

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129566.D
 Acq On : 04 Aug 2022 11:54
 Operator : CG\JU
 Sample : PB146528BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146528BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 02:07:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	207746	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	843027	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	447020	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	743754	20.000	ng	0.00
76) Chrysene-d12	14.039	240	454734	20.000	ng	0.00
86) Perylene-d12	15.515	264	375734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1411449	110.676	ng	0.01
7) Phenol-d6	6.516	99	1785818	111.407	ng	0.00
23) Nitrobenzene-d5	7.434	82	1153410	74.687	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	512017	119.136	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2082479	72.066	ng	0.00
79) Terphenyl-d14	12.980	244	2149203	89.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	158393	27.528	ng	89
3) Pyridine	3.499	79	434253	27.176	ng	92
4) n-Nitrosodimethylamine	3.434	42	262003	37.340	ng	94
6) Aniline	6.534	93	695800	34.916	ng	# 81
8) 2-Chlorophenol	6.657	128	587231	42.147	ng	96
9) Benzaldehyde	6.416	77	305339	28.049	ng	98
10) Phenol	6.528	94	674652m	39.522	ng	
11) bis(2-Chloroethyl)ether	6.598	93	550110	40.635	ng	94
12) 1,3-Dichlorobenzene	6.804	146	591538	39.586	ng	98
13) 1,4-Dichlorobenzene	6.881	146	596253	39.234	ng	99
14) 1,2-Dichlorobenzene	7.034	146	572042	40.952	ng	99
15) Benzyl Alcohol	7.016	79	504029	43.355	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	754567	37.080	ng	73
17) 2-Methylphenol	7.128	107	458998	39.711	ng	# 92
18) Hexachloroethane	7.369	117	231175	40.399	ng	# 88
19) n-Nitroso-di-n-propyla...	7.281	70	396278	40.835	ng	92
20) 3+4-Methylphenols	7.281	107	566675	38.559	ng	# 86
22) Acetophenone	7.275	105	786017	40.047	ng	96
24) Nitrobenzene	7.451	77	610205	38.371	ng	96
25) Isophorone	7.692	82	1126254	40.685	ng	98
26) 2-Nitrophenol	7.769	139	312675	39.855	ng	89
27) 2,4-Dimethylphenol	7.804	122	528967m	44.949	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	692534	43.126	ng	99
29) 2,4-Dichlorophenol	8.016	162	480880	39.591	ng	96
30) 1,2,4-Trichlorobenzene	8.086	180	479075	38.105	ng	96
31) Naphthalene	8.169	128	1615241	37.712	ng	99
32) Benzoic acid	7.945	122	248736	29.237	ng	97
33) 4-Chloroaniline	8.222	127	633609	36.032	ng	98
34) Hexachlorobutadiene	8.281	225	286258	40.055	ng	99
35) Caprolactam	8.610	113	157276m	39.827	ng	
36) 4-Chloro-3-methylphenol	8.716	107	533829	41.438	ng	96
37) 2-Methylnaphthalene	8.863	142	1073087	38.553	ng	100
38) 1-Methylnaphthalene	8.963	142	1031565	38.392	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	470537	40.087	ng	97
41) Hexachlorocyclopentadiene	9.010	237	471898	90.286	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	326600	38.310	ng	97

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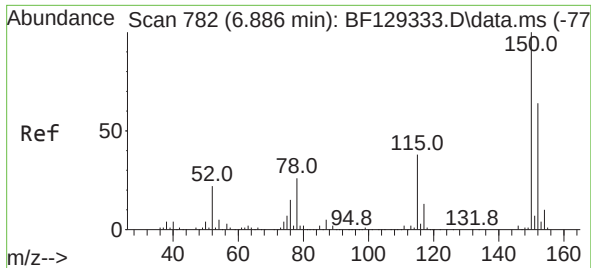
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	354381	38.224	ng	96
46) 1,1'-Biphenyl	9.328	154	1299108	39.821	ng	98
47) 2-Chloronaphthalene	9.351	162	1029222	39.026	ng	99
48) 2-Nitroaniline	9.451	65	338414	38.590	ng	94
49) Acenaphthylene	9.769	152	1555349	38.812	ng	100
50) Dimethylphthalate	9.628	163	1232022	39.924	ng	99
51) 2,6-Dinitrotoluene	9.698	165	279468	40.462	ng	92
52) Acenaphthene	9.939	154	1117224m	42.685	ng	
53) 3-Nitroaniline	9.869	138	243317	29.833	ng	# 95
54) 2,4-Dinitrophenol	9.980	184	280515	79.557	ng	90
55) Dibenzofuran	10.116	168	1414702	39.209	ng	98
56) 4-Nitrophenol	10.051	139	380648	63.262	ng	99
57) 2,4-Dinitrotoluene	10.104	165	361261	40.039	ng	98
58) Fluorene	10.457	166	1131556	39.196	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	263523	36.781	ng	92
60) Diethylphthalate	10.328	149	1204577	40.380	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	526267	41.350	ng	94
62) 4-Nitroaniline	10.492	138	293062	36.222	ng	95
63) Azobenzene	10.604	77	1180732	38.806	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	183316	39.050	ng	86
66) n-Nitrosodiphenylamine	10.569	169	999894	40.369	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	340510	41.809	ng	93
68) Hexachlorobenzene	11.004	284	371332	42.079	ng	99
69) Atrazine	11.098	200	339722	45.156	ng	98
70) Pentachlorophenol	11.204	266	314055	65.464	ng	99
71) Phenanthrene	11.422	178	1573145	38.748	ng	99
72) Anthracene	11.475	178	1613957	40.453	ng	100
73) Carbazole	11.627	167	1497644	39.876	ng	99
74) Di-n-butylphthalate	11.945	149	1884963	42.144	ng	100
75) Fluoranthene	12.610	202	1603381	38.977	ng	99
77) Benzidine	12.733	184	716940	44.628	ng	98
78) Pyrene	12.839	202	1581076	41.579	ng	99
80) Butylbenzylphthalate	13.445	149	712367	43.190	ng	99
81) Benzo(a)anthracene	14.027	228	1226568	39.487	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	356427	34.753	ng	# 98
83) Chrysene	14.068	228	1136245	38.812	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	946586	43.592	ng	99
85) Di-n-octyl phthalate	14.610	149	1405649	44.984	ng	97
87) Indeno(1,2,3-cd)pyrene	17.021	276	1050007	41.498	ng	100
88) Benzo(b)fluoranthene	15.080	252	1101606	44.199	ng	99
89) Benzo(k)fluoranthene	15.115	252	993343	40.670	ng	100
90) Benzo(a)pyrene	15.457	252	908737	44.915	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	910165	44.196	ng	99
92) Benzo(g,h,i)perylene	17.480	276	927851	44.092	ng	98

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



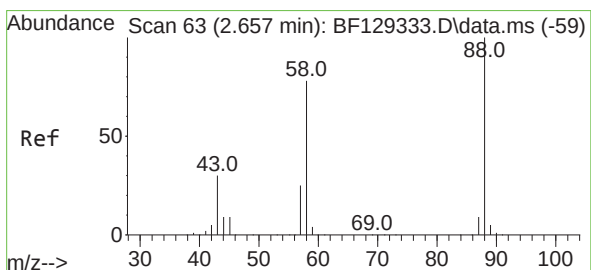
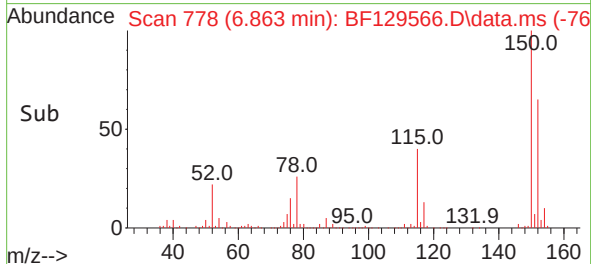
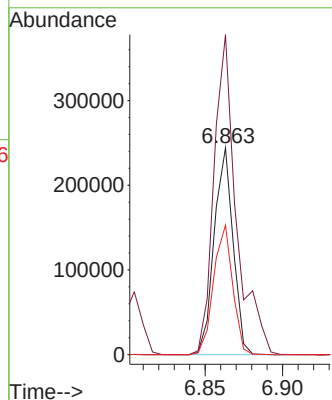
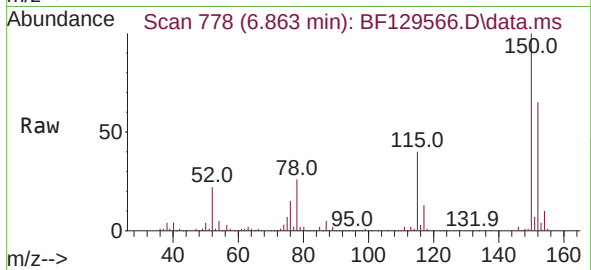
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :
BNA_F
ClientSampleId :
PB146528BS

Tgt Ion:152 Resp: 207746
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 62.5 49.9 74.9

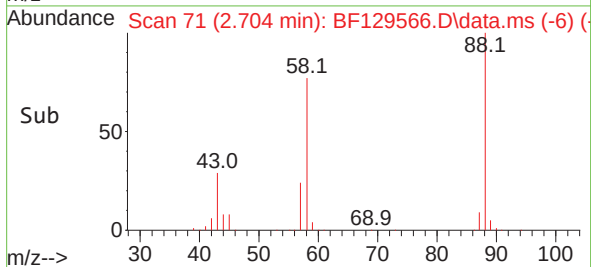
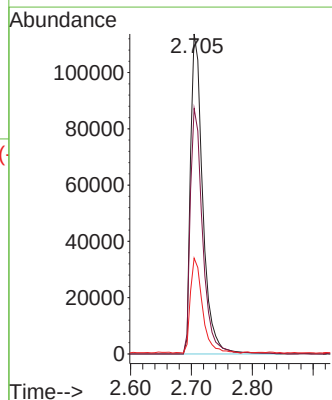
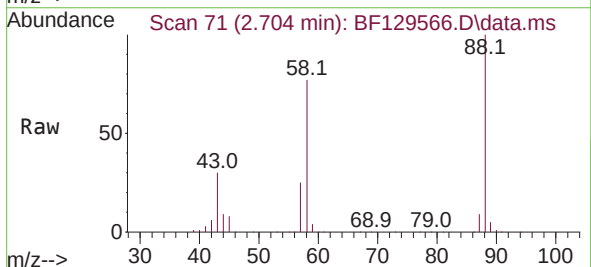
Manual Integrations
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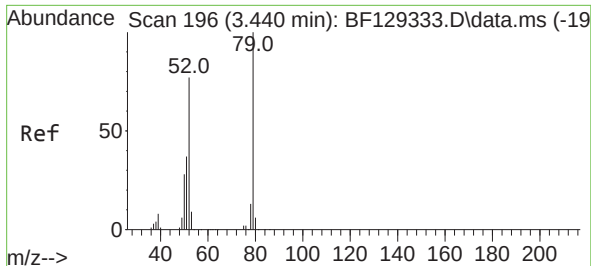
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#2
1,4-Dioxane
Concen: 27.528 ng
RT: 2.704 min Scan# 71
Delta R.T. 0.082 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

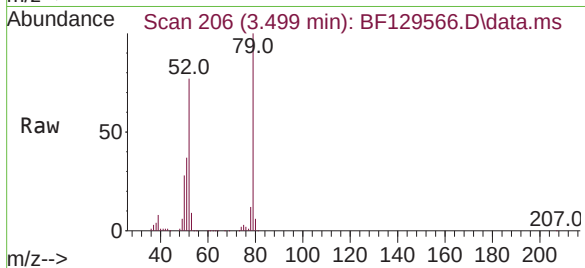
Tgt Ion: 88 Resp: 158393
Ion Ratio Lower Upper
88 100
58 78.0 71.8 107.8
43 29.7 26.6 39.8





#3
Pyridine
Concen: 27.176 ng
RT: 3.499 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

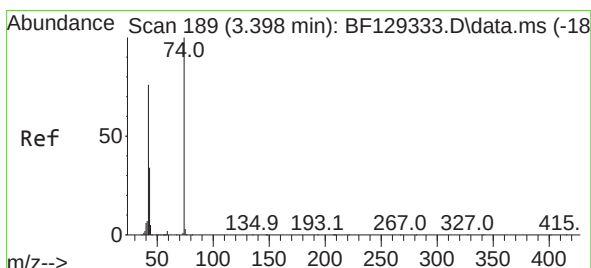
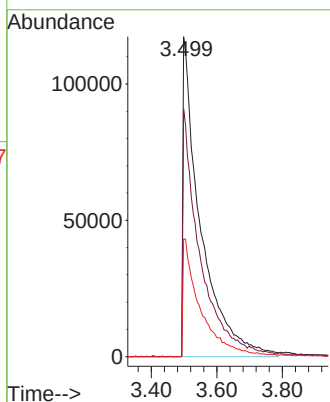
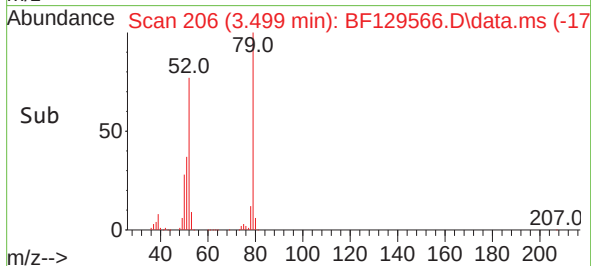
Instrument :
BNA_F
ClientSampleId :
PB146528BS



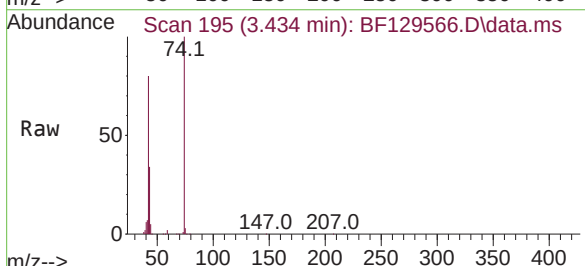
Tgt Ion: 79 Resp: 434253
Ion Ratio Lower Upper
79 100
52 77.4 68.6 102.8
51 36.7 32.9 49.3

Manual Integrations
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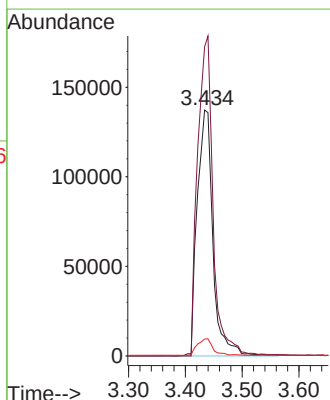
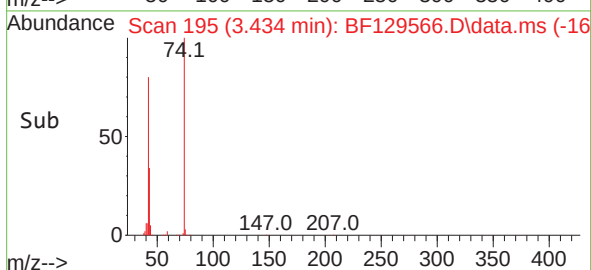
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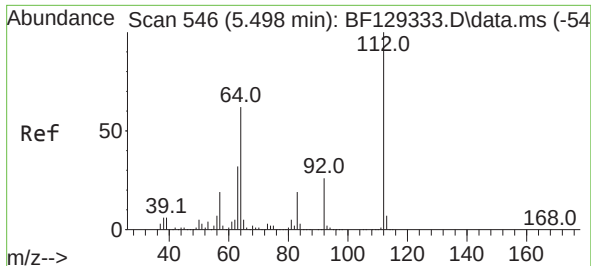


#4
n-Nitrosodimethylamine
Concen: 37.340 ng
RT: 3.434 min Scan# 195
Delta R.T. 0.071 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion: 42 Resp: 262003
Ion Ratio Lower Upper
42 100
74 125.7 94.8 142.2
44 6.9 6.6 10.0





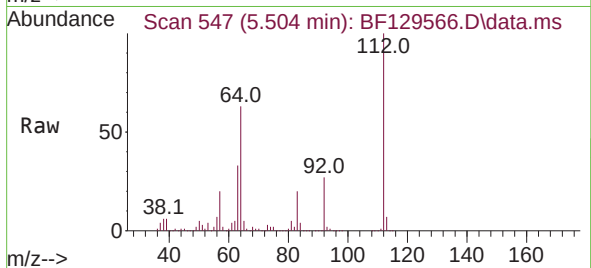
#5
2-Fluorophenol
Concen: 110.676 ng
RT: 5.504 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

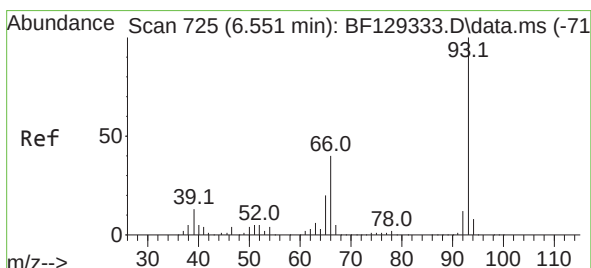
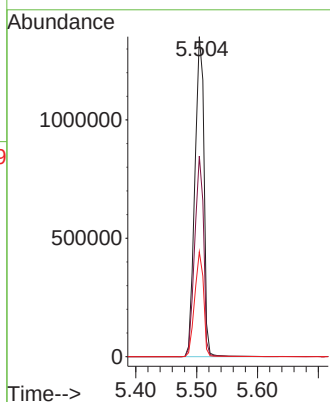
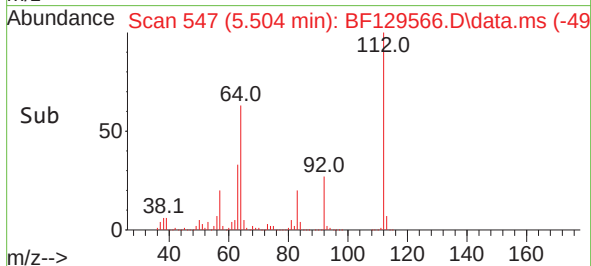


Tgt Ion:112 Resp: 1411449
Ion Ratio Lower Upper
112 100
64 62.7 53.3 79.9
63 32.7 28.0 42.0

Manual Integrations

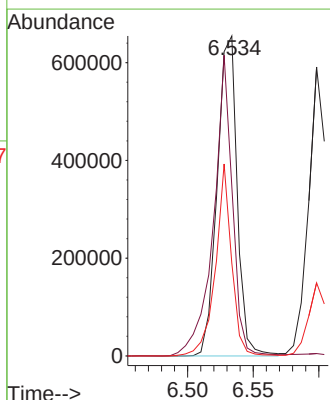
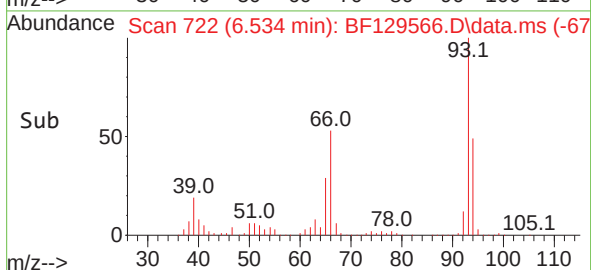
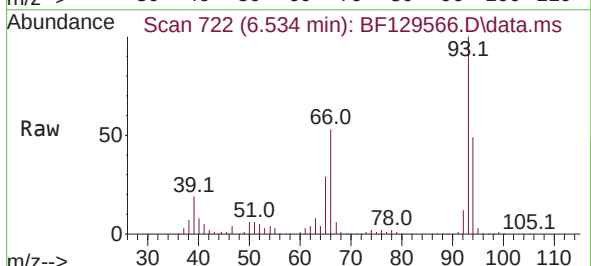
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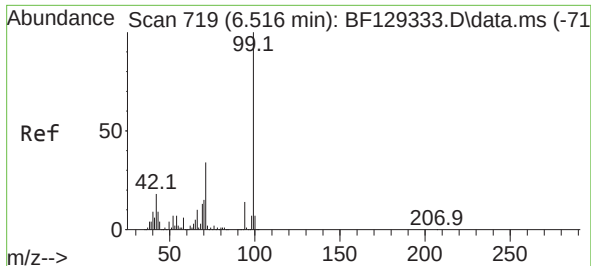
Reviewed By :Christian Giraldo 08/05/2022
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#6
Aniline
Concen: 34.916 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF129566.D
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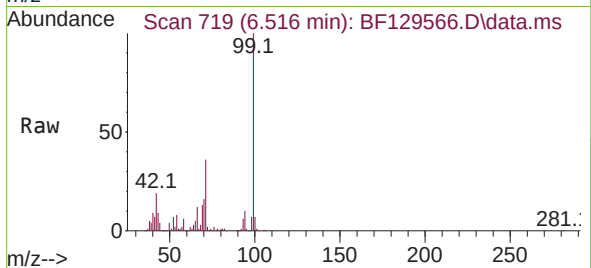
Tgt Ion: 93 Resp: 695800
Ion Ratio Lower Upper
93 100
66 53.1 32.5 48.7#
65 29.0 16.4 24.6#





#7
Phenol-d6
Concen: 111.407 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129566.D
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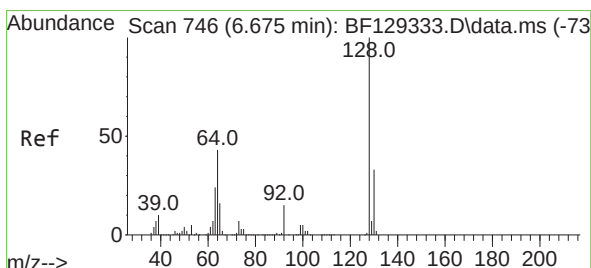
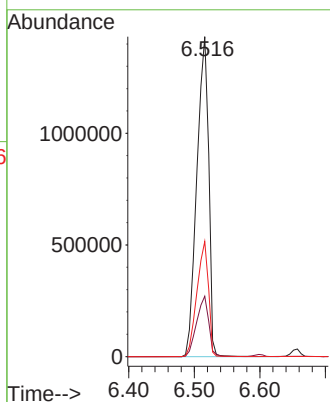
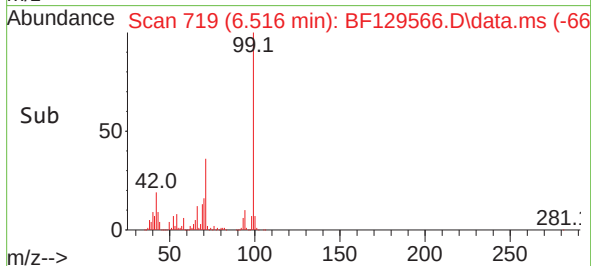
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Tgt Ion: 99 Resp: 1785818
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.0 28.9 43.3

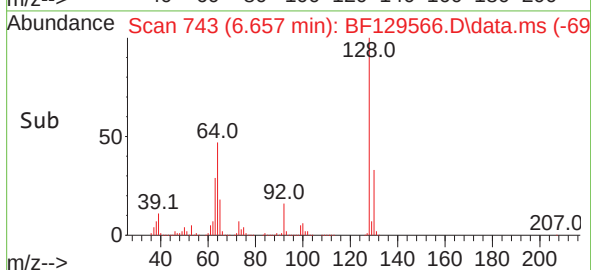
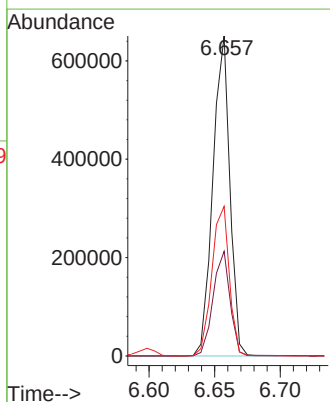
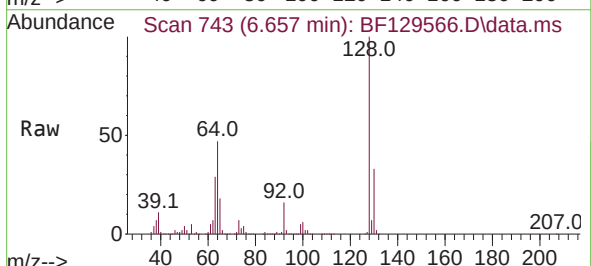
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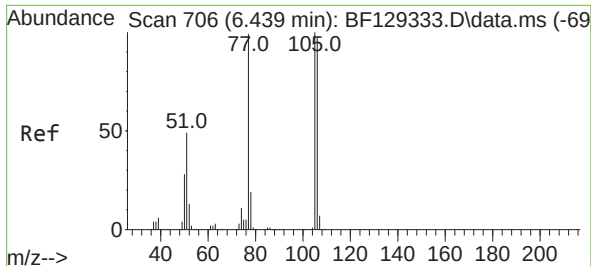
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#8
2-Chlorophenol
Concen: 42.147 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF129566.D
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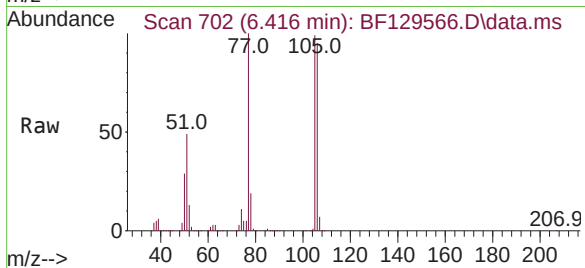
Tgt Ion:128 Resp: 587231
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 46.7 30.9 70.9





#9
Benzaldehyde
Concen: 28.049 ng
RT: 6.416 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

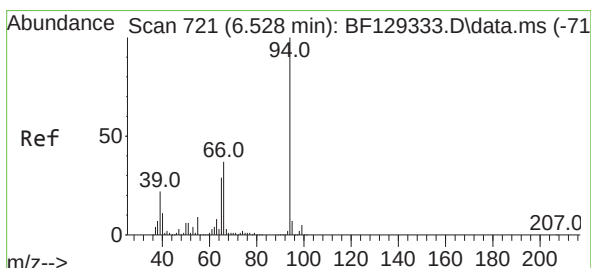
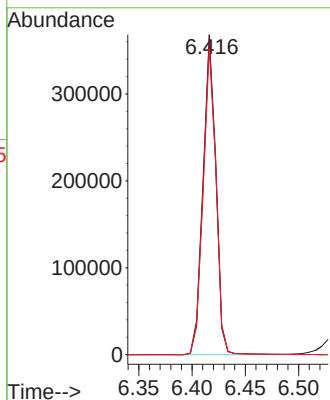
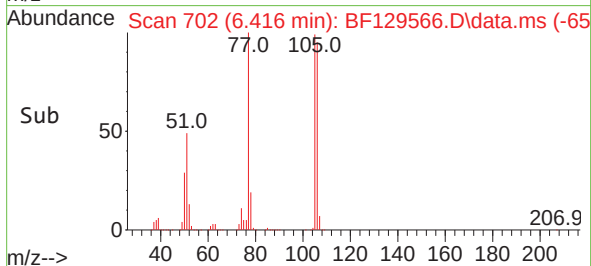
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 305339
Ion Ratio Lower Upper
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105 98.7 81.6 121.6
106 95.4 76.1 116.1

