

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129045.D
 Acq On : 29 Jun 2022 19:58
 Operator : CG\JU
 Sample : PB145742BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145742BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 21:37:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	462000	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1792533	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	925733	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1634795	20.000	ng	0.00
76) Chrysene-d12	14.151	240	1130526	20.000	ng	0.00
86) Perylene-d12	15.668	264	921906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	3003673	109.916	ng	0.01
7) Phenol-d6	6.592	99	3736719	110.100	ng	0.00
23) Nitrobenzene-d5	7.528	82	2359958	78.527	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1161345	115.373	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	4075631	70.432	ng	0.00
79) Terphenyl-d14	13.086	244	4514708	82.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.922	88	393126	32.268	ng	88
3) Pyridine	3.722	79	977852	32.865	ng	88
4) n-Nitrosodimethylamine	3.634	42	569747	42.266	ng	83
6) Aniline	6.628	93	1382185	36.415	ng	97
8) 2-Chlorophenol	6.745	128	1265715	44.085	ng	96
9) Benzaldehyde	6.516	77	217312	10.277	ng	95
10) Phenol	6.604	94	1504004	43.738	ng	90
11) bis(2-Chloroethyl)ether	6.692	93	1205537	44.294	ng	93
12) 1,3-Dichlorobenzene	6.898	146	1312821	41.538	ng	99
13) 1,4-Dichlorobenzene	6.975	146	1330125	41.725	ng	100
14) 1,2-Dichlorobenzene	7.128	146	1290648	43.069	ng	99
15) Benzyl Alcohol	7.104	79	1019817	42.718	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1643555	42.280	ng	93
17) 2-Methylphenol	7.210	107	1019497	43.638	ng	96
18) Hexachloroethane	7.475	117	480653	42.947	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	854321	43.514	ng	90
20) 3+4-Methylphenols	7.363	107	1253969	42.208	ng	96
22) Acetophenone	7.375	105	1686390	41.011	ng	# 93
24) Nitrobenzene	7.545	77	1256985	43.228	ng	92
25) Isophorone	7.786	82	2302418	45.332	ng	97
26) 2-Nitrophenol	7.857	139	650728	48.152	ng	90
27) 2,4-Dimethylphenol	7.892	122	1180336	48.378	ng	97
28) bis(2-Chloroethoxy)met...	7.986	93	1431758	41.046	ng	99
29) 2,4-Dichlorophenol	8.098	162	1042883	41.907	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	1100522	40.188	ng	97
31) Naphthalene	8.269	128	3343415	41.086	ng	97
32) Benzoic acid	8.016	122	851739	43.512	ng	96
33) 4-Chloroaniline	8.310	127	804020	24.520	ng	97
34) Hexachlorobutadiene	8.380	225	654063	40.000	ng	99
35) Caprolactam	8.704	113	316382m	40.093	ng	
36) 4-Chloro-3-methylphenol	8.792	107	1074292	42.489	ng	92
37) 2-Methylnaphthalene	8.957	142	2275225	41.551	ng	99
38) 1-Methylnaphthalene	9.057	142	2204652	41.459	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	1060735	40.765	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1353896	98.571	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	759596	42.857	ng	99

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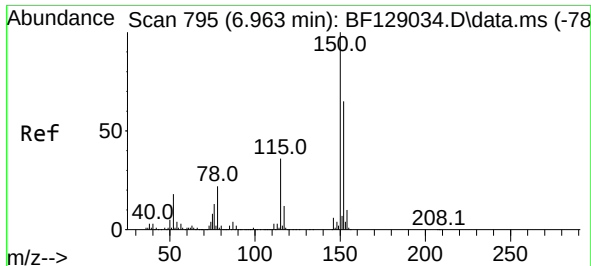
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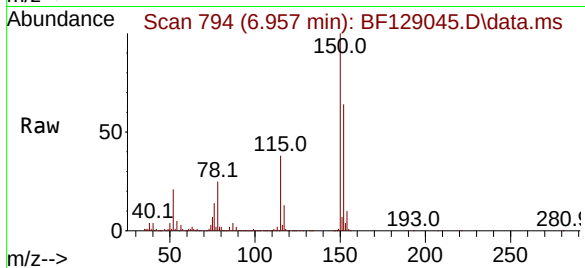
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	780006	41.374	ng	97
46) 1,1'-Biphenyl	9.422	154	2750802	41.332	ng	96
47) 2-Chloronaphthalene	9.451	162	2105783	40.973	ng	98
48) 2-Nitroaniline	9.545	65	629024	46.469	ng	# 83
49) Acenaphthylene	9.869	152	3362501	43.057	ng	96
50) Dimethylphthalate	9.727	163	2405410	41.534	ng	100
51) 2,6-Dinitrotoluene	9.786	165	556631	47.035	ng	97
52) Acenaphthene	10.039	154	2307818	45.368	ng	98
53) 3-Nitroaniline	9.957	138	446056	31.607	ng	# 90
54) 2,4-Dinitrophenol	10.063	184	581760	89.967	ng	# 83
55) Dibenzofuran	10.210	168	2984791	40.296	ng	96
56) 4-Nitrophenol	10.116	139	1030946	89.408	ng	93
57) 2,4-Dinitrotoluene	10.192	165	731170	50.046	ng	91
58) Fluorene	10.557	166	2331419	40.691	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.327	232	653182	41.821	ng	99
60) Diethylphthalate	10.427	149	2415600	41.626	ng	97
61) 4-Chlorophenyl-phenyle...	10.545	204	1152038	40.356	ng	98
62) 4-Nitroaniline	10.580	138	604724	43.212	ng	89
63) Azobenzene	10.704	77	2308935	40.610	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	332441	45.965	ng	92
66) n-Nitrosodiphenylamine	10.669	169	2102155	42.340	ng	94
67) 4-Bromophenyl-phenylether	11.039	248	727243	41.820	ng	95
68) Hexachlorobenzene	11.104	284	823385	42.522	ng	95
69) Atrazine	11.192	200	671120	48.036	ng	98
70) Pentachlorophenol	11.298	266	1000940	86.785	ng	97
71) Phenanthrene	11.521	178	3215433	41.165	ng	96
72) Anthracene	11.574	178	3241964	42.097	ng	95
73) Carbazole	11.727	167	3114403	40.359	ng	98
74) Di-n-butylphthalate	12.051	149	3479738	42.768	ng	97
75) Fluoranthene	12.716	202	3385182	41.440	ng	94
77) Benzidine	12.833	184	1265195	62.850	ng	99
78) Pyrene	12.945	202	3425393	43.712	ng	97
80) Butylbenzylphthalate	13.563	149	1423299	44.584	ng	# 88
81) Benzo(a)anthracene	14.139	228	2935687	42.529	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	729979	48.942	ng	97
83) Chrysene	14.174	228	2638422	41.172	ng	95
84) Bis(2-ethylhexyl)phtha...	14.115	149	1939141	45.706	ng	# 96
85) Di-n-octyl phthalate	14.733	149	2820344	45.031	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2495164	44.129	ng	99
88) Benzo(b)fluoranthene	15.221	252	2565610	46.274	ng	98
89) Benzo(k)fluoranthene	15.251	252	2437162	45.321	ng	97
90) Benzo(a)pyrene	15.609	252	2368102	52.394	ng	98
91) Dibenzo(a,h)anthracene	17.256	278	2168102	47.037	ng	97
92) Benzo(g,h,i)perylene	17.709	276	2142616	46.333	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

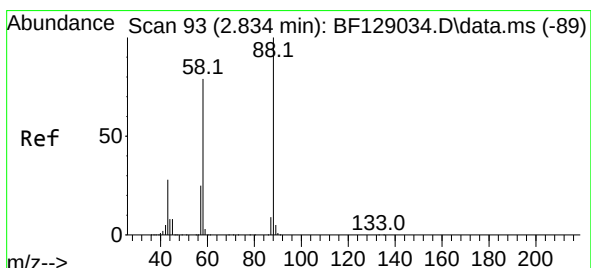
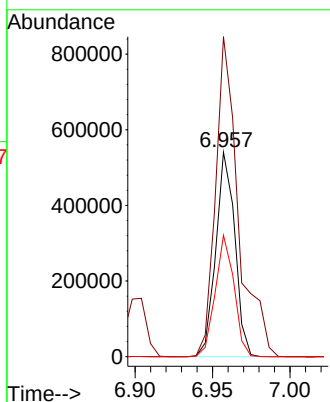
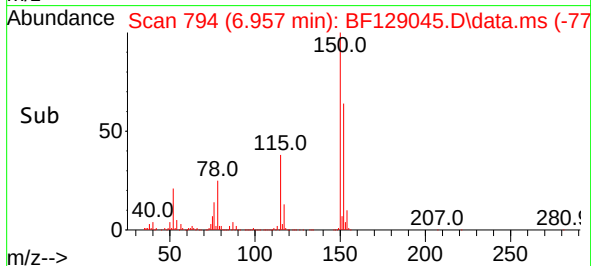
Instrument :
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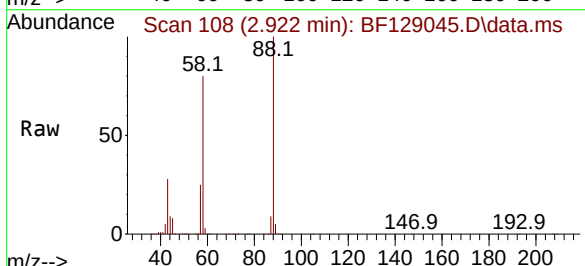
Tgt Ion:152 Resp: 462000
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 59.4 49.9 74.9

Manual Integrations
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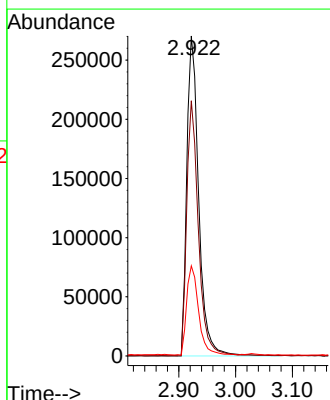
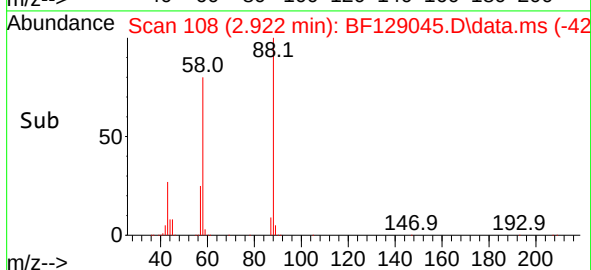
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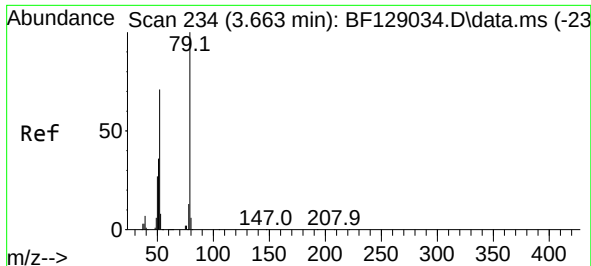


#2
1,4-Dioxane
Concen: 32.268 ng
RT: 2.922 min Scan# 108
Delta R.T. 0.088 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



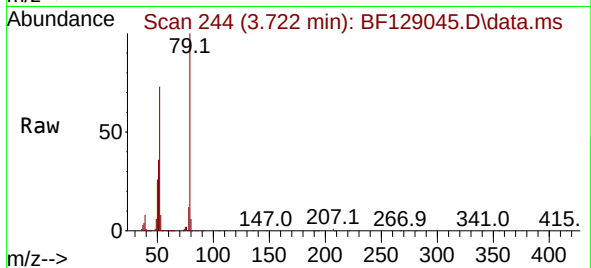
Tgt Ion: 88 Resp: 393126
Ion Ratio Lower Upper
88 100
58 78.2 71.8 107.8
43 27.9 26.6 39.8





#3
Pyridine
Concen: 32.865 ng
RT: 3.722 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

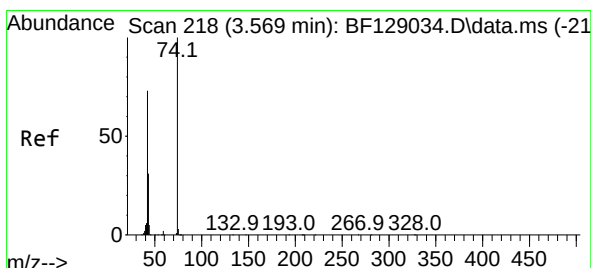
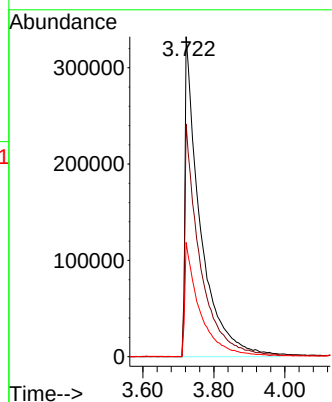
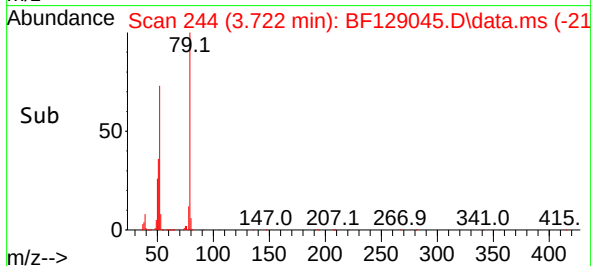
Instrument :
BNA_F
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PB145742BS



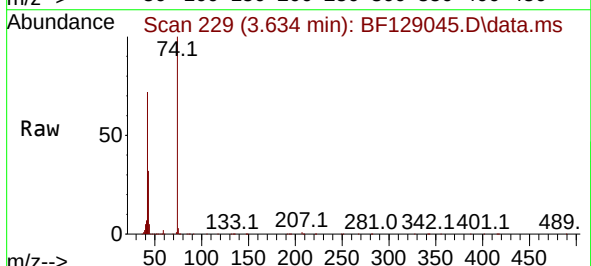
Tgt Ion: 79 Resp: 977852
Ion Ratio Lower Upper
79 100
52 72.8 68.6 102.8
51 35.7 32.9 49.3

Manual Integrations
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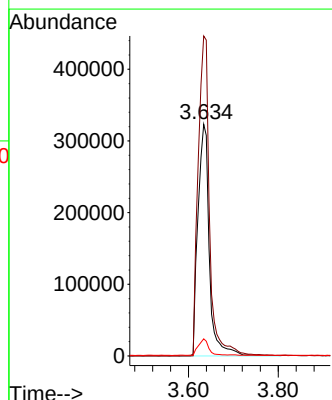
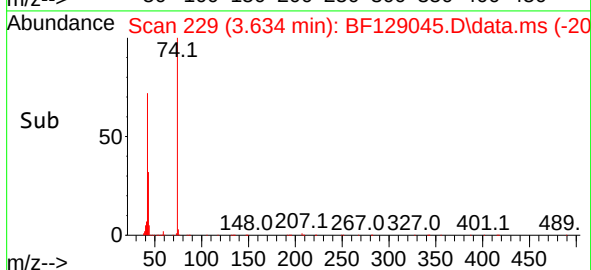
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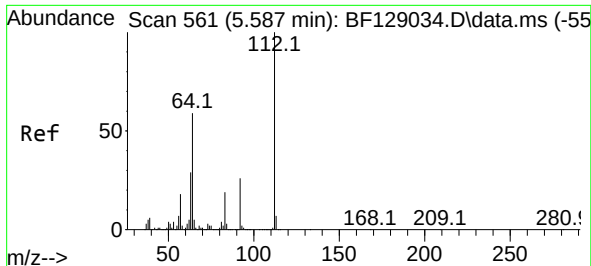


#4
n-Nitrosodimethylamine
Concen: 42.266 ng
RT: 3.634 min Scan# 229
Delta R.T. 0.064 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion: 42 Resp: 569747
Ion Ratio Lower Upper
42 100
74 138.2 94.8 142.2
44 7.4 6.6 10.0





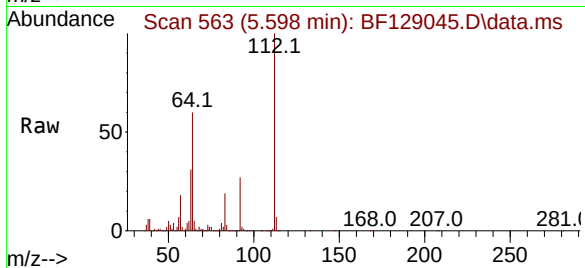
#5
2-Fluorophenol
Concen: 109.916 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

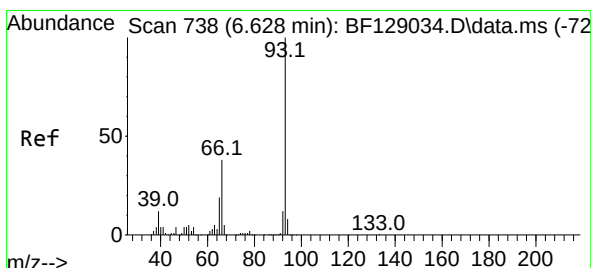
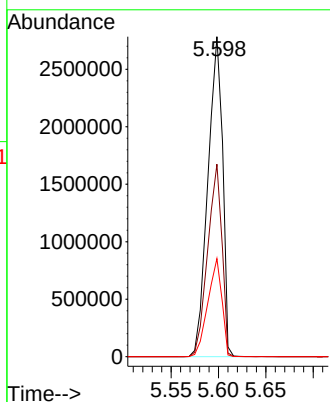
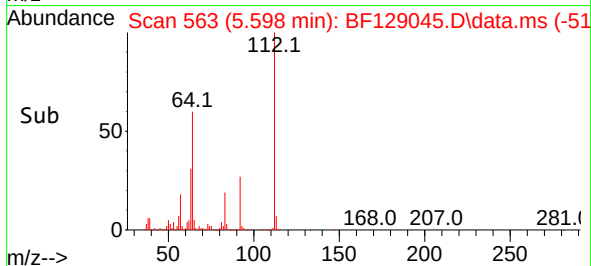


Tgt Ion:112 Resp: 300367
Ion Ratio Lower Upper
112 100
64 60.1 53.3 79.9
63 30.7 28.0 42.0

Manual Integrations

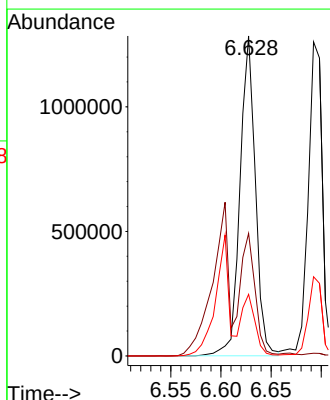
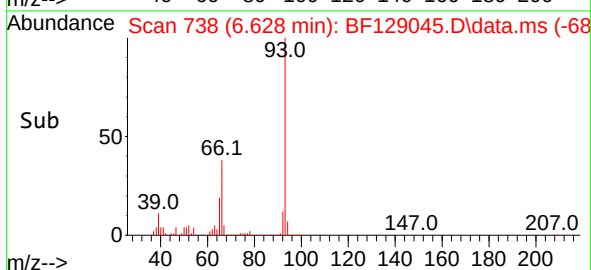
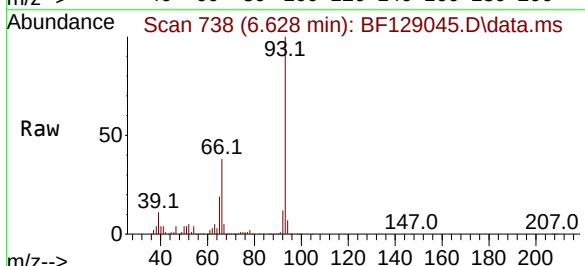
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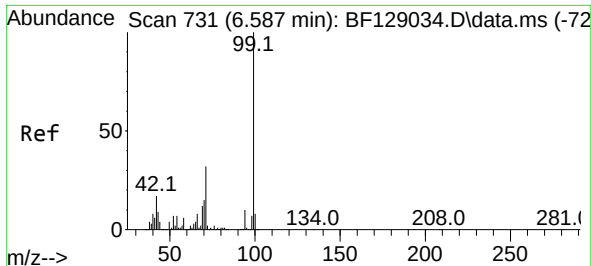
Reviewed By :Christian Giraldo 06/30/2022
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#6
Aniline
Concen: 36.415 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

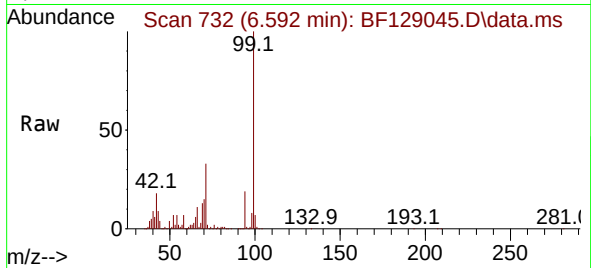
Tgt Ion: 93 Resp: 1382185
Ion Ratio Lower Upper
93 100
66 38.3 32.5 48.7
65 19.3 16.4 24.6





#7
Phenol-d6
Concen: 110.100 ng
RT: 6.592 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

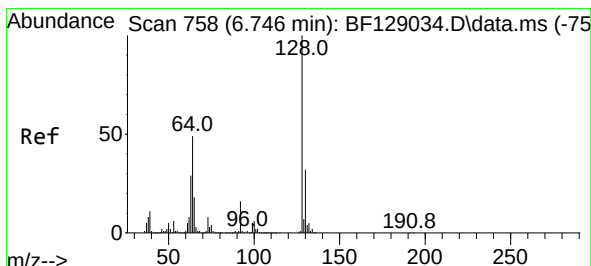
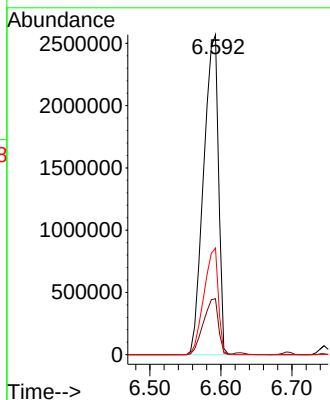
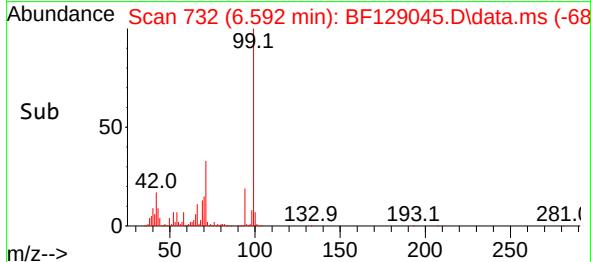
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 3736715
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 33.3 28.9 43.3

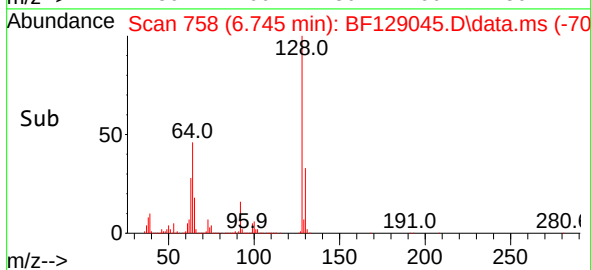
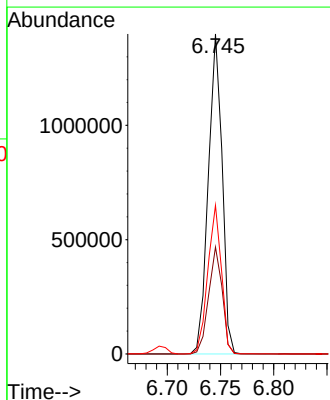
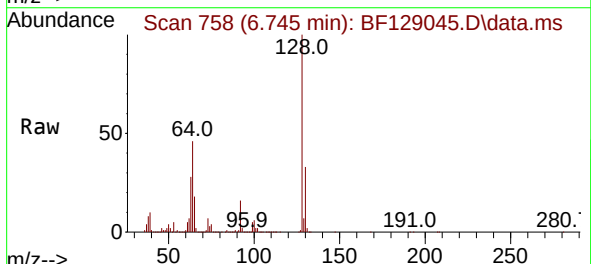
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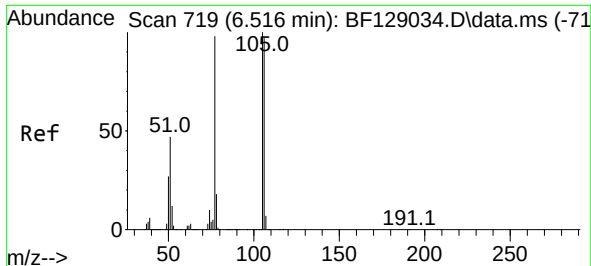
Reviewed By :Christian Giraldo 06/30/2022
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#8
2-Chlorophenol
Concen: 44.085 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

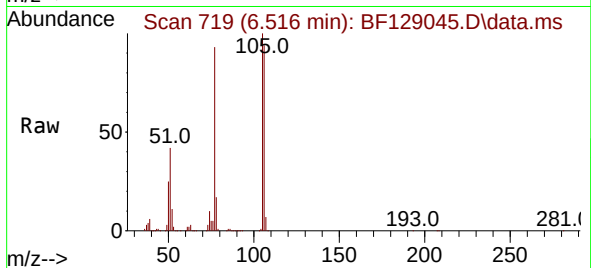
Tgt Ion:128 Resp: 1265715
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 46.5 30.9 70.9





#9
Benzaldehyde
Concen: 10.277 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

