

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129918.D
 Acq On : 19 Aug 2022 19:51
 Operator : CG\JU
 Sample : N4217-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD

Quant Time: Aug 20 07:52:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	134638	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	564353	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	300110	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	510648	20.000	ng	0.00
76) Chrysene-d12	13.963	240	292236	20.000	ng	0.00
86) Perylene-d12	15.421	264	258147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	994101	122.249	ng	0.01
7) Phenol-d6	6.445	99	1268671	124.584	ng	0.00
23) Nitrobenzene-d5	7.357	82	813500	77.165	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	353557	117.381	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1433709	72.558	ng	0.00
79) Terphenyl-d14	12.898	244	1439666	81.972	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	157324	46.894	ng	97
3) Pyridine	3.328	79	406544	46.306	ng	100
4) n-Nitrosodimethylamine	3.293	42	226257	55.920	ng	96
6) Aniline	6.457	93	472572	40.717	ng	91
8) 2-Chlorophenol	6.581	128	497671	54.975	ng	96
9) Benzaldehyde	6.345	77	288043	55.407	ng	99
10) Phenol	6.463	94	593195	53.105	ng	81
11) bis(2-Chloroethyl)ether	6.528	93	462775	54.557	ng	98
12) 1,3-Dichlorobenzene	6.728	146	517415	52.944	ng	98
13) 1,4-Dichlorobenzene	6.804	146	519963	52.070	ng	98
14) 1,2-Dichlorobenzene	6.957	146	491459	52.991	ng	99
15) Benzyl Alcohol	6.945	79	427851	55.654	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	613303	53.959	ng	99
17) 2-Methylphenol	7.063	107	392358	53.979	ng	99
18) Hexachloroethane	7.292	117	203329	54.223	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	348628	54.162	ng	97
20) 3+4-Methylphenols	7.216	107	513191	52.597	ng	95
22) Acetophenone	7.204	105	699472	50.860	ng	99
24) Nitrobenzene	7.375	77	515057	48.451	ng	96
25) Isophorone	7.616	82	947334	52.209	ng	99
26) 2-Nitrophenol	7.692	139	267438	51.146	ng	99
27) 2,4-Dimethylphenol	7.734	122	436781	58.246	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	580493	54.792	ng	98
29) 2,4-Dichlorophenol	7.939	162	410958	50.118	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	415839	48.072	ng	97
31) Naphthalene	8.092	128	1409108	47.754	ng	100
32) Benzoic acid	7.898	122	208192	57.842	ng	93
33) 4-Chloroaniline	8.151	127	370389	31.919	ng	99
34) Hexachlorobutadiene	8.198	225	252839	48.002	ng	99
35) Caprolactam	8.539	113	125548m	49.236	ng	
36) 4-Chloro-3-methylphenol	8.651	107	452762	51.182	ng	99
37) 2-Methylnaphthalene	8.781	142	944429	48.765	ng	99
38) 1-Methylnaphthalene	8.881	142	900995	47.870	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	419685	50.280	ng	99
41) Hexachlorocyclopentadiene	8.928	237	267501	91.108	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	270306	49.842	ng	97

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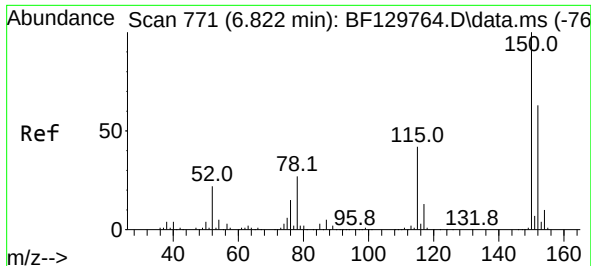
Manual Integrations
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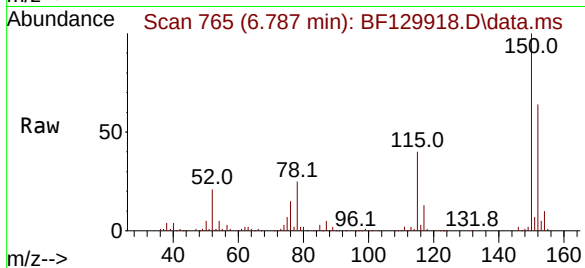
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	288093	49.376	ng	98
46) 1,1'-Biphenyl	9.245	154	1162240	50.977	ng	99
47) 2-Chloronaphthalene	9.275	162	887187	49.181	ng	98
48) 2-Nitroaniline	9.386	65	287737	50.473	ng	92
49) Acenaphthylene	9.692	152	1321461	48.308	ng	99
50) Dimethylphthalate	9.551	163	1044470	48.549	ng	99
51) 2,6-Dinitrotoluene	9.628	165	233702	50.077	ng	92
52) Acenaphthene	9.863	154	811372	48.888	ng	99
53) 3-Nitroaniline	9.798	138	152418	29.533	ng	97
54) 2,4-Dinitrophenol	9.916	184	221695	103.355	ng	96
55) Dibenzofuran	10.033	168	1208243	48.458	ng	96
56) 4-Nitrophenol	9.992	139	264832	115.343	ng	99
57) 2,4-Dinitrotoluene	10.039	165	303114	50.034	ng	91
58) Fluorene	10.380	166	1001165	48.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	220316	51.453	ng	# 84
60) Diethylphthalate	10.251	149	1029926	48.012	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	458888	49.117	ng	99
62) 4-Nitroaniline	10.422	138	245118m	47.078	ng	
63) Azobenzene	10.527	77	988424	48.205	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	152200	50.771	ng	99
66) n-Nitrosodiphenylamine	10.492	169	864771	50.174	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	294060	49.166	ng	96
68) Hexachlorobenzene	10.927	284	325248	50.202	ng	96
69) Atrazine	11.022	200	276606	52.289	ng	98
70) Pentachlorophenol	11.133	266	229530	115.716	ng	97
71) Phenanthrene	11.345	178	1391743	48.800	ng	100
72) Anthracene	11.398	178	1413212	49.829	ng	100
73) Carbazole	11.557	167	1295903	50.336	ng	99
74) Di-n-butylphthalate	11.869	149	1583070	47.777	ng	99
75) Fluoranthene	12.533	202	1386175	47.498	ng	98
77) Benzidine	12.657	184	467298	69.543	ng	99
78) Pyrene	12.763	202	1401406	55.184	ng	100
80) Butylbenzylphthalate	13.368	149	570384	53.080	ng	94
81) Benzo(a)anthracene	13.957	228	993727	49.431	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	221360	35.554	ng	98
83) Chrysene	13.992	228	913886	48.564	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	701948	55.060	ng	97
85) Di-n-octyl phthalate	14.533	149	916461	52.074	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1005795	56.754	ng	100
88) Benzo(b)fluoranthene	14.998	252	845782	47.847	ng	99
89) Benzo(k)fluoranthene	15.027	252	839219	49.505	ng	99
90) Benzo(a)pyrene	15.362	252	760777	54.652	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	873420	59.730	ng	98
92) Benzo(g,h,i)perylene	17.333	276	899450	61.655	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

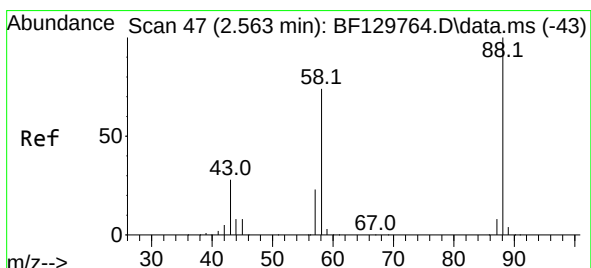
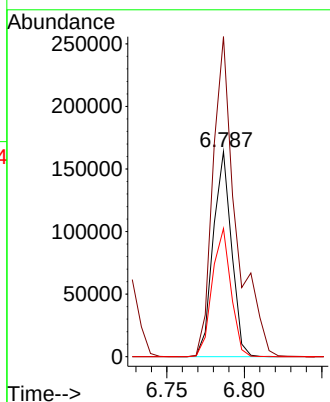
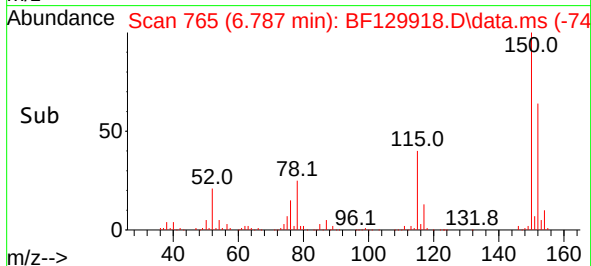
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD



Tgt Ion: 152 Resp: 134638
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 62.5 53.4 80.0

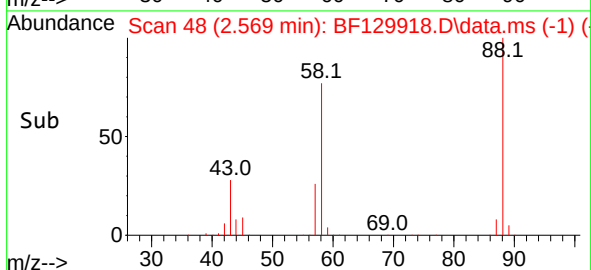
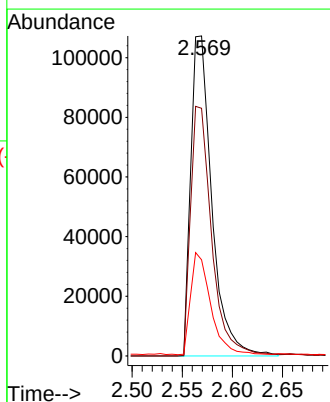
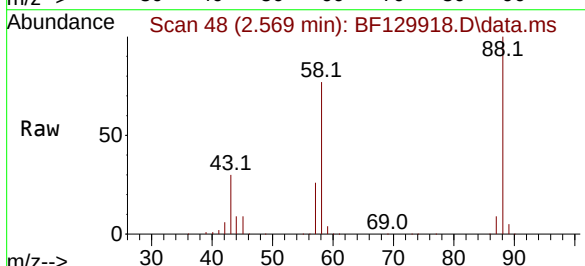
Manual Integrations
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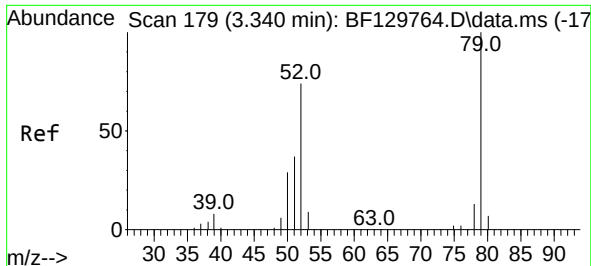
Reviewed By : Christian Giraldo 08/22/2022
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#2
 1,4-Dioxane
 Concen: 46.894 ng
 RT: 2.569 min Scan# 48
 Delta R.T. 0.100 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

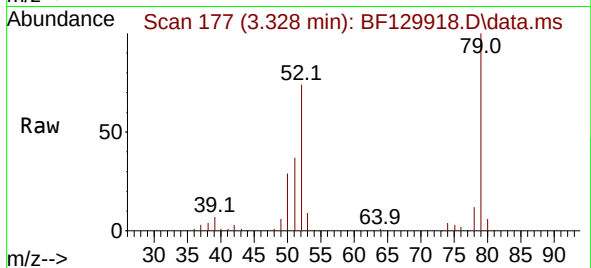
Tgt Ion: 88 Resp: 157324
 Ion Ratio Lower Upper
 88 100
 58 78.8 60.9 91.3
 43 30.1 23.6 35.4





#3
Pyridine
Concen: 46.306 ng
RT: 3.328 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

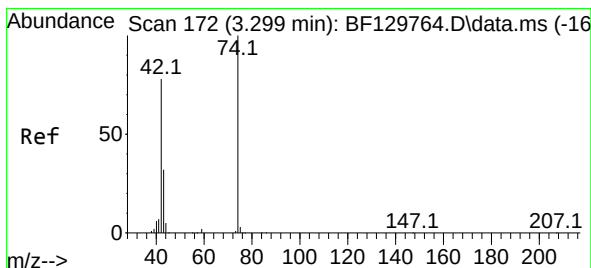
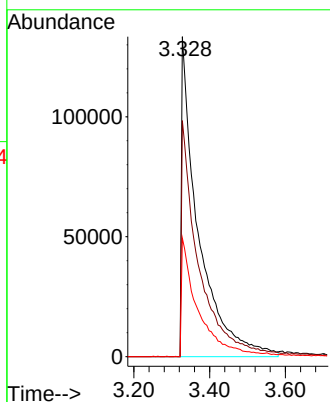
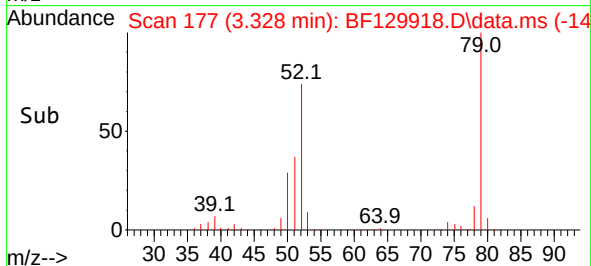
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



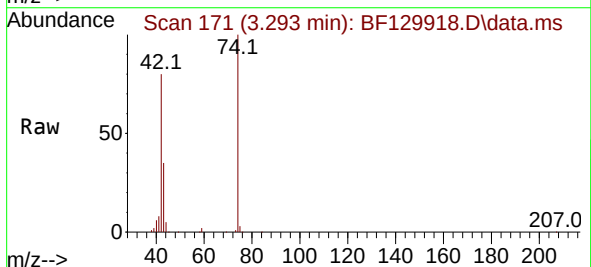
Tgt Ion: 79 Resp: 406544
Ion Ratio Lower Upper
79 100
52 73.8 59.4 89.2
51 37.0 29.5 44.3

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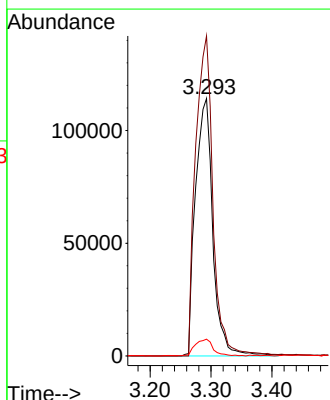
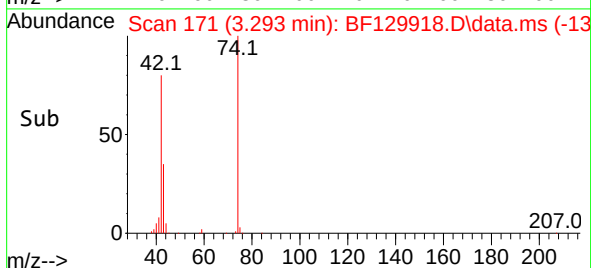
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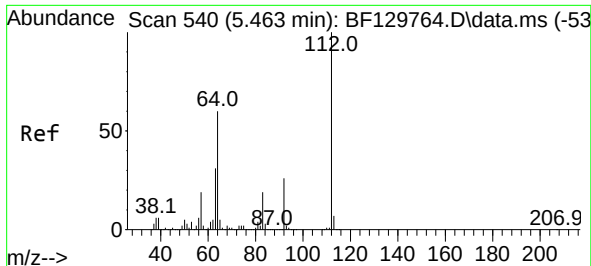


#4
n-Nitrosodimethylamine
Concen: 55.920 ng
RT: 3.293 min Scan# 171
Delta R.T. 0.100 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



Tgt Ion: 42 Resp: 226257
Ion Ratio Lower Upper
42 100
74 124.3 103.1 154.7
44 6.5 5.4 8.2





#5
2-Fluorophenol
Concen: 122.249 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

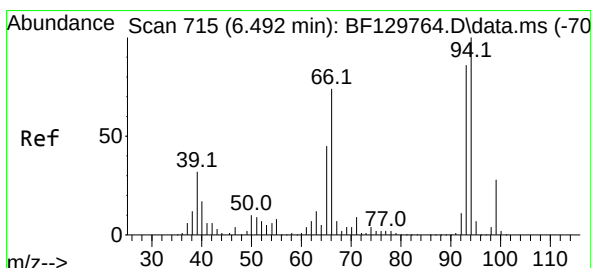
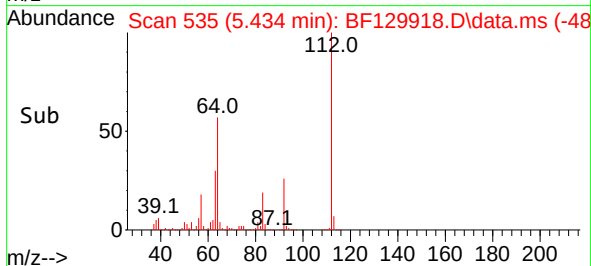
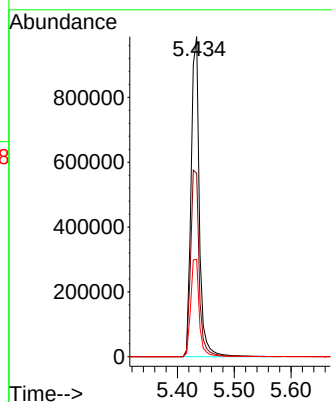
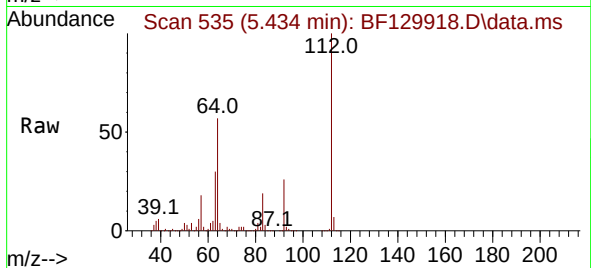
ClientSampleId :

TP3-0815MSD

Tgt Ion:112 Resp: 99410
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 30.4 24.6 37.0

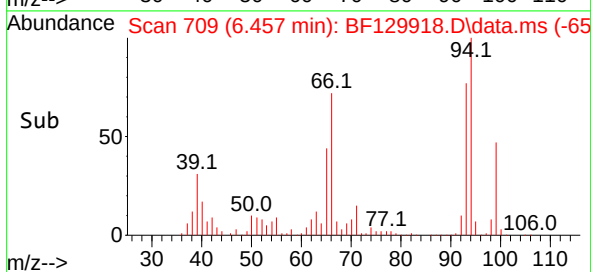
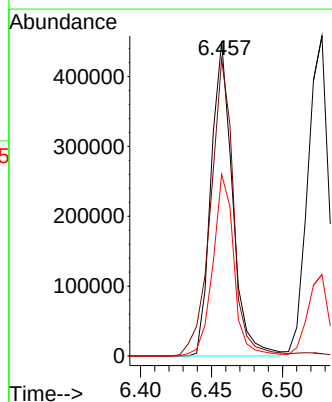
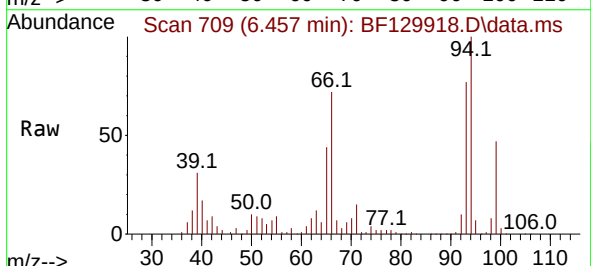
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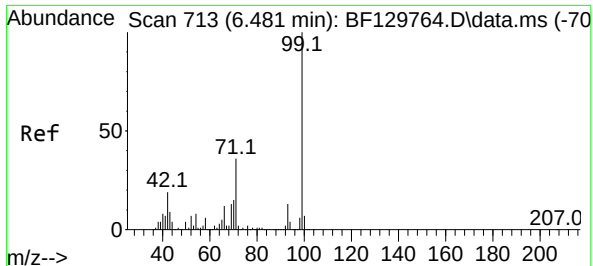
Reviewed By :Christian Giraldo 08/22/2022
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#6
Aniline
Concen: 40.717 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

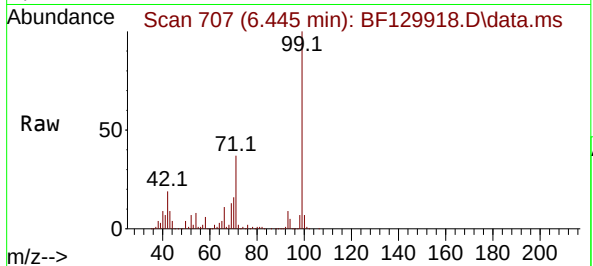
Tgt Ion: 93 Resp: 472572
Ion Ratio Lower Upper
93 100
66 94.4 68.7 103.1
65 57.8 41.6 62.4





#7
Phenol-d6
Concen: 124.584 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

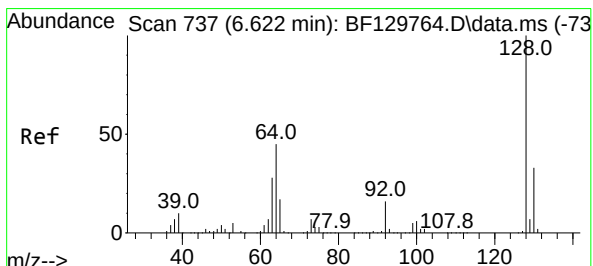
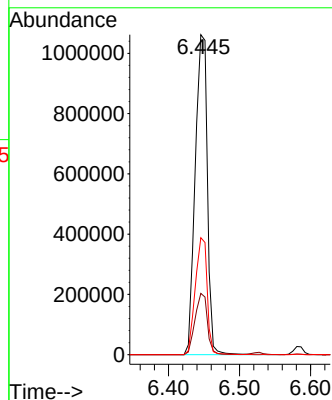
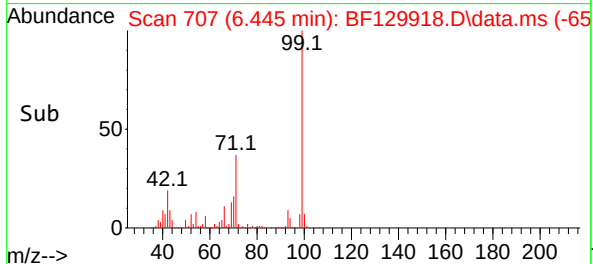
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Tgt Ion: 99 Resp: 126867
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 36.6 28.8 43.2

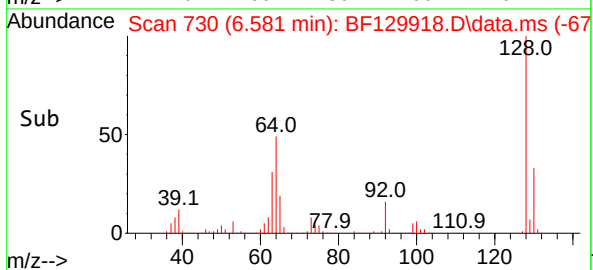
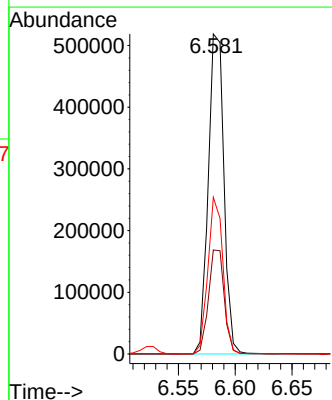
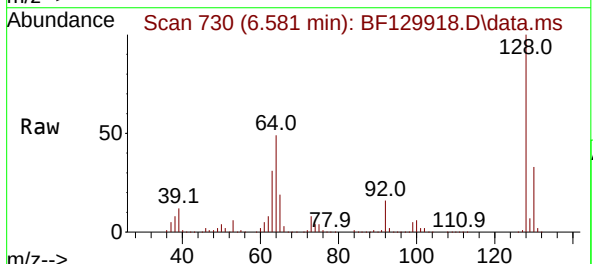
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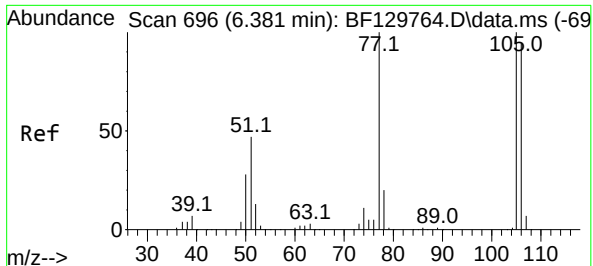
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#8
2-Chlorophenol
Concen: 54.975 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