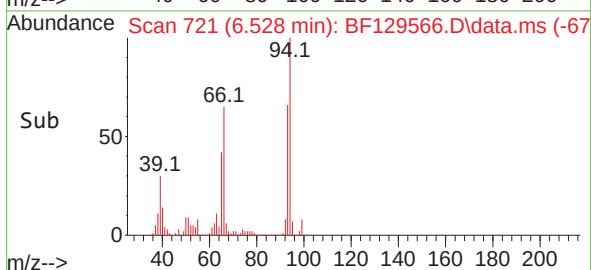
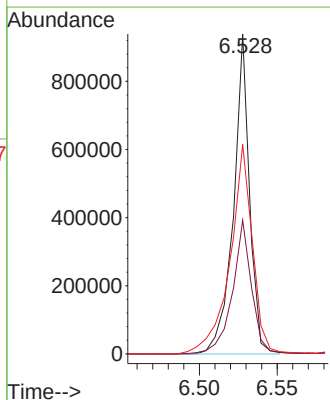
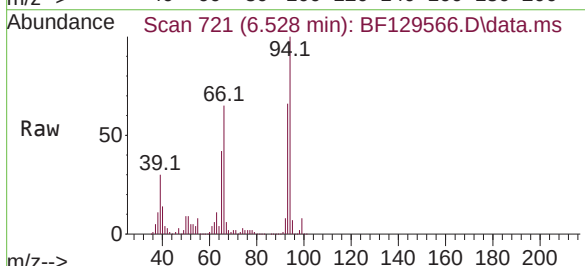
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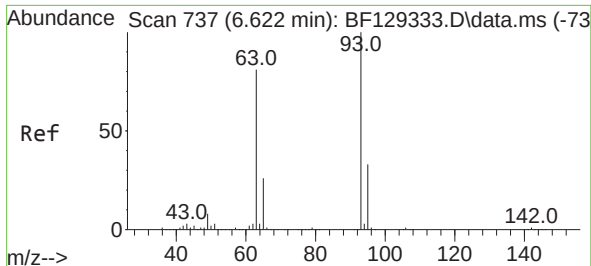
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#10
Phenol
Concen: 39.522 ng m
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF129566.D
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Tgt Ion: 94 Resp: 674652
Ion Ratio Lower Upper
94 100
65 41.8 11.4 51.4
66 65.5 21.4 61.4#





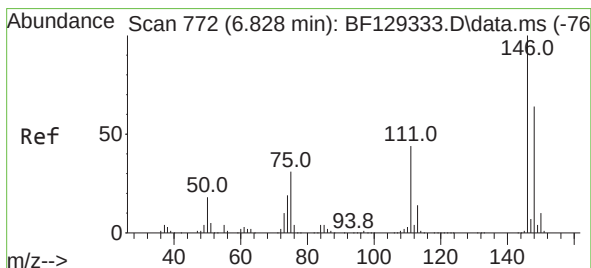
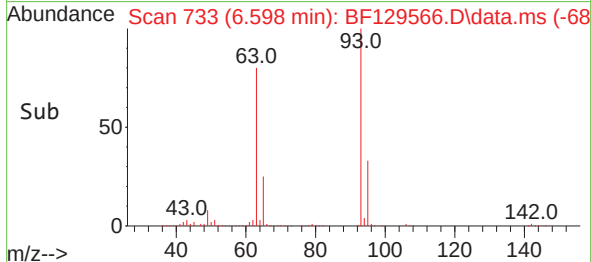
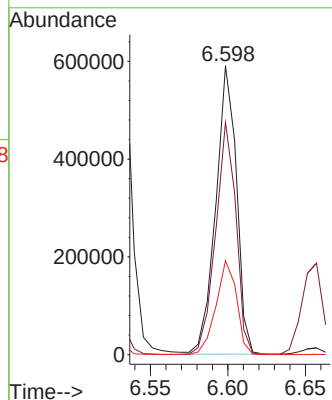
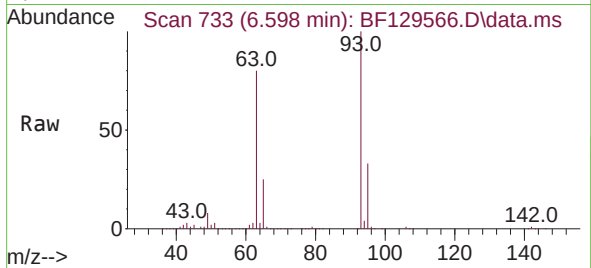
#11
bis(2-Chloroethyl)ether
Concen: 40.635 ng
RT: 6.598 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :
BNA_F
ClientSampleId :
PB146528BS

Tgt Ion: 93 Resp: 550110
Ion Ratio Lower Upper
93 100
63 80.5 67.4 107.4
95 32.6 12.7 52.7

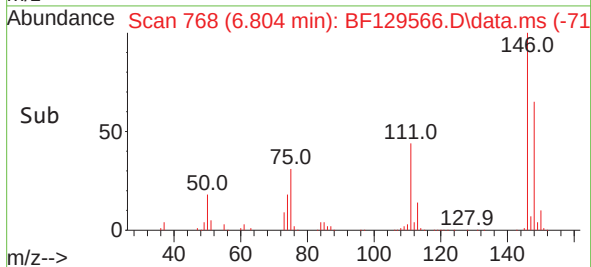
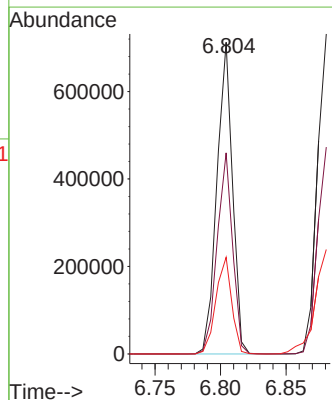
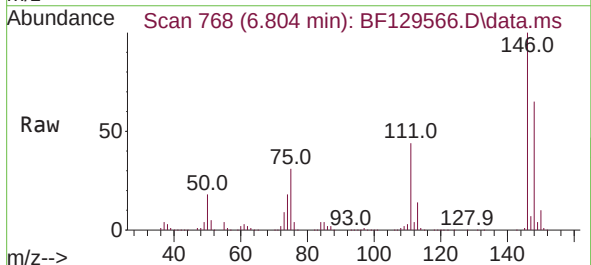
Manual Integrations
APPROVED

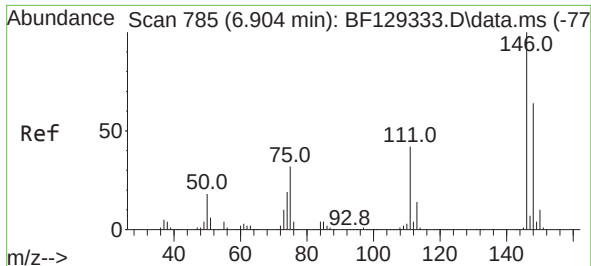
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#12
1,3-Dichlorobenzene
Concen: 39.586 ng
RT: 6.804 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:146 Resp: 591538
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 31.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 39.234 ng

RT: 6.881 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

Tgt Ion:146 Resp: 596253

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

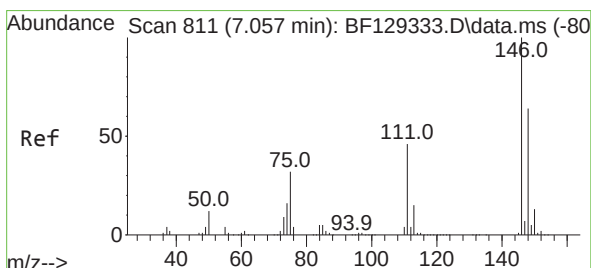
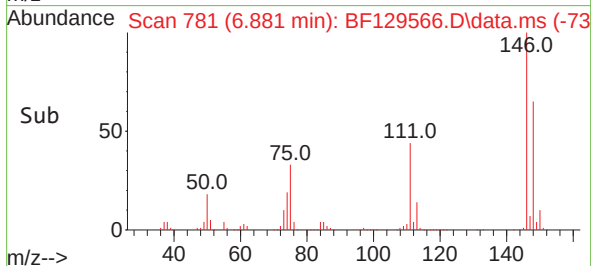
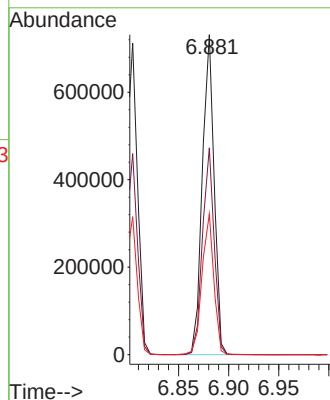
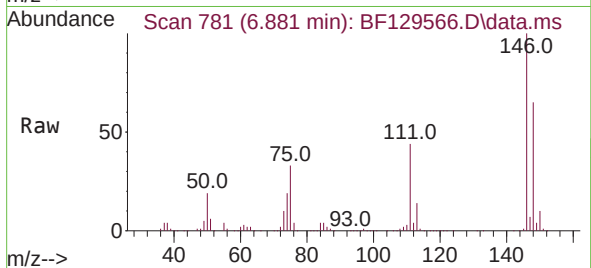
111 43.9 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#14

1,2-Dichlorobenzene

Concen: 40.952 ng

RT: 7.034 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

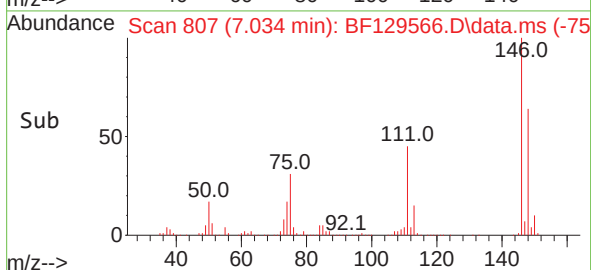
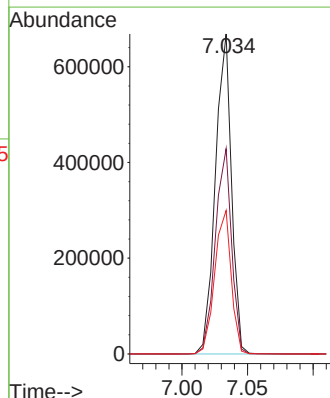
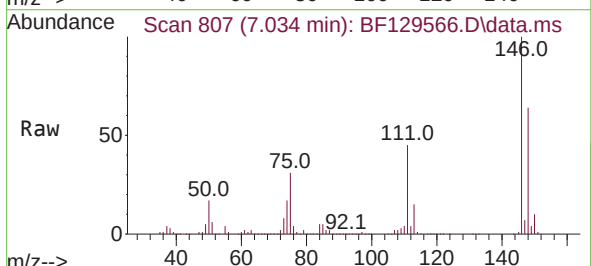
Tgt Ion:146 Resp: 572042

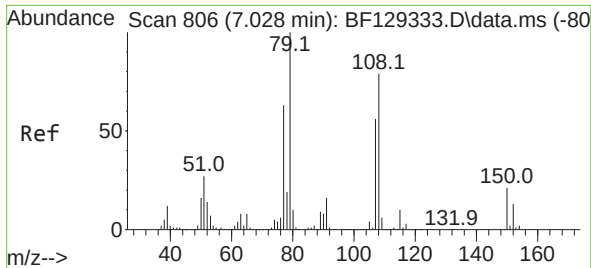
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

111 44.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 43.355 ng

RT: 7.016 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

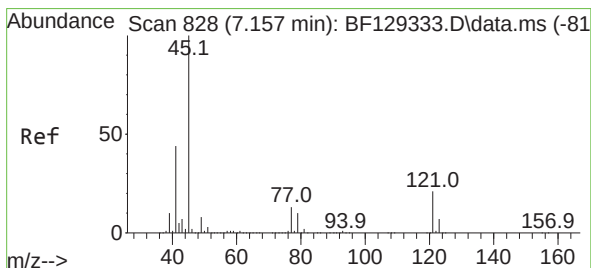
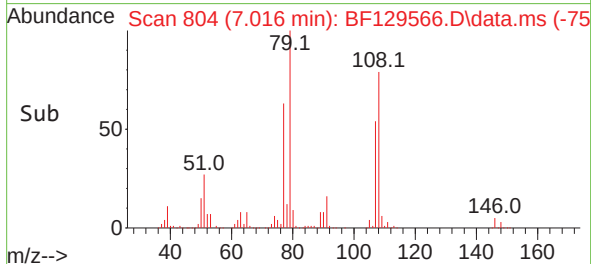
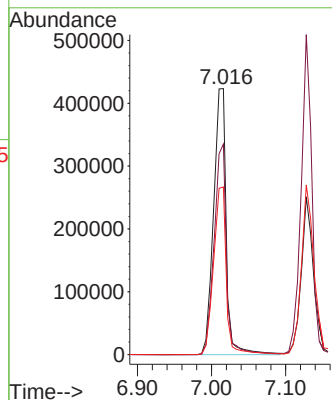
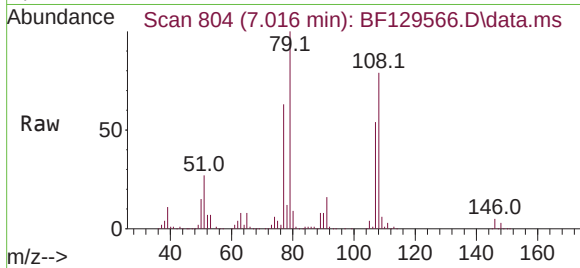
PB146528BS

Tgt Ion:	79	Resp:	504029
Ion Ratio	Lower	Upper	
79	100		
108	79.2	61.8	92.6
77	63.0	50.2	75.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.080 ng

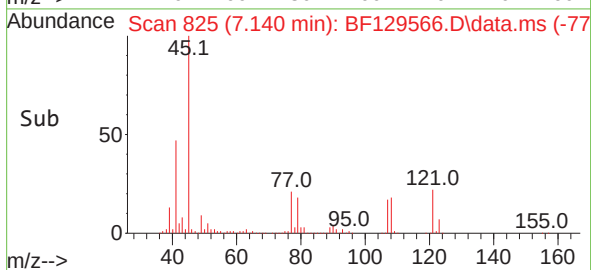
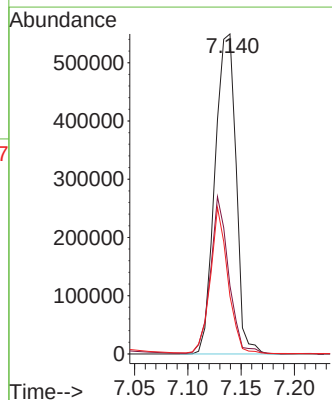
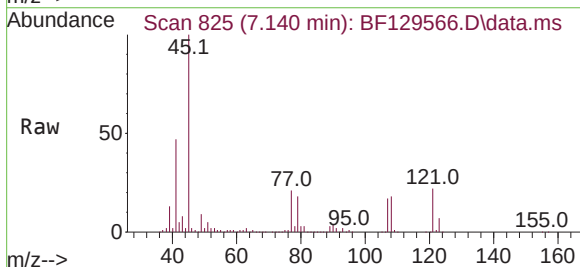
RT: 7.140 min Scan# 825

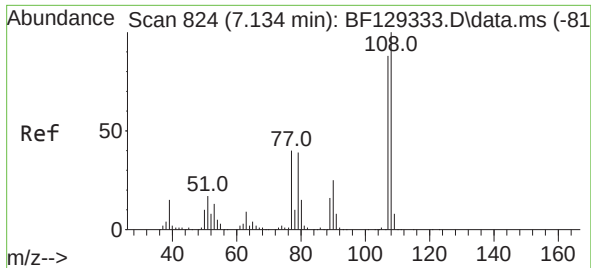
Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

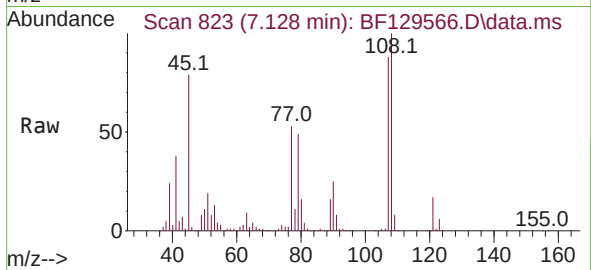
Tgt Ion:	45	Resp:	754567
Ion Ratio	Lower	Upper	
45	100		
77	21.3	0.0	31.3
79	18.1	0.0	28.3





#17
2-Methylphenol
Concen: 39.711 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

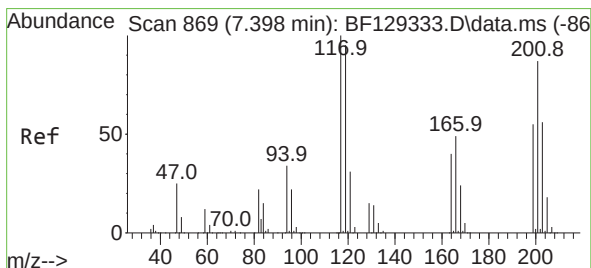
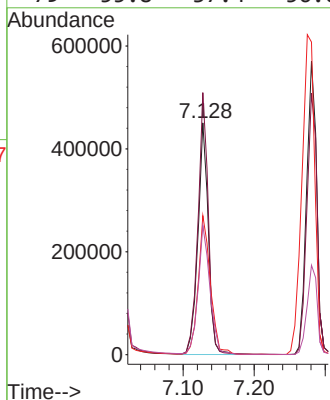
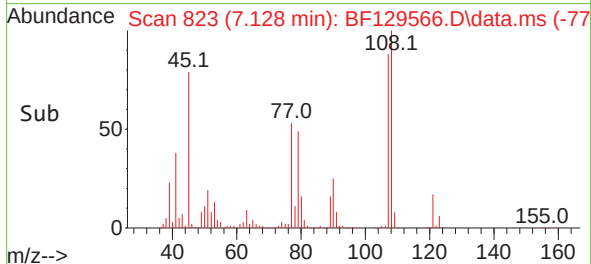
Instrument :
BNA_F
ClientSampleId :
PB146528BS



Tgt Ion:107 Resp: 458998
Ion Ratio Lower Upper
107 100
108 113.0 91.9 137.9
77 59.9 37.8 56.8
79 55.8 37.4 56.0

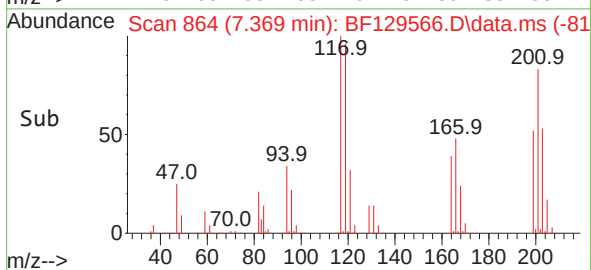
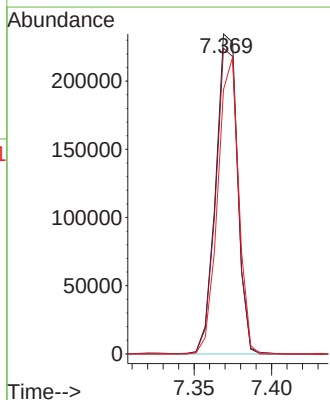
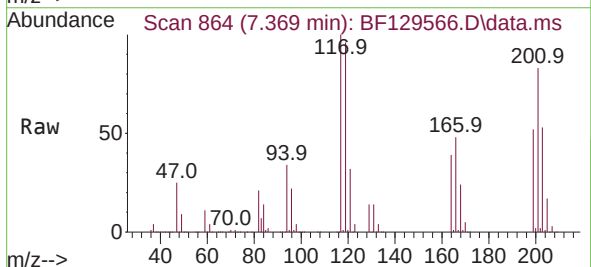
Manual Integrations
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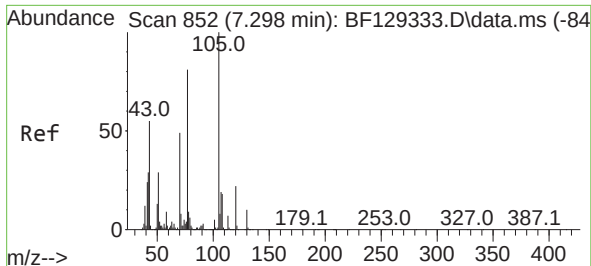
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#18
Hexachloroethane
Concen: 40.399 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:117 Resp: 231175
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
201 82.6 84.6 127.0#





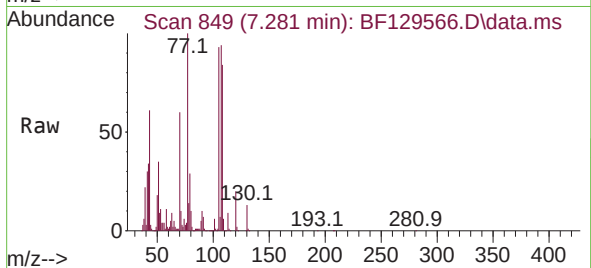
#19
n-Nitroso-di-n-propylamine
Concen: 40.835 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

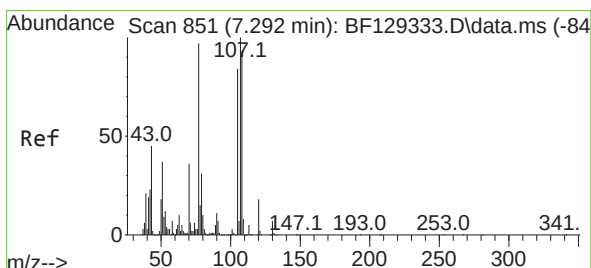
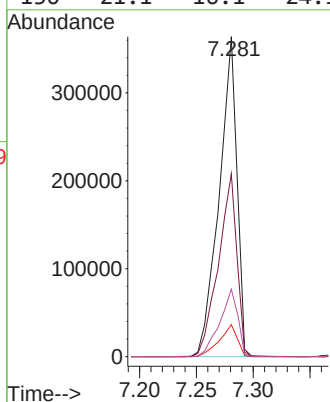
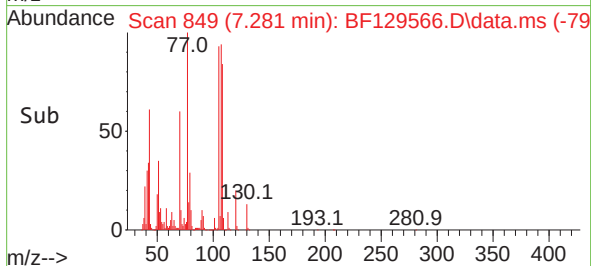


Tgt Ion: 70 Resp: 396278
Ion Ratio Lower Upper
70 100
42 57.1 52.3 78.5
101 10.0 7.5 11.3
130 21.1 16.1 24.1

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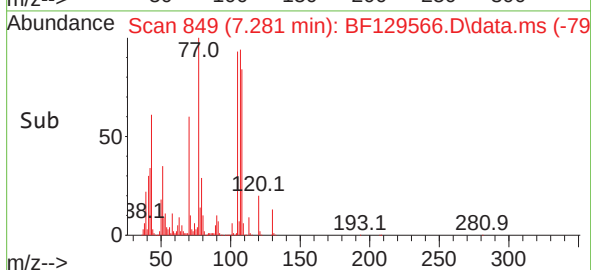
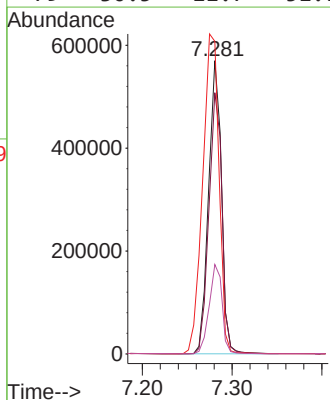
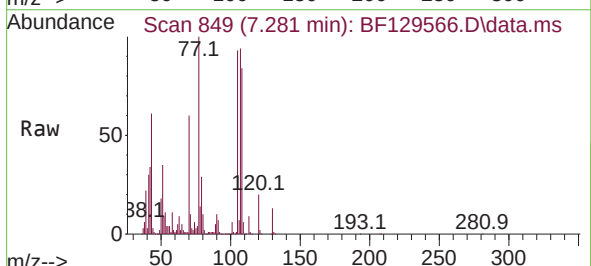
APPROVED

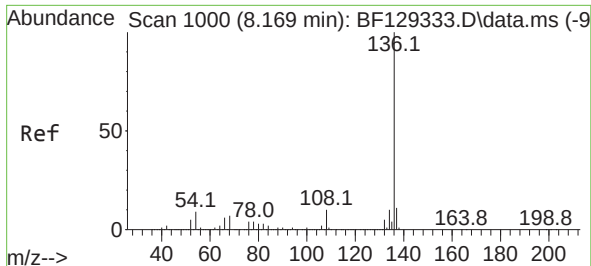
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#20
3+4-Methylphenols
Concen: 38.559 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:107 Resp: 566675
Ion Ratio Lower Upper
107 100
108 89.1 71.8 111.8
77 106.6 59.3 99.3#
79 30.5 11.7 51.7





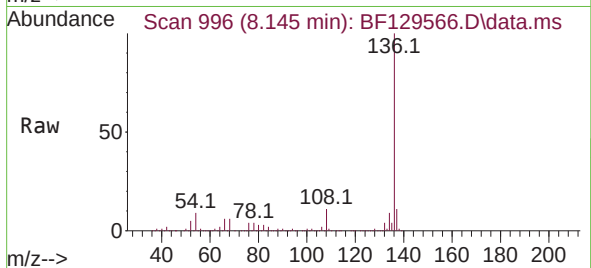
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

