

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129197.D
 Acq On : 12 Jul 2022 19:23
 Operator : CG\JU
 Sample : N3648-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP1-0708MSD

Quant Time: Jul 13 01:58:04 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	6.934	152	280600	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	890319	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	380854	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	552270	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	506304	20.000	ng	0.00
86) Perylene-d12	15.627	264	358964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1731640	104.332	ng	0.00
7) Phenol-d6	6.569	99	2154453	104.517	ng	0.00
23) Nitrobenzene-d5	7.504	82	1126181	75.448	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	366177	88.422	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1783109	74.900	ng	0.00
79) Terphenyl-d14	13.051	244	1654588	67.864	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	379776	51.323	ng	91
3) Pyridine	3.646	79	1032831	57.154	ng	88
4) n-Nitrosodimethylamine	3.604	42	507084	61.935	ng	89
6) Aniline	6.604	93	887405	38.493	ng	99
8) 2-Chlorophenol	6.722	128	920354	52.780	ng	100
9) Benzaldehyde	6.487	77	560275	82.286	ng	96
10) Phenol	6.581	94	1147737m	54.955	ng	
11) bis(2-Chloroethyl)ether	6.669	93	981058	59.349	ng	95
12) 1,3-Dichlorobenzene	6.875	146	990106	51.580	ng	99
13) 1,4-Dichlorobenzene	6.951	146	993473	51.311	ng	98
14) 1,2-Dichlorobenzene	7.104	146	929829	51.087	ng	97
15) Benzyl Alcohol	7.081	79	782688	53.980	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1435354	60.795	ng	93
17) 2-Methylphenol	7.187	107	741716	52.272	ng	99
18) Hexachloroethane	7.445	117	339838	49.995	ng	# 86
19) n-Nitroso-di-n-propyla...	7.351	70	642265	53.862	ng	91
20) 3+4-Methylphenols	7.339	107	902505	50.016	ng	94
22) Acetophenone	7.345	105	1211807	59.333	ng	# 95
24) Nitrobenzene	7.522	77	824409	57.082	ng	98
25) Isophorone	7.757	82	1473106	58.395	ng	100
26) 2-Nitrophenol	7.834	139	390179	58.130	ng	97
27) 2,4-Dimethylphenol	7.869	122	688965	56.854	ng	99
28) bis(2-Chloroethoxy)met...	7.963	93	892442	51.512	ng	99
29) 2,4-Dichlorophenol	8.075	162	575136	46.532	ng	98
30) 1,2,4-Trichlorobenzene	8.157	180	618697	45.488	ng	97
31) Naphthalene	8.245	128	2329225	57.628	ng	99
32) Benzoic acid	7.998	122	411030	42.276	ng	100
33) 4-Chloroaniline	8.292	127	283797	17.425	ng	97
34) Hexachlorobutadiene	8.357	225	391807	48.243	ng	98
35) Caprolactam	8.663	113	190024m	48.483	ng	
36) 4-Chloro-3-methylphenol	8.769	107	607539	48.378	ng	98
37) 2-Methylnaphthalene	8.934	142	1429498	52.561	ng	99
38) 1-Methylnaphthalene	9.033	142	1296766	49.098	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	577765	53.971	ng	99
41) Hexachlorocyclopentadiene	9.081	237	217975	38.574	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	369687	50.699	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	383723	49.474	ng	# 94
46) 1,1'-Biphenyl	9.398	154	1520191	55.521	ng	99
47) 2-Chloronaphthalene	9.422	162	1106834	52.347	ng	98
48) 2-Nitroaniline	9.522	65	361409	64.896	ng	90
49) Acenaphthylene	9.839	152	1696066	52.790	ng	99
50) Dimethylphthalate	9.698	163	1295234	54.361	ng	100
51) 2,6-Dinitrotoluene	9.763	165	276590	56.809	ng	92
52) Acenaphthene	10.016	154	1058541	50.581	ng	99
53) 3-Nitroaniline	9.928	138	206208	35.516	ng	# 97
54) 2,4-Dinitrophenol	10.033	184	107634	44.238	ng	90
55) Dibenzofuran	10.186	168	1467841	48.168	ng	97
56) 4-Nitrophenol	10.092	139	442584	93.296	ng	96
57) 2,4-Dinitrotoluene	10.163	165	333947	55.560	ng	99
58) Fluorene	10.528	166	1110965	47.131	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.304	232	275970	42.948	ng	97
60) Diethylphthalate	10.392	149	1244586	52.130	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	545908	46.482	ng	92
62) 4-Nitroaniline	10.545	138	234072	40.656	ng	94
63) Azobenzene	10.675	77	1137366	48.624	ng	93
65) 4,6-Dinitro-2-methylph...	10.569	198	68004	27.833	ng	96
66) n-Nitrosodiphenylamine	10.633	169	966532	57.625	ng	96
67) 4-Bromophenyl-phenylether	11.010	248	319198	54.335	ng	97
68) Hexachlorobenzene	11.075	284	341867	52.261	ng	99
69) Atrazine	11.163	200	279554	59.231	ng	99
70) Pentachlorophenol	11.269	266	363713	93.349	ng	99
71) Phenanthrene	11.492	178	1414771	53.616	ng	99
72) Anthracene	11.545	178	1411712	54.263	ng	100
73) Carbazole	11.698	167	1269127	48.683	ng	99
74) Di-n-butylphthalate	12.022	149	1570890	57.152	ng	99
75) Fluoranthene	12.686	202	1459847	52.900	ng	99
77) Benzidine	12.804	184	613157	68.012	ng	99
78) Pyrene	12.916	202	1509501	43.012	ng	98
80) Butylbenzylphthalate	13.527	149	751869	52.589	ng	93
81) Benzo(a)anthracene	14.110	228	1677531	54.264	ng	98
82) 3,3'-Dichlorobenzidine	14.068	252	482015	72.161	ng	97
83) Chrysene	14.145	228	1510779	52.641	ng	97
84) Bis(2-ethylhexyl)phtha...	14.080	149	1074292	56.539	ng	98
85) Di-n-octyl phthalate	14.698	149	1749436	62.371	ng	98
87) Indeno(1,2,3-cd)pyrene	17.174	276	1051118	47.743	ng	100
88) Benzo(b)fluoranthene	15.186	252	1328237	61.526	ng	99
89) Benzo(k)fluoranthene	15.215	252	1178810	56.298	ng	100
90) Benzo(a)pyrene	15.568	252	1083451	61.564	ng	98
91) Dibenzo(a,h)anthracene	17.192	278	863138	48.093	ng	97
92) Benzo(g,h,i)perylene	17.651	276	886132	49.213	ng	99

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

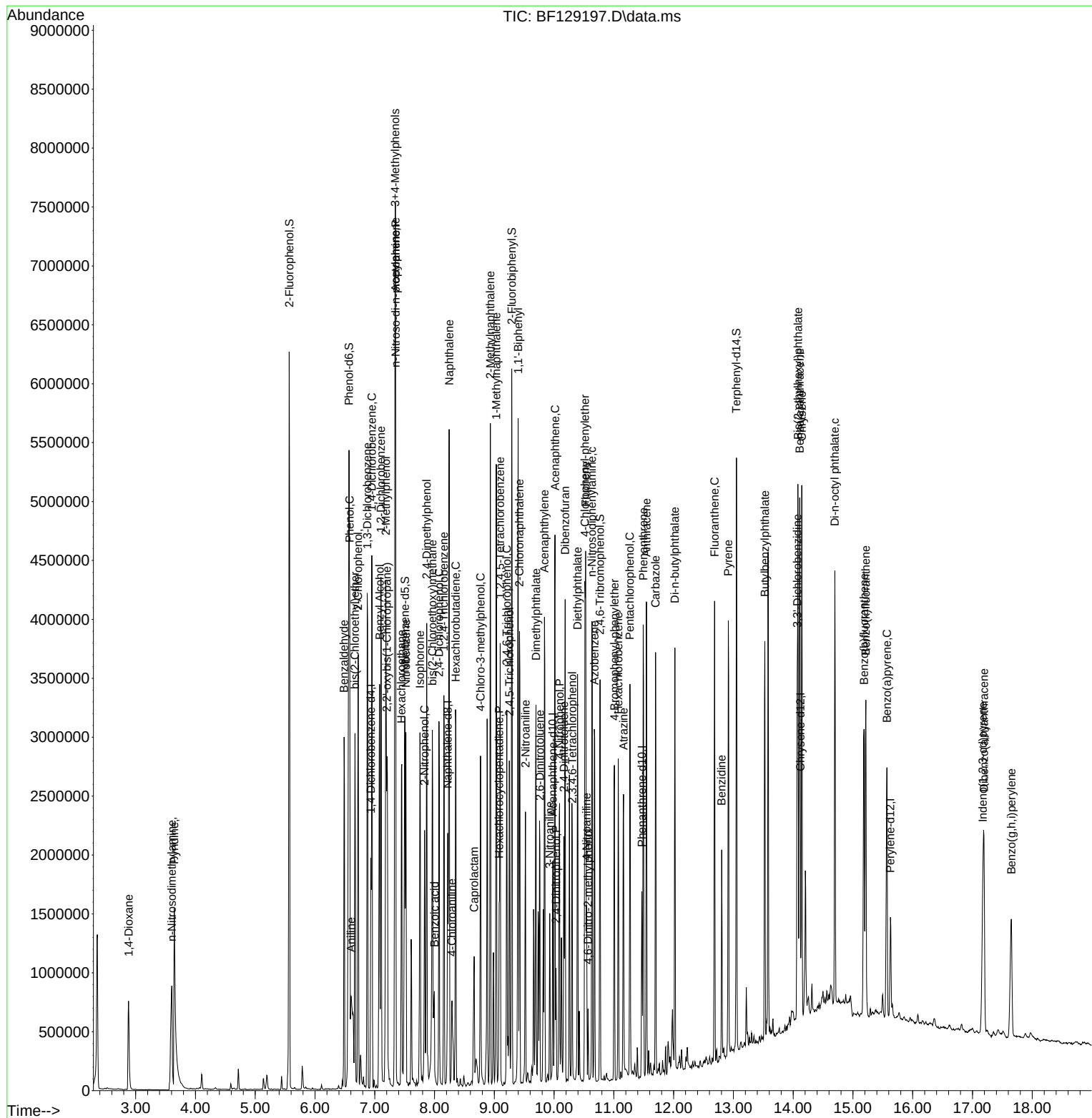
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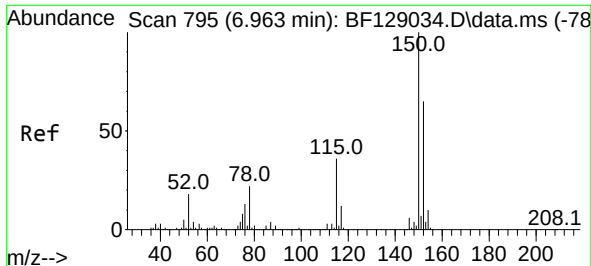
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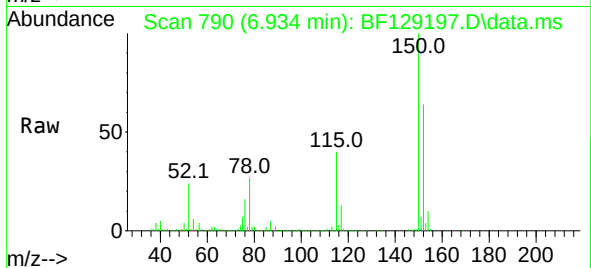
Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

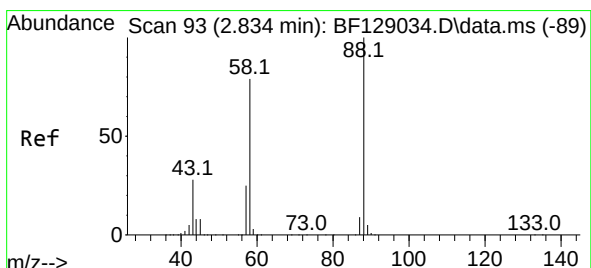
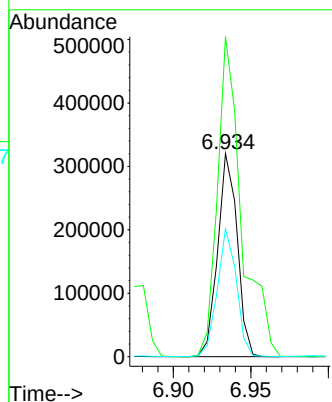
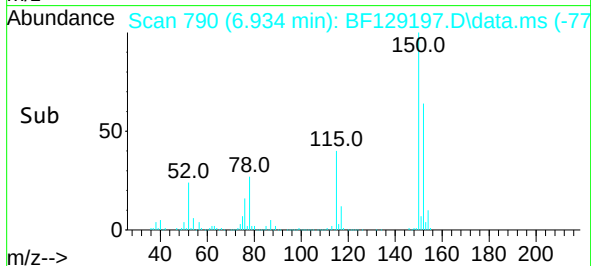
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



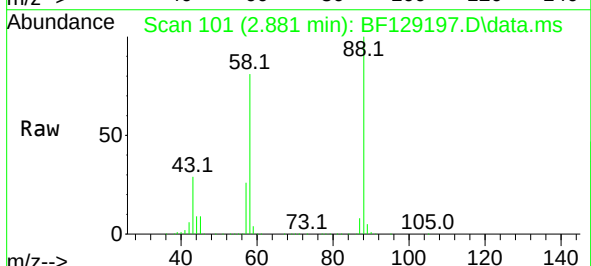
Tgt Ion:152 Resp: 280600
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 63.0 49.9 74.9

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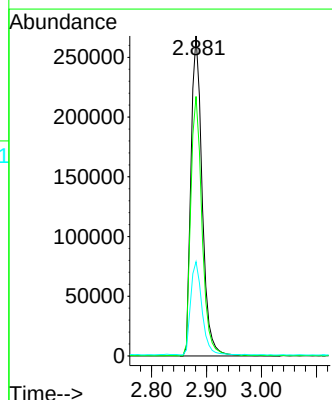
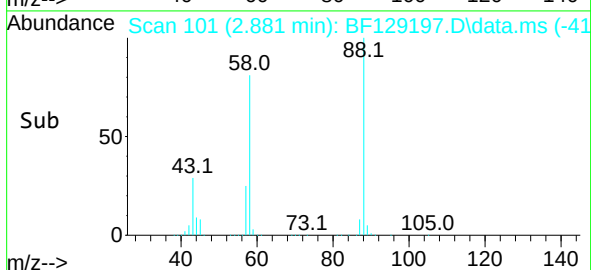
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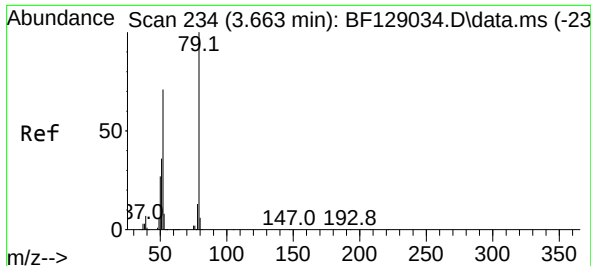


#2
1,4-Dioxane
Concen: 51.323 ng
RT: 2.881 min Scan# 101
Delta R.T. 0.053 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



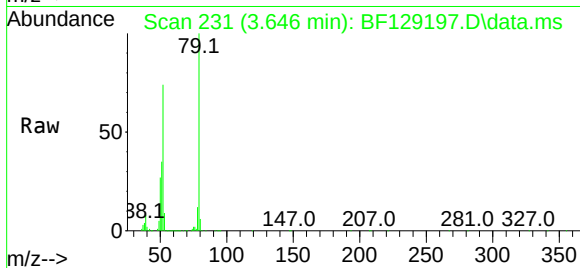
Tgt Ion: 88 Resp: 379776
Ion Ratio Lower Upper
88 100
58 81.2 71.8 107.8
43 29.1 26.6 39.8





#3
Pyridine
Concen: 57.154 ng
RT: 3.646 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

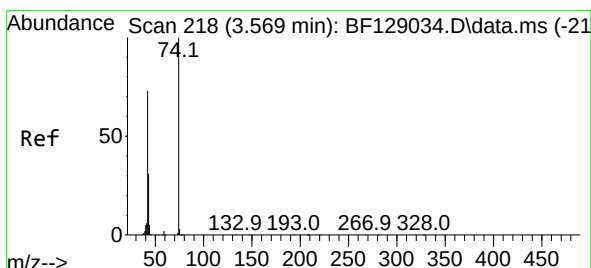
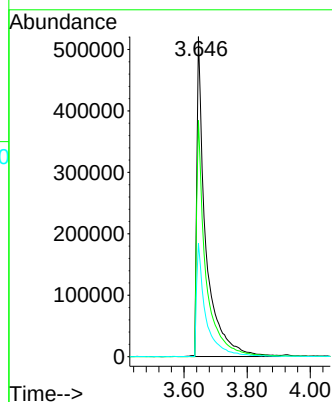
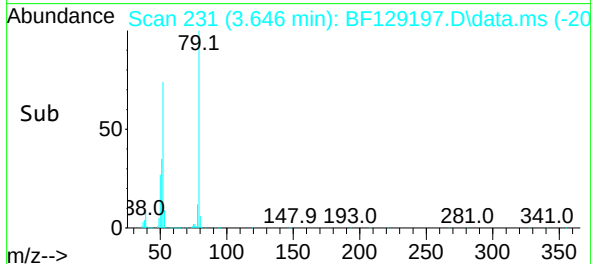
Instrument :
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ClientSampleId :
CMR-TP1-0708MSD



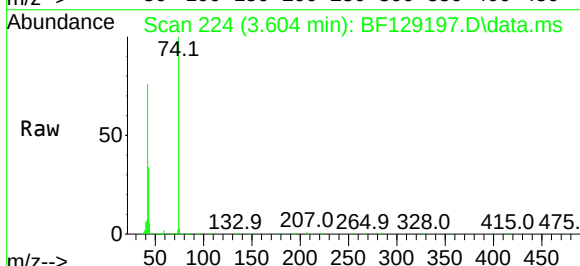
Tgt Ion: 79 Resp: 103283
Ion Ratio Lower Upper
79 100
52 73.8 68.6 102.8
51 35.4 32.9 49.3

Manual Integrations
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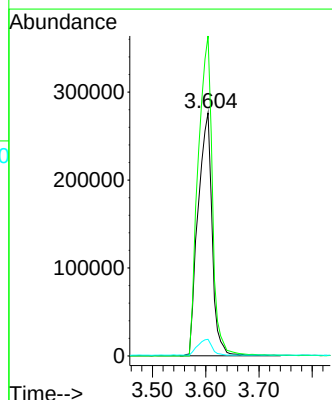
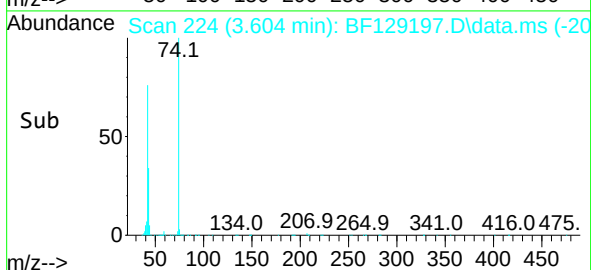
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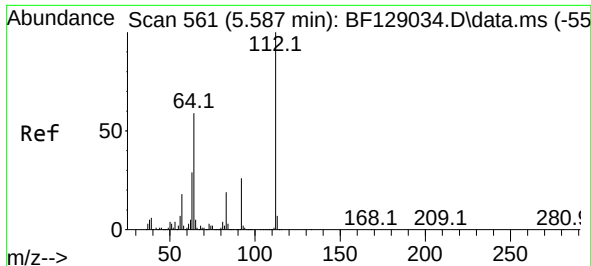


#4
n-Nitrosodimethylamine
Concen: 61.935 ng
RT: 3.604 min Scan# 224
Delta R.T. 0.041 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



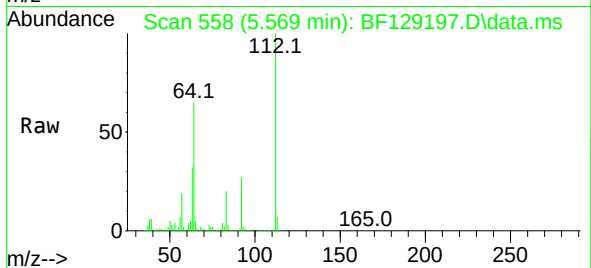
Tgt Ion: 42 Resp: 507084
Ion Ratio Lower Upper
42 100
74 131.7 94.8 142.2
44 6.9 6.6 10.0





#5
2-Fluorophenol
Concen: 104.332 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

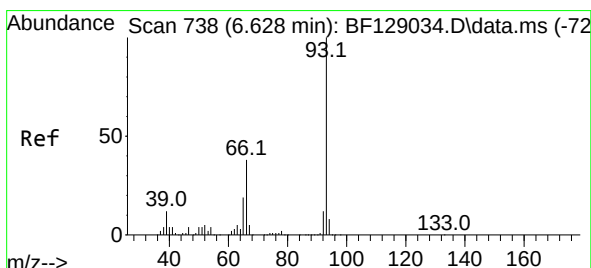
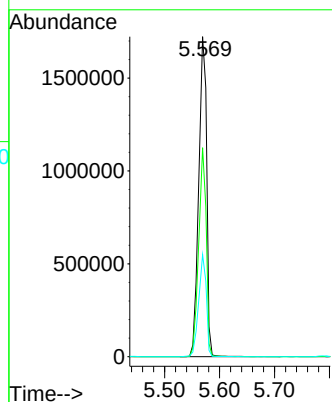
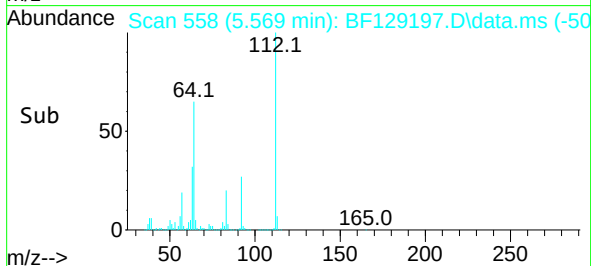
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:112 Resp: 1731640
Ion Ratio Lower Upper
112 100
64 65.3 53.3 79.9
63 31.9 28.0 42.0

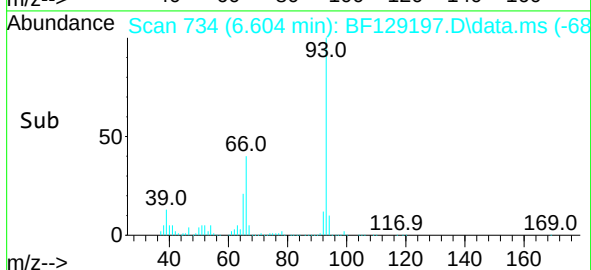
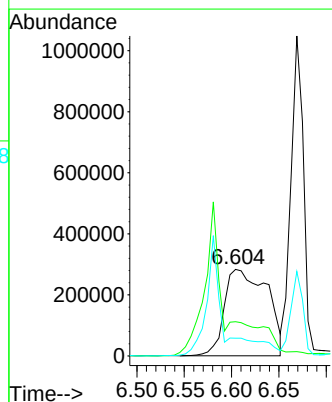
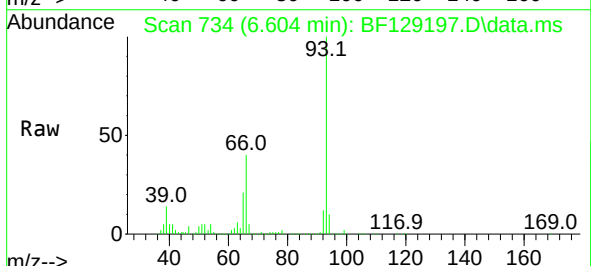
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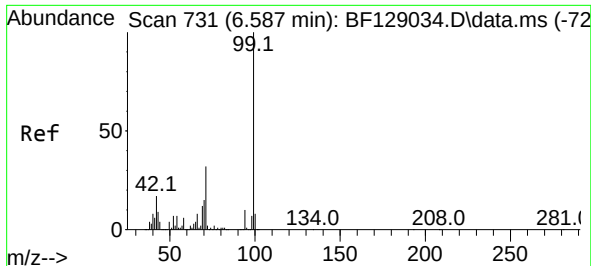
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#6
Aniline
Concen: 38.493 ng
RT: 6.604 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

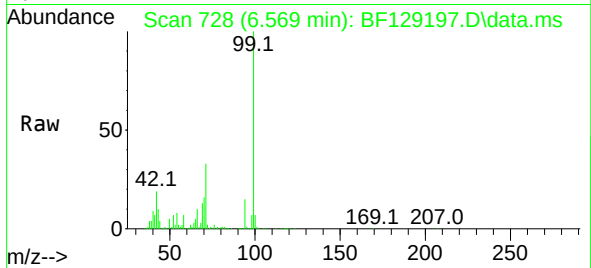
Tgt Ion: 93 Resp: 887405
Ion Ratio Lower Upper
93 100
66 39.5 32.5 48.7
65 20.6 16.4 24.6





#7
Phenol-d6
Concen: 104.517 ng
RT: 6.569 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

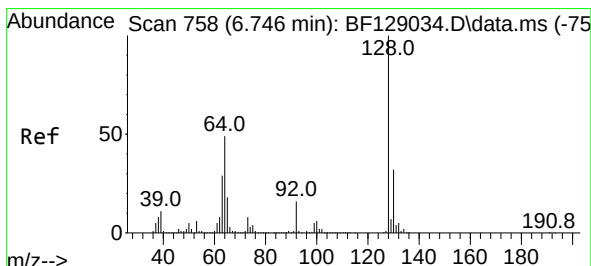
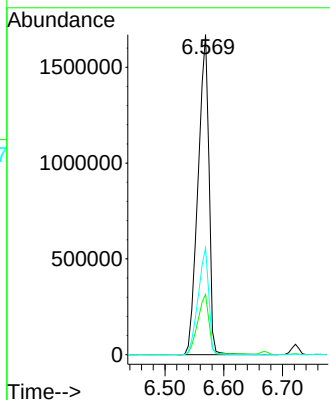
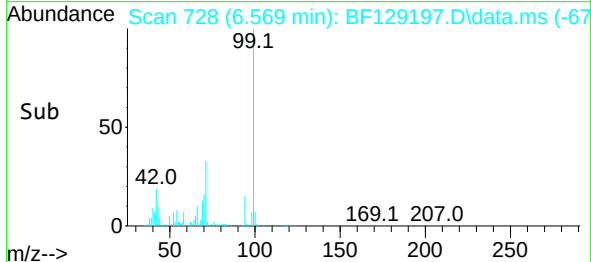
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Tgt Ion: 99 Resp: 215445
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 33.4 28.9 43.3