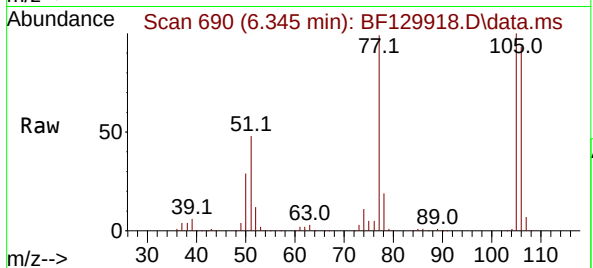
Tgt Ion:128 Resp: 497671
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 49.0 24.9 64.9





#9
Benzaldehyde
Concen: 55.407 ng
RT: 6.345 min Scan# 696
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

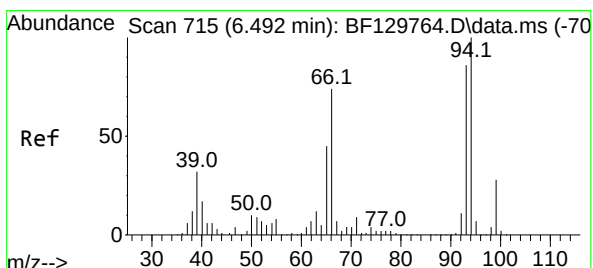
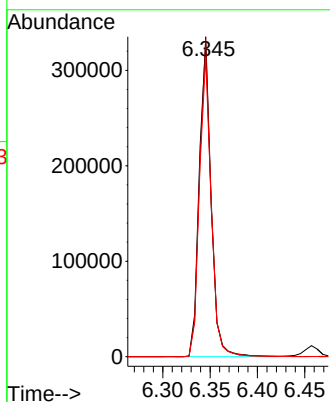
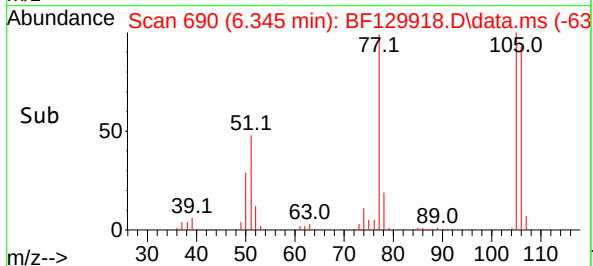
Instrument :
BNA_F
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TP3-0815MSD



Tgt Ion: 77 Resp: 28804
Ion Ratio Lower Upper
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105 101.4 80.3 120.3
106 94.7 74.3 114.3

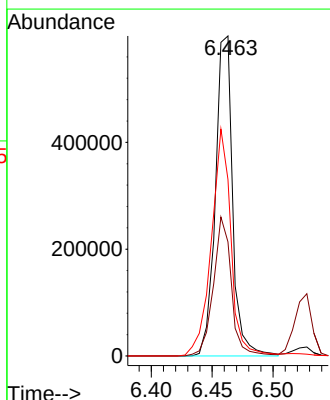
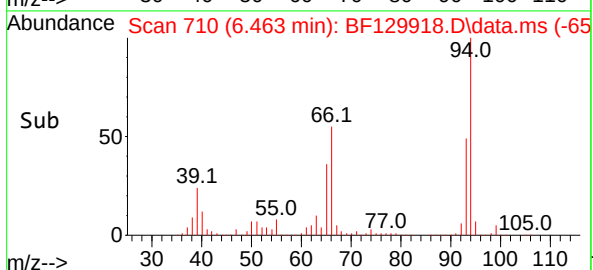
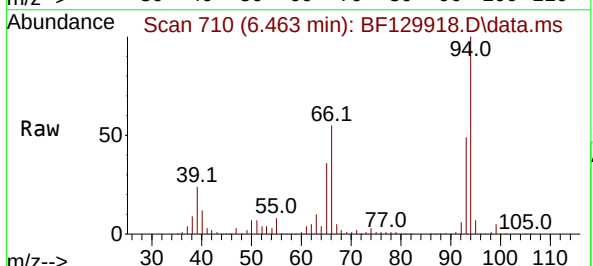
Manual Integrations
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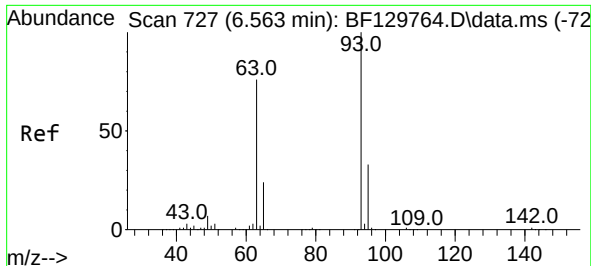
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 53.105 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 94 Resp: 593195
Ion Ratio Lower Upper
94 100
65 35.7 24.9 64.9
66 55.2 54.2 94.2





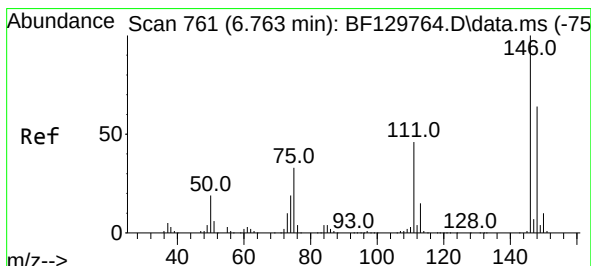
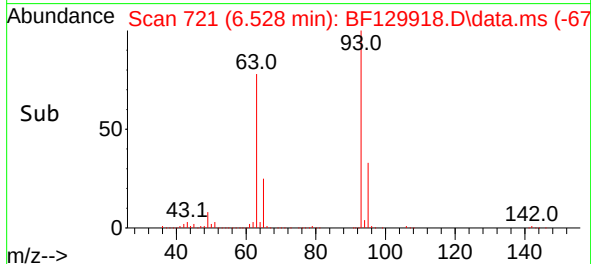
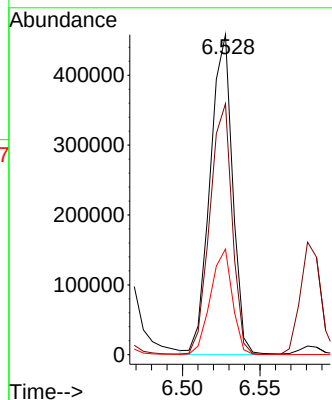
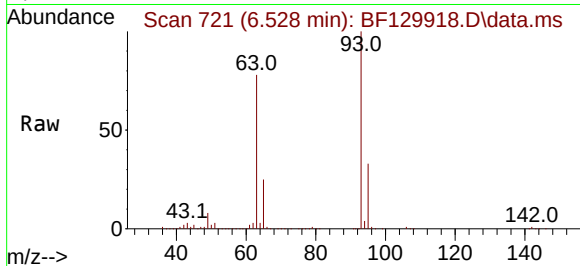
#11
bis(2-Chloroethyl)ether
Concen: 54.557 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

Tgt Ion: 93 Resp: 462775
Ion Ratio Lower Upper
93 100
63 78.4 55.9 95.9
95 33.0 12.3 52.3

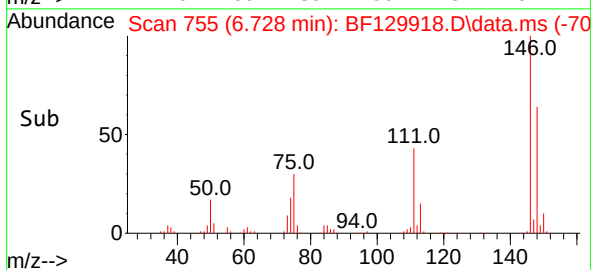
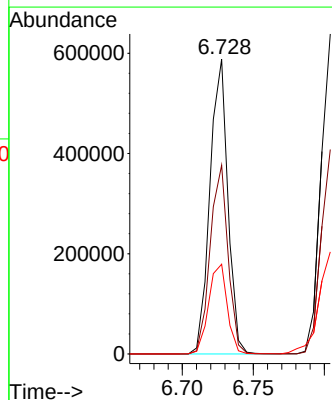
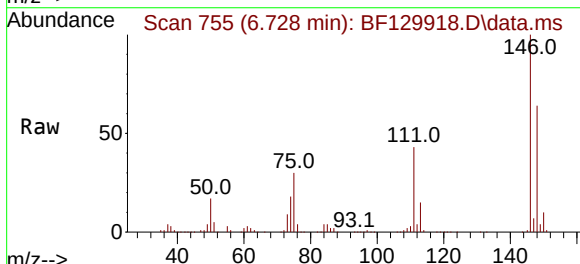
Manual Integrations
APPROVED

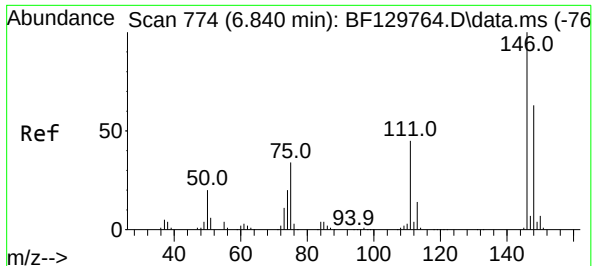
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 52.944 ng
RT: 6.728 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:146 Resp: 517415
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 30.4 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 52.070 ng

RT: 6.804 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

Tgt Ion:146 Resp: 51996

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

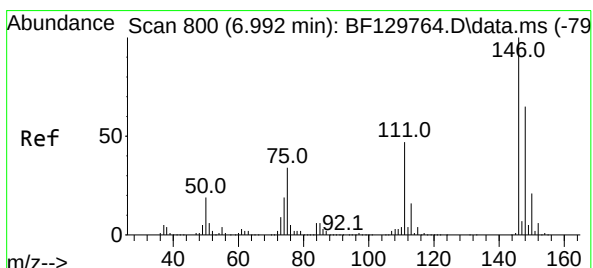
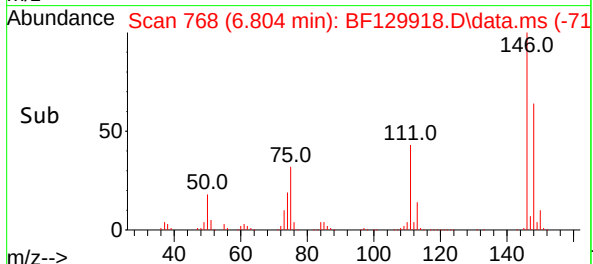
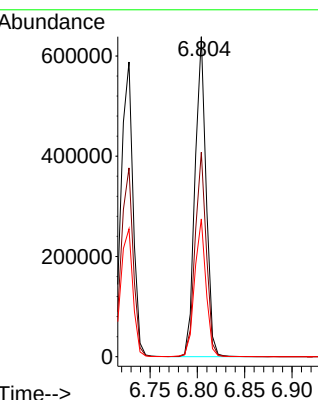
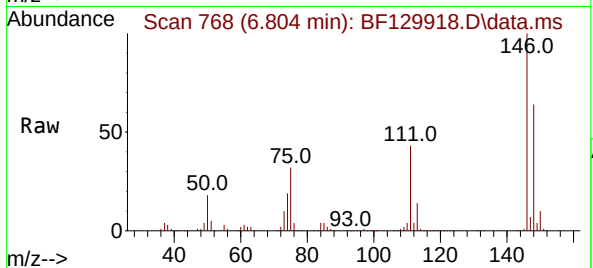
111 43.1 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#14

1,2-Dichlorobenzene

Concen: 52.991 ng

RT: 6.957 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

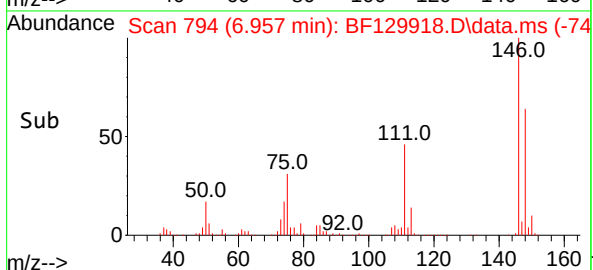
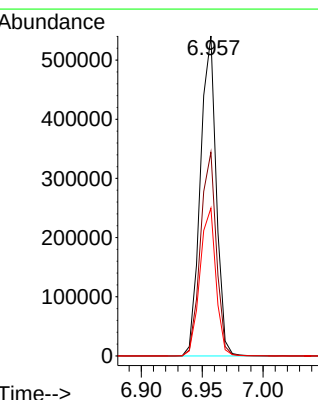
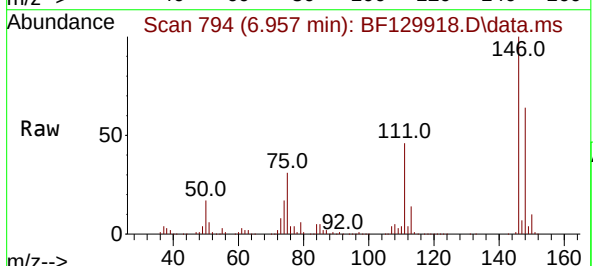
Tgt Ion:146 Resp: 491459

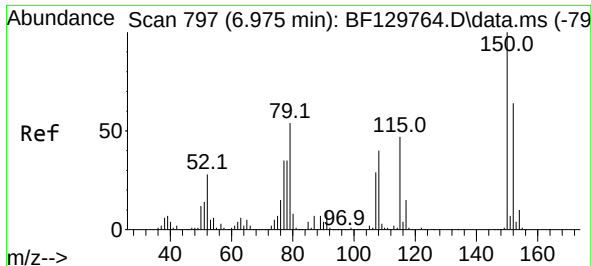
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

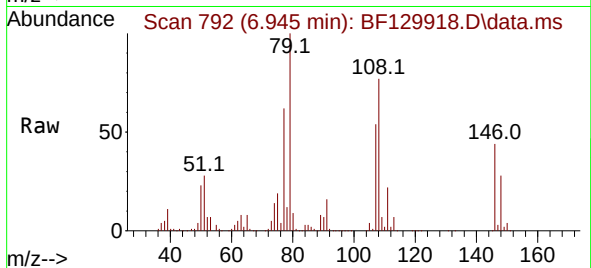
111 46.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 55.654 ng
RT: 6.945 min Scan# 797
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

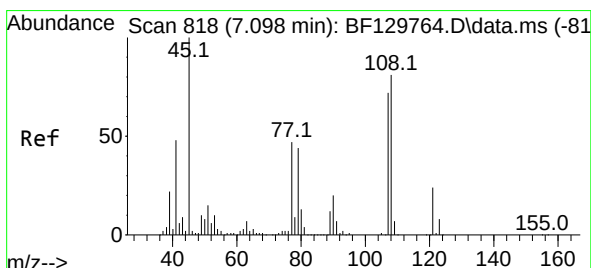
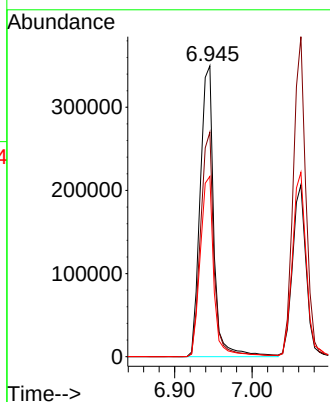
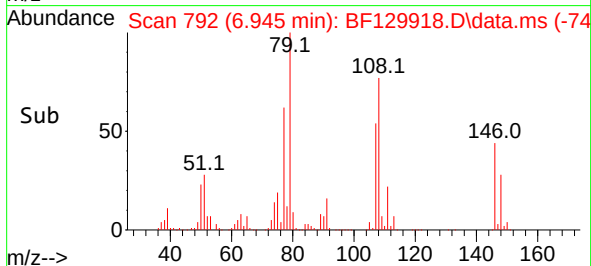
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion: 79 Resp: 42785
Ion Ratio Lower Upper
79 100
108 77.2 59.2 88.8
77 62.0 51.9 77.9

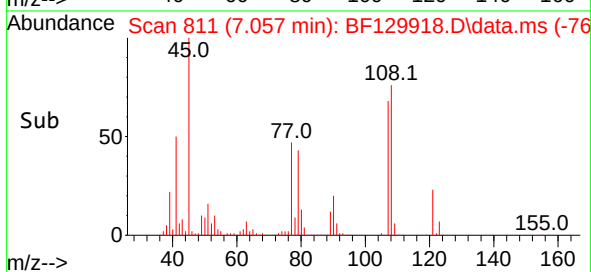
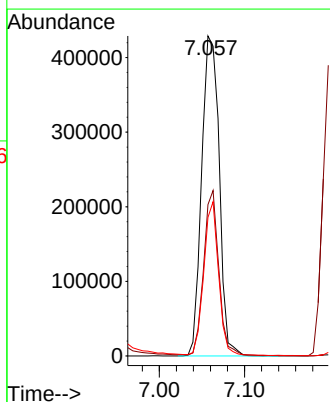
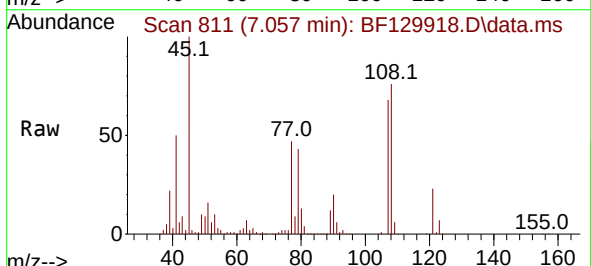
Manual Integrations
APPROVED

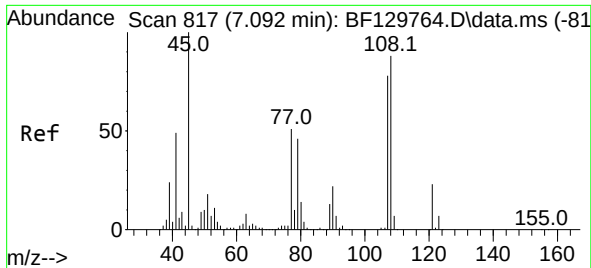
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.959 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

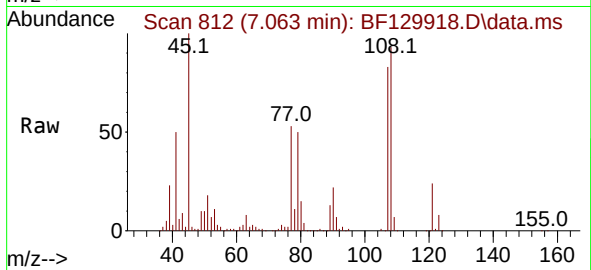
Tgt Ion: 45 Resp: 613303
Ion Ratio Lower Upper
45 100
77 47.3 27.4 67.4
79 43.3 24.4 64.4





#17
2-Methylphenol
Concen: 53.979 ng
RT: 7.063 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

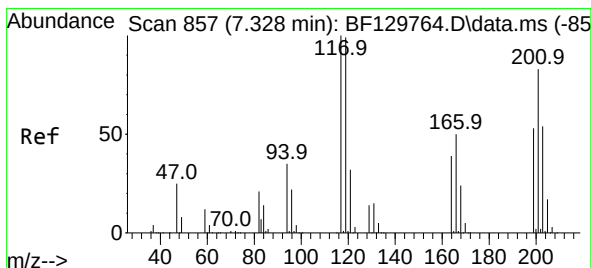
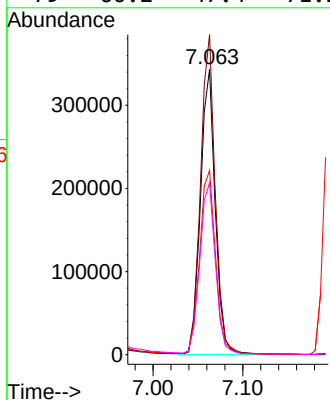
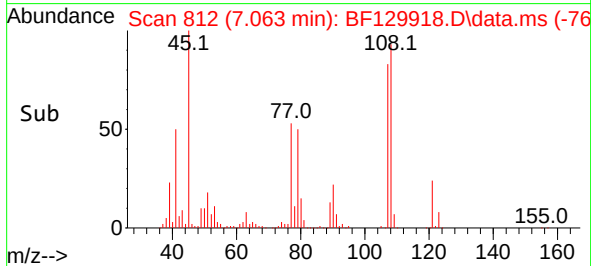
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:107 Resp: 392358
Ion Ratio Lower Upper
107 100
108 112.1 90.2 135.2
77 64.6 51.8 77.8
79 60.2 47.4 71.2

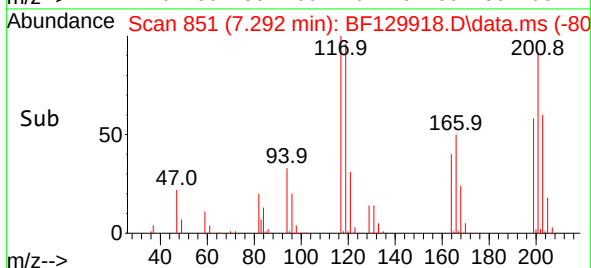
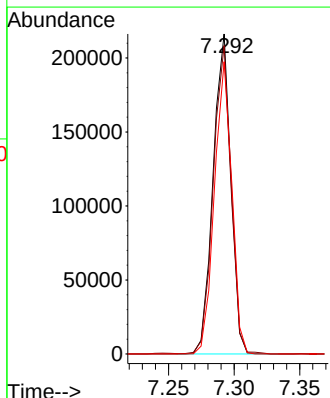
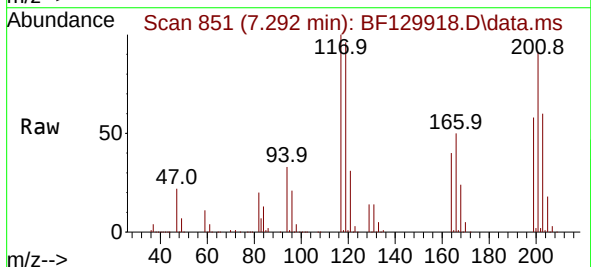
Manual Integrations
APPROVED

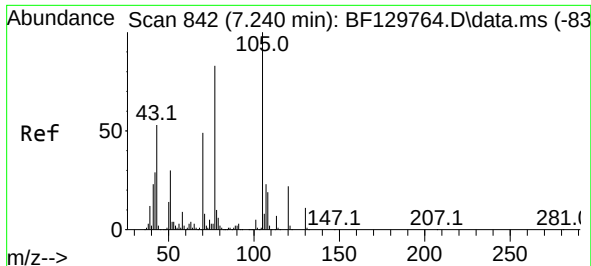
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#18
Hexachloroethane
Concen: 54.223 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