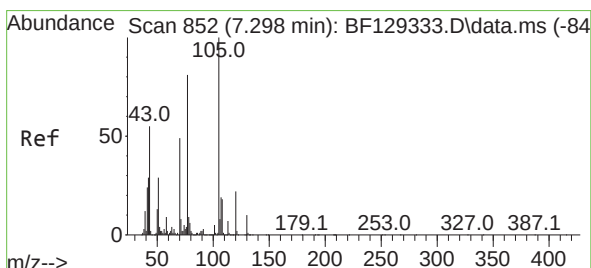
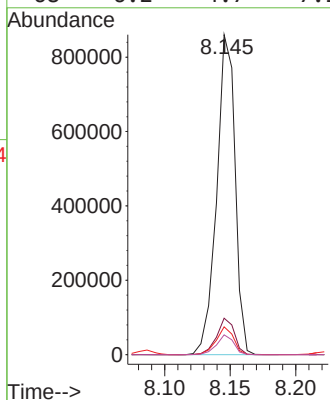
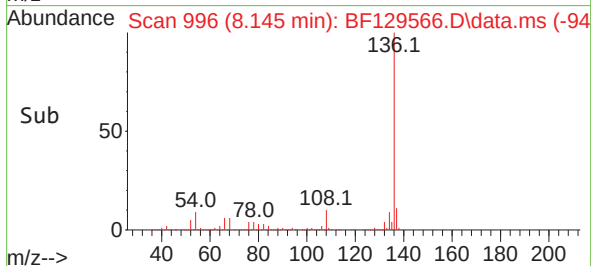
PB146528BS



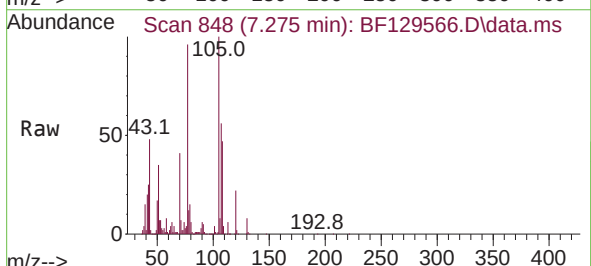
Tgt Ion:136 Resp: 843027
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.7 7.5 11.3
68 6.2 4.7 7.1

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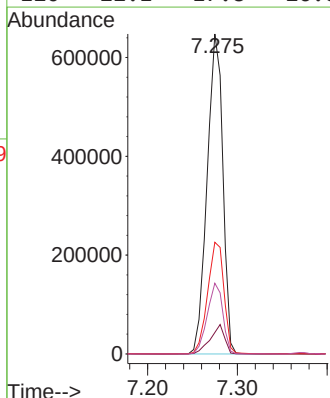
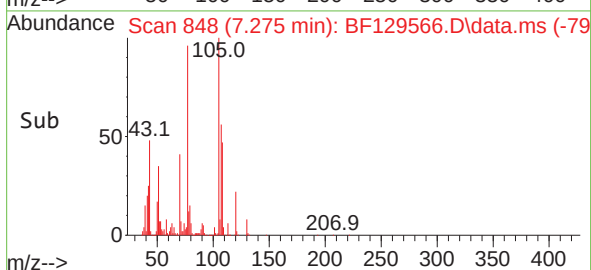
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

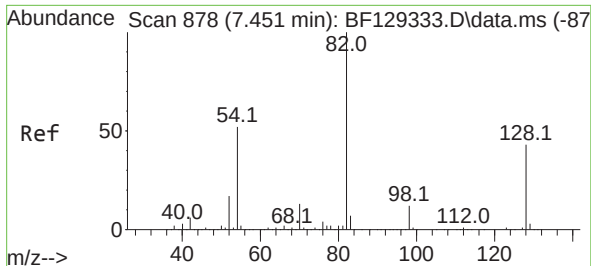


#22
Acetophenone
Concen: 40.047 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



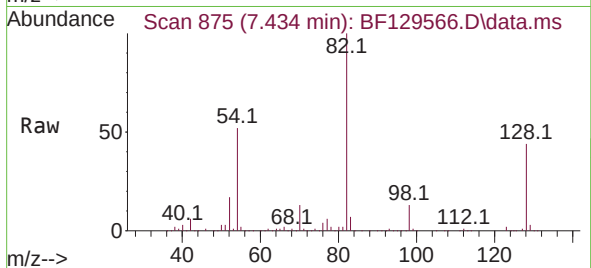
Tgt Ion:105 Resp: 786017
Ion Ratio Lower Upper
105 100
71 6.7 5.0 7.4
51 34.9 25.0 37.4
120 22.1 17.8 26.8





#23
Nitrobenzene-d5
Concen: 74.687 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

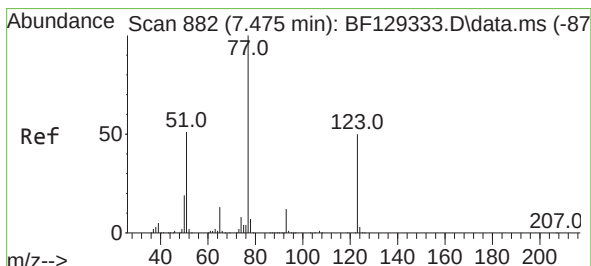
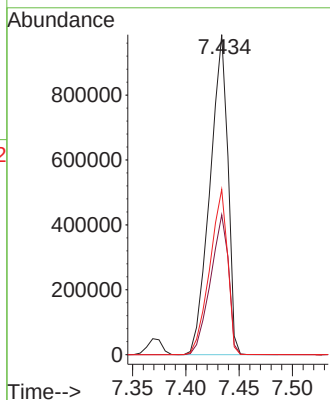
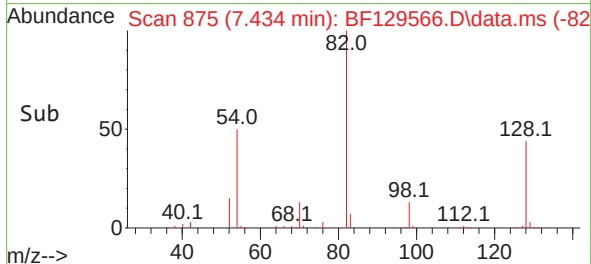
Instrument :
BNA_F
ClientSampleId :
PB146528BS



Tgt Ion: 82 Resp: 1153410
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 51.7 46.9 70.3

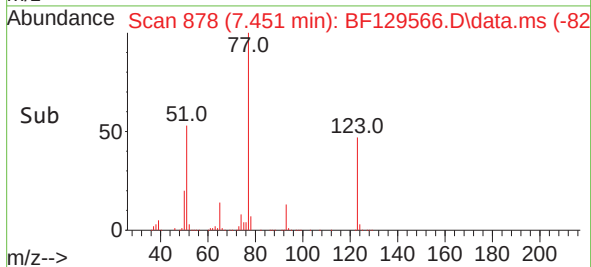
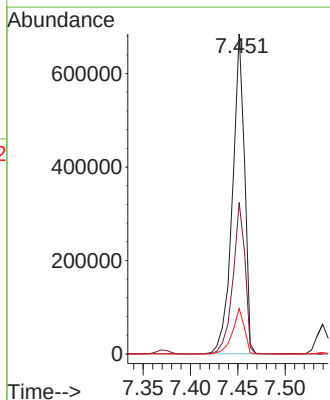
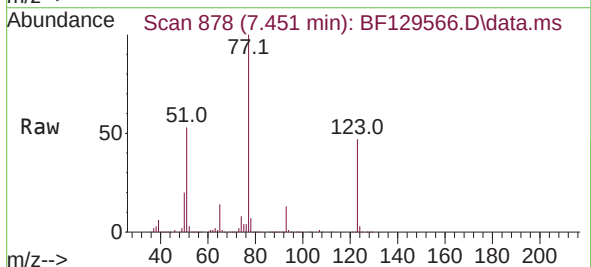
Manual Integrations
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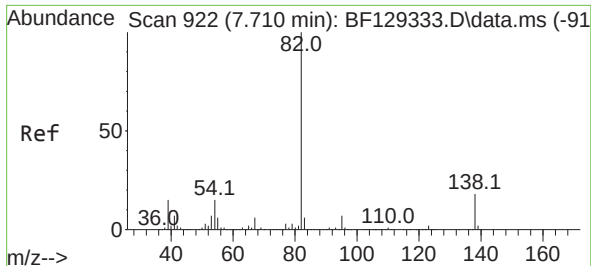
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#24
Nitrobenzene
Concen: 38.371 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion: 77 Resp: 610205
Ion Ratio Lower Upper
77 100
123 47.3 35.4 53.2
65 14.2 11.8 17.8





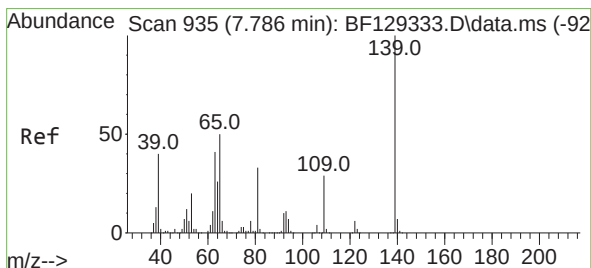
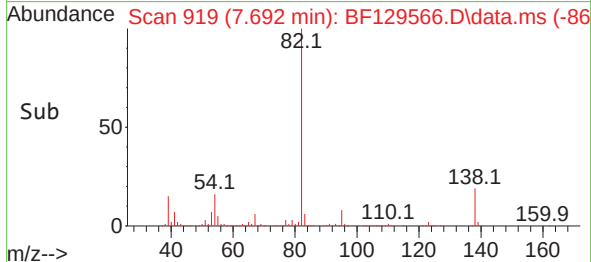
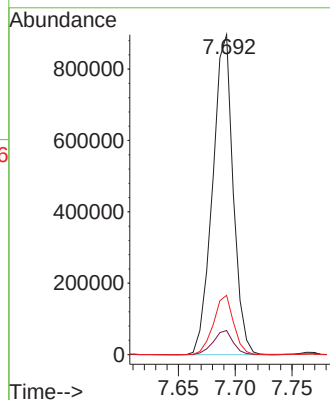
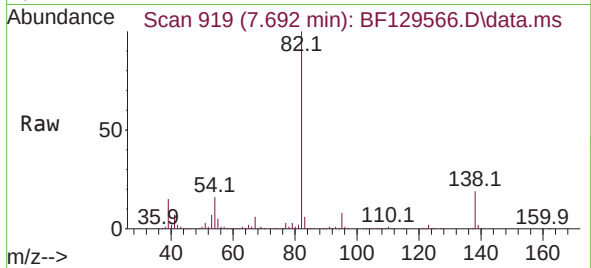
#25
Isophorone
Concen: 40.685 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :
BNA_F
ClientSampleId :
PB146528BS

Tgt Ion: 82 Resp: 1126254
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.5 14.2 21.2

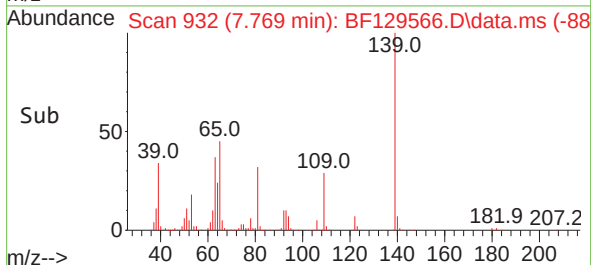
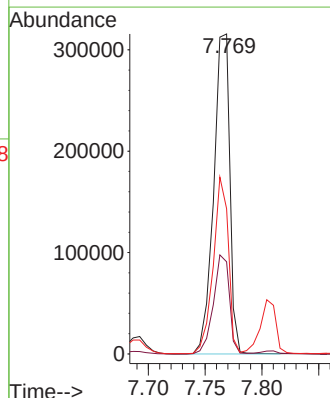
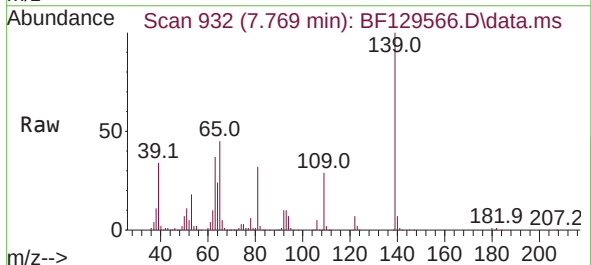
Manual Integrations
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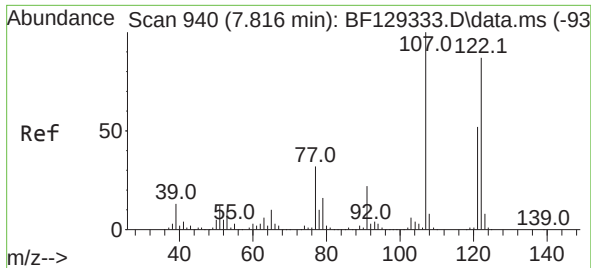
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#26
2-Nitrophenol
Concen: 39.855 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:139 Resp: 312675
Ion Ratio Lower Upper
139 100
109 28.8 25.0 37.4
65 45.4 45.1 67.7





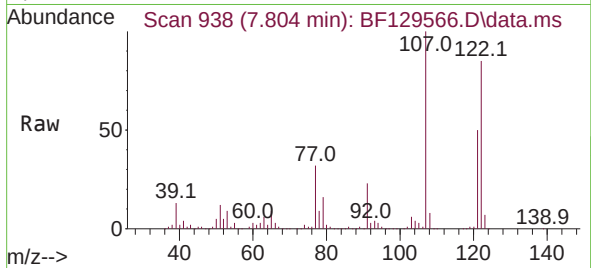
#27
2,4-Dimethylphenol
Concen: 44.949 ng m
RT: 7.804 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

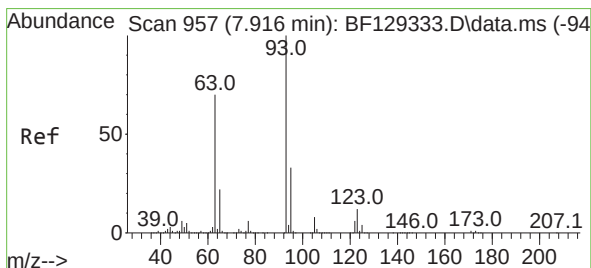
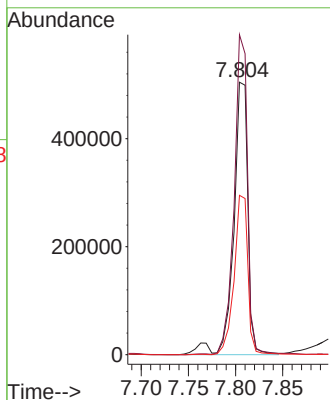
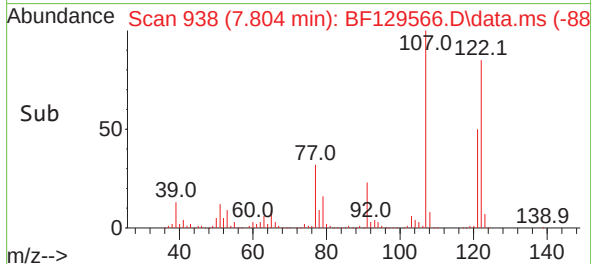


Tgt Ion:122 Resp: 528962
Ion Ratio Lower Upper
122 100
107 117.5 93.0 139.6
121 58.5 46.6 70.0

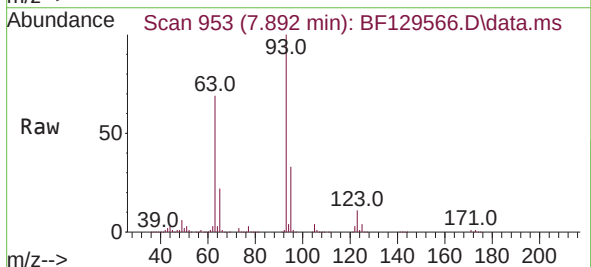
Manual Integrations

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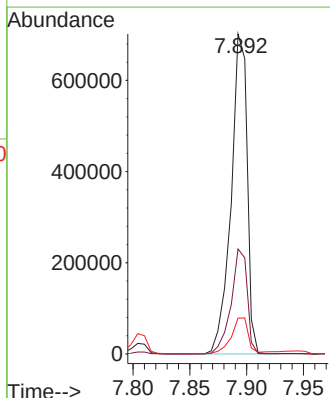
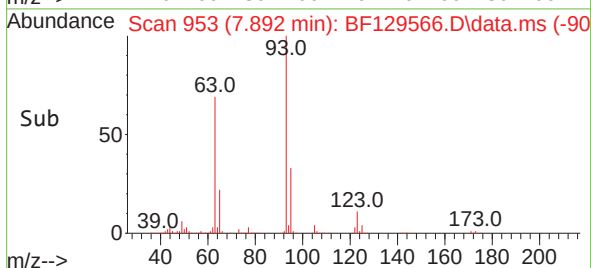
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

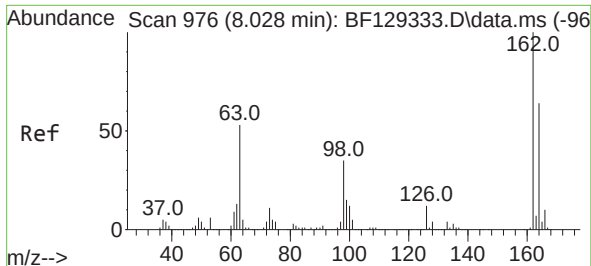


#28
bis(2-Chloroethoxy)methane
Concen: 43.126 ng
RT: 7.892 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion: 93 Resp: 692534
Ion Ratio Lower Upper
93 100
95 32.8 26.8 40.2
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.591 ng

RT: 8.016 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129566.D

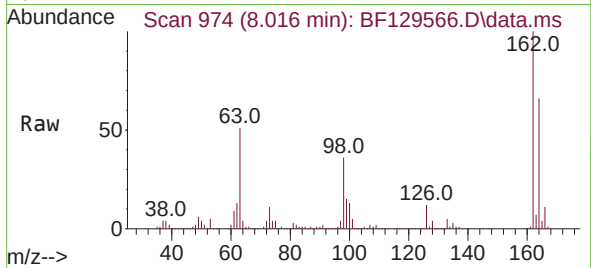
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS



Tgt Ion:162 Resp: 480880

Ion Ratio Lower Upper

162 100

164 66.1 44.2 84.2

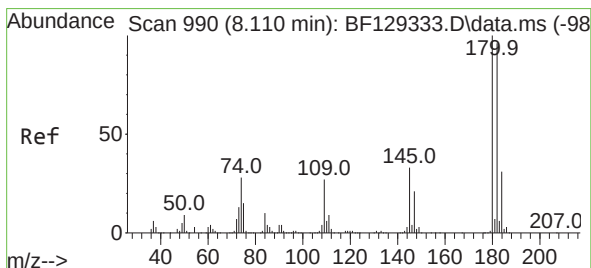
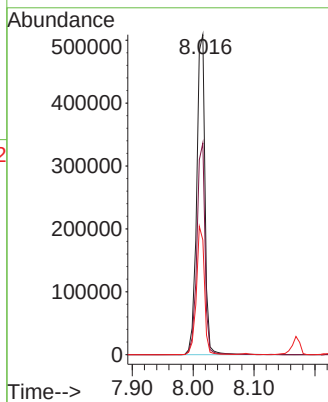
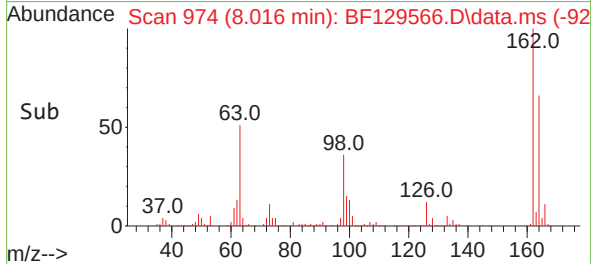
98 35.8 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.105 ng

RT: 8.086 min Scan# 986

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

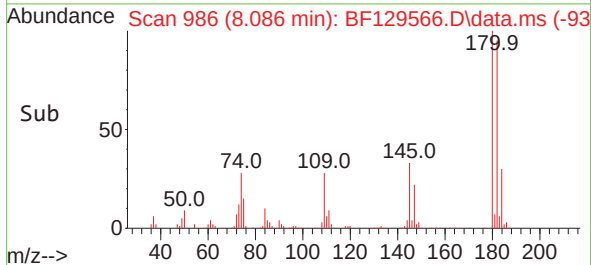
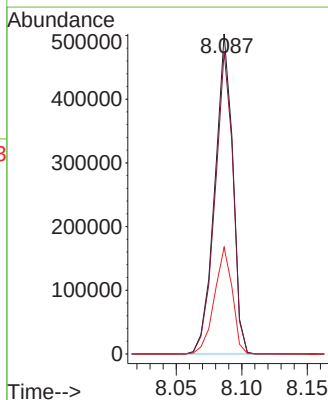
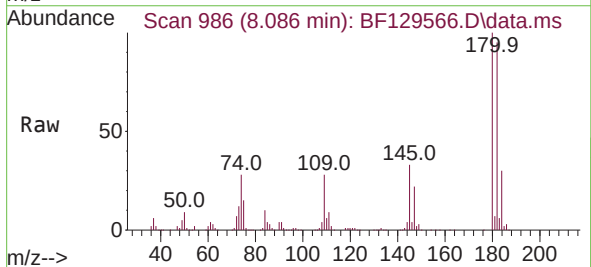
Tgt Ion:180 Resp: 479075

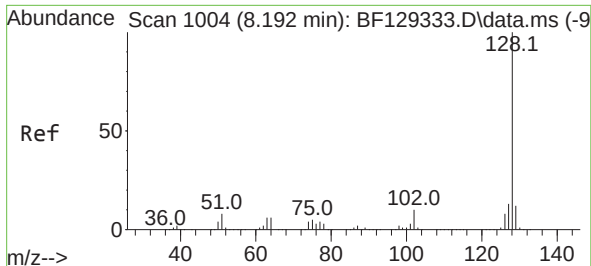
Ion Ratio Lower Upper

180 100

182 94.6 79.2 118.8

145 33.3 26.2 39.2





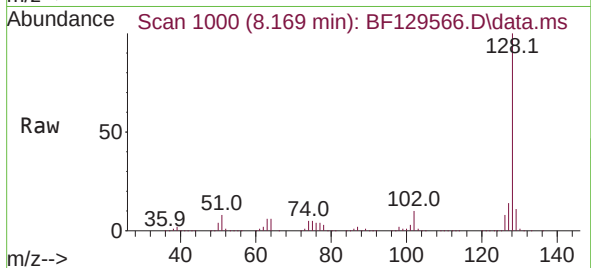
#31
Naphthalene
Concen: 37.712 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

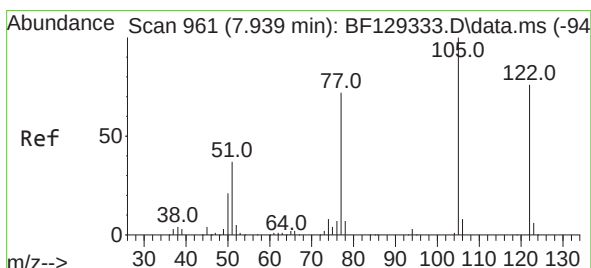
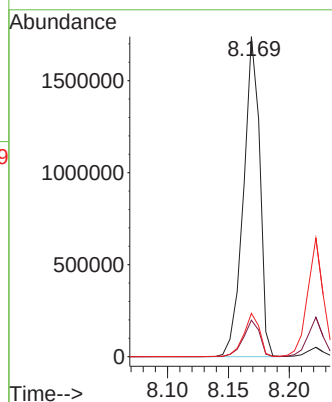
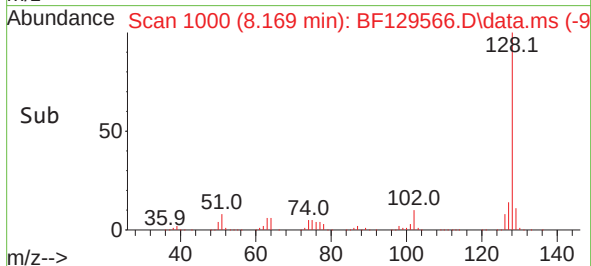


Tgt Ion:128 Resp: 161524
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.5 15.7

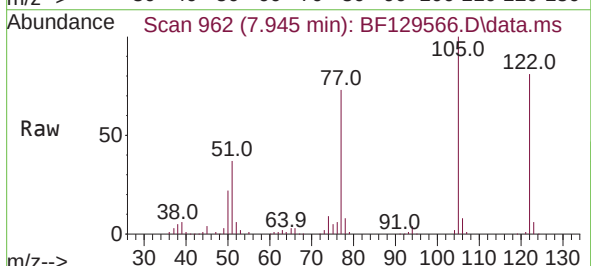
Manual Integrations

APPROVED

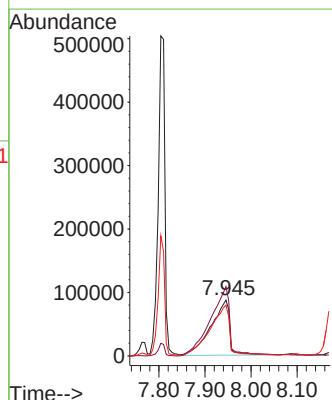
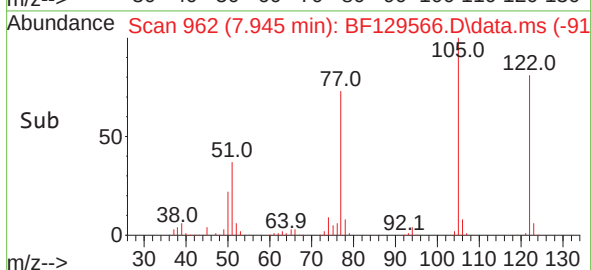
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

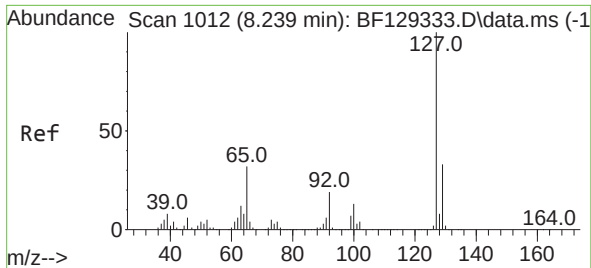


#32
Benzoic acid
Concen: 29.237 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:122 Resp: 248736
Ion Ratio Lower Upper
122 100
105 124.1 107.1 147.1
77 91.0 74.2 114.2





#33
4-Chloroaniline
Concen: 36.032 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