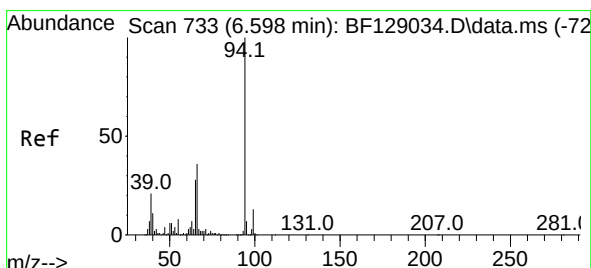
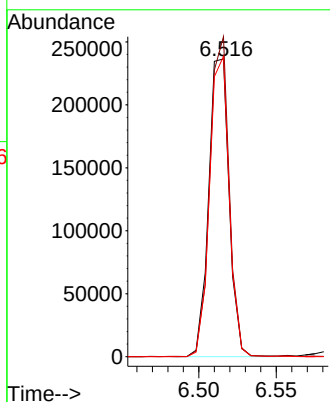
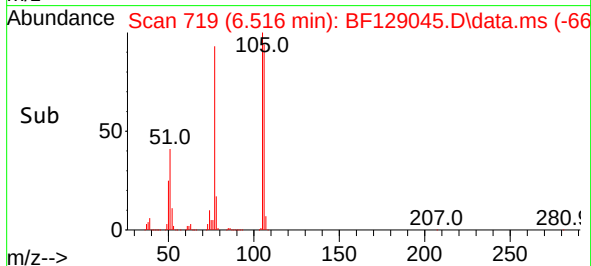
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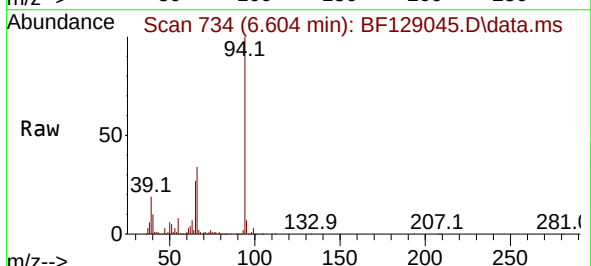
Tgt Ion: 77 Resp: 217312
Ion Ratio Lower Upper
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105 107.5 81.6 121.6
106 100.9 76.1 116.1

Manual Integrations
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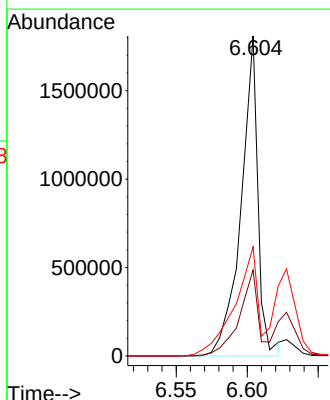
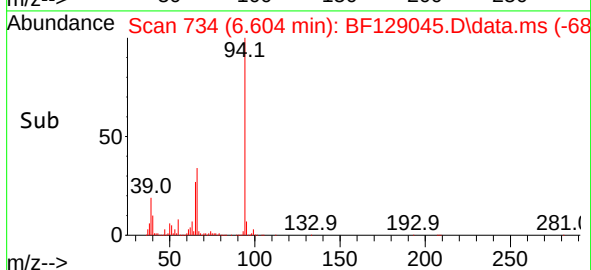
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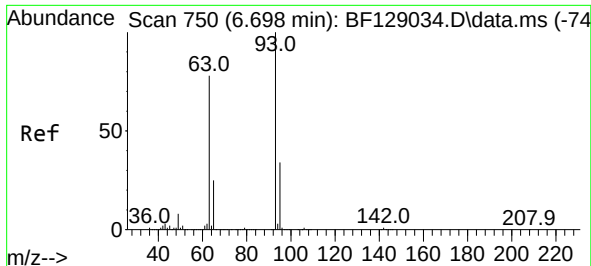


#10
Phenol
Concen: 43.738 ng
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



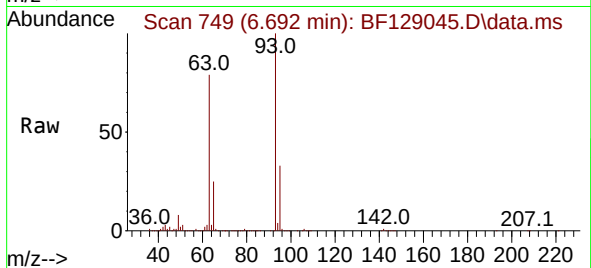
Tgt Ion: 94 Resp: 1504004
Ion Ratio Lower Upper
94 100
65 26.8 11.4 51.4
66 34.1 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 44.294 ng
RT: 6.692 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

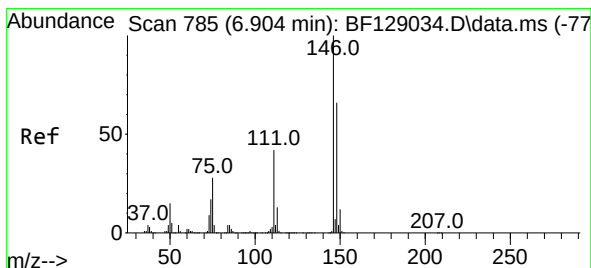
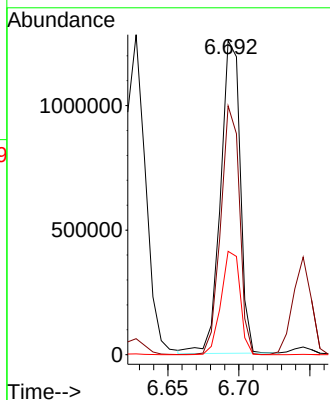
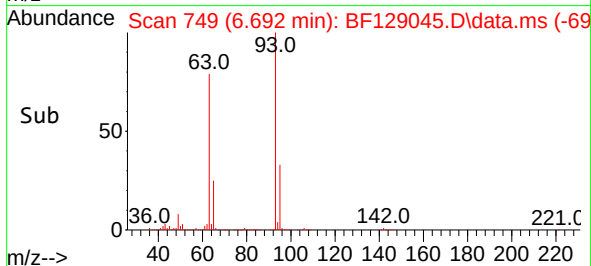
Instrument :
BNA_F
ClientSampleId :
PB145742BS



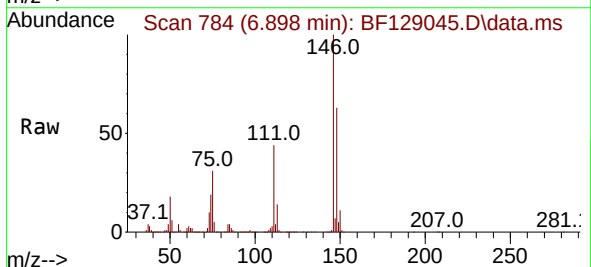
Tgt Ion: 93 Resp: 120553
Ion Ratio Lower Upper
93 100
63 79.2 67.4 107.4
95 32.9 12.7 52.7

Manual Integrations
APPROVED

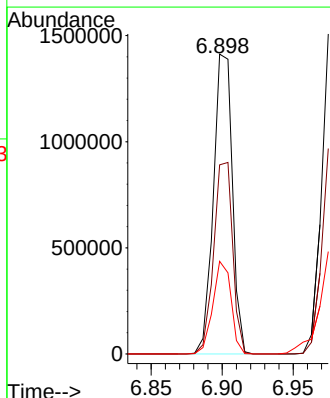
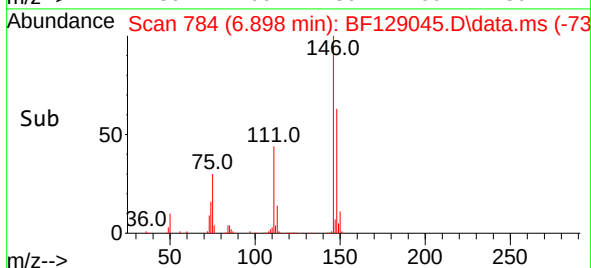
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

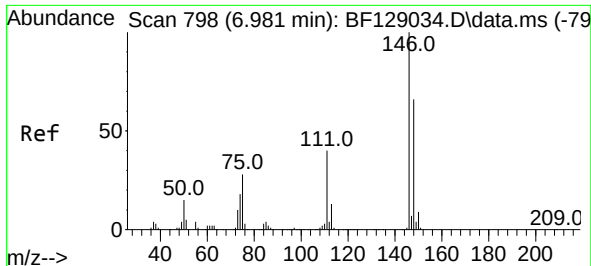


#12
1,3-Dichlorobenzene
Concen: 41.538 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



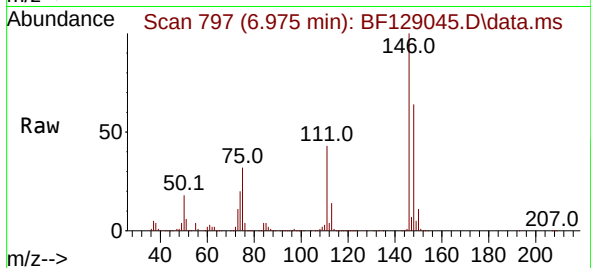
Tgt Ion:146 Resp: 1312821
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 30.9 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 41.725 ng
RT: 6.975 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

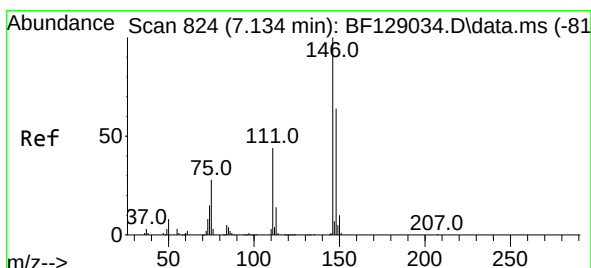
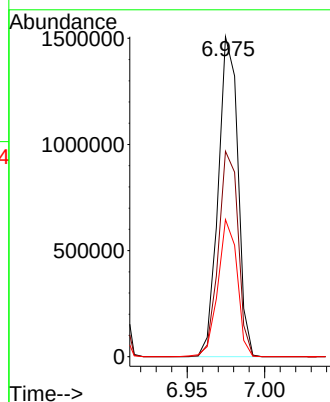
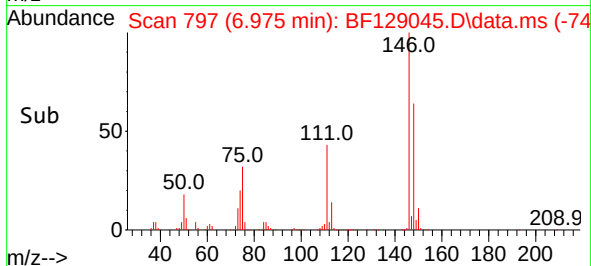
Instrument :
BNA_F
ClientSampleId :
PB145742BS



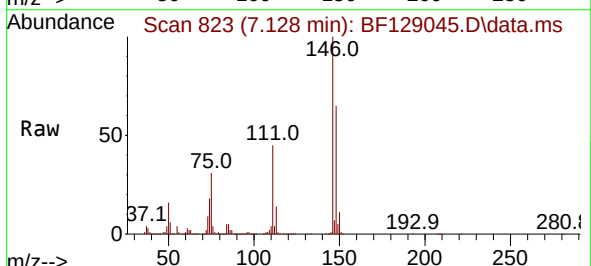
Tgt Ion:146 Resp: 133012
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 42.8 34.2 51.4

Manual Integrations
APPROVED

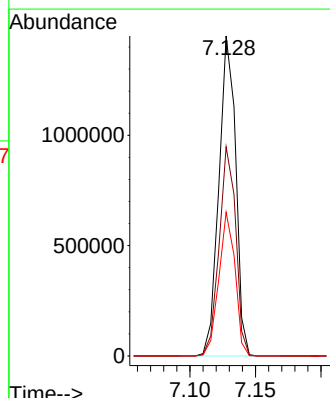
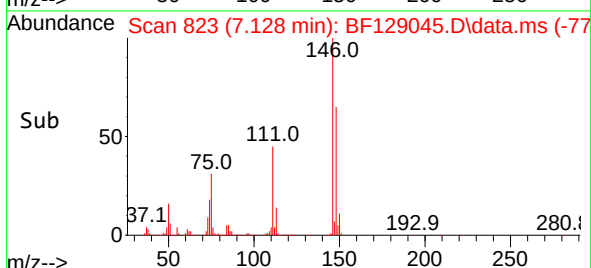
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

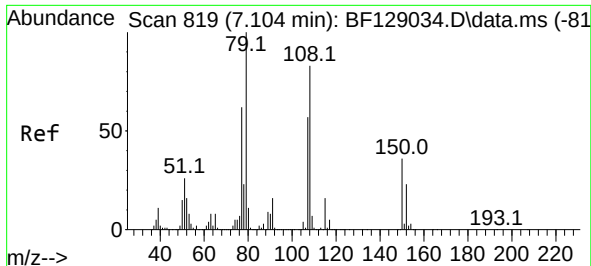


#14
1,2-Dichlorobenzene
Concen: 43.069 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



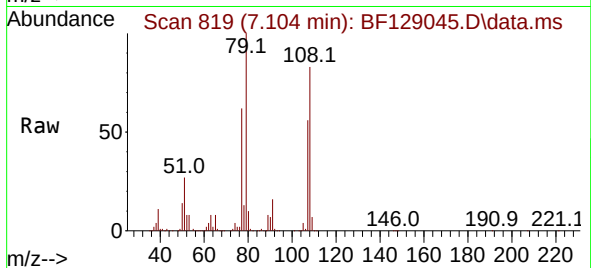
Tgt Ion:146 Resp: 1290648
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
111 44.9 35.1 52.7





#15
Benzyl Alcohol
Concen: 42.718 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

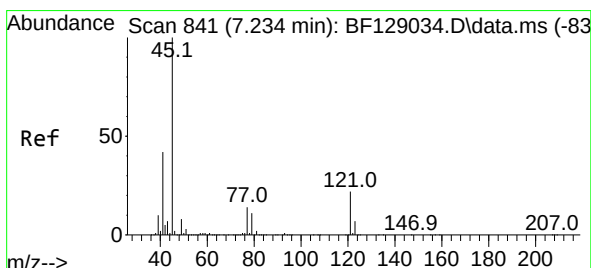
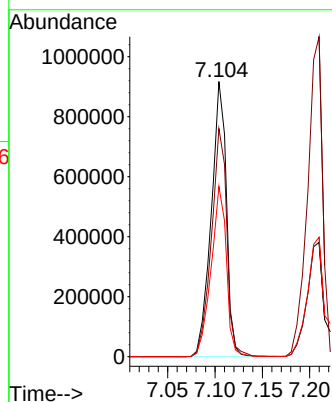
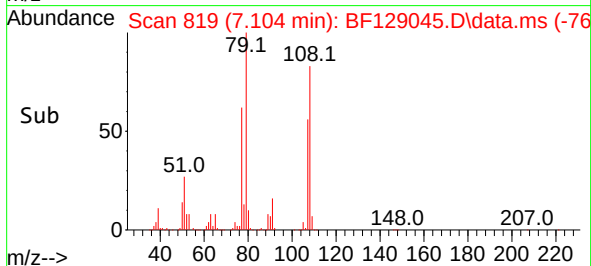
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion: 79 Resp: 101981
Ion Ratio Lower Upper
79 100
108 82.9 61.8 92.6
77 61.9 50.2 75.4

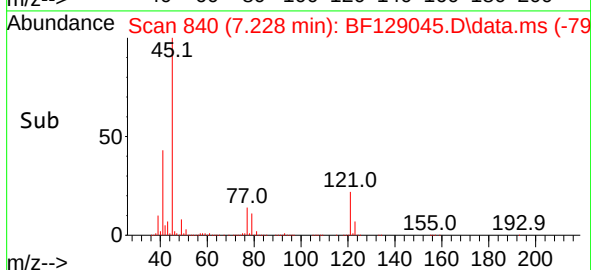
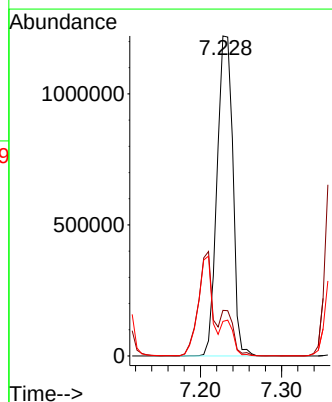
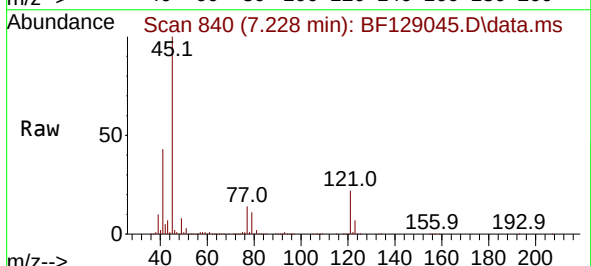
Manual Integrations
APPROVED

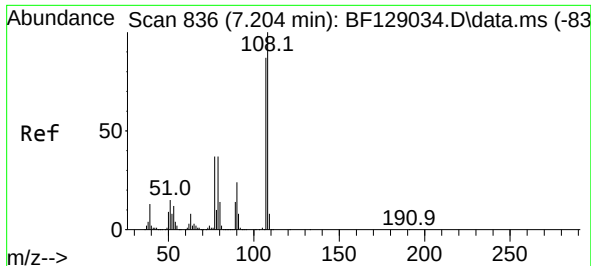
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.280 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

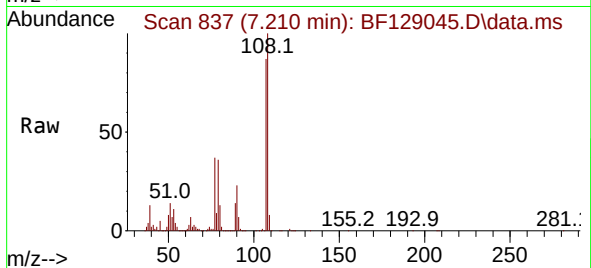
Tgt Ion: 45 Resp: 1643555
Ion Ratio Lower Upper
45 100
77 14.3 0.0 31.3
79 10.8 0.0 28.3





#17
2-Methylphenol
Concen: 43.638 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

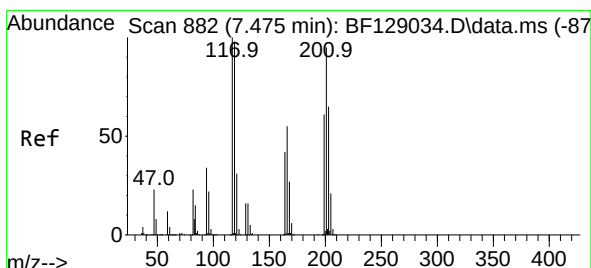
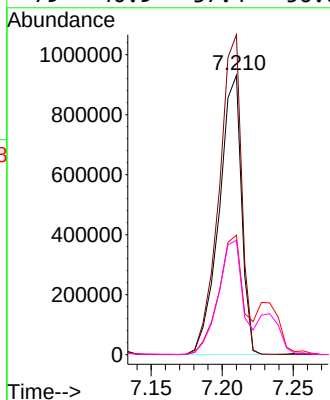
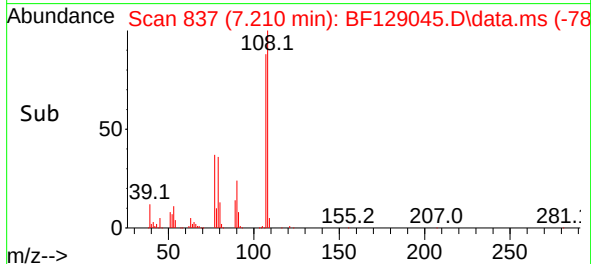
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion:107 Resp: 101949
Ion Ratio Lower Upper
107 100
108 114.5 91.9 137.9
77 42.8 37.8 56.8
79 40.9 37.4 56.0

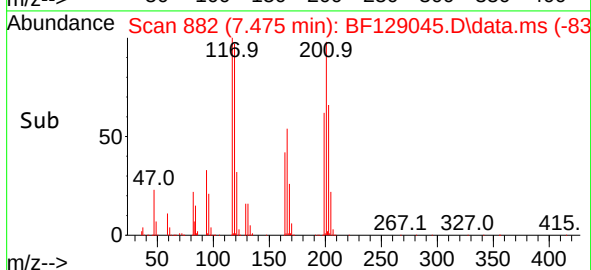
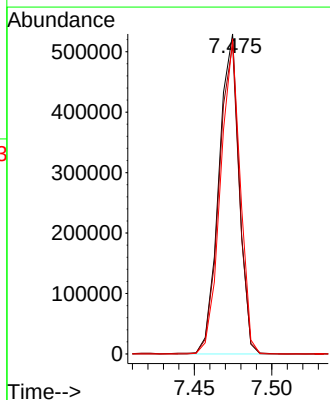
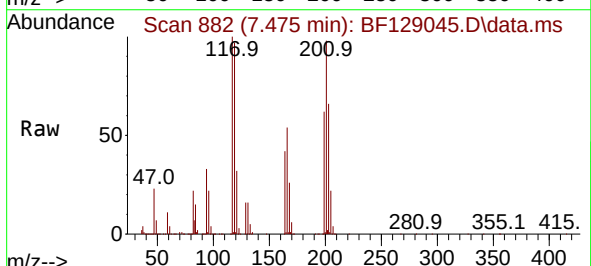
Manual Integrations
APPROVED

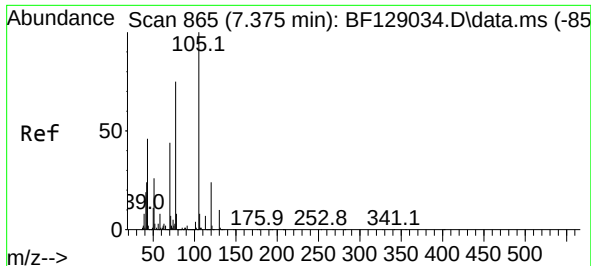
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 42.947 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

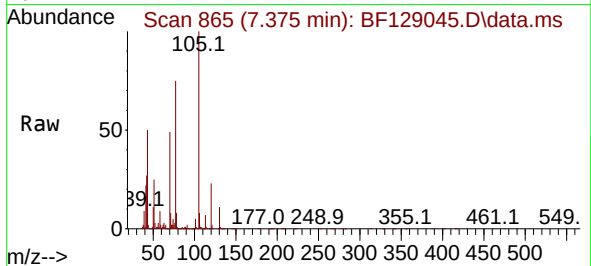
Tgt Ion:117 Resp: 480653
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.2
201 98.5 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.514 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

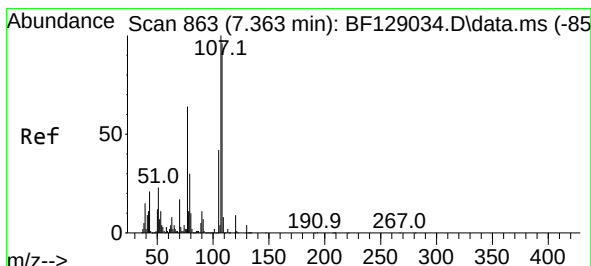
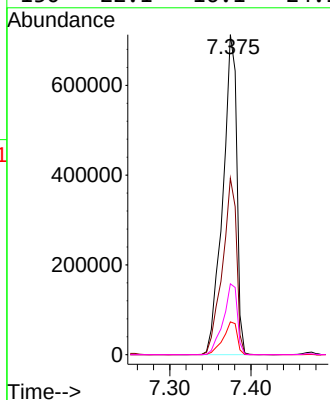
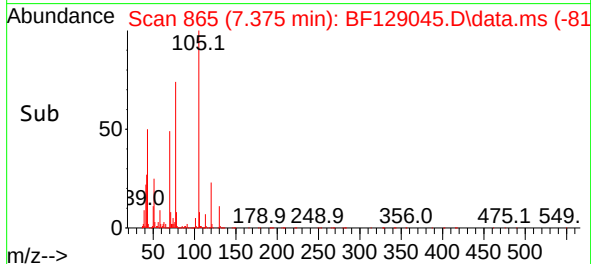
Instrument :
BNA_F
ClientSampleId :
PB145742BS



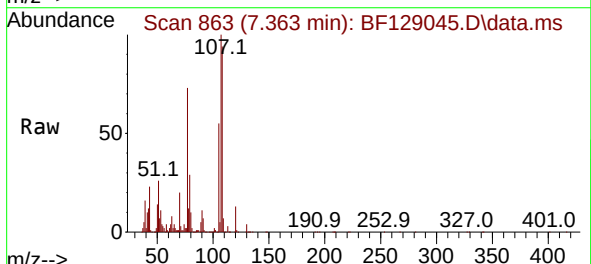
Tgt Ion: 70 Resp: 85432
Ion Ratio Lower Upper
70 100
42 55.2 52.3 78.5
101 10.2 7.5 11.3
130 22.1 16.1 24.1

Manual Integrations
APPROVED

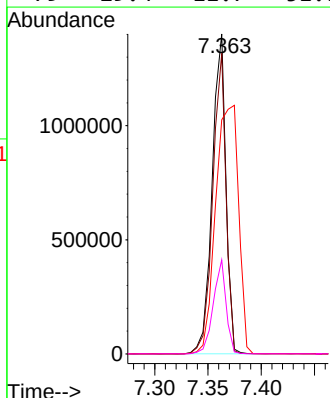
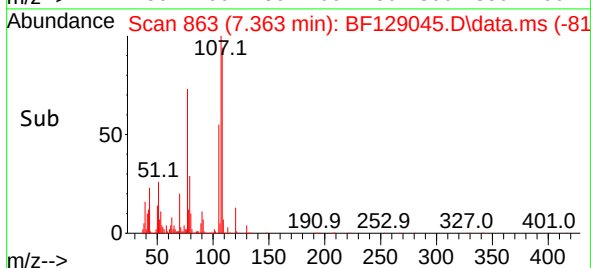
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

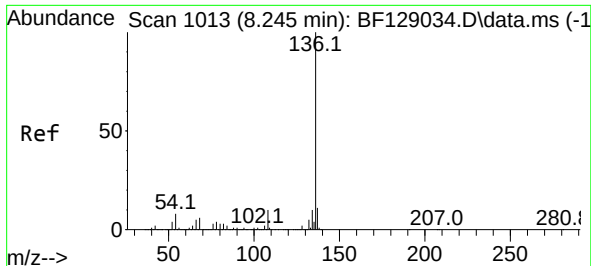


#20
3+4-Methylphenols
Concen: 42.208 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:107 Resp: 1253969
Ion Ratio Lower Upper
107 100
108 93.9 71.8 111.8
77 73.1 59.3 99.3
79 29.4 11.7 51.7





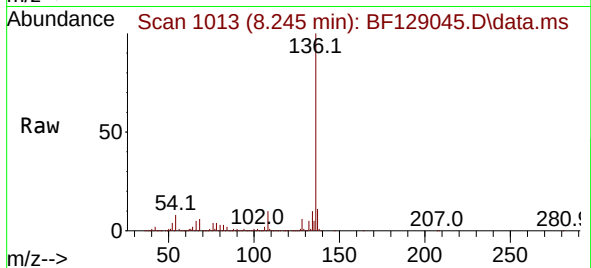
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