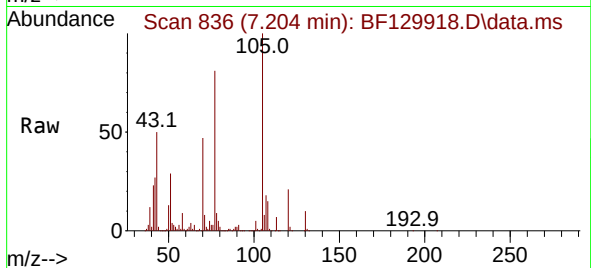
Tgt Ion:117 Resp: 203329
Ion Ratio Lower Upper
117 100
119 96.4 79.1 118.7
201 91.4 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 54.162 ng
RT: 7.204 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

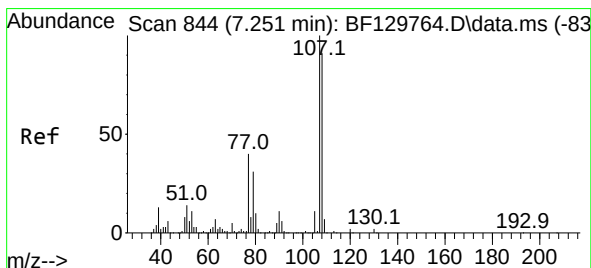
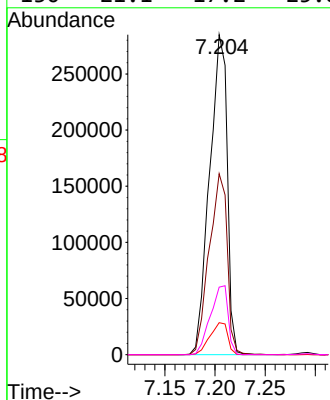
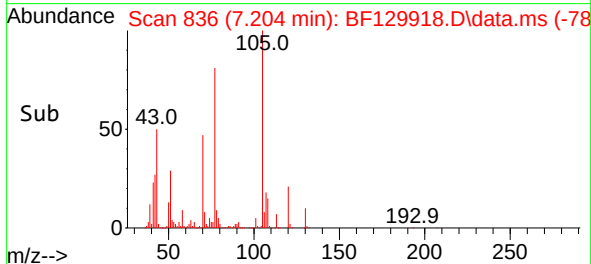
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion: 70 Resp: 348628
Ion Ratio Lower Upper
70 100
42 56.5 47.6 71.4
101 10.0 8.1 12.1
130 21.1 17.2 25.8

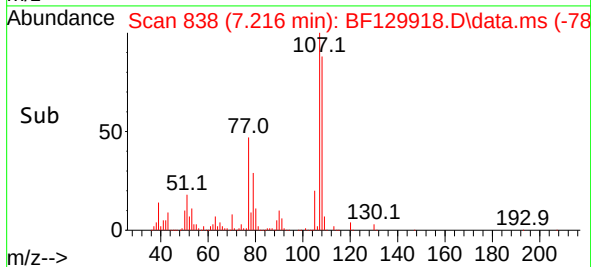
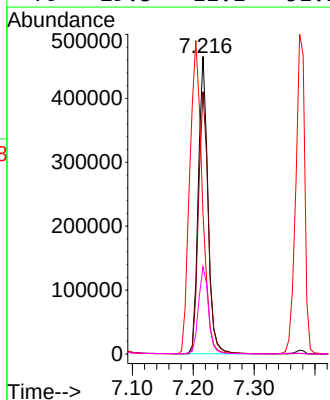
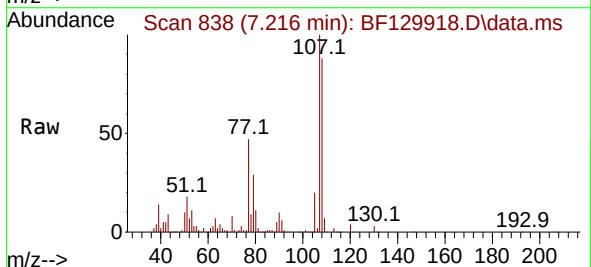
Manual Integrations
APPROVED

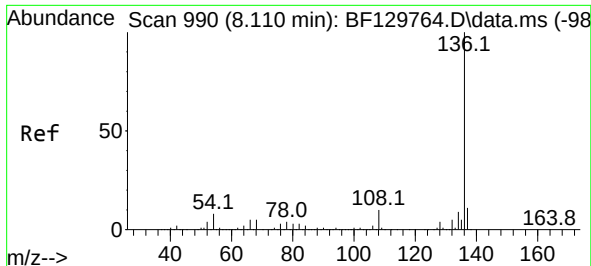
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#20
3+4-Methylphenols
Concen: 52.597 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:107 Resp: 513191
Ion Ratio Lower Upper
107 100
108 88.1 71.3 111.3
77 47.1 20.4 60.4
79 29.3 11.1 51.1





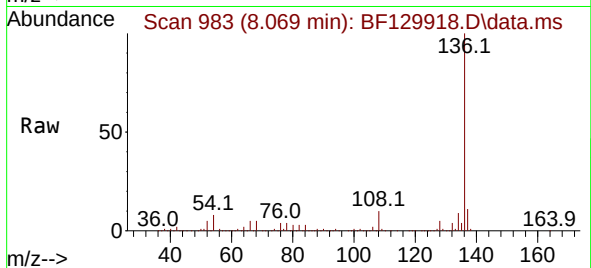
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

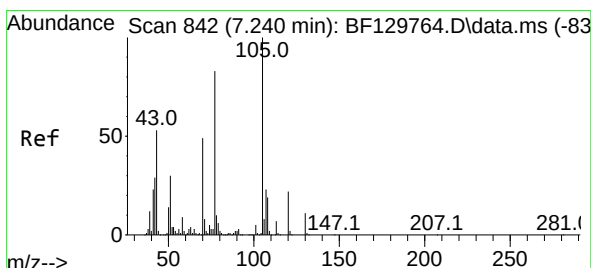
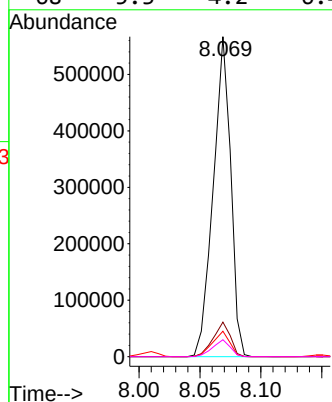
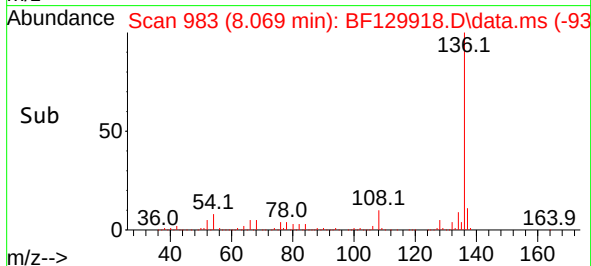


Tgt Ion:136 Resp: 56435
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.9 6.2 9.2
68 5.3 4.2 6.4

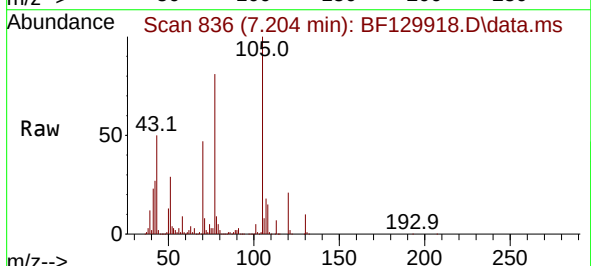
Manual Integrations

APPROVED

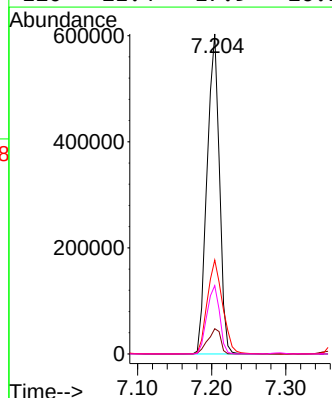
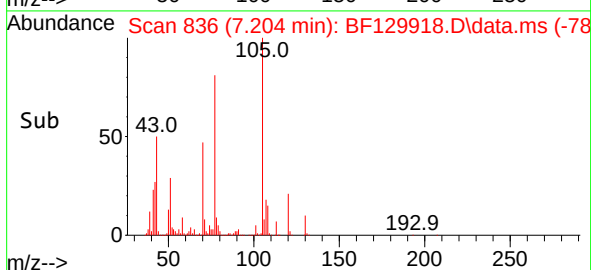
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

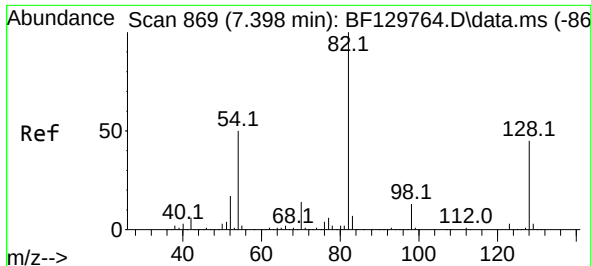


#22
Acetophenone
Concen: 50.860 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



Tgt Ion:105 Resp: 699472
Ion Ratio Lower Upper
105 100
71 7.9 6.6 9.8
51 29.3 23.8 35.8
120 21.4 17.9 26.9





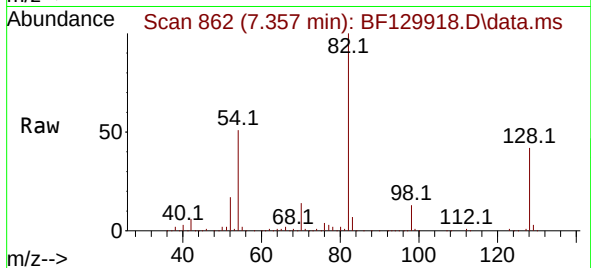
#23
Nitrobenzene-d5
Concen: 77.165 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

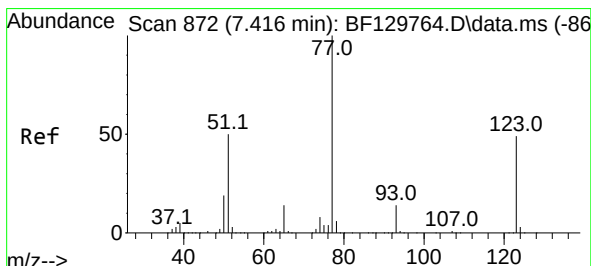
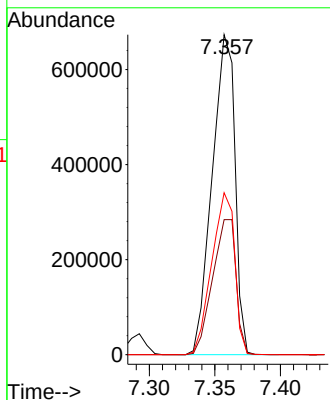
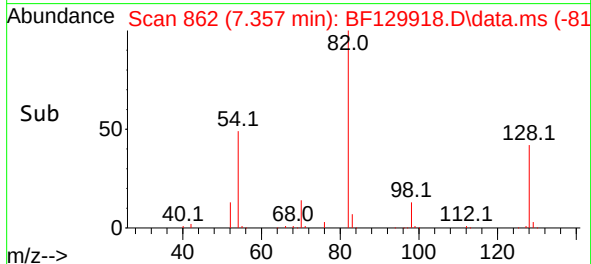


Tgt Ion: 82 Resp: 813500
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 50.6 40.0 60.0

Manual Integrations

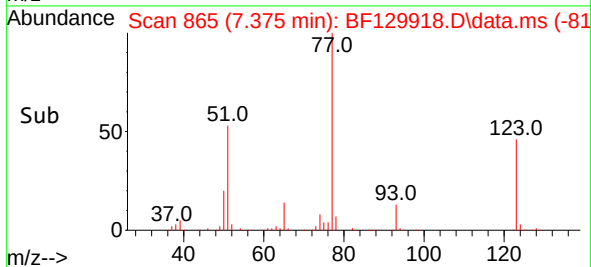
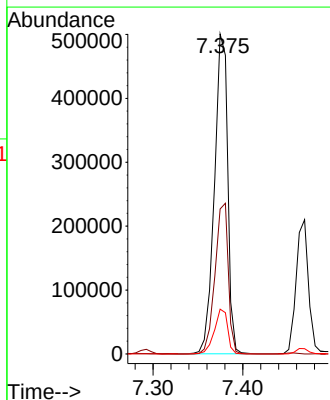
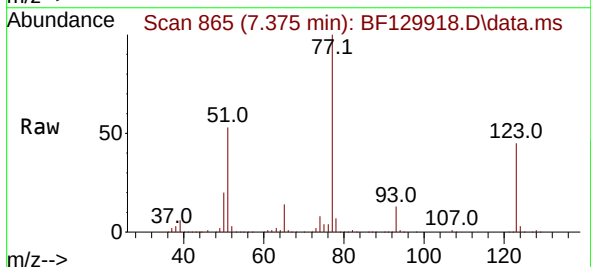
APPROVED

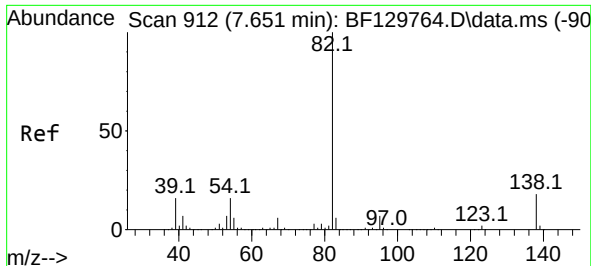
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#24
Nitrobenzene
Concen: 48.451 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

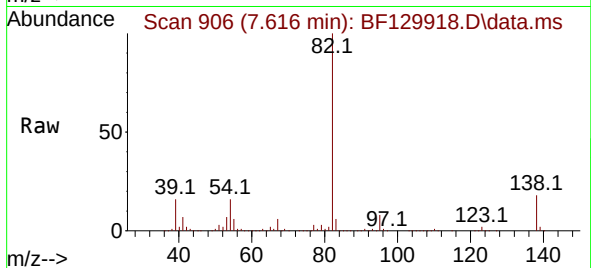
Tgt Ion: 77 Resp: 515057
Ion Ratio Lower Upper
77 100
123 45.3 39.2 58.8
65 14.0 11.1 16.7





#25
Isophorone
Concen: 52.209 ng
RT: 7.616 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

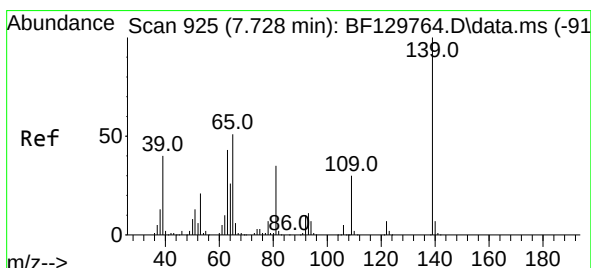
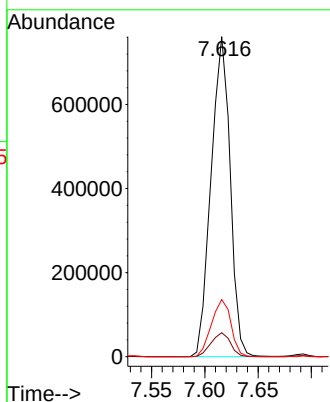
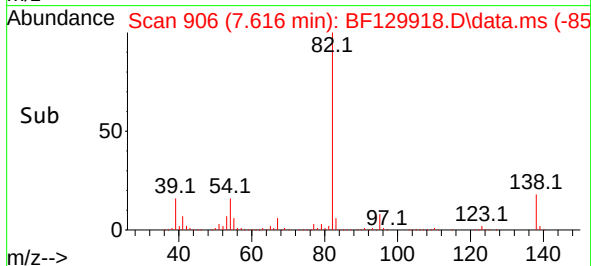
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion: 82 Resp: 947334
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.8 14.6 21.8

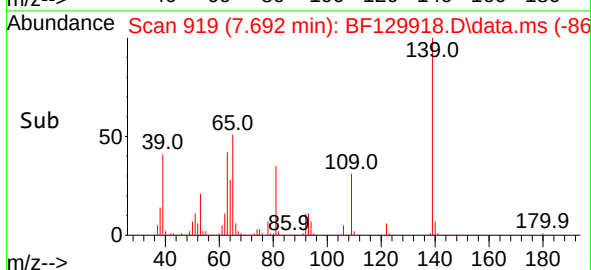
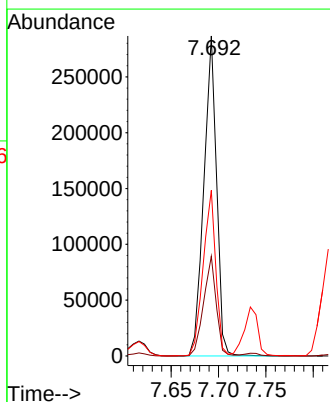
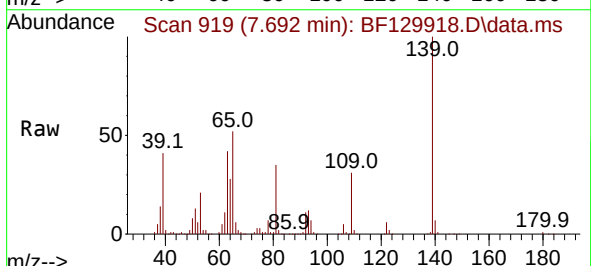
Manual Integrations
APPROVED

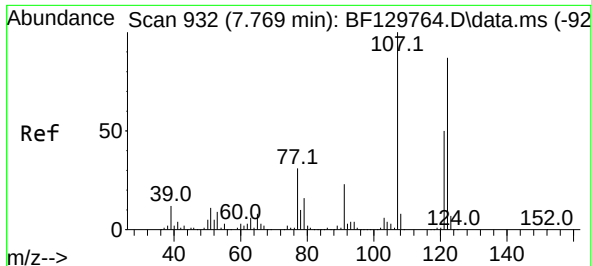
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#26
2-Nitrophenol
Concen: 51.146 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:139 Resp: 267438
Ion Ratio Lower Upper
139 100
109 31.1 24.4 36.6
65 51.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 58.246 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129918.D

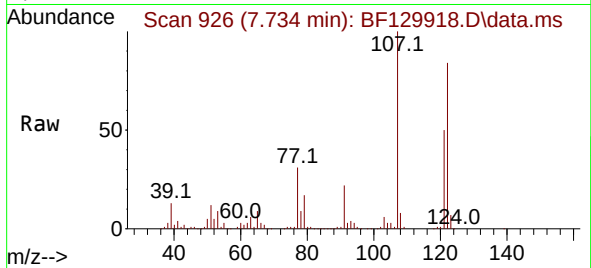
Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD



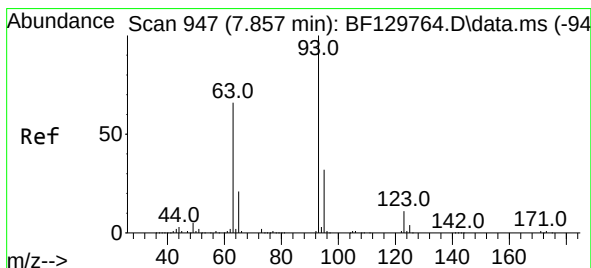
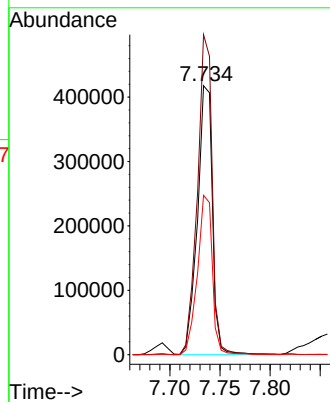
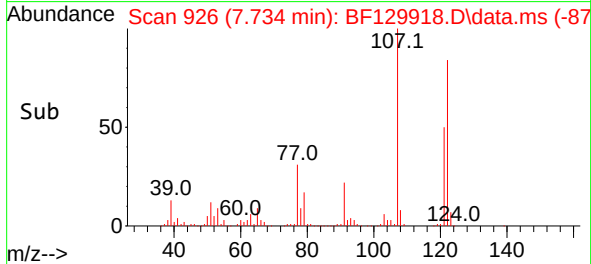
Tgt Ion:122 Resp: 43678

Ion	Ratio	Lower	Upper
122	100		
107	119.0	92.2	138.4
121	59.2	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 54.792 ng

RT: 7.822 min Scan# 941

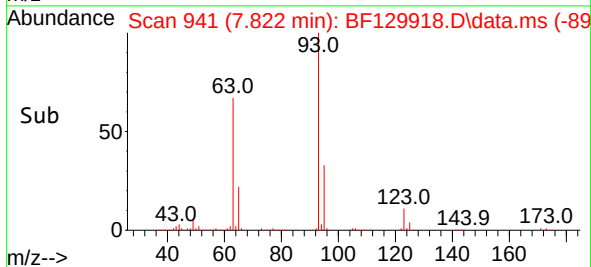
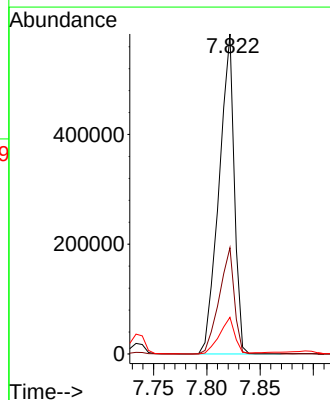
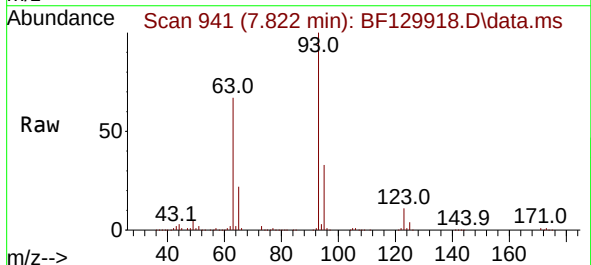
Delta R.T. -0.000 min

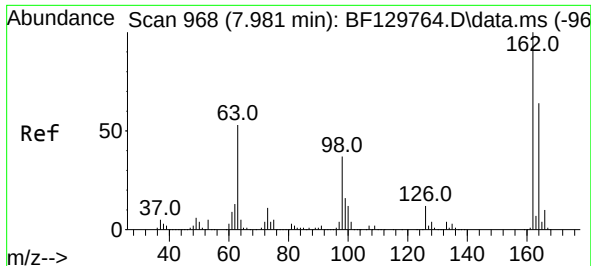
Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Tgt Ion: 93 Resp: 580493

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.6	38.4
123	11.4	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 50.118 ng