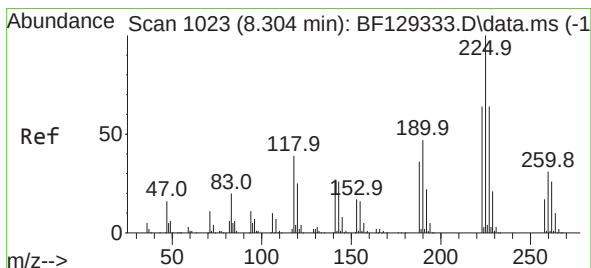
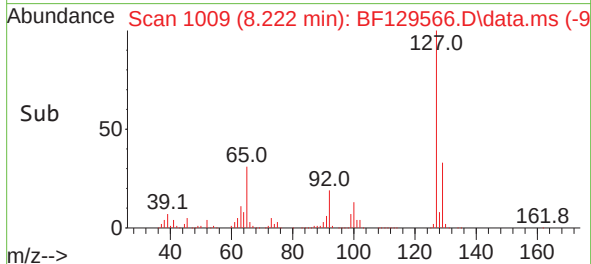
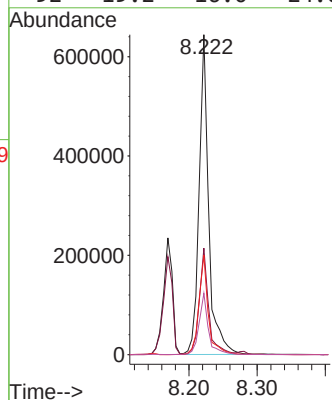
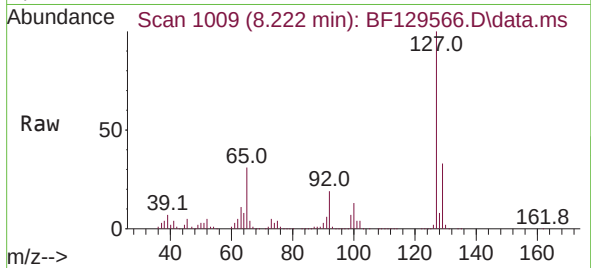
PB146528BS

Tgt Ion:127	Resp: 633609
Ion Ratio	Lower Upper
127 100	
129 33.3	26.4 39.6
65 31.1	26.4 39.6
92 19.2	16.0 24.0

Manual Integrations

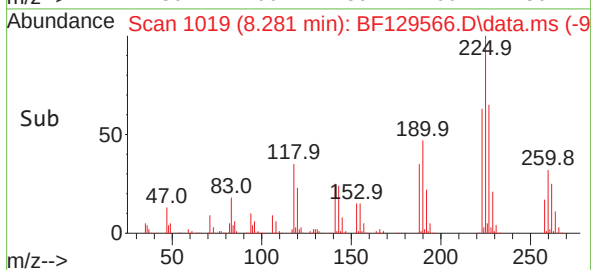
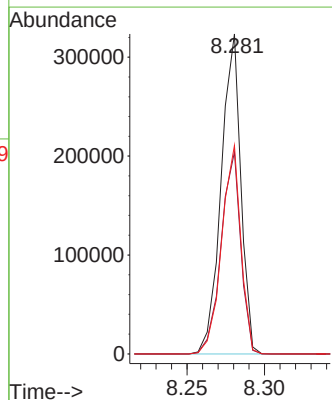
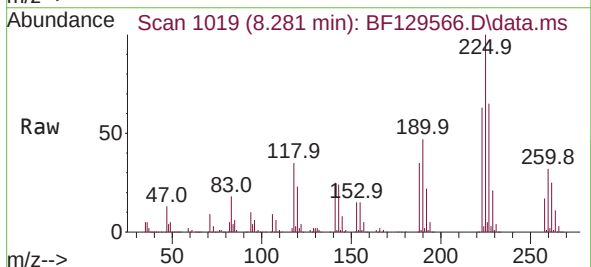
APPROVED

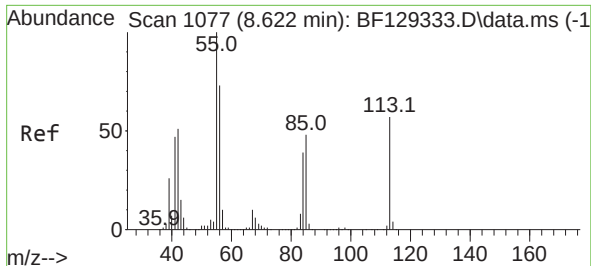
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#34
Hexachlorobutadiene
Concen: 40.055 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

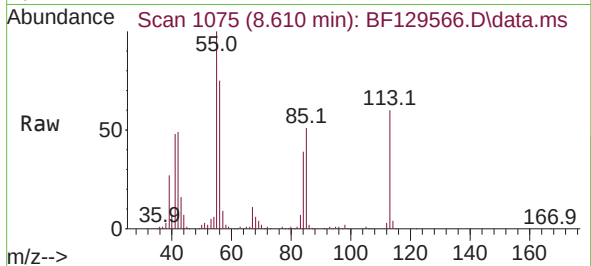
Tgt Ion:225	Resp: 286258
Ion Ratio	Lower Upper
225 100	
223 63.1	51.0 76.6
227 65.2	51.1 76.7





#35
 Caprolactam
 Concen: 39.827 ng m
 RT: 8.610 min Scan# 1075
 Delta R.T. -0.000 min
 Lab File: BF129566.D
 Acq: 04 Aug 2022 11:54

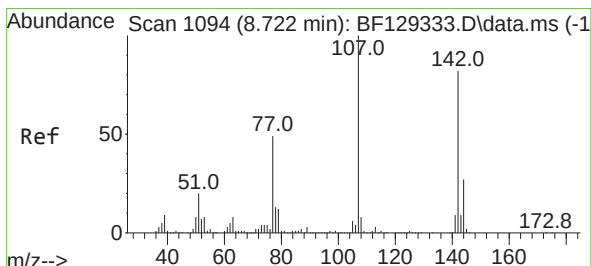
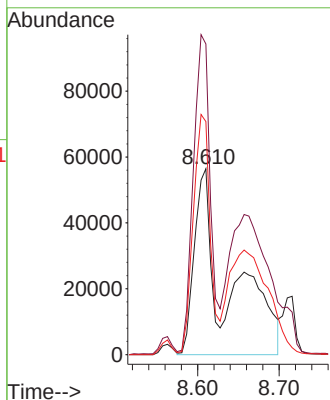
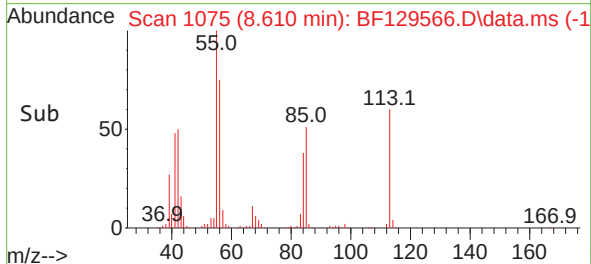
Instrument :
 BNA_F
 ClientSampleId :
 PB146528BS



Tgt Ion:113 Resp: 157276
 Ion Ratio Lower Upper
 113 100
 55 167.1 188.5 228.5
 56 125.4 130.6 170.6

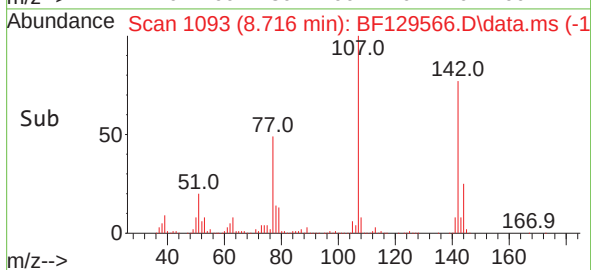
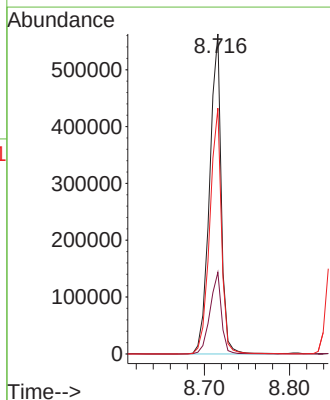
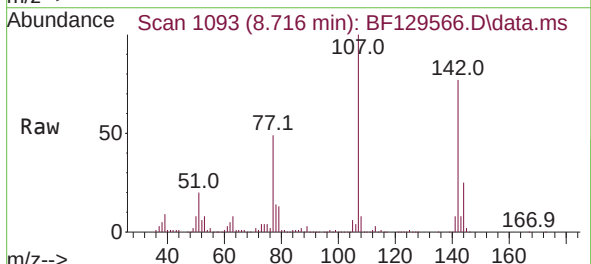
Manual Integrations
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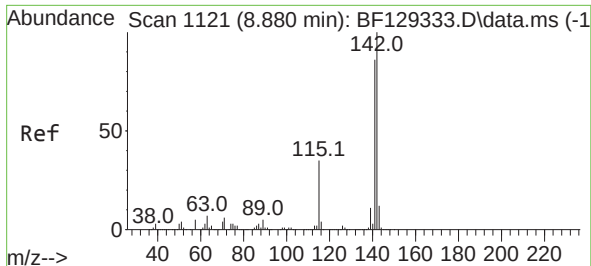
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.438 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF129566.D
 Acq: 04 Aug 2022 11:54

Tgt Ion:107 Resp: 533829
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 76.8 58.2 87.4





#37
2-Methylnaphthalene
Concen: 38.553 ng
RT: 8.863 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

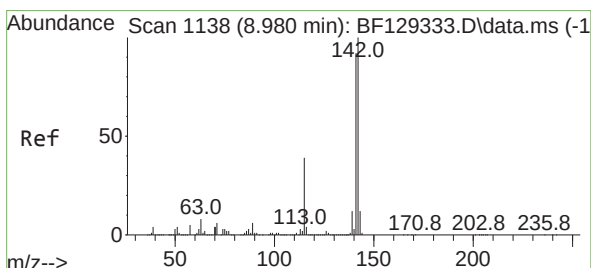
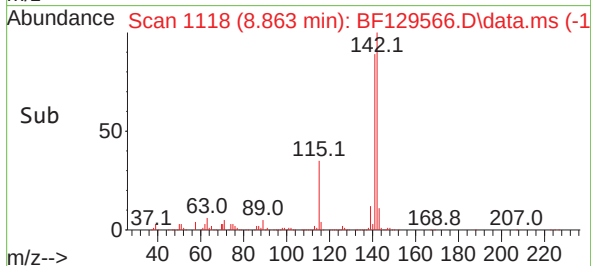
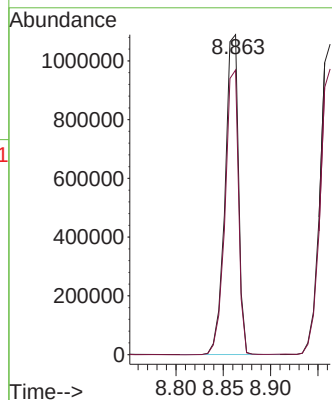
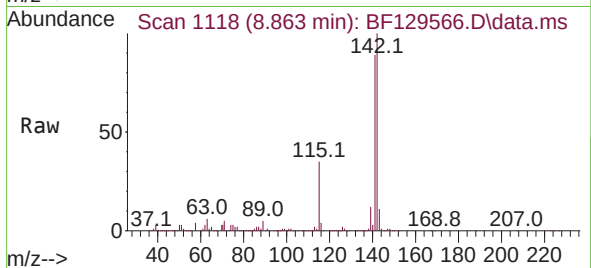
PB146528BS

Tgt Ion:142 Resp: 107308
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4

Manual Integrations

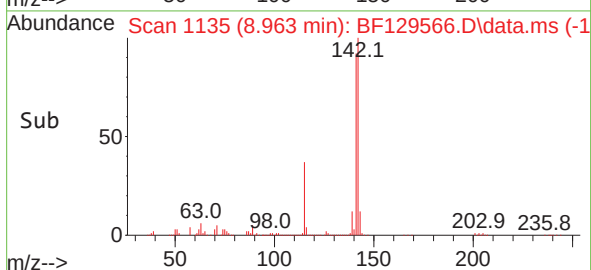
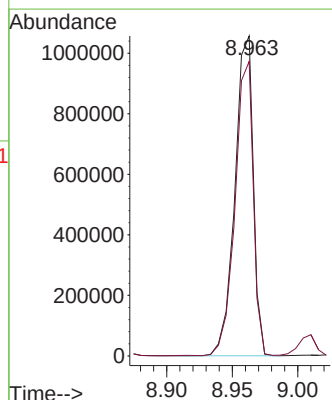
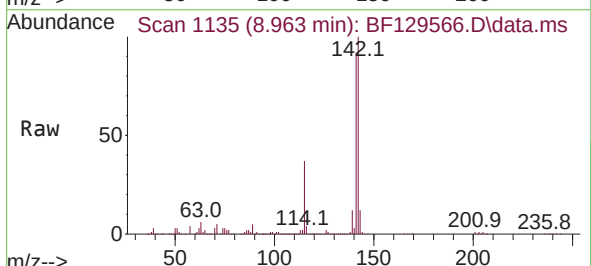
APPROVED

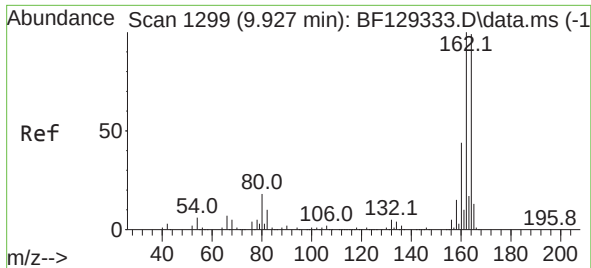
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#38
1-Methylnaphthalene
Concen: 38.392 ng
RT: 8.963 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:142 Resp: 1031565
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF129566.D

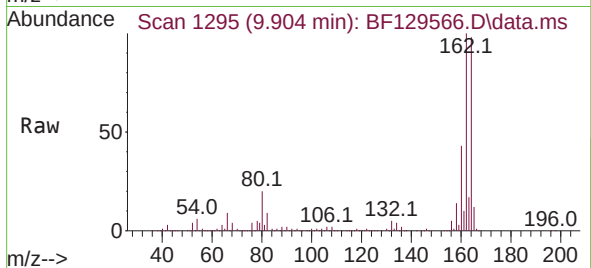
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS



Tgt Ion:164 Resp: 447020

Ion Ratio Lower Upper

164 100

162 102.3 79.5 119.3

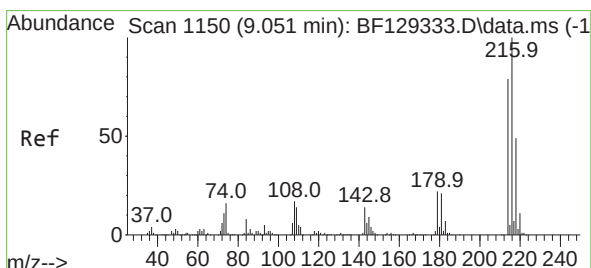
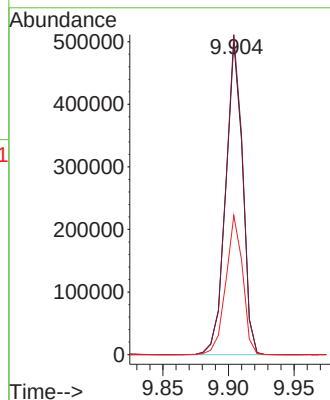
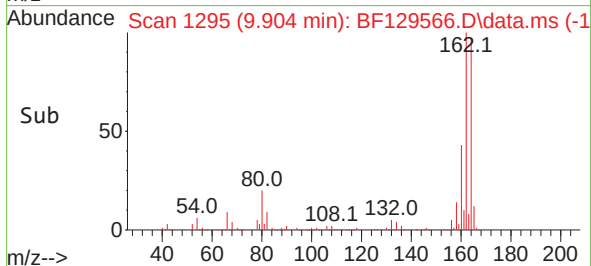
160 44.5 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.087 ng

RT: 9.028 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Tgt Ion:216 Resp: 470537

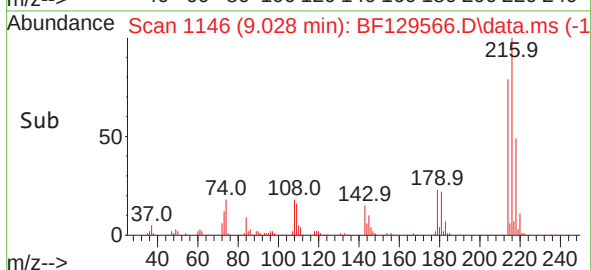
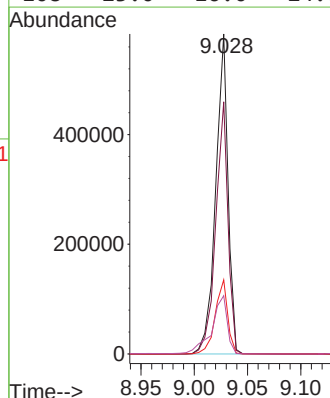
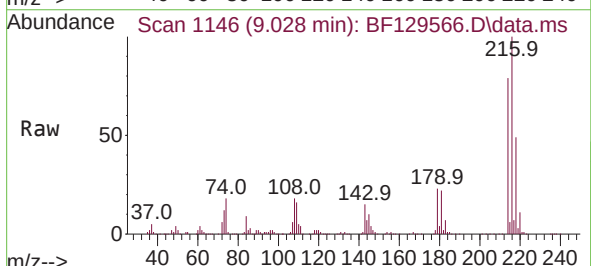
Ion Ratio Lower Upper

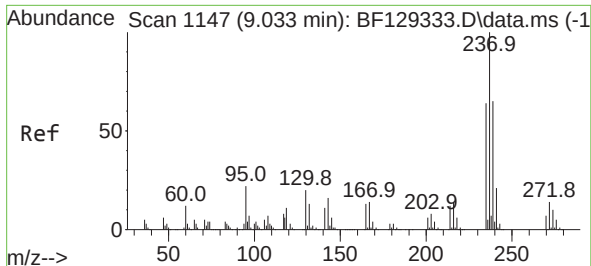
216 100

214 78.6 63.6 95.4

179 23.4 17.0 25.6

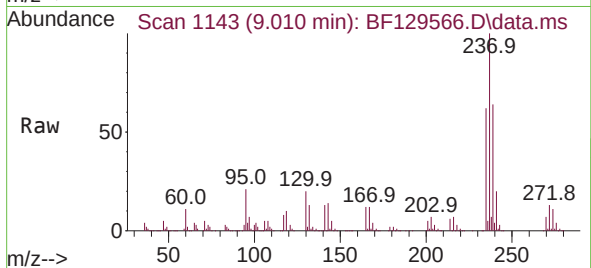
108 23.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 90.286 ng
RT: 9.010 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

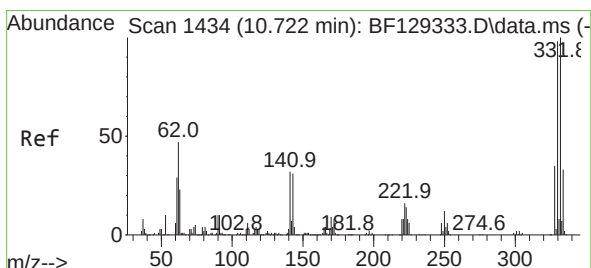
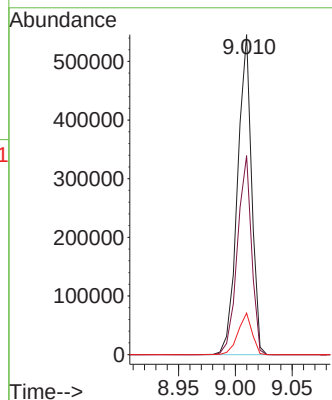
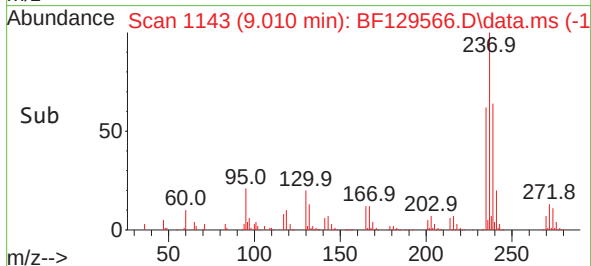
Instrument :
BNA_F
ClientSampleId :
PB146528BS



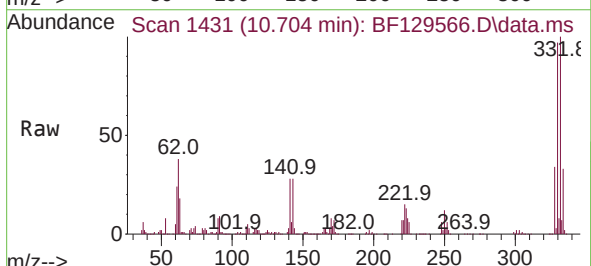
Tgt Ion:237 Resp: 471898
Ion Ratio Lower Upper
237 100
235 62.2 43.2 83.2
272 13.0 0.0 31.9

Manual Integrations
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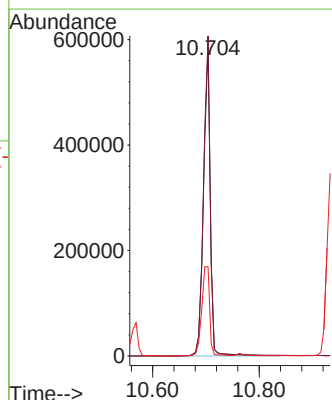
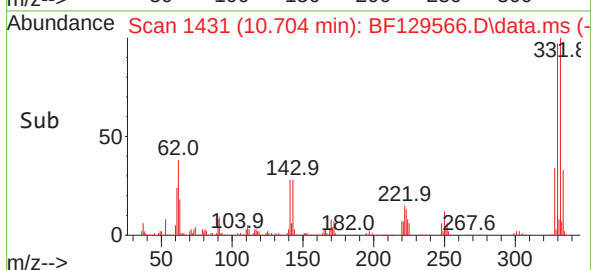
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

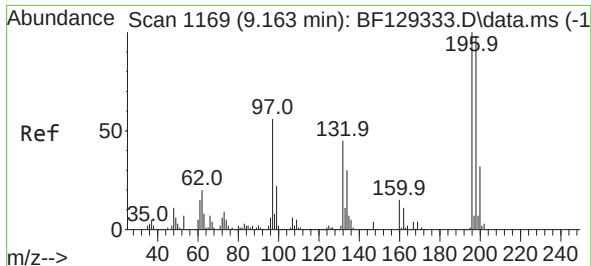


#42
2,4,6-Tribromophenol
Concen: 119.136 ng
RT: 10.704 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:330 Resp: 512017
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 34.1 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 38.310 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

Tgt Ion:196 Resp: 326600

Ion Ratio Lower Upper

196 100

198 96.4 74.0 111.0

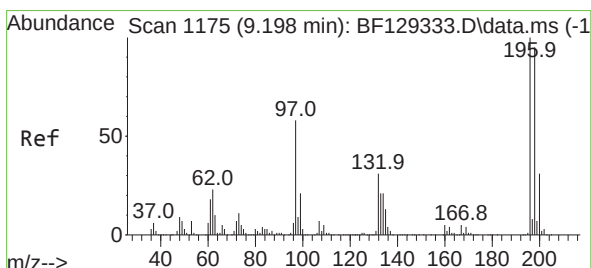
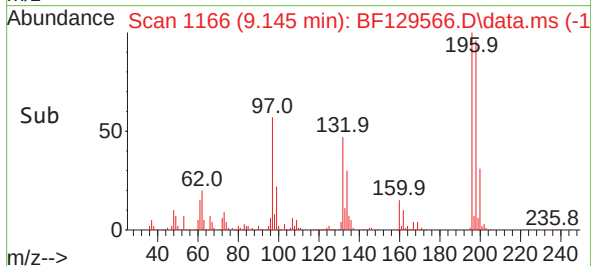
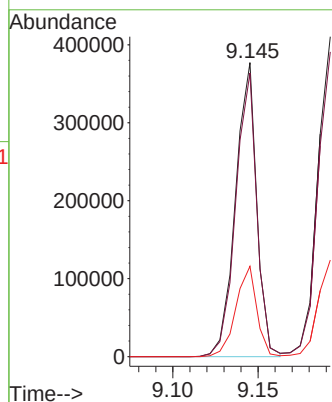
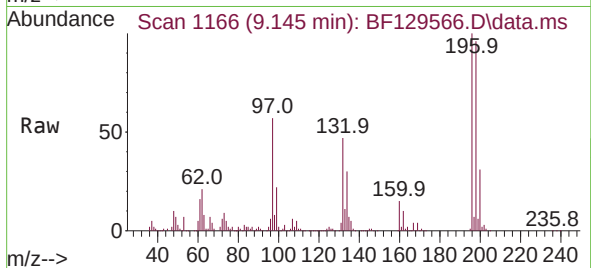
200 30.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#44

2,4,5-Trichlorophenol

Concen: 38.224 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Tgt Ion:196 Resp: 354381

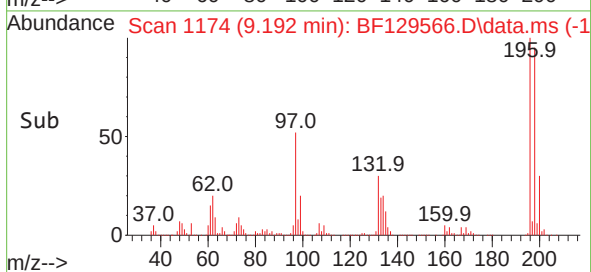
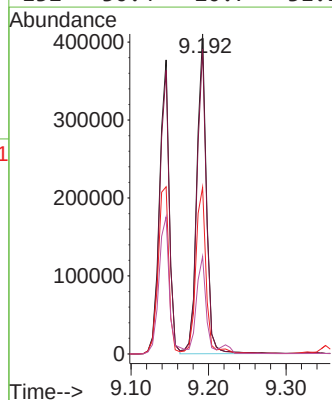
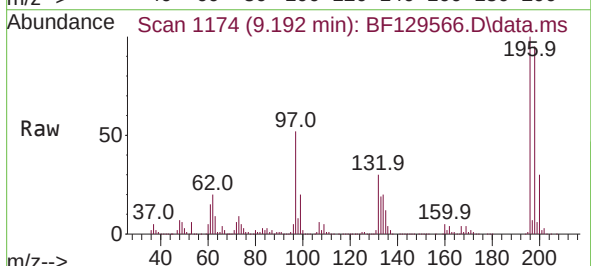
Ion Ratio Lower Upper