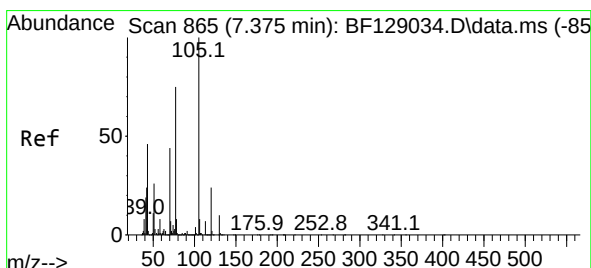
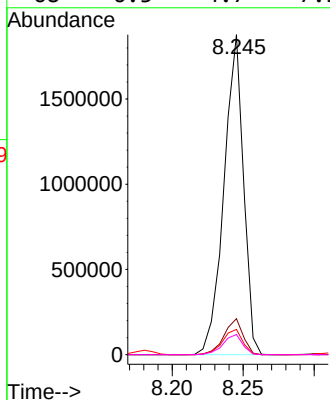
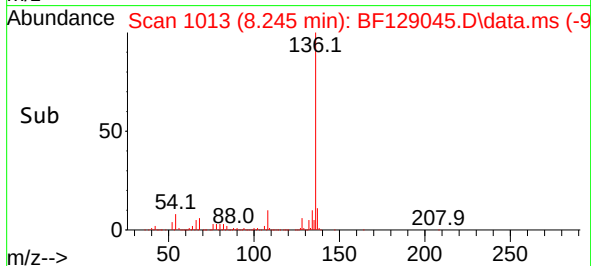


Tgt Ion:136 Resp: 1792533
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.9 7.5 11.3
68 6.3 4.7 7.1

Manual Integrations

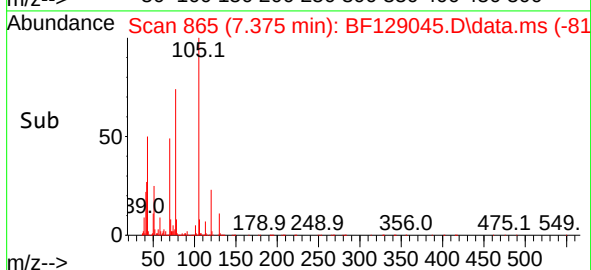
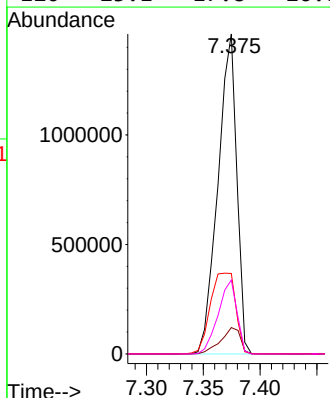
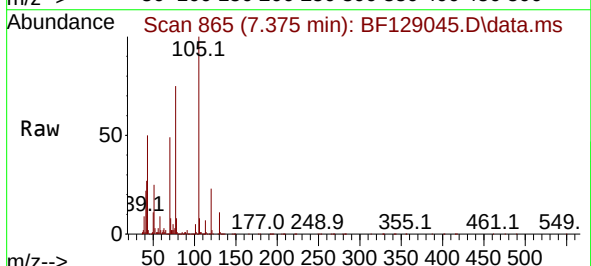
APPROVED

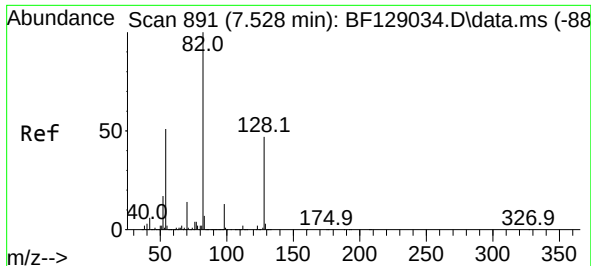
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 41.011 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:105 Resp: 1686390
Ion Ratio Lower Upper
105 100
71 8.3 5.0 7.4#
51 25.1 25.0 37.4
120 23.1 17.8 26.8





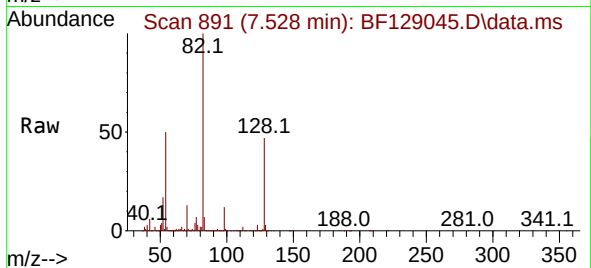
#23
Nitrobenzene-d5
Concen: 78.527 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

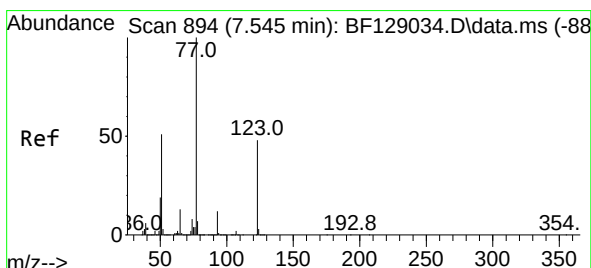
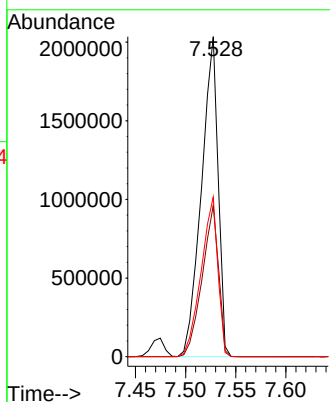
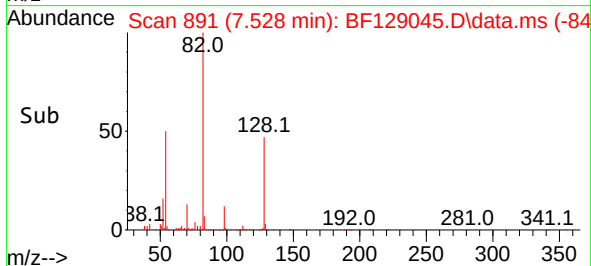


Tgt Ion: 82 Resp: 2359958
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 49.9 46.9 70.3

Manual Integrations

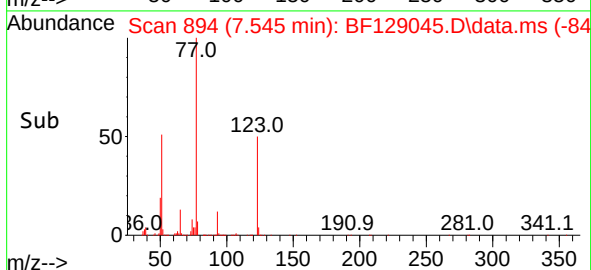
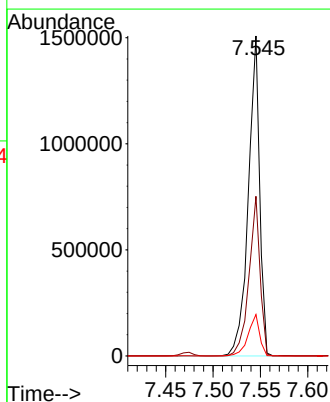
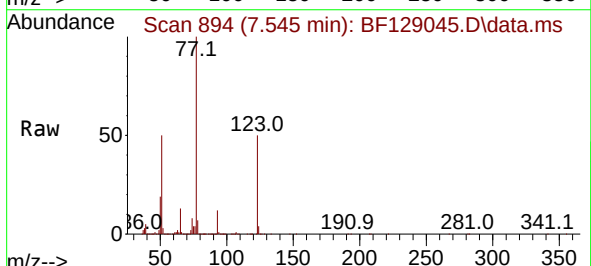
APPROVED

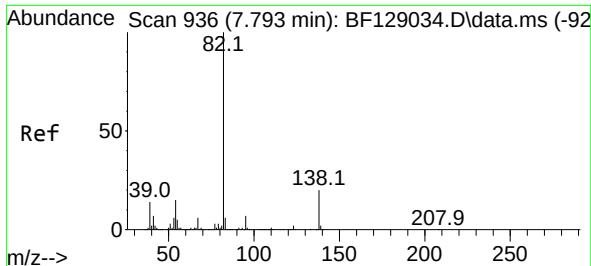
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#24
Nitrobenzene
Concen: 43.228 ng
RT: 7.545 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

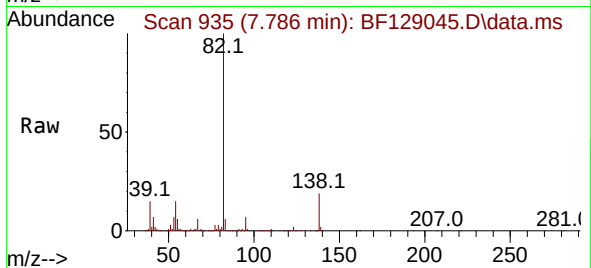
Tgt Ion: 77 Resp: 1256985
Ion Ratio Lower Upper
77 100
123 49.9 35.4 53.2
65 13.0 11.8 17.8





#25
Isophorone
Concen: 45.332 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

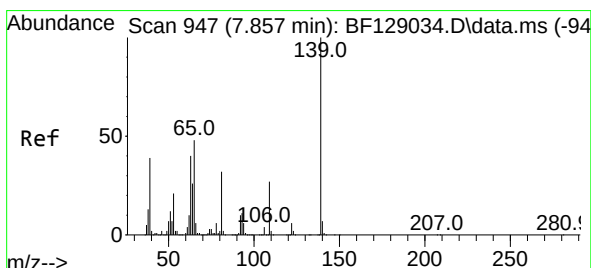
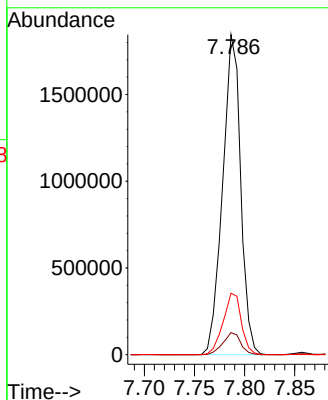
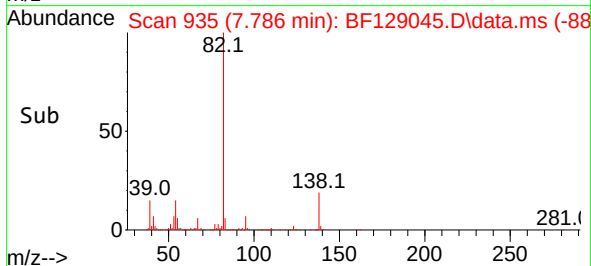
Instrument :
BNA_F
ClientSampleId :
PB145742BS



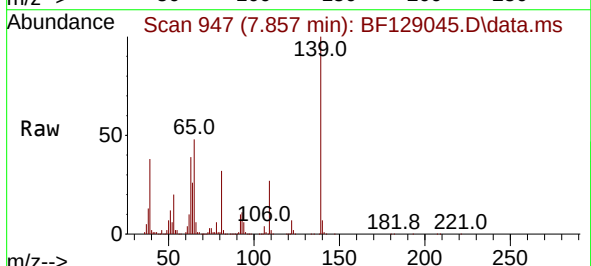
Tgt Ion: 82 Resp: 2302418
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.2 14.2 21.2

Manual Integrations
APPROVED

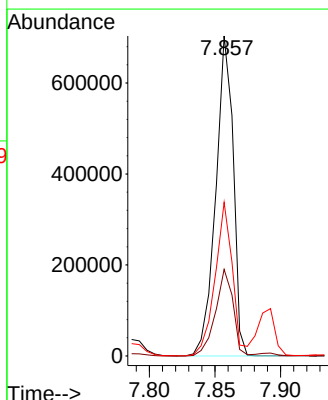
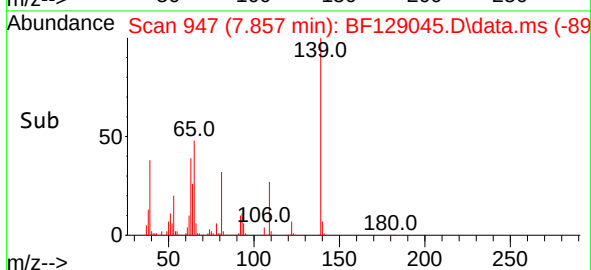
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

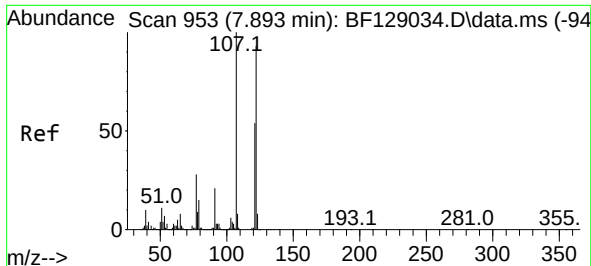


#26
2-Nitrophenol
Concen: 48.152 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:139 Resp: 650728
Ion Ratio Lower Upper
139 100
109 27.0 25.0 37.4
65 48.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.378 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129045.D

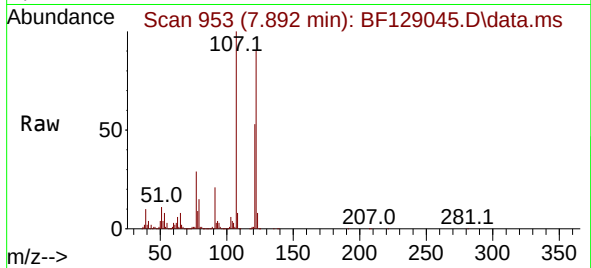
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS



Tgt Ion:122 Resp: 1180330

Ion Ratio Lower Upper

122 100

107 111.0 93.0 139.6

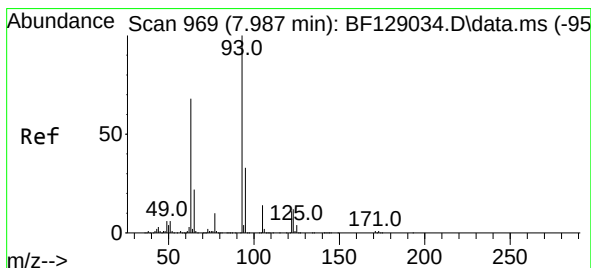
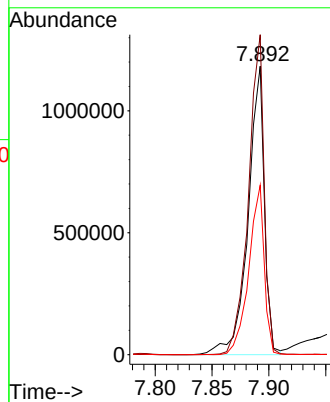
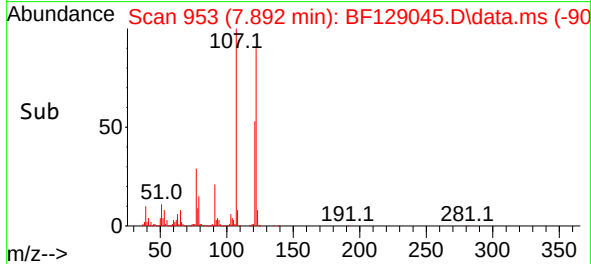
121 58.7 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.046 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

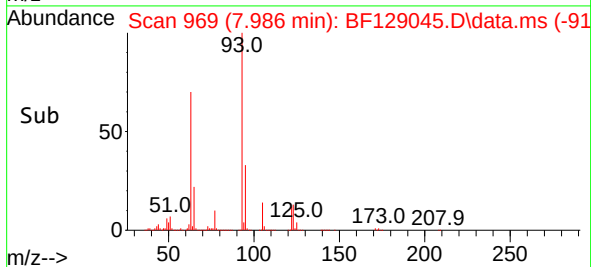
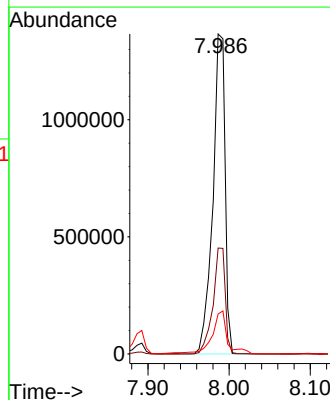
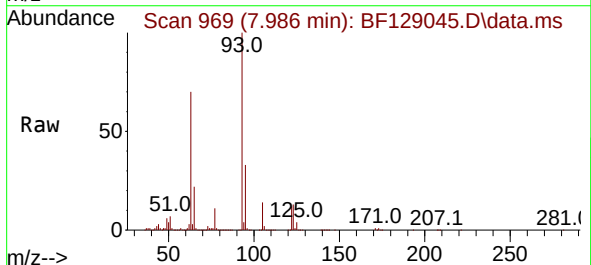
Tgt Ion: 93 Resp: 1431758

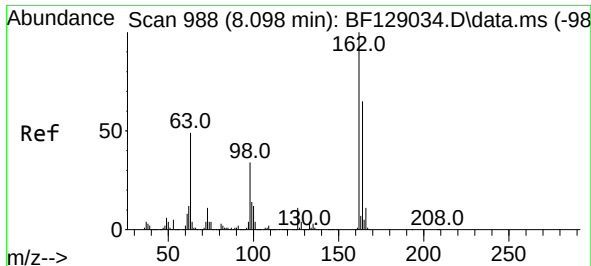
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 12.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.907 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

Tgt Ion:162 Resp: 104288

Ion Ratio Lower Upper

162 100

164 64.3 44.2 84.2

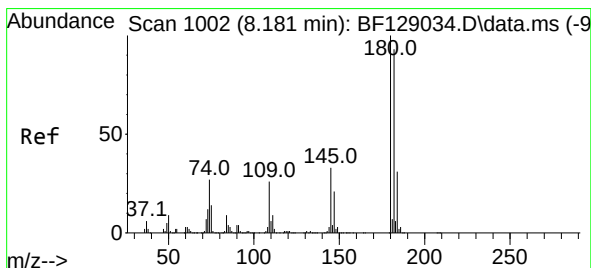
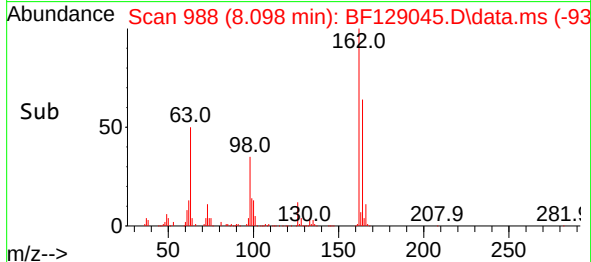
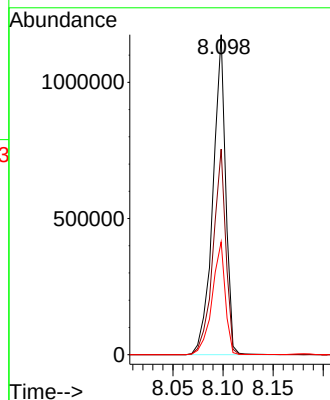
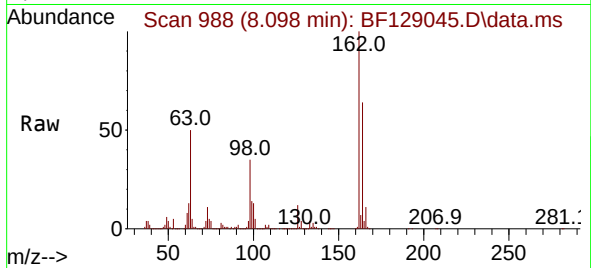
98 35.3 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.188 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

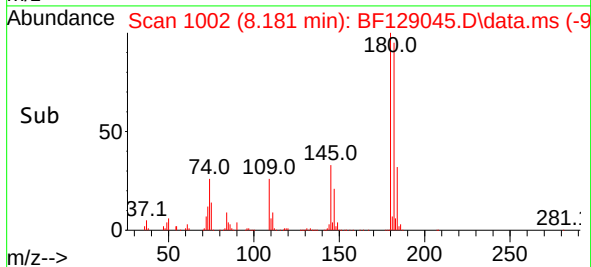
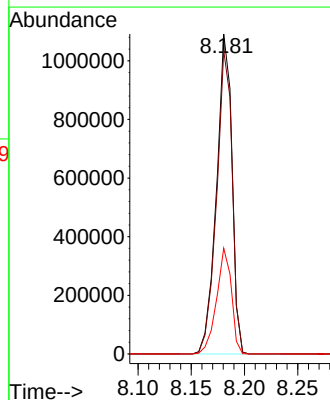
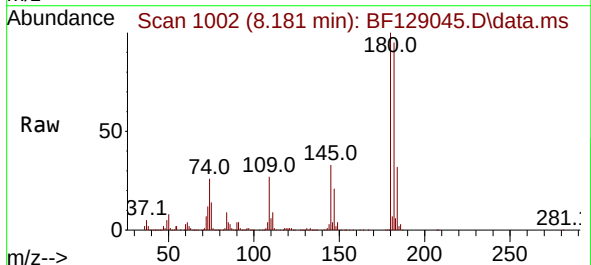
Tgt Ion:180 Resp: 1100522

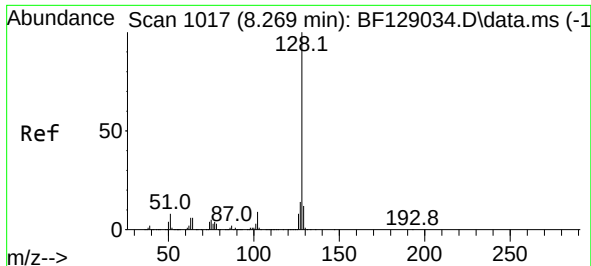
Ion Ratio Lower Upper

180 100

182 94.8 79.2 118.8

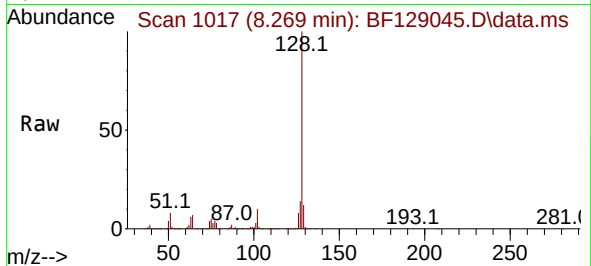
145 33.1 26.2 39.2





#31
Naphthalene
Concen: 41.086 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

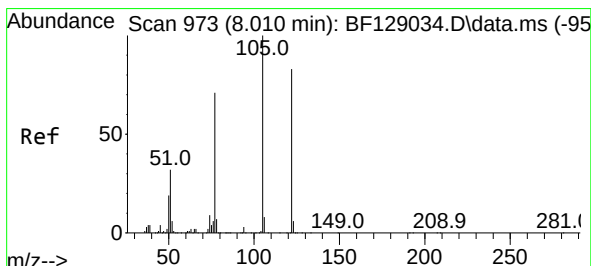
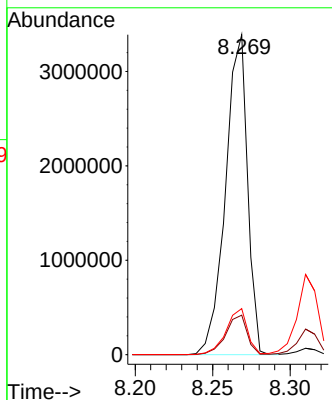
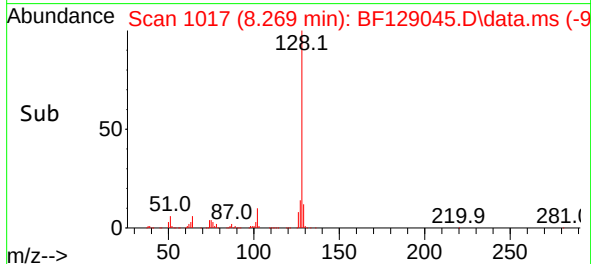
Instrument :
BNA_F
ClientSampleId :
PB145742BS



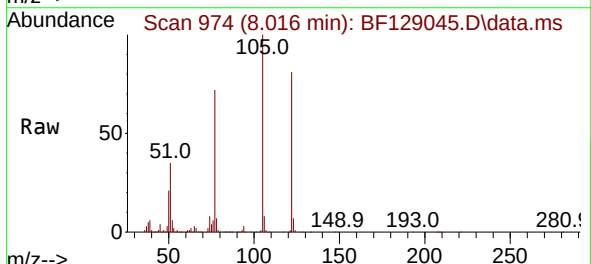
Tgt Ion:128 Resp: 334341
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.4 10.5 15.7

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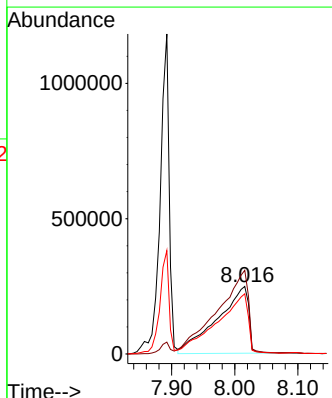
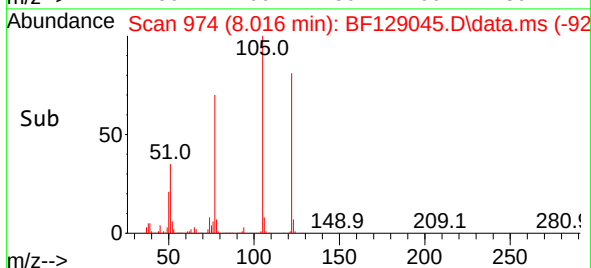
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

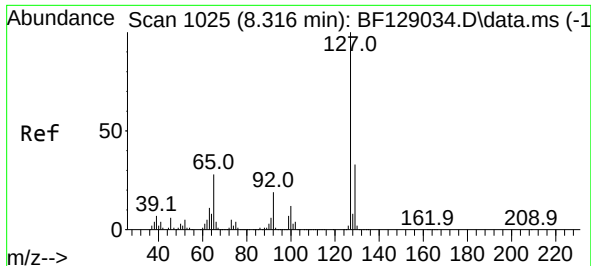


#32
Benzoic acid
Concen: 43.512 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:122 Resp: 851739
Ion Ratio Lower Upper
122 100
105 124.1 107.1 147.1
77 89.2 74.2 114.2





