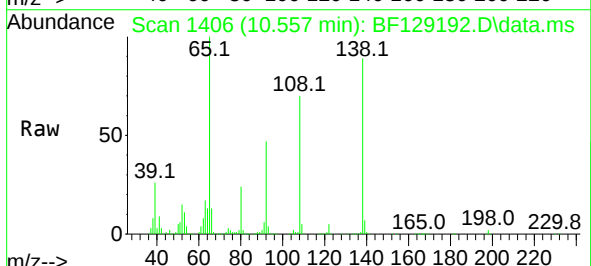
Manual Integrations
APPROVED

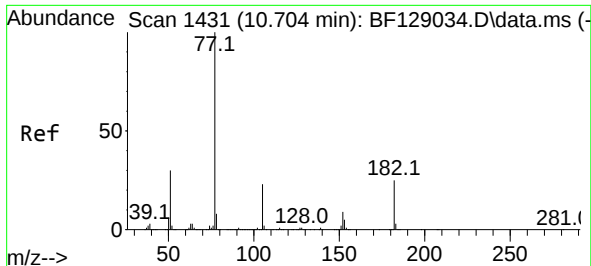
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#62
4-Nitroaniline
Concen: 52.232 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

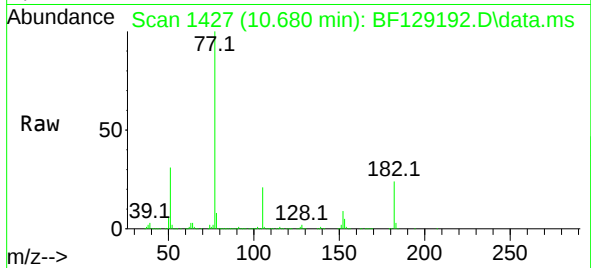
Tgt Ion:138 Resp: 327607
Ion Ratio Lower Upper
138 100
92 52.4 33.5 73.5
108 79.1 61.0 101.0





#63
Azobenzene
Concen: 55.374 ng
RT: 10.680 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

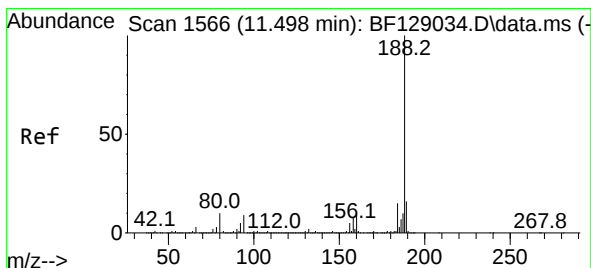
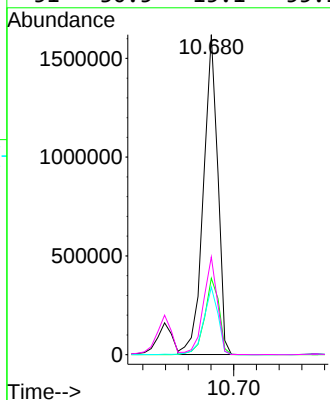
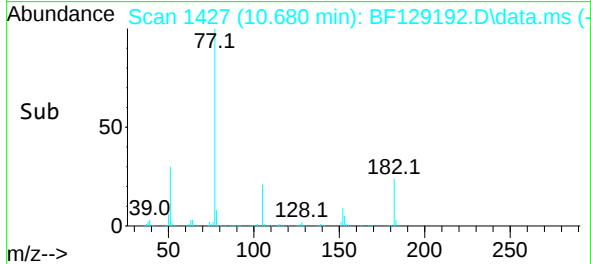
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion: 77 Resp: 1411069
Ion Ratio Lower Upper
77 100
182 23.9 5.6 45.6
105 21.1 1.6 41.6
51 30.5 15.1 55.1

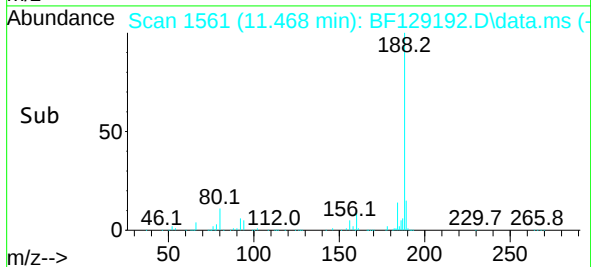
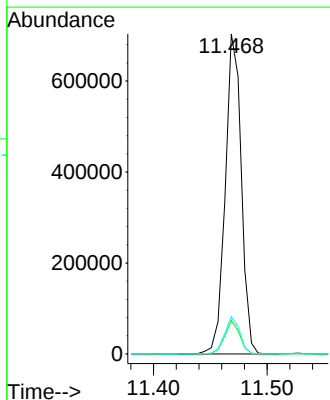
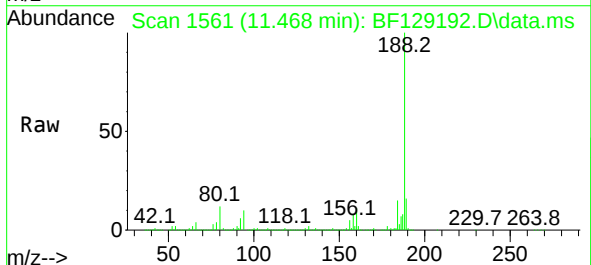
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

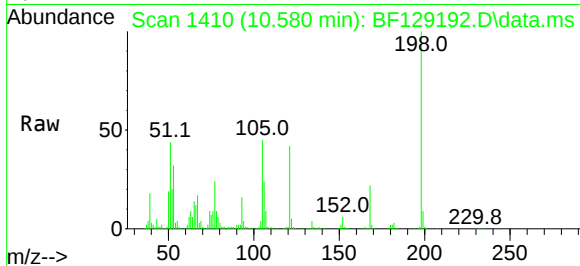
Tgt Ion:188 Resp: 689360
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.7 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 63.239 ng
RT: 10.580 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

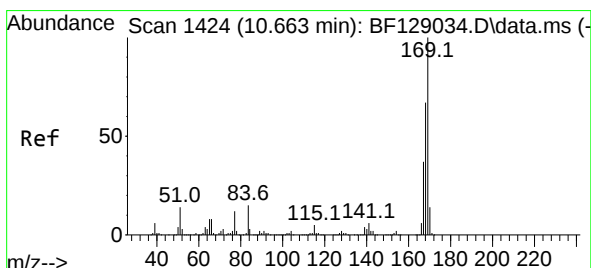
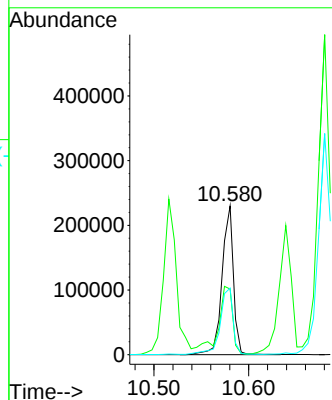
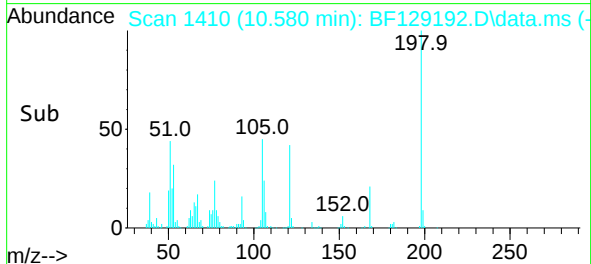
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



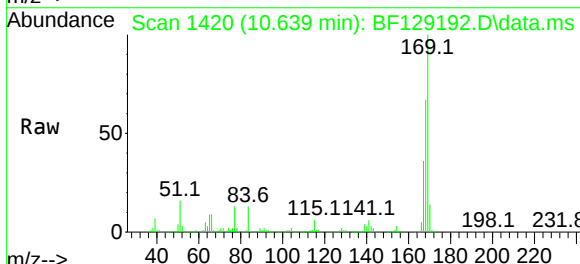
Tgt Ion:198 Resp: 192861
Ion Ratio Lower Upper
198 100
51 44.2 37.6 77.6
105 44.8 27.0 67.0