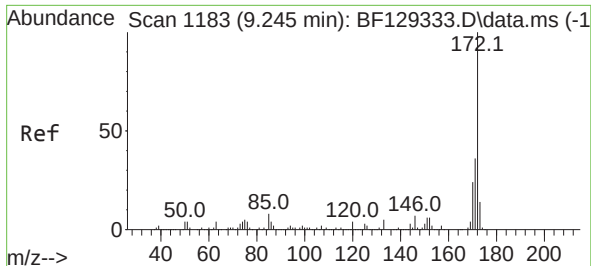
196 100

198 95.2 75.7 113.5

97 52.0 36.4 54.6

132 30.4 20.7 31.1





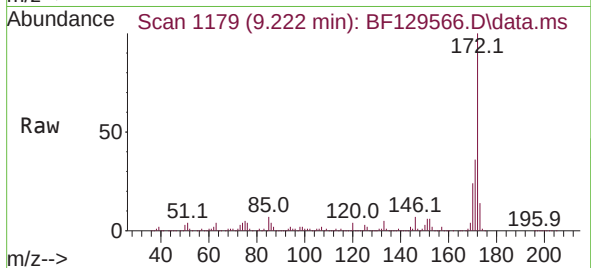
#45
2-Fluorobiphenyl
Concen: 72.066 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

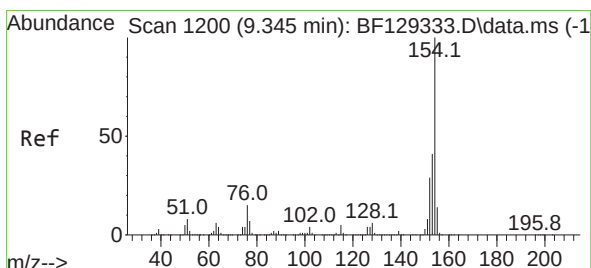
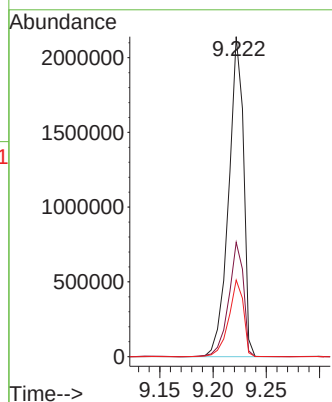
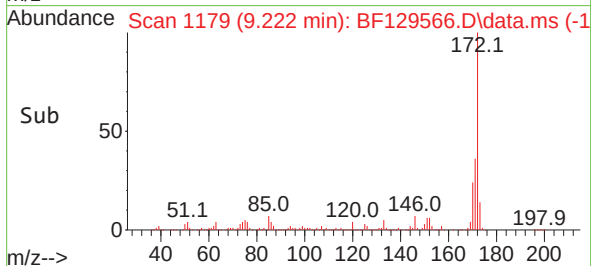


Tgt Ion:172 Resp: 2082479
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.0 19.8 29.8

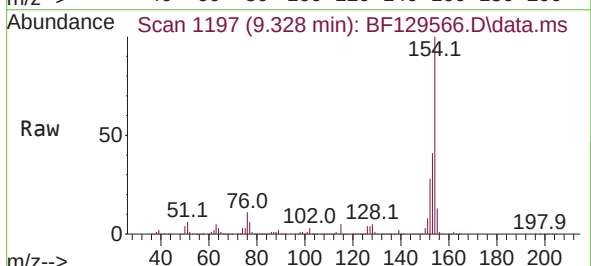
Manual Integrations

APPROVED

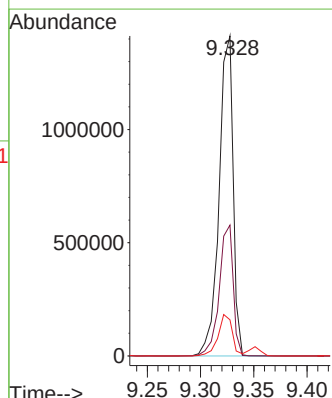
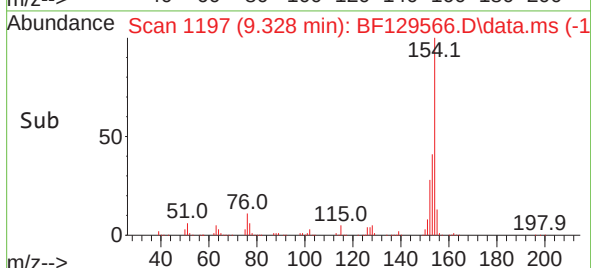
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

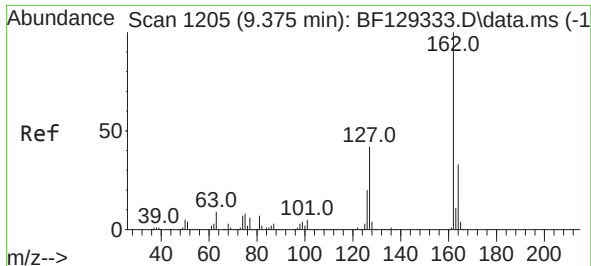


#46
1,1'-Biphenyl
Concen: 39.821 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:154 Resp: 1299108
Ion Ratio Lower Upper
154 100
153 40.9 20.6 60.6
76 11.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.026 ng

RT: 9.351 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

Tgt Ion:162 Resp: 1029222

Ion Ratio Lower Upper

162 100

127 43.6 34.5 51.7

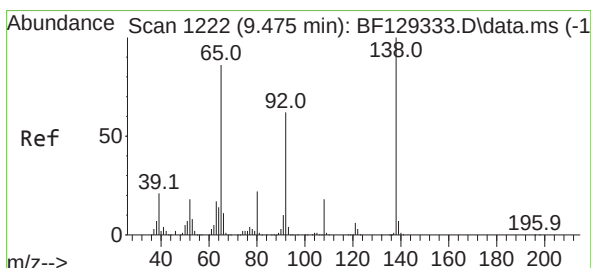
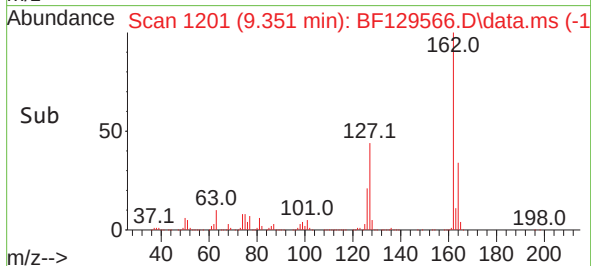
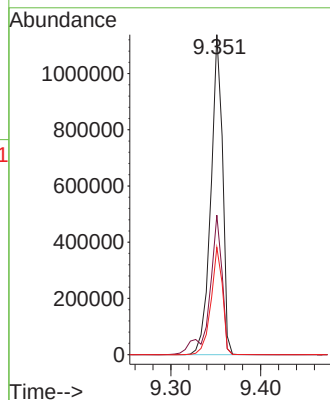
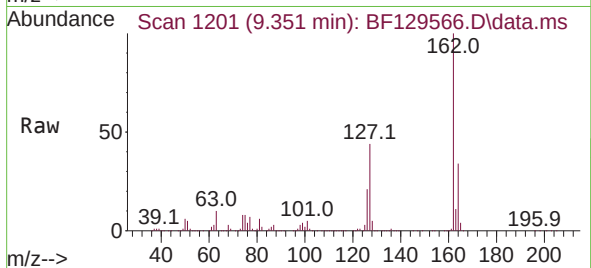
164 33.5 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#48

2-Nitroaniline

Concen: 38.590 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

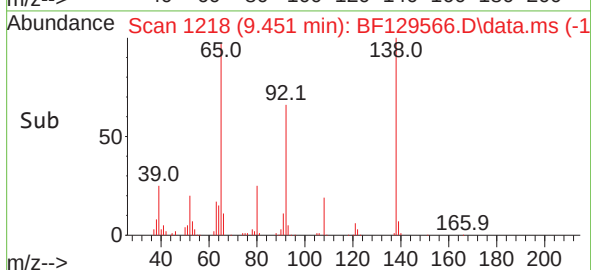
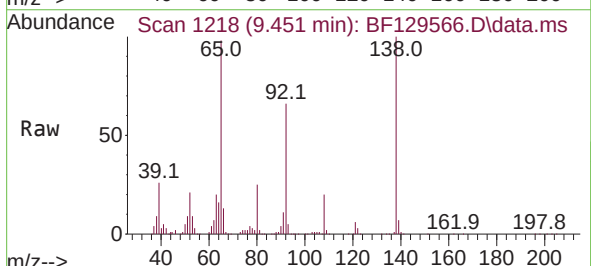
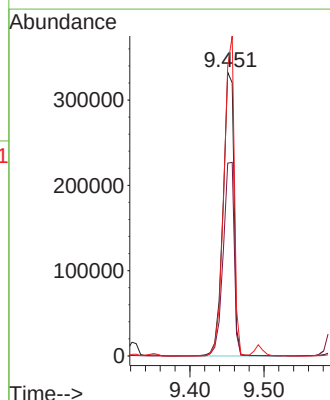
Tgt Ion: 65 Resp: 338414

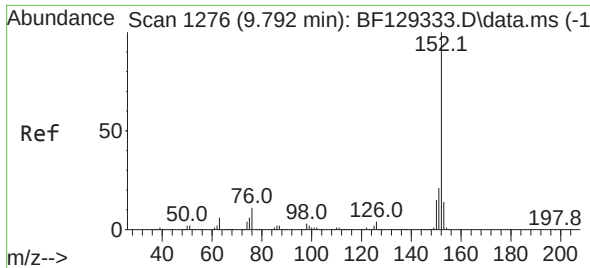
Ion Ratio Lower Upper

65 100

92 67.9 51.9 77.9

138 102.2 76.4 114.6





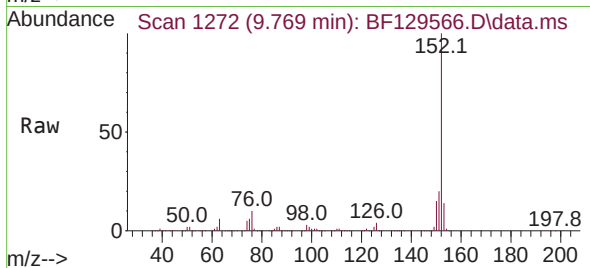
#49
Acenaphthylene
Concen: 38.812 ng
RT: 9.769 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

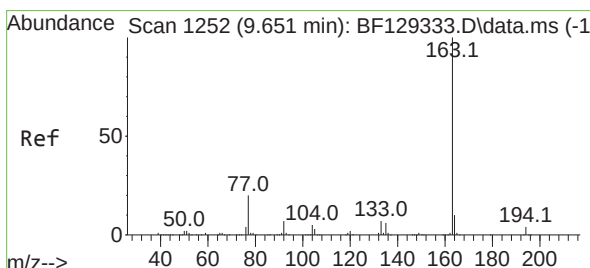
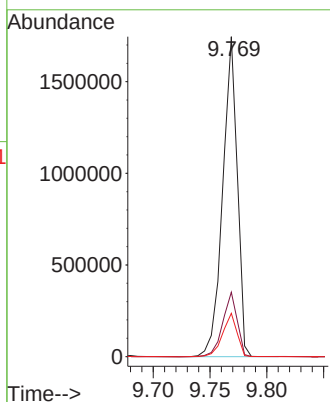
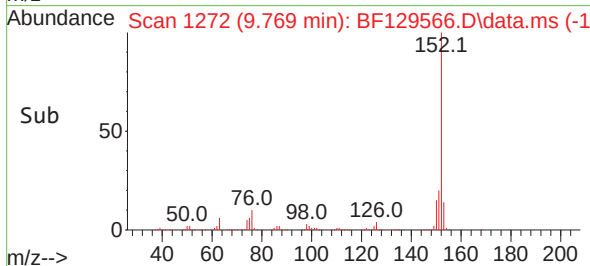


Tgt Ion:152 Resp: 1555349
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.5 10.7 16.1

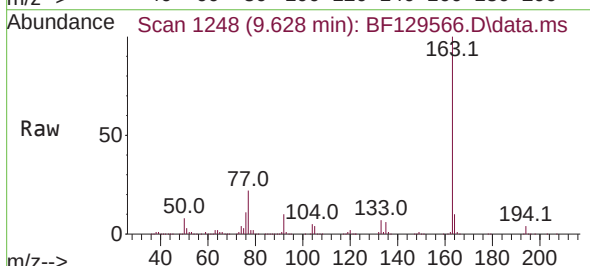
Manual Integrations

APPROVED

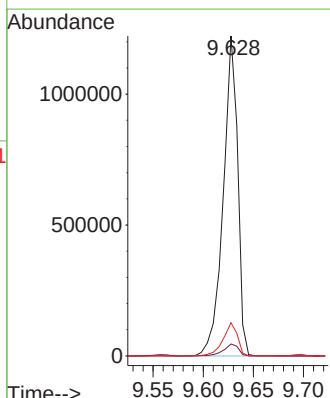
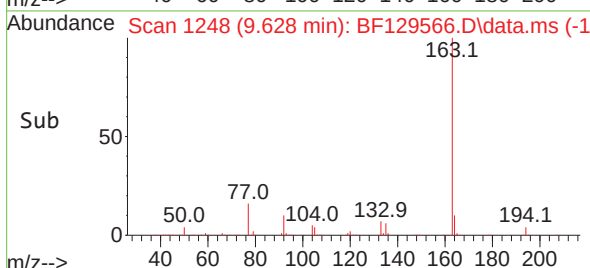
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

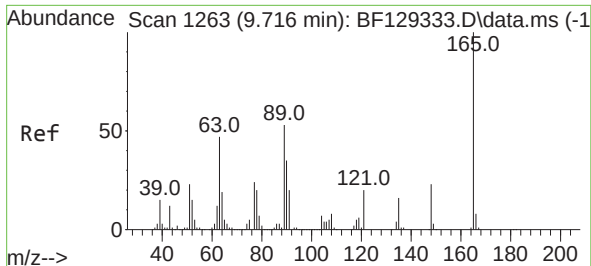


#50
Dimethylphthalate
Concen: 39.924 ng
RT: 9.628 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:163 Resp: 1232022
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.462 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

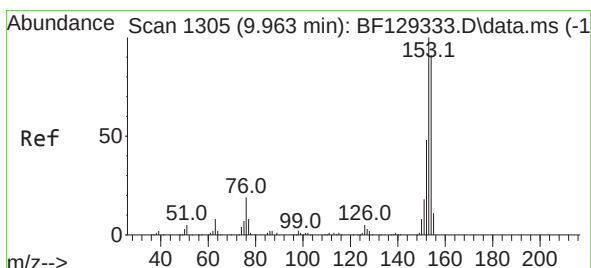
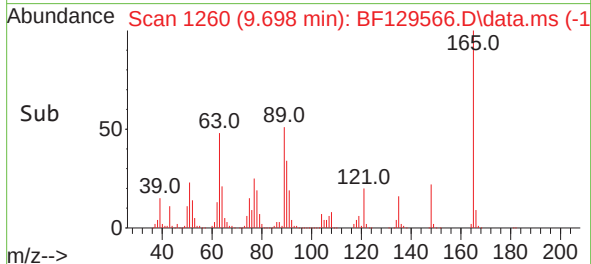
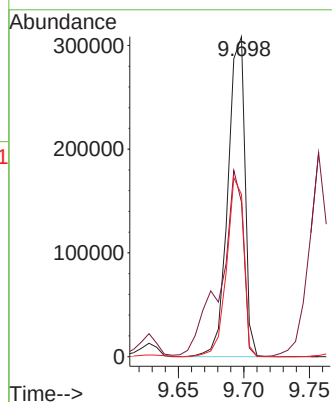
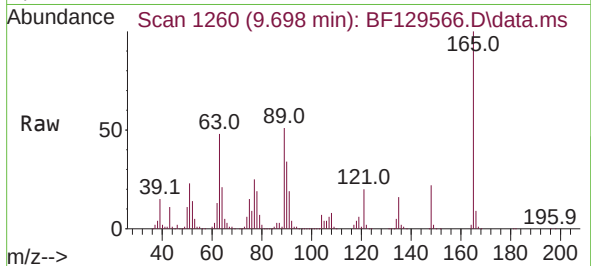
PB146528BS

Tgt Ion:165 Resp: 279468
Ion Ratio Lower Upper
165 100
63 48.3 44.9 67.3
89 50.7 43.6 65.4

Manual Integrations

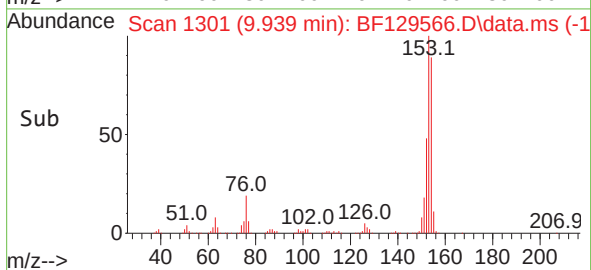
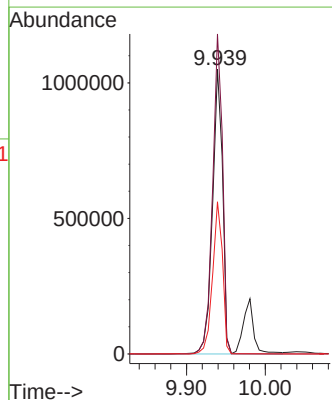
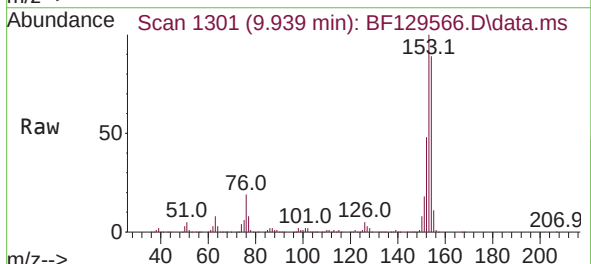
APPROVED

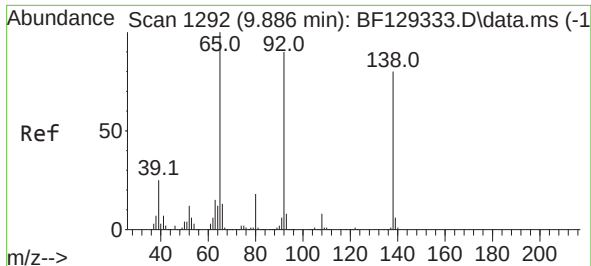
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#52
Acenaphthene
Concen: 42.685 ng m
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:154 Resp: 1117224
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 53.5 42.4 63.6





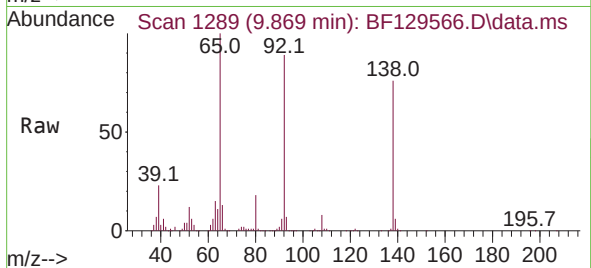
#53
3-Nitroaniline
Concen: 29.833 ng
RT: 9.869 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

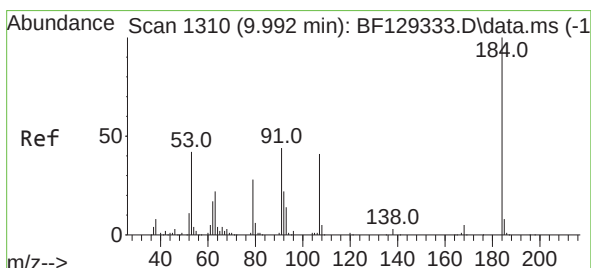
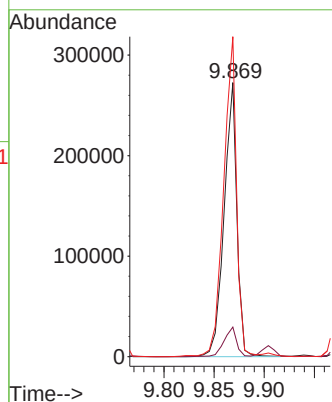
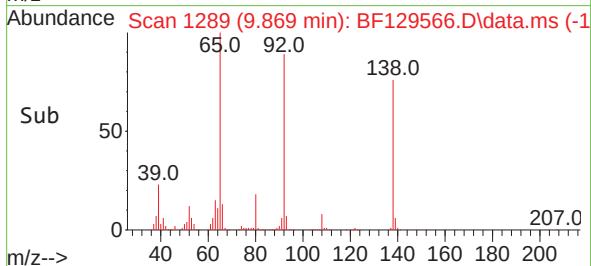


Tgt Ion:138 Resp: 243317
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3
92 116.8 98.2 147.2

Manual Integrations

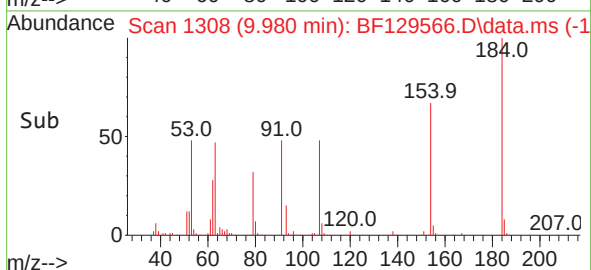
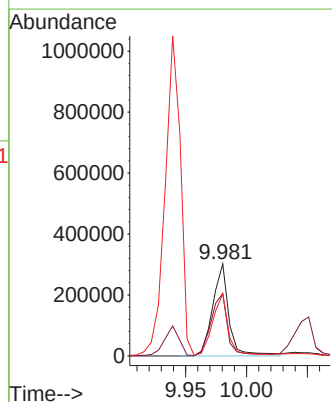
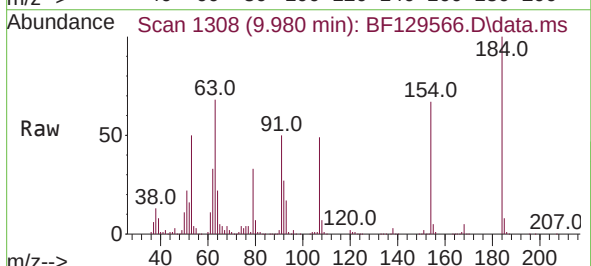
APPROVED

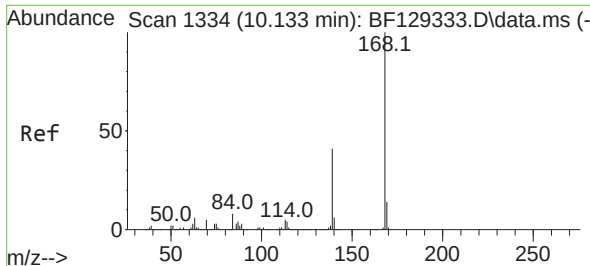
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#54
2,4-Dinitrophenol
Concen: 79.557 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

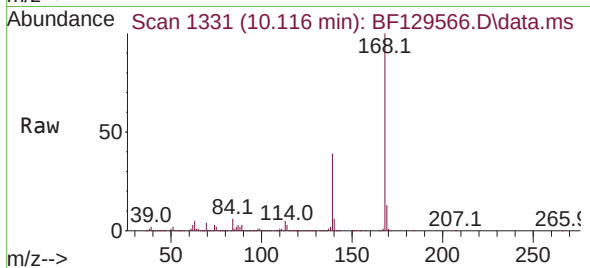
Tgt Ion:184 Resp: 280515
Ion Ratio Lower Upper
184 100
63 67.9 64.5 96.7
154 67.4 50.6 75.8





#55
Dibenzenofuran
Concen: 39.209 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

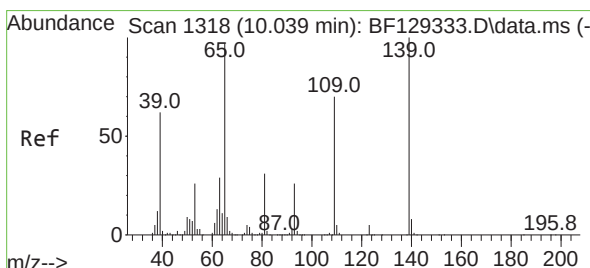
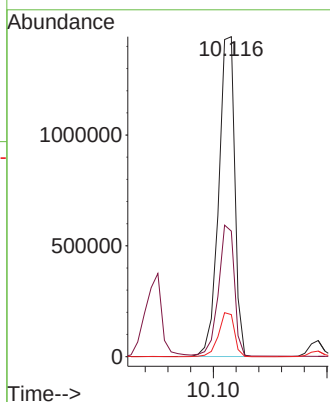
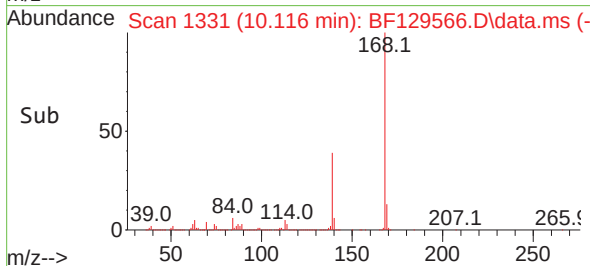
Instrument :
BNA_F
ClientSampleId :
PB146528BS



Tgt Ion:168 Resp: 1414702
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.1 11.0 16.6

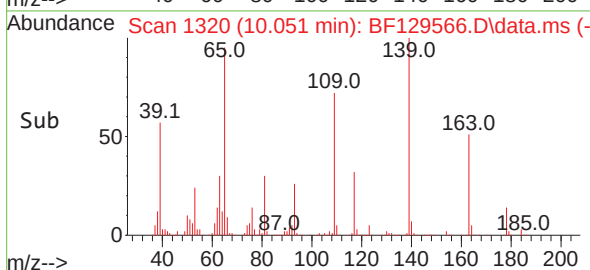
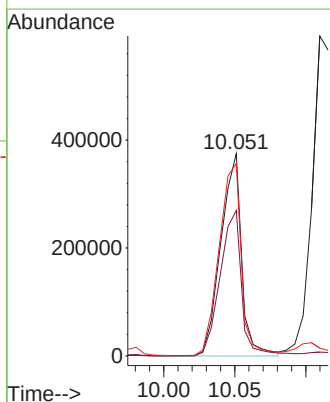
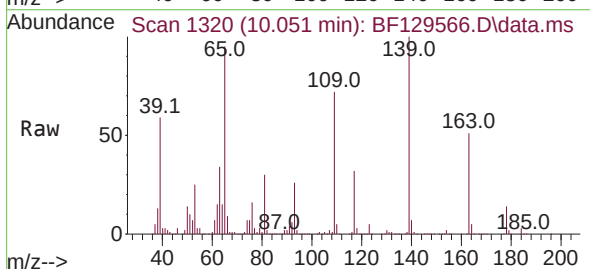
Manual Integrations
APPROVED