RT: 7.939 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

Tgt Ion:162 Resp: 41095

Ion Ratio Lower Upper

162 100

164 62.5 43.7 83.7

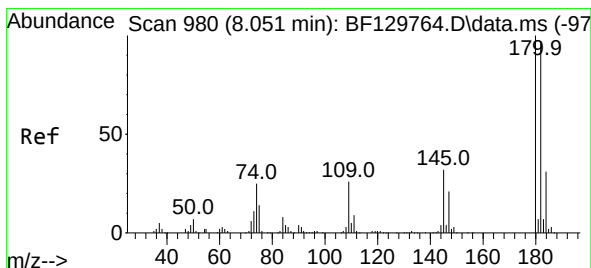
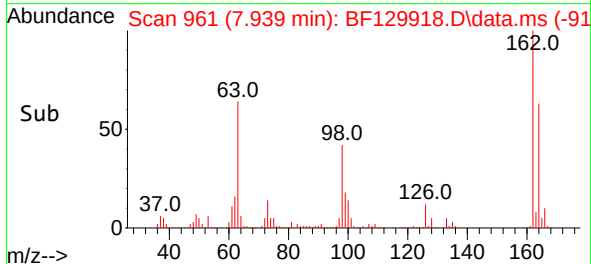
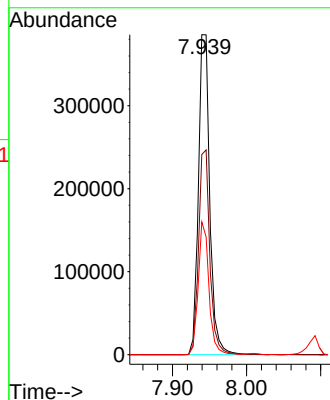
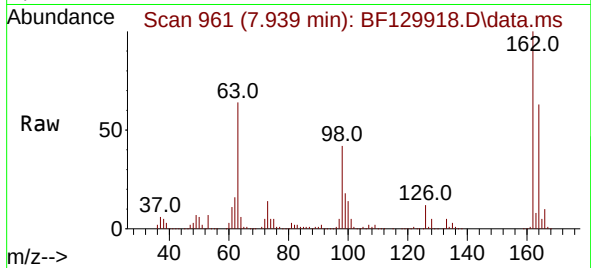
98 41.5 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.072 ng

RT: 8.010 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

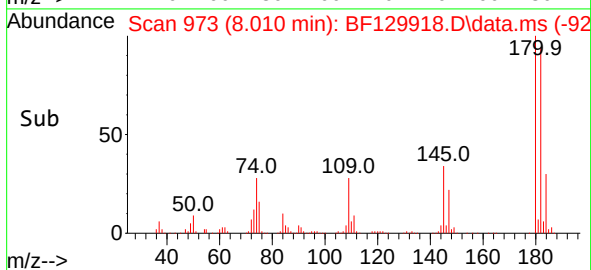
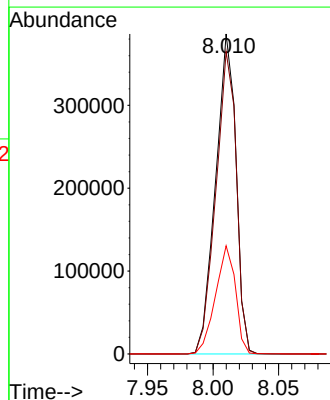
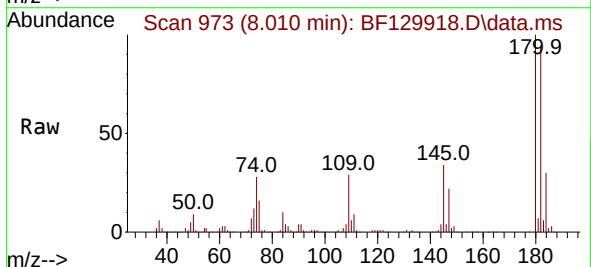
Tgt Ion:180 Resp: 415839

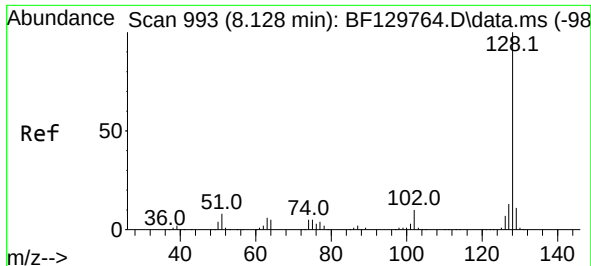
Ion Ratio Lower Upper

180 100

182 94.5 77.6 116.4

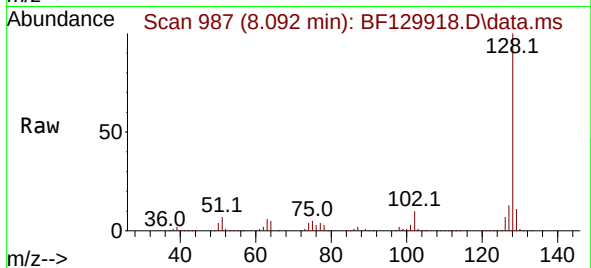
145 33.8 25.6 38.4





#31
Naphthalene
Concen: 47.754 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

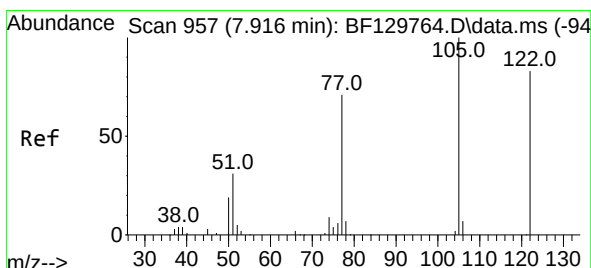
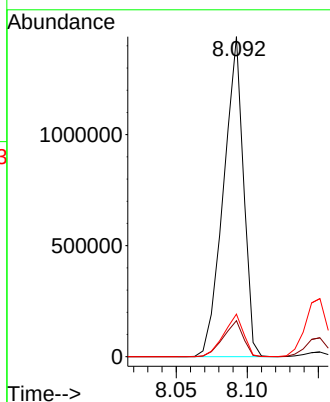
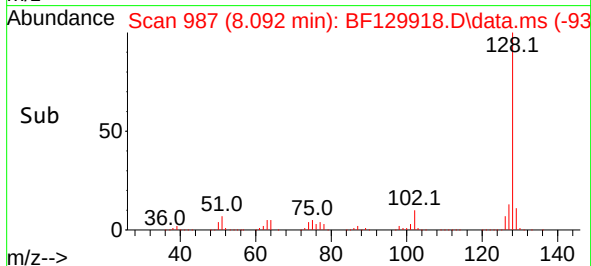
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:128 Resp: 1409108
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.7 16.1

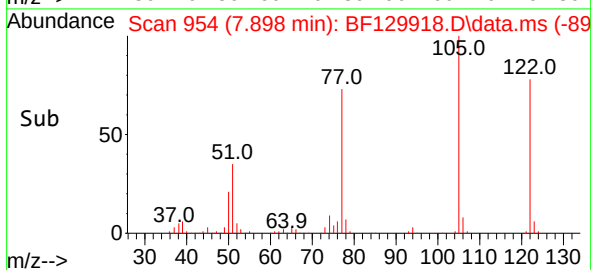
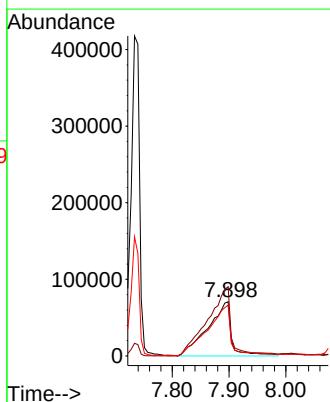
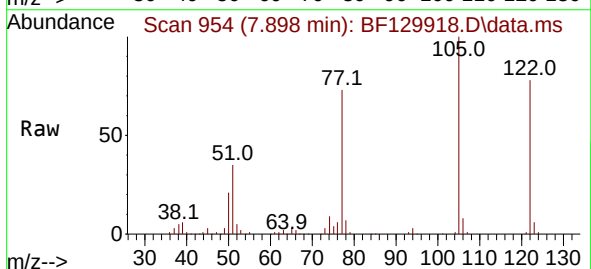
Manual Integrations
APPROVED

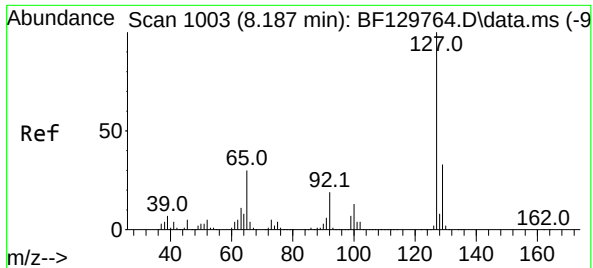
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#32
Benzoic acid
Concen: 57.842 ng
RT: 7.898 min Scan# 954
Delta R.T. 0.023 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:122 Resp: 208192
Ion Ratio Lower Upper
122 100
105 127.6 99.9 139.9
77 93.4 65.9 105.9





#33
4-Chloroaniline
Concen: 31.919 ng
RT: 8.151 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

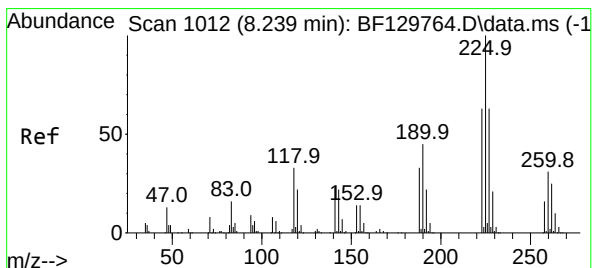
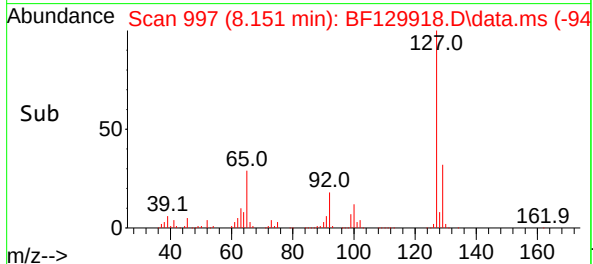
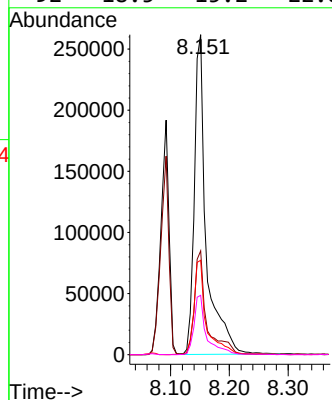
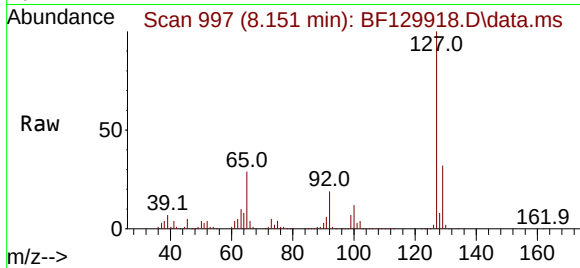
ClientSampleId :

TP3-0815MSD

Tgt Ion:127 Resp: 370389
Ion Ratio Lower Upper
127 100
129 32.4 26.7 40.1
65 29.5 24.2 36.2
92 18.5 15.2 22.8

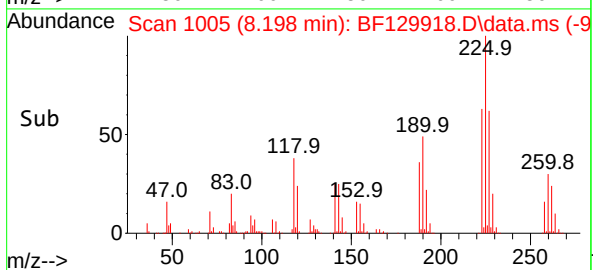
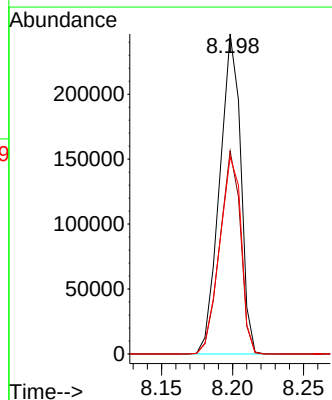
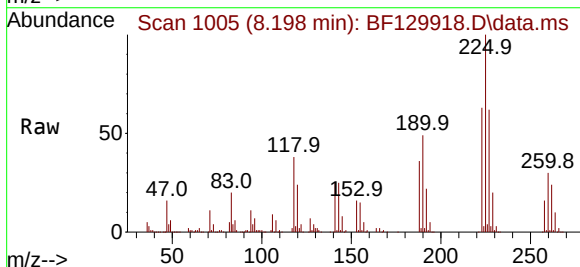
Manual Integrations
APPROVED

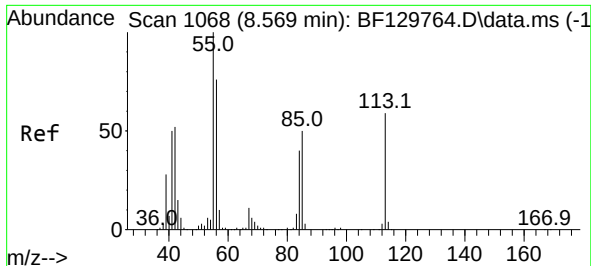
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#34
Hexachlorobutadiene
Concen: 48.002 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

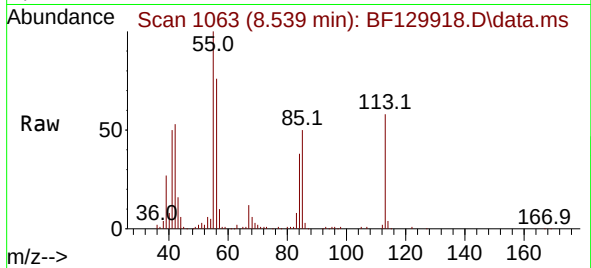
Tgt Ion:225 Resp: 252839
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.2
227 61.6 50.6 75.8





#35
Caprolactam
Concen: 49.236 ng m
RT: 8.539 min Scan# 1063
Delta R.T. 0.012 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

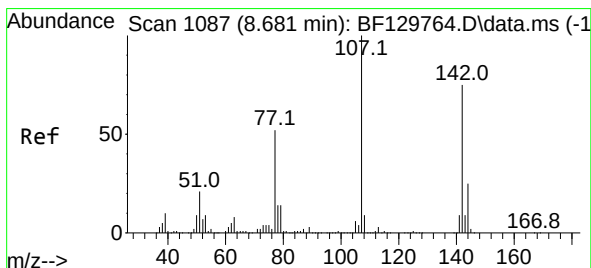
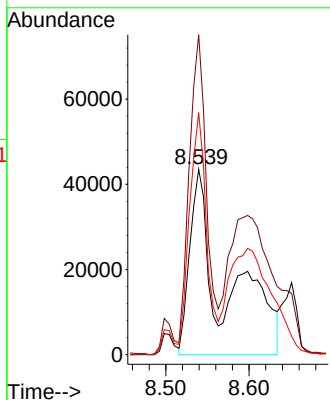
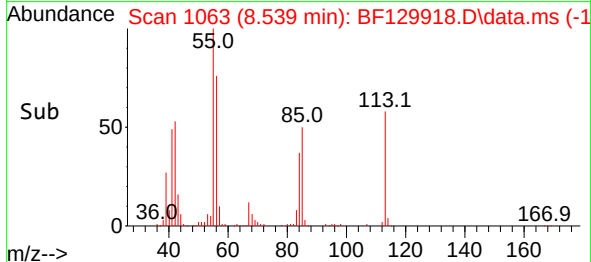
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:113 Resp: 12554
Ion Ratio Lower Upper
113 100
55 172.6 148.8 188.8
56 130.5 109.1 149.1

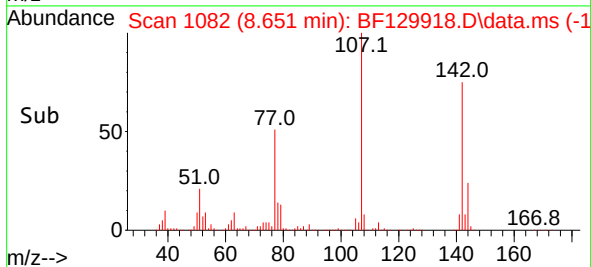
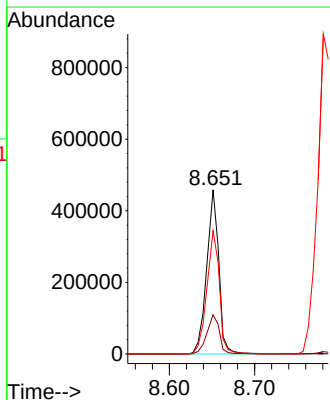
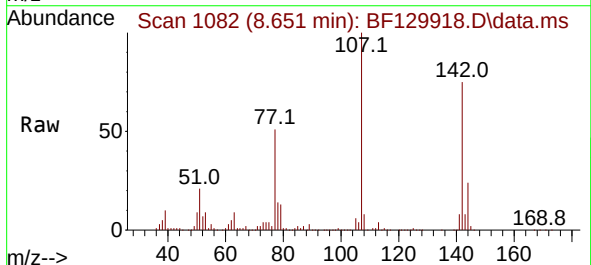
Manual Integrations
APPROVED

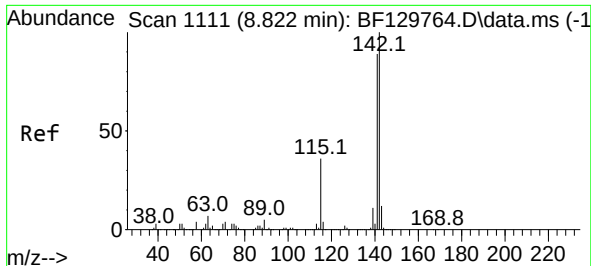
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#36
4-Chloro-3-methylphenol
Concen: 51.182 ng
RT: 8.651 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:107 Resp: 452762
Ion Ratio Lower Upper
107 100
144 23.9 19.9 29.9
142 75.0 60.2 90.4





#37

2-Methylnaphthalene

Concen: 48.765 ng

RT: 8.781 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

Tgt Ion:142 Resp: 944429

Ion Ratio Lower Upper

142 100

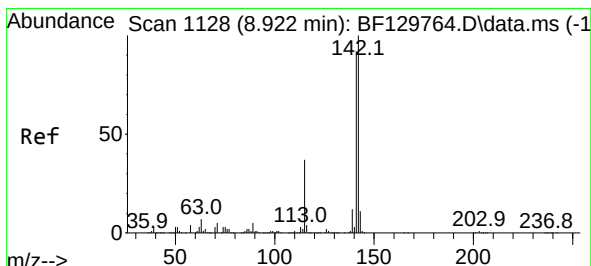
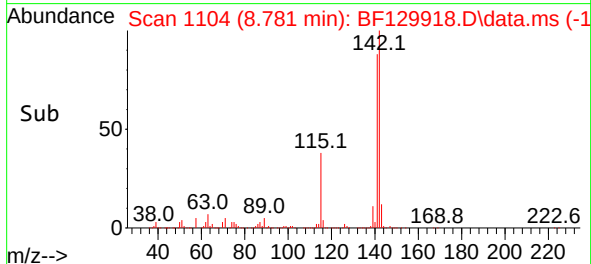
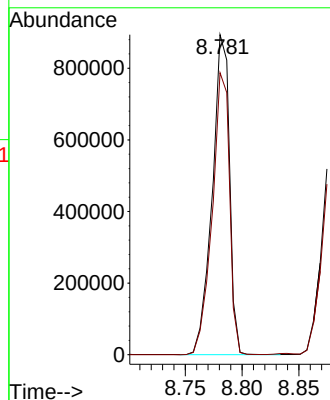
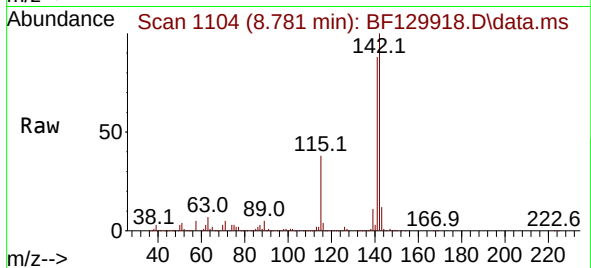
141 88.1 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#38

1-Methylnaphthalene

Concen: 47.870 ng

RT: 8.881 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129918.D

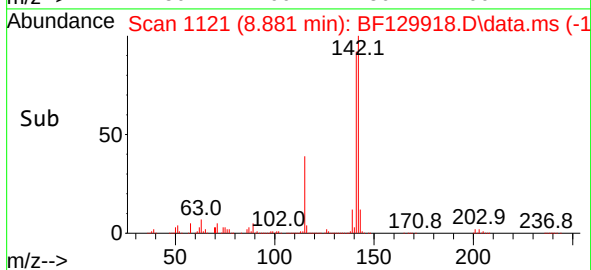
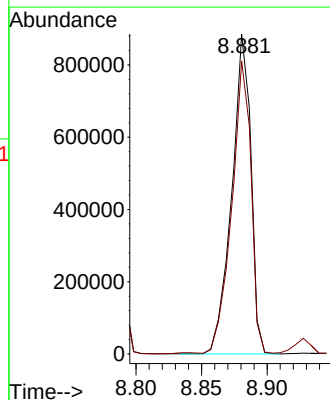
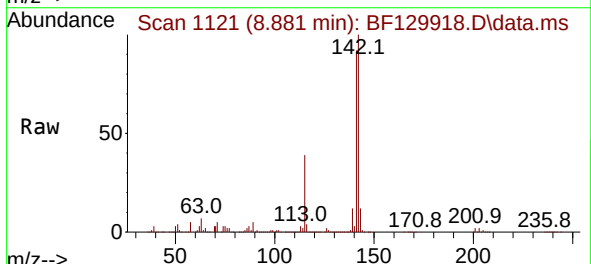
Acq: 19 Aug 2022 19:51

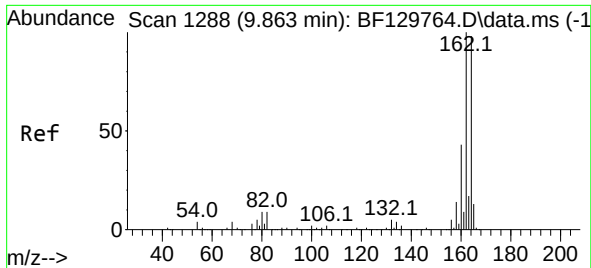
Tgt Ion:142 Resp: 900995

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3





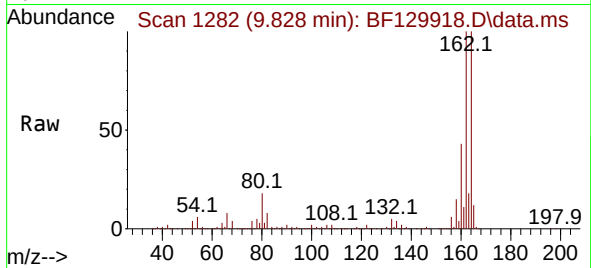
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

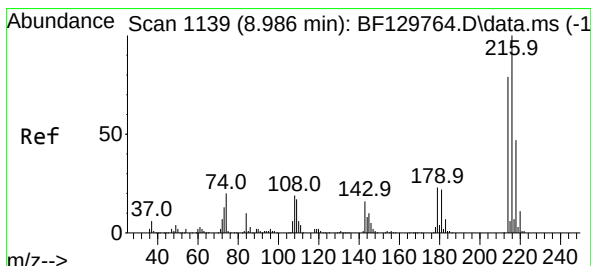
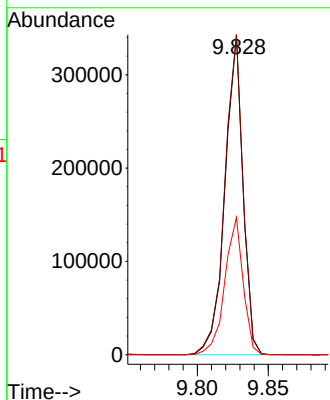
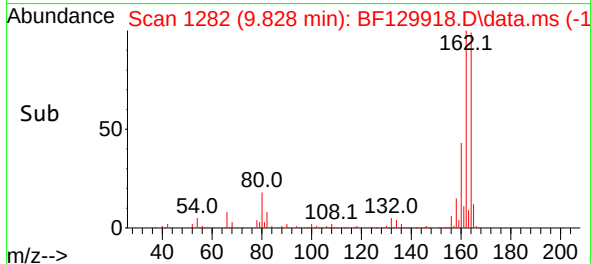