Manual Integrations
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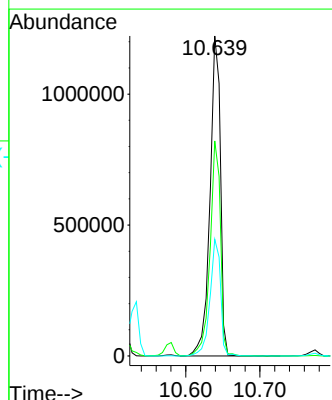
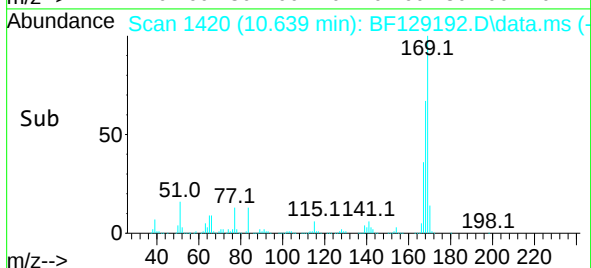
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

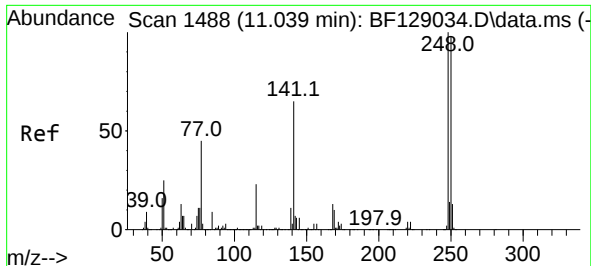


#66
n-Nitrosodiphenylamine
Concen: 57.086 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



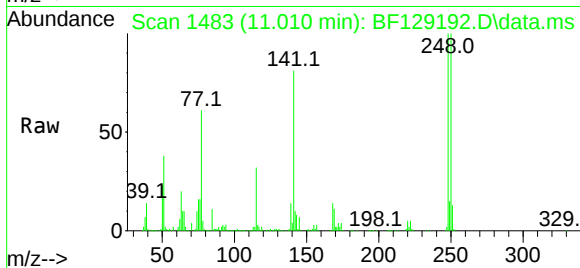
Tgt Ion:169 Resp: 1195168
Ion Ratio Lower Upper
169 100
168 67.2 50.1 75.1
167 36.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 57.493 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

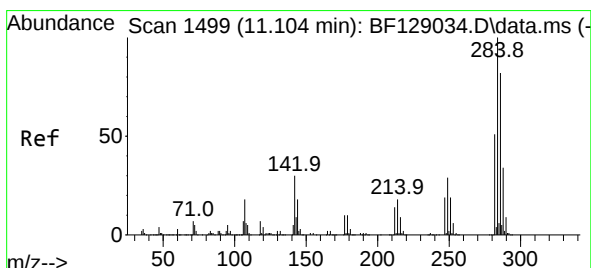
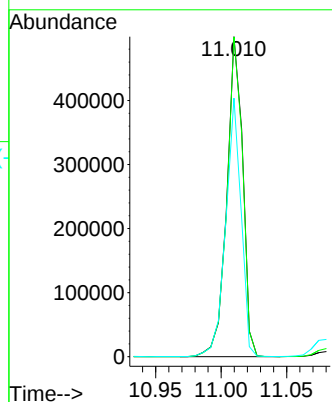
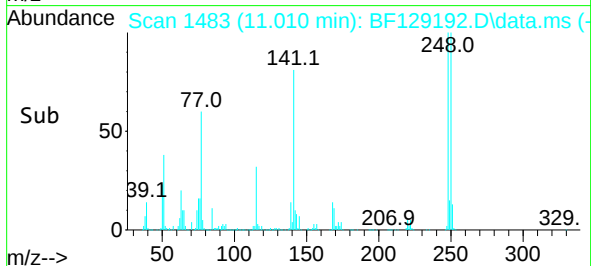
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



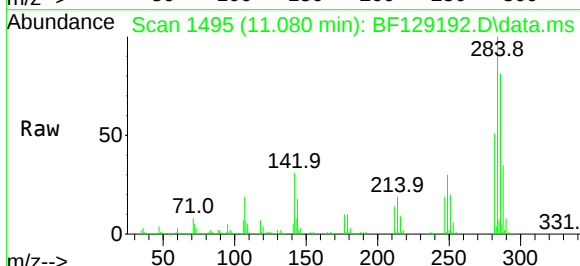
Tgt Ion:248 Resp: 421590
Ion Ratio Lower Upper
248 100
250 99.9 80.6 120.8
141 80.8 58.9 88.3

Manual Integrations
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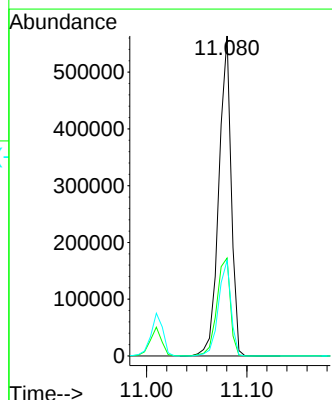
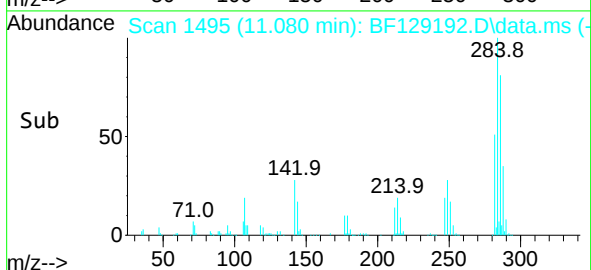
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#68
Hexachlorobenzene
Concen: 58.854 ng
RT: 11.080 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



Tgt Ion:284 Resp: 480562
Ion Ratio Lower Upper
284 100
142 30.6 29.0 43.4
249 29.8 25.0 37.6





#69

Atrazine

Concen: 64.627 ng

RT: 11.168 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129192.D

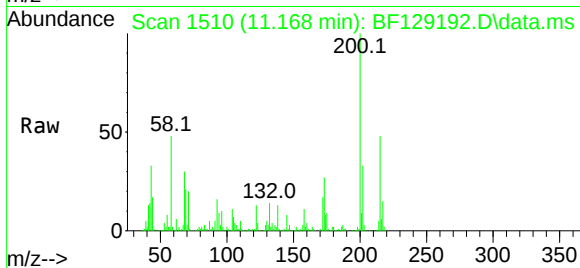
Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:200 Resp: 38073

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

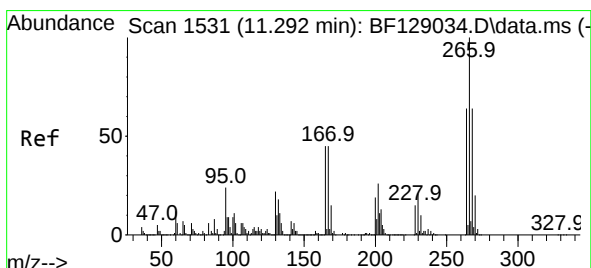
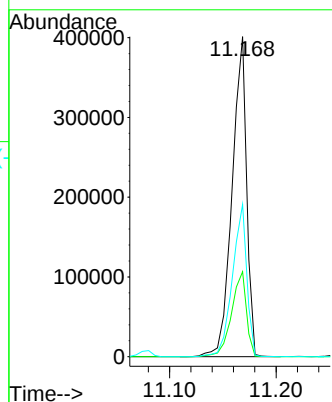
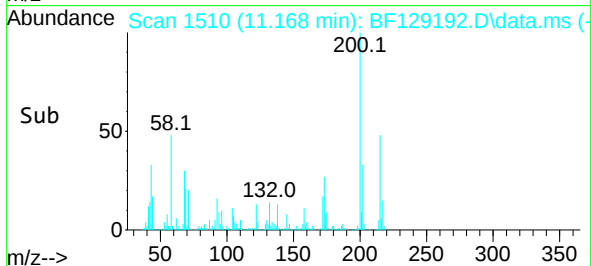
215 47.6 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#70