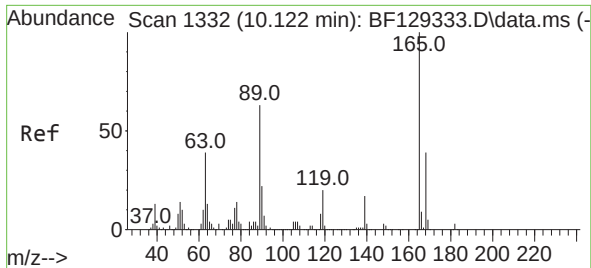
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#56
4-Nitrophenol
Concen: 63.262 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:139 Resp: 380648
Ion Ratio Lower Upper
139 100
109 71.9 50.7 90.7
65 95.1 74.5 114.5





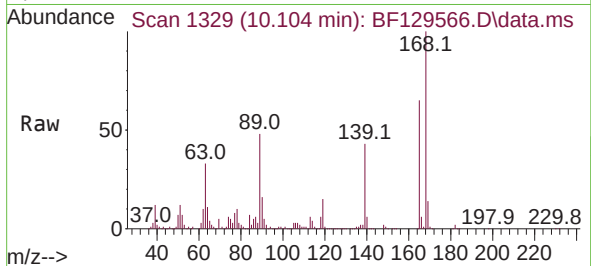
#57
2,4-Dinitrotoluene
Concen: 40.039 ng
RT: 10.104 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

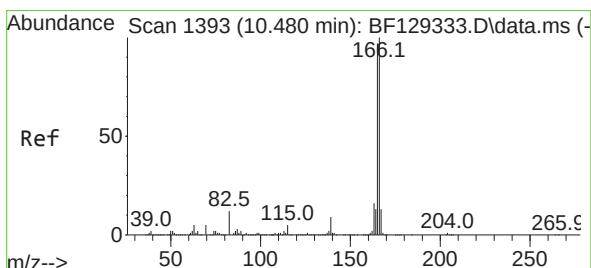
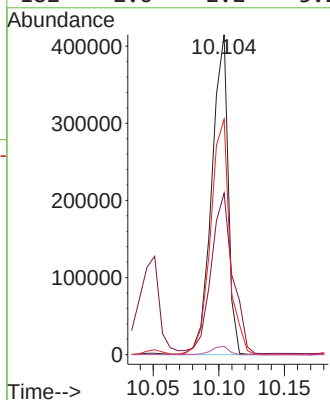
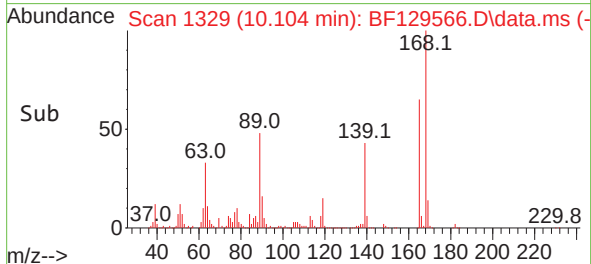


Tgt Ion:165 Resp: 361263
Ion Ratio Lower Upper
165 100
63 50.4 39.8 59.6
89 73.5 60.2 90.2
182 2.6 2.2 3.2

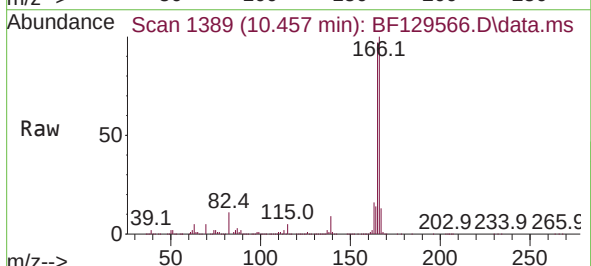
Manual Integrations

APPROVED

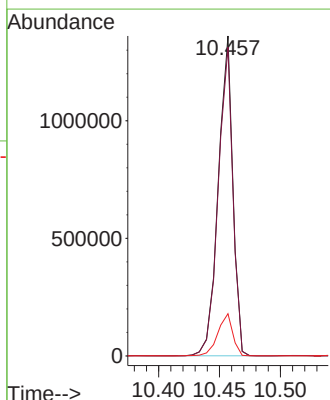
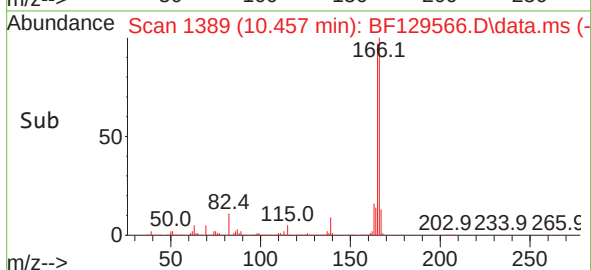
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

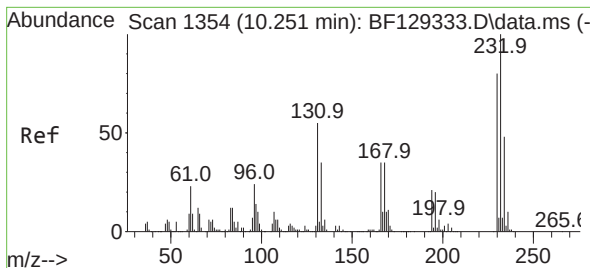


#58
Fluorene
Concen: 39.196 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



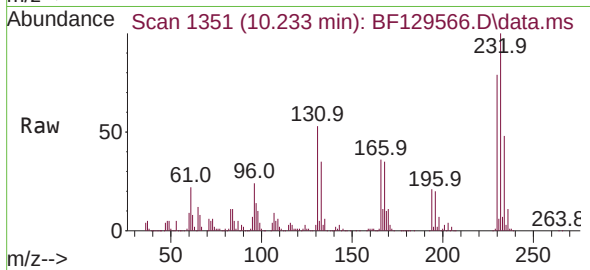
Tgt Ion:166 Resp: 1131556
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.781 ng
RT: 10.233 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

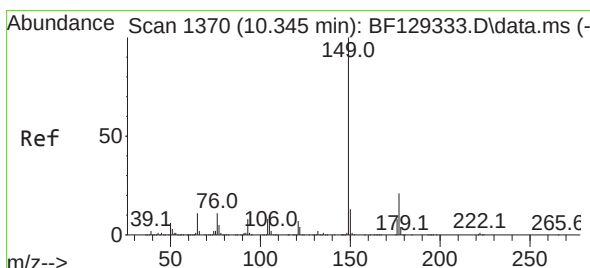
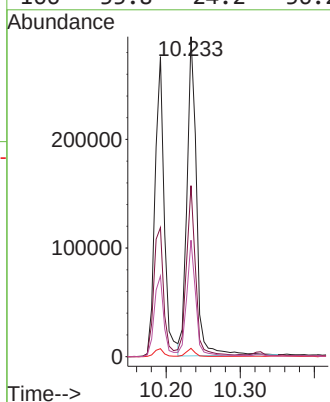
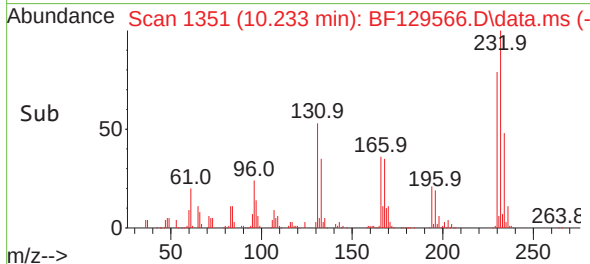
Instrument :
BNA_F
ClientSampleId :
PB146528BS



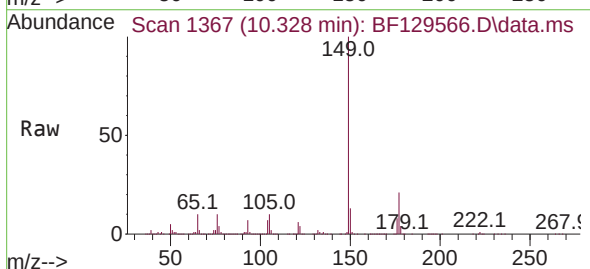
Tgt Ion:232 Resp: 263523
Ion Ratio Lower Upper
232 100
131 50.7 36.1 54.1
130 2.3 1.8 2.8
166 33.8 24.2 36.2

Manual Integrations
APPROVED

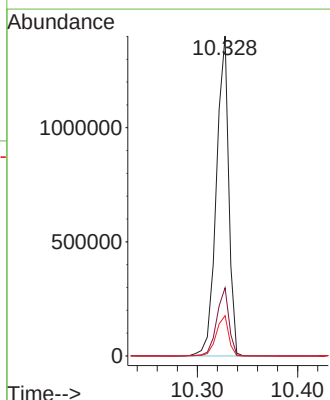
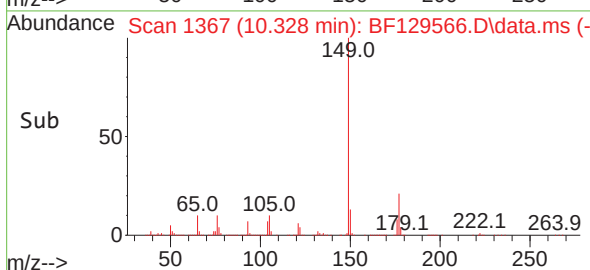
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

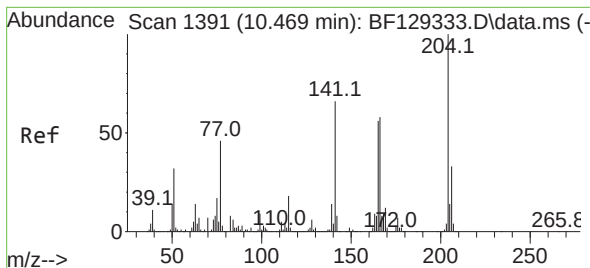


#60
Diethylphthalate
Concen: 40.380 ng
RT: 10.328 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:149 Resp: 1204577
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 12.6 10.2 15.2





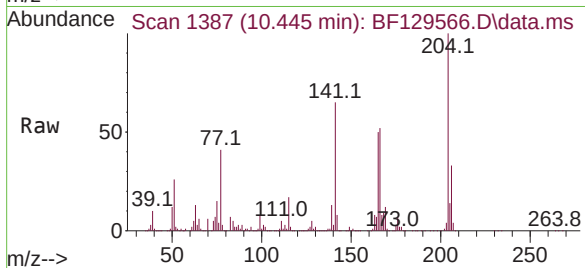
#61
4-Chlorophenyl-phenylether
Concen: 41.350 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

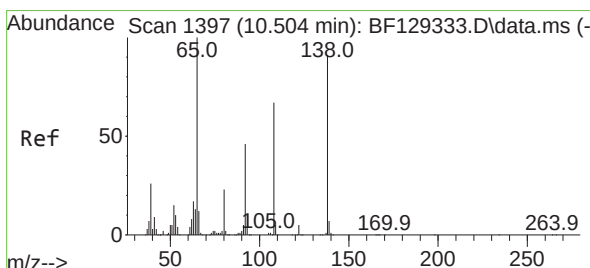
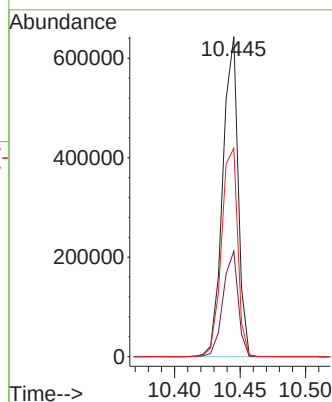
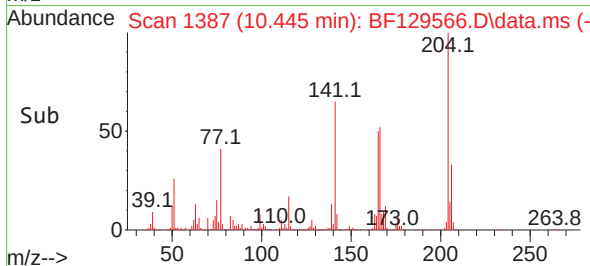


Tgt Ion:204 Resp: 526262
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 65.1 47.0 70.4

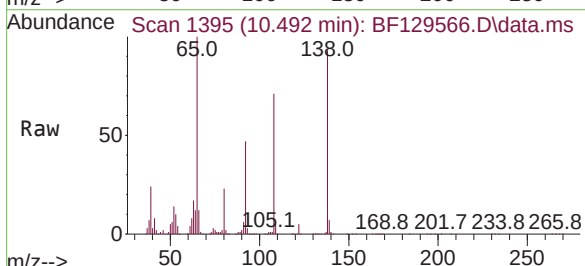
Manual Integrations

APPROVED

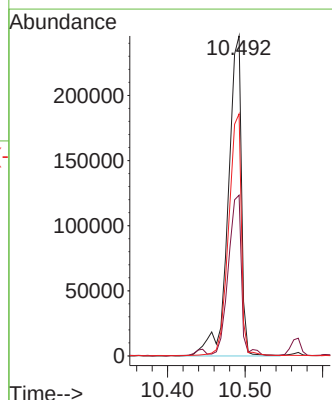
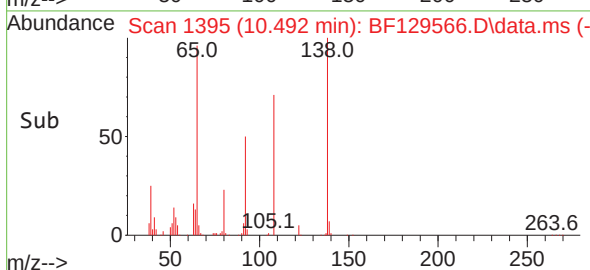
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

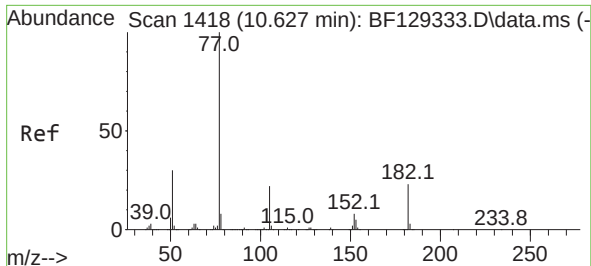


#62
4-Nitroaniline
Concen: 36.222 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



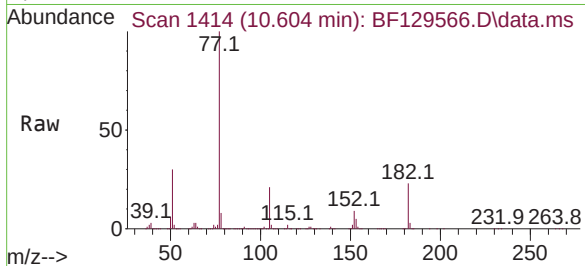
Tgt Ion:138 Resp: 293062
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 75.6 61.0 101.0





#63
Azobenzene
Concen: 38.806 ng
RT: 10.604 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

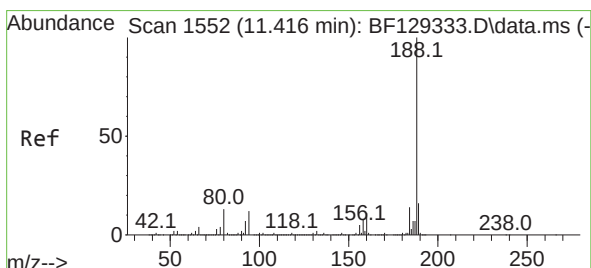
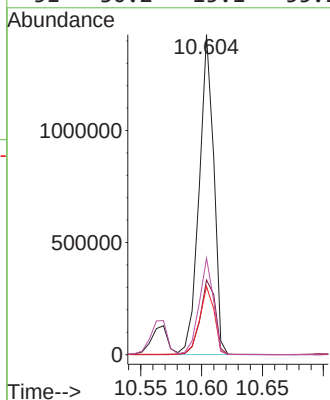
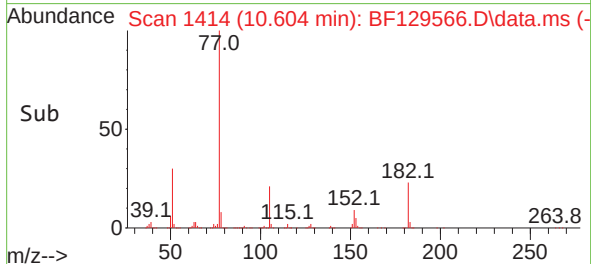
Instrument :
BNA_F
ClientSampleId :
PB146528BS



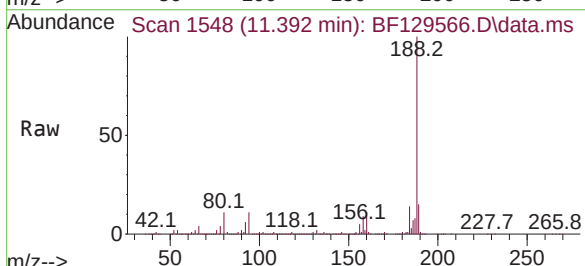
Tgt Ion: 77 Resp: 1180732
Ion Ratio Lower Upper
77 100
182 23.3 5.6 45.6
105 21.3 1.6 41.6
51 30.2 15.1 55.1

Manual Integrations
APPROVED

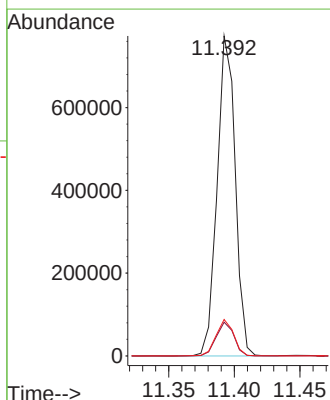
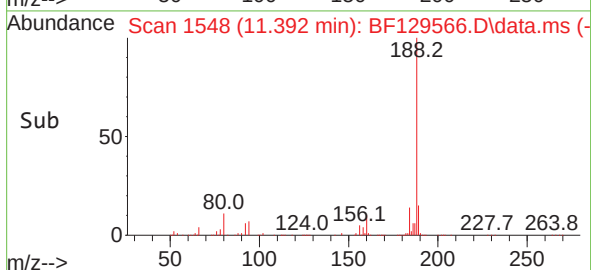
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

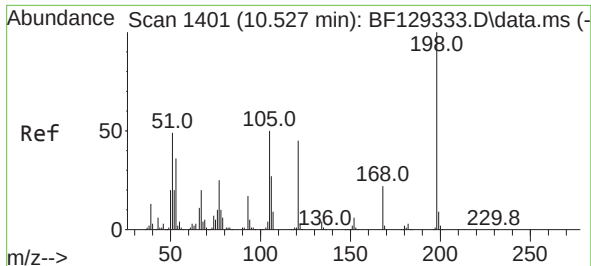


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:188 Resp: 743754
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.4 7.6 11.4





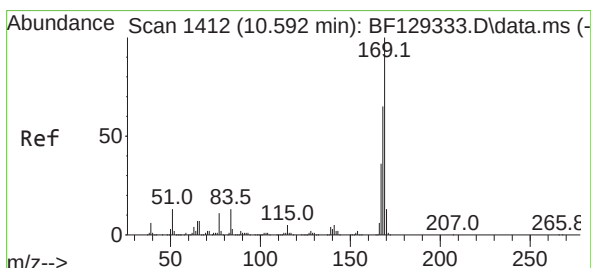
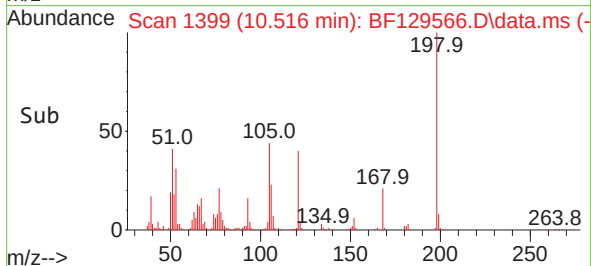
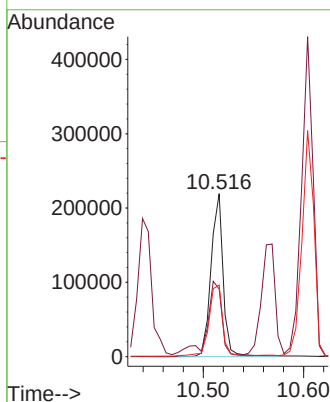
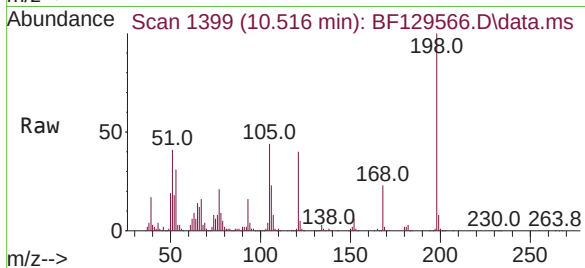
#65
4,6-Dinitro-2-methylphenol
Concen: 39.050 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :
BNA_F
ClientSampleId :
PB146528BS

Tgt Ion:198 Resp: 183316
Ion Ratio Lower Upper
198 100
51 41.5 37.6 77.6
105 43.9 27.0 67.0

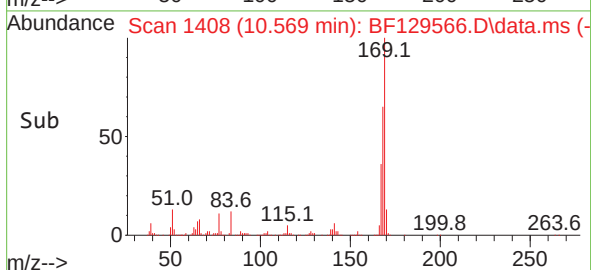
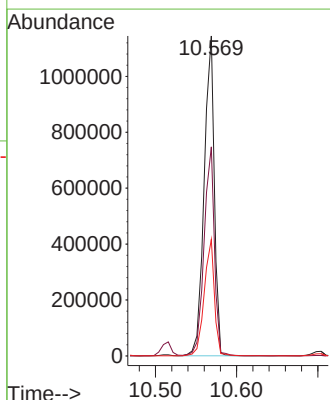
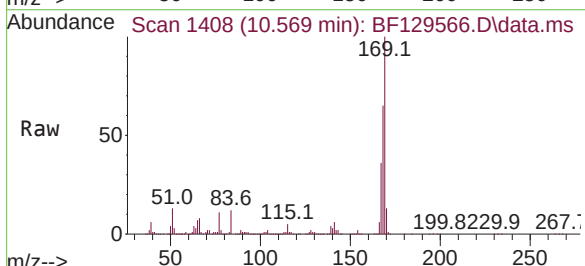
Manual Integrations
APPROVED

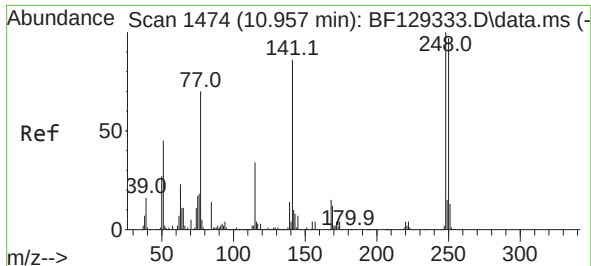
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#66
n-Nitrosodiphenylamine
Concen: 40.369 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

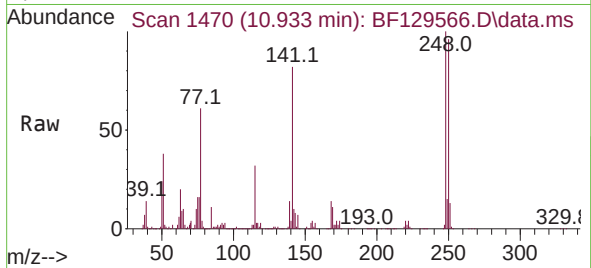
Tgt Ion:169 Resp: 999894
Ion Ratio Lower Upper
169 100
168 65.4 50.1 75.1
167 36.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 41.809 ng
RT: 10.933 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

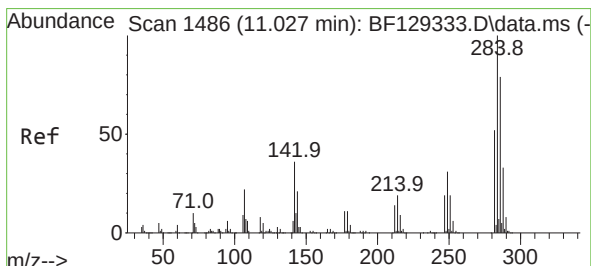
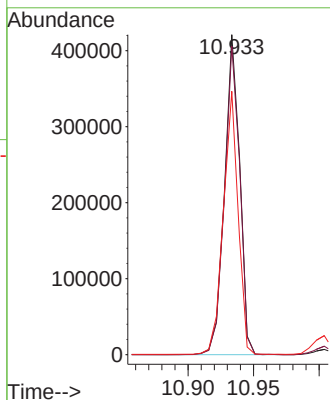
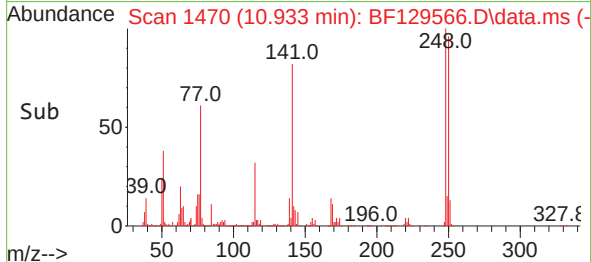
Instrument :
BNA_F
ClientSampleId :
PB146528BS



Tgt Ion:248 Resp: 340510
Ion Ratio Lower Upper
248 100
250 96.4 80.6 120.8
141 82.3 58.9 88.3

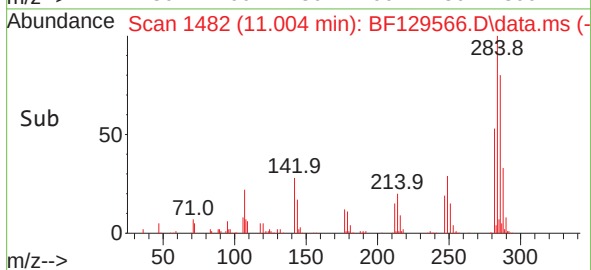
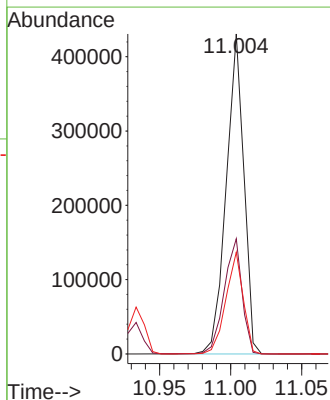
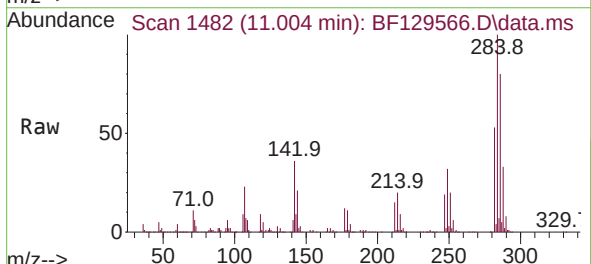
Manual Integrations
APPROVED