Tgt Ion:164 Resp: 300110
Ion Ratio Lower Upper
164 100
162 100.1 82.0 123.0
160 42.9 35.4 53.0

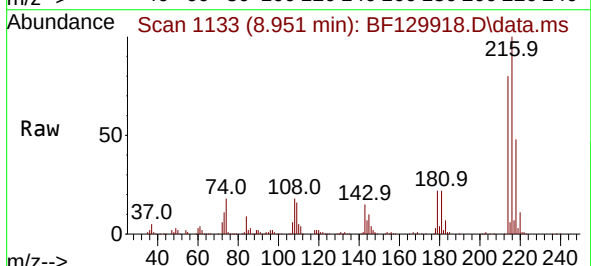
Manual Integrations

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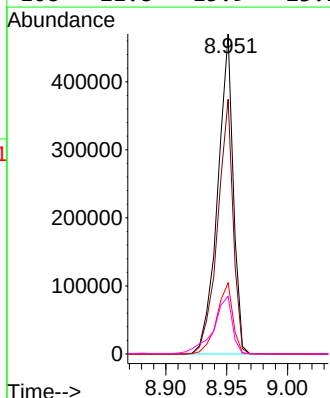
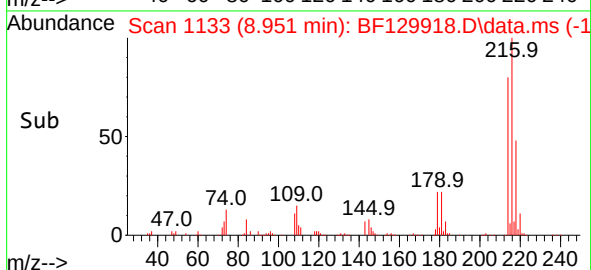
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

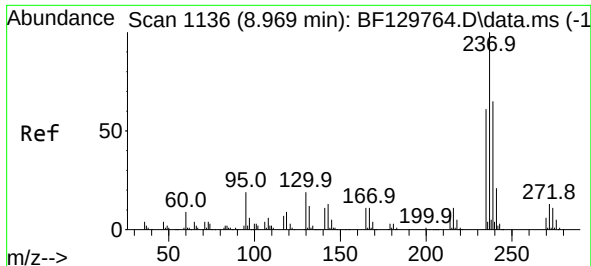


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.280 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



Tgt Ion:216 Resp: 419685
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 22.6 18.1 27.1
108 21.8 15.9 23.9





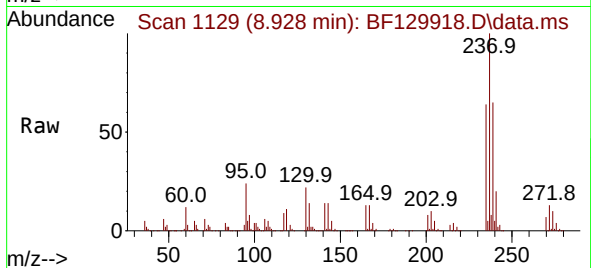
#41
Hexachlorocyclopentadiene
Concen: 91.108 ng
RT: 8.928 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

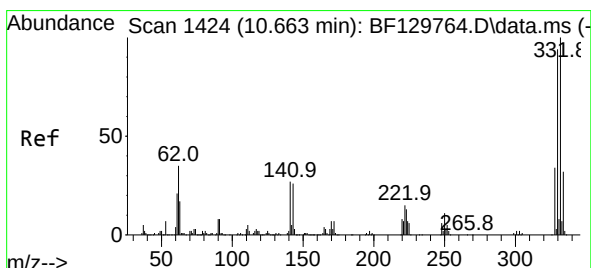
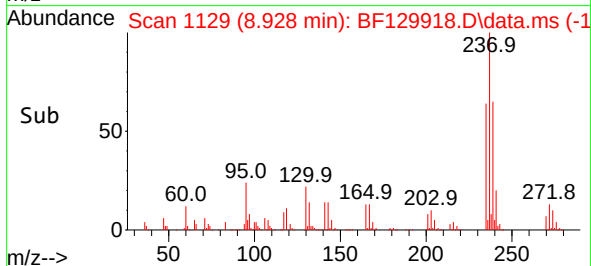
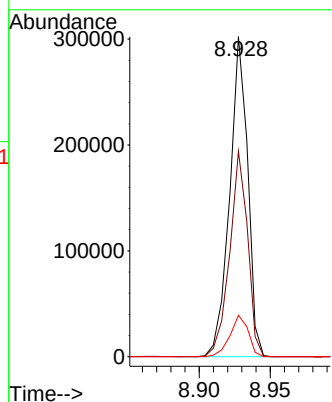


Tgt Ion:237 Resp: 26750
Ion Ratio Lower Upper
237 100
235 64.2 41.5 81.5
272 12.9 0.0 33.3

Manual Integrations

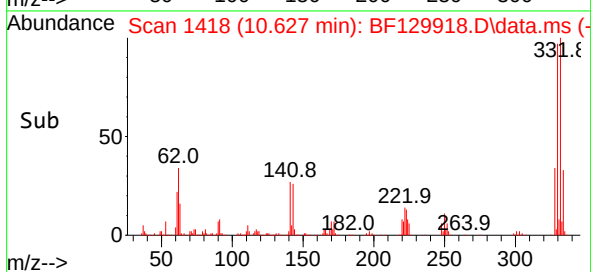
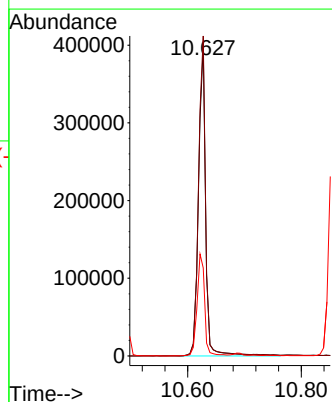
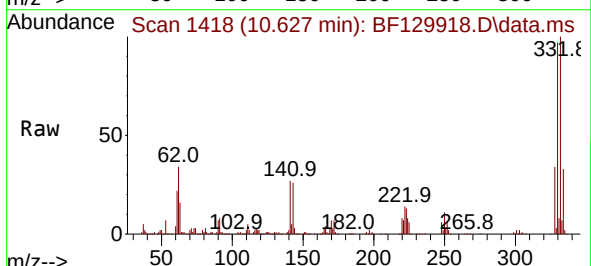
APPROVED

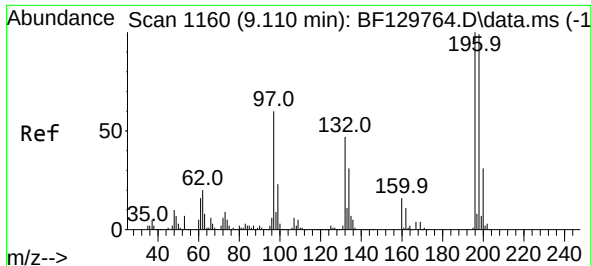
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#42
2,4,6-Tribromophenol
Concen: 117.381 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

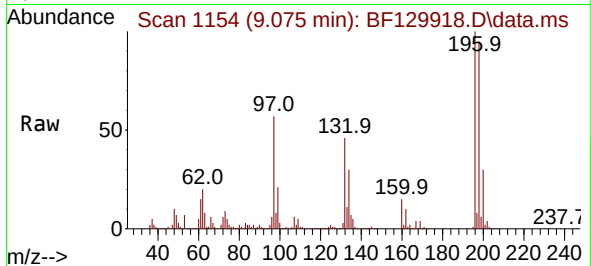
Tgt Ion:330 Resp: 353557
Ion Ratio Lower Upper
330 100
332 101.9 82.6 124.0
141 34.7 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 49.842 ng
RT: 9.075 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

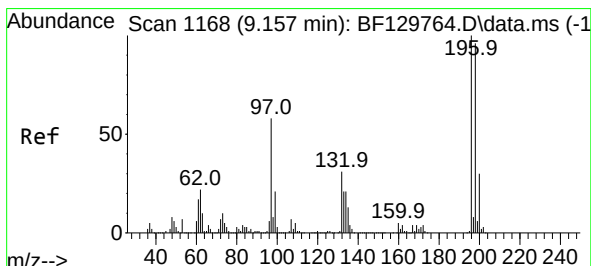
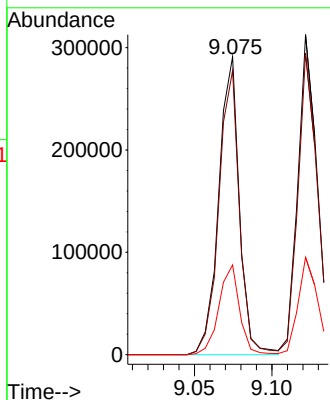
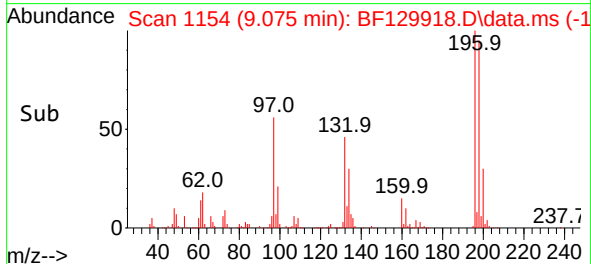
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:196 Resp: 270300
Ion Ratio Lower Upper
196 100
198 95.4 79.0 118.4
200 30.2 25.1 37.7

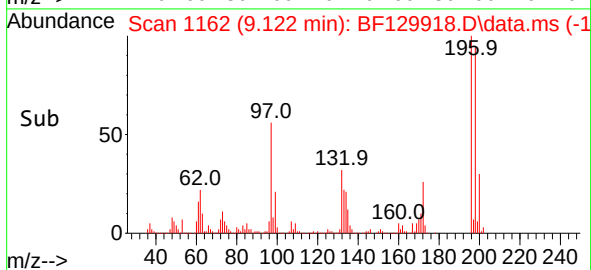
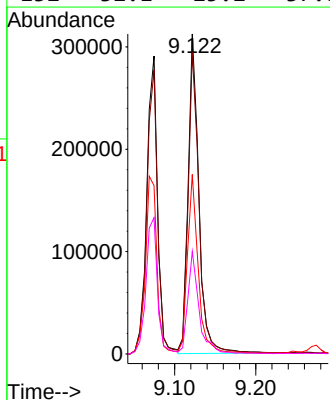
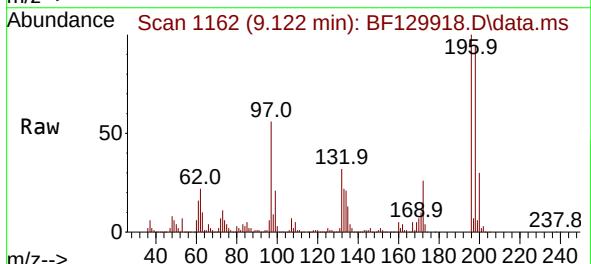
Manual Integrations
APPROVED

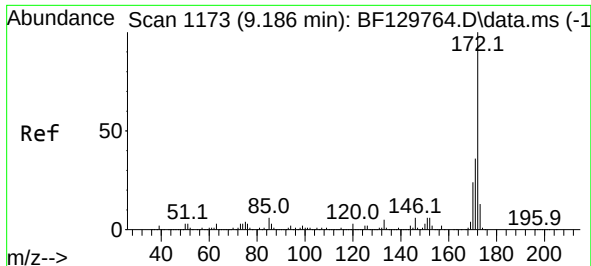
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#44
2,4,5-Trichlorophenol
Concen: 49.376 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:196 Resp: 288093
Ion Ratio Lower Upper
196 100
198 94.2 76.4 114.6
97 56.1 46.5 69.7
132 32.1 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 72.558 ng

RT: 9.145 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

Tgt Ion:172 Resp: 1433709

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

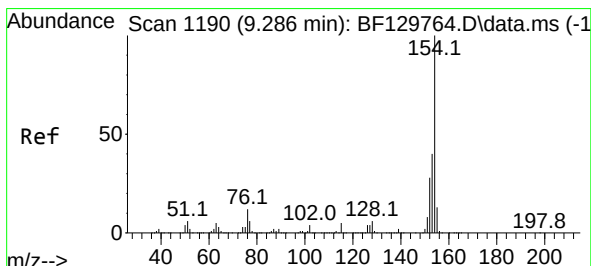
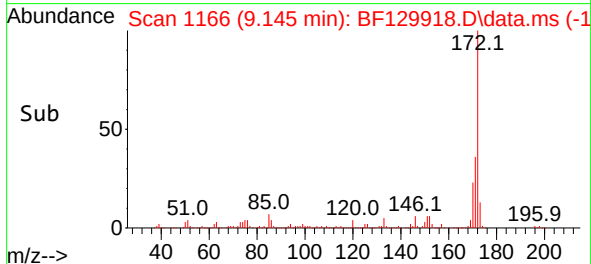
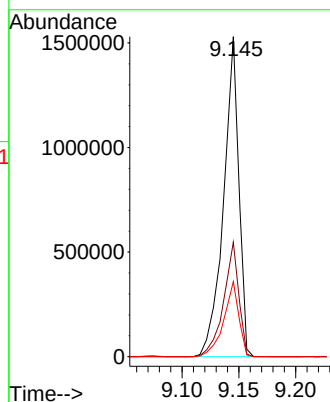
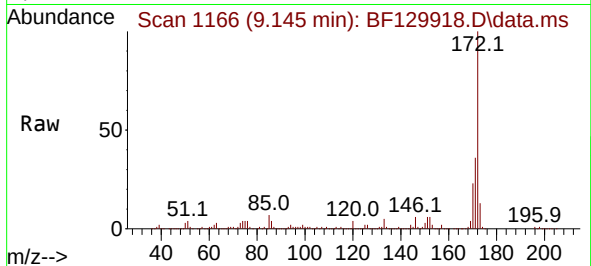
170 23.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#46

1,1'-Biphenyl

Concen: 50.977 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

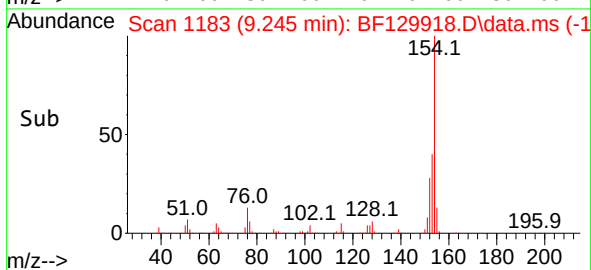
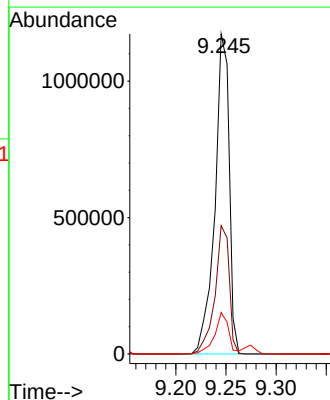
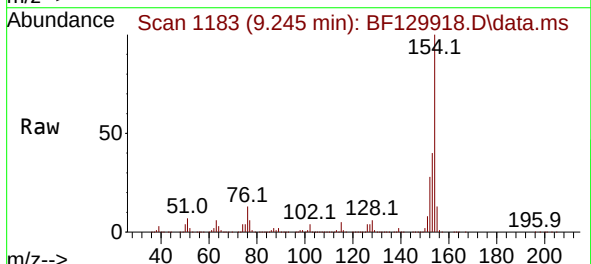
Tgt Ion:154 Resp: 1162240

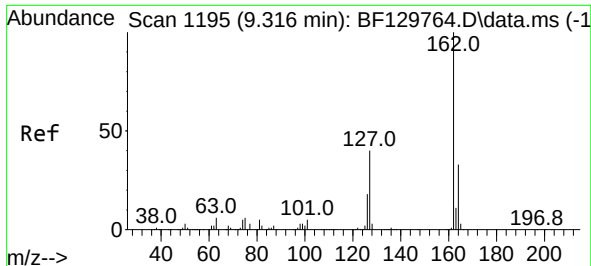
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 12.9 0.0 32.1





#47

2-Chloronaphthalene

Concen: 49.181 ng

RT: 9.275 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

Tgt Ion:162 Resp: 88718

Ion Ratio Lower Upper

162 100

127 43.4 33.1 49.7

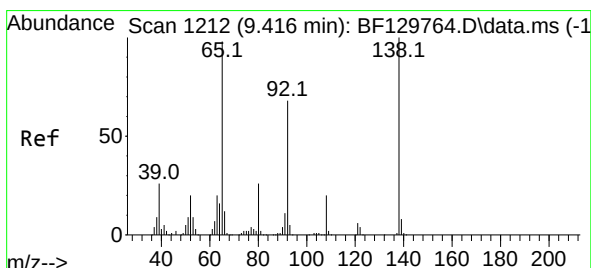
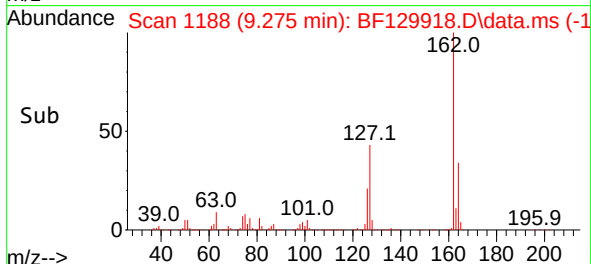
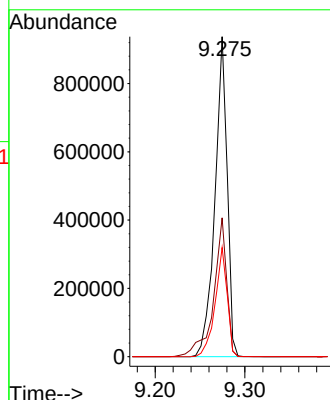
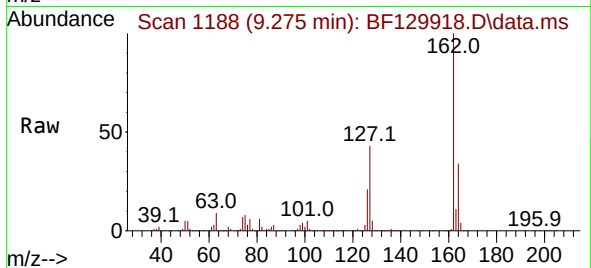
164 34.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#48

2-Nitroaniline

Concen: 50.473 ng

RT: 9.386 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

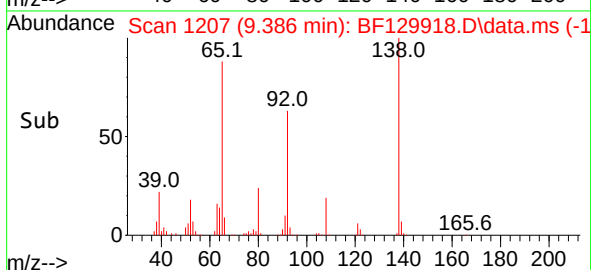
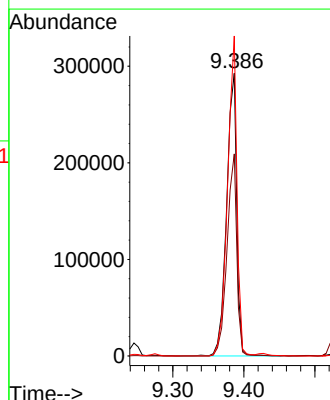
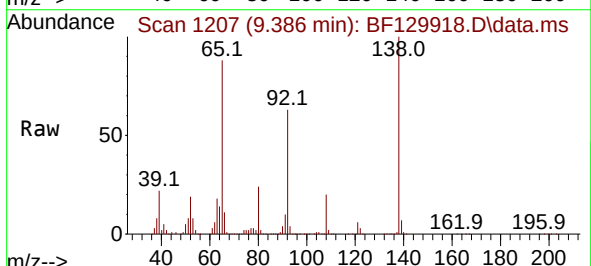
Tgt Ion: 65 Resp: 287737

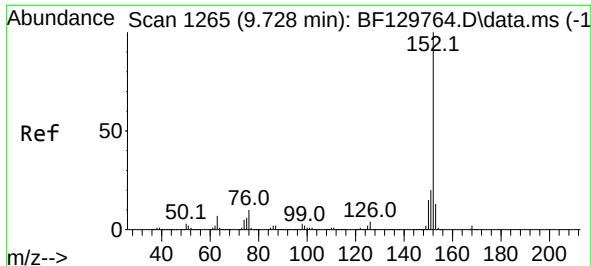
Ion Ratio Lower Upper

65 100

92 71.5 55.0 82.4

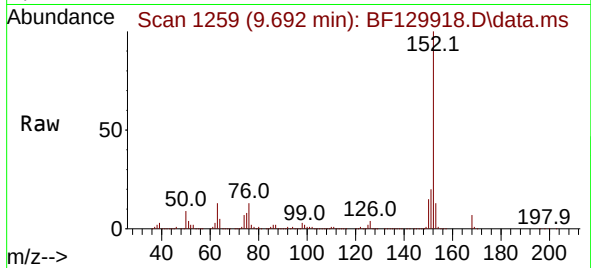
138 113.2 81.3 121.9





#49
Acenaphthylene
Concen: 48.308 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

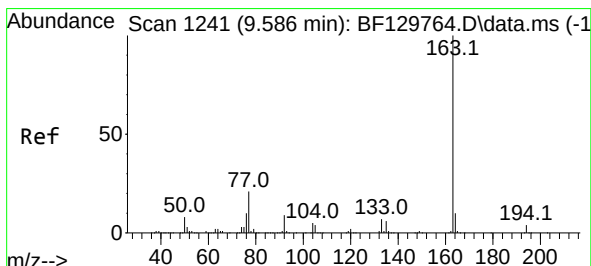
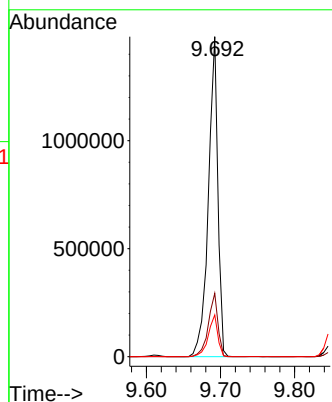
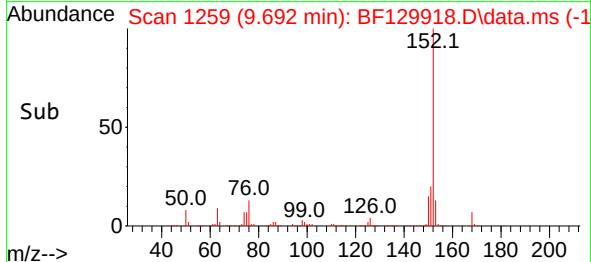
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