Pentachlorophenol

Concen: 108.292 ng

RT: 11.274 min Scan# 1528

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

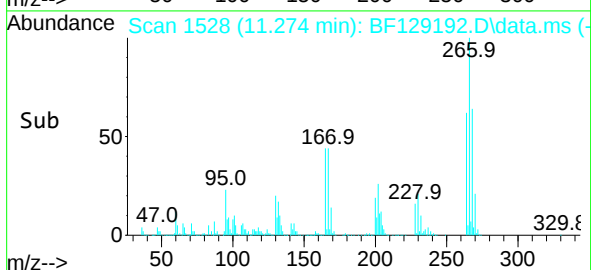
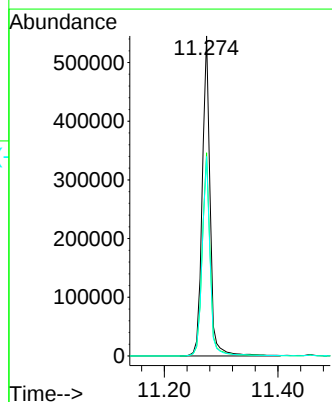
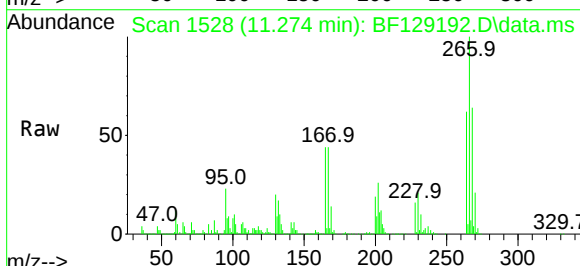
Tgt Ion:266 Resp: 526676

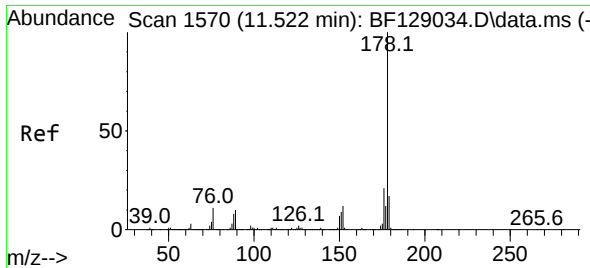
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.4

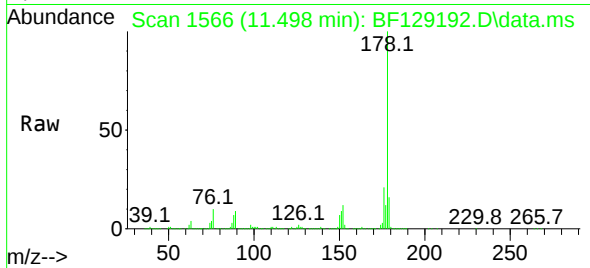
264 62.3 49.4 74.2





#71
Phenanthrene
Concen: 55.296 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

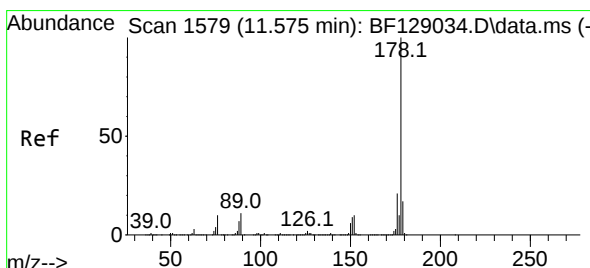
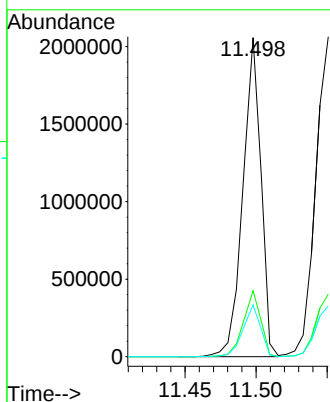
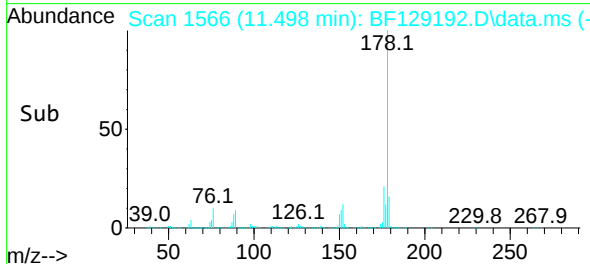
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:178 Resp: 182132
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 16.2 12.6 19.0

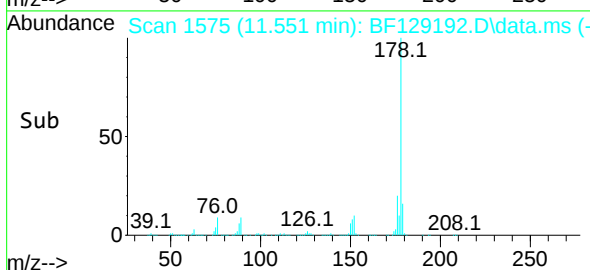
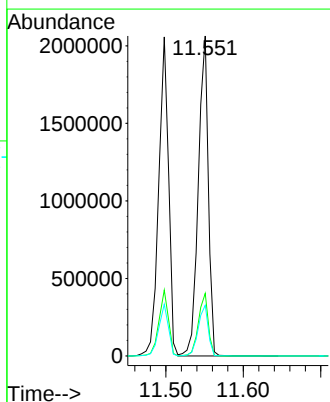
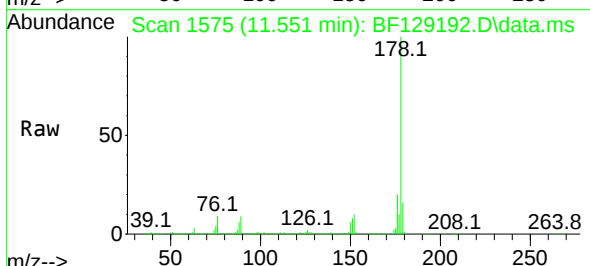
Manual Integrations
APPROVED

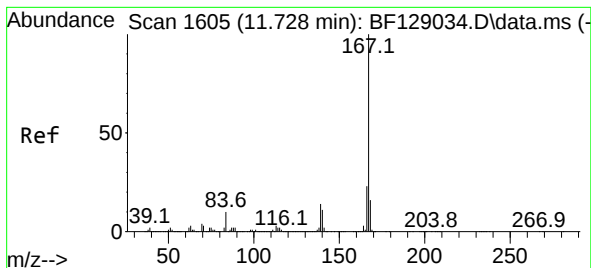
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#72
Anthracene
Concen: 56.945 ng
RT: 11.551 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

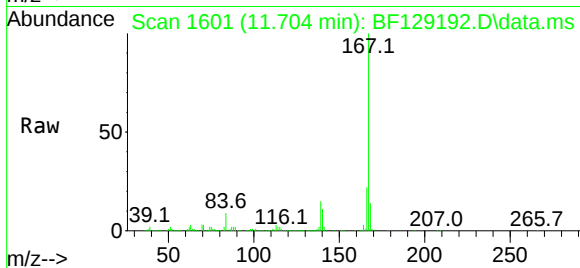
Tgt Ion:178 Resp: 1849253
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 51.708 ng
 RT: 11.704 min Scan# 1601
 Delta R.T. -0.000 min
 Lab File: BF129192.D
 Acq: 12 Jul 2022 16:41

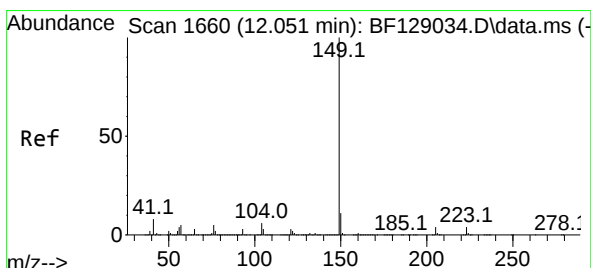
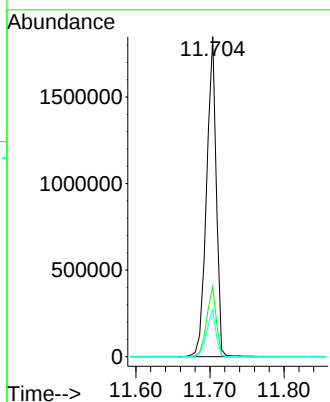
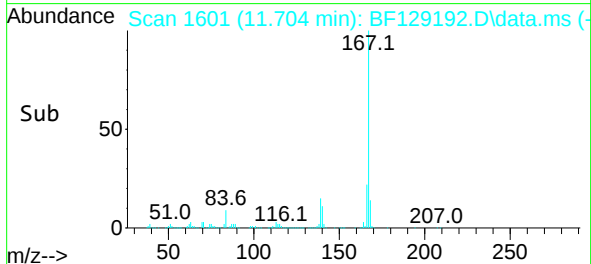
Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP1-0708MSD