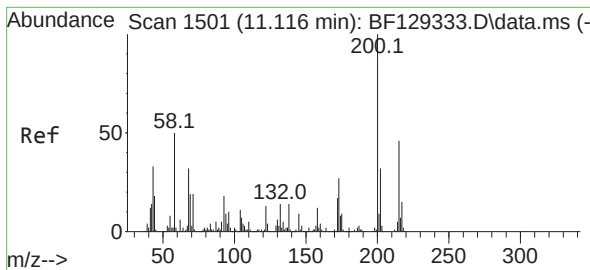
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#68
Hexachlorobenzene
Concen: 42.079 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

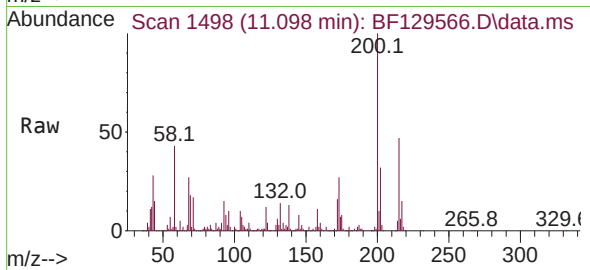
Tgt Ion:284 Resp: 371332
Ion Ratio Lower Upper
284 100
142 36.0 29.0 43.4
249 31.8 25.0 37.6





#69
Atrazine
Concen: 45.156 ng
RT: 11.098 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

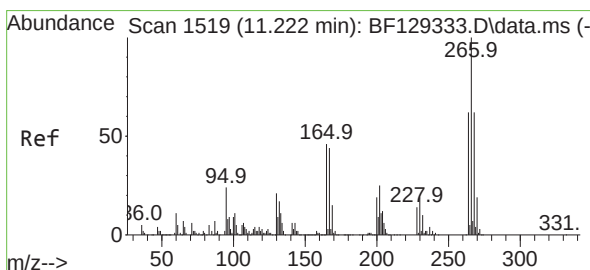
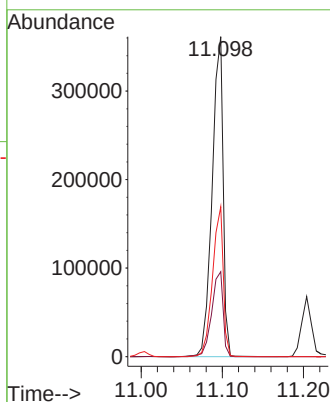
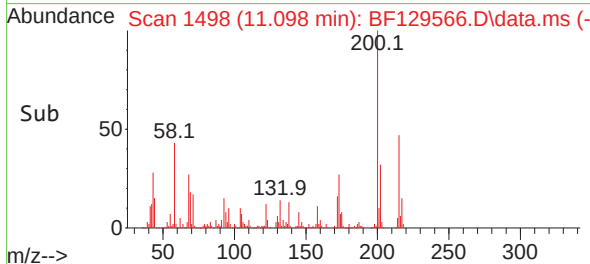
Instrument :
BNA_F
ClientSampleId :
PB146528BS



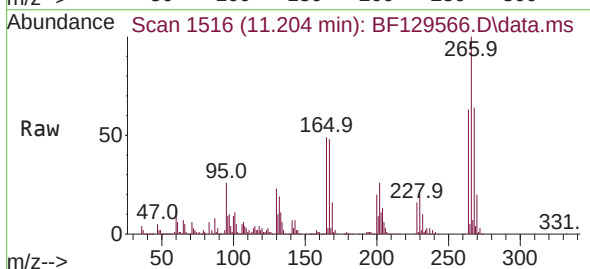
Tgt Ion:200 Resp: 339722
Ion Ratio Lower Upper
200 100
173 26.5 6.3 46.3
215 46.8 28.3 68.3

Manual Integrations
APPROVED

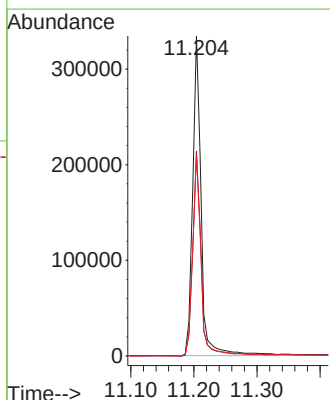
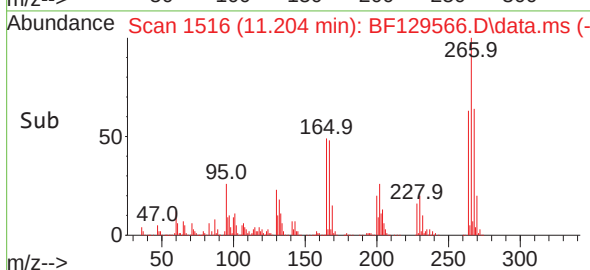
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

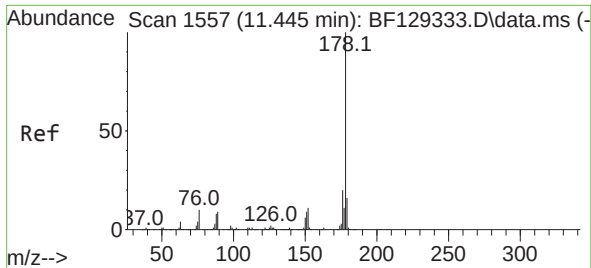


#70
Pentachlorophenol
Concen: 65.464 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



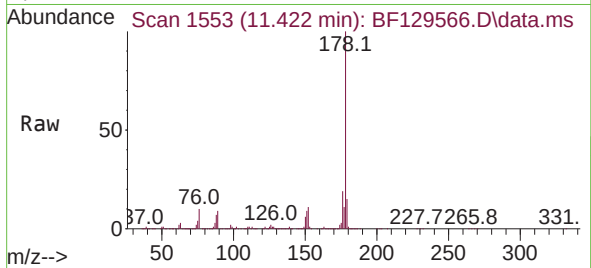
Tgt Ion:266 Resp: 314055
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.4
264 63.1 49.4 74.2





#71
Phenanthrene
Concen: 38.748 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

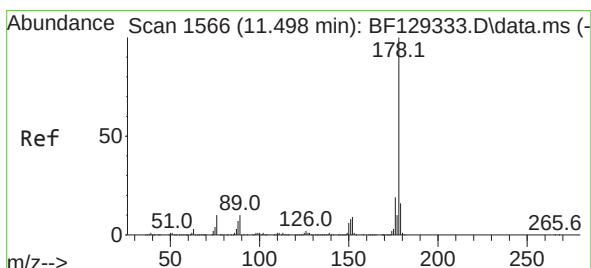
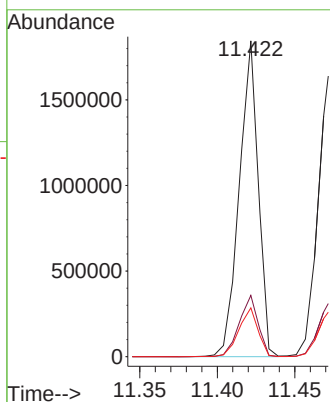
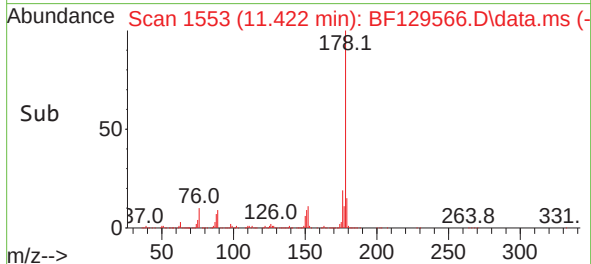
Instrument :
BNA_F
ClientSampleId :
PB146528BS



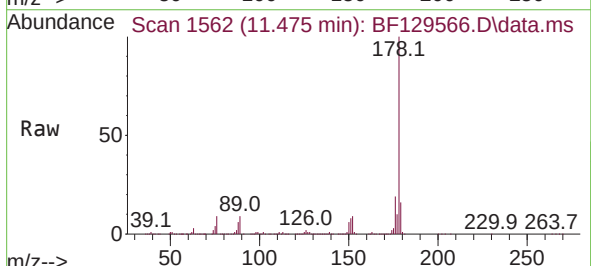
Tgt Ion:178 Resp: 1573145
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.4 12.6 19.0

Manual Integrations
APPROVED

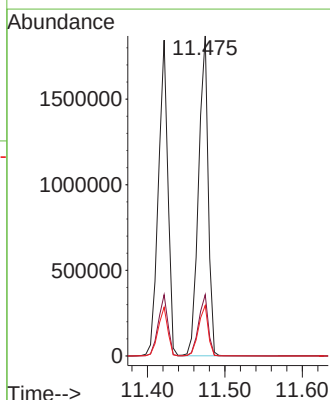
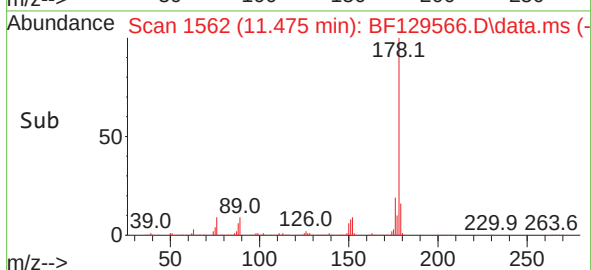
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

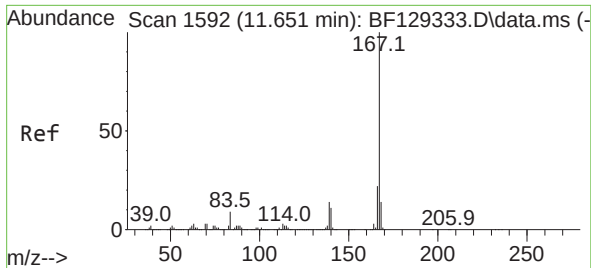


#72
Anthracene
Concen: 40.453 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



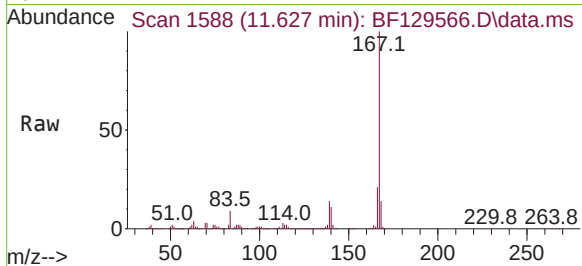
Tgt Ion:178 Resp: 1613957
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.8 12.6 19.0





#73
Carbazole
Concen: 39.876 ng
RT: 11.627 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

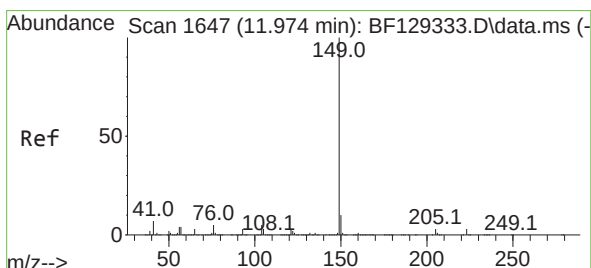
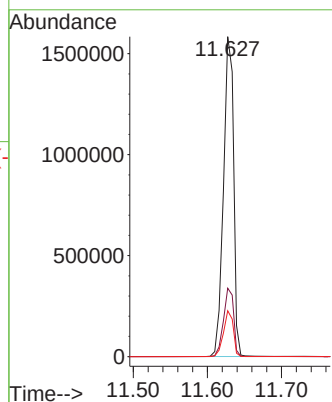
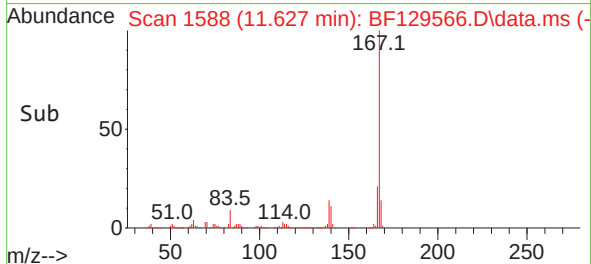
Instrument :
BNA_F
ClientSampleId :
PB146528BS



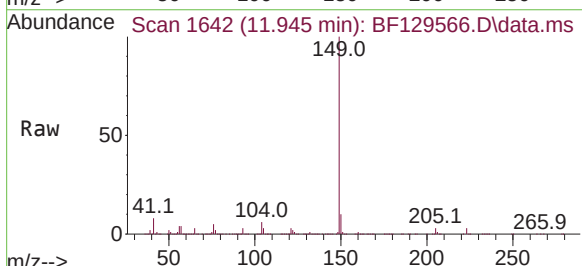
Tgt Ion:167 Resp: 1497644
Ion Ratio Lower Upper
167 100
166 21.4 17.7 26.5
139 14.3 11.2 16.8

Manual Integrations
APPROVED

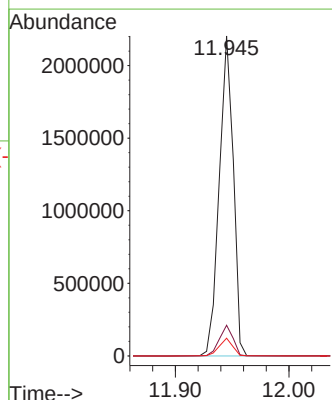
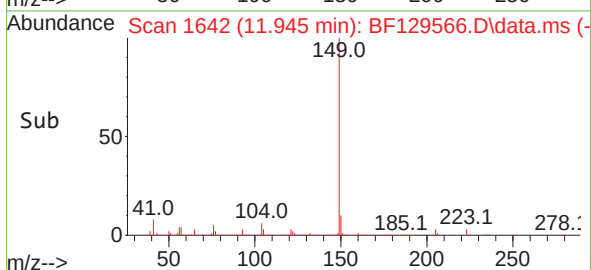
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

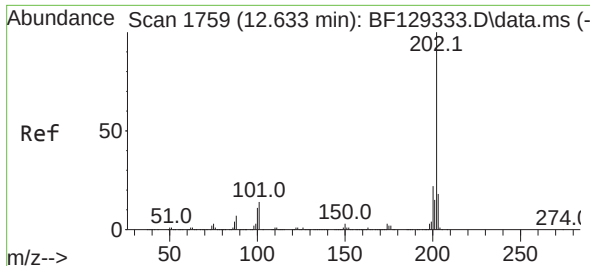


#74
Di-n-butylphthalate
Concen: 42.144 ng
RT: 11.945 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:149 Resp: 1884963
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 38.977 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

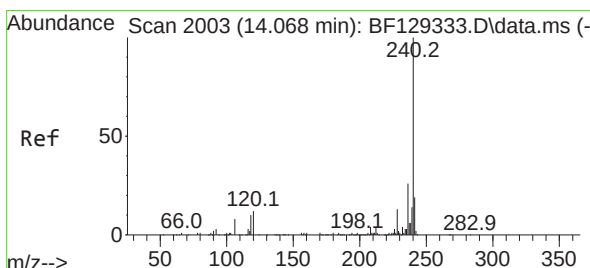
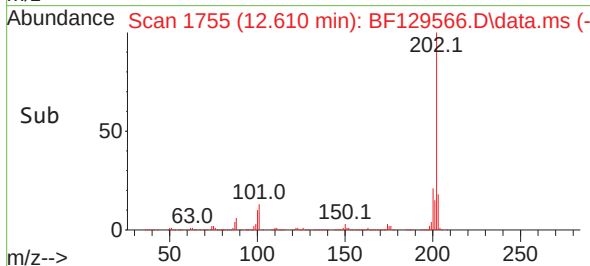
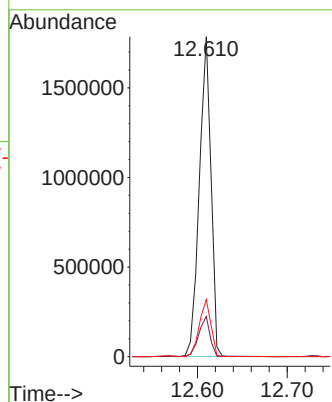
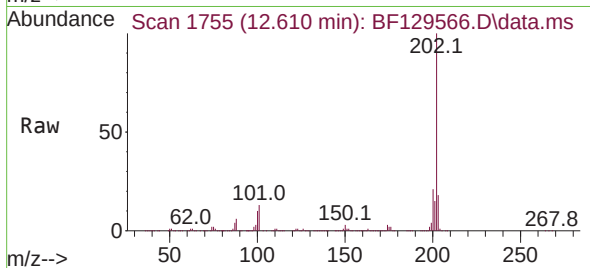
PB146528BS

Tgt Ion:202 Resp: 160338
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 17.8 0.0 38.0

Manual Integrations

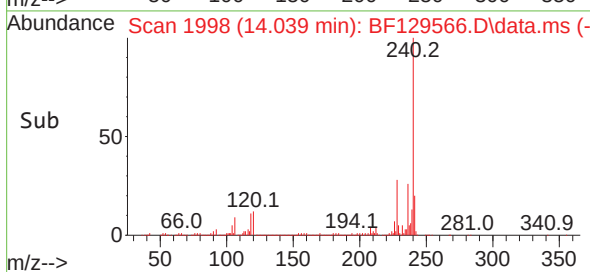
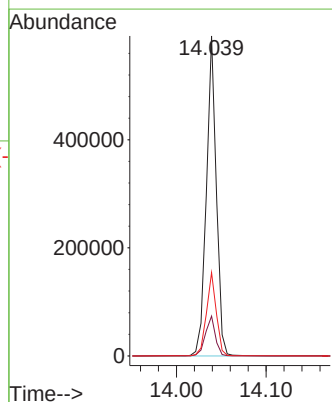
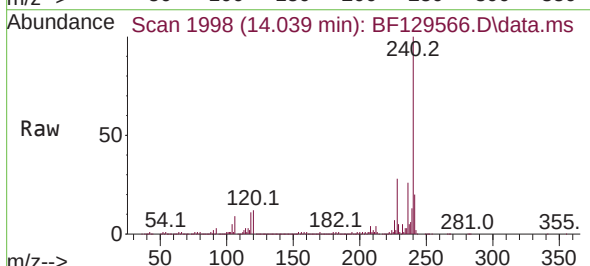
APPROVED

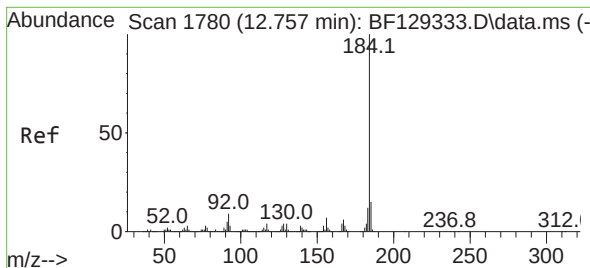
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:240 Resp: 454734
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.0 20.8 31.2





#77

Benzidine

Concen: 44.628 ng

RT: 12.733 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

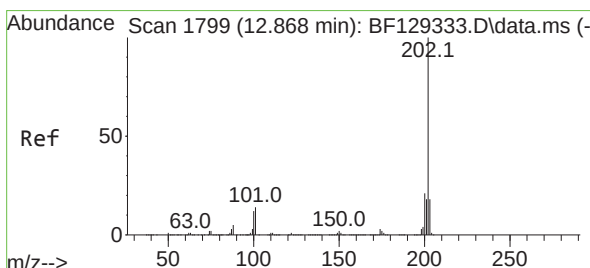
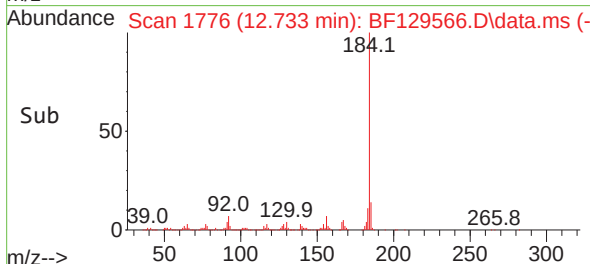
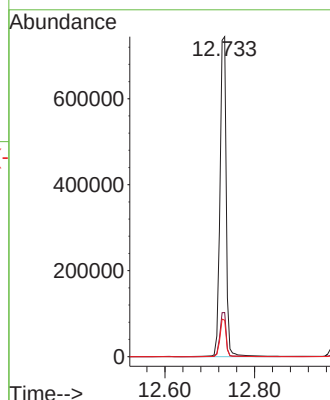
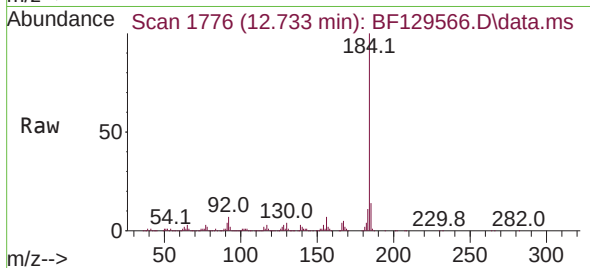
PB146528BS

Tgt Ion:184	Resp: 716940
Ion Ratio	Lower Upper
184 100	
185 13.8	11.9 17.9
183 11.4	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#78

Pyrene

Concen: 41.579 ng

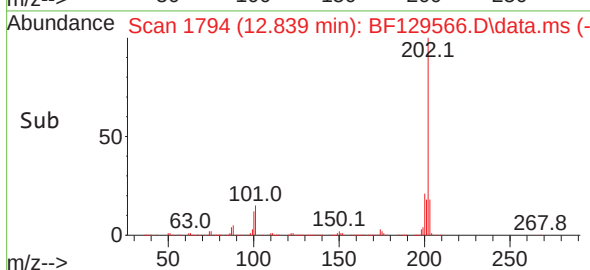
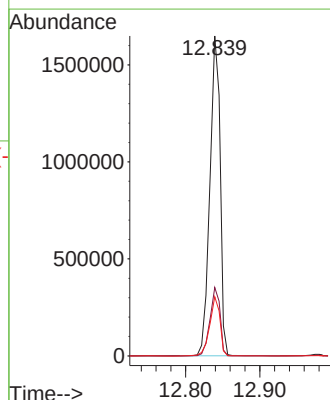
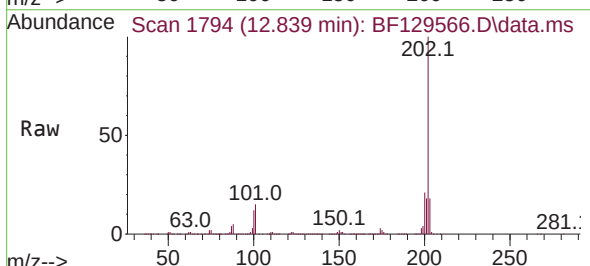
RT: 12.839 min Scan# 1794

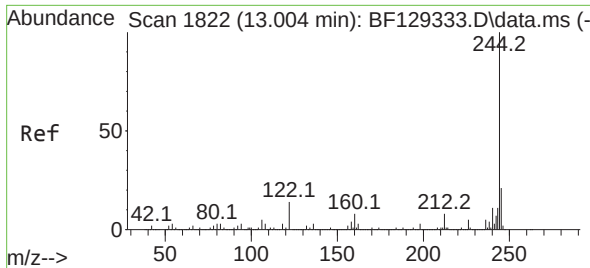
Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Tgt Ion:202	Resp: 1581076
Ion Ratio	Lower Upper
202 100	
200 21.4	17.7 26.5
203 18.5	14.6 21.8





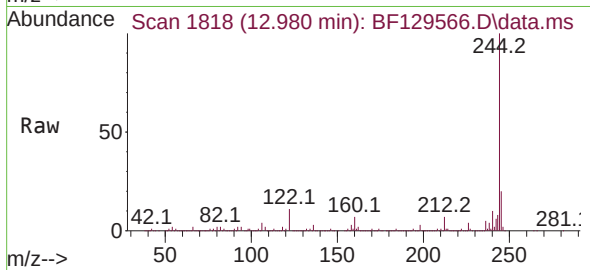
#79
 Terphenyl-d14
 Concen: 89.165 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: BF129566.D
 Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

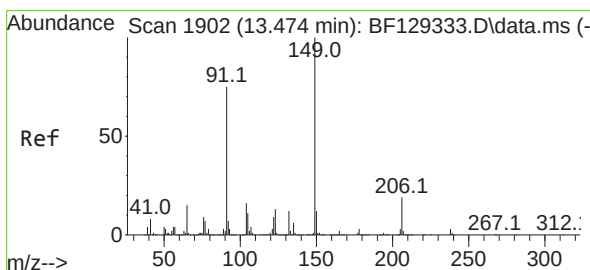
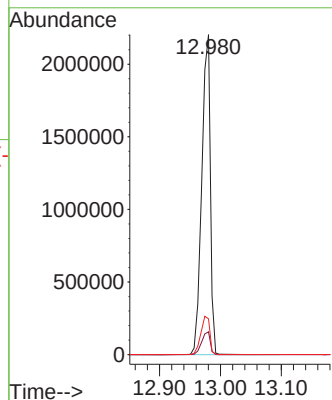
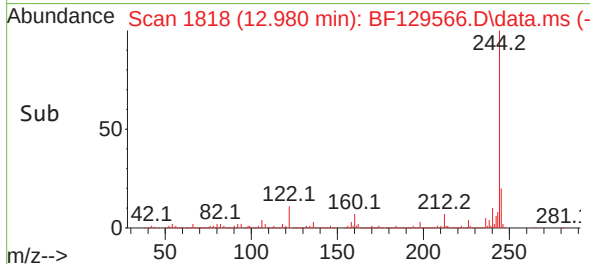


Tgt Ion:244 Resp: 2149203
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.2 8.8 13.2