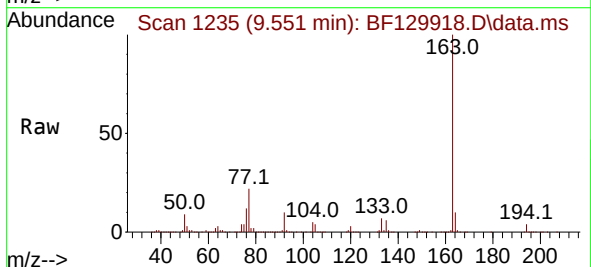
Tgt Ion:152 Resp: 132146
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.6 16.0

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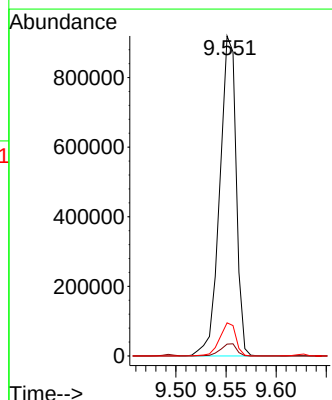
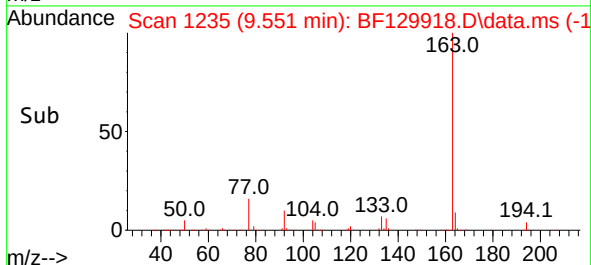
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

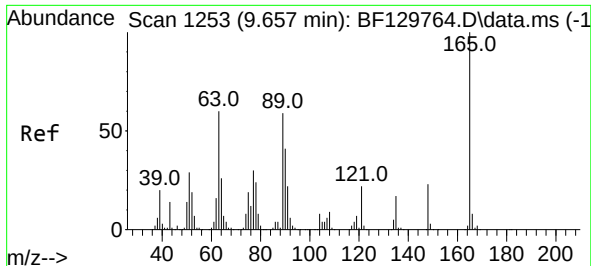


#50
Dimethylphthalate
Concen: 48.549 ng
RT: 9.551 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



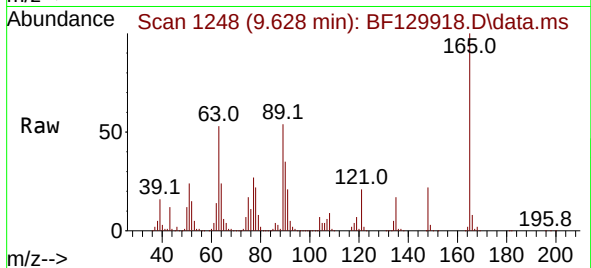
Tgt Ion:163 Resp: 1044470
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.077 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

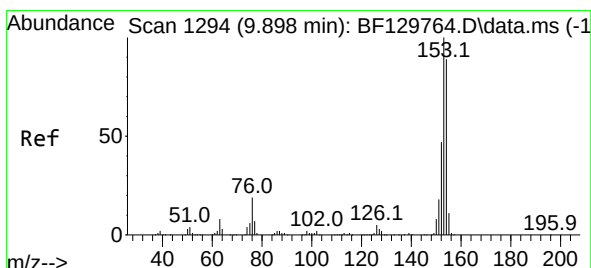
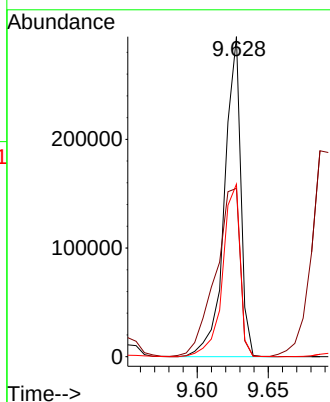
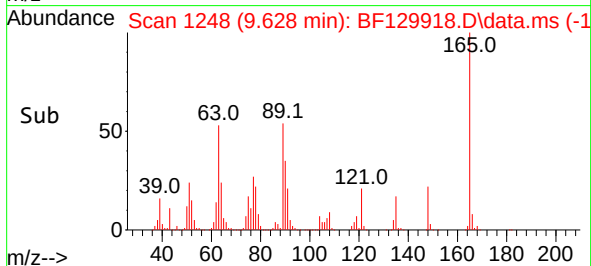
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



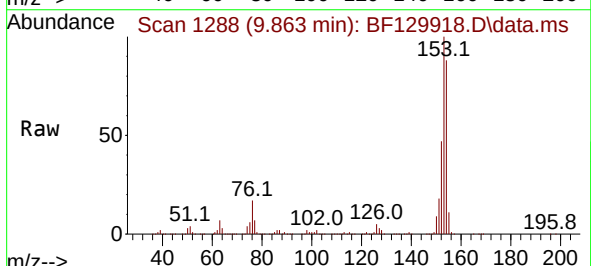
Tgt Ion:165 Resp: 233702
Ion Ratio Lower Upper
165 100
63 52.6 47.8 71.8
89 53.9 47.2 70.8

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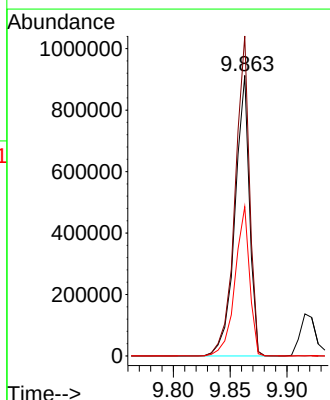
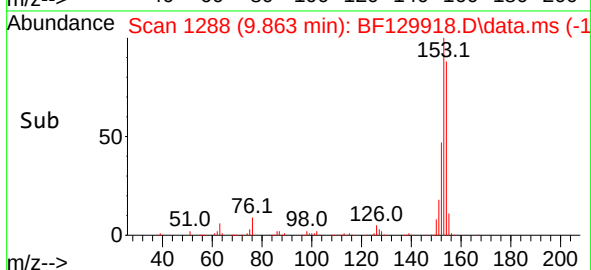
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

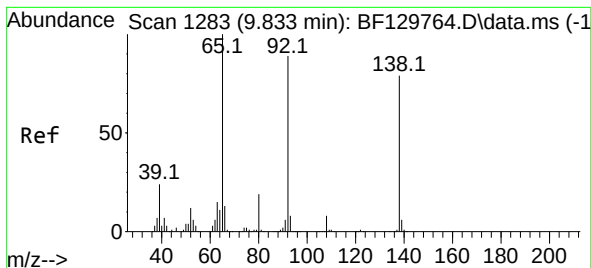


#52
Acenaphthene
Concen: 48.888 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



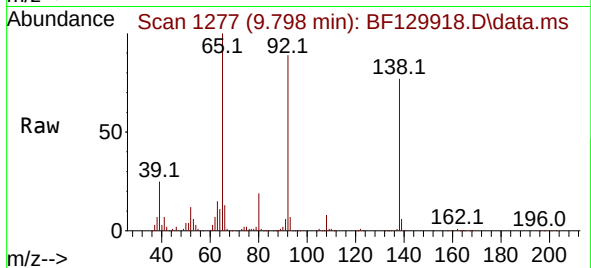
Tgt Ion:154 Resp: 811372
Ion Ratio Lower Upper
154 100
153 114.1 89.8 134.6
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 29.533 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

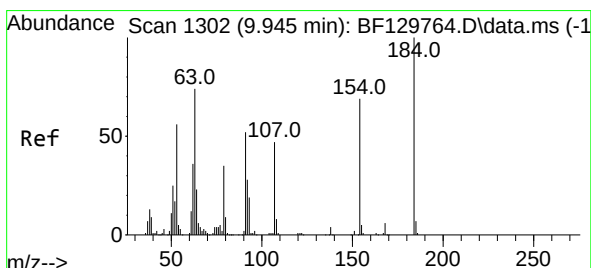
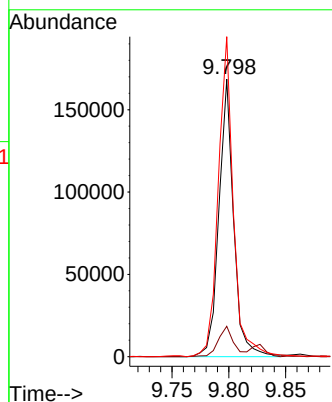
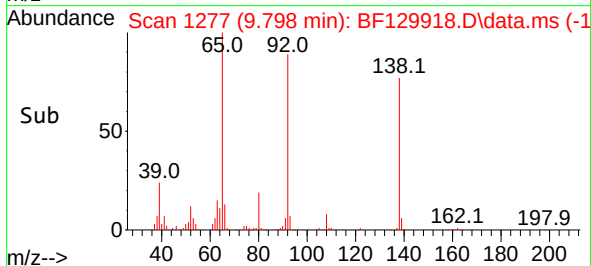
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:138 Resp: 152418
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 115.3 89.8 134.8

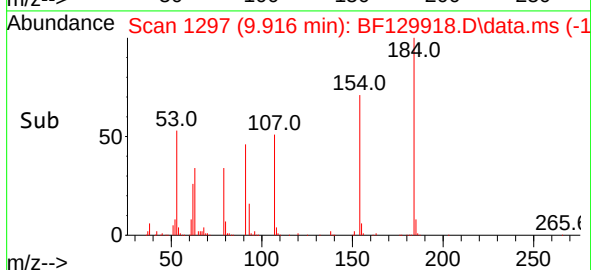
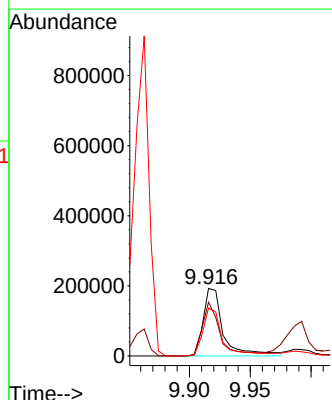
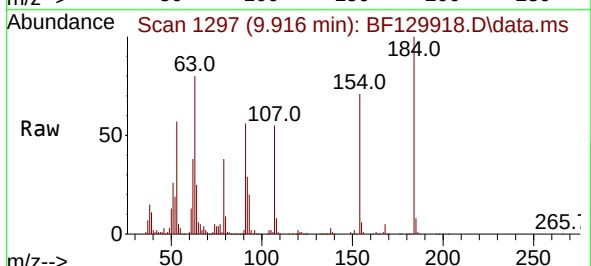
Manual Integrations
APPROVED

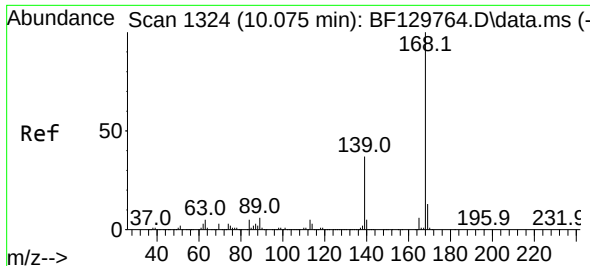
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 103.355 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

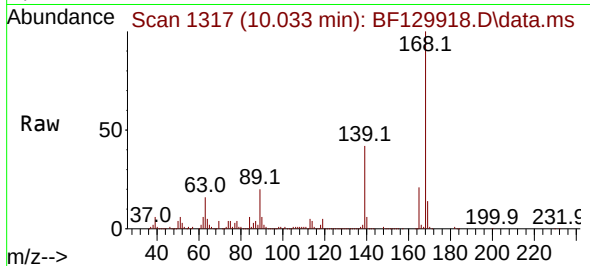
Tgt Ion:184 Resp: 221695
Ion Ratio Lower Upper
184 100
63 79.7 59.6 89.4
154 71.1 55.3 82.9





#55
Dibenzenofuran
Concen: 48.458 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

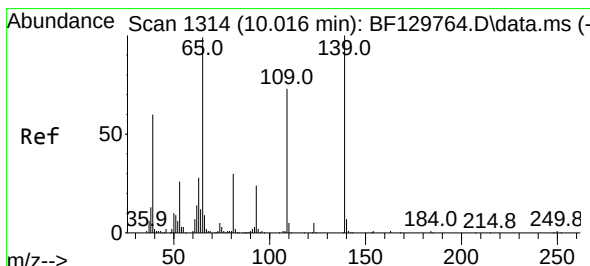
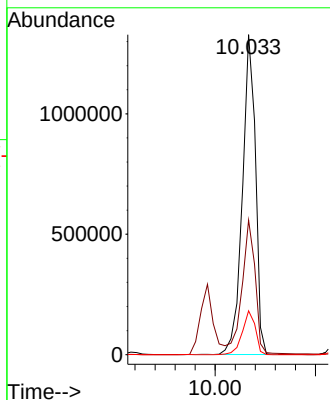
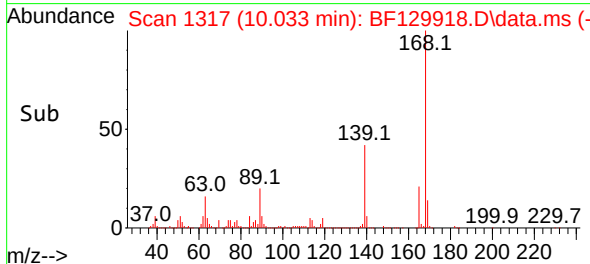
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:168 Resp: 120824
Ion Ratio Lower Upper
168 100
139 42.0 31.3 46.9
169 13.7 10.7 16.1

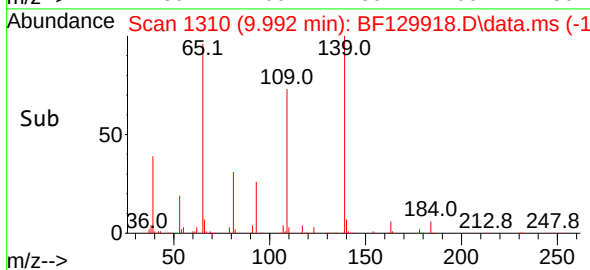
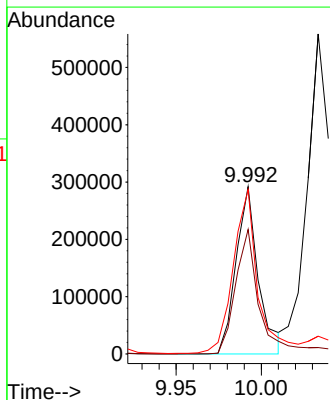
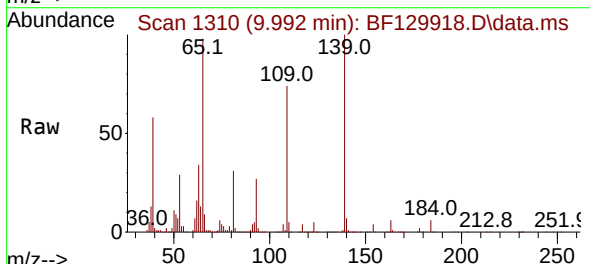
Manual Integrations
APPROVED

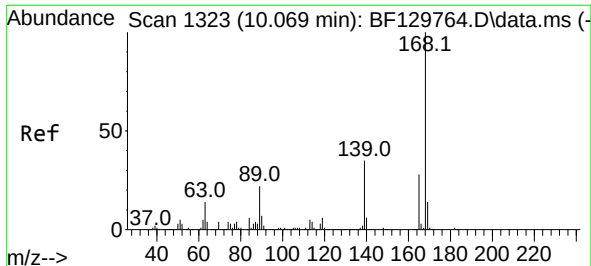
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#56
4-Nitrophenol
Concen: 115.343 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

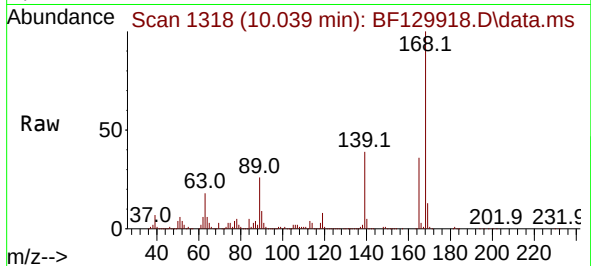
Tgt Ion:139 Resp: 264832
Ion Ratio Lower Upper
139 100
109 74.4 52.9 92.9
65 98.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 50.034 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

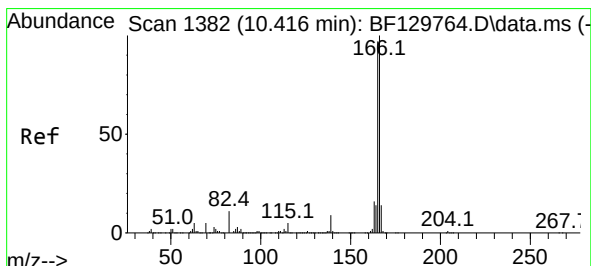
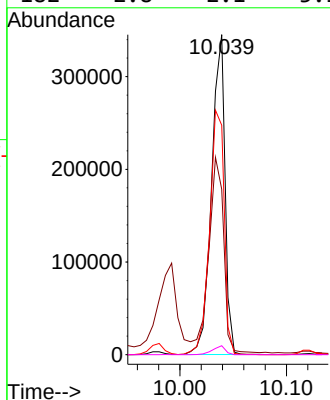
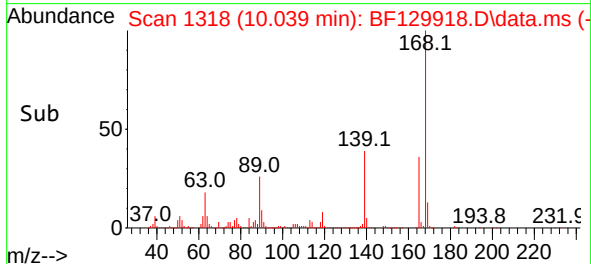
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



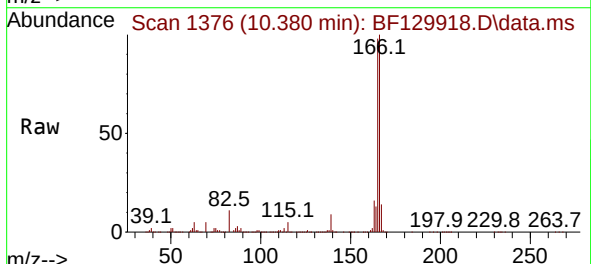
Tgt Ion:165 Resp: 303114
Ion Ratio Lower Upper
165 100
63 51.7 48.4 72.6
89 71.7 62.3 93.5
182 2.8 2.1 3.1

Manual Integrations
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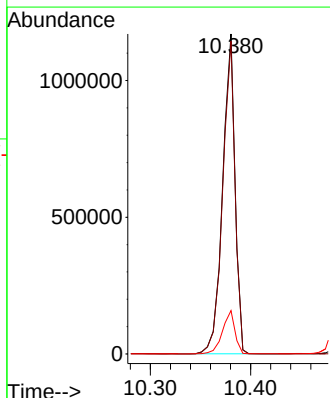
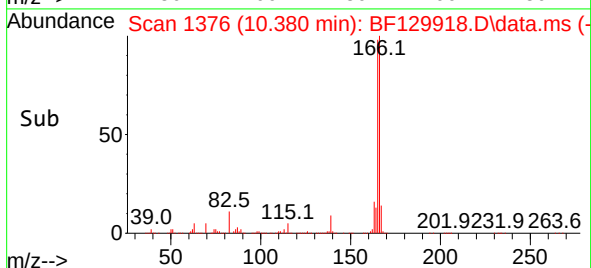
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

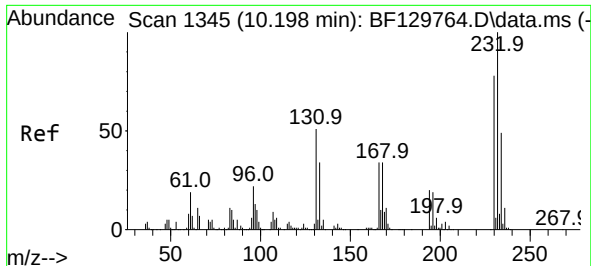


#58
Fluorene
Concen: 48.090 ng
RT: 10.380 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



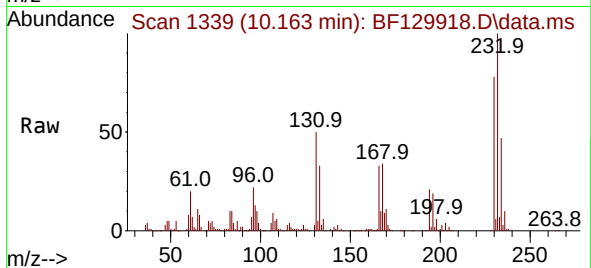
Tgt Ion:166 Resp: 1001165
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.453 ng
RT: 10.163 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

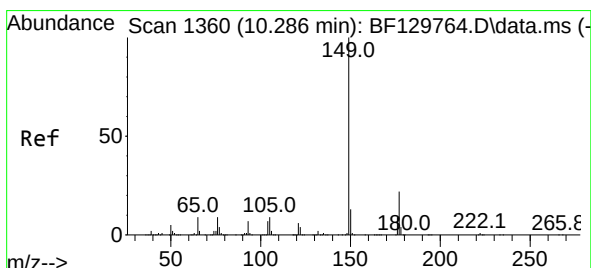
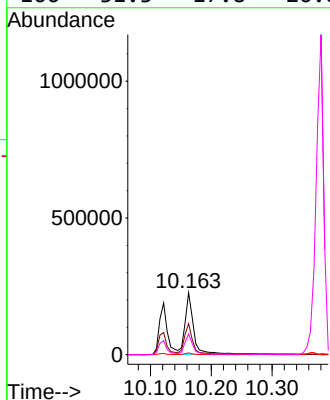
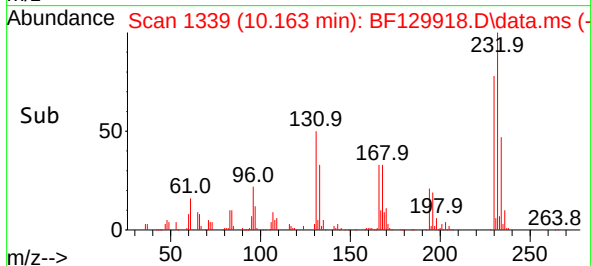
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



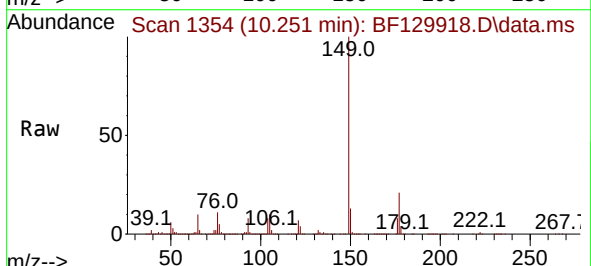
Tgt Ion:232 Resp: 220310
Ion Ratio Lower Upper
232 100
131 46.5 29.9 44.9
130 2.6 1.5 2.3
166 31.3 17.8 26.8

Manual Integrations
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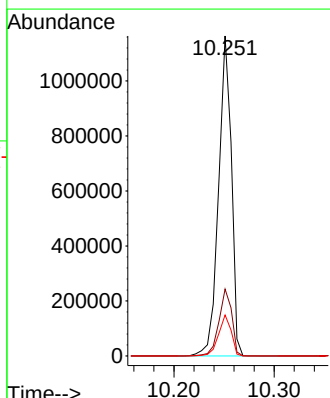
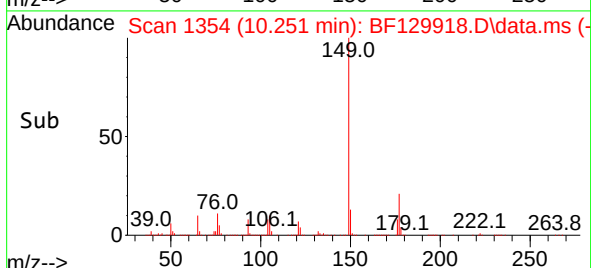
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