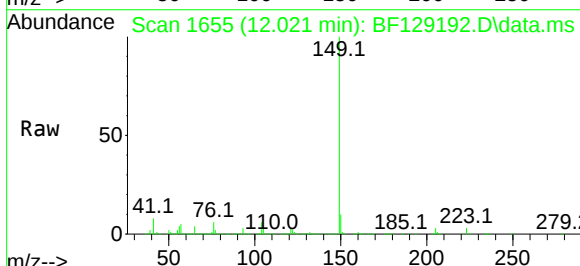
Tgt Ion:167 Resp: 1682594
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.7 11.2 16.8

Manual Integrations
 APPROVED

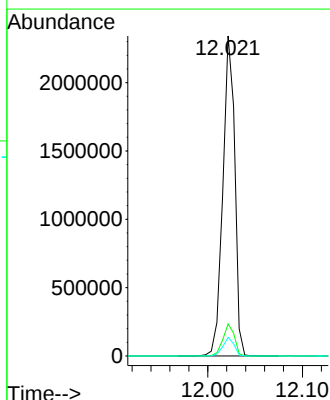
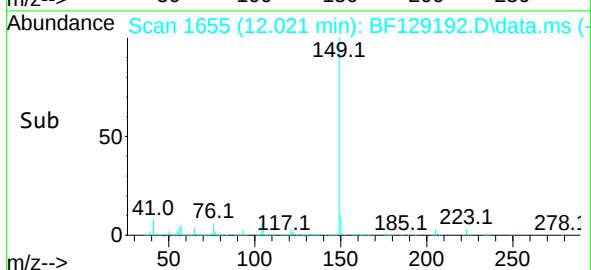
Reviewed By :Christian Giraldo 07/13/2022
 Supervised By :Jagrut Upadhyay 07/13/2022

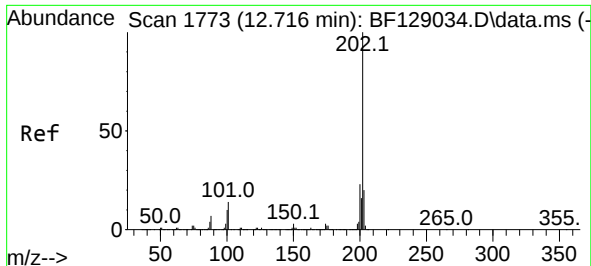


#74
 Di-n-butylphthalate
 Concen: 60.004 ng
 RT: 12.021 min Scan# 1655
 Delta R.T. -0.000 min
 Lab File: BF129192.D
 Acq: 12 Jul 2022 16:41



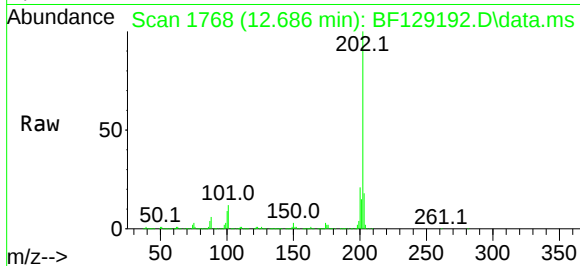
Tgt Ion:149 Resp: 2058687
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.8 4.4 6.6





#75
Fluoranthene
Concen: 51.545 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

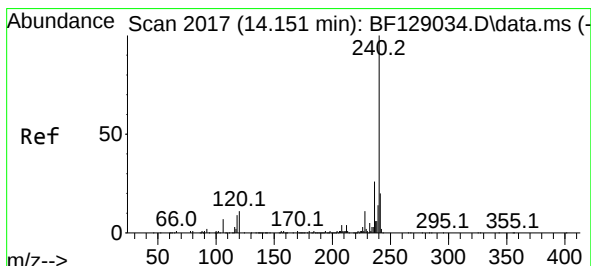
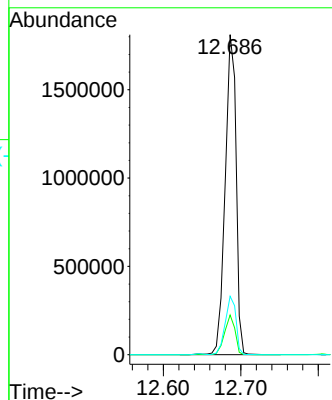
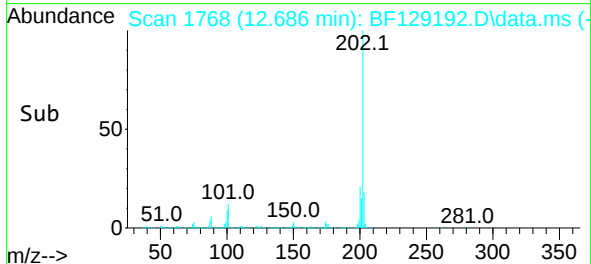
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:202 Resp: 1775520
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 18.2 0.0 38.0

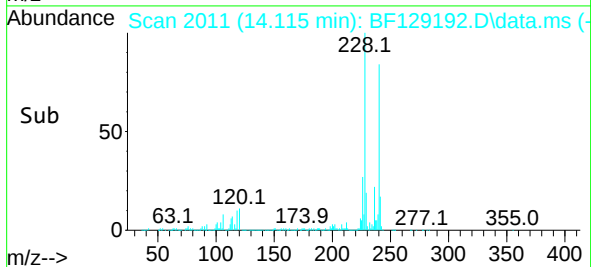
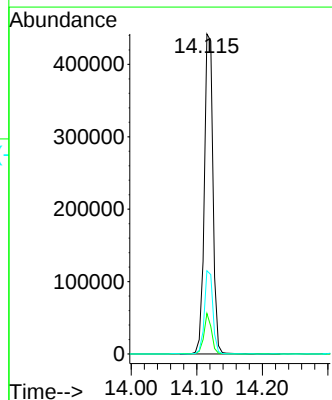
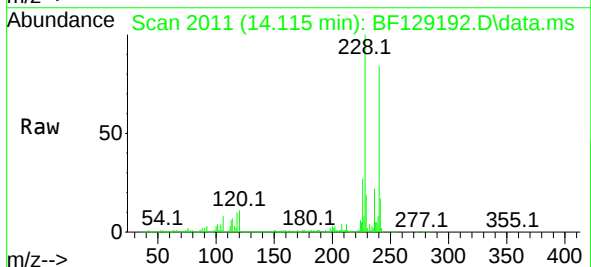
Manual Integrations
APPROVED

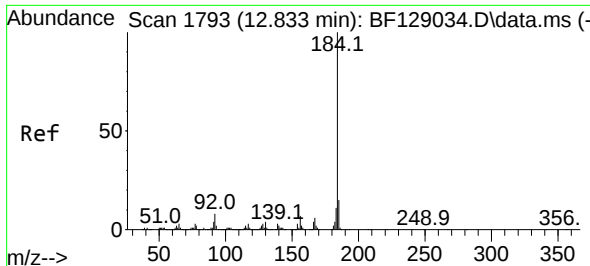
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

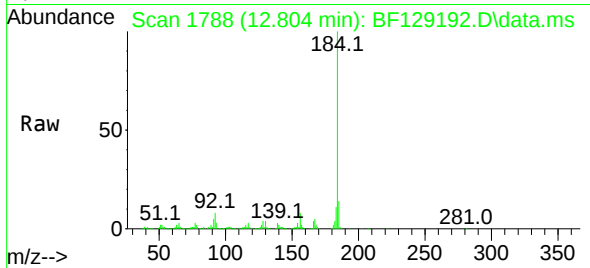
Tgt Ion:240 Resp: 406130
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 26.0 20.8 31.2





#77
Benzidine
Concen: 51.113 ng
RT: 12.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