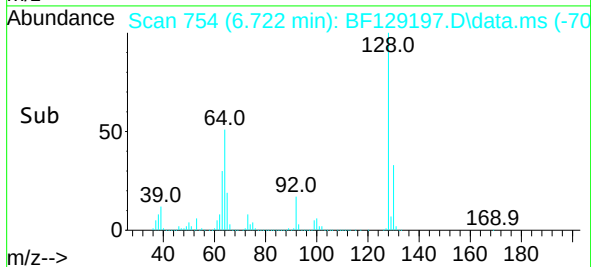
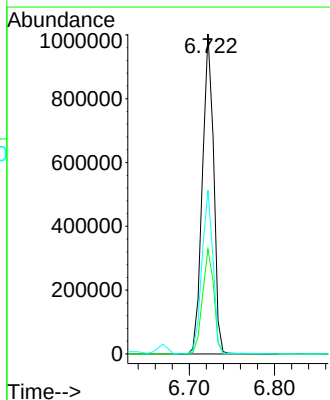
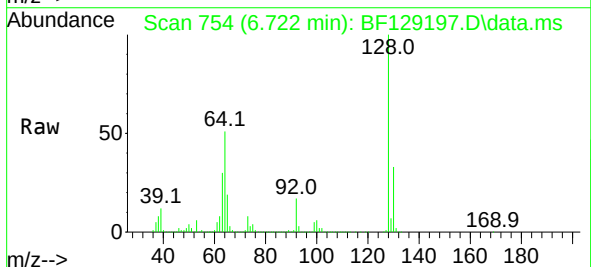
Manual Integrations
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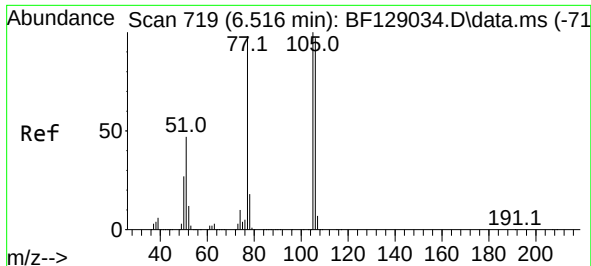
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#8
2-Chlorophenol
Concen: 52.780 ng
RT: 6.722 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

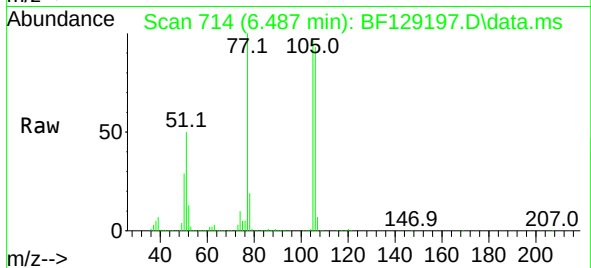
Tgt Ion:128 Resp: 920354
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 51.2 30.9 70.9





#9
Benzaldehyde
Concen: 82.286 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

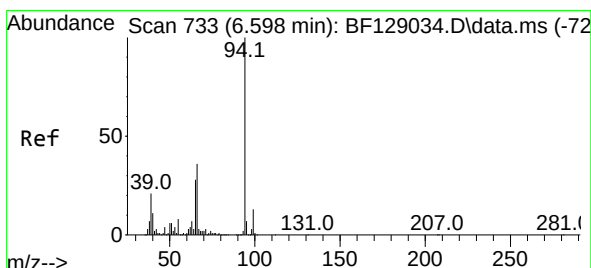
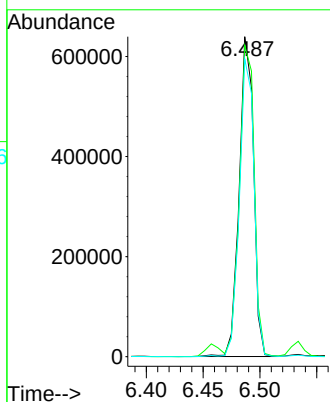
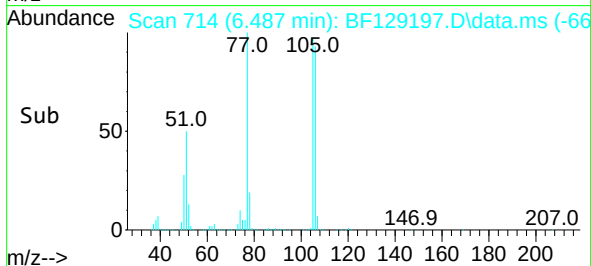
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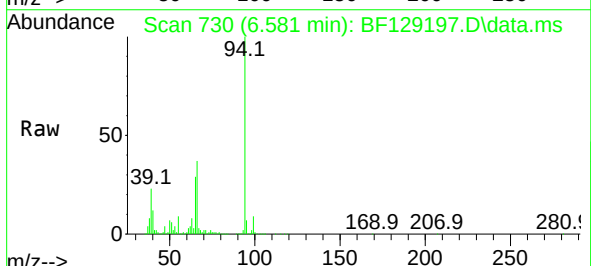
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Ion Ratio Lower Upper
77 100
105 97.2 81.6 121.6
106 93.0 76.1 116.1

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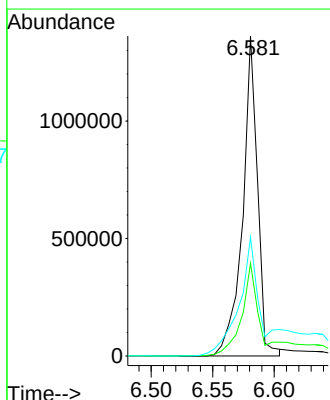
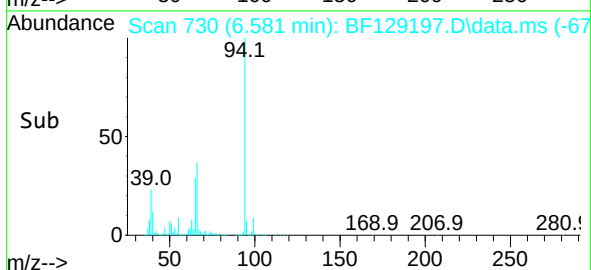
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

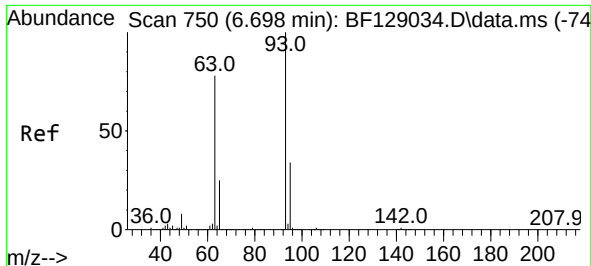


#10
Phenol
Concen: 54.955 ng m
RT: 6.581 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



Tgt Ion: 94 Resp: 1147737
Ion Ratio Lower Upper
94 100
65 29.0 11.4 51.4
66 37.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 59.349 ng

RT: 6.669 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF129197.D

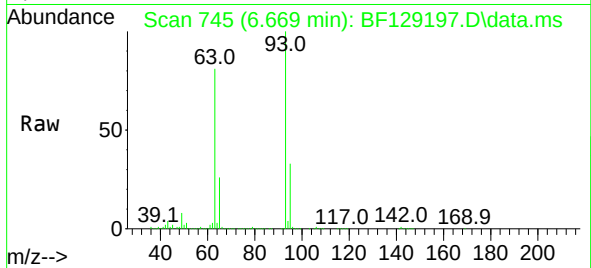
Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion: 93 Resp: 981058

Ion Ratio Lower Upper

93 100

63 80.8 67.4 107.4

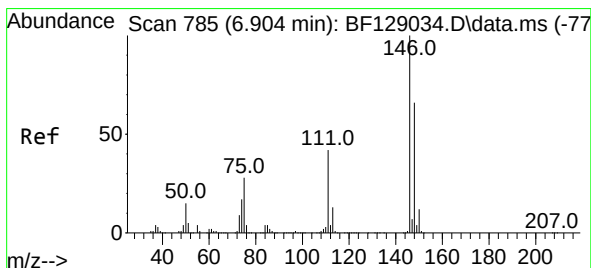
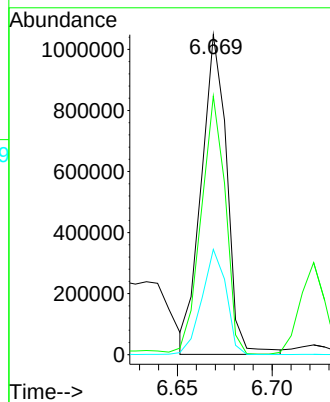
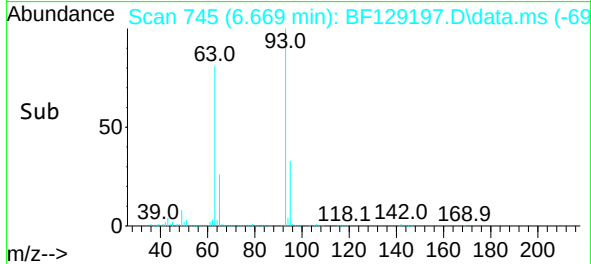
95 32.9 12.7 52.7

Manual Integrations

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Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#12

1,3-Dichlorobenzene

Concen: 51.580 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

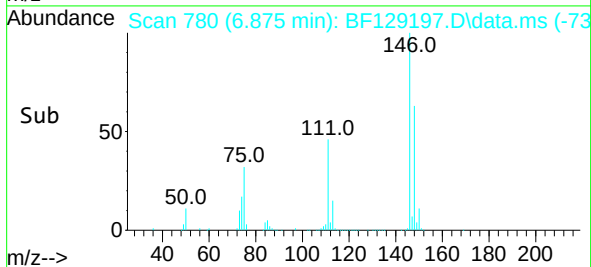
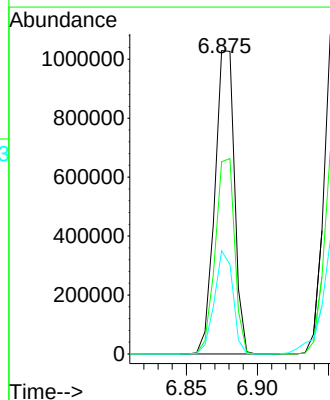
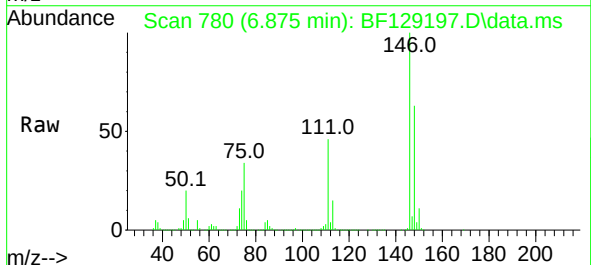
Tgt Ion:146 Resp: 990106

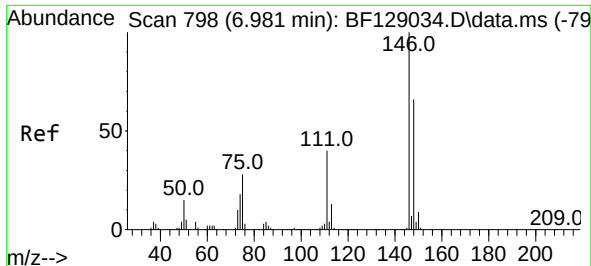
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

75 34.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 51.311 ng

RT: 6.951 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

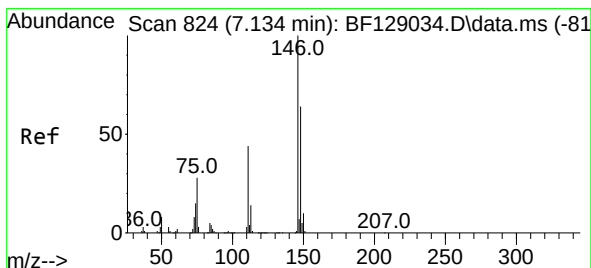
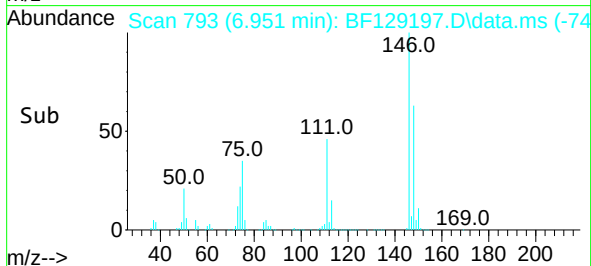
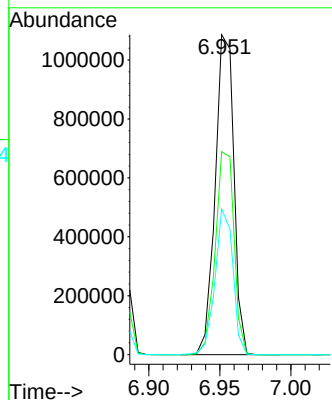
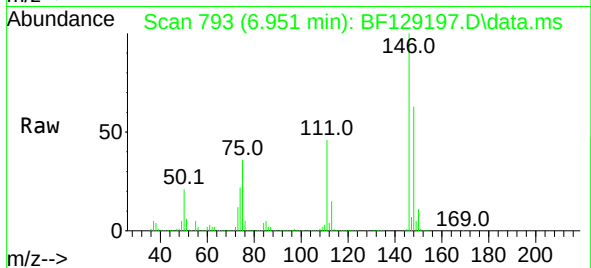
CMR-TP1-0708MSD

Tgt Ion:	146	Resp:	99347
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.1	76.7
111	45.6	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: 51.087 ng

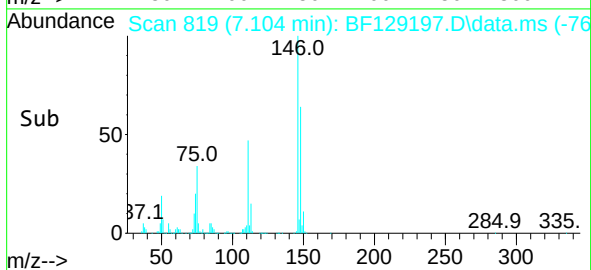
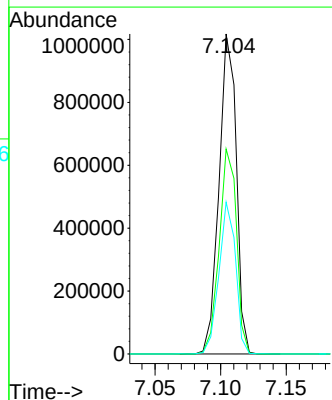
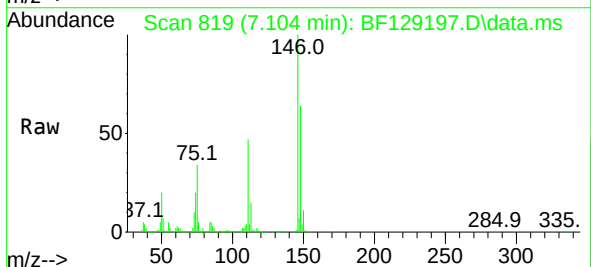
RT: 7.104 min Scan# 819

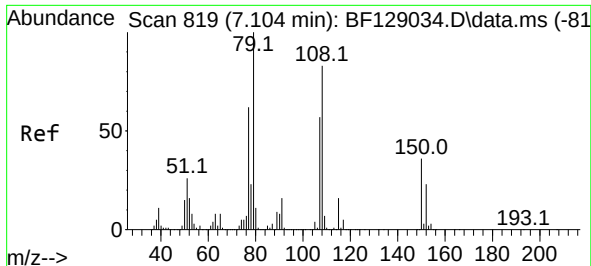
Delta R.T. -0.006 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

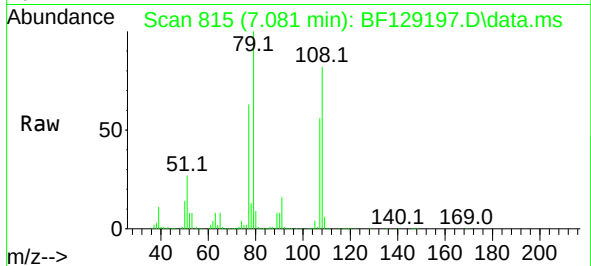
Tgt Ion:	146	Resp:	929829
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
111	47.5	35.1	52.7





#15
Benzyl Alcohol
Concen: 53.980 ng
RT: 7.081 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

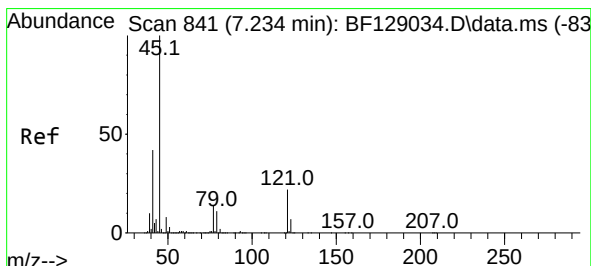
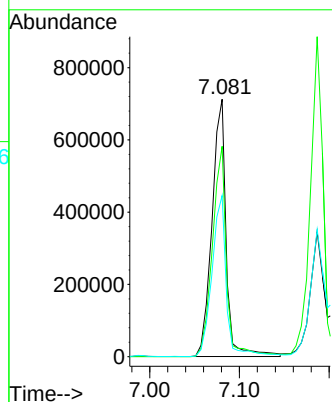
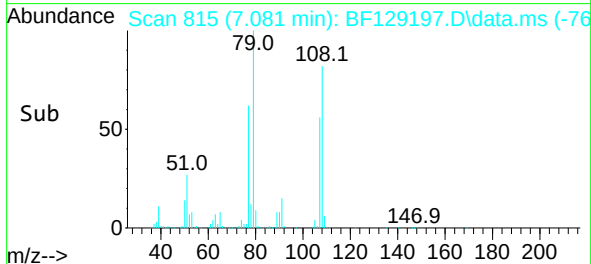
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



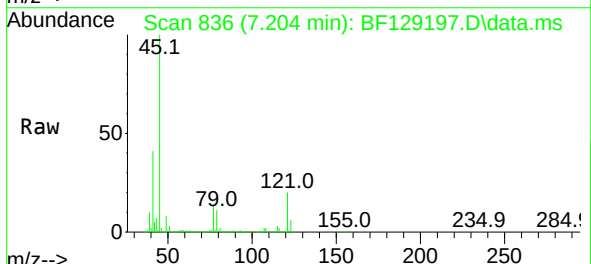
Tgt Ion: 79 Resp: 782688
Ion Ratio Lower Upper
79 100
108 81.7 61.8 92.6
77 62.6 50.2 75.4

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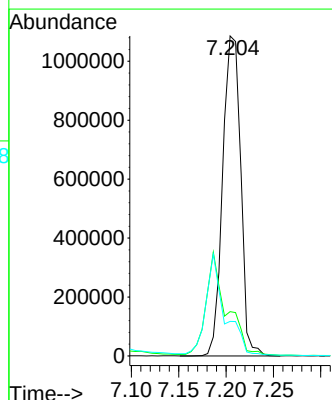
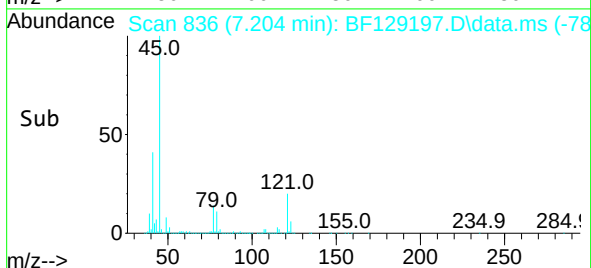
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

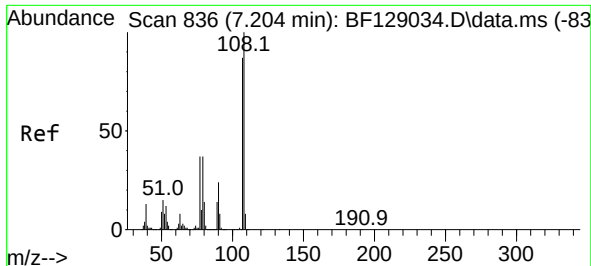


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.795 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



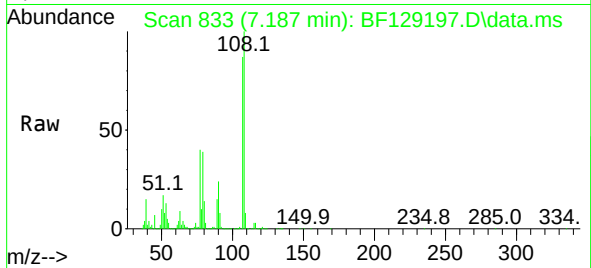
Tgt Ion: 45 Resp: 1435354
Ion Ratio Lower Upper
45 100
77 13.8 0.0 31.3
79 10.8 0.0 28.3





#17
2-Methylphenol
Concen: 52.272 ng
RT: 7.187 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

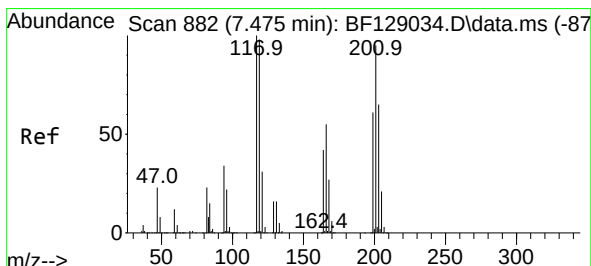
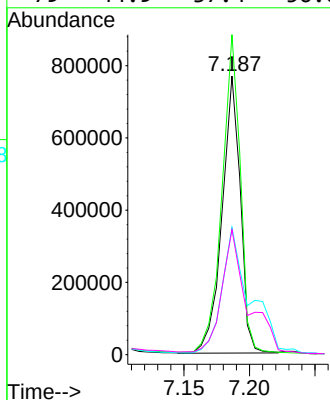
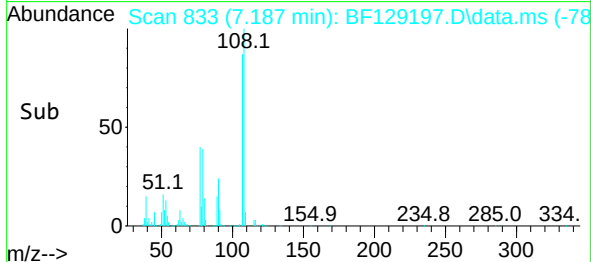
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:107 Resp: 741710
Ion Ratio Lower Upper
107 100
108 114.9 91.9 137.9
77 45.7 37.8 56.8
79 44.9 37.4 56.0

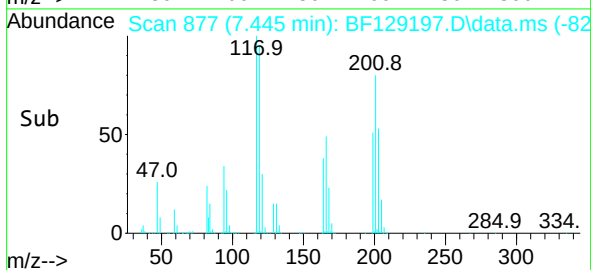
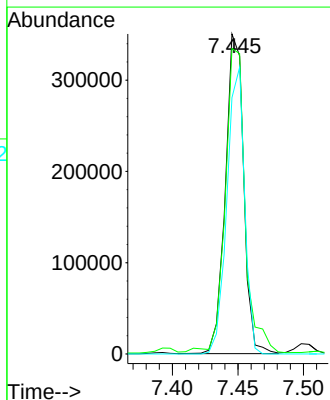
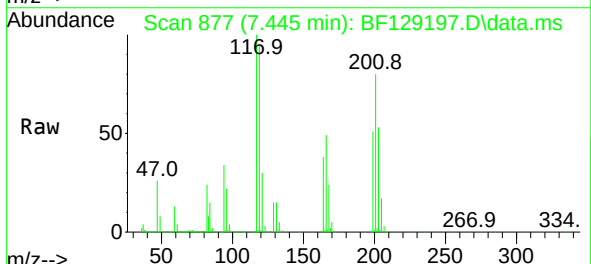
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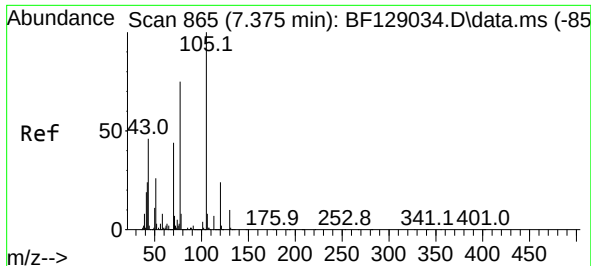
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#18
Hexachloroethane
Concen: 49.995 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

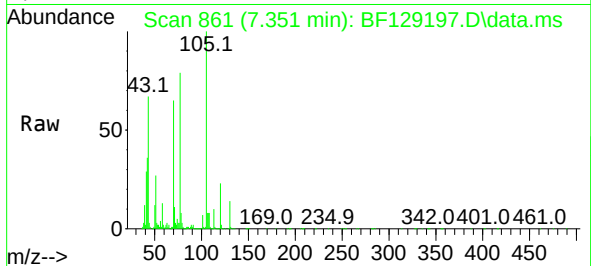
Tgt Ion:117 Resp: 339838
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
201 80.1 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 53.862 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

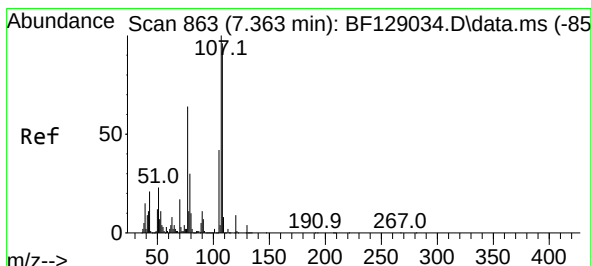
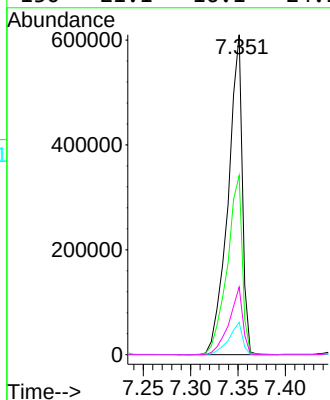
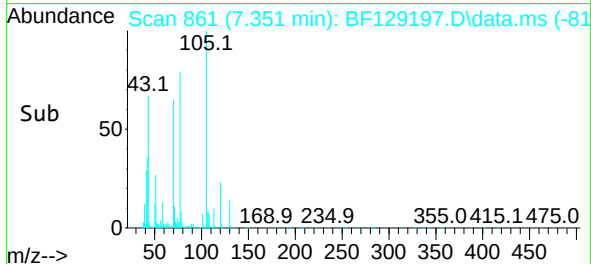
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



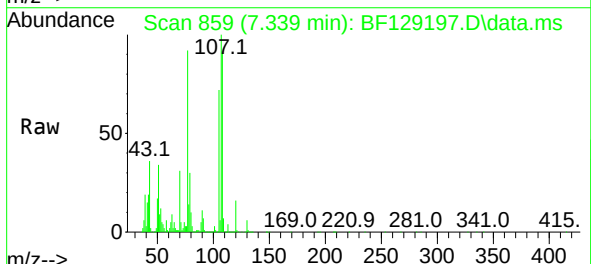
Tgt Ion: 70 Resp: 64226
Ion Ratio Lower Upper
70 100
42 56.0 52.3 78.5
101 10.1 7.5 11.3
130 21.1 16.1 24.1