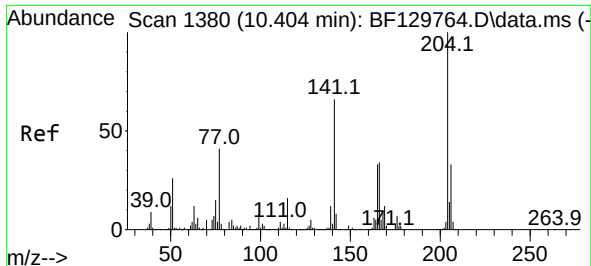


#60
Diethylphthalate
Concen: 48.012 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



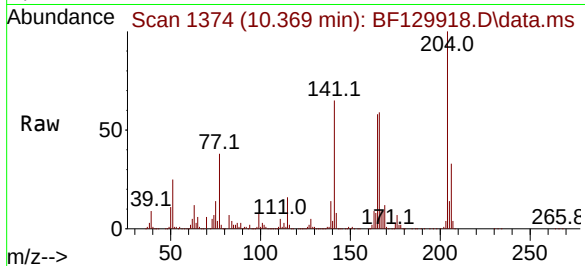
Tgt Ion:149 Resp: 1029926
Ion Ratio Lower Upper
149 100
177 20.9 17.7 26.5
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.117 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

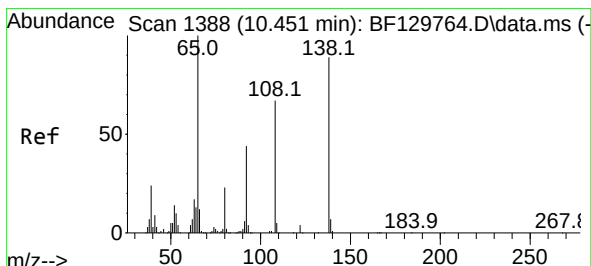
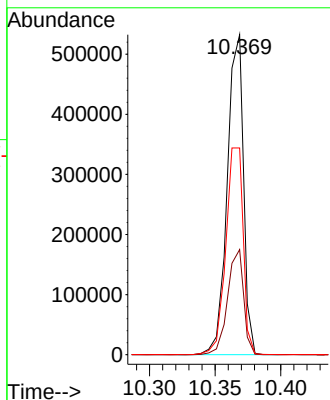
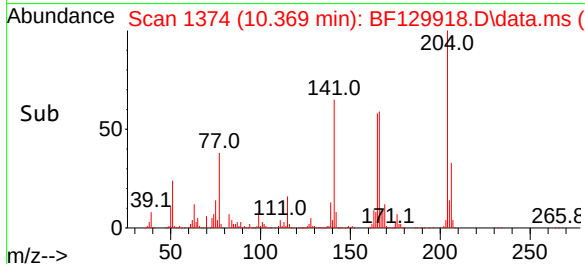
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



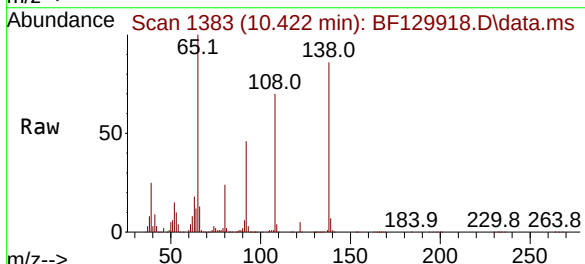
Tgt Ion:204 Resp: 45888
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.6 52.6 79.0

Manual Integrations
APPROVED

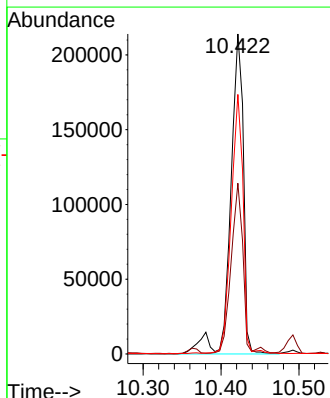
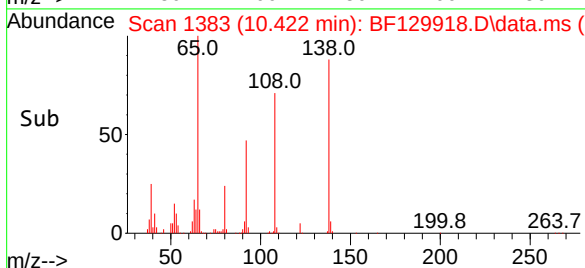
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

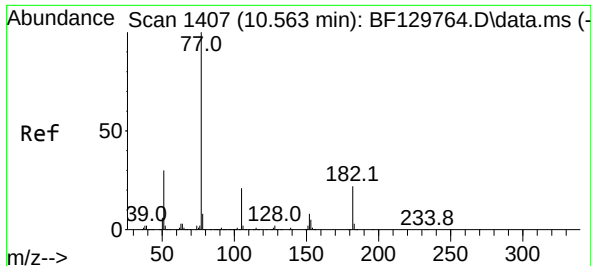


#62
4-Nitroaniline
Concen: 47.078 ng m
RT: 10.422 min Scan# 1383
Delta R.T. 0.012 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



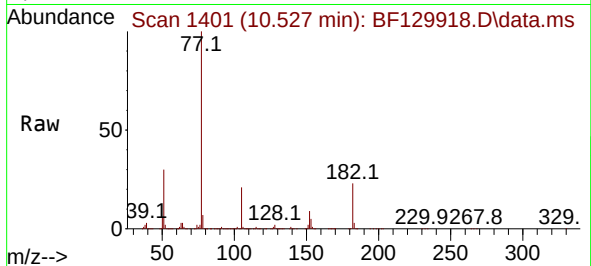
Tgt Ion:138 Resp: 245118
Ion Ratio Lower Upper
138 100
92 53.4 30.3 70.3
108 81.1 55.7 95.7





#63
Azobenzene
Concen: 48.205 ng
RT: 10.527 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

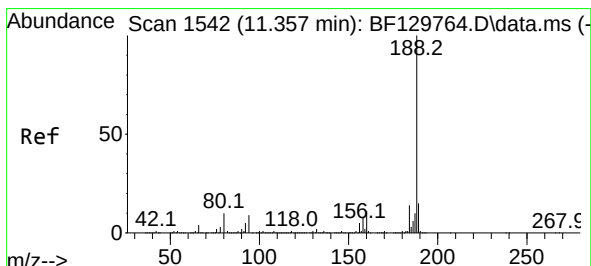
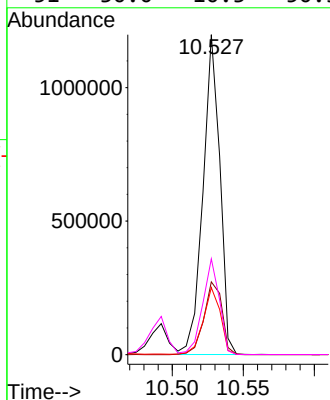
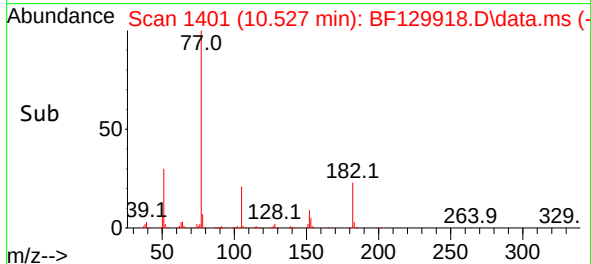
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



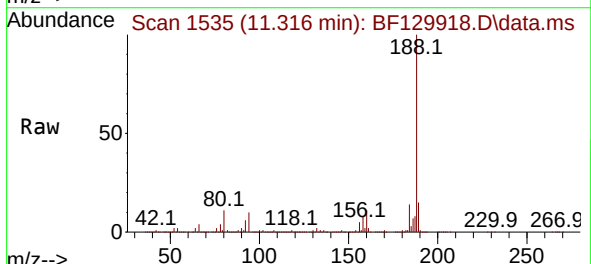
Tgt Ion: 77 Resp: 988424
Ion Ratio Lower Upper
77 100
182 22.8 2.2 42.2
105 21.0 0.8 40.8
51 30.0 10.3 50.3

Manual Integrations
APPROVED

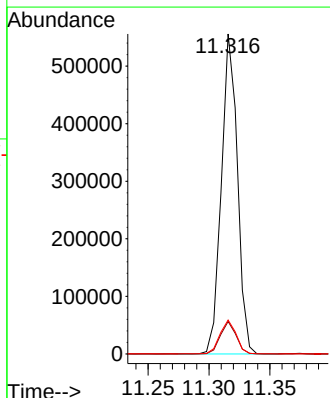
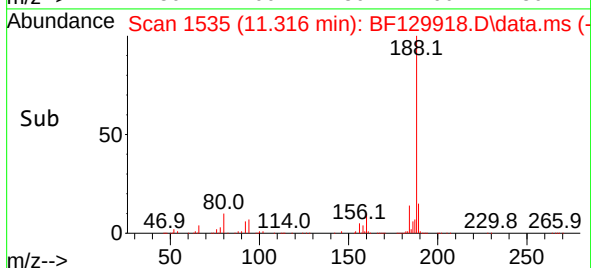
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

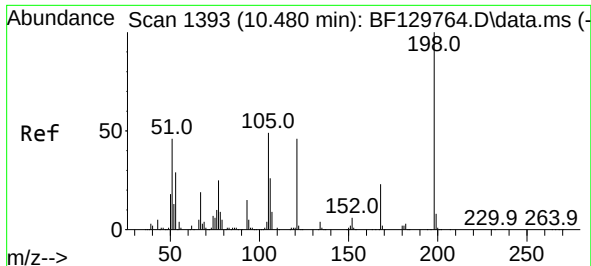


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



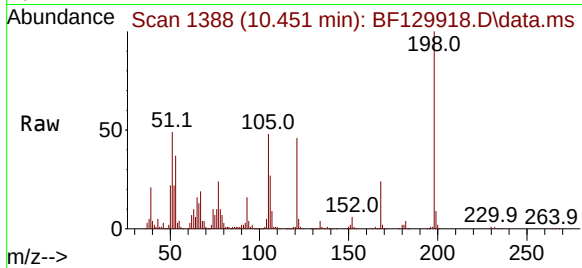
Tgt Ion:188 Resp: 510648
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 50.771 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

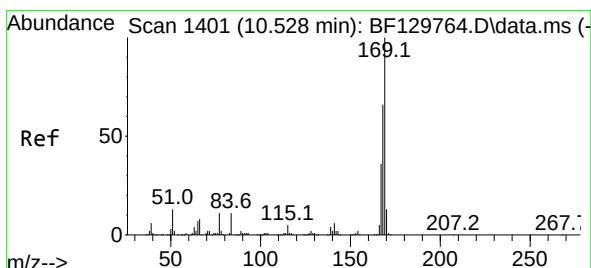
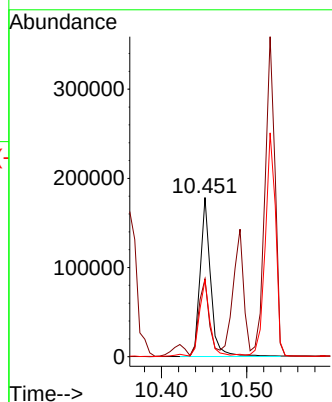
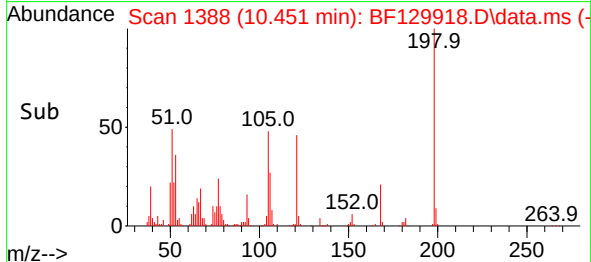
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



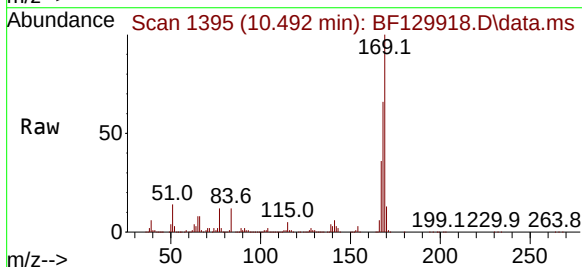
Tgt Ion:198 Resp: 152200
Ion Ratio Lower Upper
198 100
51 48.8 29.4 69.4
105 48.2 29.2 69.2

Manual Integrations
APPROVED

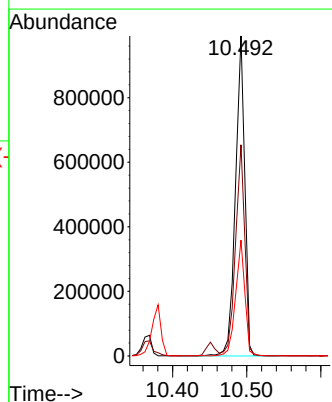
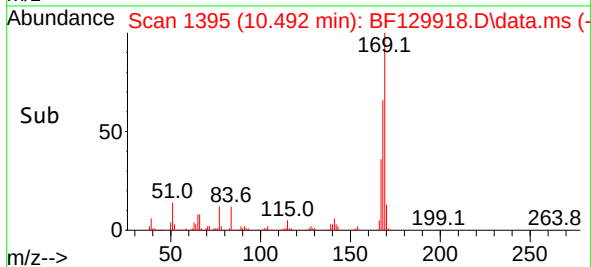
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

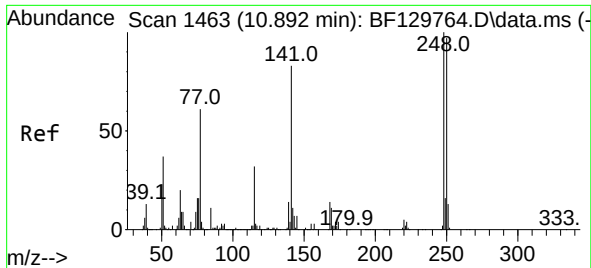


#66
n-Nitrosodiphenylamine
Concen: 50.174 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



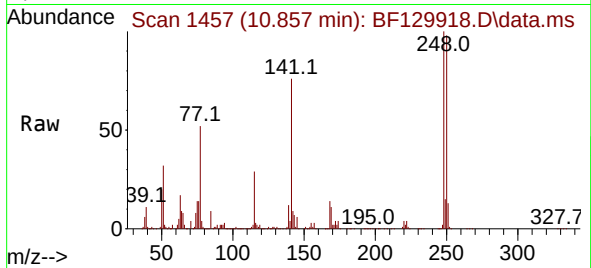
Tgt Ion:169 Resp: 864771
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.2 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 49.166 ng
RT: 10.857 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

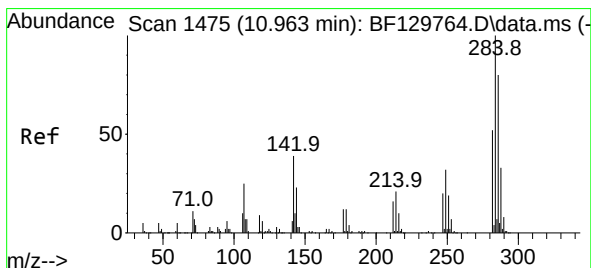
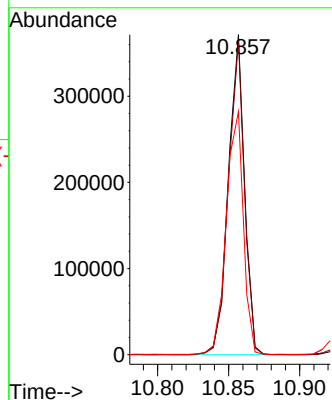
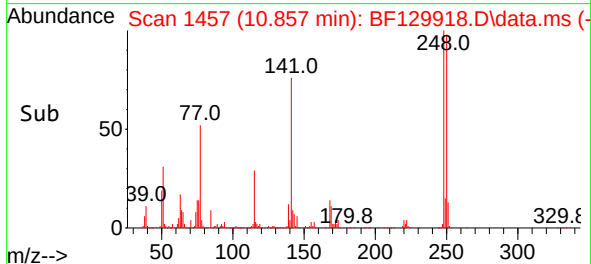
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:248 Resp: 294060
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 75.9 66.2 99.2

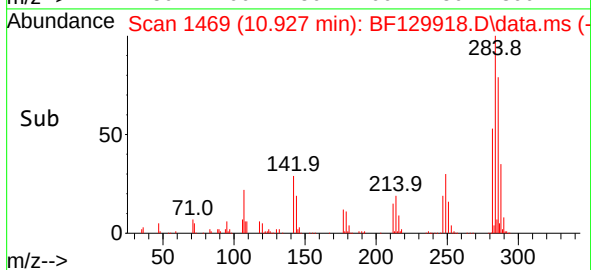
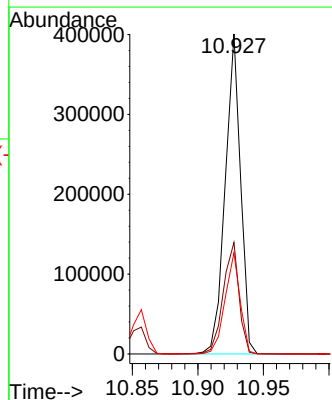
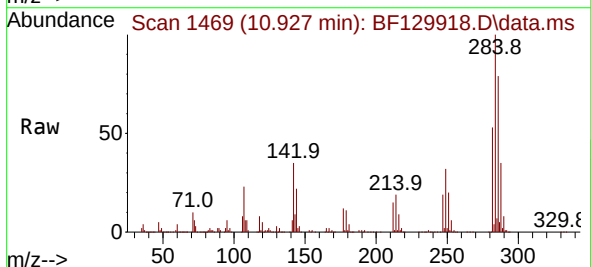
Manual Integrations
APPROVED

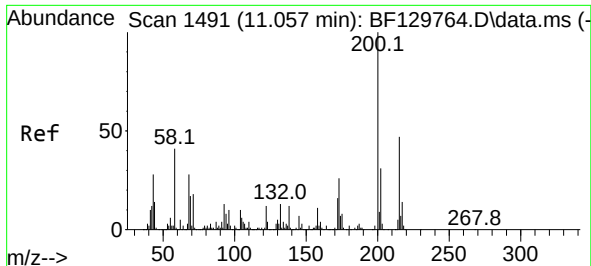
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#68
Hexachlorobenzene
Concen: 50.202 ng
RT: 10.927 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

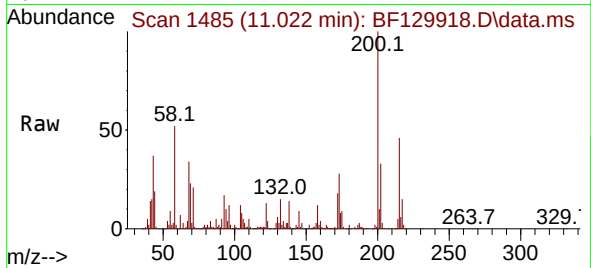
Tgt Ion:284 Resp: 325248
Ion Ratio Lower Upper
284 100
142 34.8 31.4 47.0
249 31.6 25.7 38.5





#69
Atrazine
Concen: 52.289 ng
RT: 11.022 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

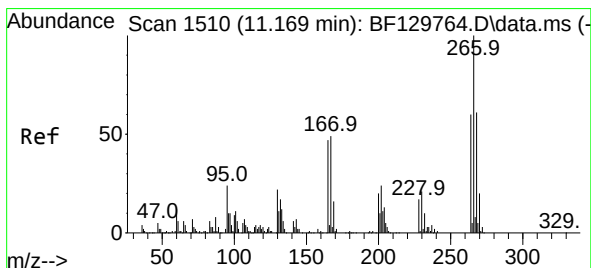
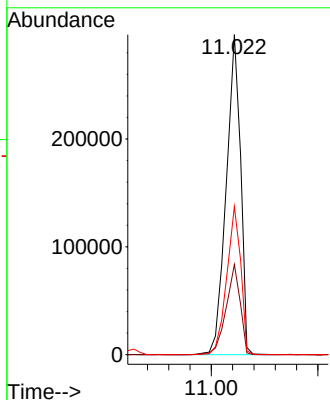
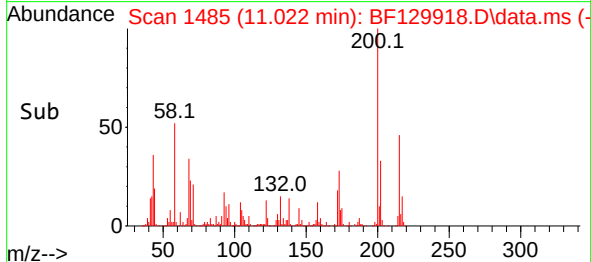
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:200 Resp: 276600
Ion Ratio Lower Upper
200 100
173 28.2 6.4 46.4
215 46.3 27.1 67.1

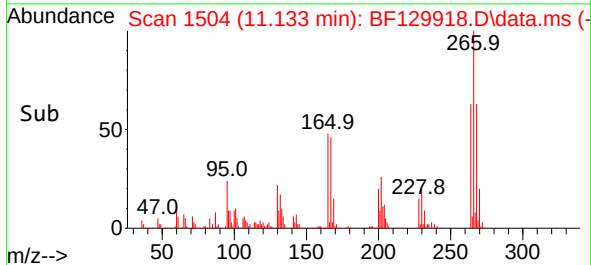
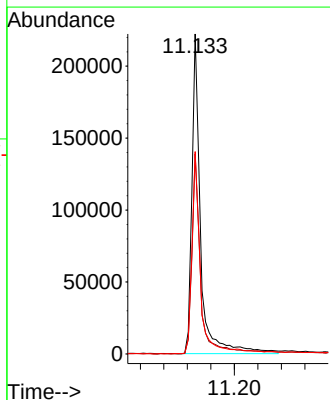
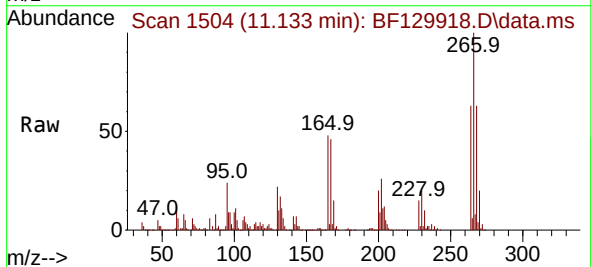
Manual Integrations
APPROVED

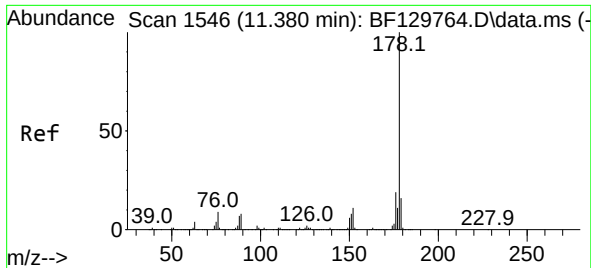
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#70
Pentachlorophenol
Concen: 115.716 ng
RT: 11.133 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:266 Resp: 229530
Ion Ratio Lower Upper
266 100
268 62.5 49.0 73.4
264 63.3 47.9 71.9