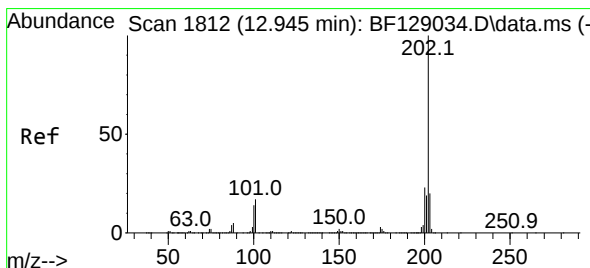
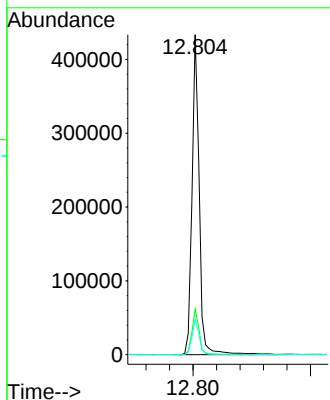
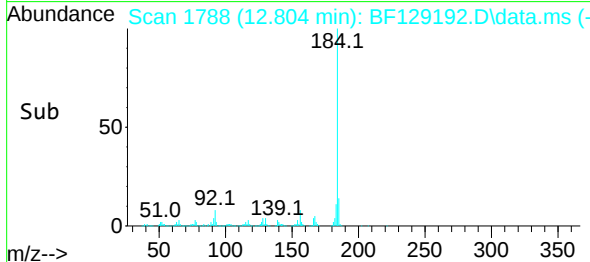
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



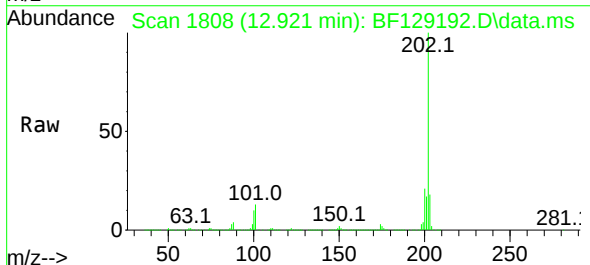
Tgt Ion:184 Resp: 369630
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.0 9.3 13.9

Manual Integrations
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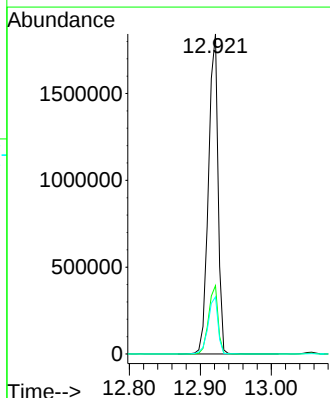
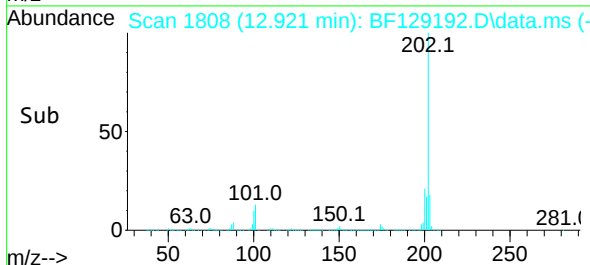
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

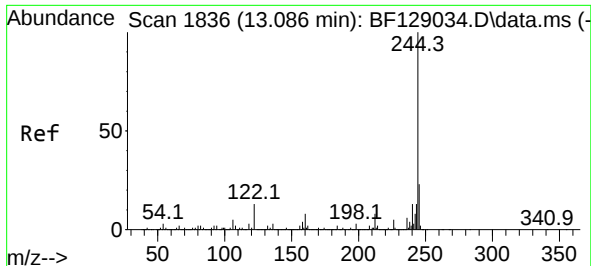


#78
Pyrene
Concen: 61.367 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



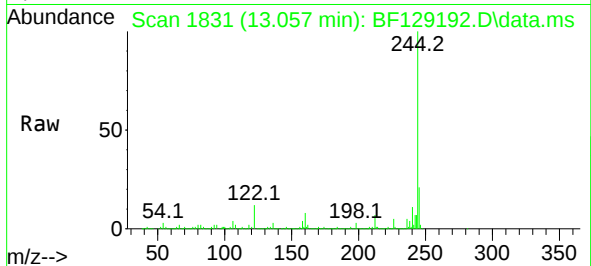
Tgt Ion:202 Resp: 1727553
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.9 14.6 21.8





#79
Terphenyl-d14
Concen: 130.670 ng
RT: 13.057 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

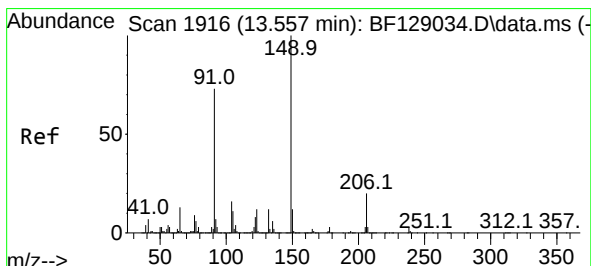
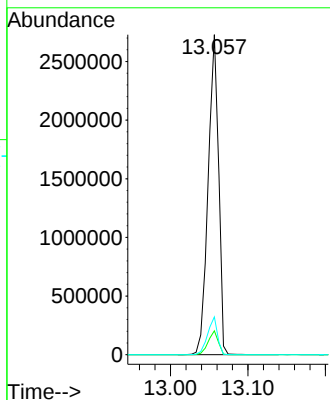
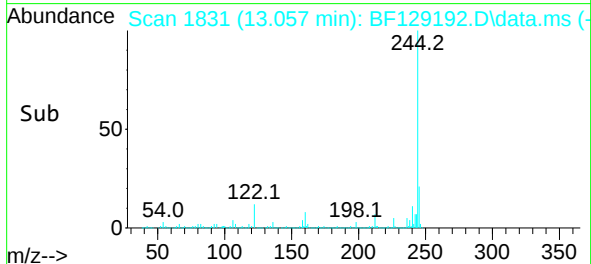
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:244 Resp: 255554
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 11.8 8.8 13.2

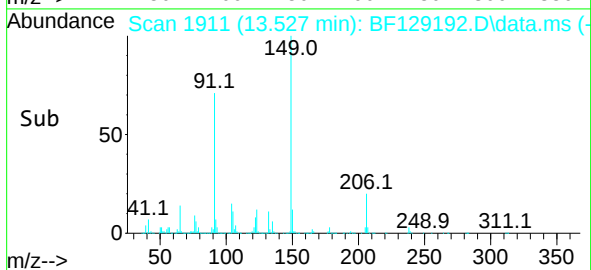
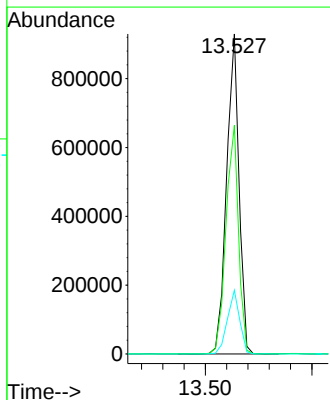
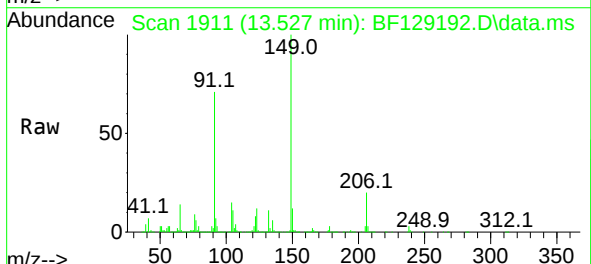
Manual Integrations
APPROVED

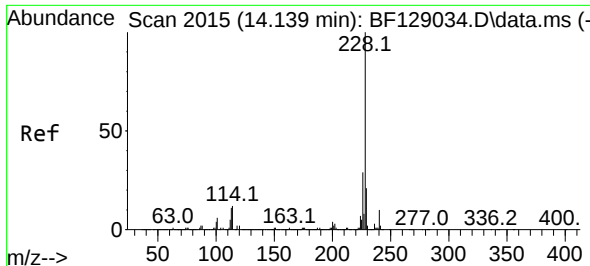
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#80
Butylbenzylphthalate
Concen: 65.598 ng
RT: 13.527 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

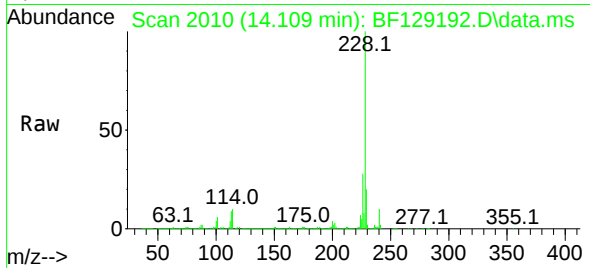
Tgt Ion:149 Resp: 752302
Ion Ratio Lower Upper
149 100
91 71.5 61.2 91.8
206 19.9 15.7 23.5