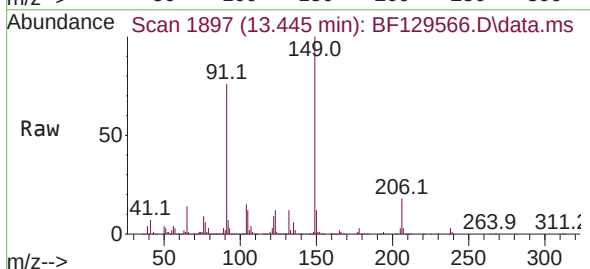
Manual Integrations

APPROVED

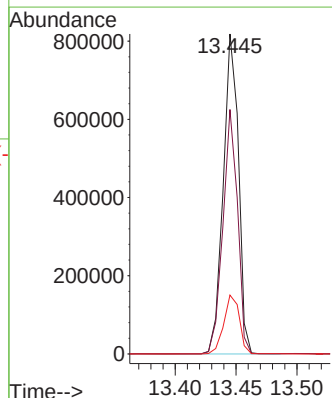
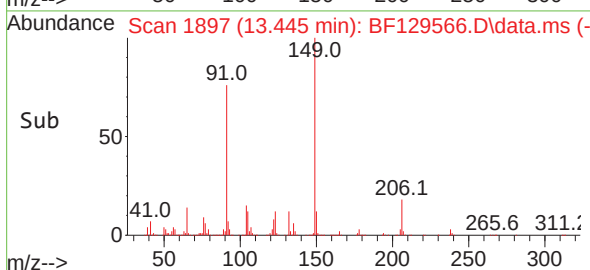
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

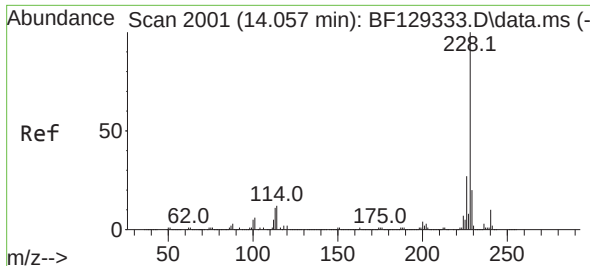


#80
 Butylbenzylphthalate
 Concen: 43.190 ng
 RT: 13.445 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: BF129566.D
 Acq: 04 Aug 2022 11:54



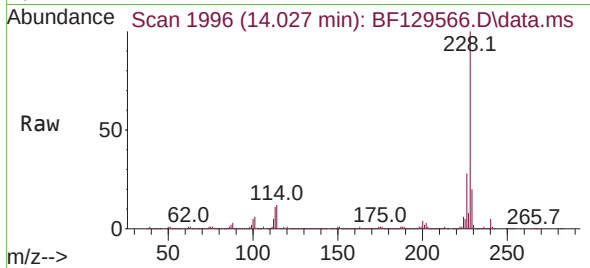
Tgt Ion:149 Resp: 712367
 Ion Ratio Lower Upper
 149 100
 91 76.4 61.2 91.8
 206 18.4 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.487 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

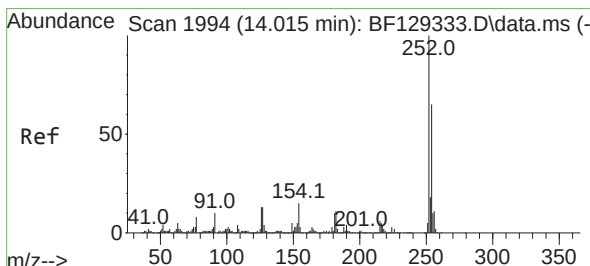
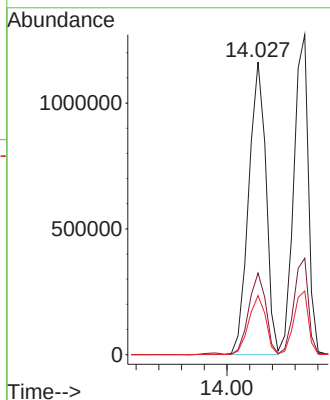
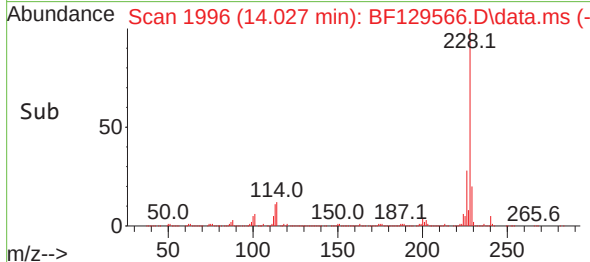
Instrument :
BNA_F
ClientSampleId :
PB146528BS



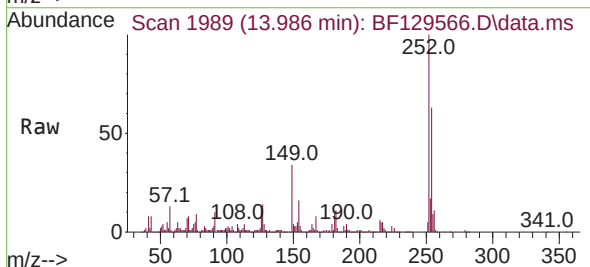
Tgt Ion:228 Resp: 1226568
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.1 15.8 23.8

Manual Integrations
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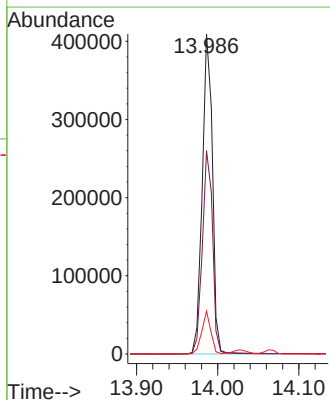
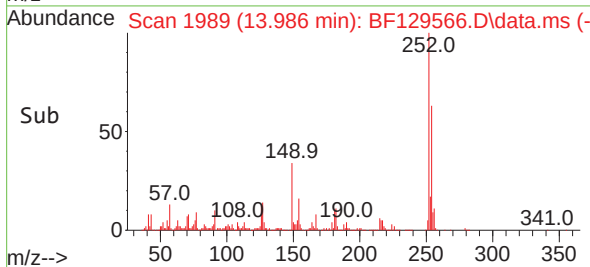
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

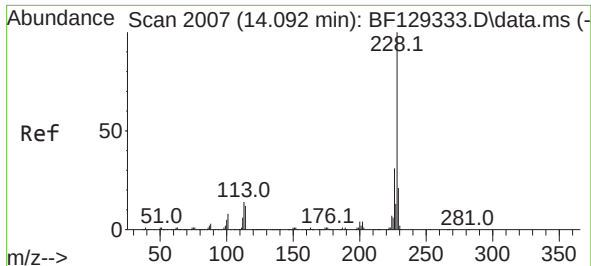


#82
3,3'-Dichlorobenzidine
Concen: 34.753 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



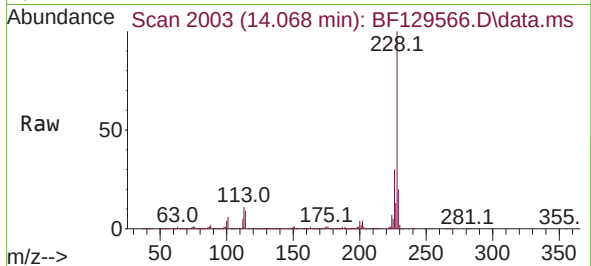
Tgt Ion:252 Resp: 356427
Ion Ratio Lower Upper
252 100
254 63.5 50.2 75.4
126 13.4 8.2 12.4#





#83
Chrysene
Concen: 38.812 ng
RT: 14.068 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

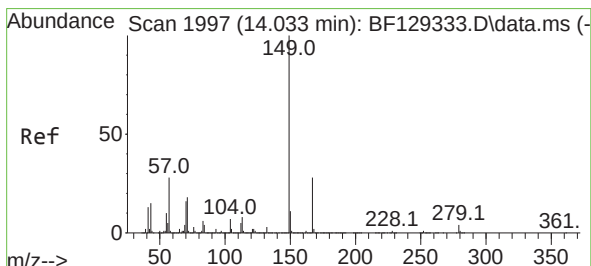
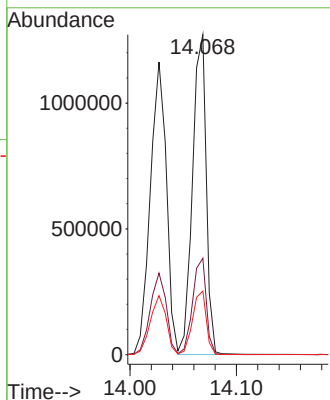
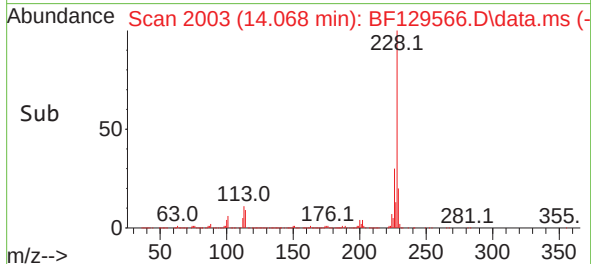
Instrument :
BNA_F
ClientSampleId :
PB146528BS



Tgt Ion:228 Resp: 1136245
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 19.9 15.9 23.9

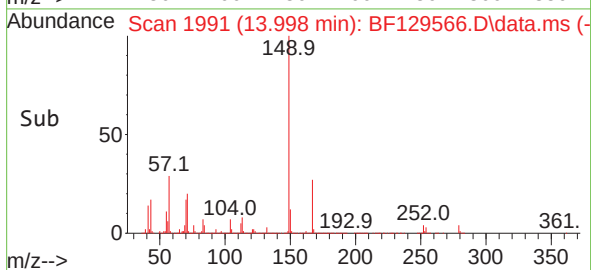
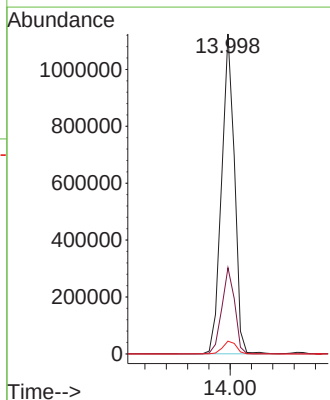
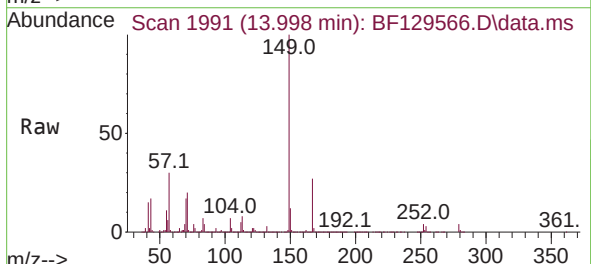
Manual Integrations
APPROVED

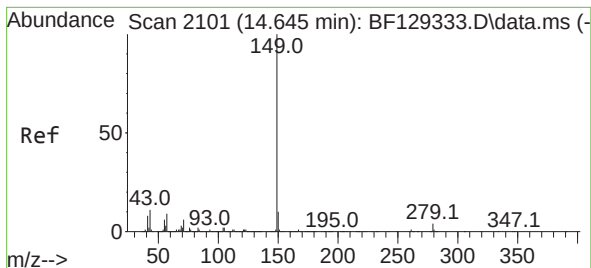
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.592 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:149 Resp: 946586
Ion Ratio Lower Upper
149 100
167 26.9 21.0 31.4
279 4.0 3.1 4.7





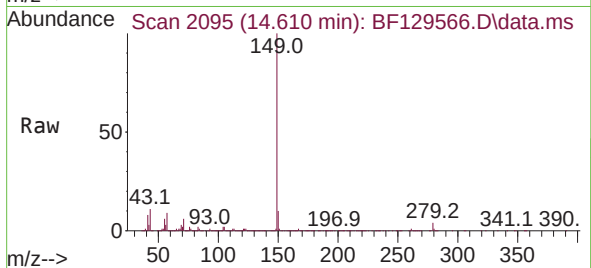
#85
Di-n-octyl phthalate
Concen: 44.984 ng
RT: 14.610 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

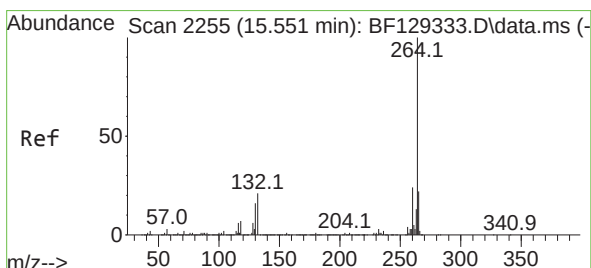
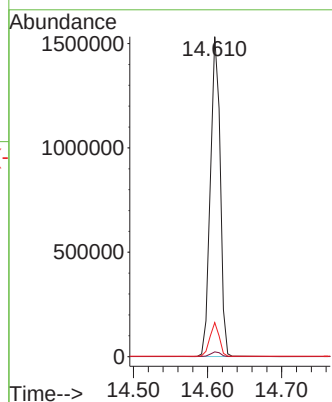
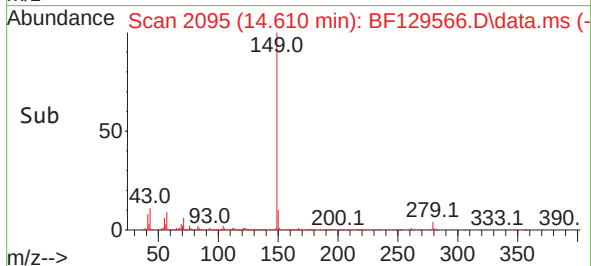


Tgt Ion:149 Resp: 1405649
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 9.2 13.8

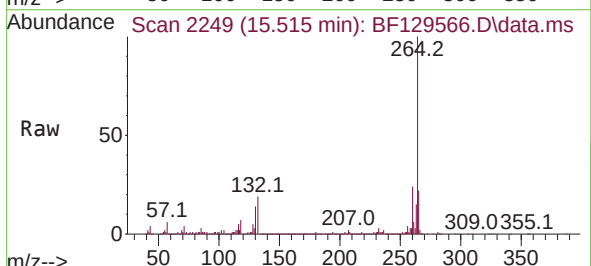
Manual Integrations

APPROVED

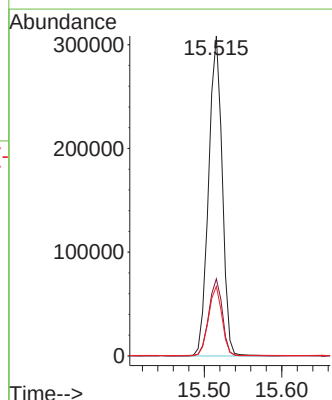
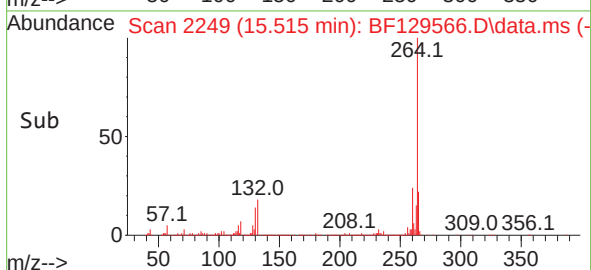
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

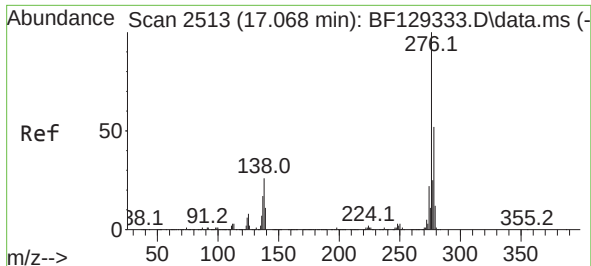


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54



Tgt Ion:264 Resp: 375734
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.498 ng
RT: 17.021 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

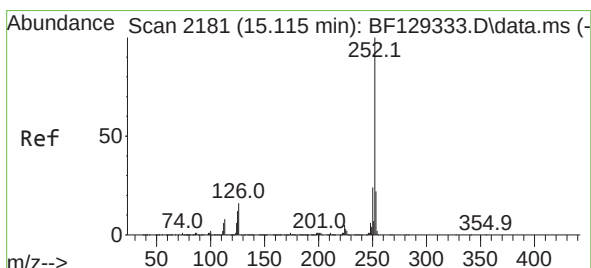
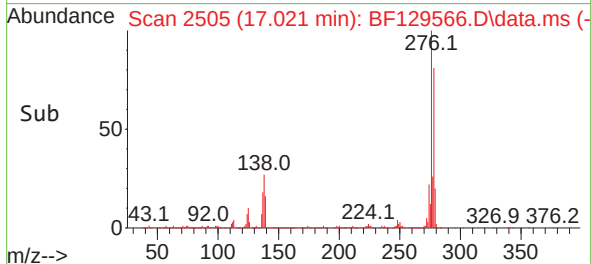
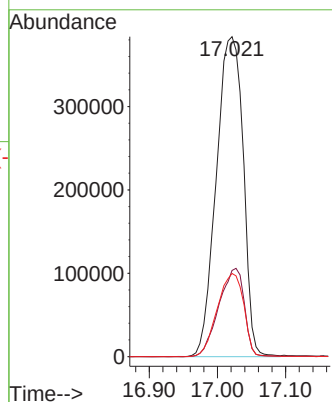
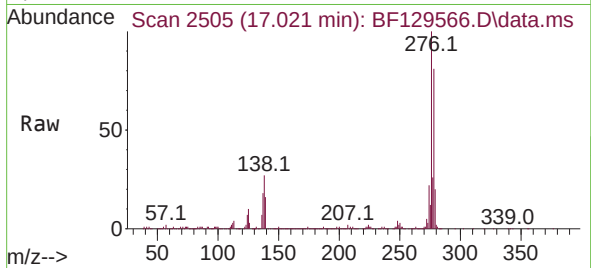
ClientSampleId :

PB146528BS

Tgt Ion:276 Resp: 105000
Ion Ratio Lower Upper
276 100
138 26.2 21.1 31.7
277 25.6 20.3 30.5

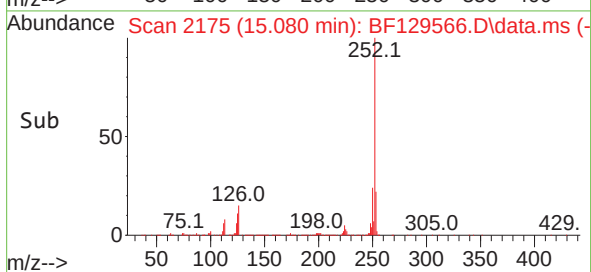
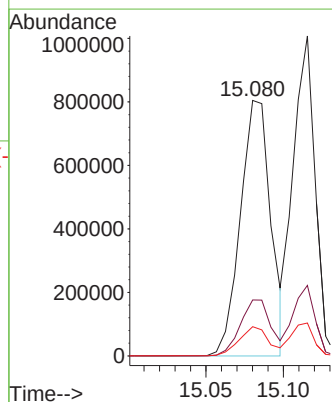
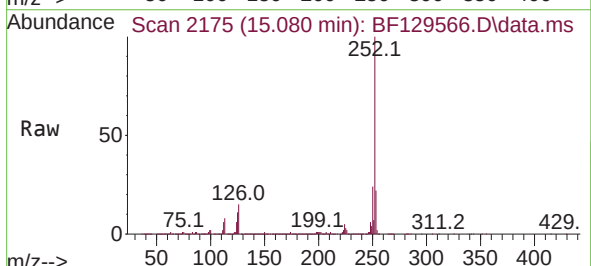
Manual Integrations
APPROVED

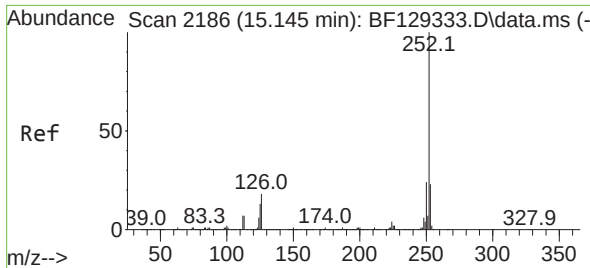
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#88
Benzo(b)fluoranthene
Concen: 44.199 ng
RT: 15.080 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:252 Resp: 1101606
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 40.670 ng

RT: 15.115 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB146528BS

Tgt Ion:252 Resp: 99334

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

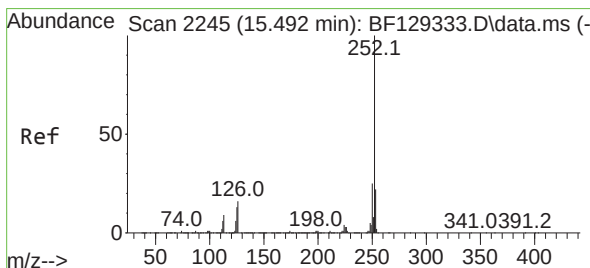
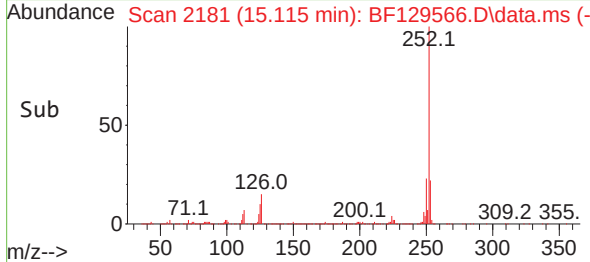
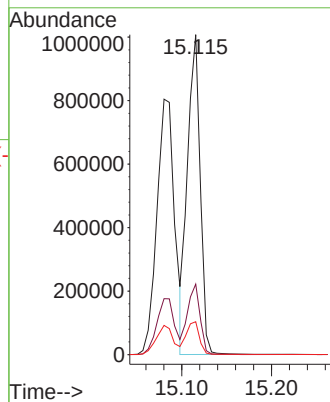
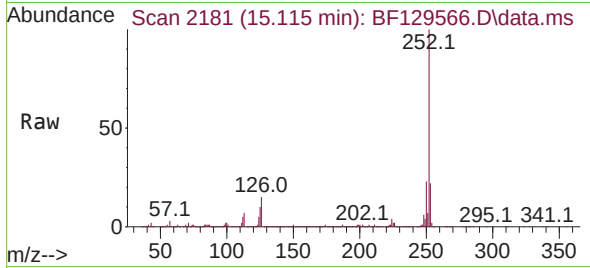
125 10.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#90

Benzo(a)pyrene

Concen: 44.915 ng

RT: 15.457 min Scan# 2239

Delta R.T. -0.000 min

Lab File: BF129566.D

Acq: 04 Aug 2022 11:54

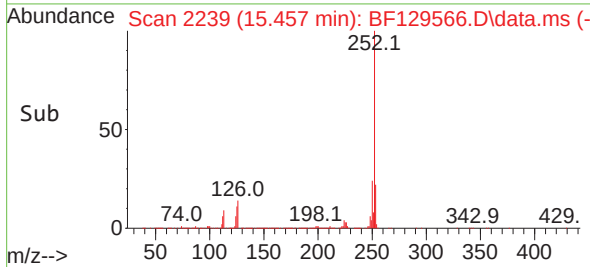
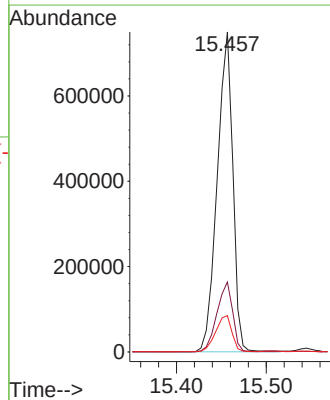
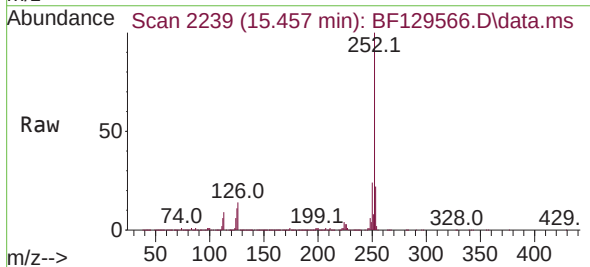
Tgt Ion:252 Resp: 908737

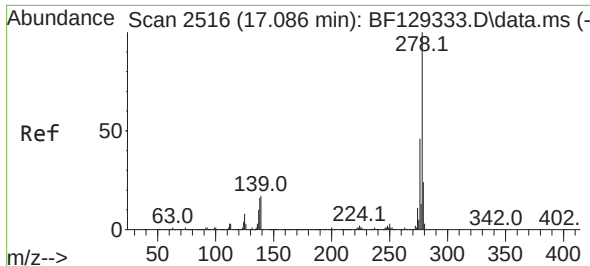
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 11.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.196 ng
RT: 17.033 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Instrument :

BNA_F

ClientSampleId :

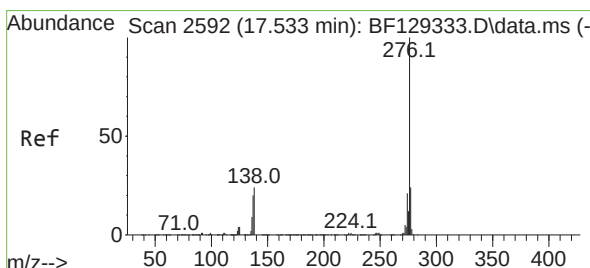
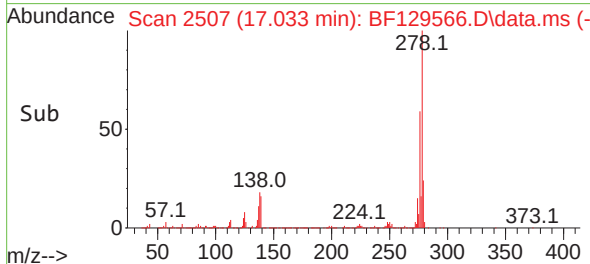
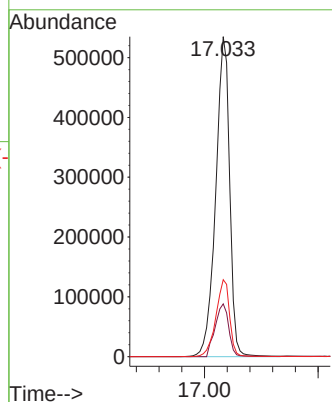
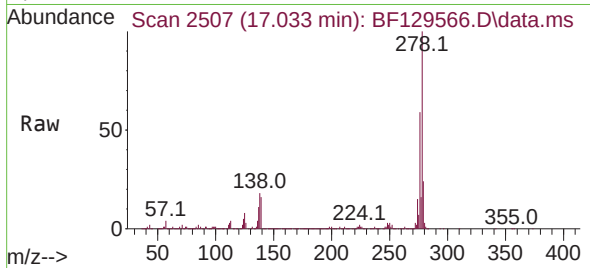
PB146528BS

Tgt Ion:278 Resp: 910165
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#92
Benzo(g,h,i)perylene
Concen: 44.092 ng
RT: 17.480 min Scan# 2583
Delta R.T. -0.000 min
Lab File: BF129566.D
Acq: 04 Aug 2022 11:54

Tgt Ion:276 Resp: 927851
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 21.5 18.0 27.0