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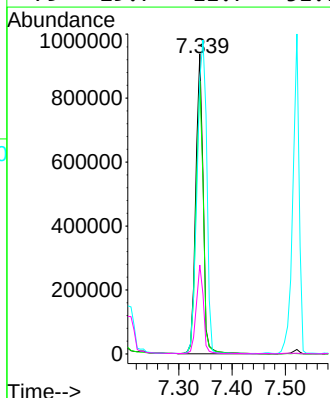
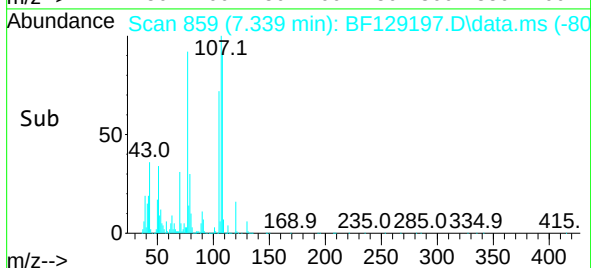
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

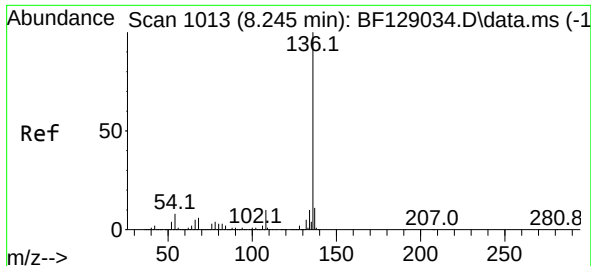


#20
3+4-Methylphenols
Concen: 50.016 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



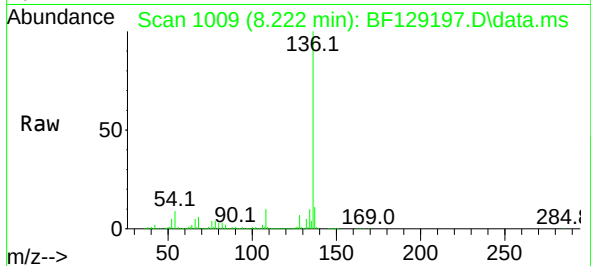
Tgt Ion:107 Resp: 902505
Ion Ratio Lower Upper
107 100
108 91.0 71.8 111.8
77 91.6 59.3 99.3
79 29.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD

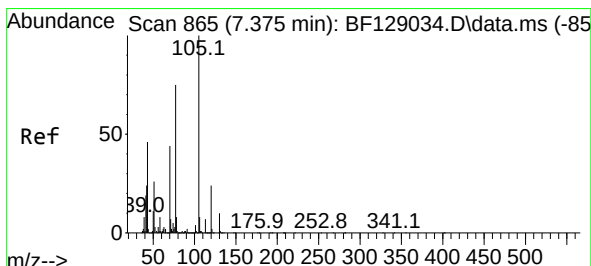
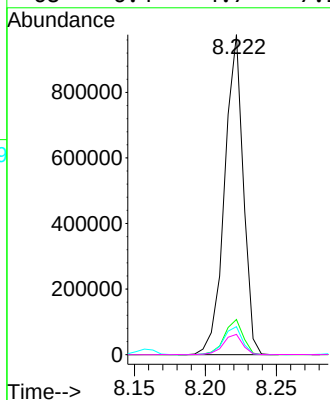
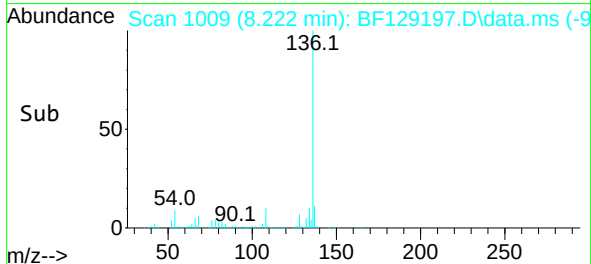


Tgt Ion:136 Resp: 890319

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.8	7.5	11.3
68	6.4	4.7	7.1

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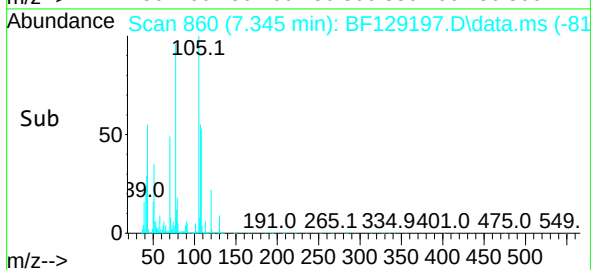
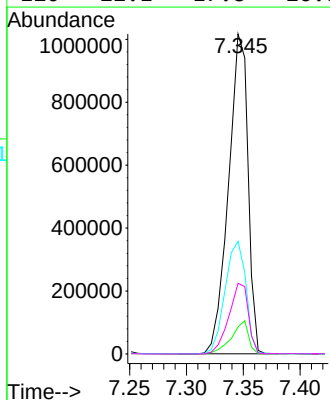
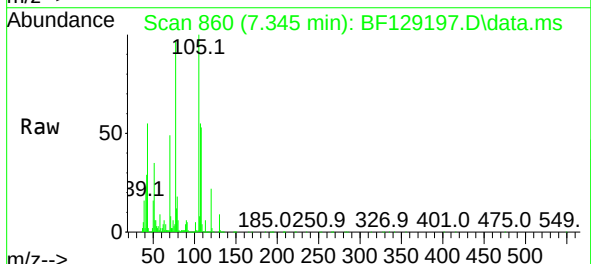
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

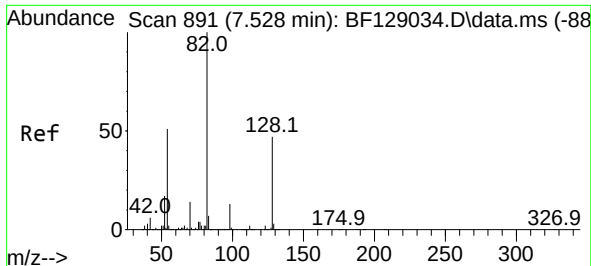


#22
Acetophenone
Concen: 59.333 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Tgt Ion:105 Resp: 1211807

Ion	Ratio	Lower	Upper
105	100		
71	8.4	5.0	7.4
51	35.2	25.0	37.4
120	22.1	17.8	26.8





#23

Nitrobenzene-d5

Concen: 75.448 ng

RT: 7.504 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD

Tgt Ion: 82 Resp: 112618

Ion Ratio Lower Upper

82 100

128 44.0 34.0 51.0

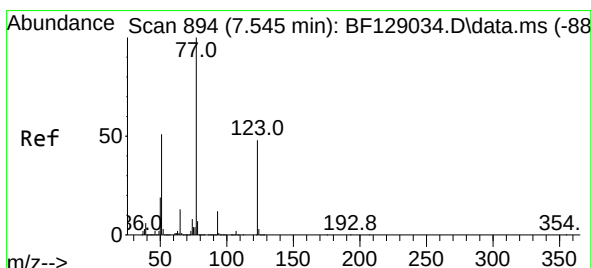
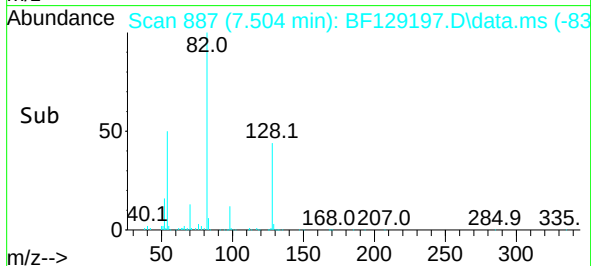
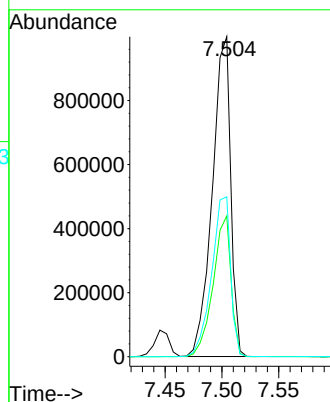
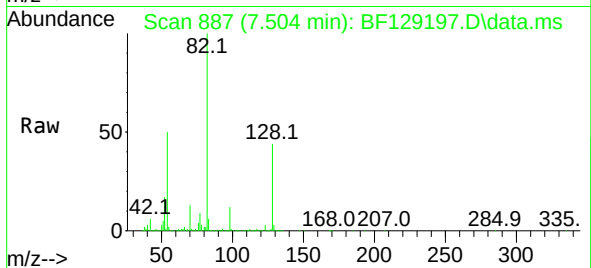
54 49.9 46.9 70.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#24

Nitrobenzene

Concen: 57.082 ng

RT: 7.522 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

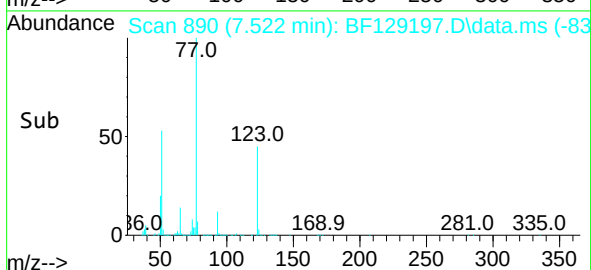
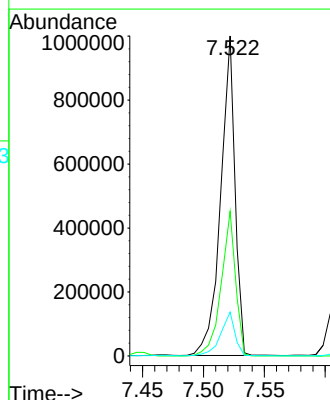
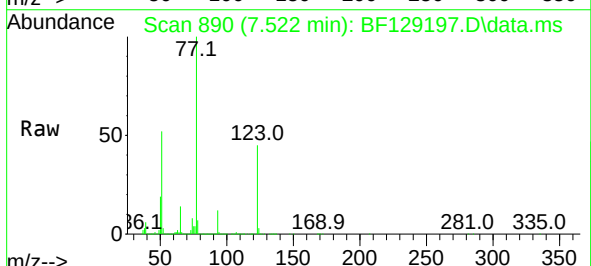
Tgt Ion: 77 Resp: 824409

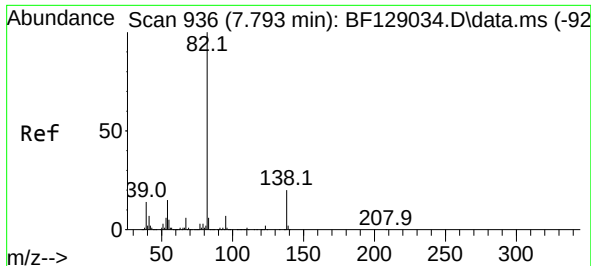
Ion Ratio Lower Upper

77 100

123 45.2 35.4 53.2

65 13.7 11.8 17.8





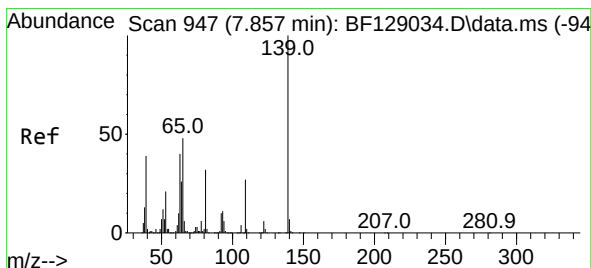
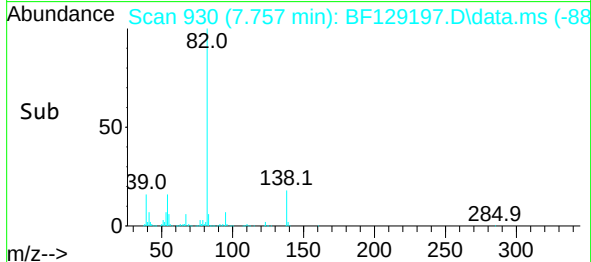
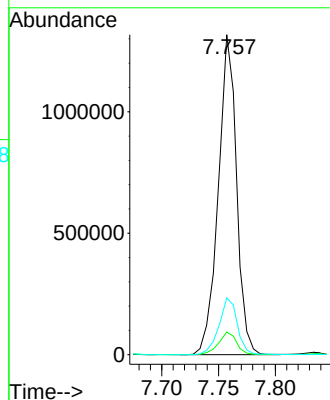
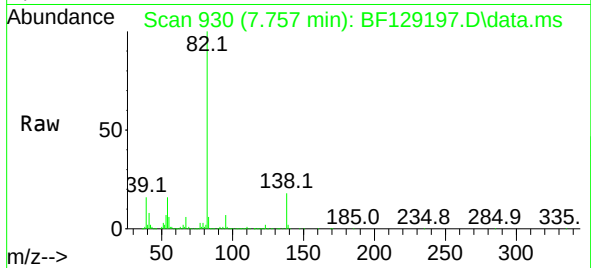
#25
Isophorone
Concen: 58.395 ng
RT: 7.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD

Tgt Ion: 82 Resp: 147310
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.7 14.2 21.2

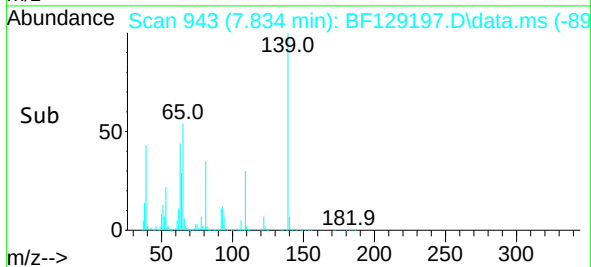
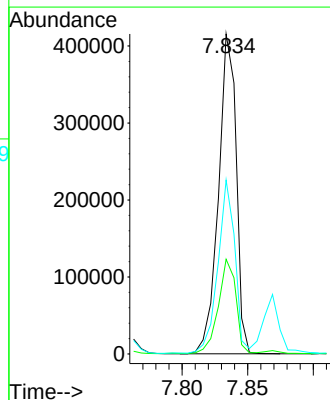
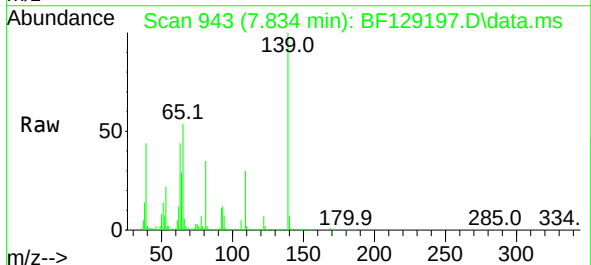
Manual Integrations
APPROVED

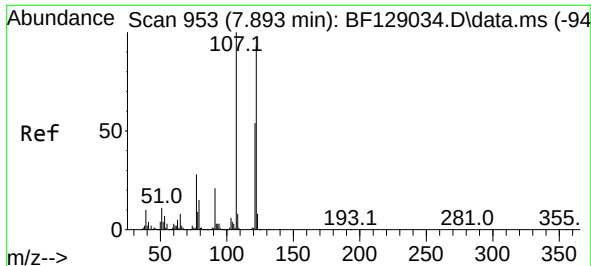
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#26
2-Nitrophenol
Concen: 58.130 ng
RT: 7.834 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Tgt Ion:139 Resp: 390179
Ion Ratio Lower Upper
139 100
109 29.6 25.0 37.4
65 54.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 56.854 ng

RT: 7.869 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF129197.D

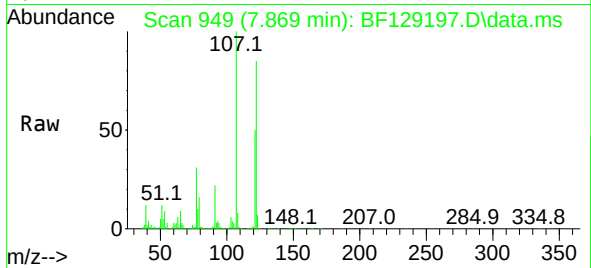
Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:122 Resp: 68896

Ion Ratio Lower Upper

122 100

107 117.0 93.0 139.6

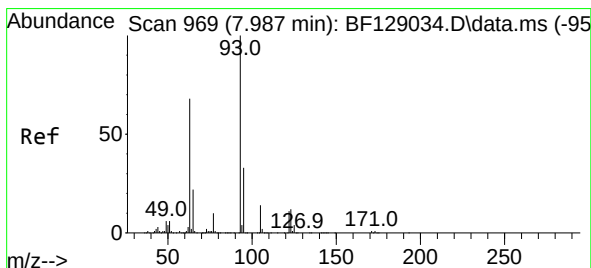
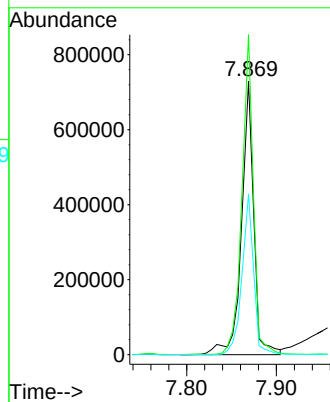
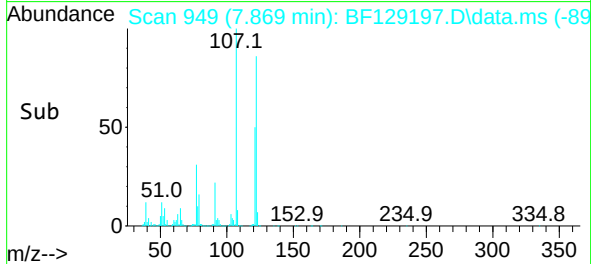
121 58.8 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.512 ng

RT: 7.963 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

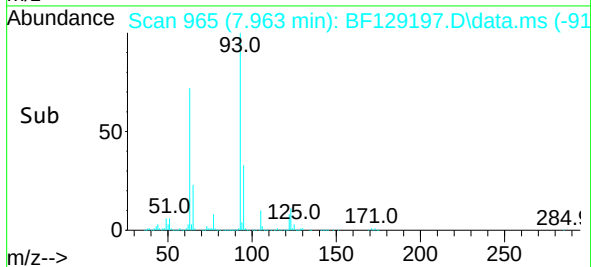
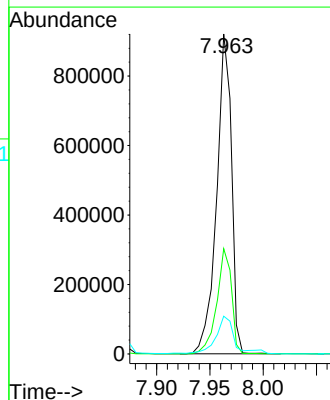
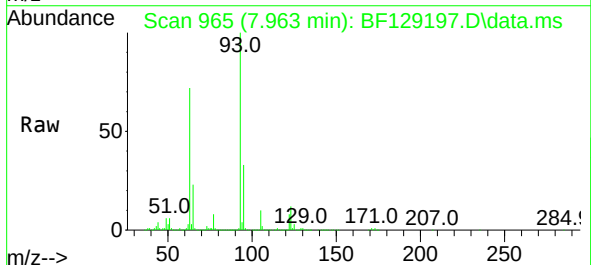
Tgt Ion: 93 Resp: 892442

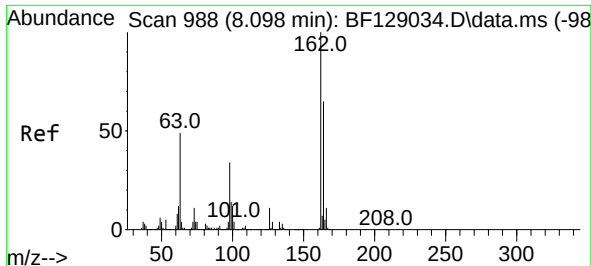
Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.532 ng

RT: 8.075 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF129197.D

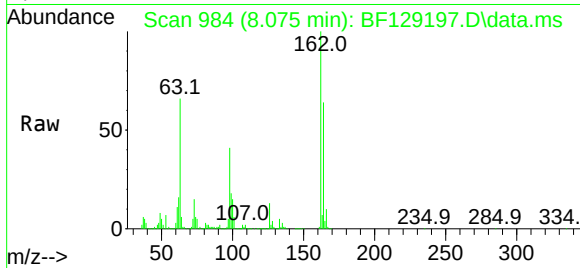
Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



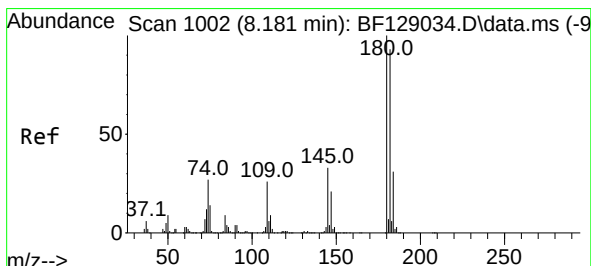
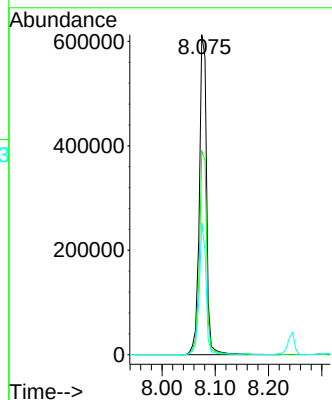
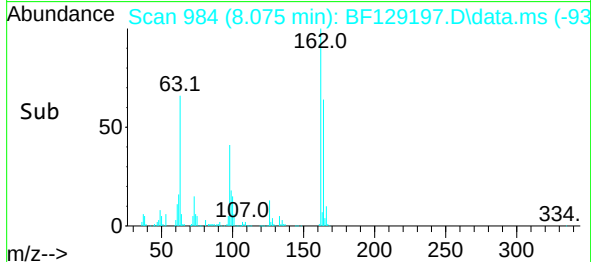
Tgt Ion:	162	Resp:	575130
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.2	84.2
98	41.2	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.488 ng

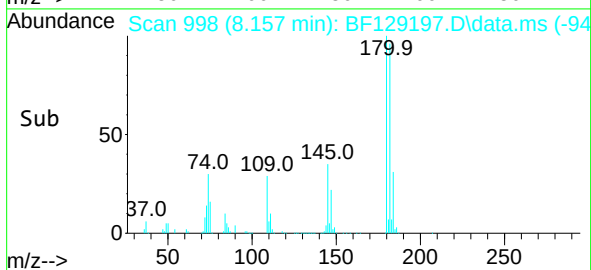
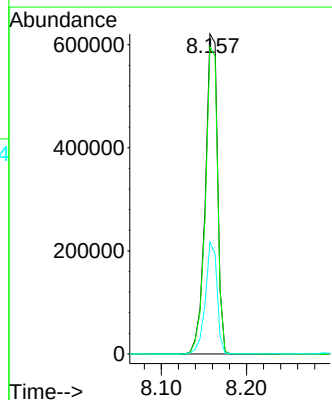
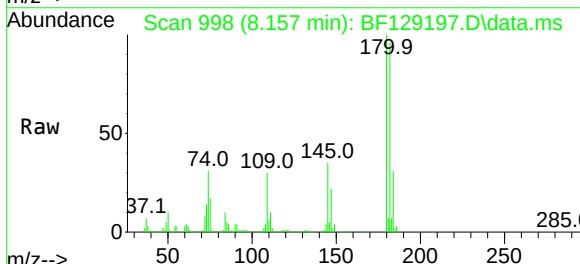
RT: 8.157 min Scan# 998

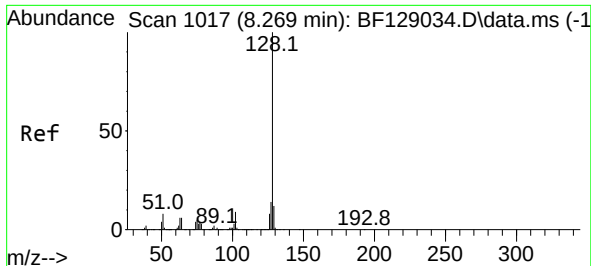
Delta R.T. -0.006 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

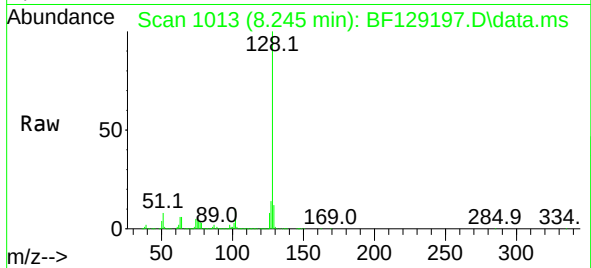
Tgt Ion:	180	Resp:	618697
Ion Ratio	Lower	Upper	
180	100		
182	96.0	79.2	118.8
145	35.0	26.2	39.2





#31
Naphthalene
Concen: 57.628 ng
RT: 8.245 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

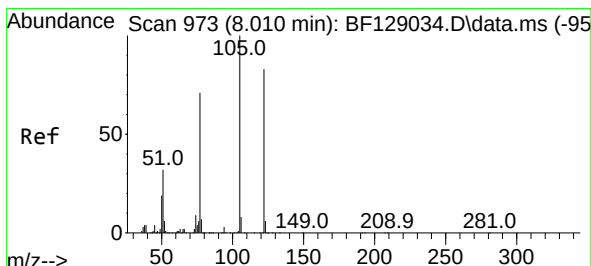
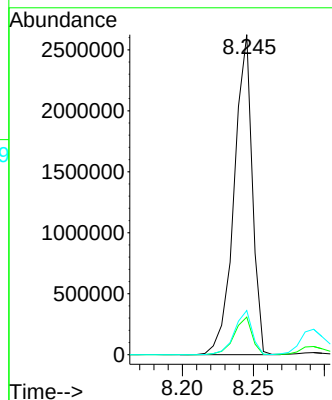
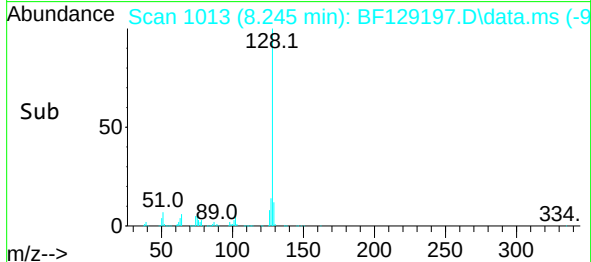
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:128 Resp: 2329225
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.8 10.5 15.7