#81
Benzo(a)anthracene
Concen: 55.702 ng
RT: 14.109 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

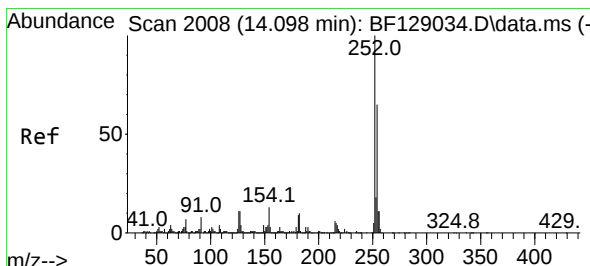
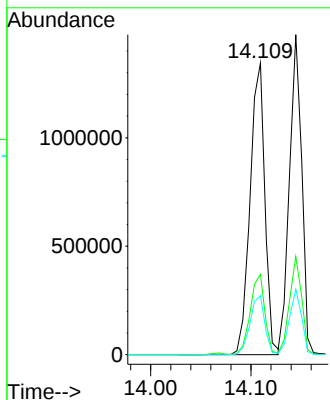
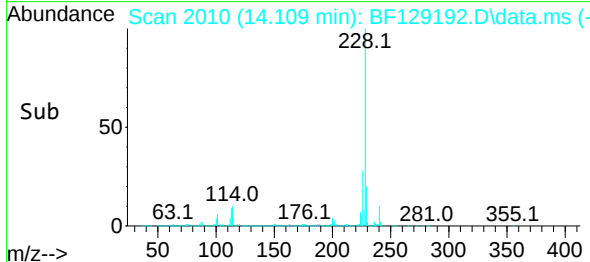
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:228 Resp: 1381280
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.2 15.8 23.8

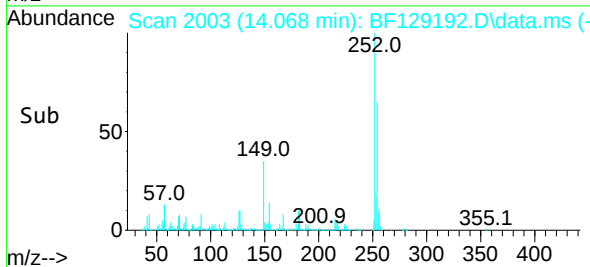
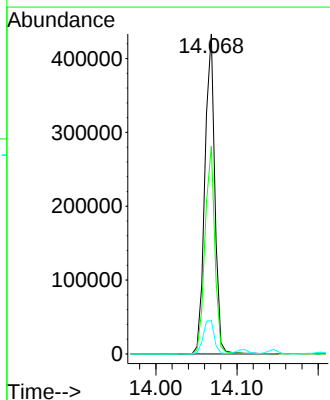
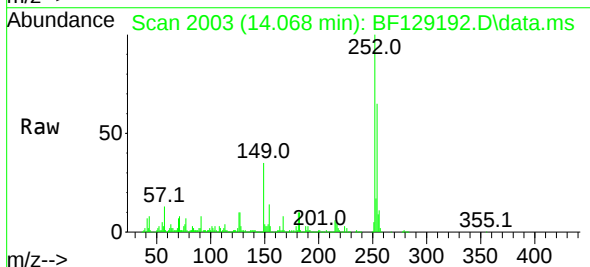
Manual Integrations
APPROVED

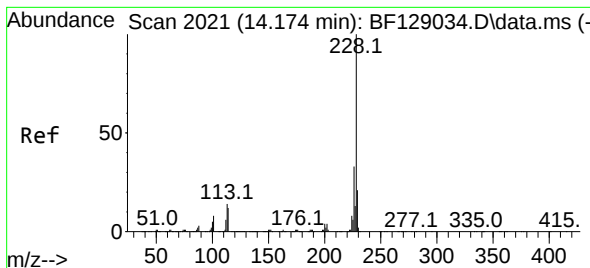
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#82
3,3'-Dichlorobenzidine
Concen: 68.748 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

Tgt Ion:252 Resp: 368363
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 10.4 8.2 12.4





#83

Chrysene

Concen: 54.810 ng

RT: 14.145 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD

Tgt Ion:228 Resp: 126178

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

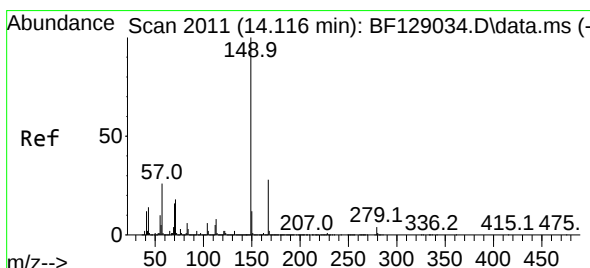
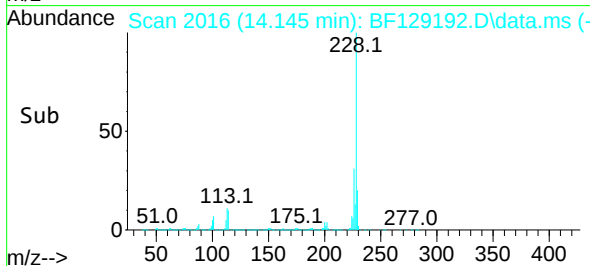
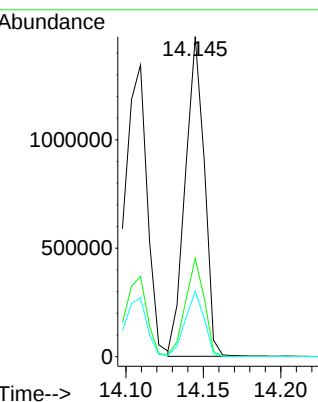
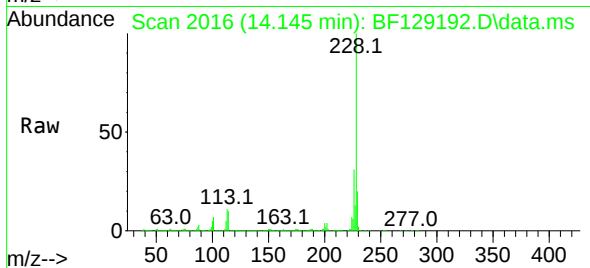
229 20.5 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.588 ng

RT: 14.080 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

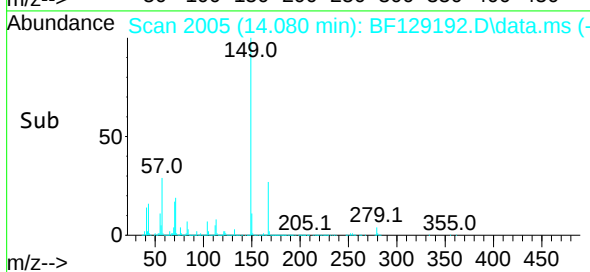
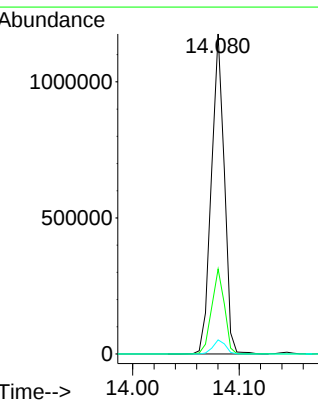
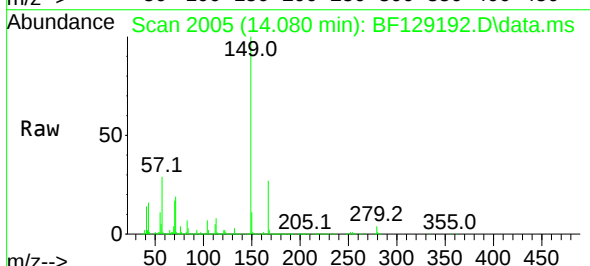
Tgt Ion:149 Resp: 984410

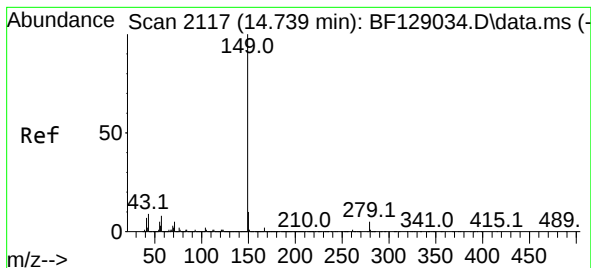
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