#33

4-Chloroaniline

Concen: 24.520 ng

RT: 8.310 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

Tgt Ion:127 Resp: 804020

Ion Ratio Lower Upper

127 100

129 32.0 26.4 39.6

65 30.4 26.4 39.6

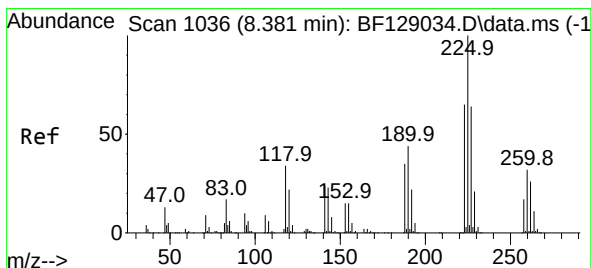
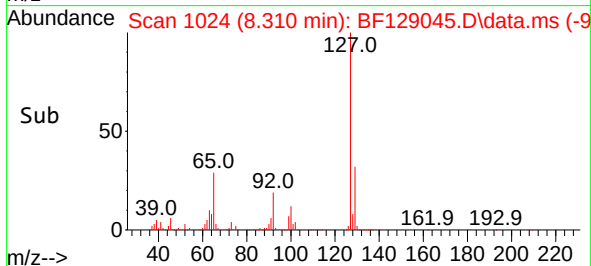
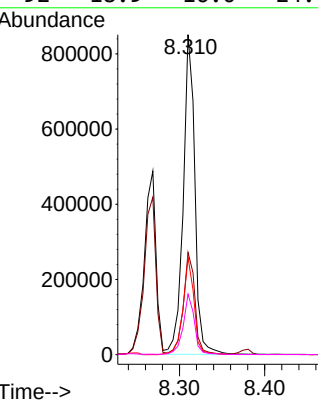
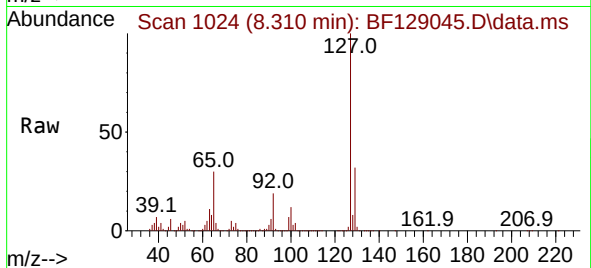
92 18.9 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#34

Hexachlorobutadiene

Concen: 40.000 ng

RT: 8.380 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

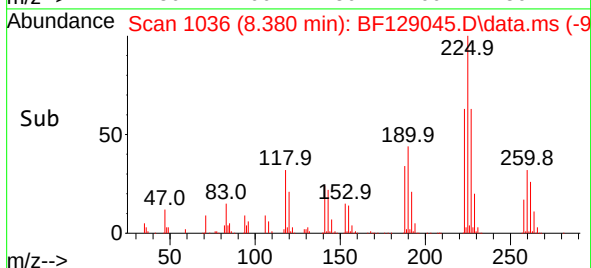
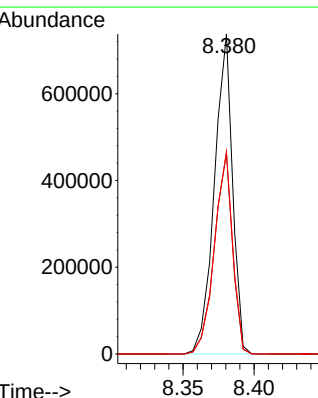
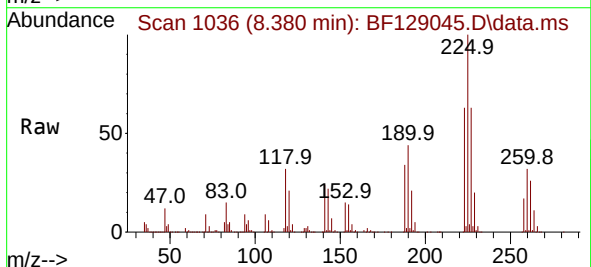
Tgt Ion:225 Resp: 654063

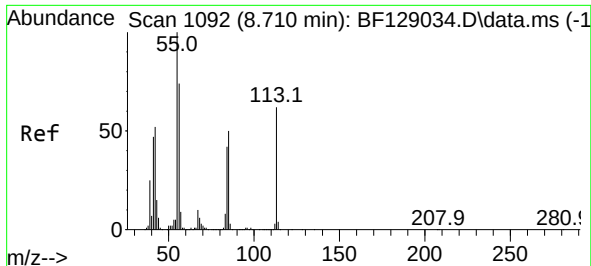
Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.6

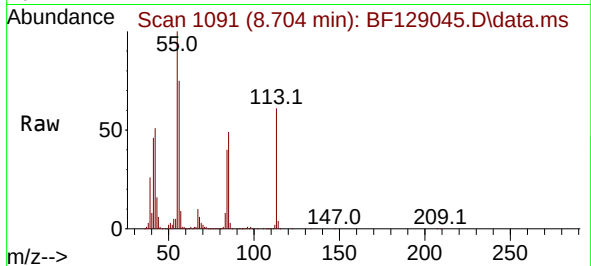
227 63.3 51.1 76.7





#35
Caprolactam
Concen: 40.093 ng m
RT: 8.704 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

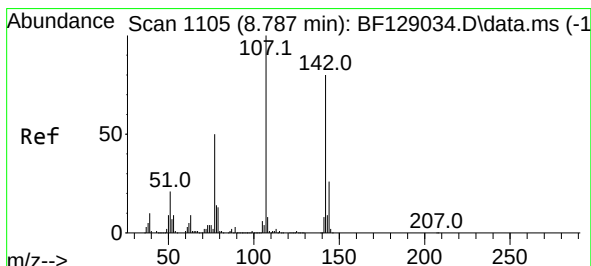
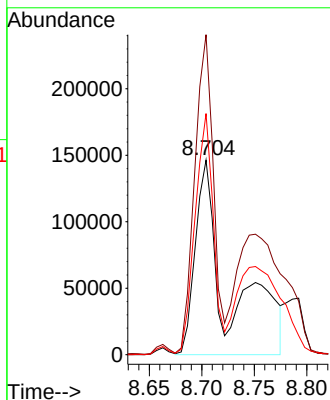
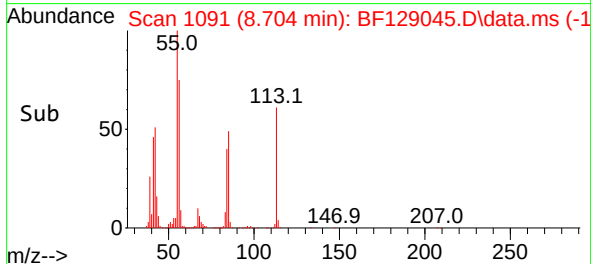
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion:113 Resp: 31638
Ion Ratio Lower Upper
113 100
55 164.5 188.5 228.5
56 123.9 130.6 170.6

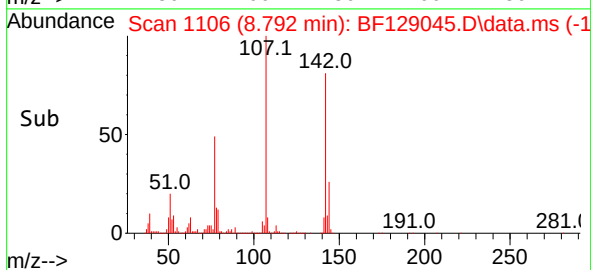
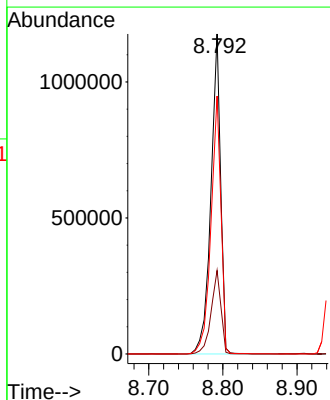
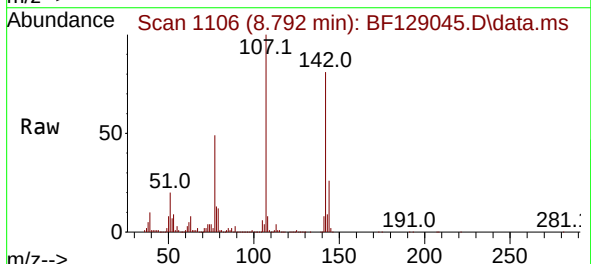
Manual Integrations
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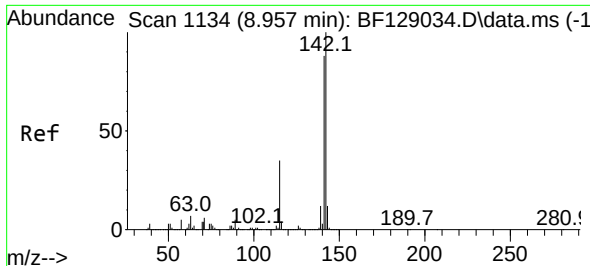
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#36
4-Chloro-3-methylphenol
Concen: 42.489 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:107 Resp: 1074292
Ion Ratio Lower Upper
107 100
144 26.1 19.5 29.3
142 80.6 58.2 87.4





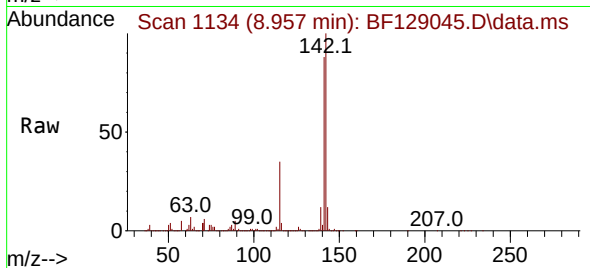
#37
2-Methylnaphthalene
Concen: 41.551 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

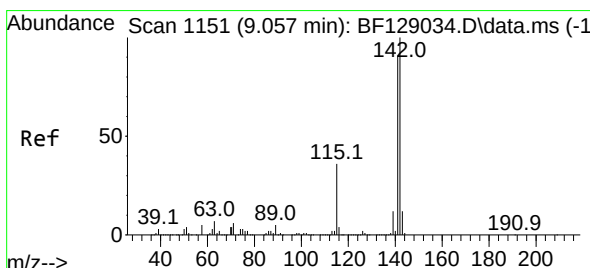
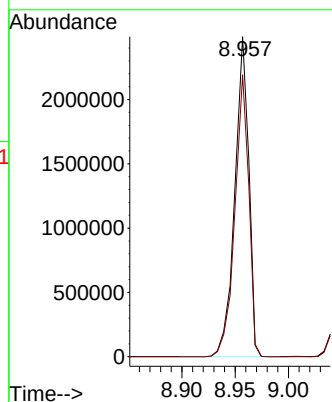
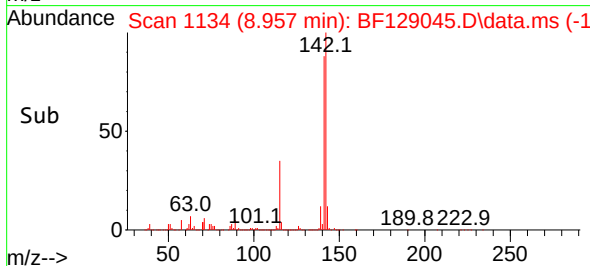


Tgt Ion:142 Resp: 227522
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4

Manual Integrations

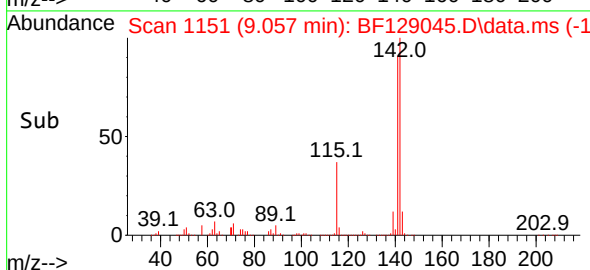
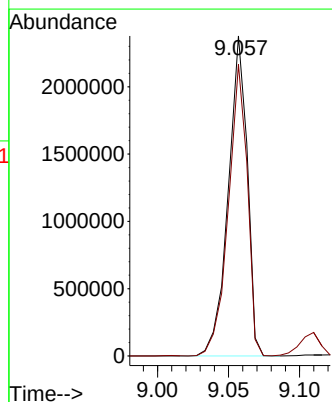
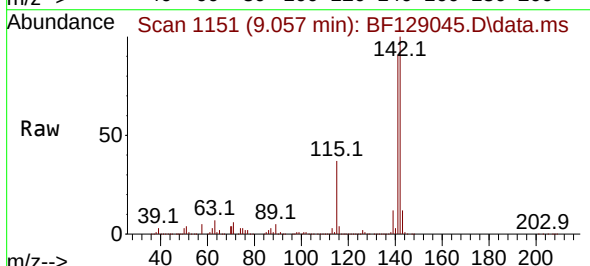
APPROVED

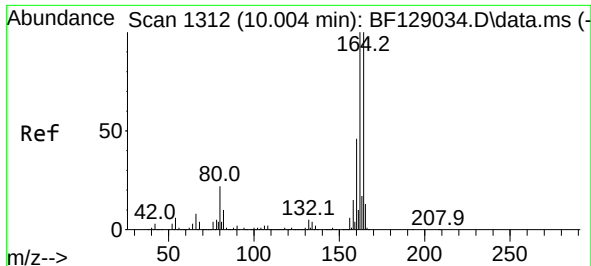
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#38
1-Methylnaphthalene
Concen: 41.459 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

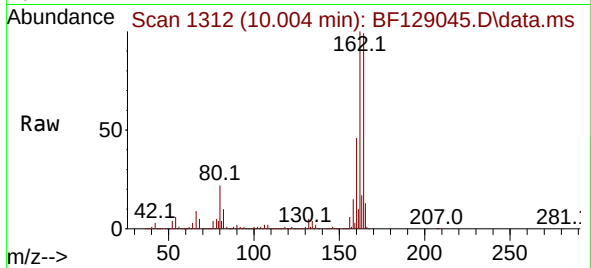
Tgt Ion:142 Resp: 2204652
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

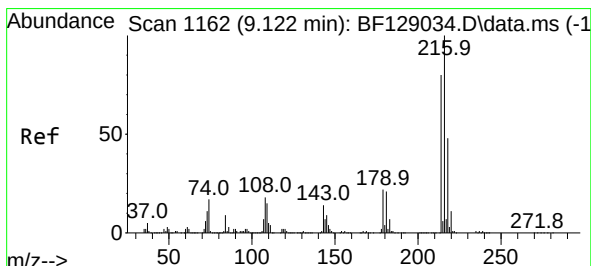
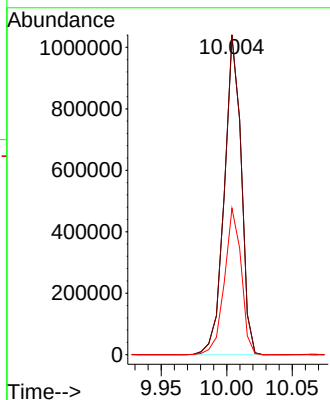
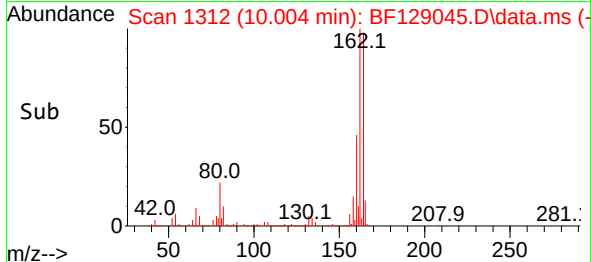
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion:164 Resp: 925733
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 46.1 34.2 51.4

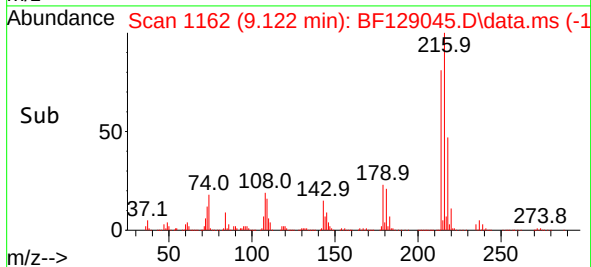
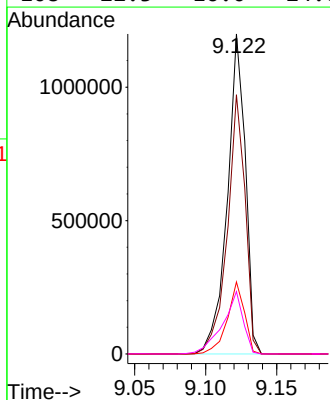
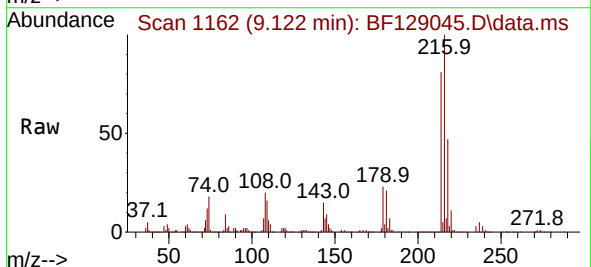
Manual Integrations
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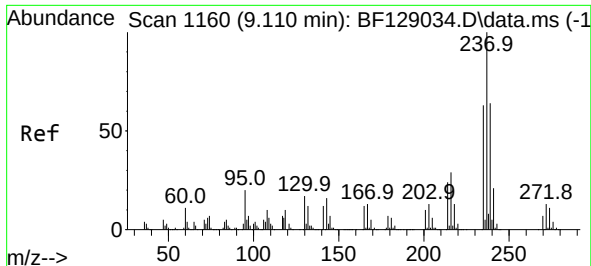
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.765 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

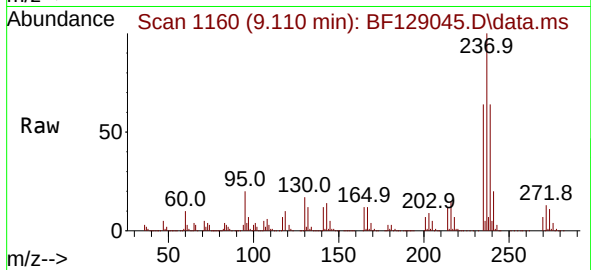
Tgt Ion:216 Resp: 1060735
Ion Ratio Lower Upper
216 100
214 79.7 63.6 95.4
179 21.5 17.0 25.6
108 22.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 98.571 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

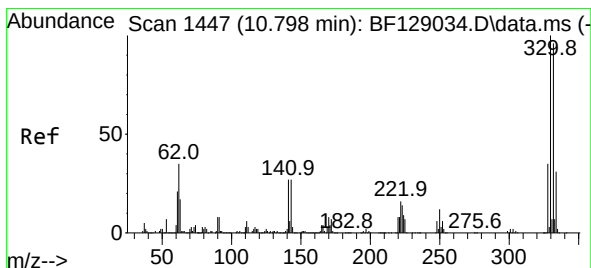
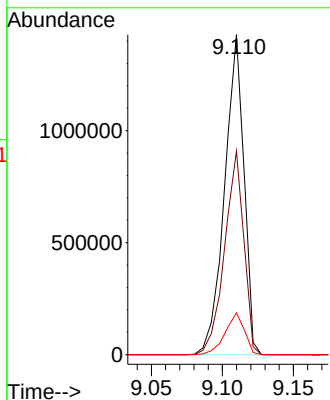
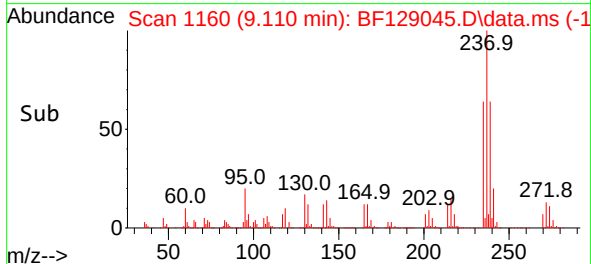
Instrument :
BNA_F
ClientSampleId :
PB145742BS



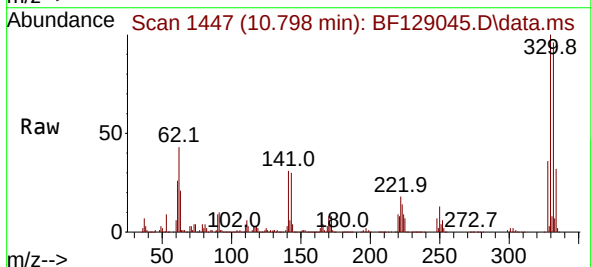
Tgt Ion:237 Resp: 1353890
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 13.1 0.0 31.9

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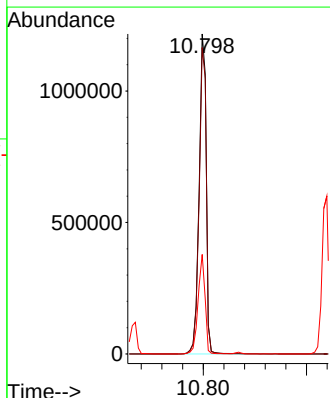
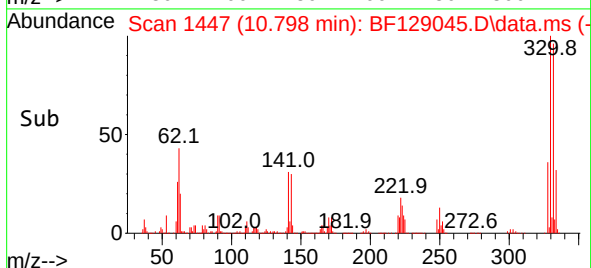
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

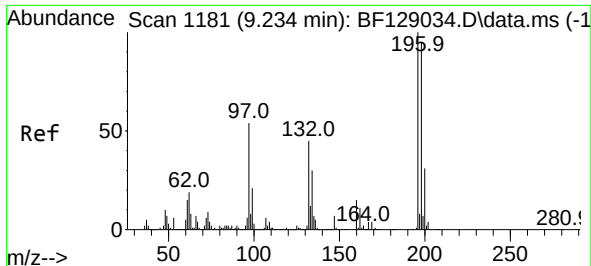


#42
2,4,6-Tribromophenol
Concen: 115.373 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:330 Resp: 1161345
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 30.5 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 42.857 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

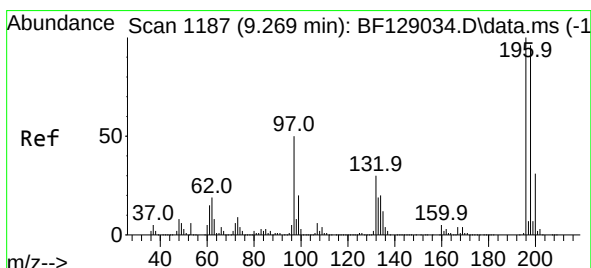
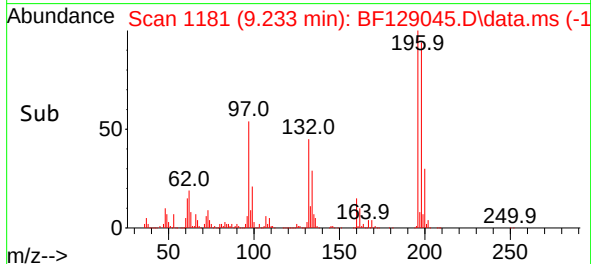
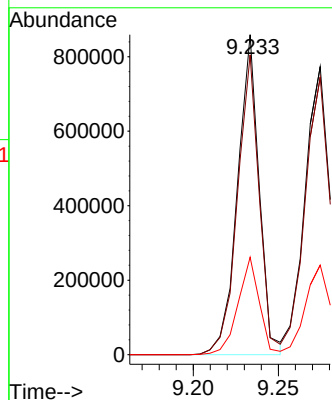
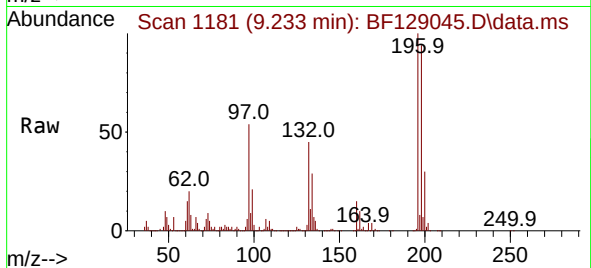
PB145742BS

Tgt Ion:196 Resp: 759590
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.0 111.0
 200 30.4 24.1 36.1

Manual Integrations

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Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#44

2,4,5-Trichlorophenol

Concen: 41.374 ng

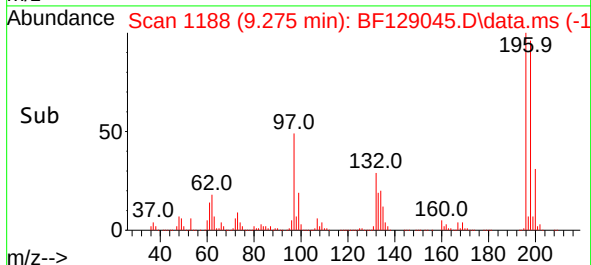
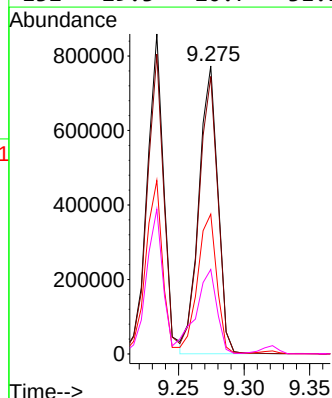
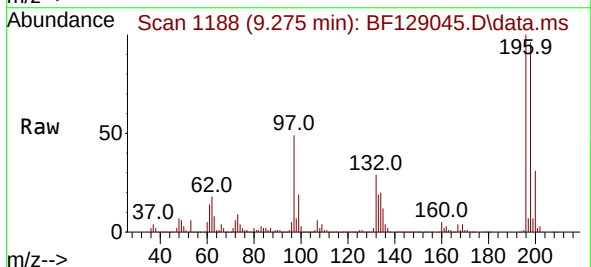
RT: 9.275 min Scan# 1188

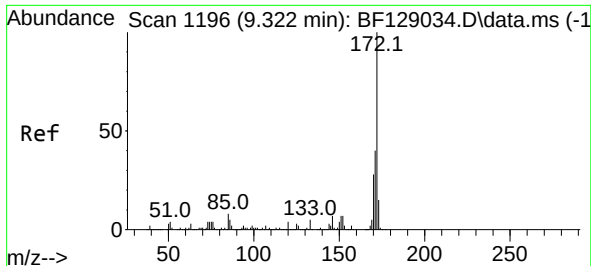
Delta R.T. 0.006 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

Tgt Ion:196 Resp: 780006
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 97 48.5 36.4 54.6
 132 29.3 20.7 31.1





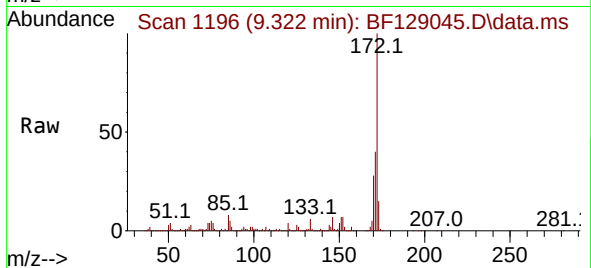
#45
2-Fluorobiphenyl
Concen: 70.432 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