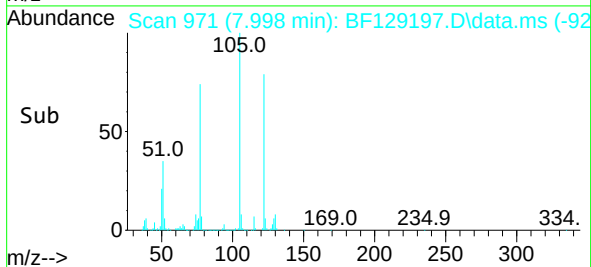
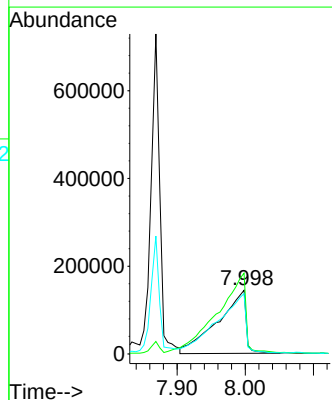
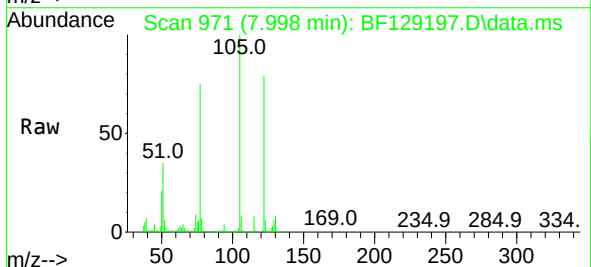
Manual Integrations
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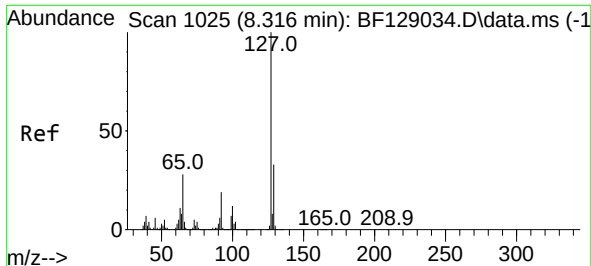
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#32
Benzoic acid
Concen: 42.276 ng
RT: 7.998 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

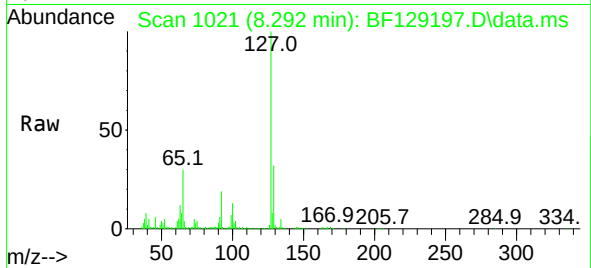
Tgt Ion:122 Resp: 411030
Ion Ratio Lower Upper
122 100
105 126.8 107.1 147.1
77 94.8 74.2 114.2





#33
4-Chloroaniline
Concen: 17.425 ng
RT: 8.292 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

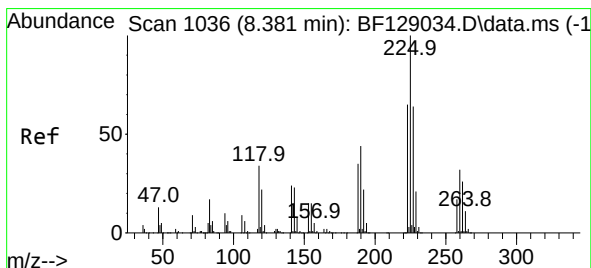
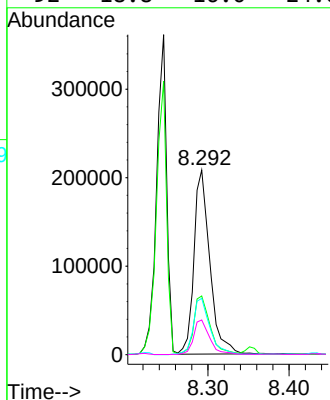
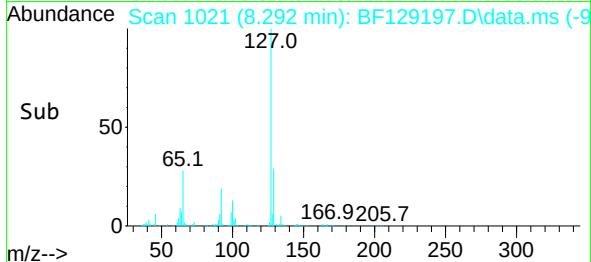
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



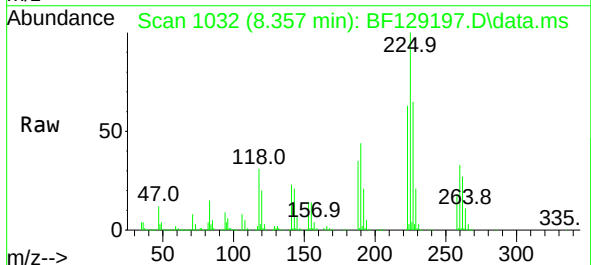
Tgt Ion:127 Resp: 28379
Ion Ratio Lower Upper
127 100
129 31.8 26.4 39.6
65 30.5 26.4 39.6
92 18.8 16.0 24.0

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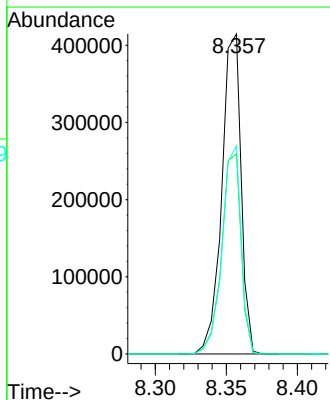
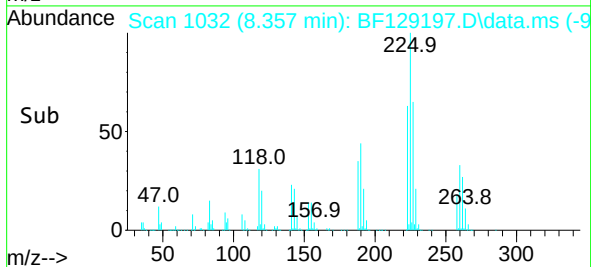
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

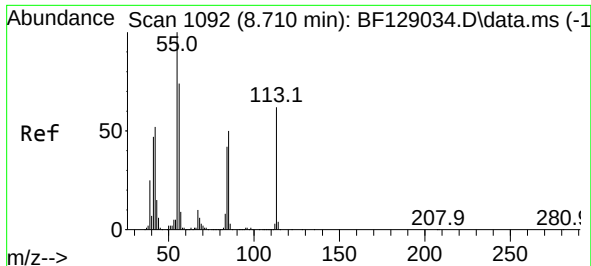


#34
Hexachlorobutadiene
Concen: 48.243 ng
RT: 8.357 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



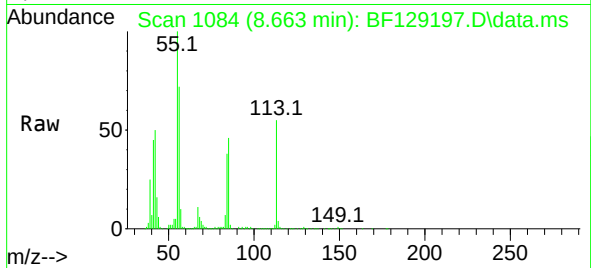
Tgt Ion:225 Resp: 391807
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 65.0 51.1 76.7





#35
 Caprolactam
 Concen: 48.483 ng m
 RT: 8.663 min Scan# 1102
 Delta R.T. -0.012 min
 Lab File: BF129197.D
 Acq: 12 Jul 2022 19:23

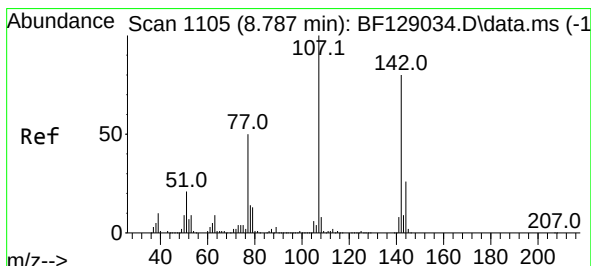
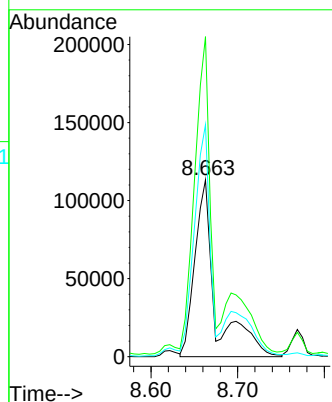
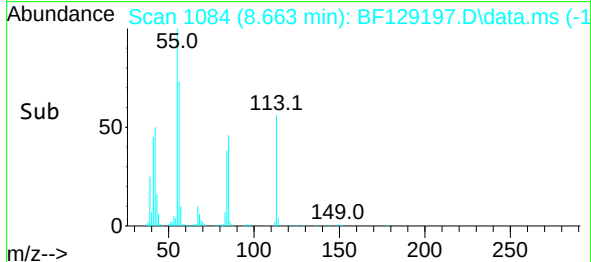
Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP1-0708MSD



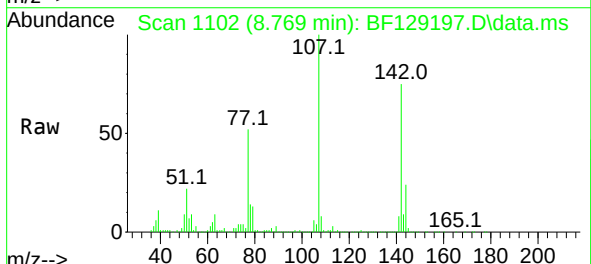
Tgt Ion:113 Resp: 190024
 Ion Ratio Lower Upper
 113 100
 55 180.9 188.5 228.5
 56 131.2 130.6 170.6

Manual Integrations
 APPROVED

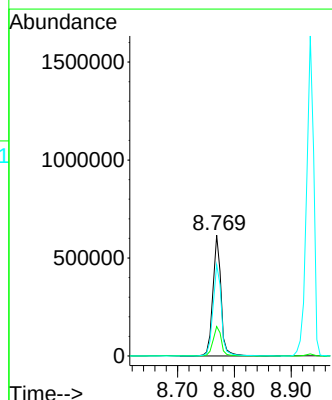
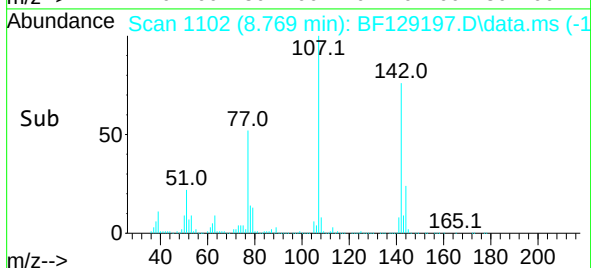
Reviewed By :Christian Giraldo 07/13/2022
 Supervised By :Jagrut Upadhyay 07/13/2022

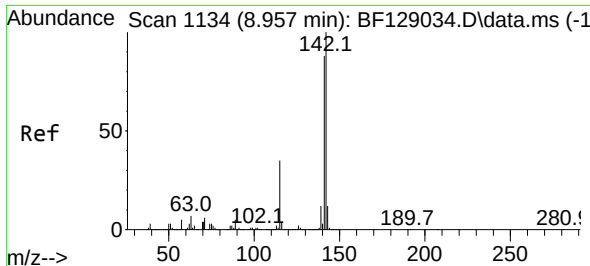


#36
 4-Chloro-3-methylphenol
 Concen: 48.378 ng
 RT: 8.769 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF129197.D
 Acq: 12 Jul 2022 19:23



Tgt Ion:107 Resp: 607539
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.5 29.3
 142 75.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 52.561 ng

RT: 8.934 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF129197.D

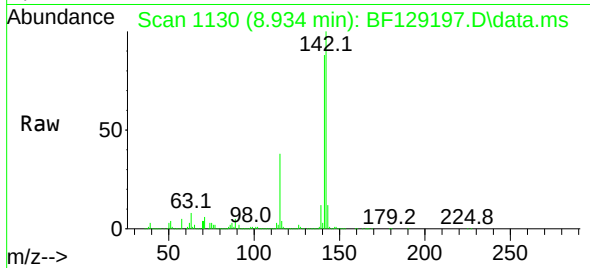
Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:142 Resp: 1429498

Ion Ratio Lower Upper

142 100

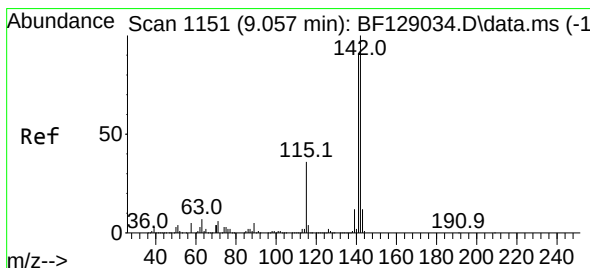
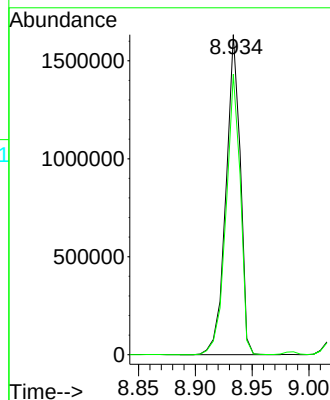
141 87.6 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#38

1-Methylnaphthalene

Concen: 49.098 ng

RT: 9.033 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF129197.D

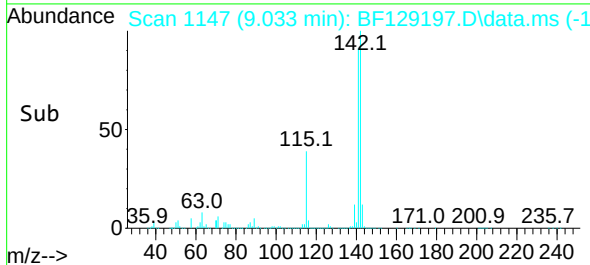
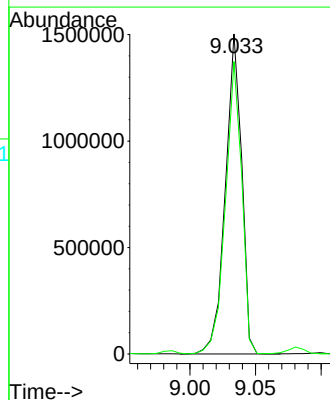
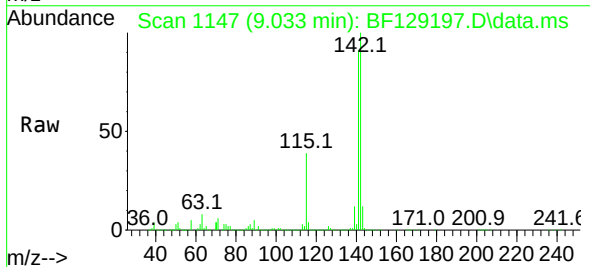
Acq: 12 Jul 2022 19:23

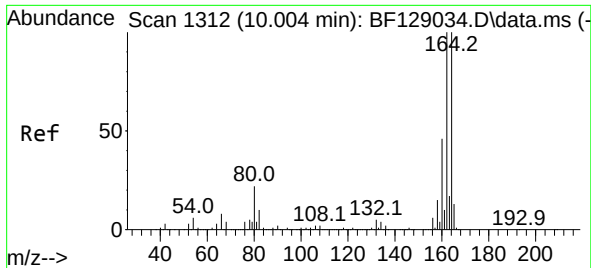
Tgt Ion:142 Resp: 1296766

Ion Ratio Lower Upper

142 100

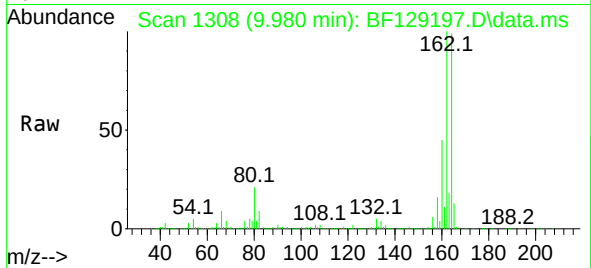
141 91.4 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

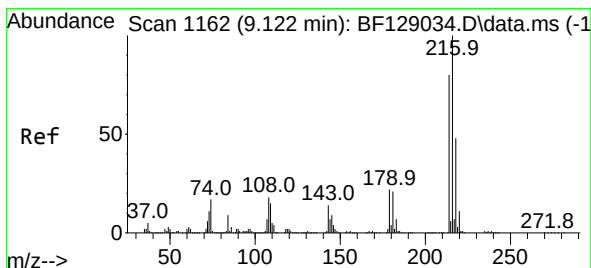
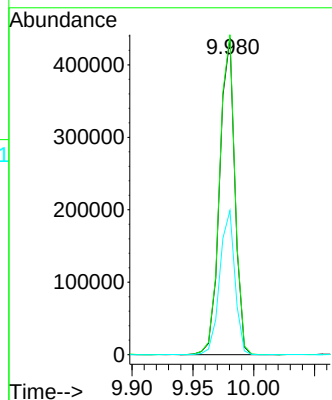
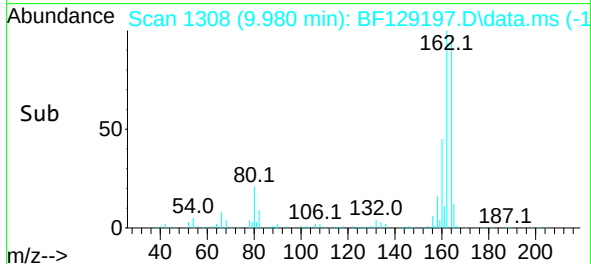
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



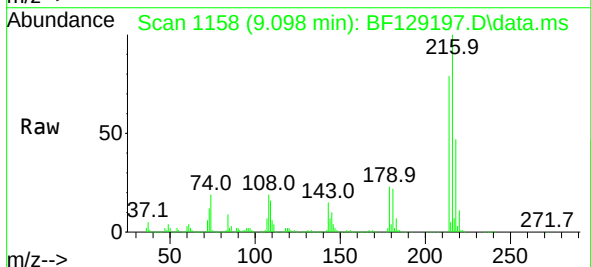
Tgt Ion:164 Resp: 380854
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.5 34.2 51.4

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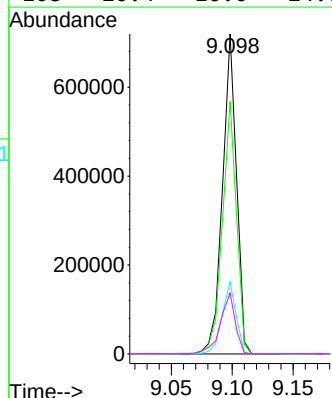
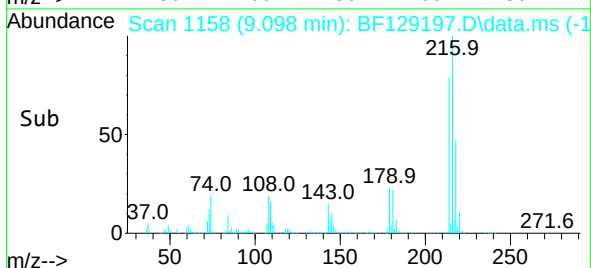
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

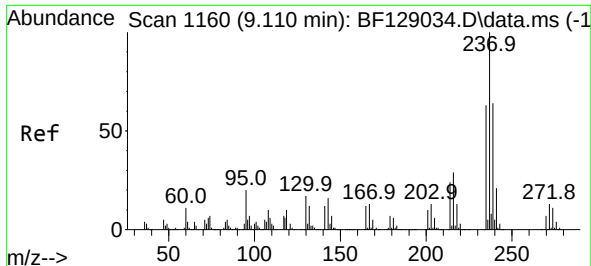


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.971 ng
RT: 9.098 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



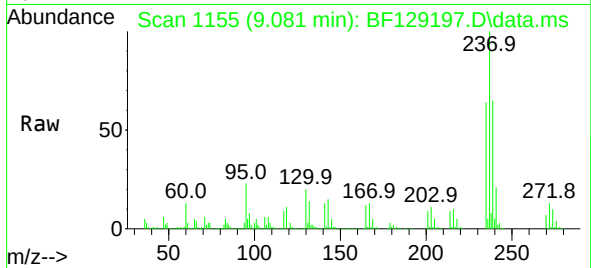
Tgt Ion:216 Resp: 577765
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 22.4 17.0 25.6
108 20.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 38.574 ng
RT: 9.081 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

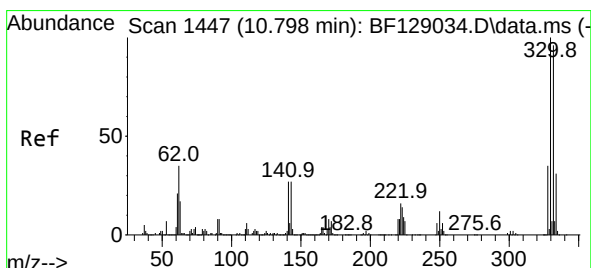
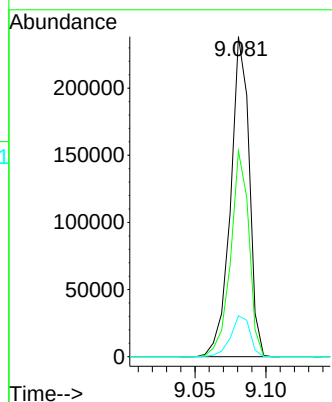
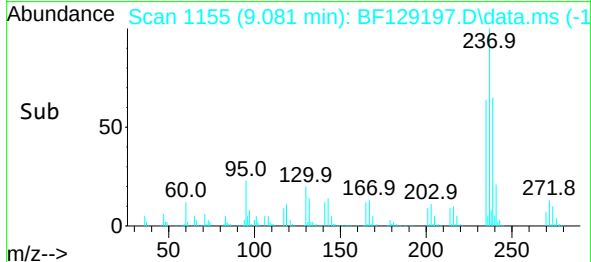
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



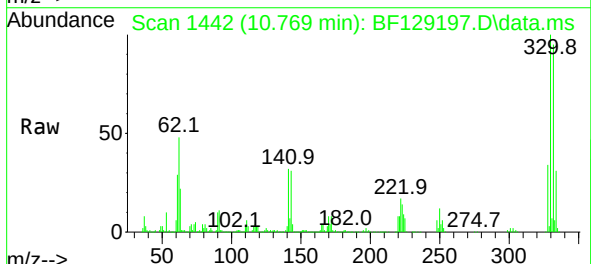
Tgt Ion:237 Resp: 21797
Ion Ratio Lower Upper
237 100
235 64.3 43.2 83.2
272 12.8 0.0 31.9

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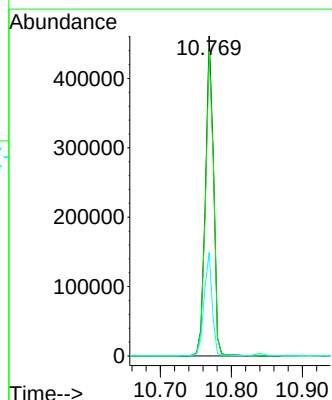
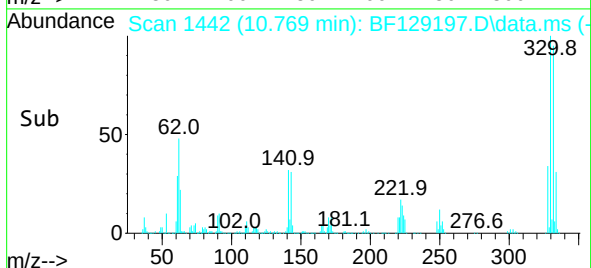
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

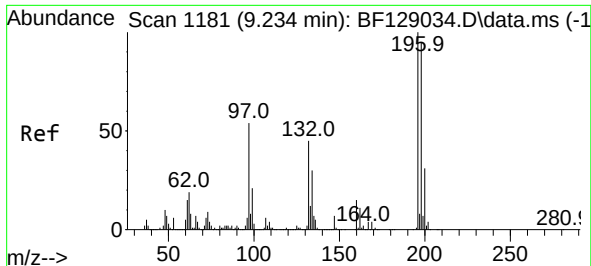


#42
2,4,6-Tribromophenol
Concen: 88.422 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



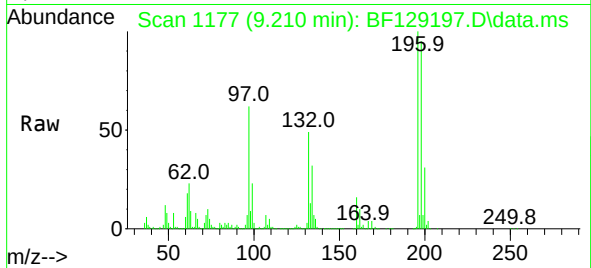
Tgt Ion:330 Resp: 366177
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 31.9 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 50.699 ng
RT: 9.210 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

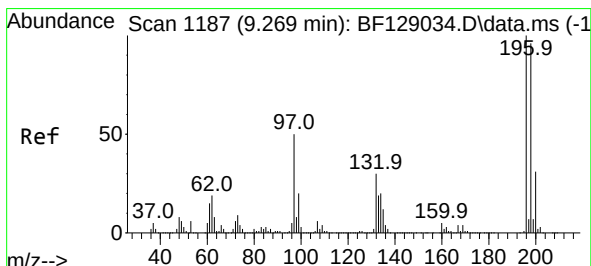
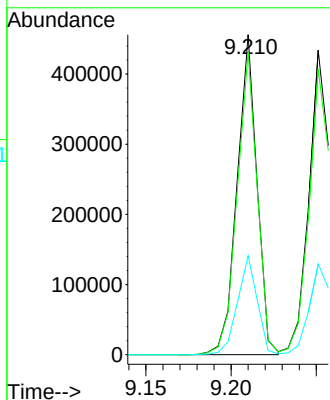
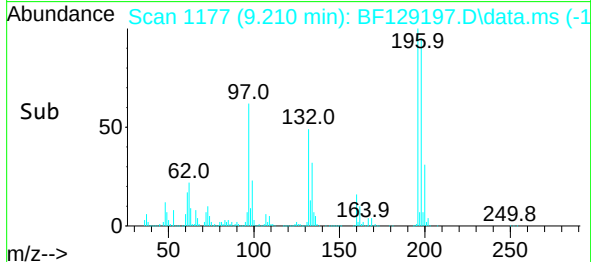
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



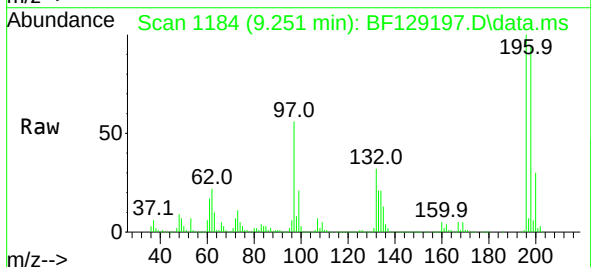
Tgt Ion:196 Resp: 36968
Ion Ratio Lower Upper
196 100
198 94.5 74.0 111.0
200 31.0 24.1 36.1