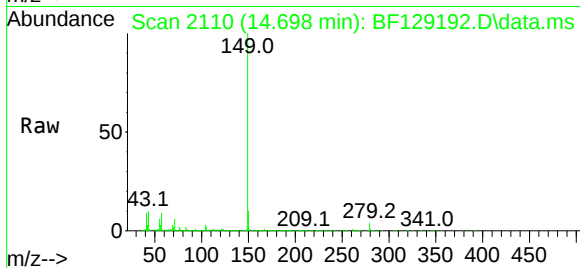
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 63.642 ng
RT: 14.698 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

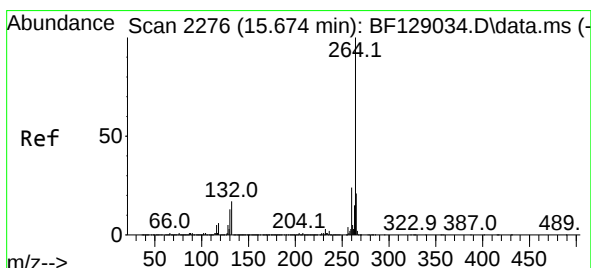
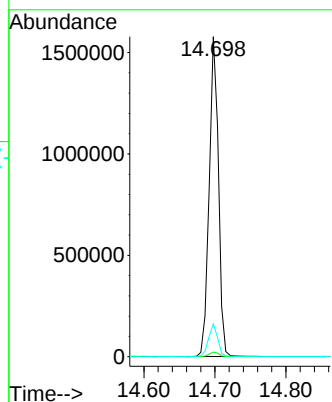
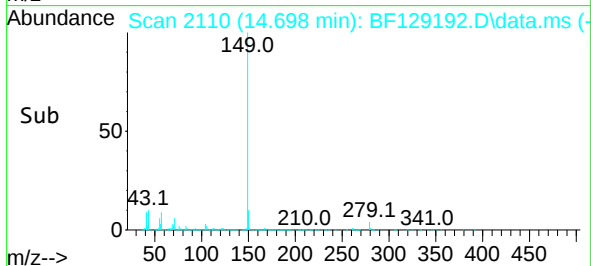
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



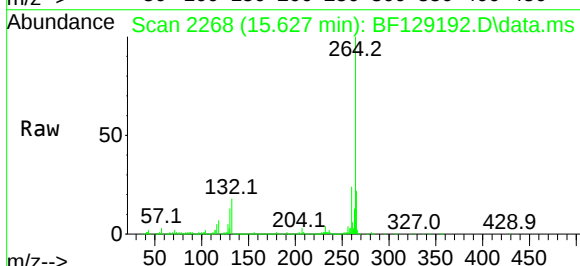
Tgt Ion:149 Resp: 1431900
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.0 9.2 13.8

Manual Integrations
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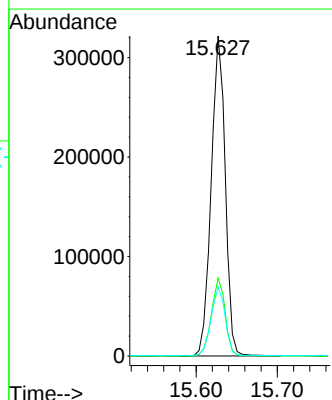
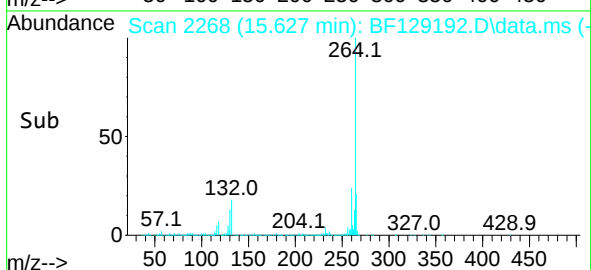
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

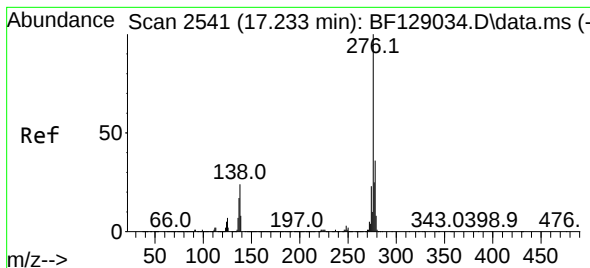


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



Tgt Ion:264 Resp: 386318
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 78.214 ng

RT: 17.174 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD

Tgt Ion:276 Resp: 1853194

Ion Ratio Lower Upper

276 100

138 28.6 21.1 31.7

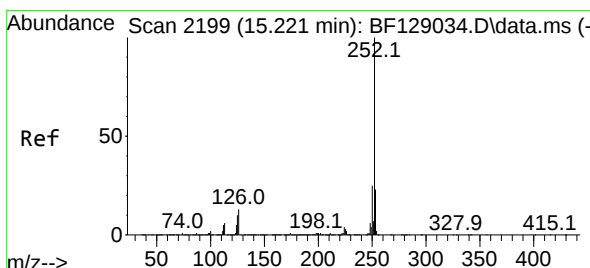
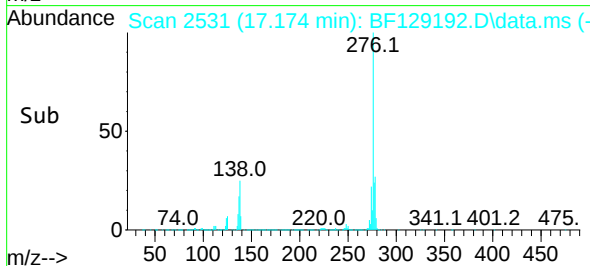
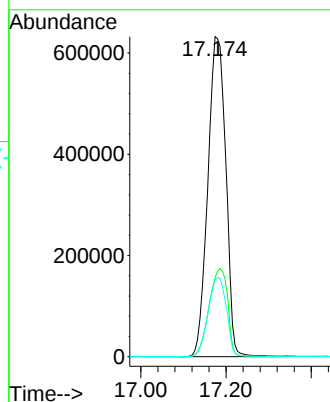
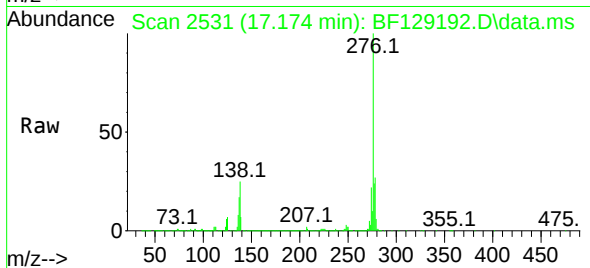
277 25.2 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#88

Benzo(b)fluoranthene

Concen: 57.472 ng

RT: 15.186 min Scan# 2193

Delta R.T. -0.000 min

Lab File: BF129192.D

Acq: 12 Jul 2022 16:41

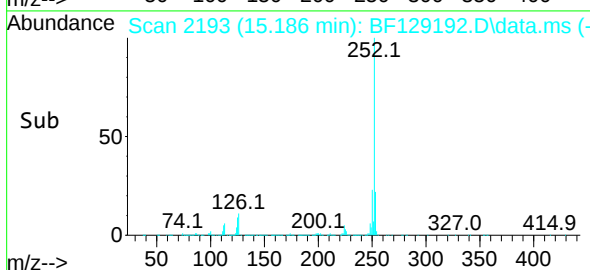
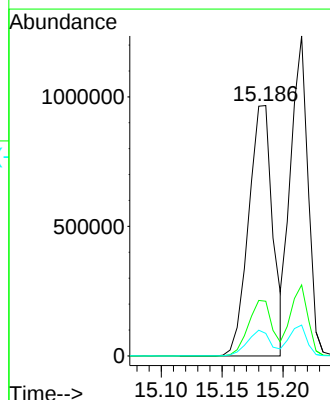
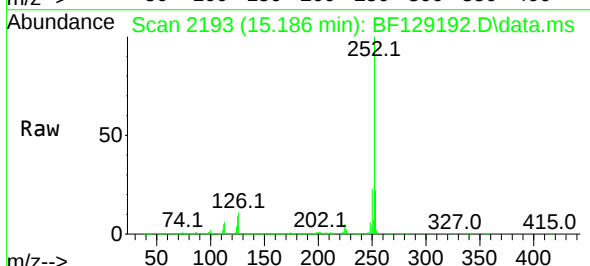
Tgt Ion:252 Resp: 1335251