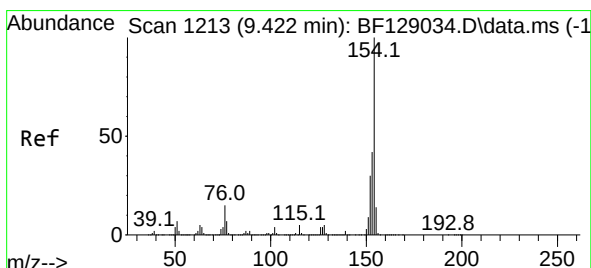
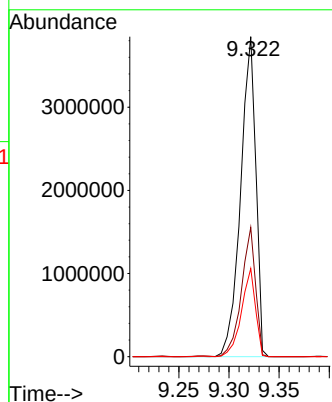
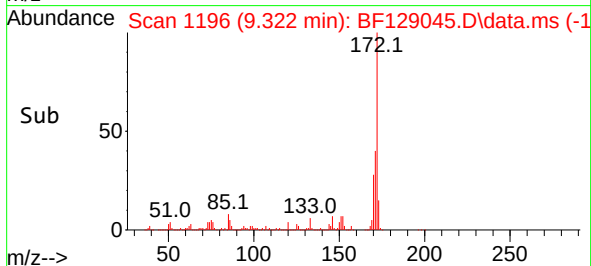


Tgt Ion:172 Resp: 407563
Ion Ratio Lower Upper
172 100
171 40.4 28.8 43.2
170 27.5 19.8 29.8

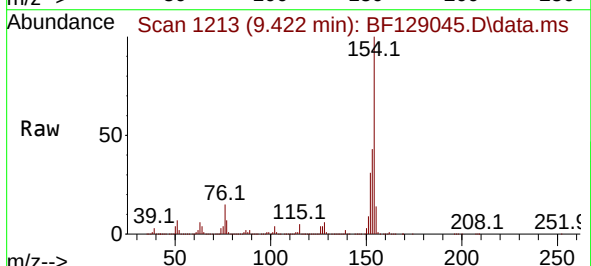
Manual Integrations

APPROVED

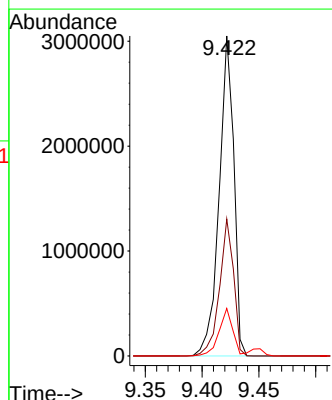
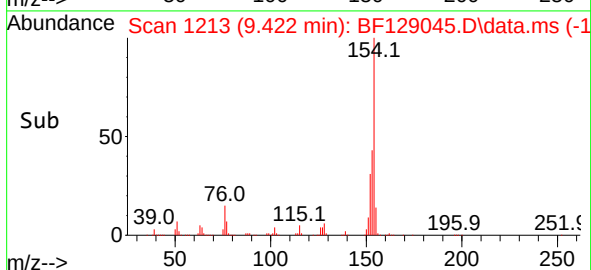
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

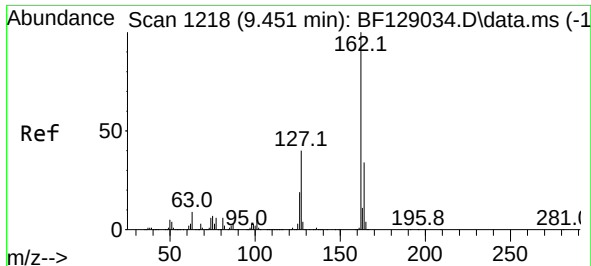


#46
1,1'-Biphenyl
Concen: 41.332 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:154 Resp: 2750802
Ion Ratio Lower Upper
154 100
153 42.8 20.6 60.6
76 14.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.973 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF129045.D

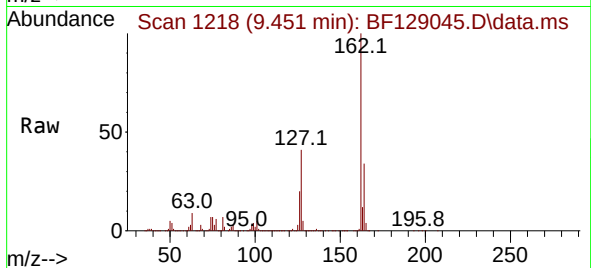
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS



Tgt Ion:162 Resp: 210578

Ion Ratio Lower Upper

162 100

127 41.4 34.5 51.7

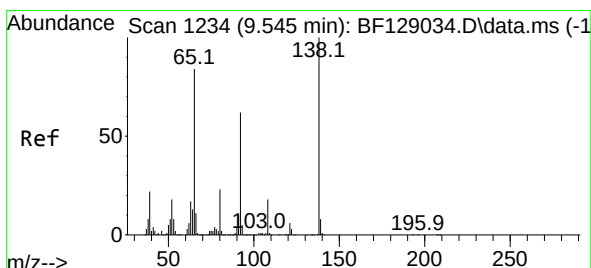
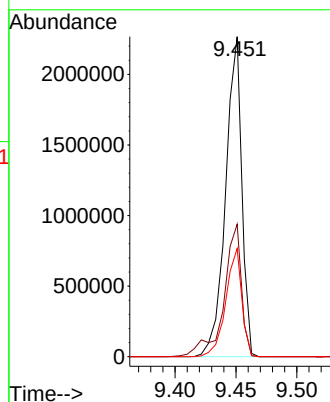
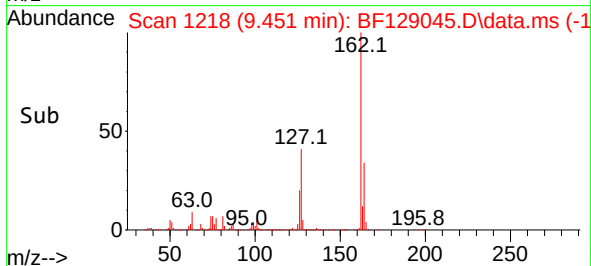
164 33.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#48

2-Nitroaniline

Concen: 46.469 ng

RT: 9.545 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

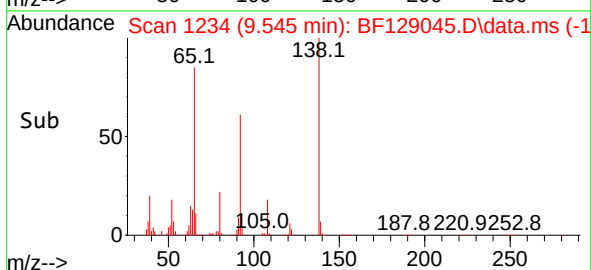
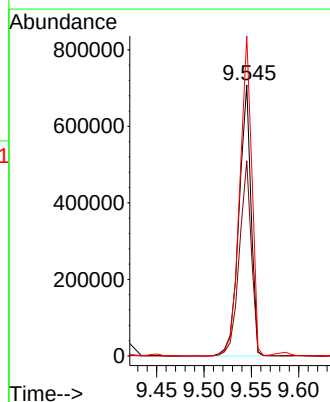
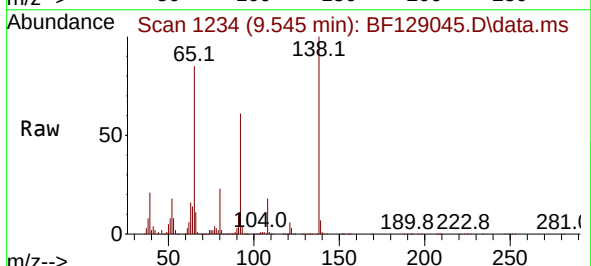
Tgt Ion: 65 Resp: 629024

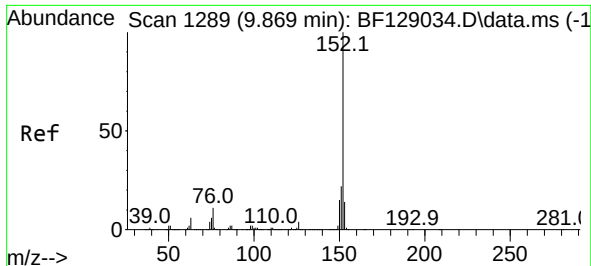
Ion Ratio Lower Upper

65 100

92 72.0 51.9 77.9

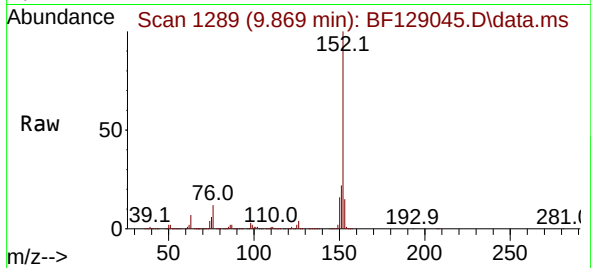
138 118.0 76.4 114.6#





#49
Acenaphthylene
Concen: 43.057 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

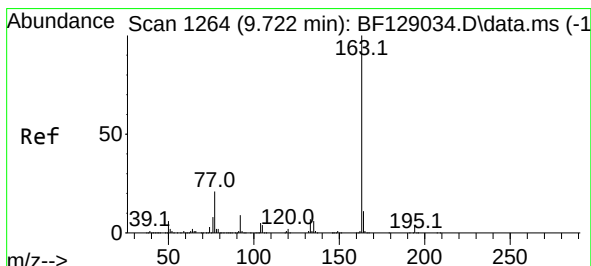
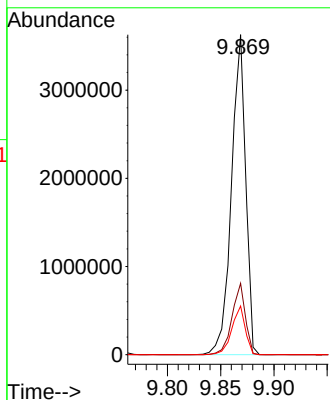
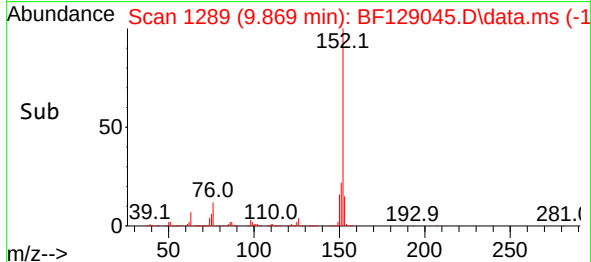
Instrument :
BNA_F
ClientSampleId :
PB145742BS



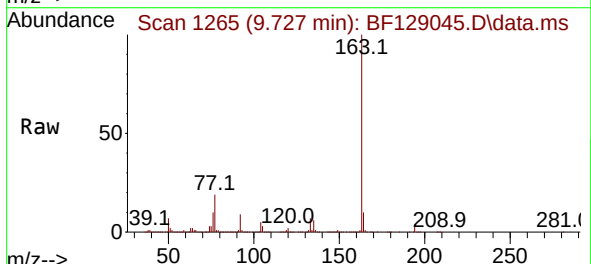
Tgt Ion:152 Resp: 336250
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.4
153 15.2 10.7 16.1

Manual Integrations
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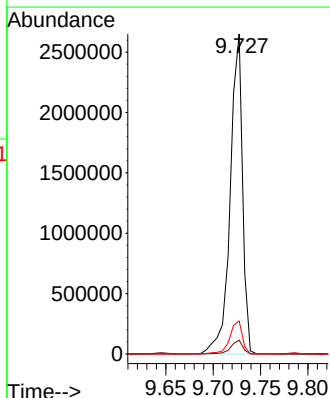
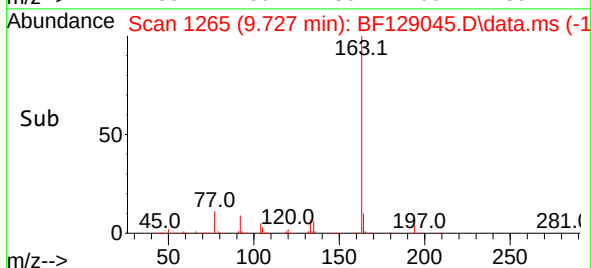
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

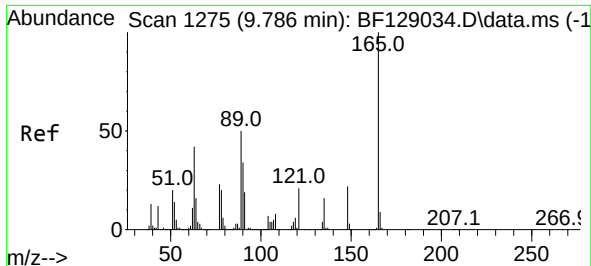


#50
Dimethylphthalate
Concen: 41.534 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:163 Resp: 2405410
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.3 8.2 12.2





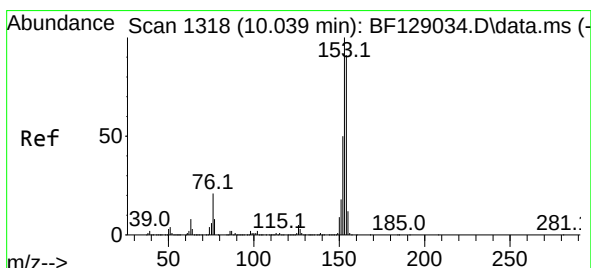
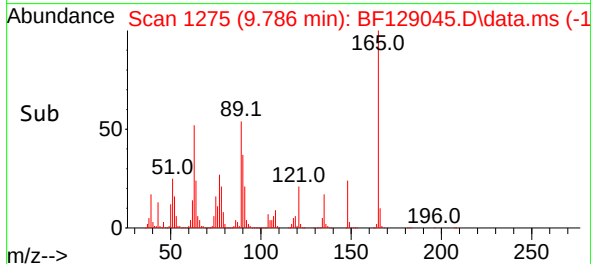
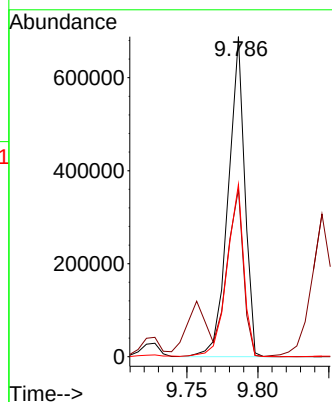
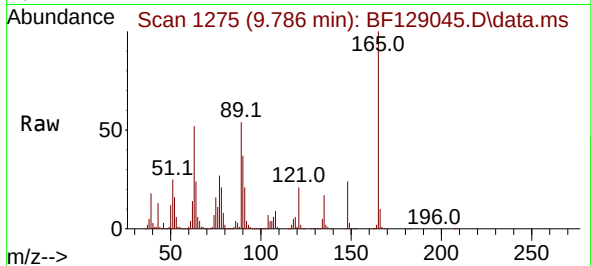
#51
2,6-Dinitrotoluene
Concen: 47.035 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Tgt Ion:165 Resp: 55663
Ion Ratio Lower Upper
165 100
63 52.3 44.9 67.3
89 53.8 43.6 65.4

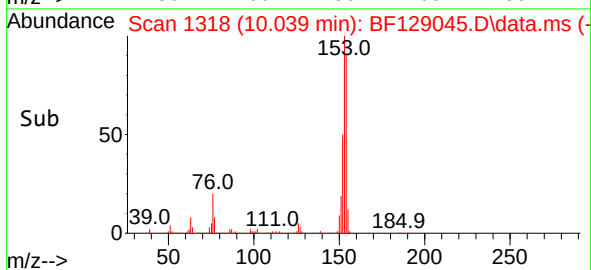
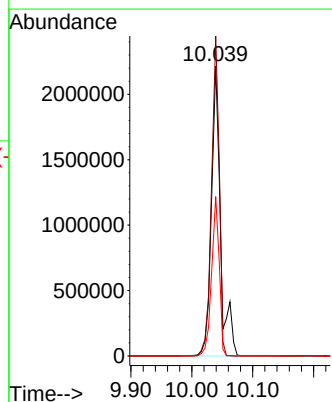
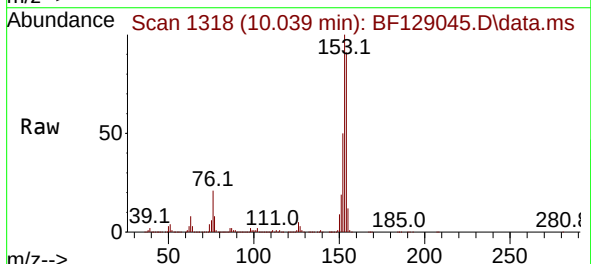
Manual Integrations
APPROVED

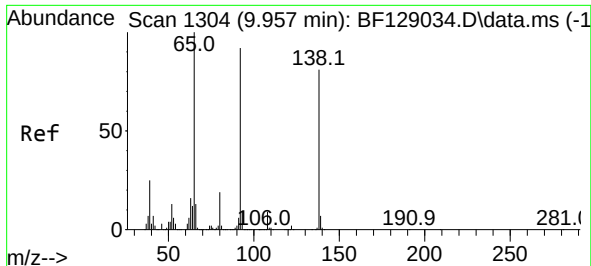
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#52
Acenaphthene
Concen: 45.368 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

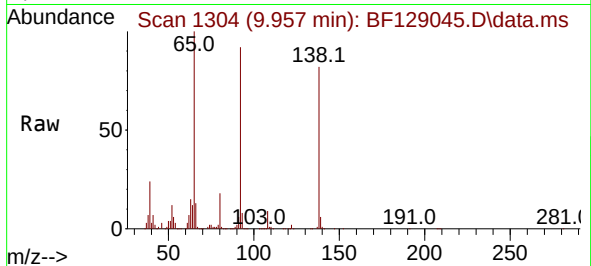
Tgt Ion:154 Resp: 2307818
Ion Ratio Lower Upper
154 100
153 110.3 89.6 134.4
152 54.9 42.4 63.6





#53
3-Nitroaniline
Concen: 31.607 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

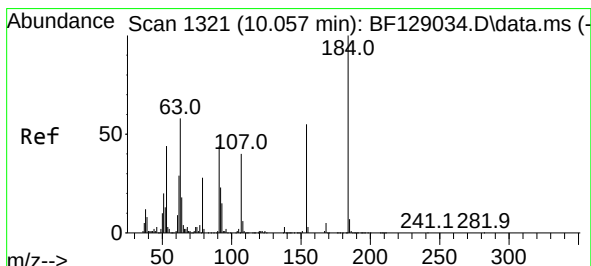
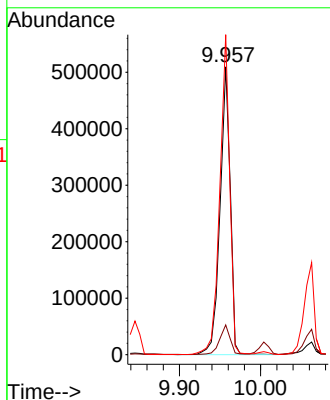
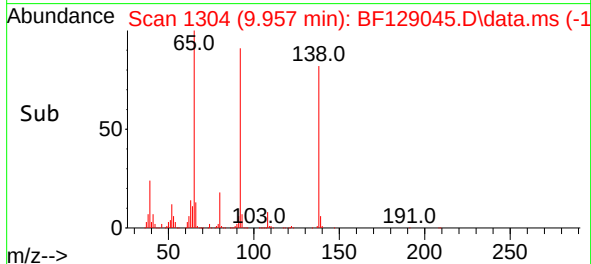
Instrument :
BNA_F
ClientSampleId :
PB145742BS



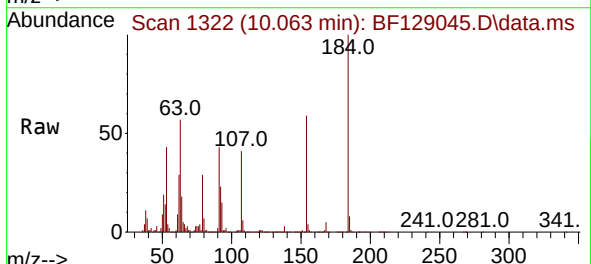
Tgt Ion:138 Resp: 446050
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3#
92 111.2 98.2 147.2

Manual Integrations
APPROVED

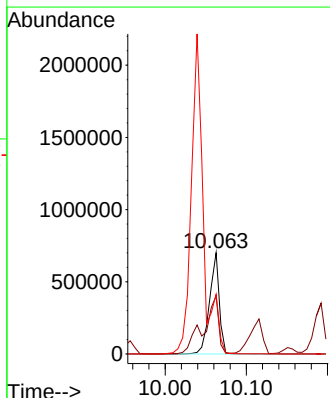
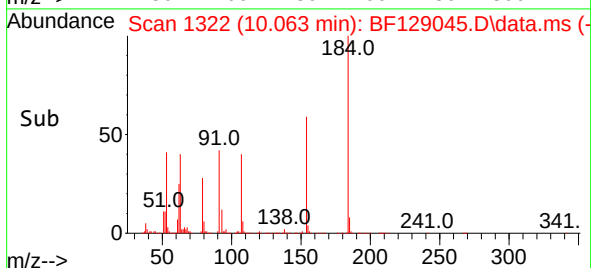
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

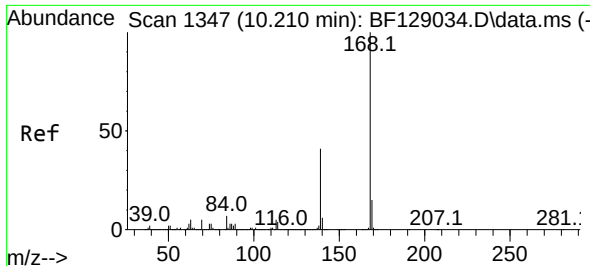


#54
2,4-Dinitrophenol
Concen: 89.967 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



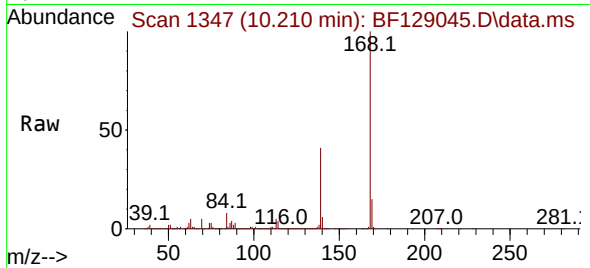
Tgt Ion:184 Resp: 581760
Ion Ratio Lower Upper
184 100
63 57.4 64.5 96.7#
154 58.8 50.6 75.8





#55
Dibenzenofuran
Concen: 40.296 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

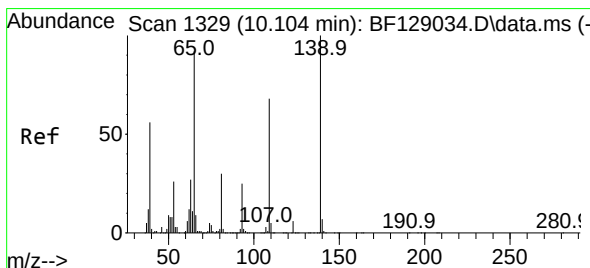
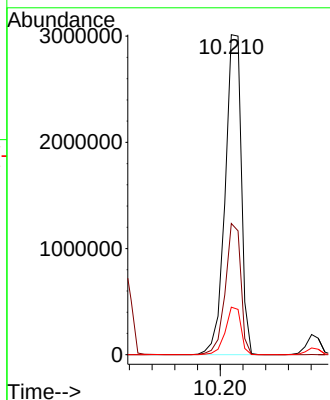
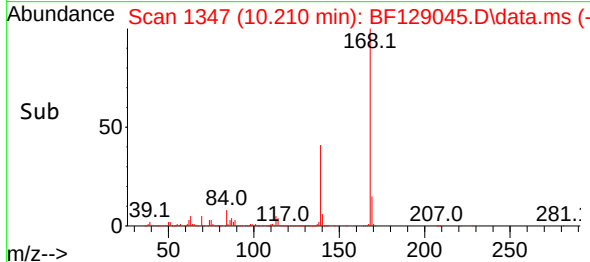
Instrument :
BNA_F
ClientSampleId :
PB145742BS



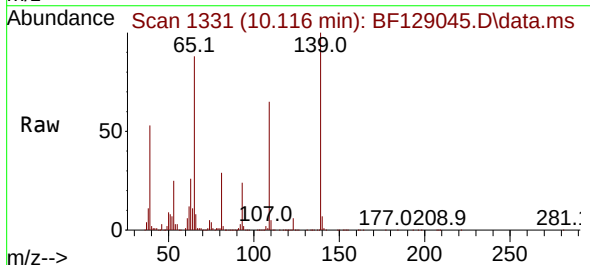
Tgt Ion:168 Resp: 298479
Ion Ratio Lower Upper
168 100
139 41.0 30.6 46.0
169 14.8 11.0 16.6

Manual Integrations
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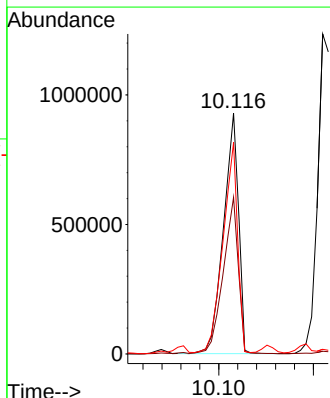
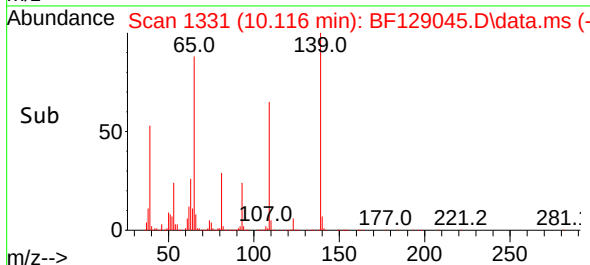
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

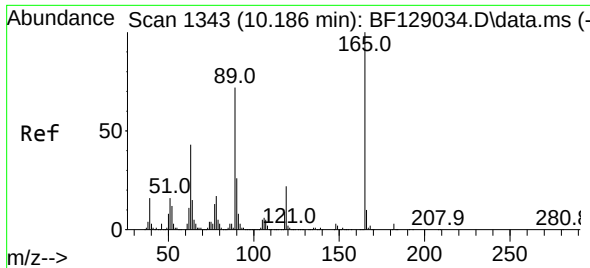


#56
4-Nitrophenol
Concen: 89.408 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:139 Resp: 1030946
Ion Ratio Lower Upper
139 100
109 65.1 50.7 90.7
65 87.9 74.5 114.5