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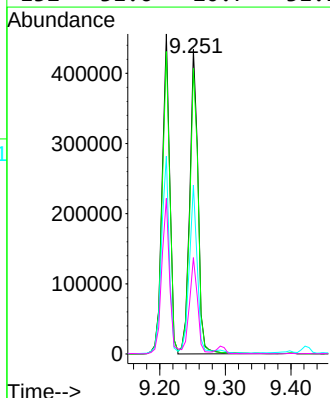
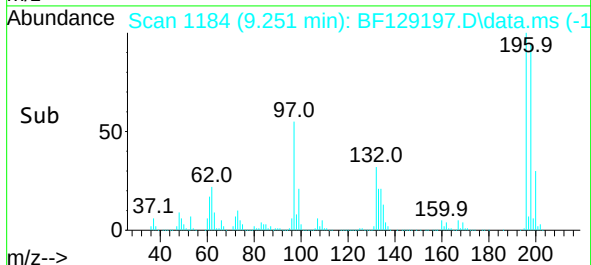
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

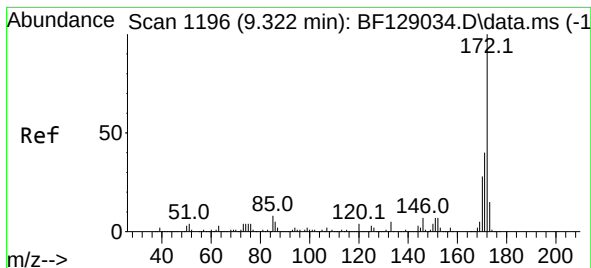


#44
2,4,5-Trichlorophenol
Concen: 49.474 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



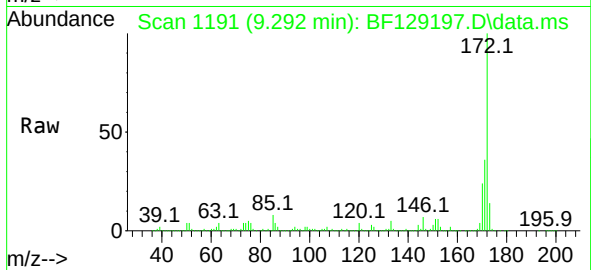
Tgt Ion:196 Resp: 383723
Ion Ratio Lower Upper
196 100
198 93.8 75.7 113.5
97 55.5 36.4 54.6#
132 31.6 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 74.900 ng
RT: 9.292 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

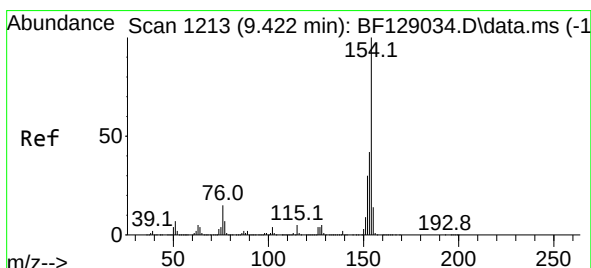
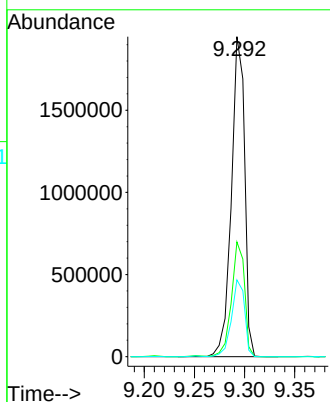
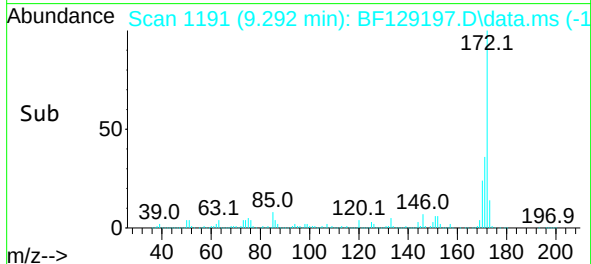
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



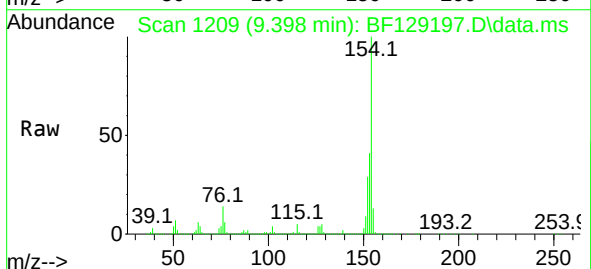
Tgt Ion:172 Resp: 1783109
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.0 19.8 29.8

Manual Integrations
APPROVED

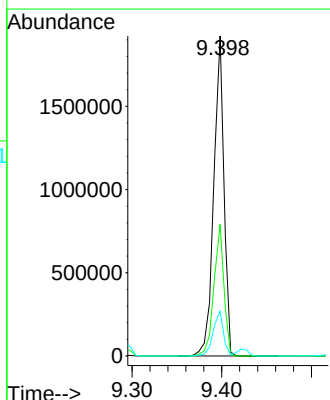
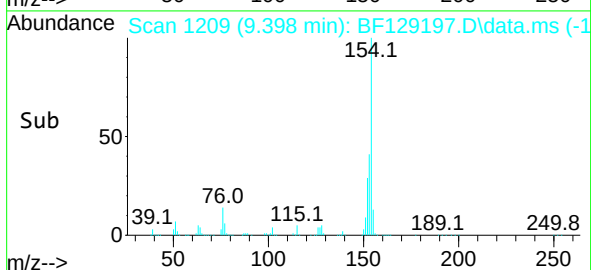
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

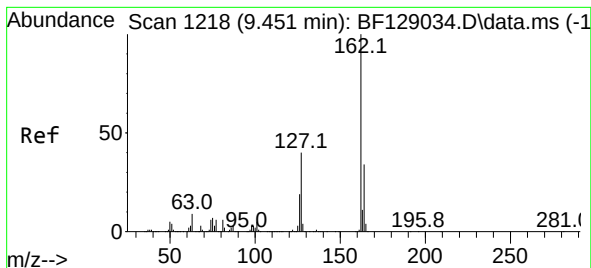


#46
1,1'-Biphenyl
Concen: 55.521 ng
RT: 9.398 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



Tgt Ion:154 Resp: 1520191
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 14.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 52.347 ng

RT: 9.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129197.D

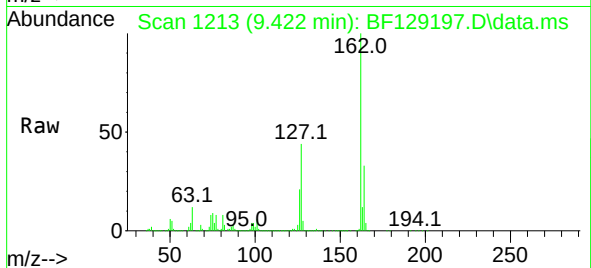
Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:162 Resp: 1106834

Ion Ratio Lower Upper

162 100

127 44.5 34.5 51.7

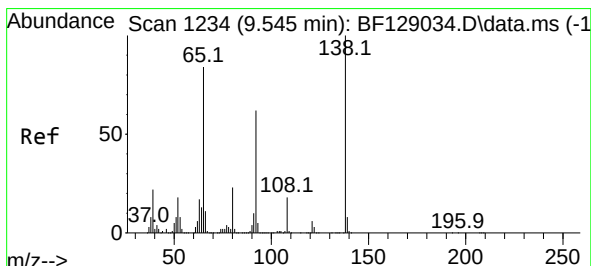
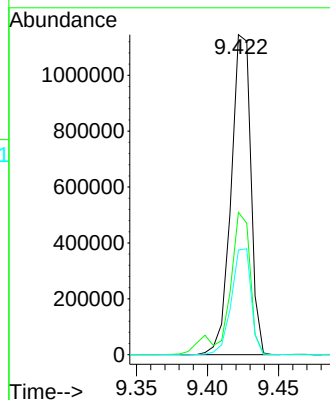
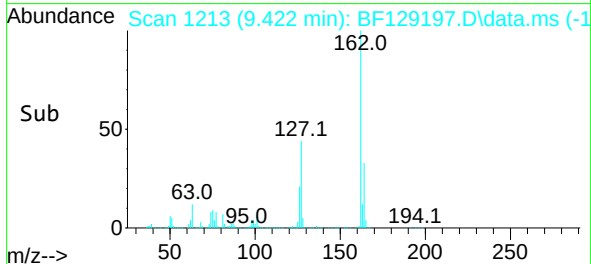
164 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#48

2-Nitroaniline

Concen: 64.896 ng

RT: 9.522 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

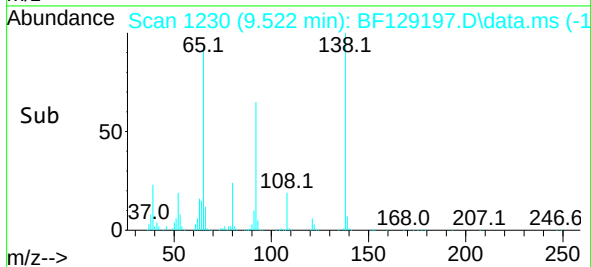
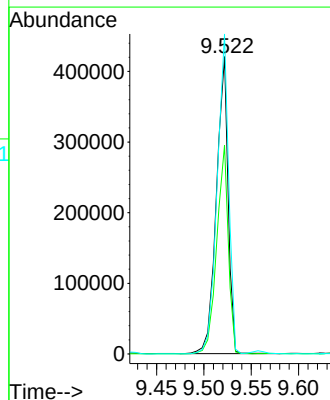
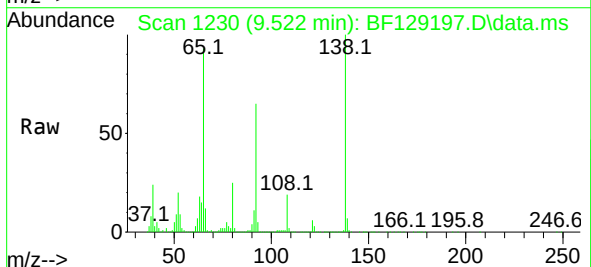
Tgt Ion: 65 Resp: 361409

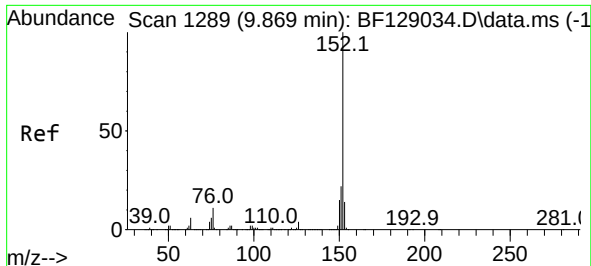
Ion Ratio Lower Upper

65 100

92 70.2 51.9 77.9

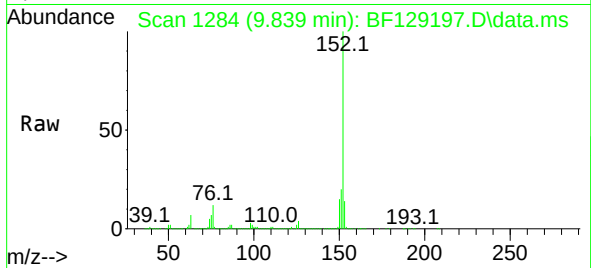
138 107.7 76.4 114.6





#49
Acenaphthylene
Concen: 52.790 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

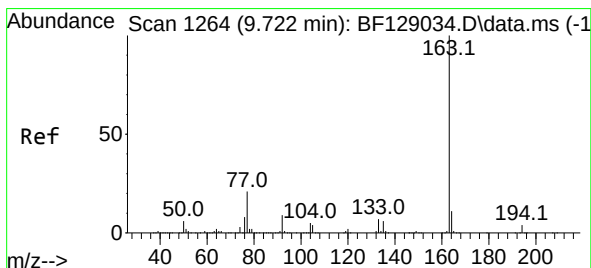
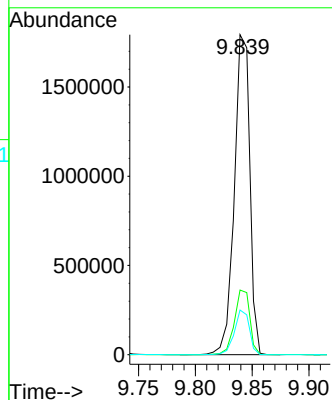
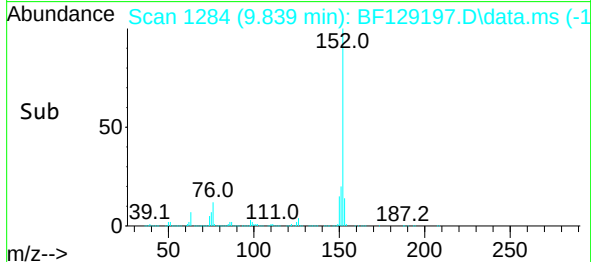
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



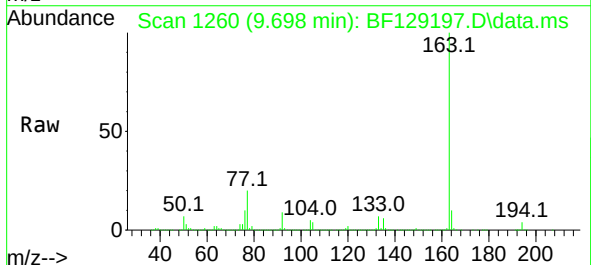
Tgt Ion:152 Resp: 1696060
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.0 10.7 16.1

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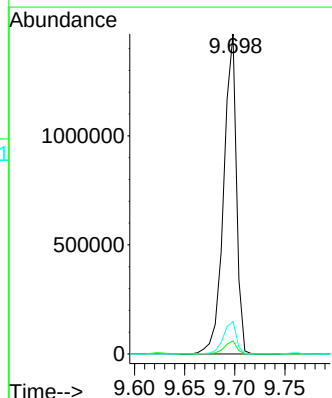
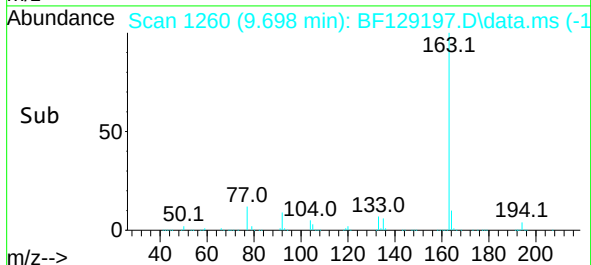
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

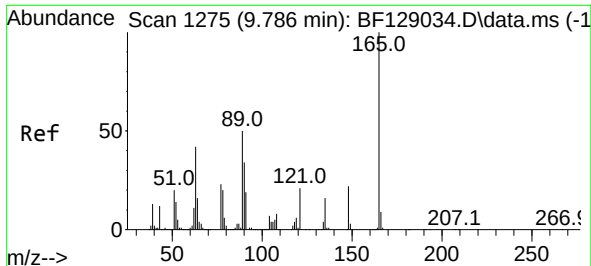


#50
Dimethylphthalate
Concen: 54.361 ng
RT: 9.698 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



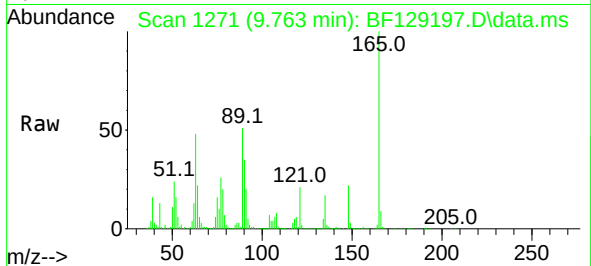
Tgt Ion:163 Resp: 1295234
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 56.809 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

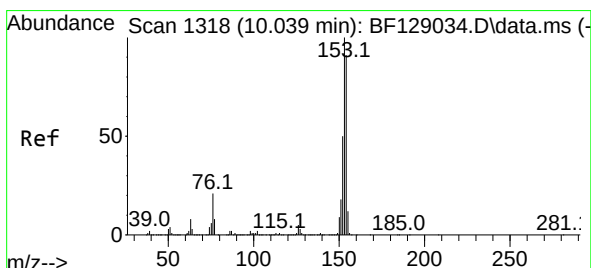
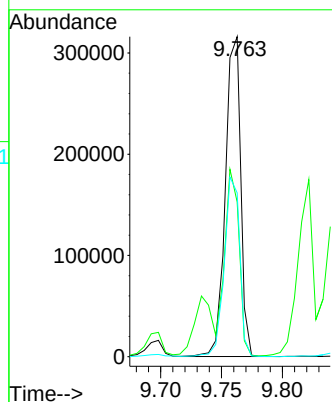
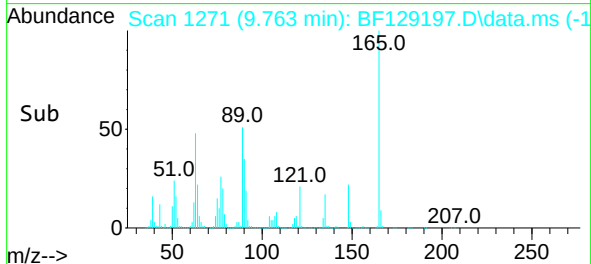
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:165 Resp: 276590
Ion Ratio Lower Upper
165 100
63 48.3 44.9 67.3
89 51.2 43.6 65.4

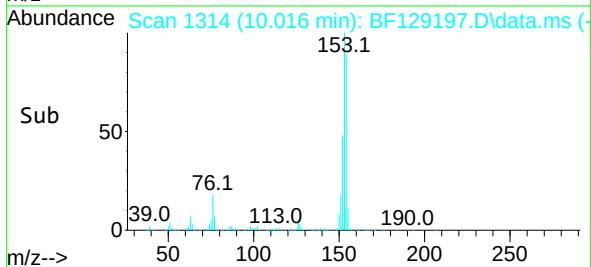
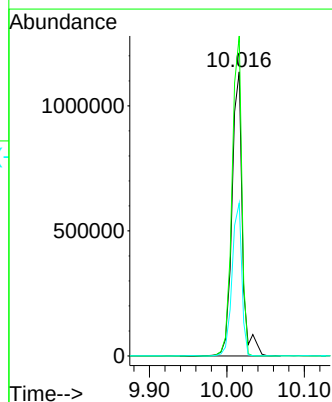
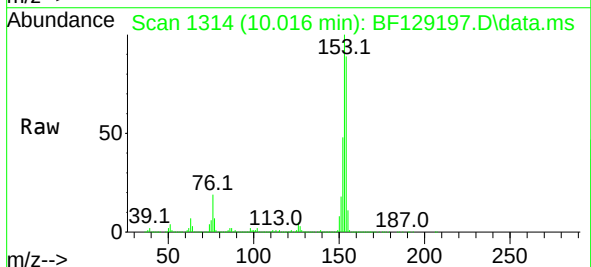
Manual Integrations
APPROVED

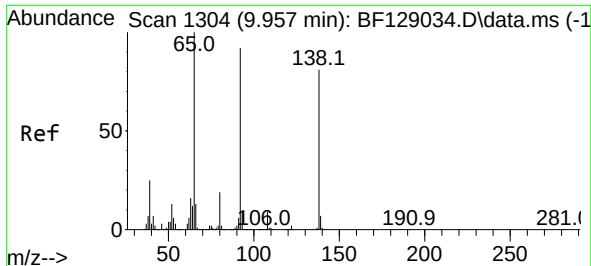
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#52
Acenaphthene
Concen: 50.581 ng
RT: 10.016 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

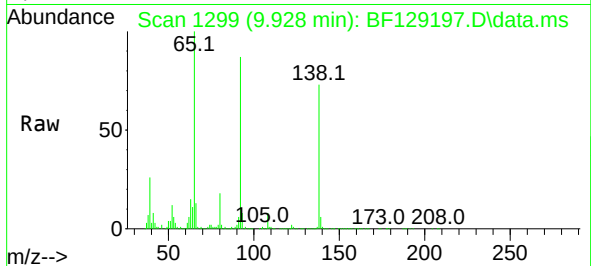
Tgt Ion:154 Resp: 1058541
Ion Ratio Lower Upper
154 100
153 112.6 89.6 134.4
152 53.8 42.4 63.6





#53
3-Nitroaniline
Concen: 35.516 ng
RT: 9.928 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

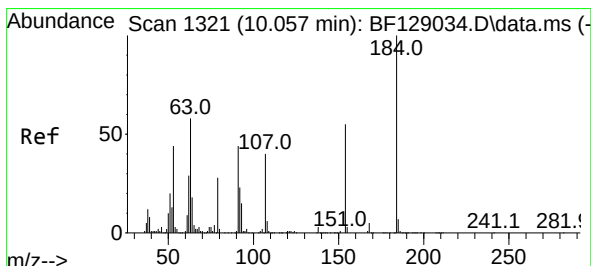
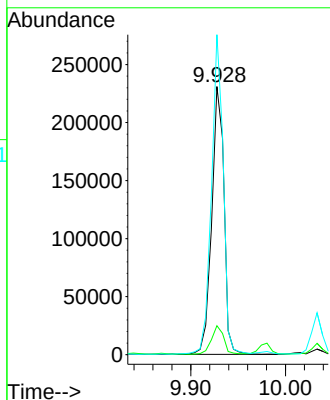
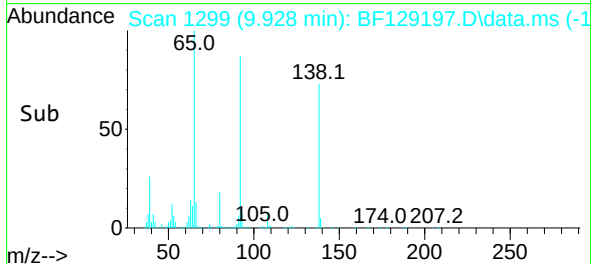
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:138 Resp: 206208
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3
92 119.3 98.2 147.2

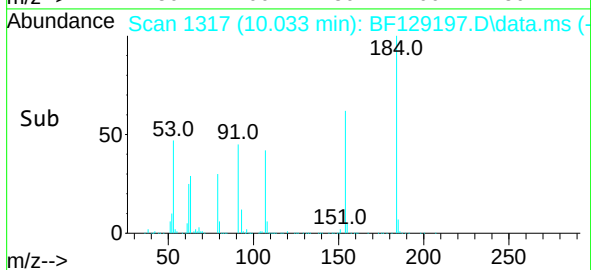
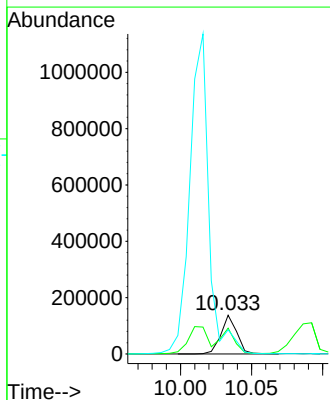
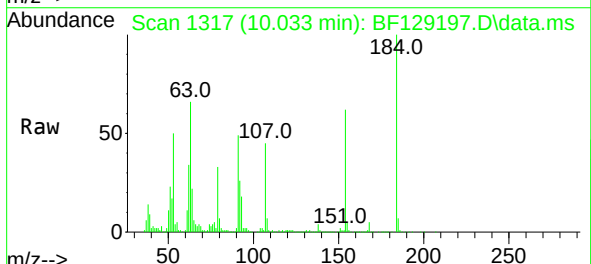
Manual Integrations
APPROVED

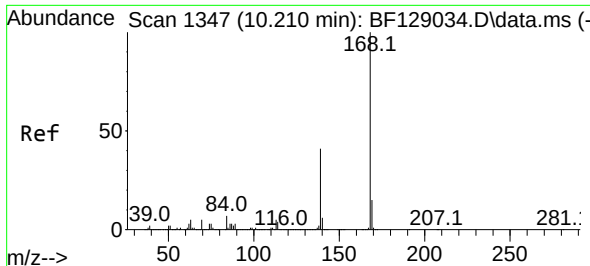
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#54
2,4-Dinitrophenol
Concen: 44.238 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

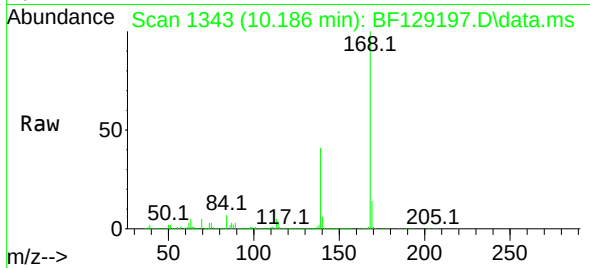
Tgt Ion:184 Resp: 107634
Ion Ratio Lower Upper
184 100
63 66.2 64.5 96.7
154 62.2 50.6 75.8





#55
Dibenzenofuran
Concen: 48.168 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

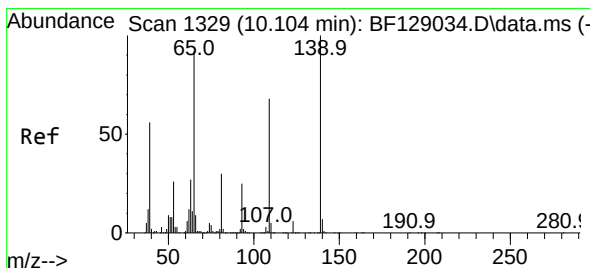
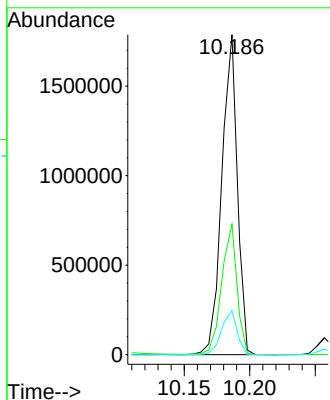
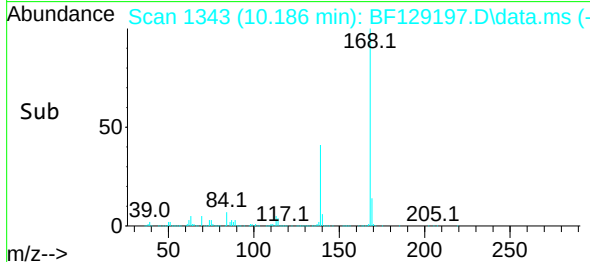
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



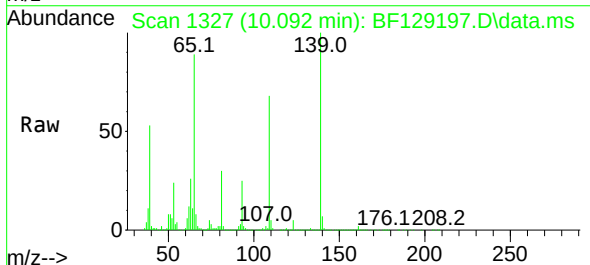
Tgt Ion:168 Resp: 146784
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 13.7 11.0 16.6