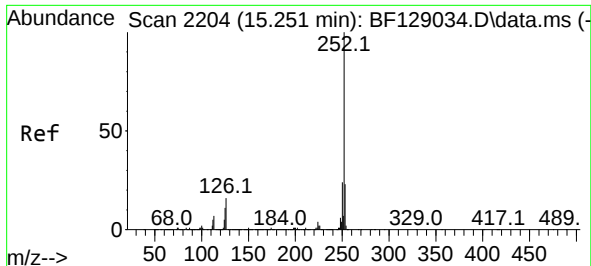
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

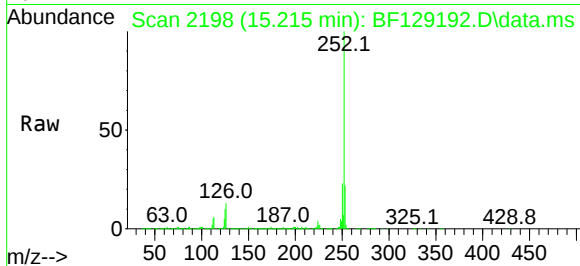
125 9.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 54.347 ng
RT: 15.215 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

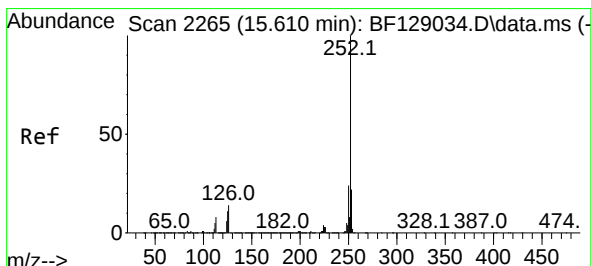
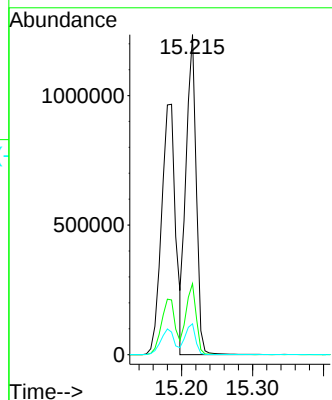
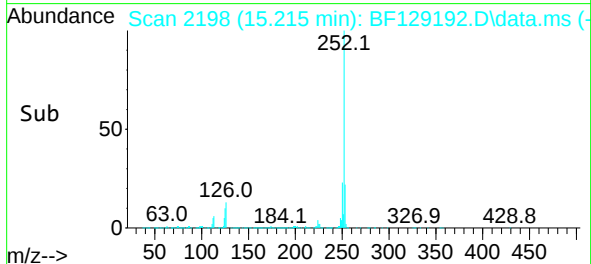
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



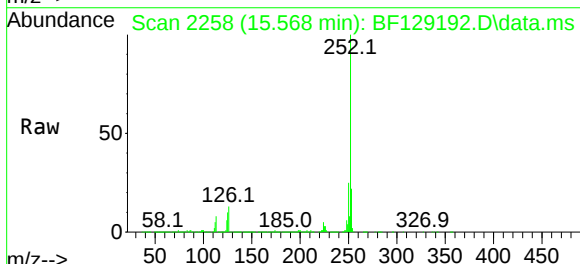
Tgt Ion:252 Resp: 1224669
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.6 8.3 12.5

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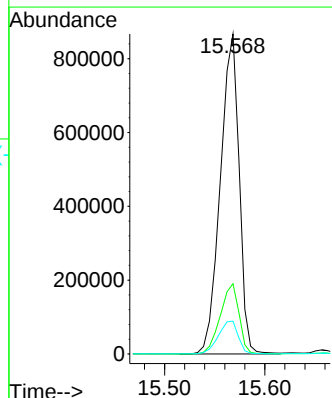
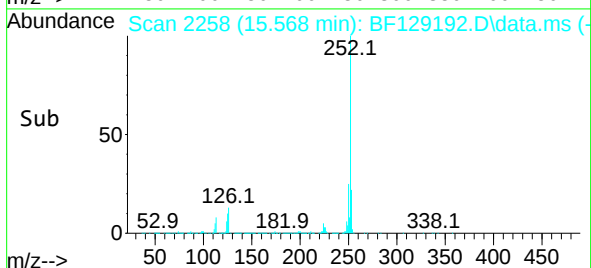
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

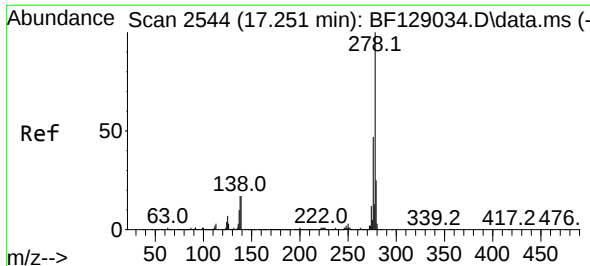


#90
Benzo(a)pyrene
Concen: 59.533 ng
RT: 15.568 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



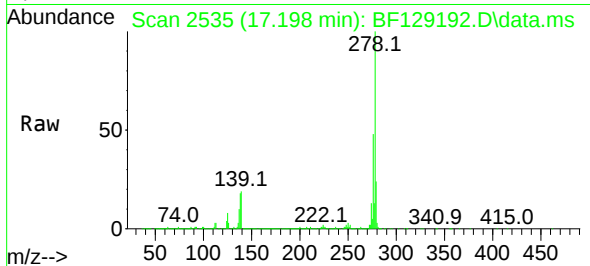
Tgt Ion:252 Resp: 1127548
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 82.147 ng
RT: 17.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41

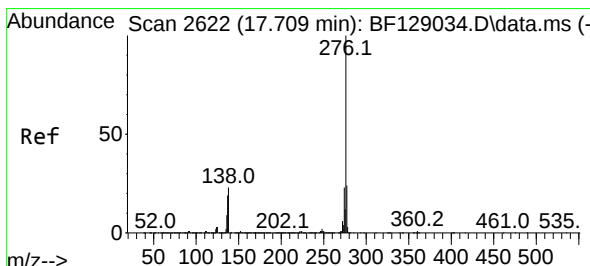
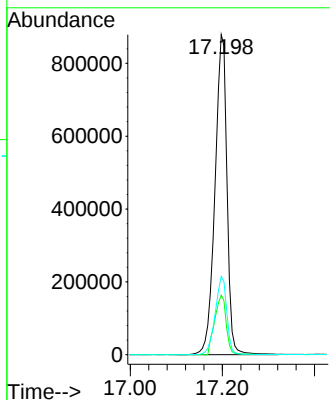
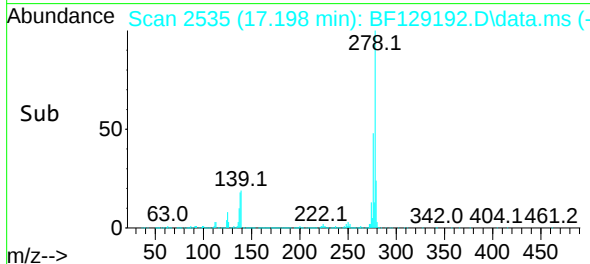
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



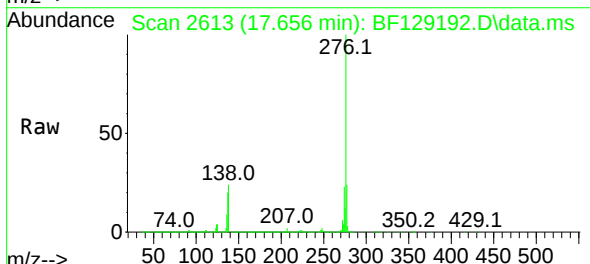
Tgt Ion: 278 Resp: 158667
Ion Ratio Lower Upper
278 100
139 18.6 12.8 19.2
279 24.5 18.6 28.0

Manual Integrations
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Reviewed By : Christian Giraldo 07/13/2022
Supervised By : Jagrut Upadhyay 07/13/2022



#92
Benzo(g,h,i)perylene
Concen: 87.824 ng
RT: 17.656 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BF129192.D
Acq: 12 Jul 2022 16:41



Tgt Ion: 276 Resp: 1701891
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 24.1 18.0 27.0