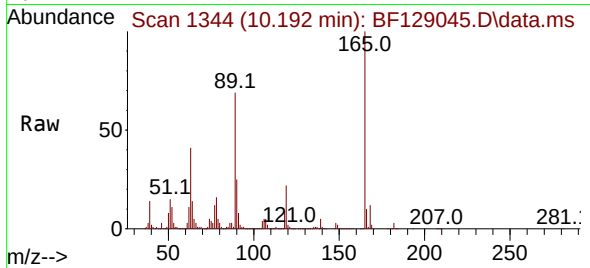
#57
2,4-Dinitrotoluene
Concen: 50.046 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

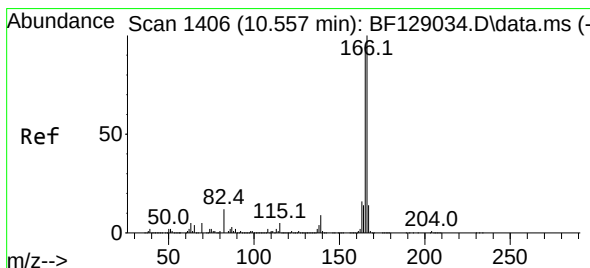
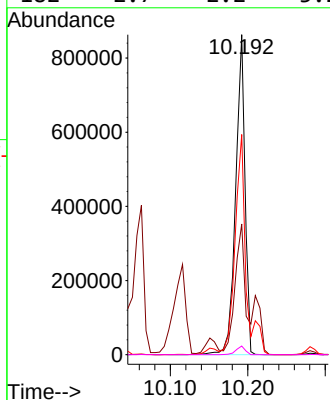
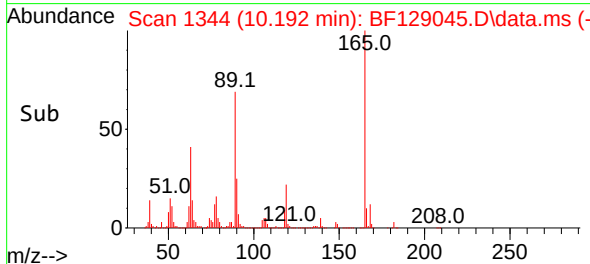


Tgt Ion:165 Resp: 731170
Ion Ratio Lower Upper
165 100
63 40.8 39.8 59.6
89 68.8 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations

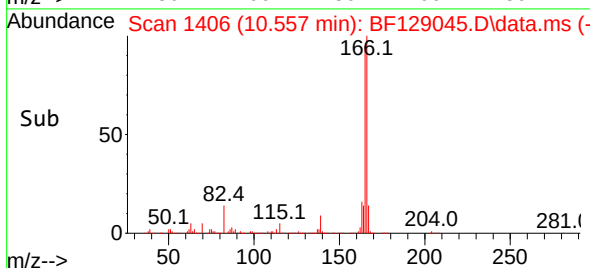
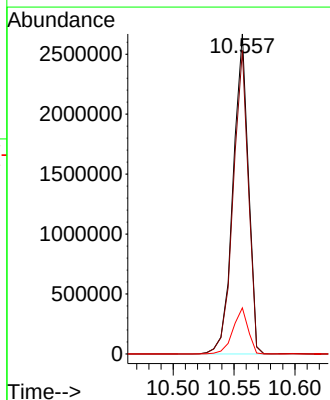
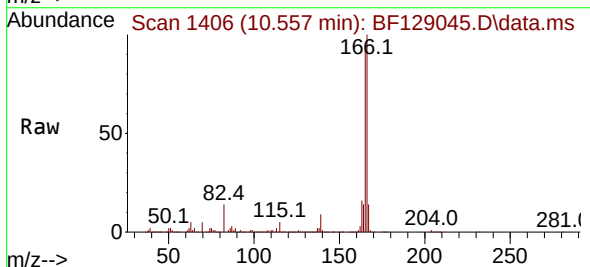
APPROVED

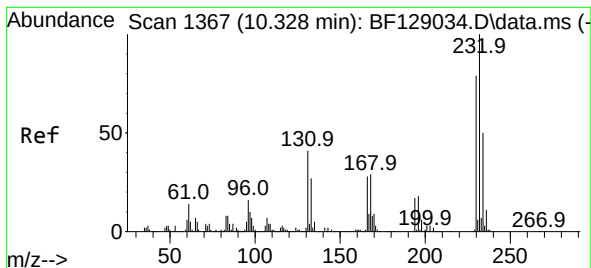
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#58
Fluorene
Concen: 40.691 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

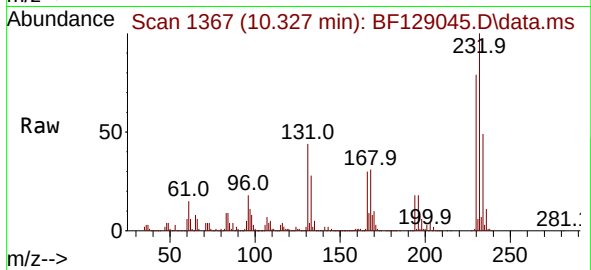
Tgt Ion:166 Resp: 2331419
Ion Ratio Lower Upper
166 100
165 94.8 78.1 117.1
167 14.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.821 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

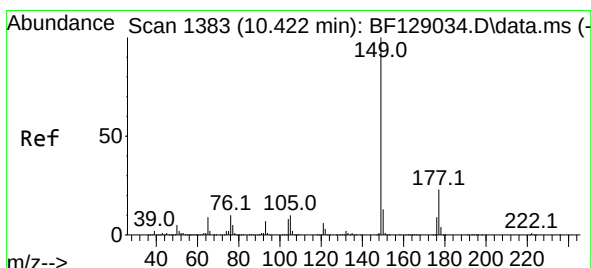
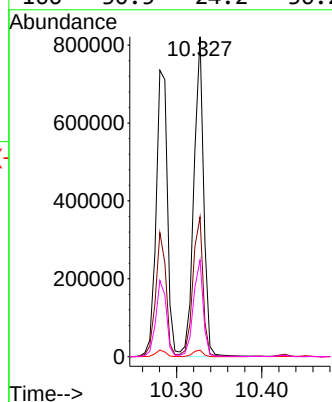
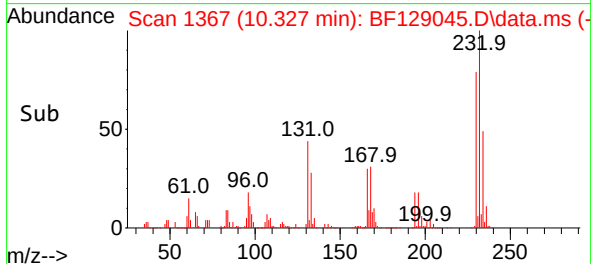
Instrument :
BNA_F
ClientSampleId :
PB145742BS



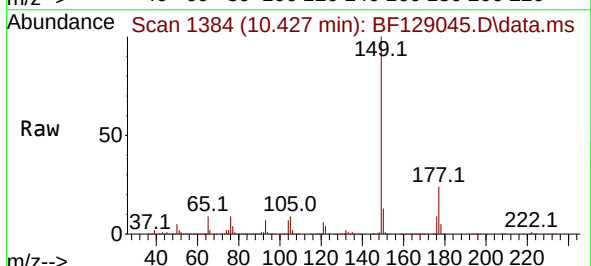
Tgt Ion:232 Resp: 65318
Ion Ratio Lower Upper
232 100
131 45.7 36.1 54.1
130 2.2 1.8 2.8
166 30.5 24.2 36.2

Manual Integrations
APPROVED

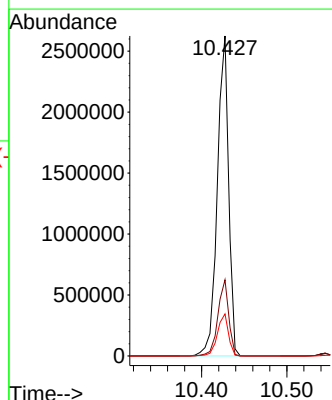
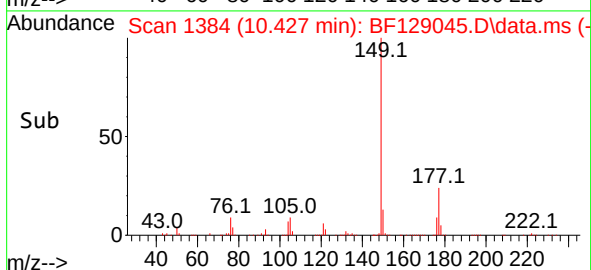
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

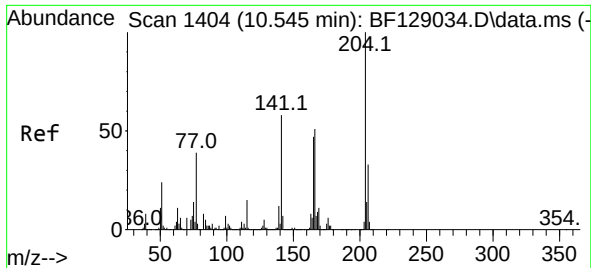


#60
Diethylphthalate
Concen: 41.626 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



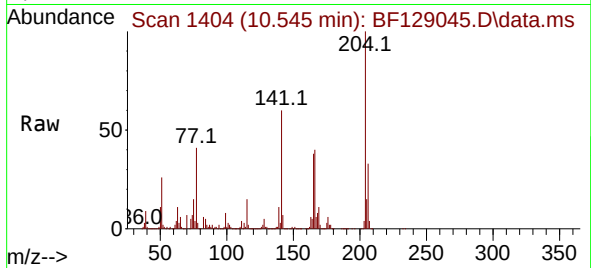
Tgt Ion:149 Resp: 2415600
Ion Ratio Lower Upper
149 100
177 23.8 17.3 25.9
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.356 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

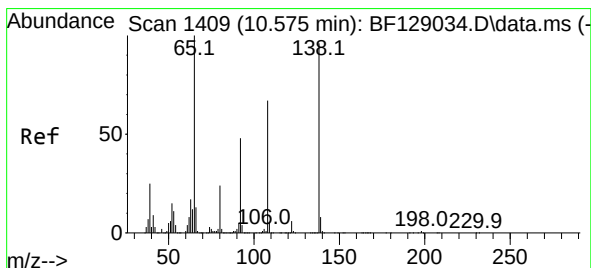
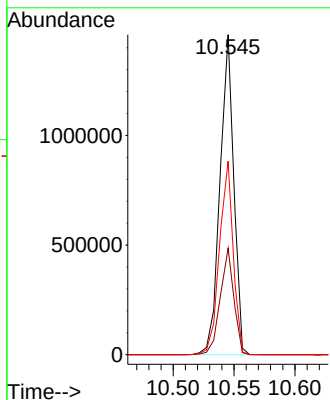
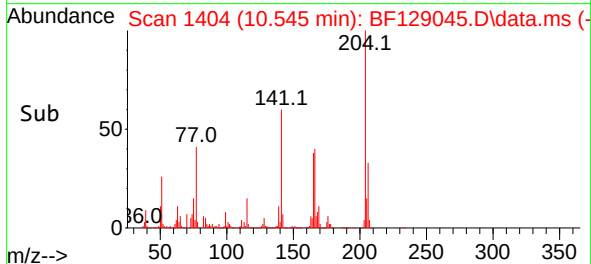
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion:204 Resp: 1152038
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 60.4 47.0 70.4

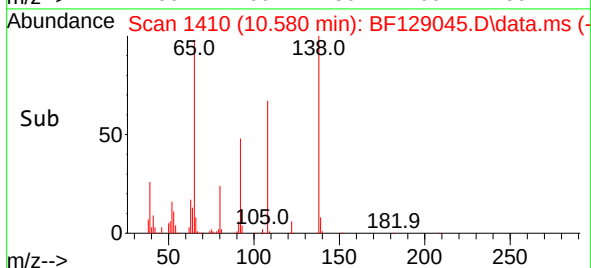
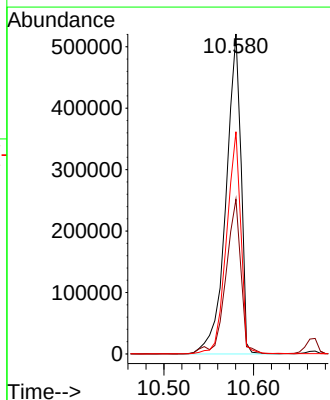
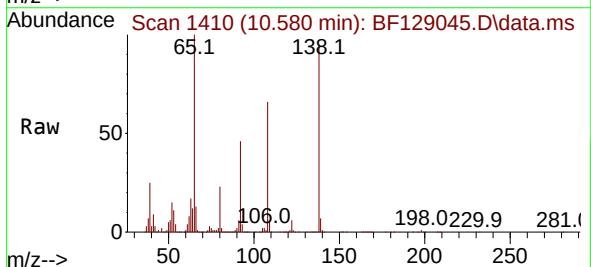
Manual Integrations
APPROVED

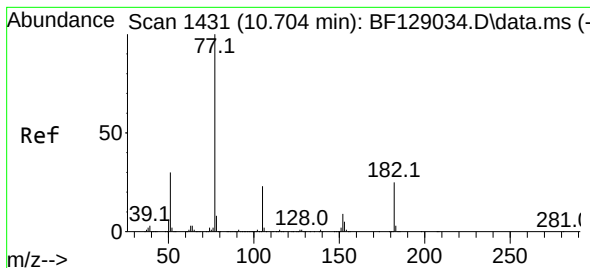
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#62
4-Nitroaniline
Concen: 43.212 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

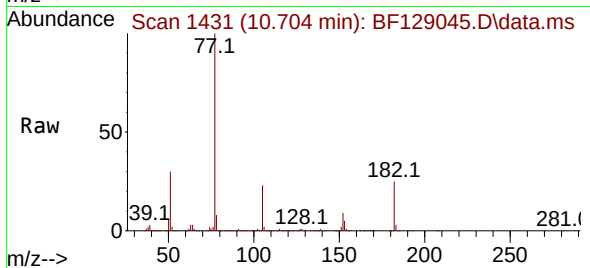
Tgt Ion:138 Resp: 604724
Ion Ratio Lower Upper
138 100
92 48.4 33.5 73.5
108 69.4 61.0 101.0





#63
Azobenzene
Concen: 40.610 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

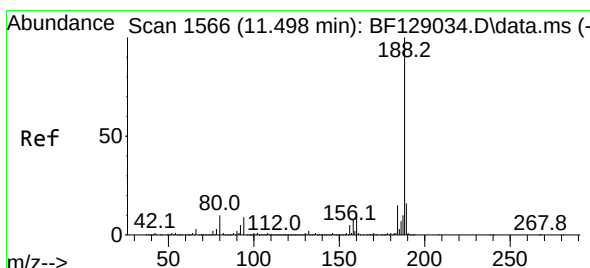
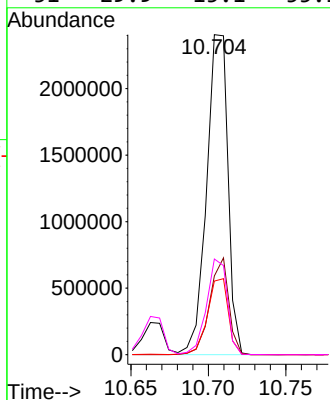
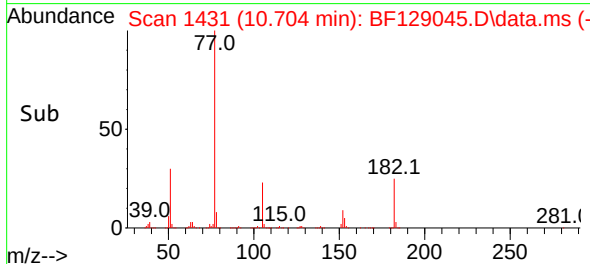
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion: 77 Resp: 230893
Ion Ratio Lower Upper
77 100
182 24.6 5.6 45.6
105 23.0 1.6 41.6
51 29.9 15.1 55.1

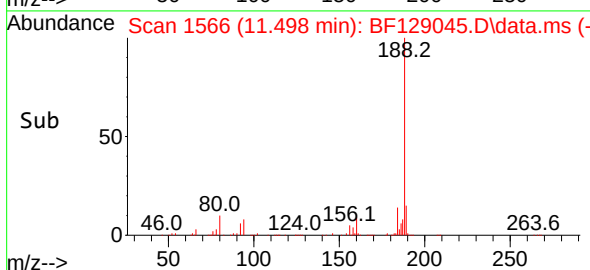
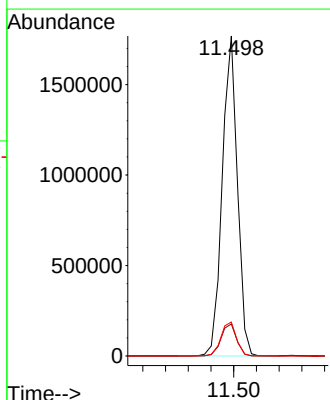
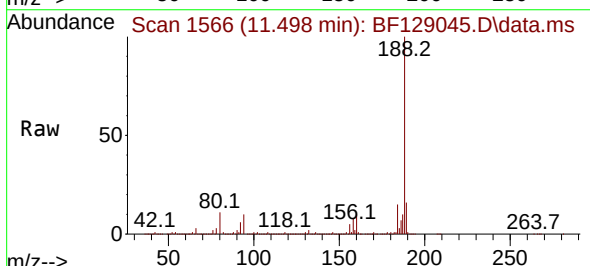
Manual Integrations
APPROVED

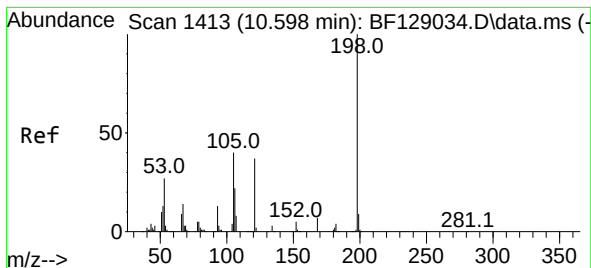
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:188 Resp: 1634795
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.6 7.6 11.4





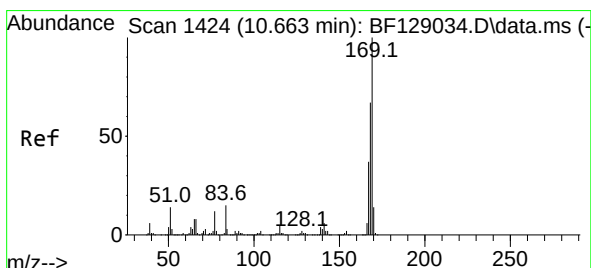
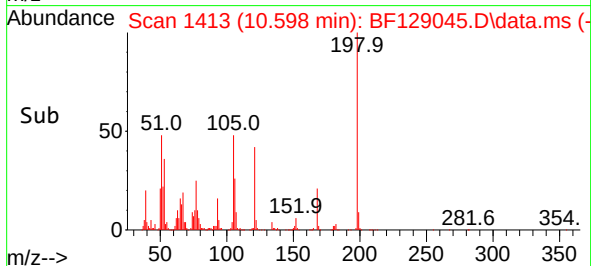
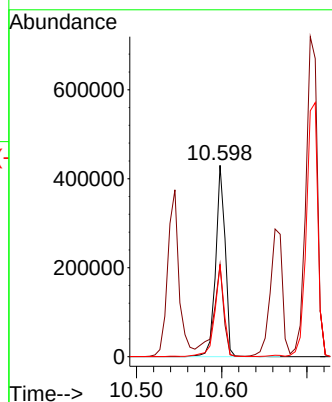
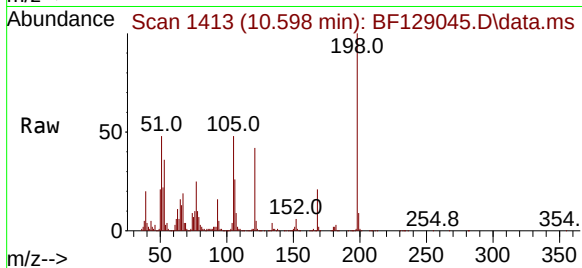
#65
4,6-Dinitro-2-methylphenol
Concen: 45.965 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Tgt Ion:198 Resp: 332441
Ion Ratio Lower Upper
198 100
51 48.2 37.6 77.6
105 48.0 27.0 67.0

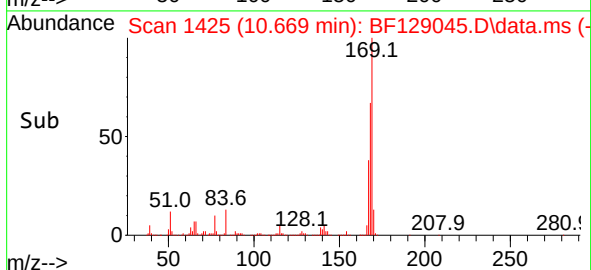
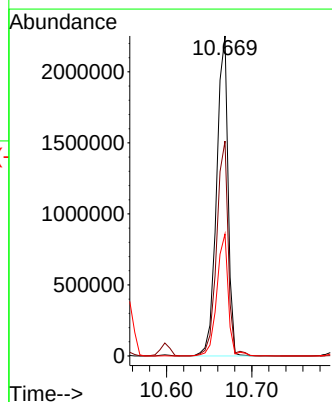
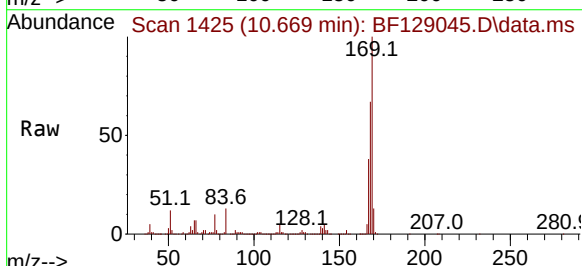
Manual Integrations
APPROVED

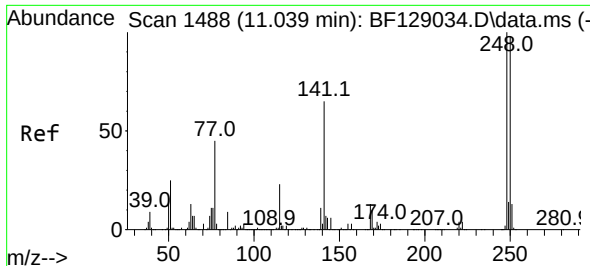
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#66
n-Nitrosodiphenylamine
Concen: 42.340 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:169 Resp: 2102155
Ion Ratio Lower Upper
169 100
168 67.2 50.1 75.1
167 38.1 27.9 41.9





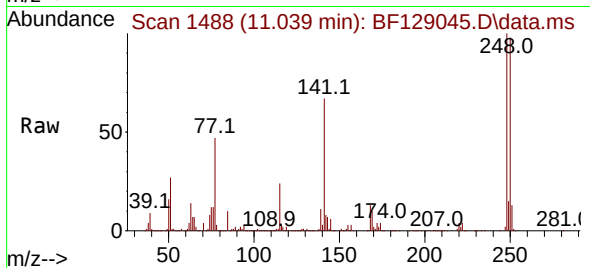
#67
4-Bromophenyl-phenylether
Concen: 41.820 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

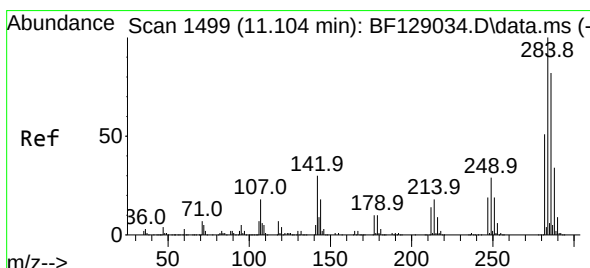
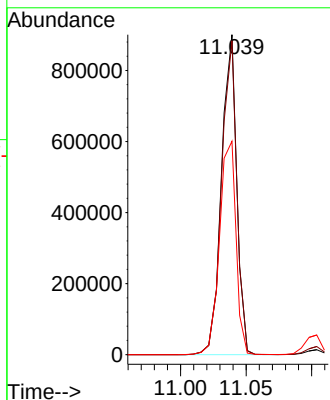
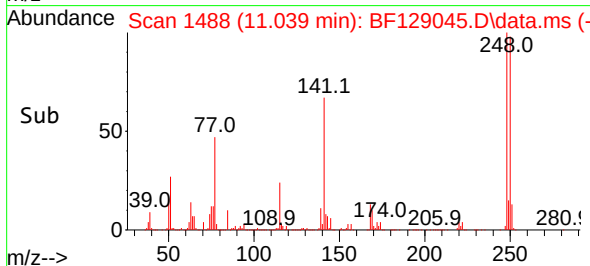


Tgt Ion:248 Resp: 72724
Ion Ratio Lower Upper
248 100
250 98.1 80.6 120.8
141 66.7 58.9 88.3

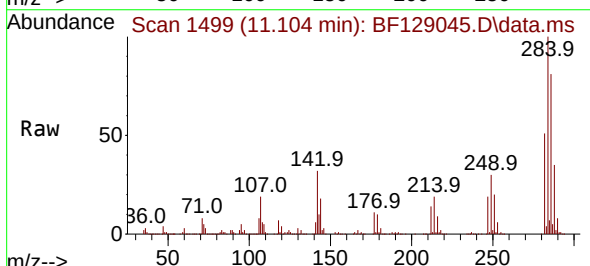
Manual Integrations

APPROVED

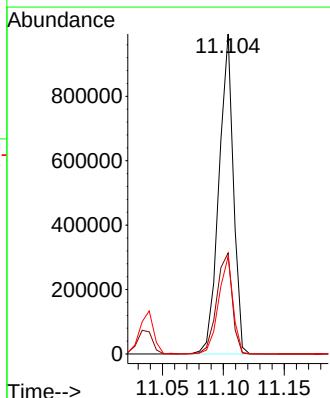
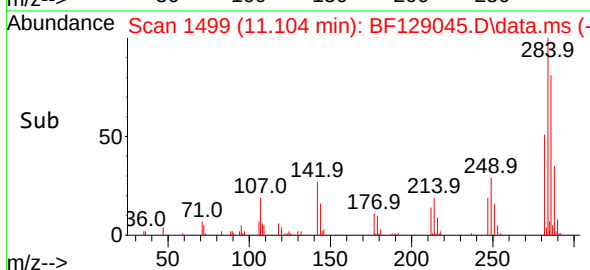
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