Manual Integrations
APPROVED

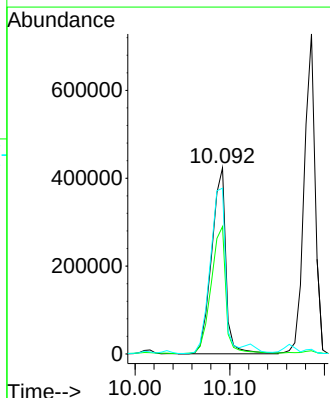
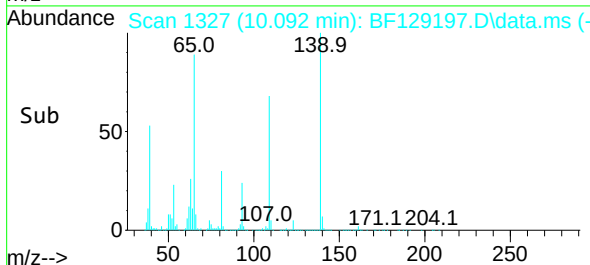
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

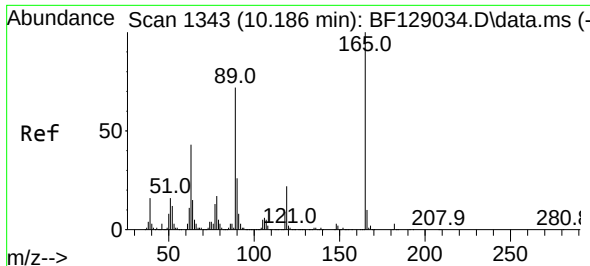


#56
4-Nitrophenol
Concen: 93.296 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



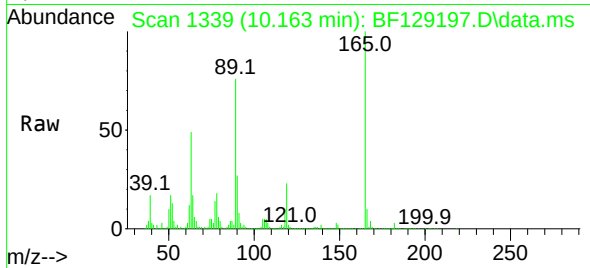
Tgt Ion:139 Resp: 442584
Ion Ratio Lower Upper
139 100
109 68.4 50.7 90.7
65 89.1 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 55.560 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

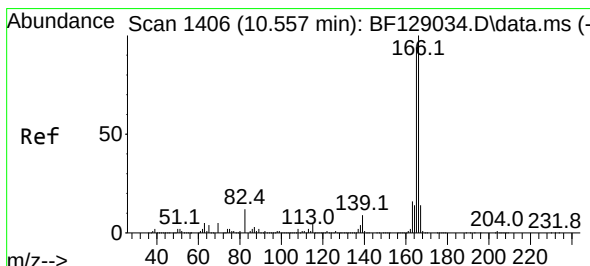
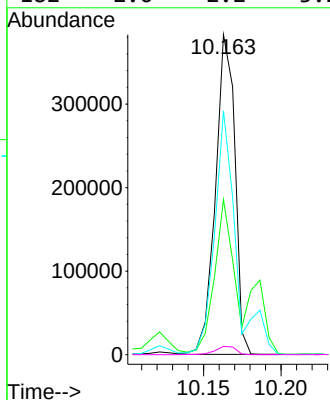
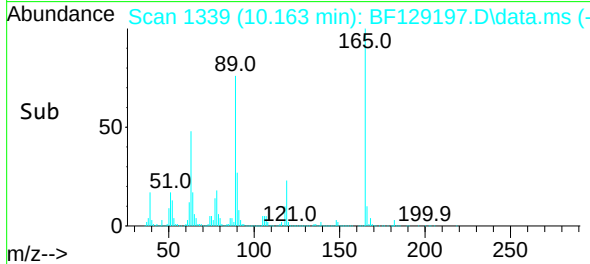
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:165 Resp: 33394
Ion Ratio Lower Upper
165 100
63 48.5 39.8 59.6
89 76.2 60.2 90.2
182 2.6 2.2 3.2

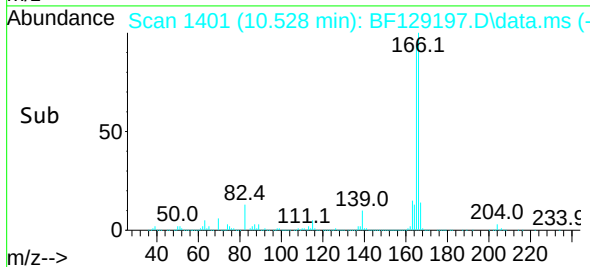
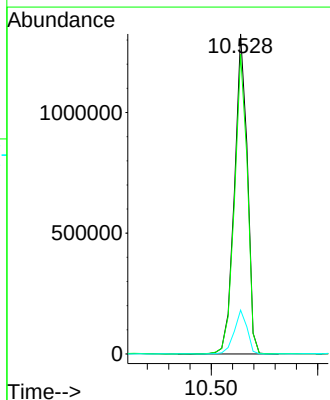
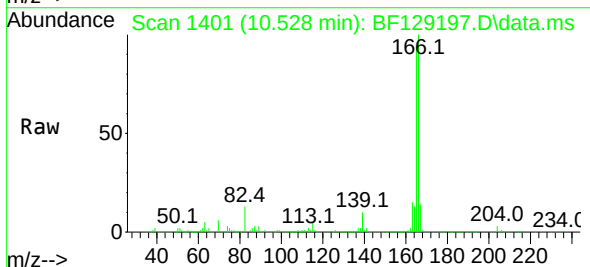
Manual Integrations
APPROVED

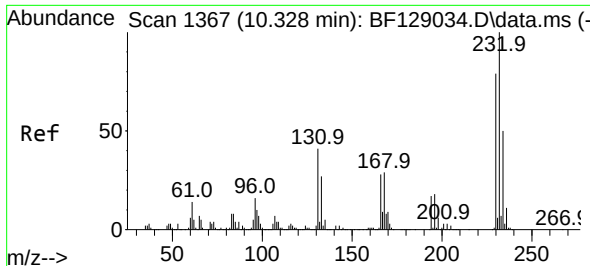
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#58
Fluorene
Concen: 47.131 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

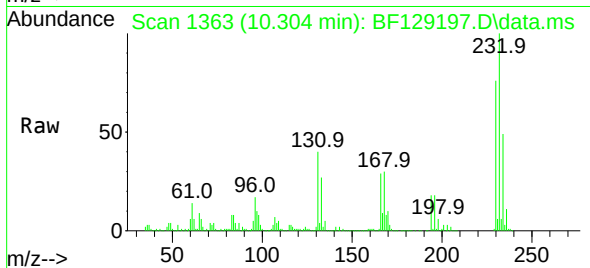
Tgt Ion:166 Resp: 1110965
Ion Ratio Lower Upper
166 100
165 93.6 78.1 117.1
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.948 ng
RT: 10.304 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

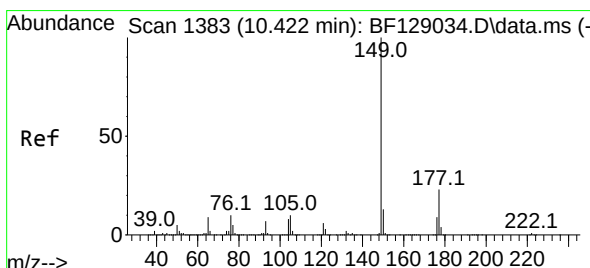
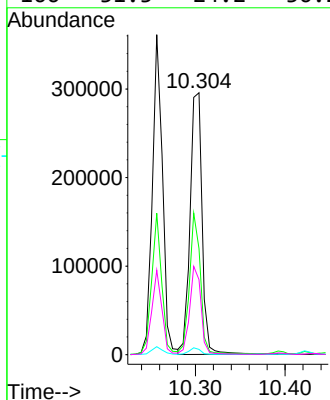
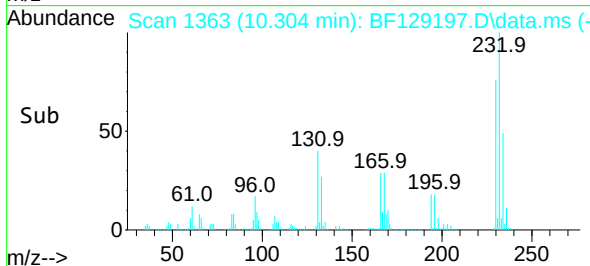
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:232 Resp: 275970
Ion Ratio Lower Upper
232 100
131 48.0 36.1 54.1
130 2.4 1.8 2.8
166 31.3 24.2 36.2

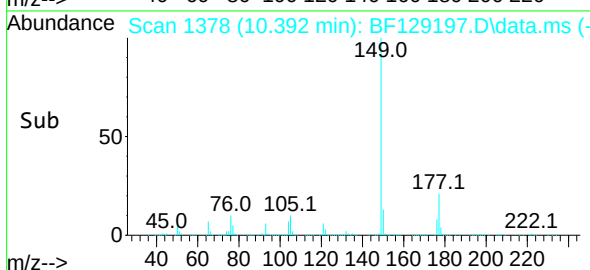
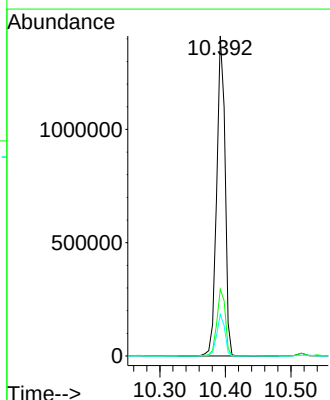
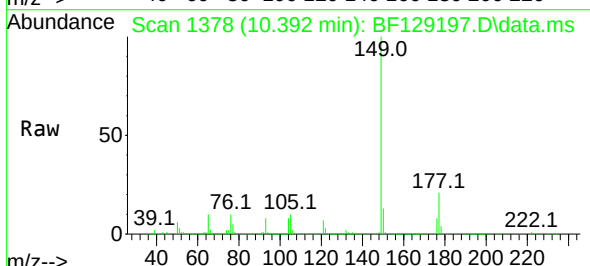
Manual Integrations
APPROVED

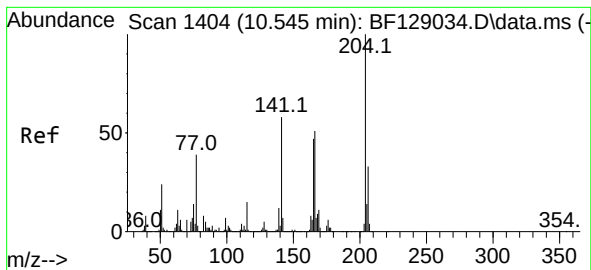
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#60
Diethylphthalate
Concen: 52.130 ng
RT: 10.392 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

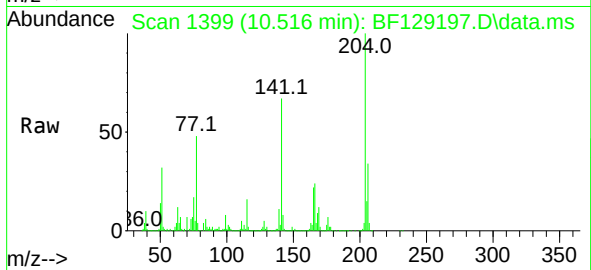
Tgt Ion:149 Resp: 1244586
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.482 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

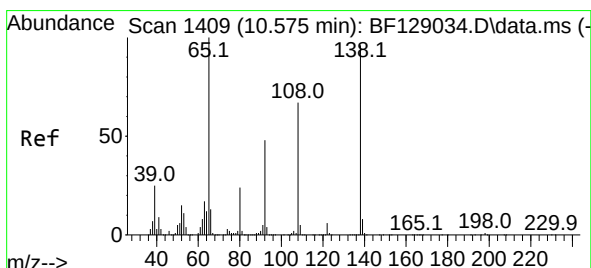
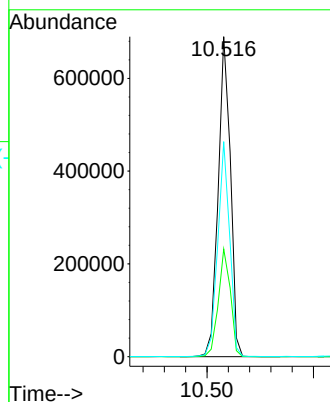
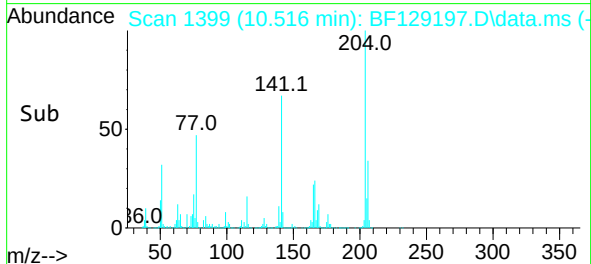
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



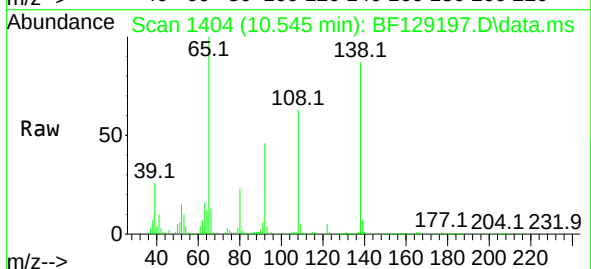
Tgt Ion:204 Resp: 545908
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 67.2 47.0 70.4

Manual Integrations
APPROVED

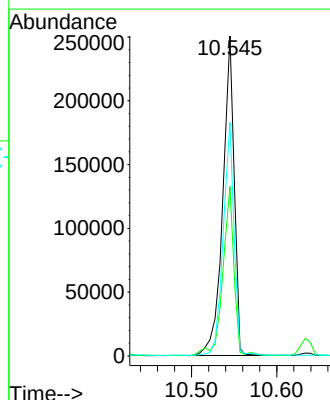
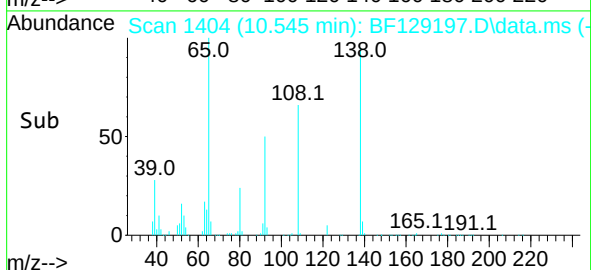
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

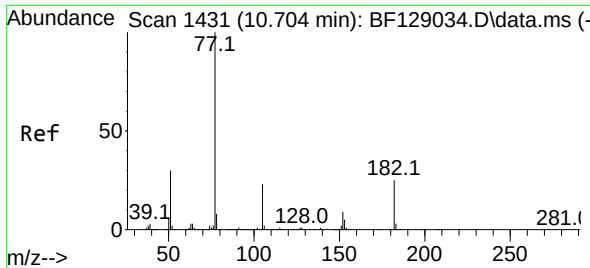


#62
4-Nitroaniline
Concen: 40.656 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



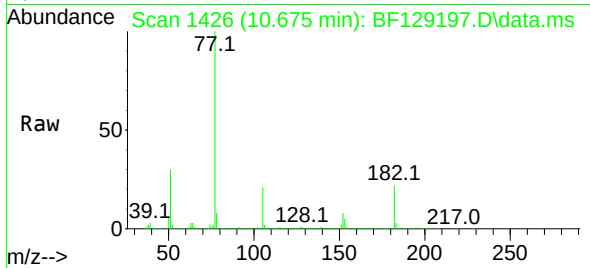
Tgt Ion:138 Resp: 234072
Ion Ratio Lower Upper
138 100
92 52.9 33.5 73.5
108 73.0 61.0 101.0





#63
Azobenzene
Concen: 48.624 ng
RT: 10.675 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

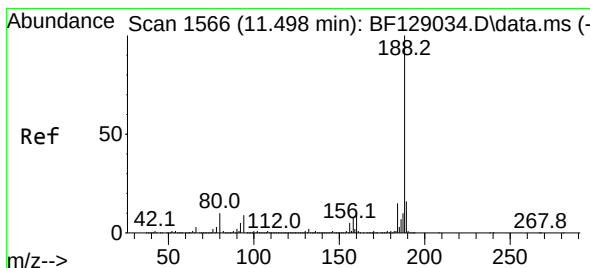
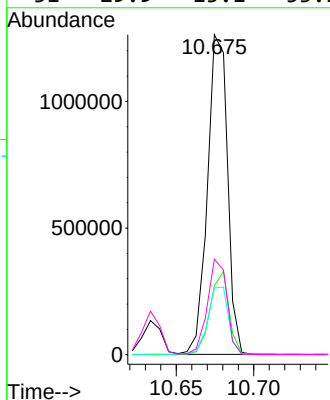
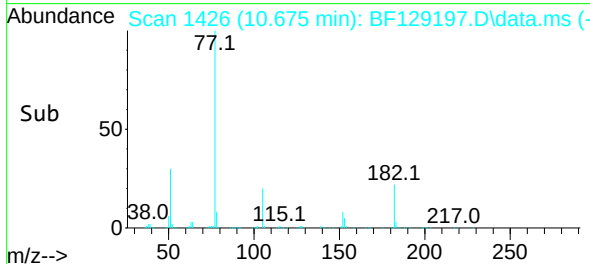
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion: 77 Resp: 1137360
Ion Ratio Lower Upper
77 100
182 21.6 5.6 45.6
105 20.9 1.6 41.6
51 29.9 15.1 55.1

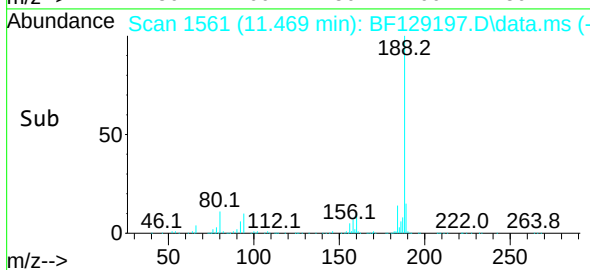
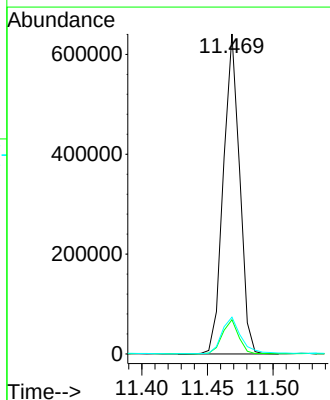
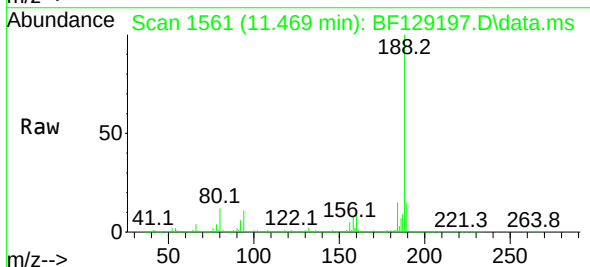
Manual Integrations
APPROVED

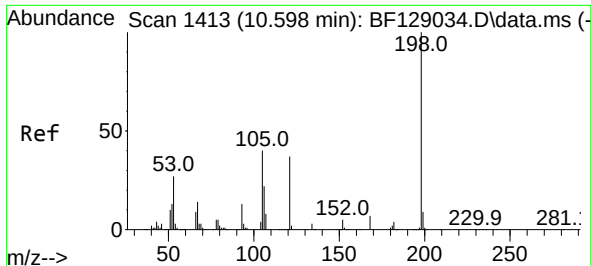
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

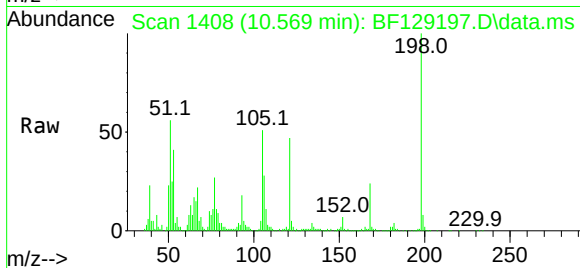
Tgt Ion:188 Resp: 552270
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.5 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 27.833 ng
RT: 10.569 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

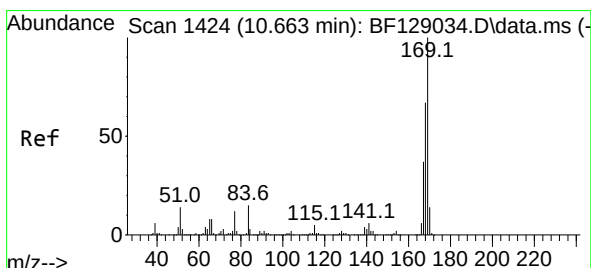
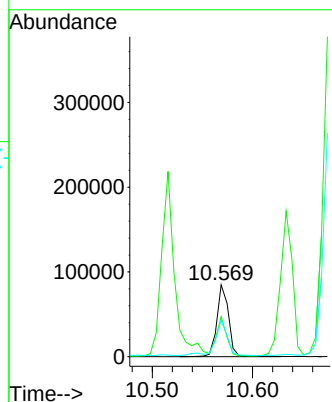
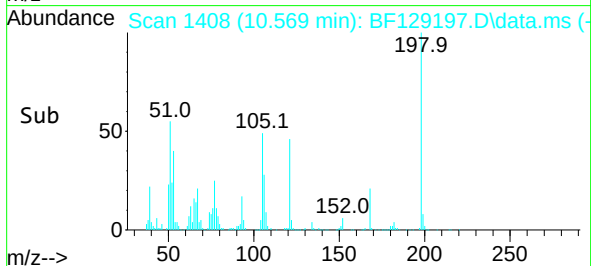
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:198 Resp: 68004
Ion Ratio Lower Upper
198 100
51 55.7 37.6 77.6
105 51.0 27.0 67.0

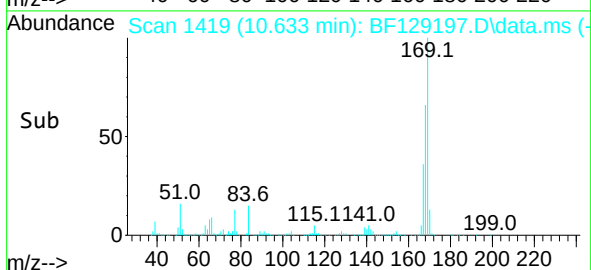
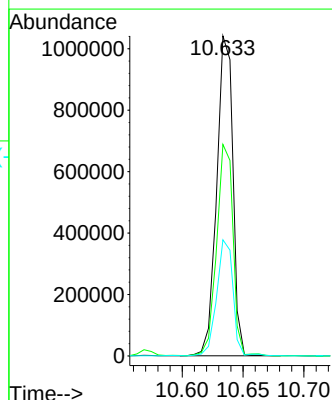
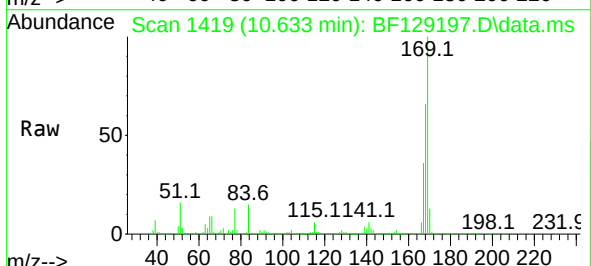
Manual Integrations
APPROVED

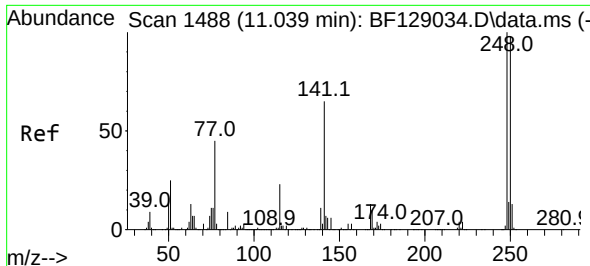
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#66
n-Nitrosodiphenylamine
Concen: 57.625 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

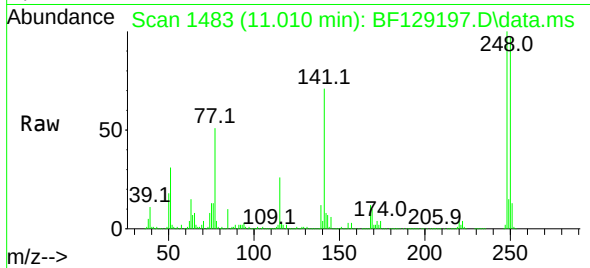
Tgt Ion:169 Resp: 966532
Ion Ratio Lower Upper
169 100
168 66.1 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 54.335 ng
RT: 11.010 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

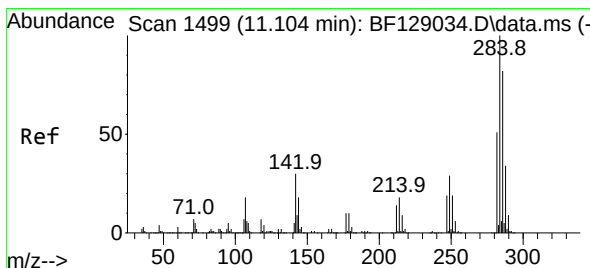
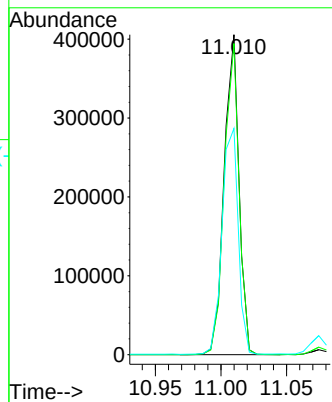
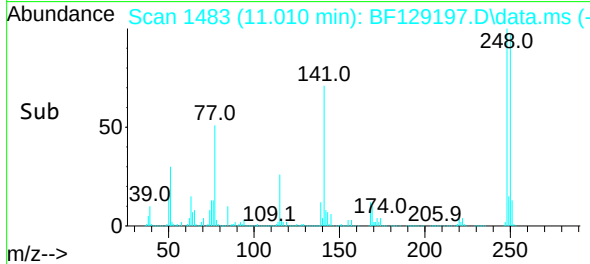
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:248 Resp: 319198
Ion Ratio Lower Upper
248 100
250 97.3 80.6 120.8
141 70.7 58.9 88.3

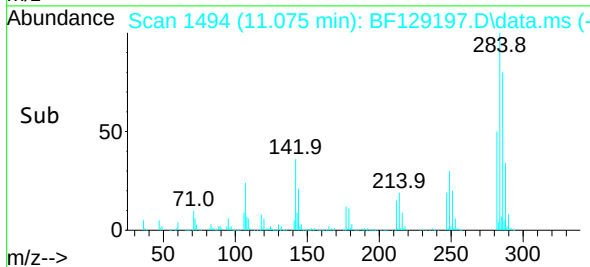
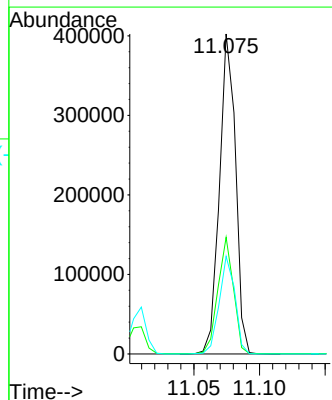
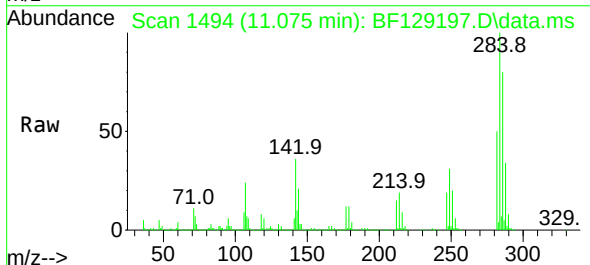
Manual Integrations
APPROVED

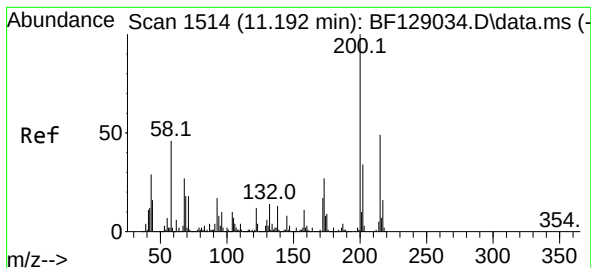
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#68
Hexachlorobenzene
Concen: 52.261 ng
RT: 11.075 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Tgt Ion:284 Resp: 341867
Ion Ratio Lower Upper
284 100
142 36.4 29.0 43.4
249 30.5 25.0 37.6





#69

Atrazine

Concen: 59.231 ng

RT: 11.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129197.D

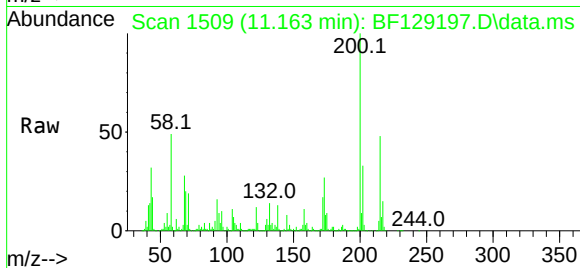
Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD



Tgt Ion:200 Resp: 279554

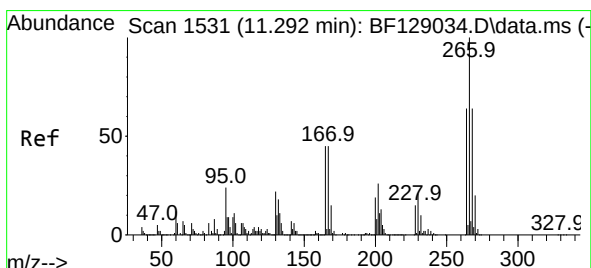
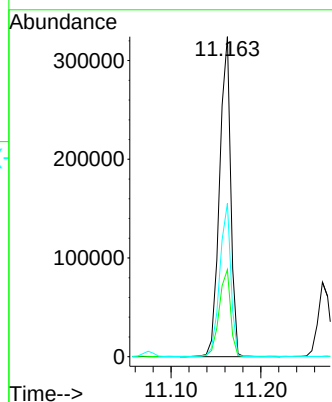
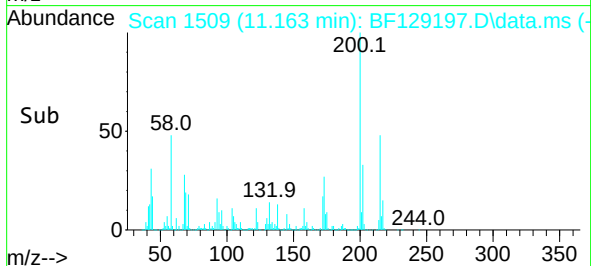
Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.3	46.3
215	47.9	28.3	68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#70

Pentachlorophenol

Concen: 93.349 ng

RT: 11.269 min Scan# 1527

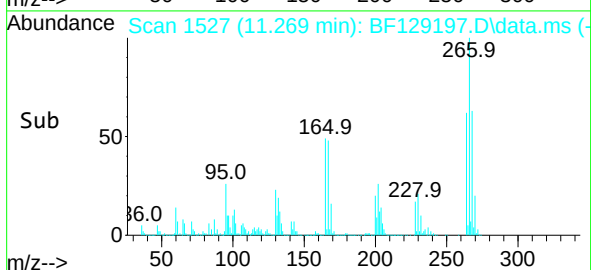
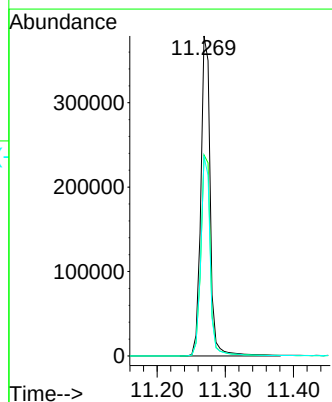
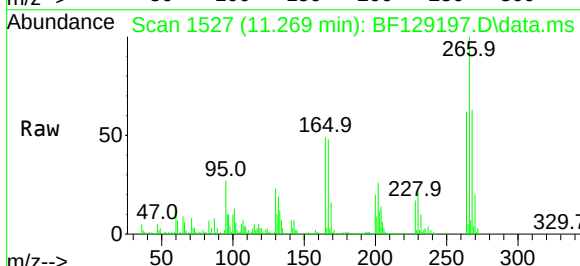
Delta R.T. -0.006 min

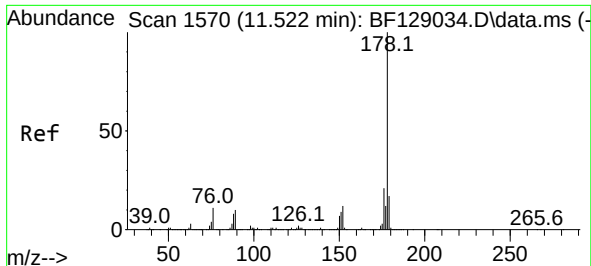
Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

Tgt Ion:266 Resp: 363713

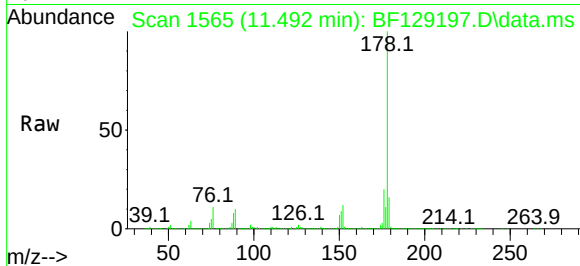
Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.0	76.4
264	62.3	49.4	74.2





#71
Phenanthrene
Concen: 53.616 ng
RT: 11.492 min Scan# 11565
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

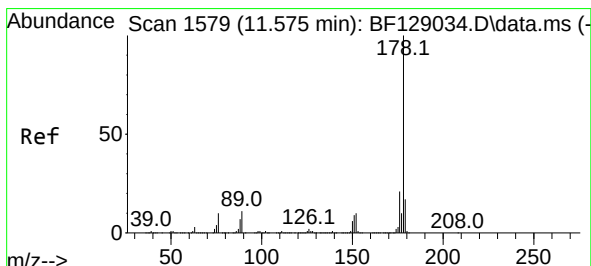
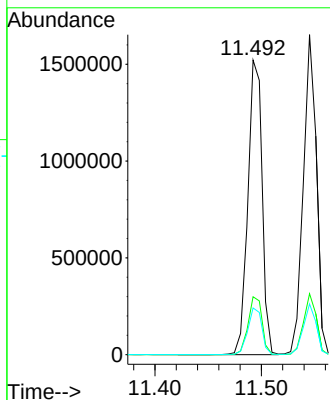
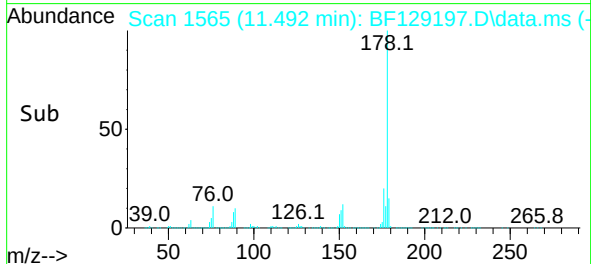
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:178 Resp: 1414772
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.9 12.6 19.0

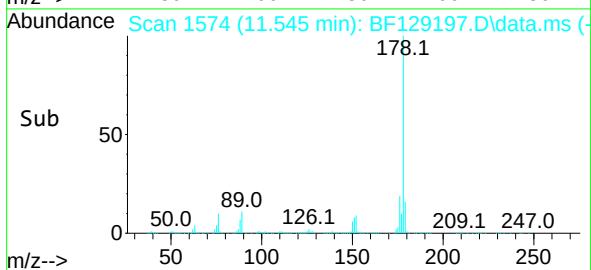
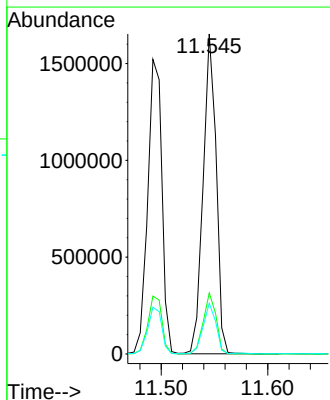
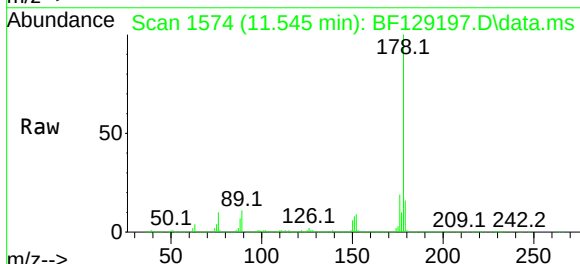
Manual Integrations
APPROVED

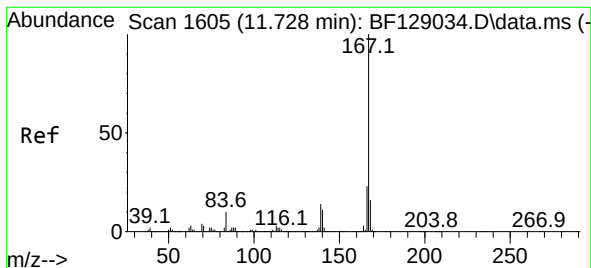
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#72
Anthracene
Concen: 54.263 ng
RT: 11.545 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

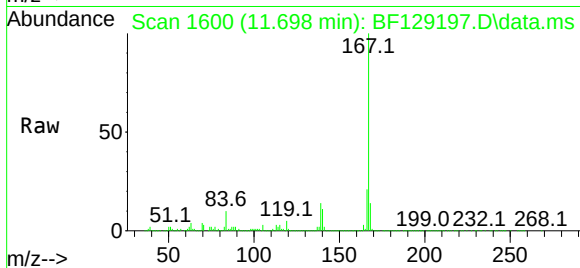
Tgt Ion:178 Resp: 1411712
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 48.683 ng
 RT: 11.698 min Scan# 1600
 Delta R.T. -0.006 min
 Lab File: BF129197.D
 Acq: 12 Jul 2022 19:23

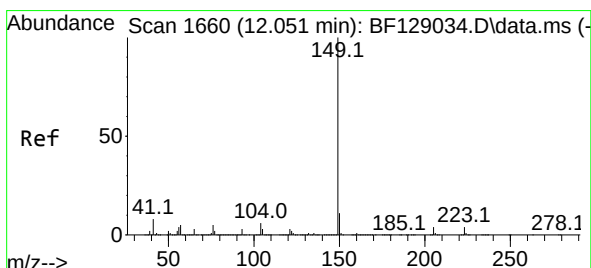
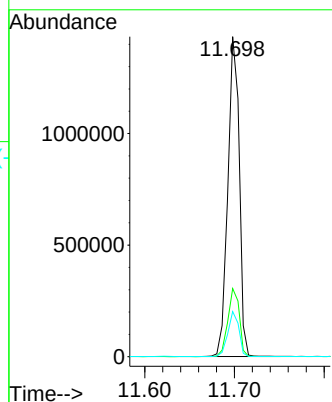
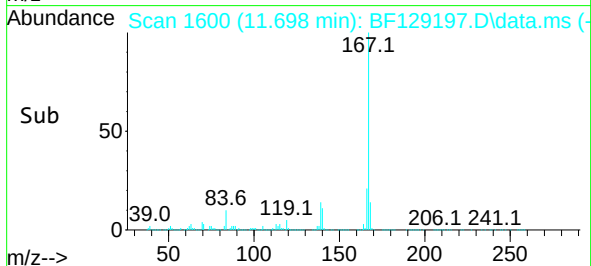
Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP1-0708MSD



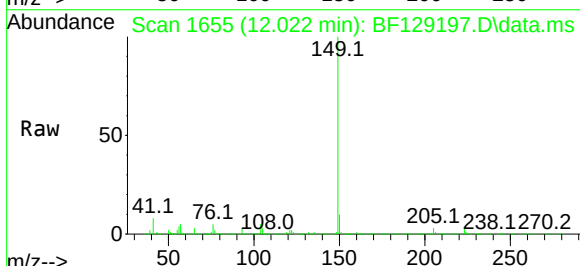
Tgt Ion:167 Resp: 1269127
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 14.1 11.2 16.8

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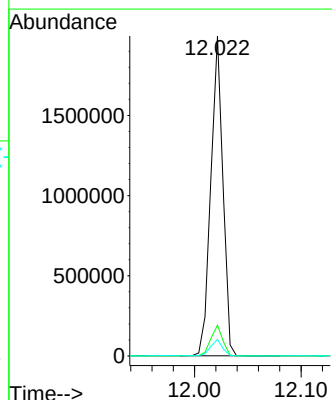
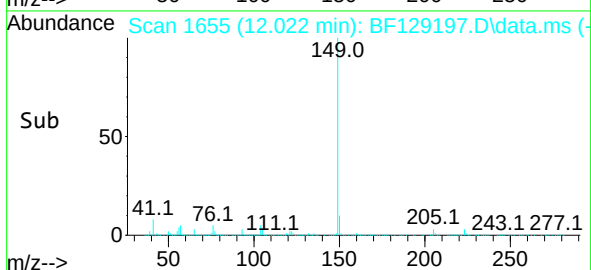
Reviewed By :Christian Giraldo 07/13/2022
 Supervised By :Jagrut Upadhyay 07/13/2022

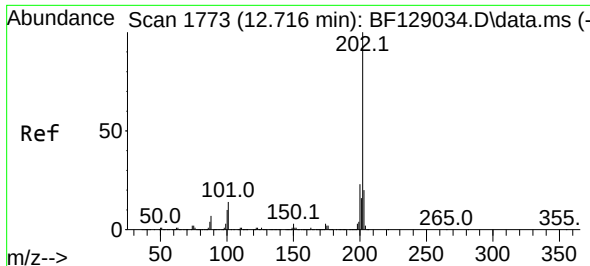


#74
 Di-n-butylphthalate
 Concen: 57.152 ng
 RT: 12.022 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF129197.D
 Acq: 12 Jul 2022 19:23



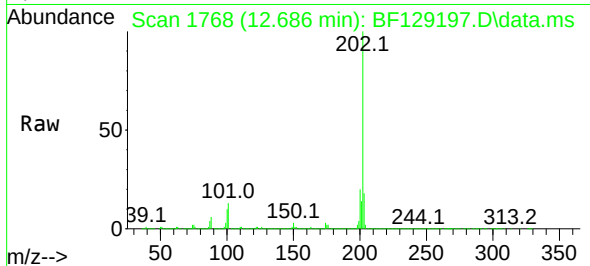
Tgt Ion:149 Resp: 1570890
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 52.900 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

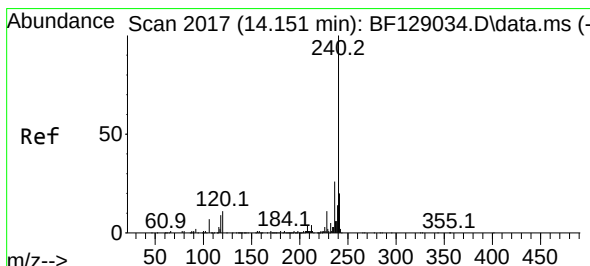
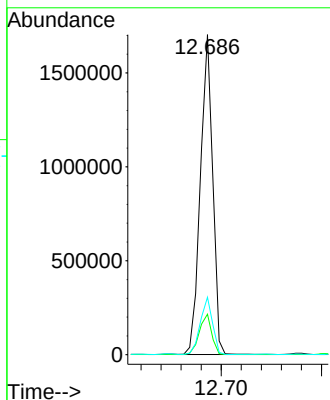
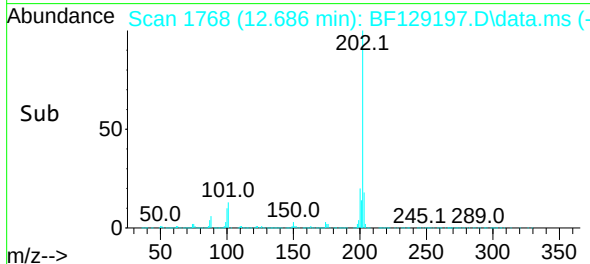
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



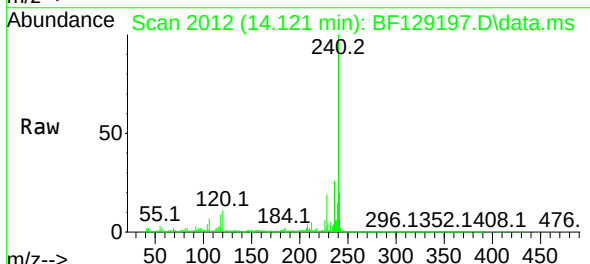
Tgt Ion:202 Resp: 145984
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 17.9 0.0 38.0

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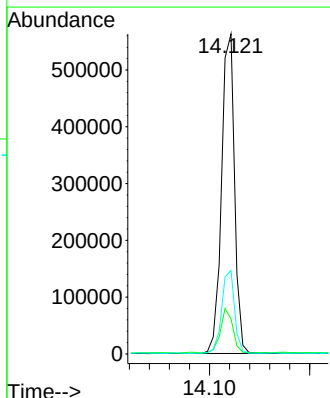
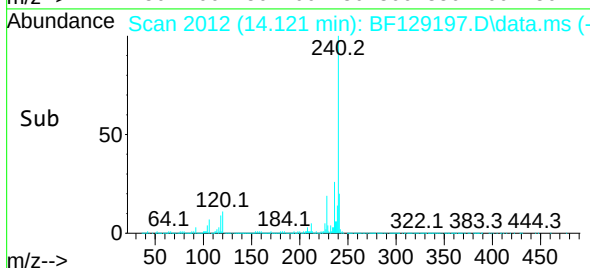
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

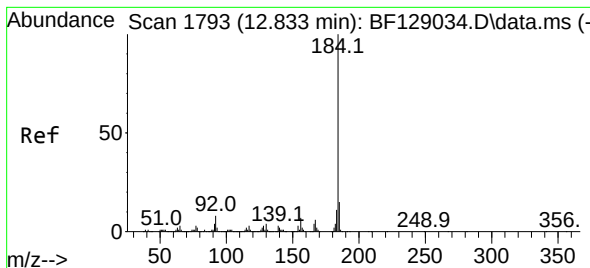


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



Tgt Ion:240 Resp: 506304
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.1 20.8 31.2





#77

Benzidine

Concen: 68.012 ng

RT: 12.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

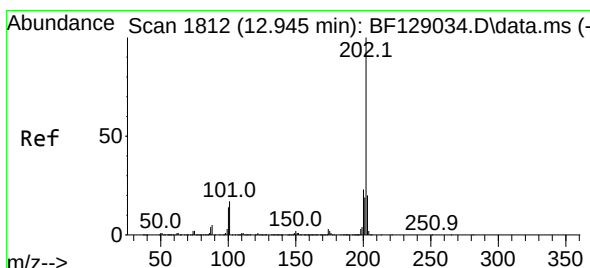
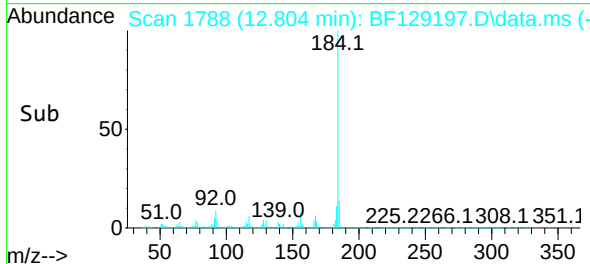
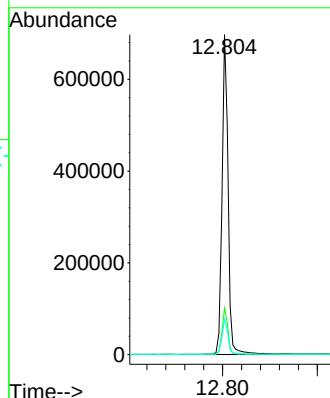
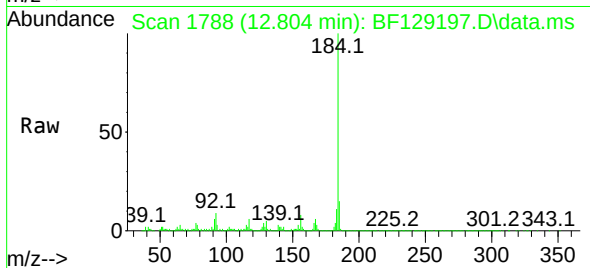
CMR-TP1-0708MSD

Tgt Ion:184 Resp: 61315
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.9 17.9
 183 11.1 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: 43.012 ng

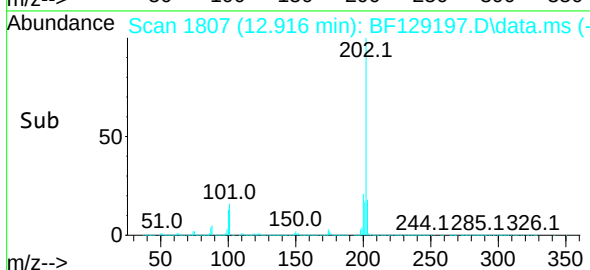
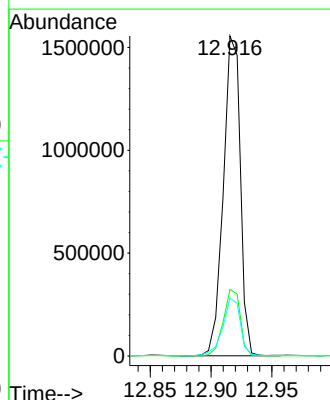
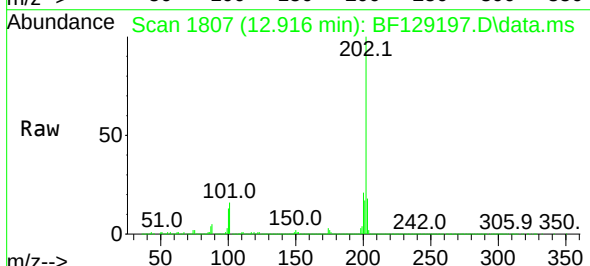
RT: 12.916 min Scan# 1807

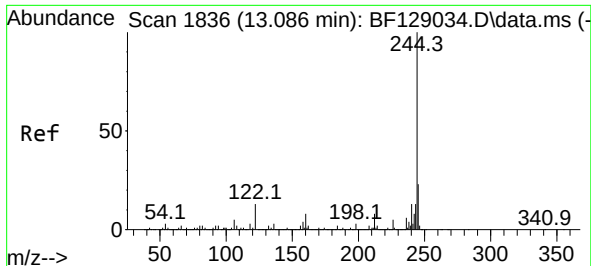
Delta R.T. -0.006 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

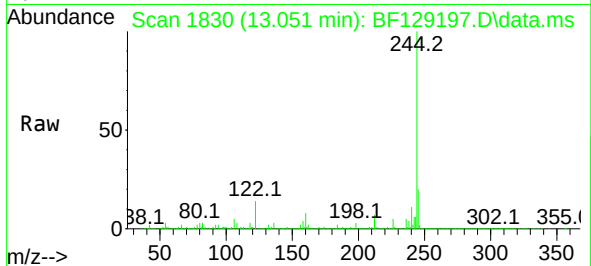
Tgt Ion:202 Resp: 1509501
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.7 26.5
 203 18.2 14.6 21.8





#79
Terphenyl-d14
Concen: 67.864 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

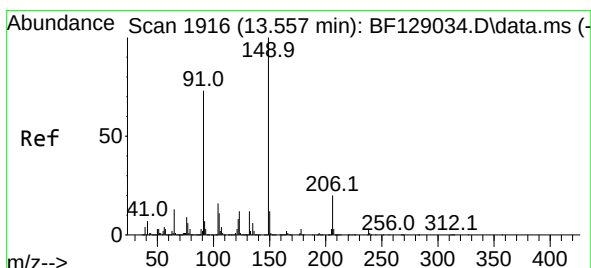
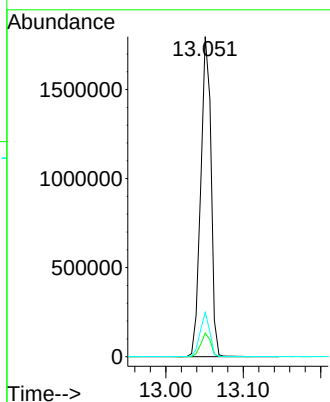
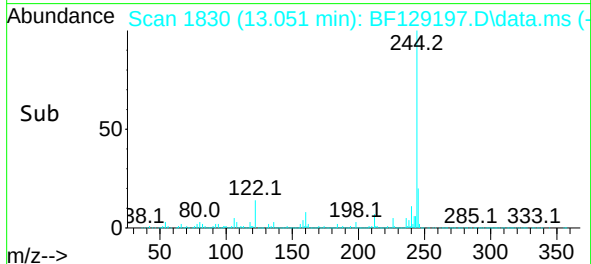
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:244 Resp: 1654588
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.8 8.8 13.2