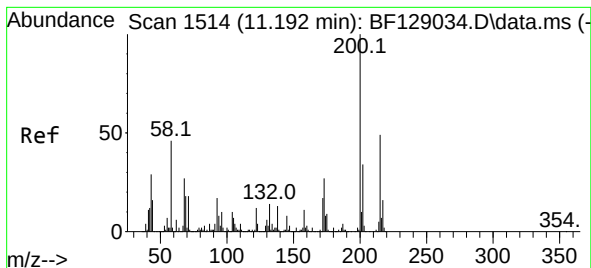


#68
Hexachlorobenzene
Concen: 42.522 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:284 Resp: 823385
Ion Ratio Lower Upper
284 100
142 31.5 29.0 43.4
249 30.4 25.0 37.6





#69

Atrazine

Concen: 48.036 ng

RT: 11.192 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF129045.D

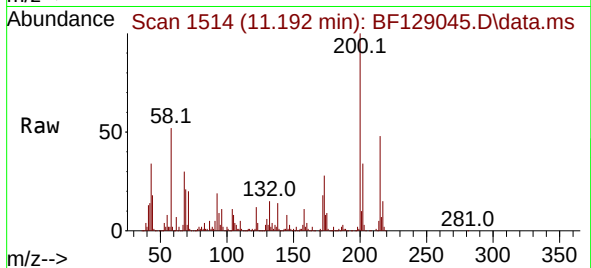
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS



Tgt Ion:200 Resp: 671120

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

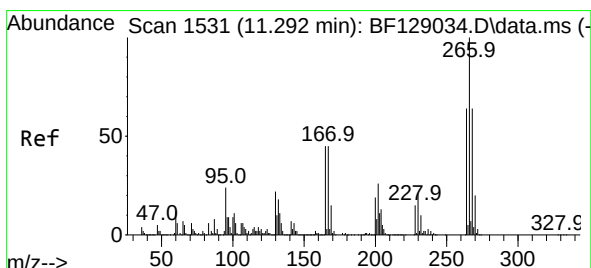
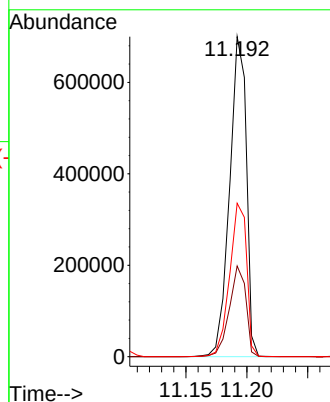
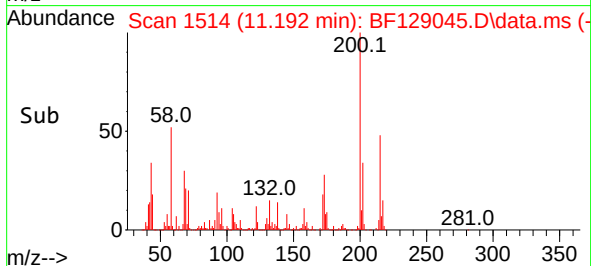
215 47.9 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#70

Pentachlorophenol

Concen: 86.785 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

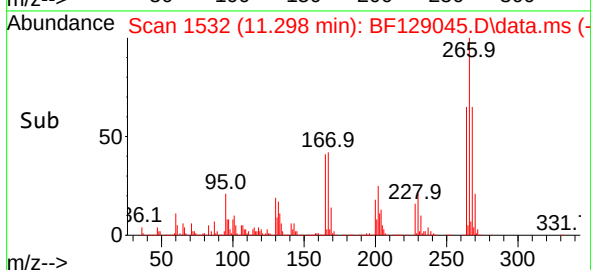
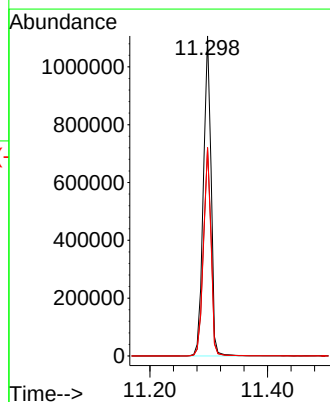
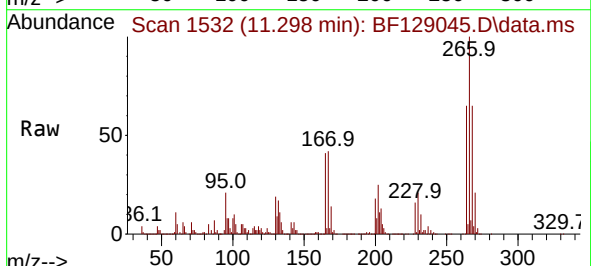
Tgt Ion:266 Resp: 1000940

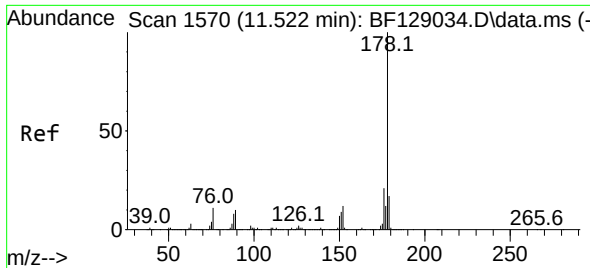
Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.4

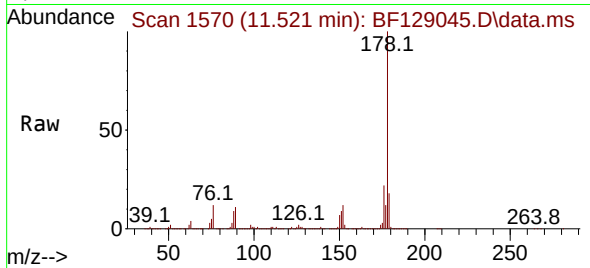
264 65.1 49.4 74.2





#71
Phenanthrene
Concen: 41.165 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

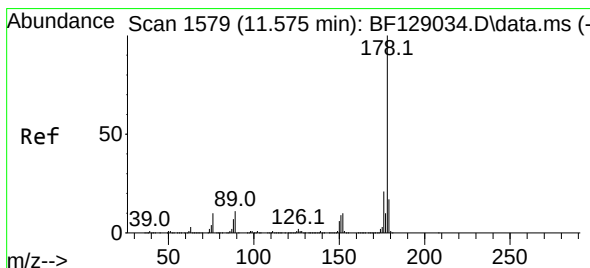
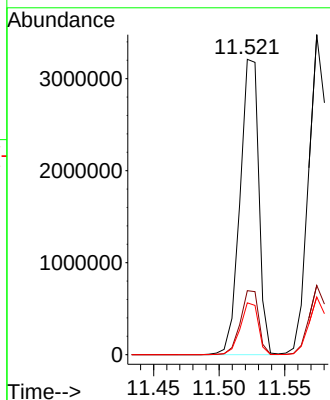
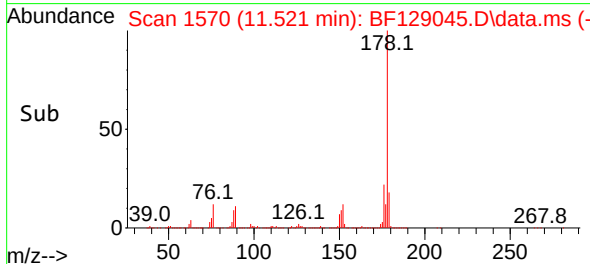
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion:178 Resp: 321543
Ion Ratio Lower Upper
178 100
176 21.7 16.0 24.0
179 17.5 12.6 19.0

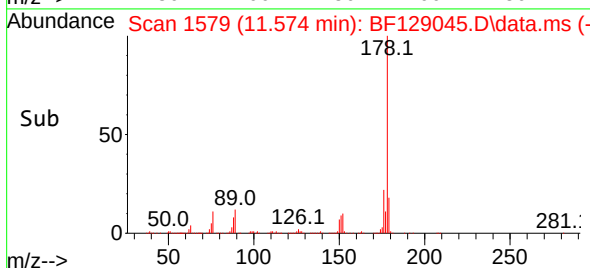
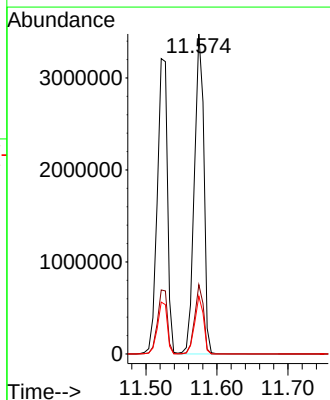
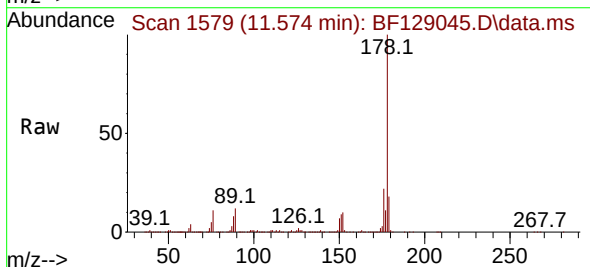
Manual Integrations
APPROVED

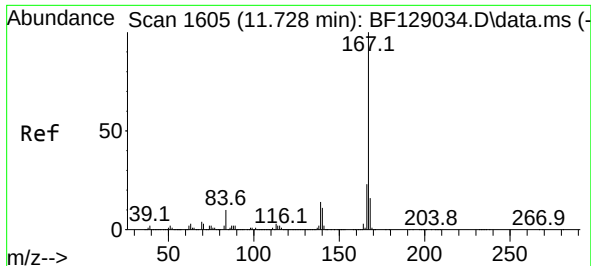
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#72
Anthracene
Concen: 42.097 ng
RT: 11.574 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

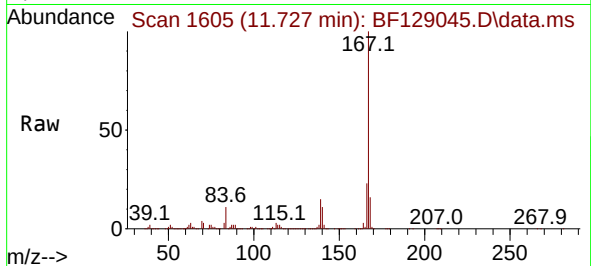
Tgt Ion:178 Resp: 3241964
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.2
179 18.0 12.6 19.0





#73
 Carbazole
 Concen: 40.359 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129045.D
 Acq: 29 Jun 2022 19:58

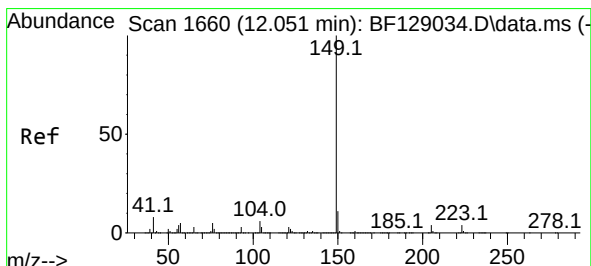
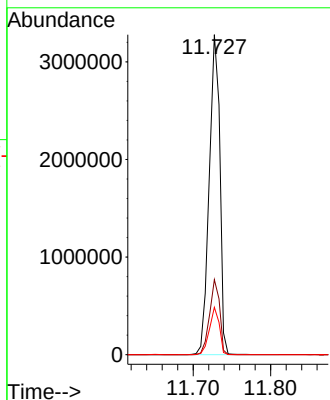
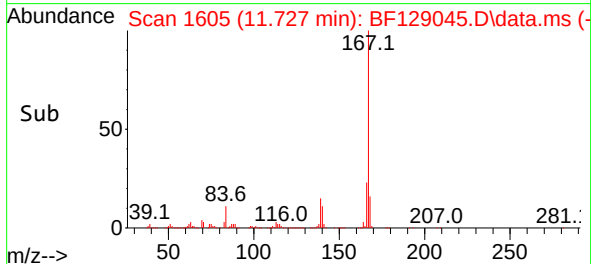
Instrument : BNA_F
 ClientSampleId : PB145742BS



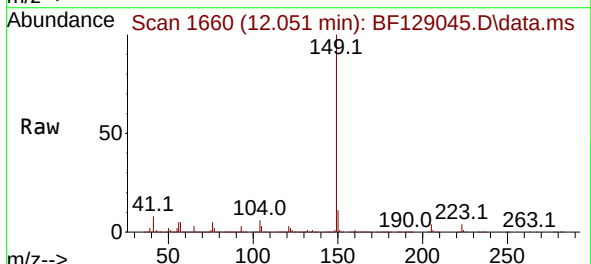
Tgt Ion:167 Resp: 311440
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.7 26.5
 139 14.8 11.2 16.8

Manual Integrations
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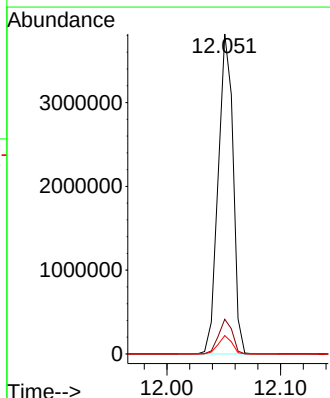
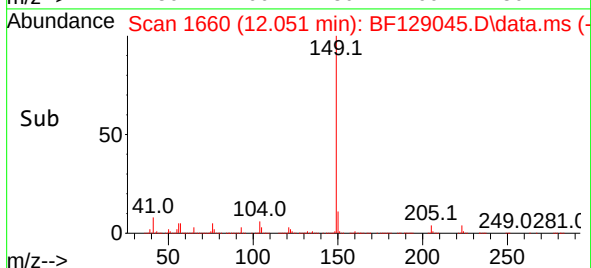
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

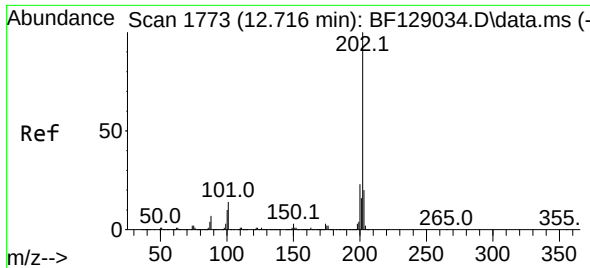


#74
 Di-n-butylphthalate
 Concen: 42.768 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129045.D
 Acq: 29 Jun 2022 19:58



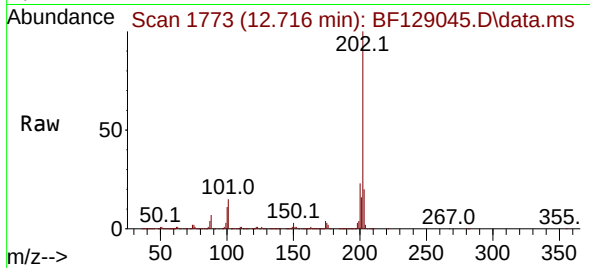
Tgt Ion:149 Resp: 3479738
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.5 11.3
 104 5.8 4.4 6.6





#75
Fluoranthene
Concen: 41.440 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

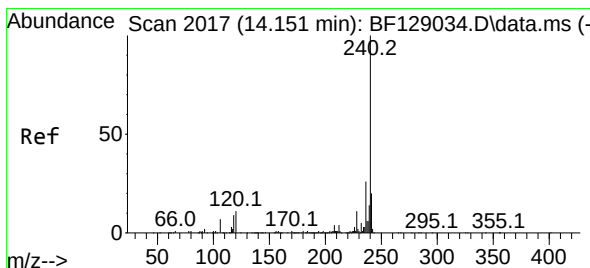
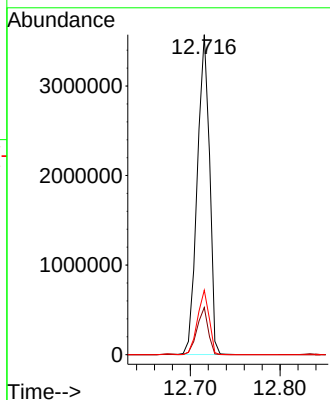
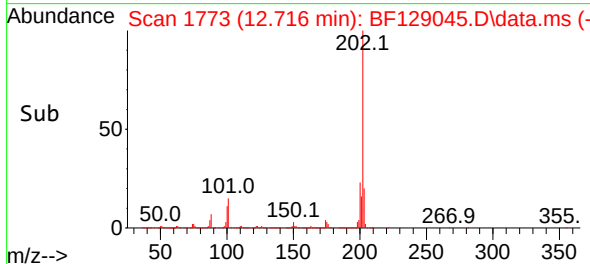
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion:202 Resp: 338518
Ion Ratio Lower Upper
202 100
101 14.8 0.0 31.4
203 20.1 0.0 38.0

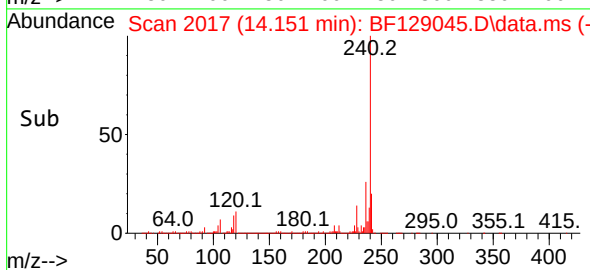
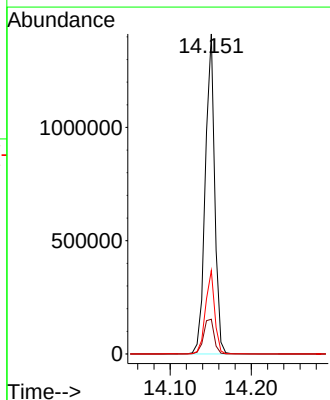
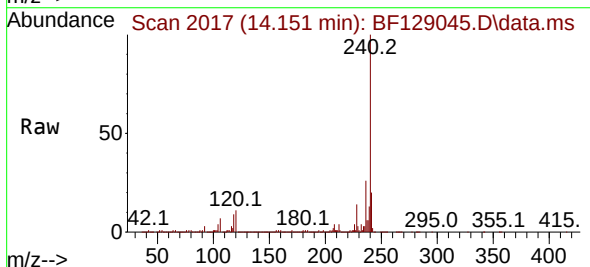
Manual Integrations
APPROVED

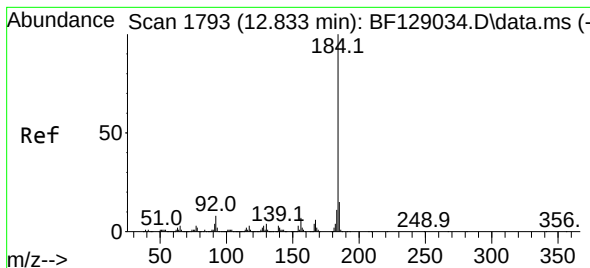
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:240 Resp: 1130526
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.1 20.8 31.2





#77

Benzidine

Concen: 62.850 ng

RT: 12.833 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

Tgt Ion:184 Resp: 126519

Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

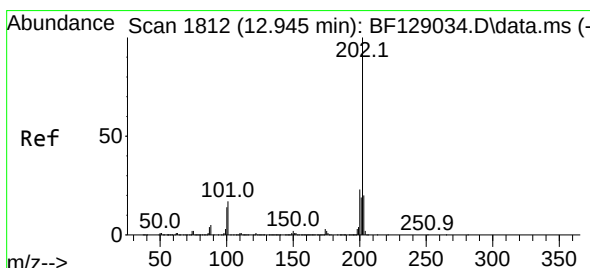
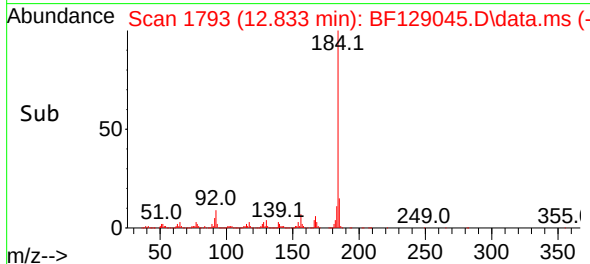
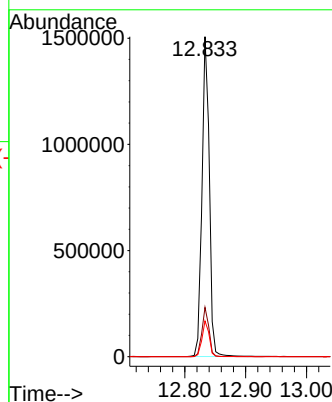
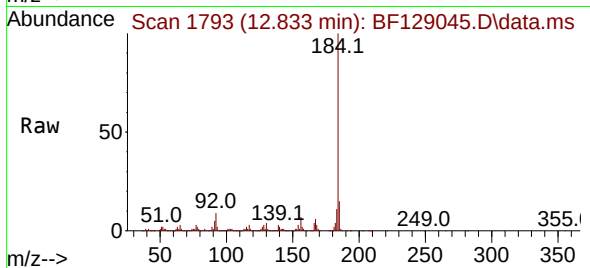
183 11.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#78

Pyrene

Concen: 43.712 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

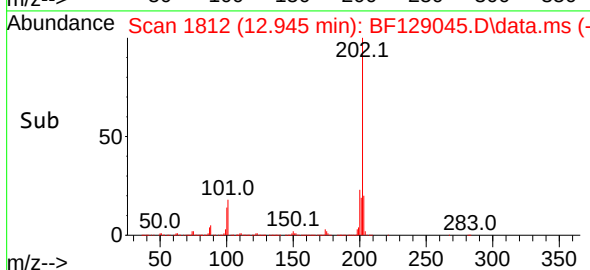
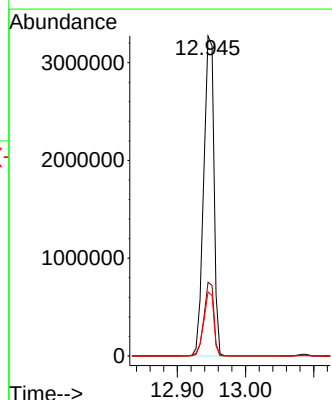
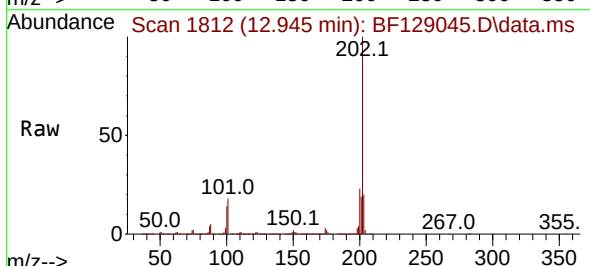
Tgt Ion:202 Resp: 3425393

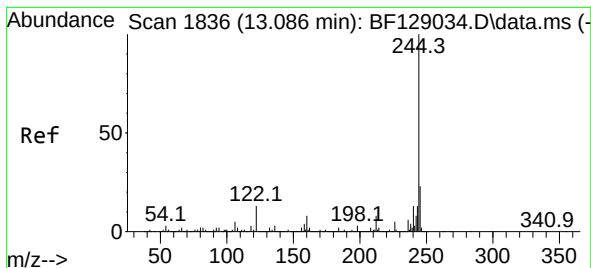
Ion Ratio Lower Upper

202 100

200 23.1 17.7 26.5

203 20.0 14.6 21.8





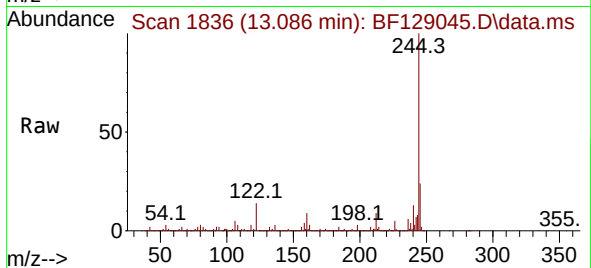
#79
 Terphenyl-d14
 Concen: 82.929 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129045.D
 Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

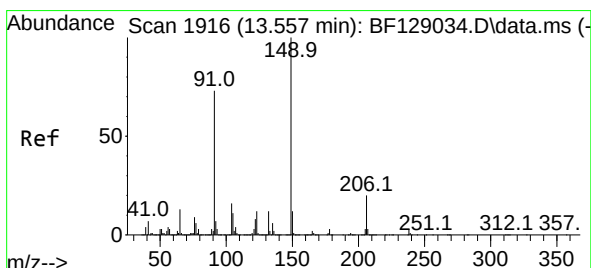
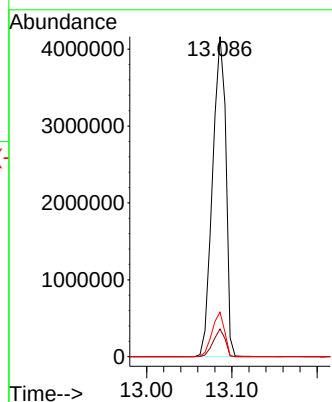
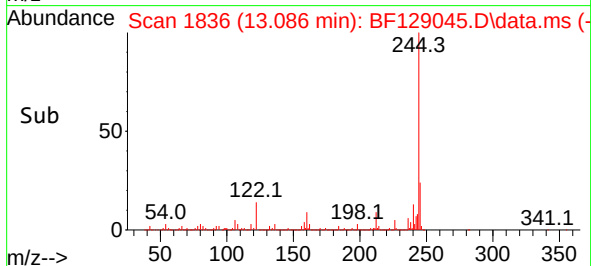


Tgt Ion:244 Resp: 4514708
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.1 9.1
 122 13.9 8.8 13.2

Manual Integrations

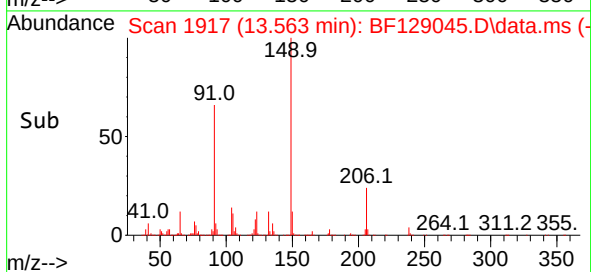
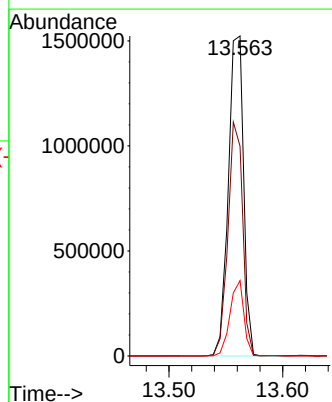
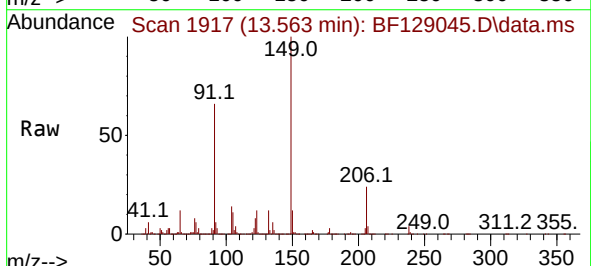
APPROVED

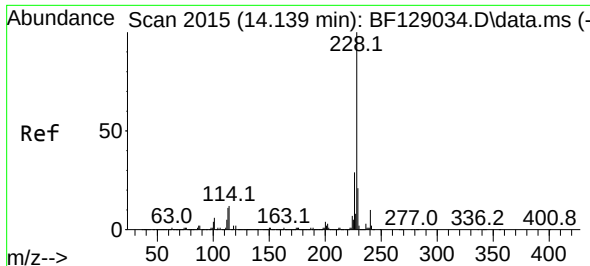
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#80
 Butylbenzylphthalate
 Concen: 44.584 ng
 RT: 13.563 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BF129045.D
 Acq: 29 Jun 2022 19:58

Tgt Ion:149 Resp: 1423299
 Ion Ratio Lower Upper
 149 100
 91 65.6 61.2 91.8
 206 23.6 15.7 23.5





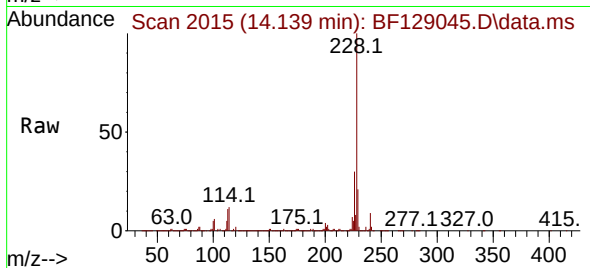
#81
Benzo(a)anthracene
Concen: 42.529 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

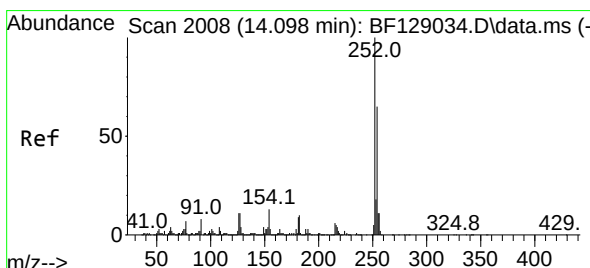
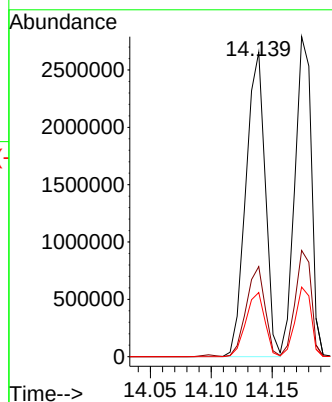
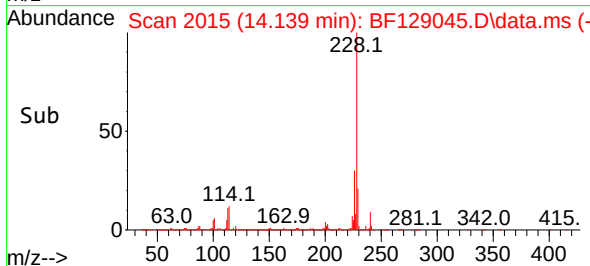
PB145742BS



Tgt Ion:228 Resp: 293568
Ion Ratio Lower Upper
228 100
226 29.6 22.1 33.1
229 21.1 15.8 23.8

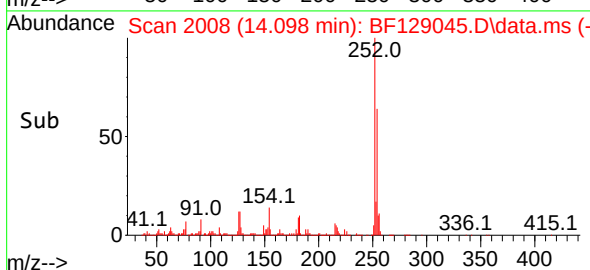
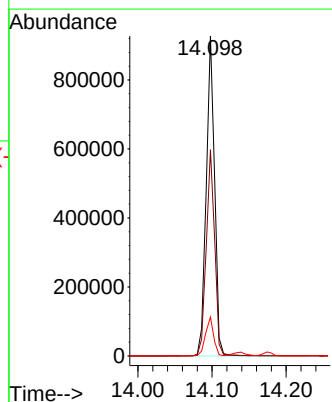
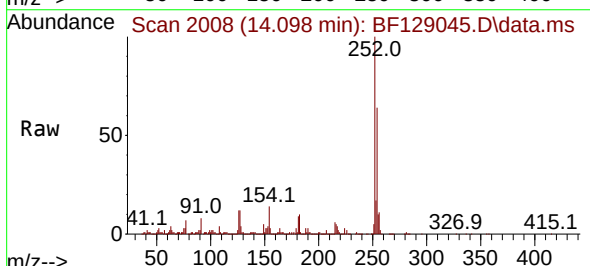
Manual Integrations
APPROVED

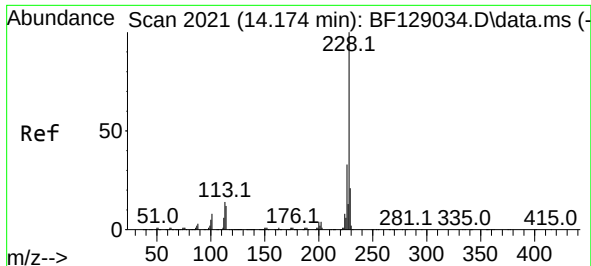
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 48.942 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:252 Resp: 729979
Ion Ratio Lower Upper
252 100
254 64.4 50.2 75.4
126 12.2 8.2 12.4





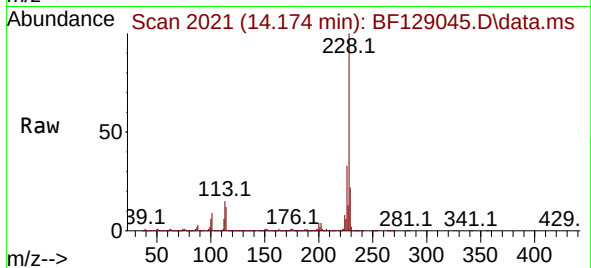
#83
Chrysene
Concen: 41.172 ng
RT: 14.174 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

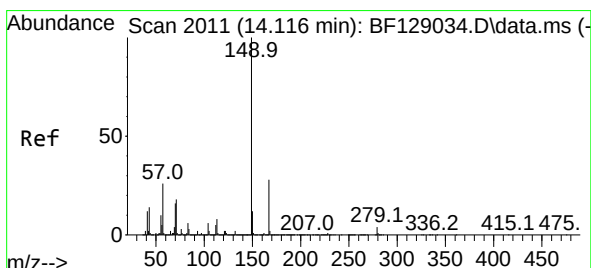
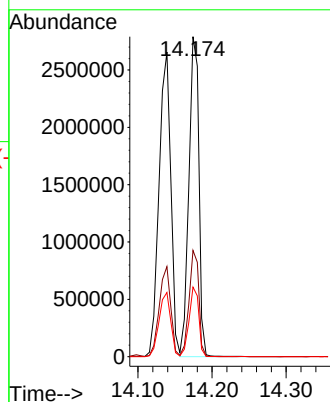
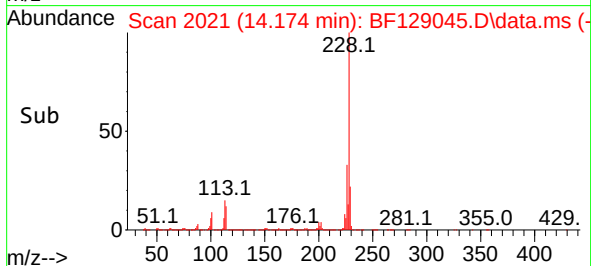


Tgt Ion:228 Resp: 263842
Ion Ratio Lower Upper
228 100
226 33.2 24.3 36.5
229 21.8 15.9 23.9

Manual Integrations

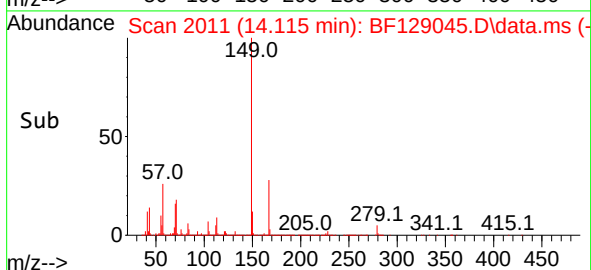
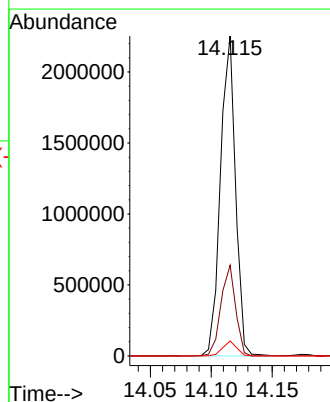
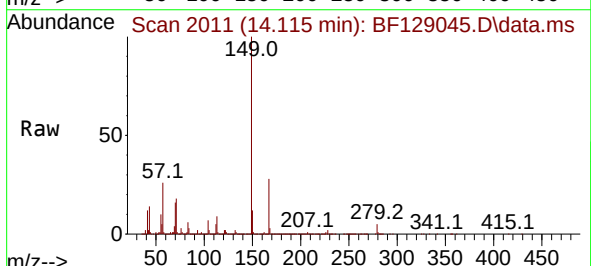
APPROVED

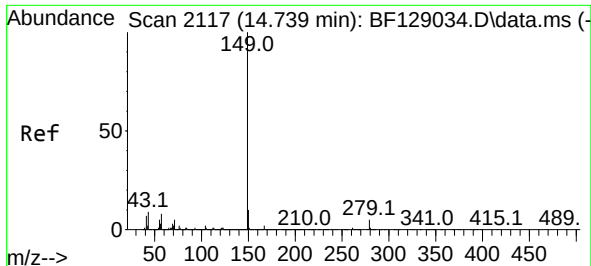
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.706 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:149 Resp: 1939141
Ion Ratio Lower Upper
149 100
167 28.4 21.0 31.4
279 4.7 3.1 4.7#





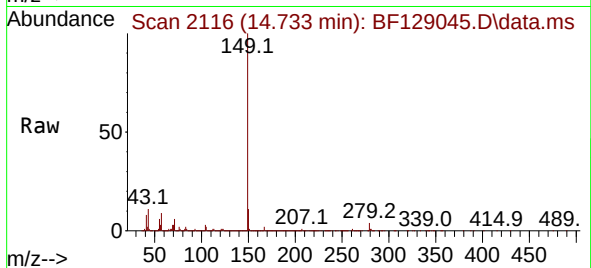
#85
Di-n-octyl phthalate
Concen: 45.031 ng
RT: 14.733 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

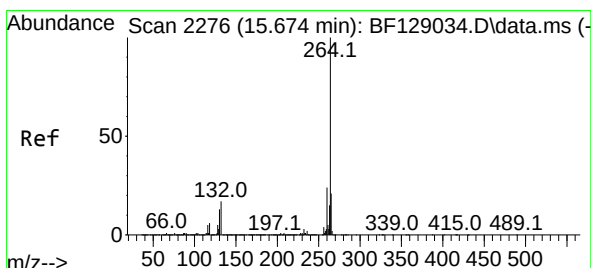
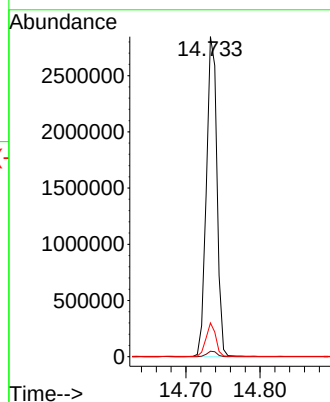
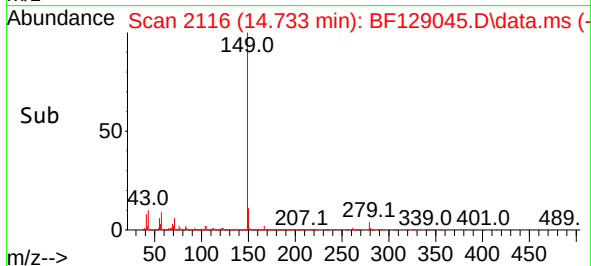


Tgt Ion:149 Resp: 2820344
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 9.2 13.8

Manual Integrations

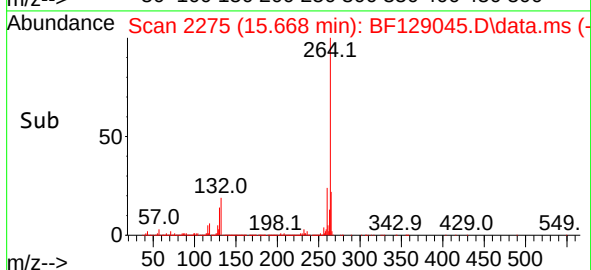
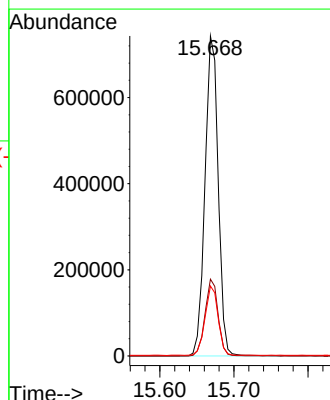
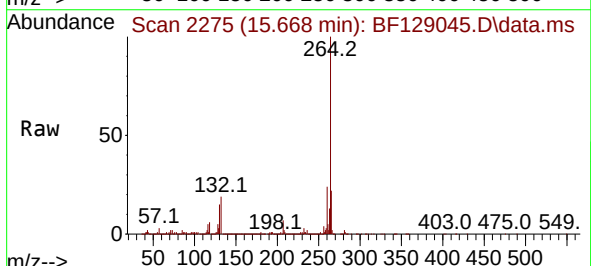
APPROVED

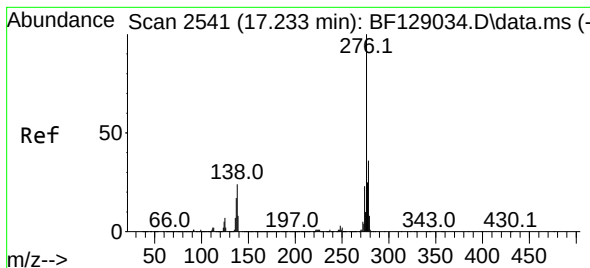
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Tgt Ion:264 Resp: 921906
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.129 ng

RT: 17.233 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

Tgt Ion:276 Resp: 2495164

Ion Ratio Lower Upper

276 100

138 27.6 21.1 31.7

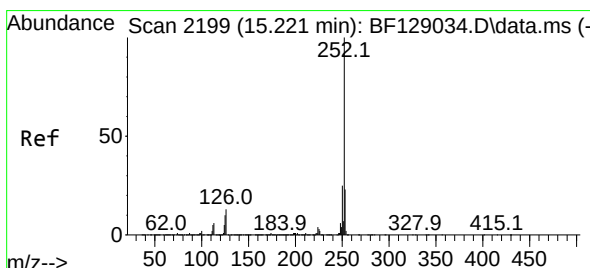
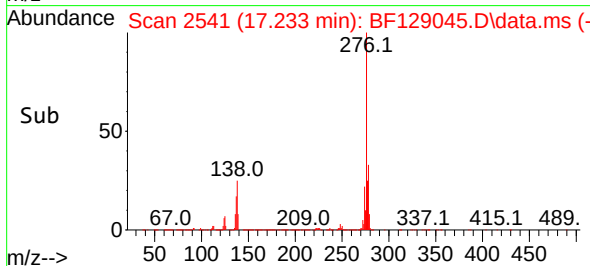
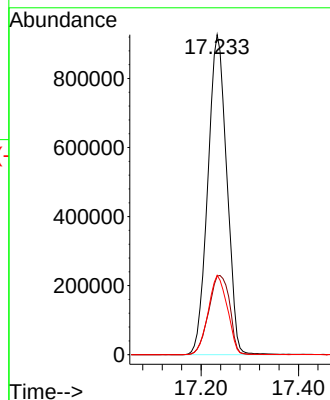
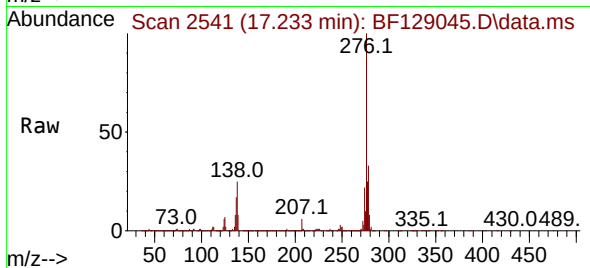
277 25.2 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#88

Benzo(b)fluoranthene

Concen: 46.274 ng

RT: 15.221 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

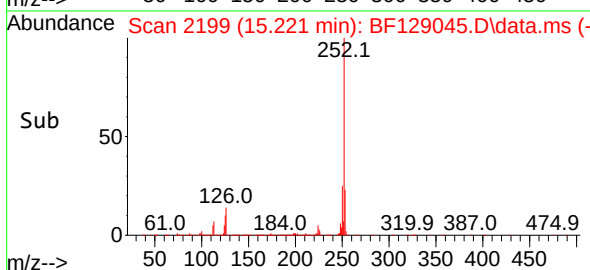
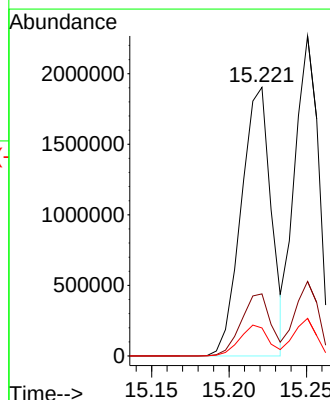
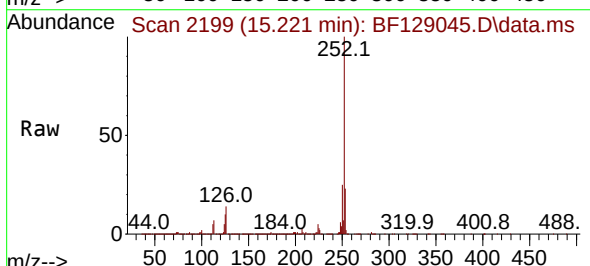
Tgt Ion:252 Resp: 2565610

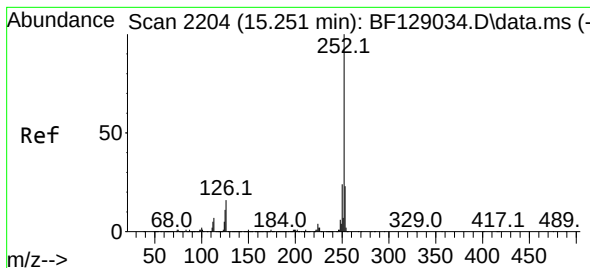
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 45.321 ng

RT: 15.251 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

Instrument :

BNF_F

ClientSampleId :

PB145742BS

Tgt Ion:252 Resp: 243716

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

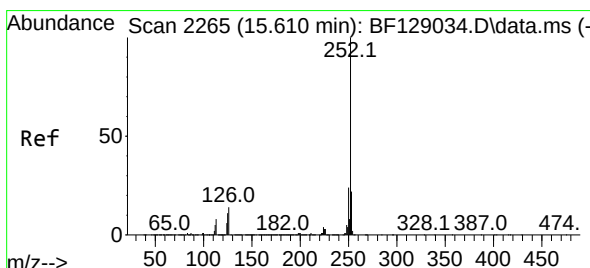
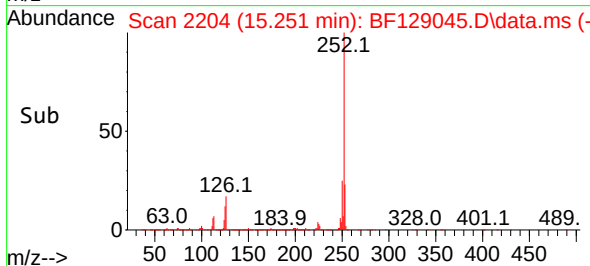
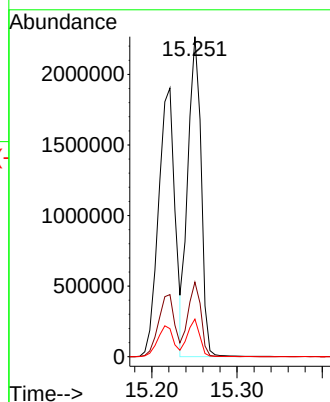
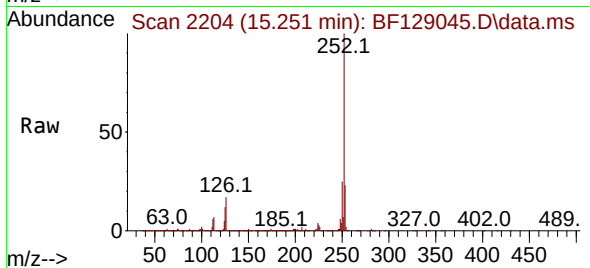
125 11.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#90

Benzo(a)pyrene

Concen: 52.394 ng

RT: 15.609 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF129045.D

Acq: 29 Jun 2022 19:58

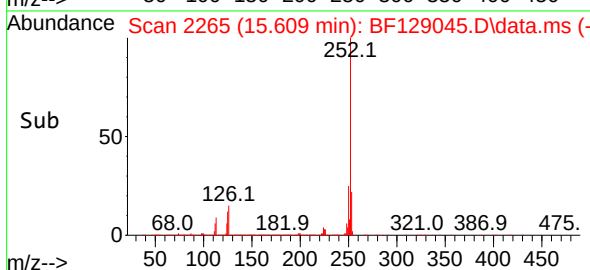
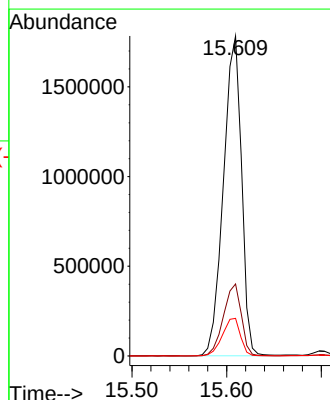
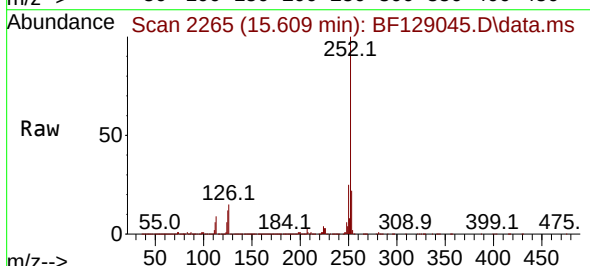
Tgt Ion:252 Resp: 2368102

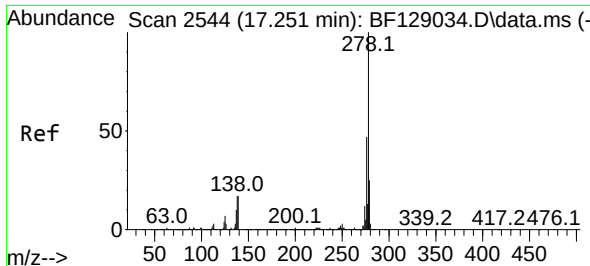
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 11.8 8.8 13.2





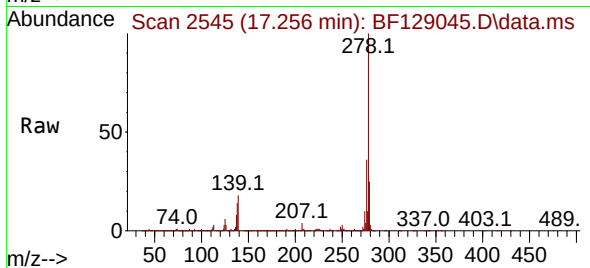
#91
Dibenzo(a,h)anthracene
Concen: 47.037 ng
RT: 17.256 min Scan# 2544
Delta R.T. 0.006 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PB145742BS

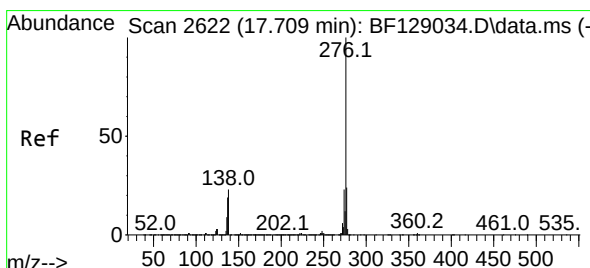
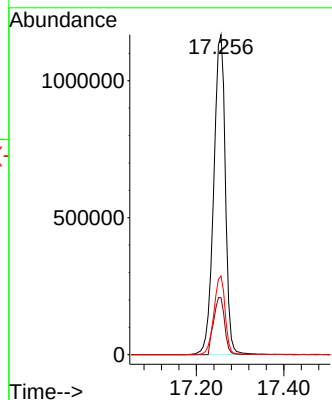
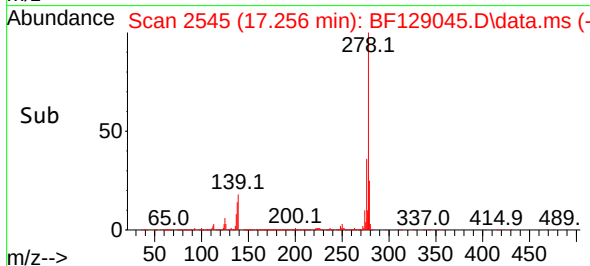


Tgt Ion:278 Resp: 216810
Ion Ratio Lower Upper
278 100
139 17.8 12.8 19.2
279 24.6 18.6 28.0

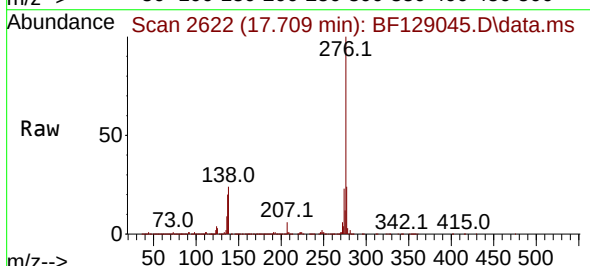
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#92
Benzo(g,h,i)perylene
Concen: 46.333 ng
RT: 17.709 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF129045.D
Acq: 29 Jun 2022 19:58



Tgt Ion:276 Resp: 2142616
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 24.2 18.0 27.0