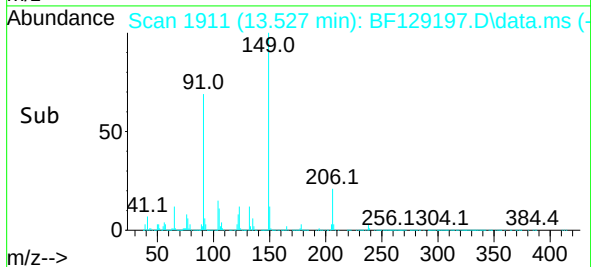
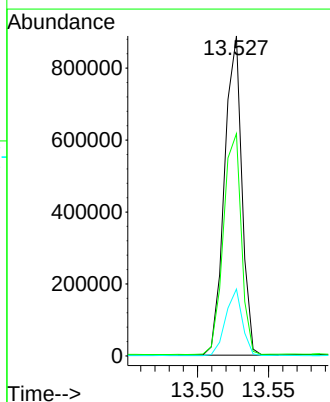
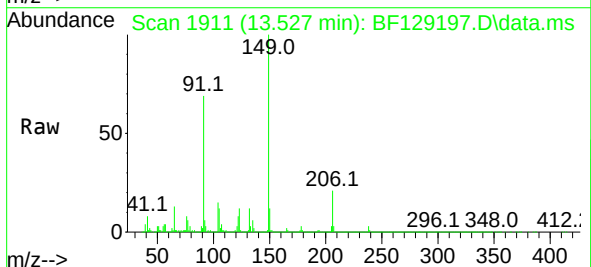
Manual Integrations
APPROVED

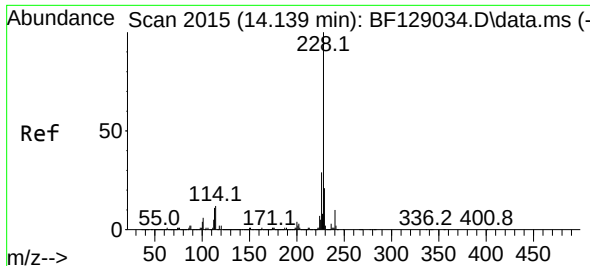
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#80
Butylbenzylphthalate
Concen: 52.589 ng
RT: 13.527 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Tgt Ion:149 Resp: 751869
Ion Ratio Lower Upper
149 100
91 69.5 61.2 91.8
206 20.9 15.7 23.5





#81
Benzo(a)anthracene
Concen: 54.264 ng
RT: 14.110 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

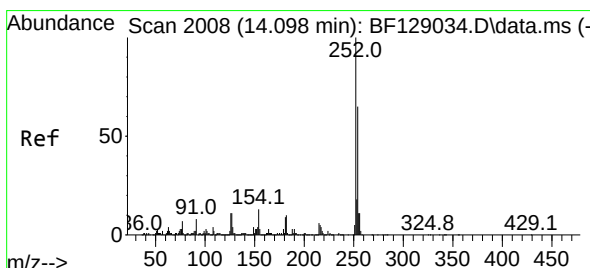
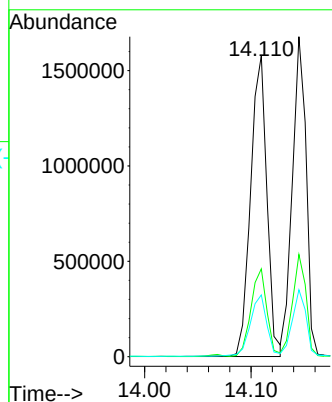
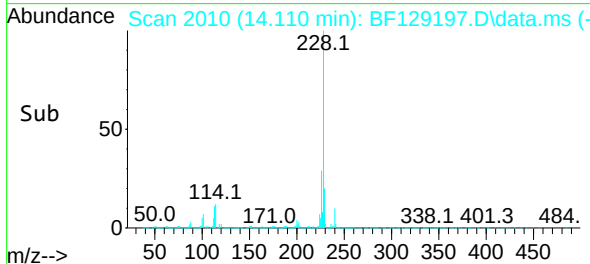
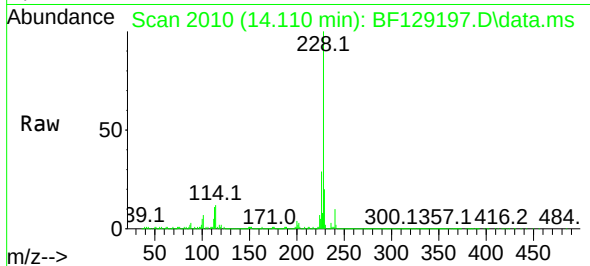
ClientSampleId :

CMR-TP1-0708MSD

Tgt Ion:228 Resp: 167753
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 20.5 15.8 23.8

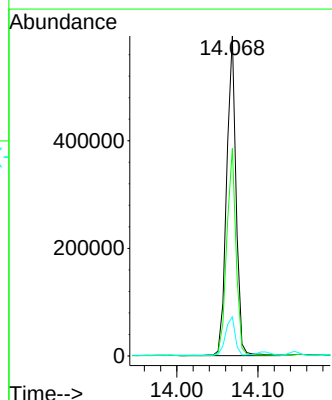
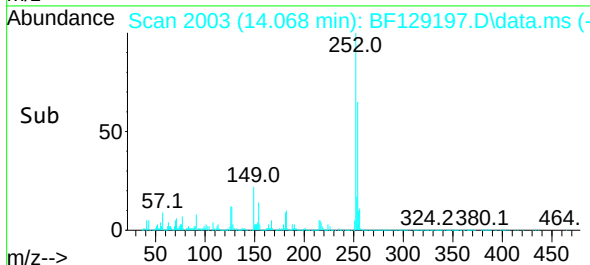
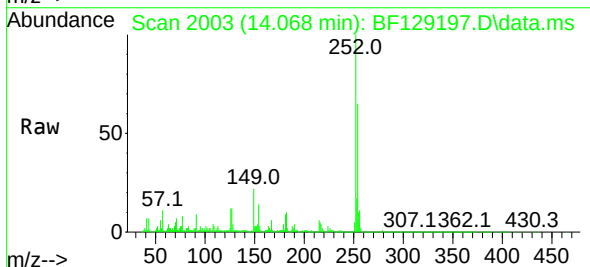
Manual Integrations
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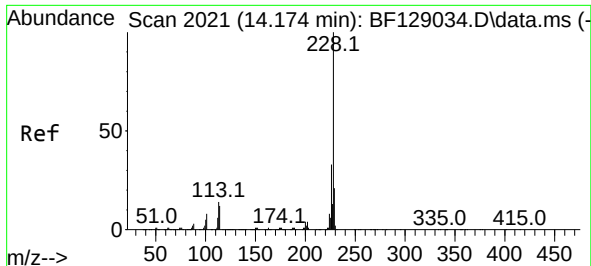
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#82
3,3'-Dichlorobenzidine
Concen: 72.161 ng
RT: 14.068 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

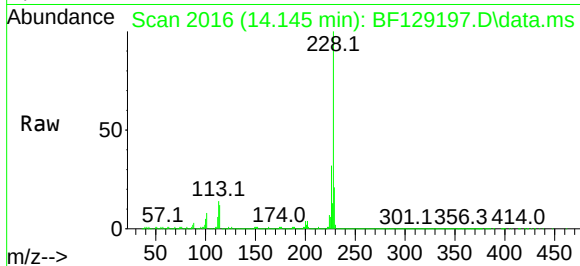
Tgt Ion:252 Resp: 482015
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 12.2 8.2 12.4





#83
Chrysene
Concen: 52.641 ng
RT: 14.145 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

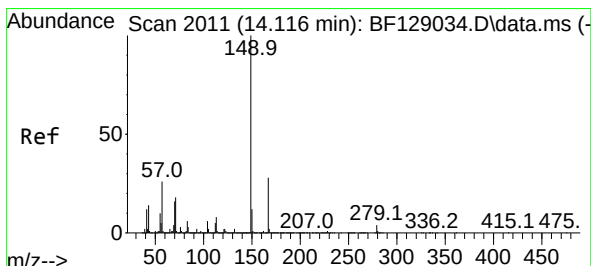
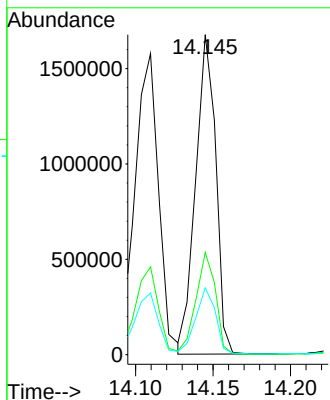
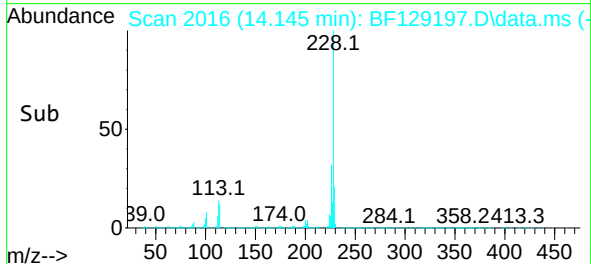
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



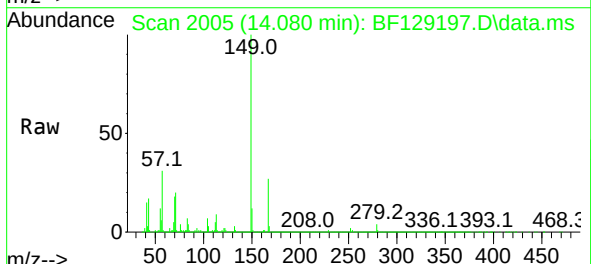
Tgt Ion:228 Resp: 1510779
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 20.9 15.9 23.9

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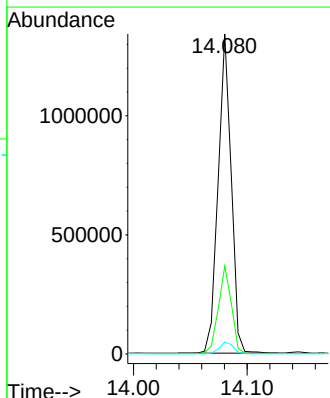
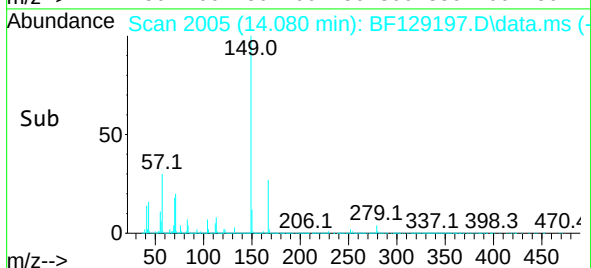
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

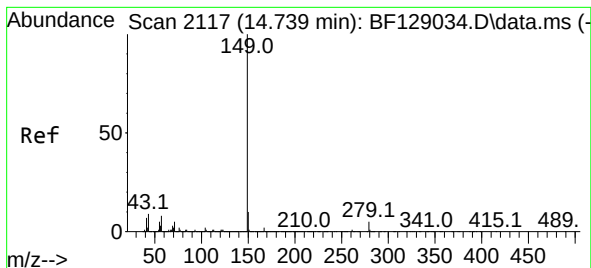


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.539 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



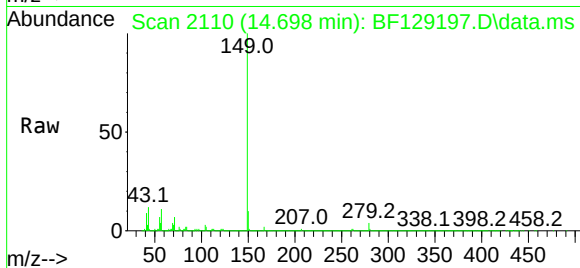
Tgt Ion:149 Resp: 1074292
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.4
279 3.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 62.371 ng
RT: 14.698 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

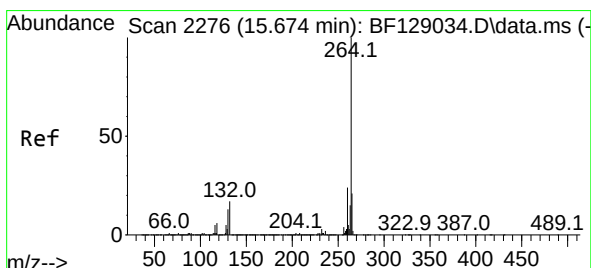
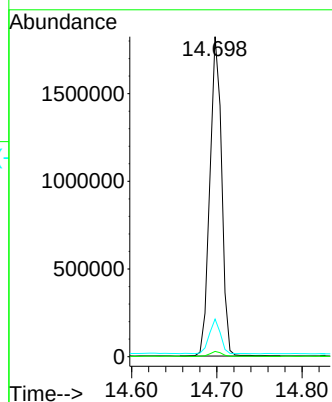
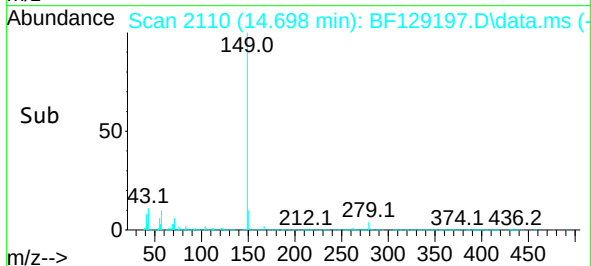
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



Tgt Ion:149 Resp: 1749430
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.4 9.2 13.8

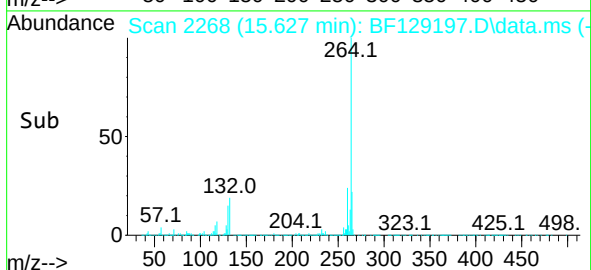
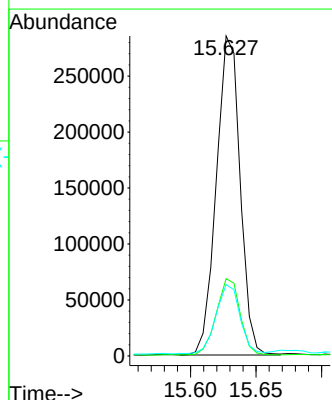
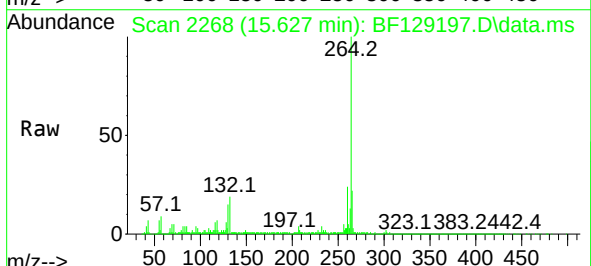
Manual Integrations
APPROVED

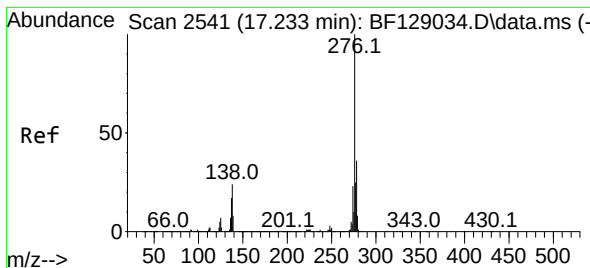
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

Tgt Ion:264 Resp: 358964
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.743 ng

RT: 17.174 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

Instrument :

BNA_F

ClientSampleId :

CMR-TP1-0708MSD

Tgt Ion:276 Resp: 1051118

Ion Ratio Lower Upper

276 100

138 26.3 21.1 31.7

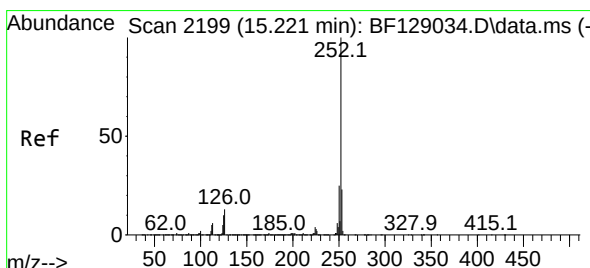
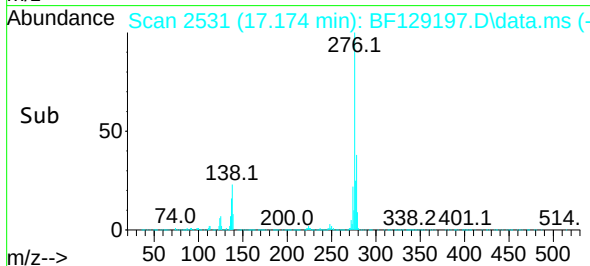
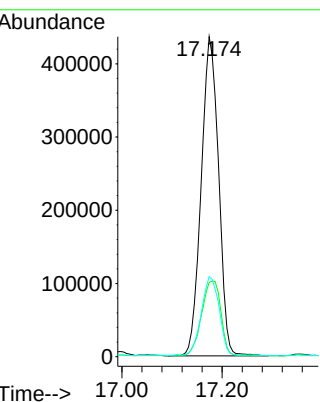
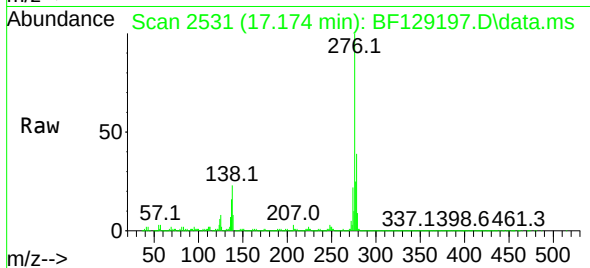
277 25.3 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#88

Benzo(b)fluoranthene

Concen: 61.526 ng

RT: 15.186 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF129197.D

Acq: 12 Jul 2022 19:23

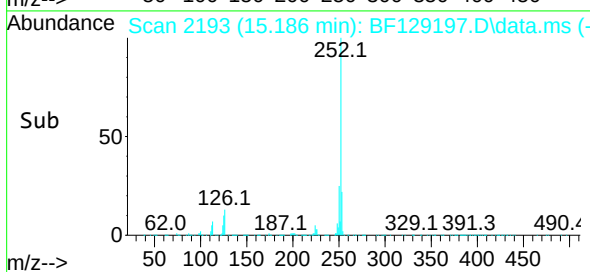
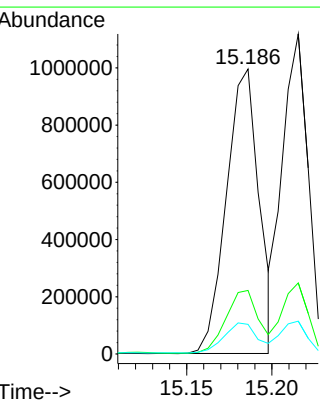
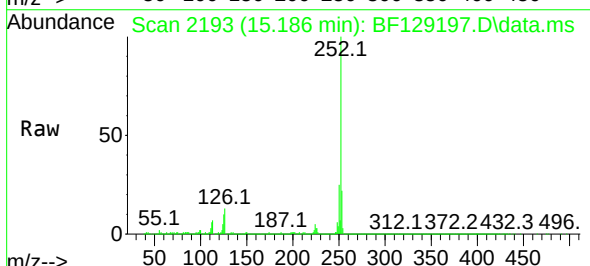
Tgt Ion:252 Resp: 1328237

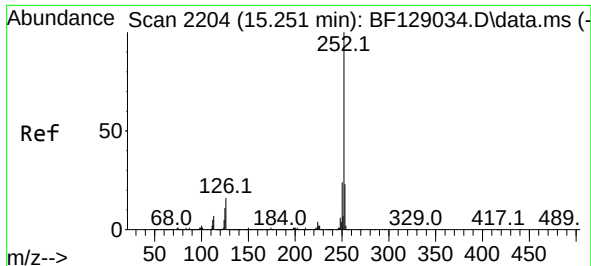
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

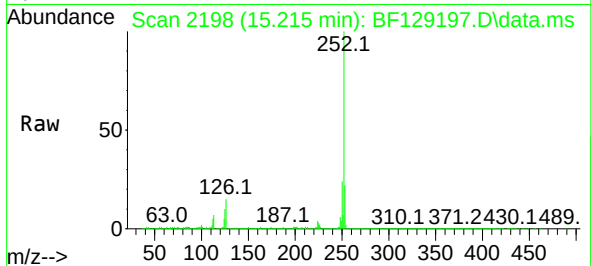
125 10.4 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 56.298 ng
RT: 15.215 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

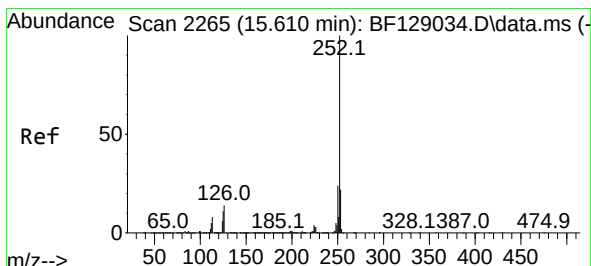
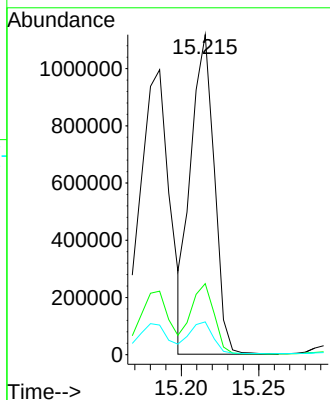
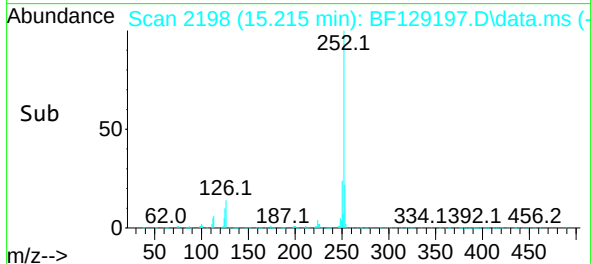
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



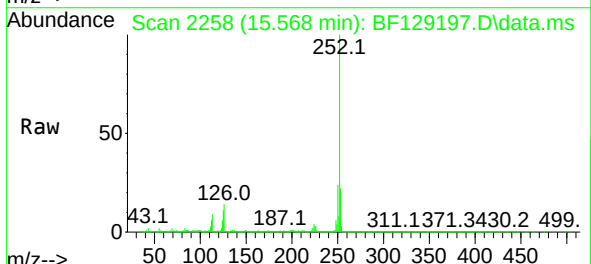
Tgt Ion:252 Resp: 1178810
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.3 8.3 12.5

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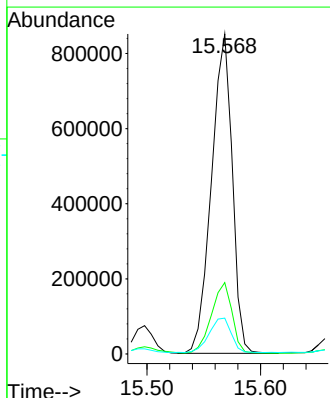
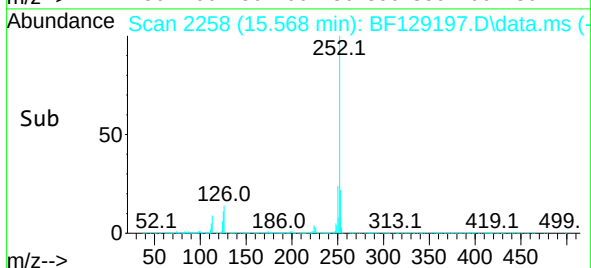
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

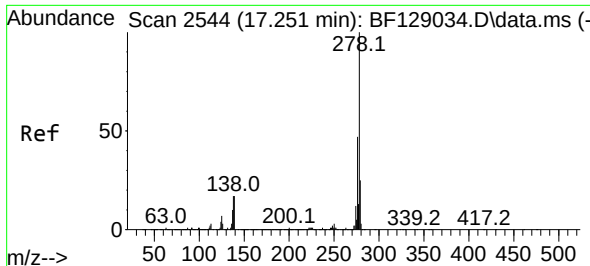


#90
Benzo(a)pyrene
Concen: 61.564 ng
RT: 15.568 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



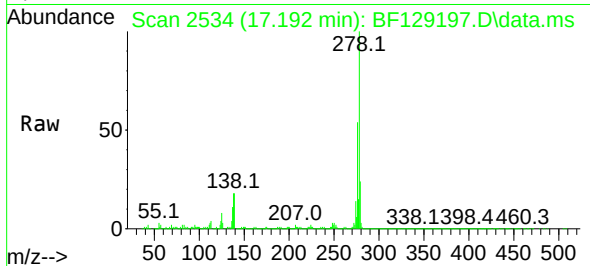
Tgt Ion:252 Resp: 1083451
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.093 ng
RT: 17.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23

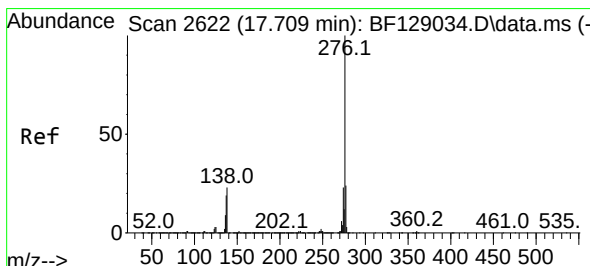
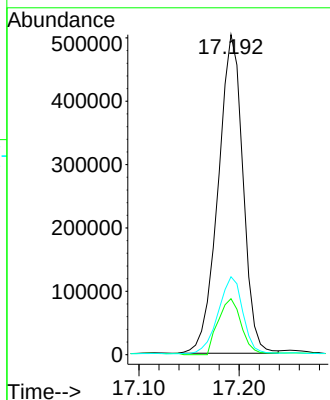
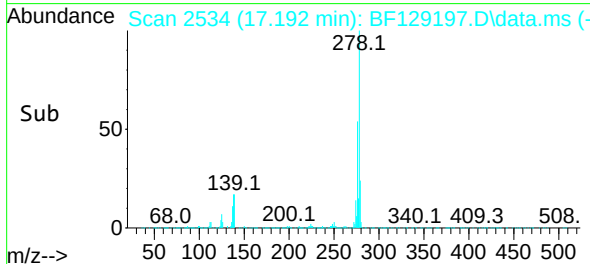
Instrument :
BNA_F
ClientSampleId :
CMR-TP1-0708MSD



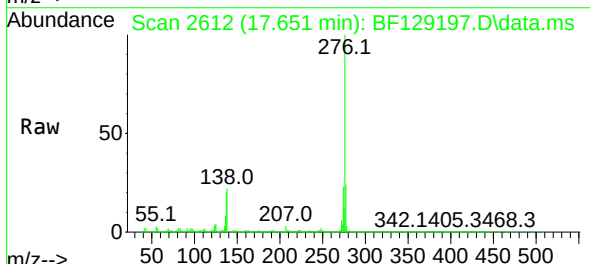
Tgt Ion:278 Resp: 863138
Ion Ratio Lower Upper
278 100
139 17.5 12.8 19.2
279 24.4 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.213 ng
RT: 17.651 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF129197.D
Acq: 12 Jul 2022 19:23



Tgt Ion:276 Resp: 886132
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 22.5 18.0 27.0