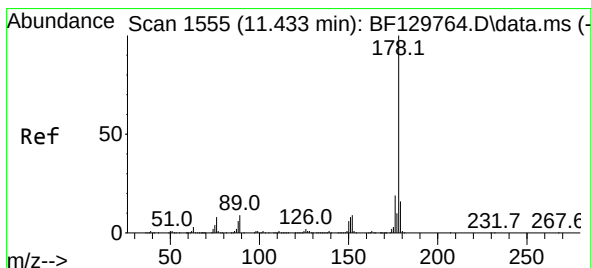
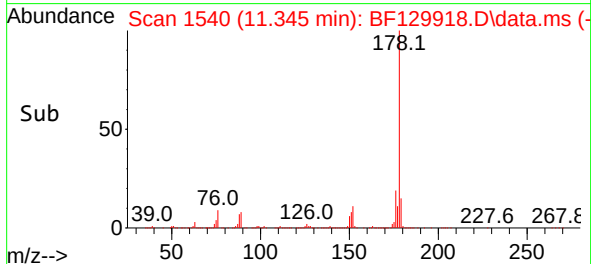
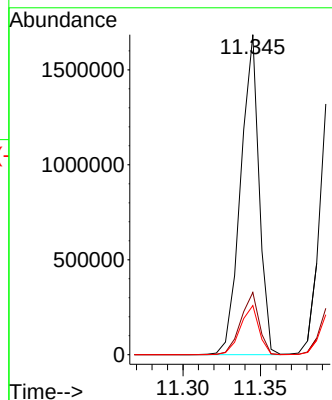
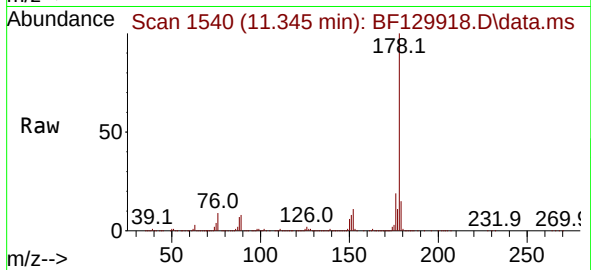
#71
Phenanthrene
Concen: 48.800 ng
RT: 11.345 min Scan# 11345
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

Tgt Ion:178 Resp: 139174
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.5 18.7

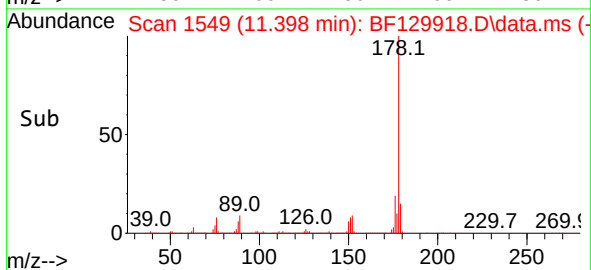
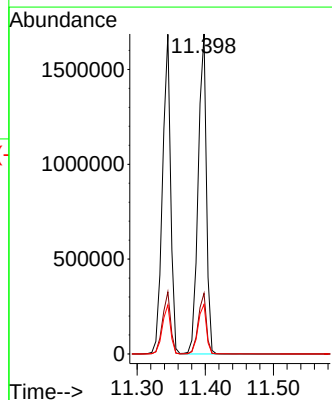
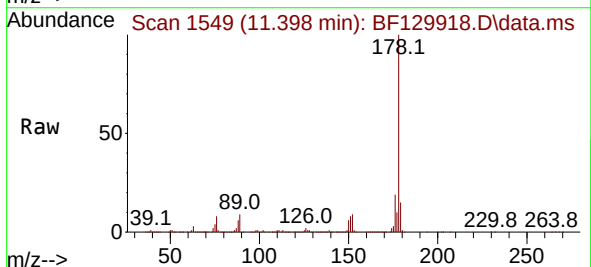
Manual Integrations
APPROVED

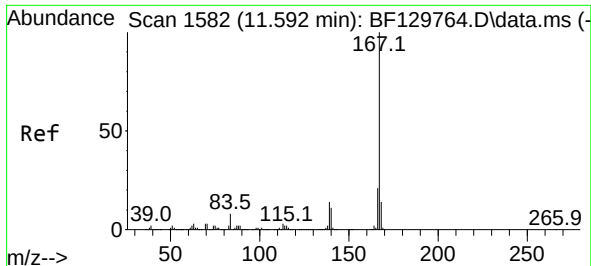
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#72
Anthracene
Concen: 49.829 ng
RT: 11.398 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

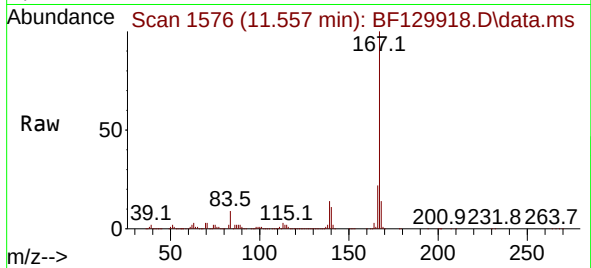
Tgt Ion:178 Resp: 1413212
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 50.336 ng
 RT: 11.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51

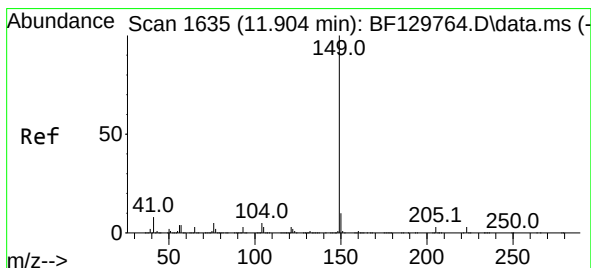
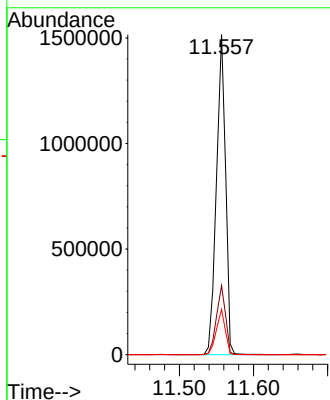
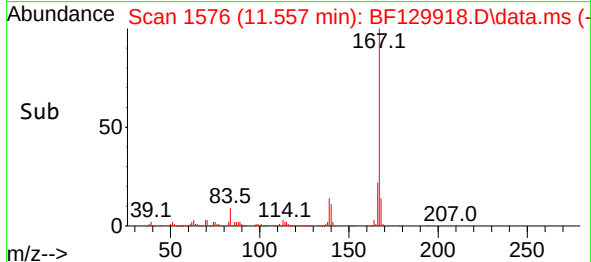
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815MSD



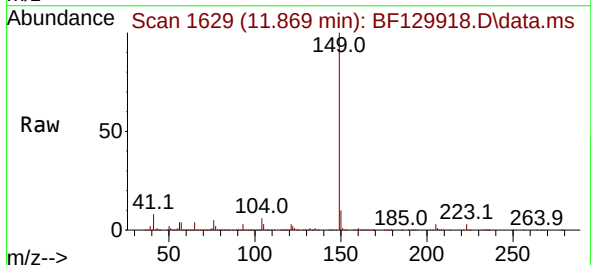
Tgt Ion:167 Resp: 129590
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 14.1 11.0 16.6

Manual Integrations
 APPROVED

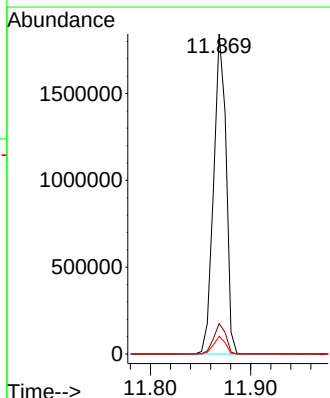
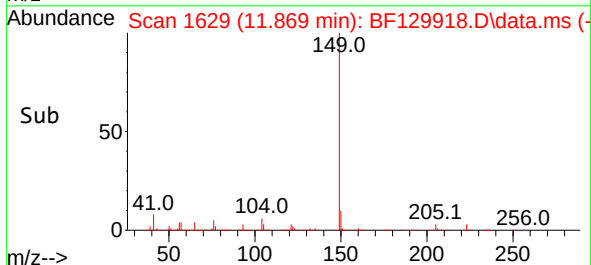
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

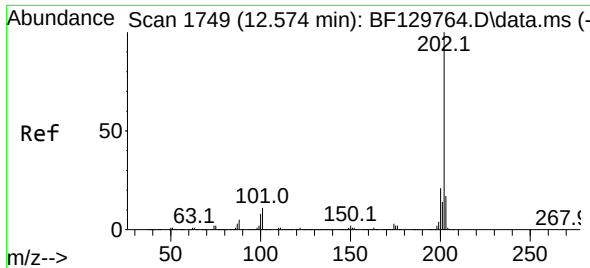


#74
 Di-n-butylphthalate
 Concen: 47.777 ng
 RT: 11.869 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: BF129918.D
 Acq: 19 Aug 2022 19:51



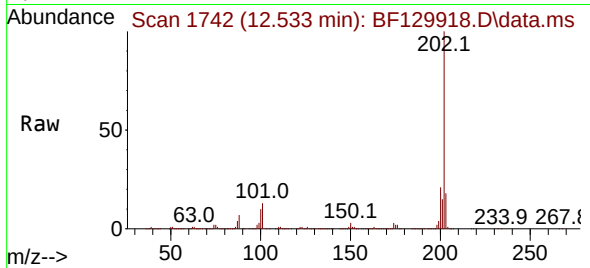
Tgt Ion:149 Resp: 1583070
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 47.498 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

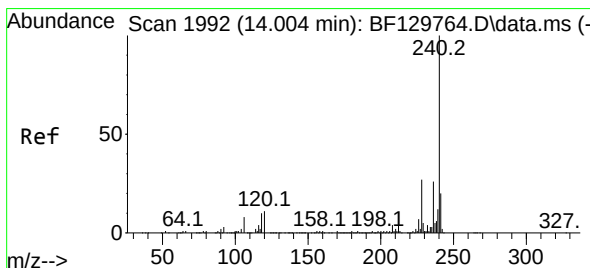
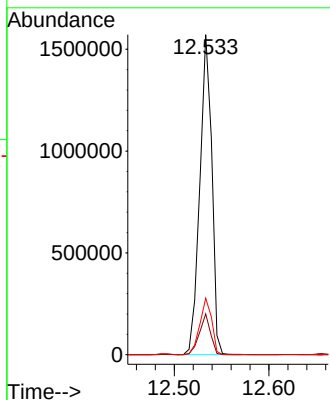
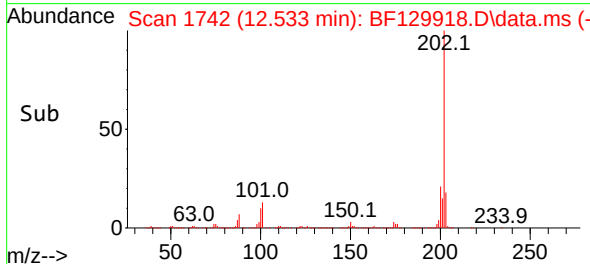
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



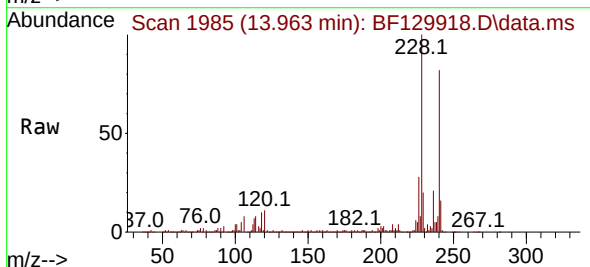
Tgt Ion:202 Resp: 138617
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.7
203 17.7 0.0 37.5

Manual Integrations
APPROVED

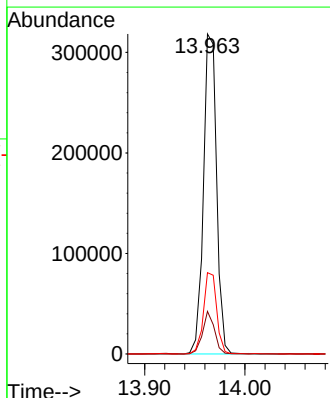
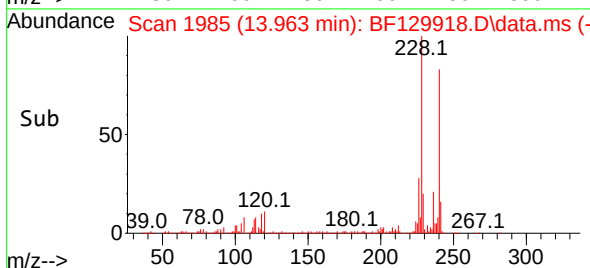
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

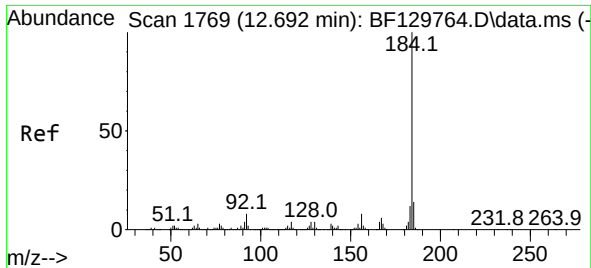


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



Tgt Ion:240 Resp: 292236
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 25.4 20.7 31.1





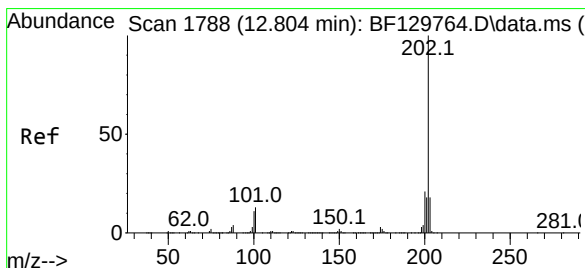
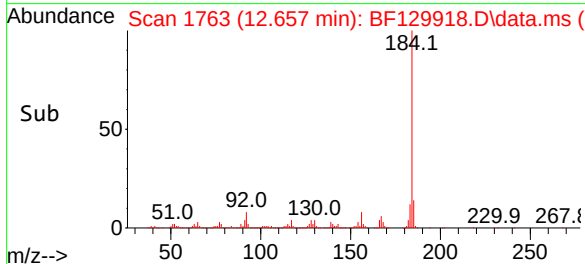
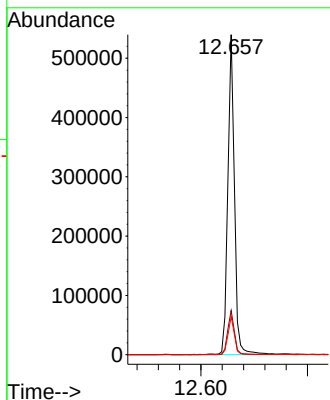
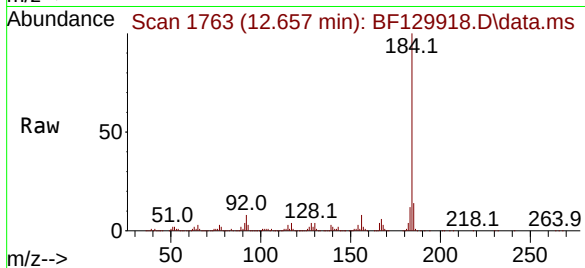
#77
Benzidine
Concen: 69.543 ng
RT: 12.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD

Tgt Ion:184 Resp: 467298
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 12.0 9.4 14.2

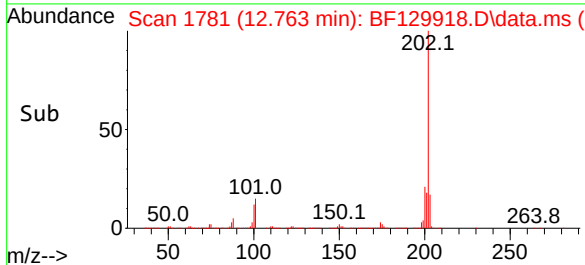
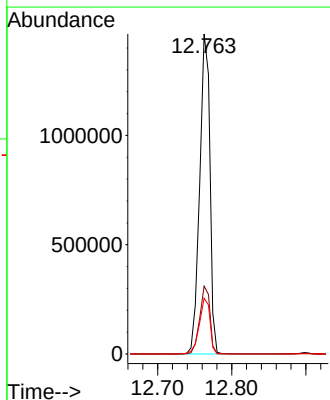
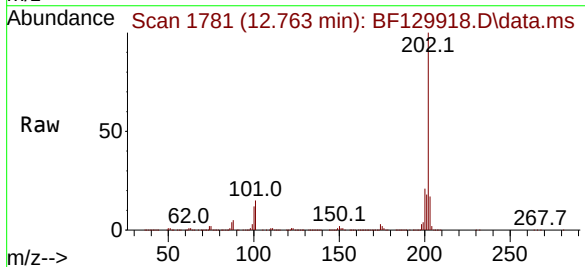
Manual Integrations
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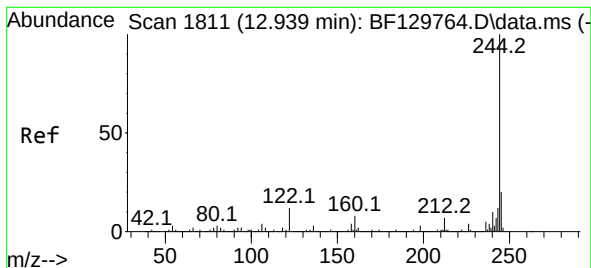
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#78
Pyrene
Concen: 55.184 ng
RT: 12.763 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:202 Resp: 1401406
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 81.972 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

Tgt Ion:244 Resp: 143966

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

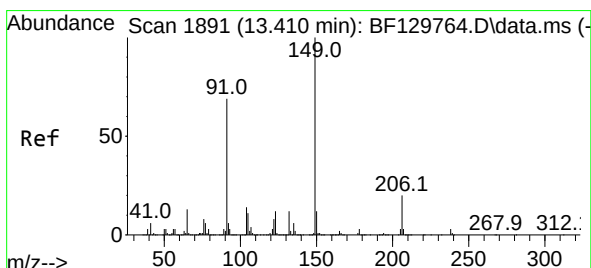
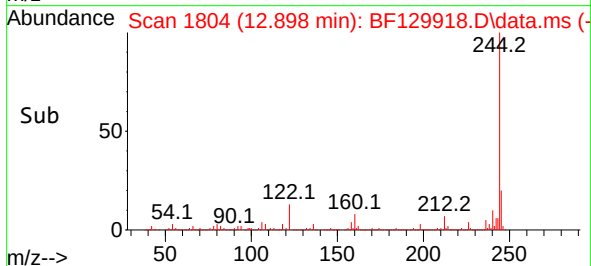
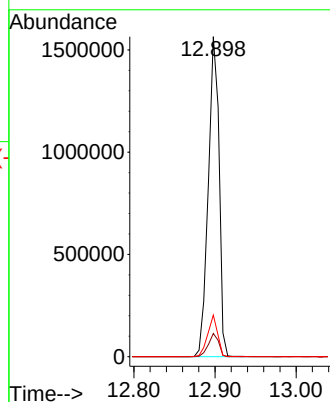
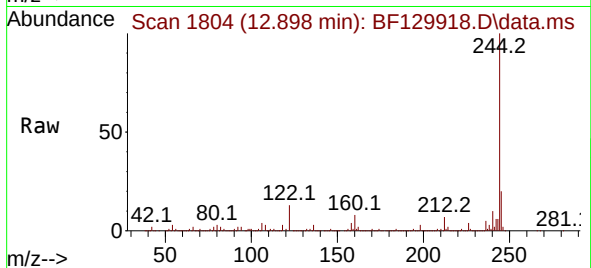
122 13.0 9.9 14.9

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#80

Butylbenzylphthalate

Concen: 53.080 ng

RT: 13.368 min Scan# 1884

Delta R.T. -0.000 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

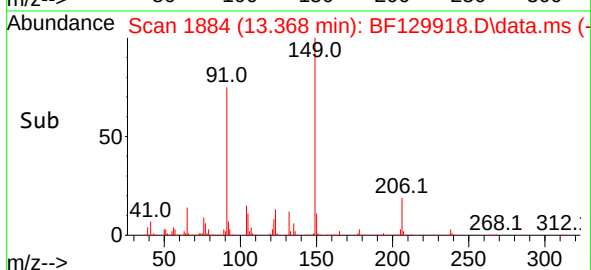
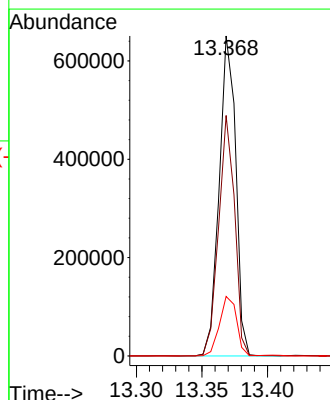
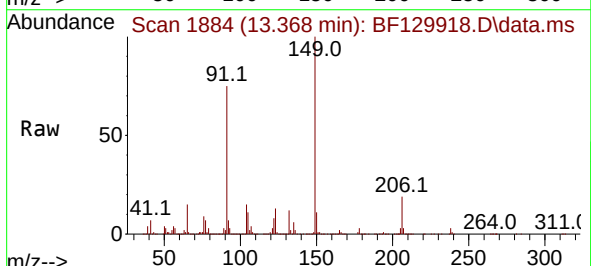
Tgt Ion:149 Resp: 570384

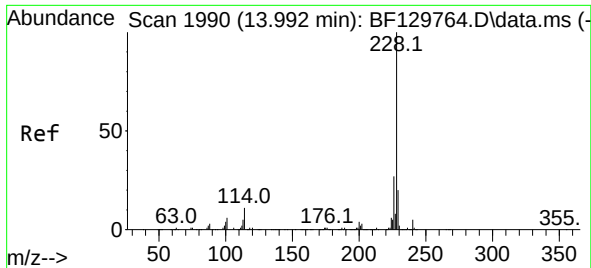
Ion Ratio Lower Upper

149 100

91 75.2 55.4 83.0

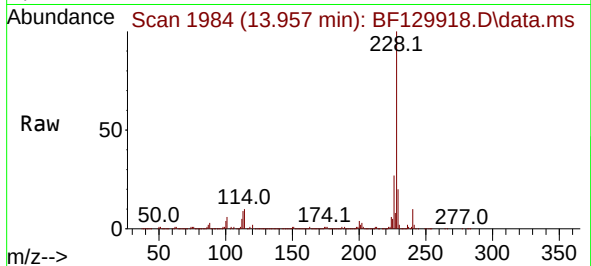
206 18.6 15.8 23.6





#81
Benzo(a)anthracene
Concen: 49.431 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

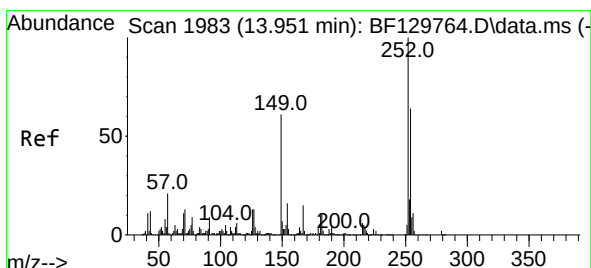
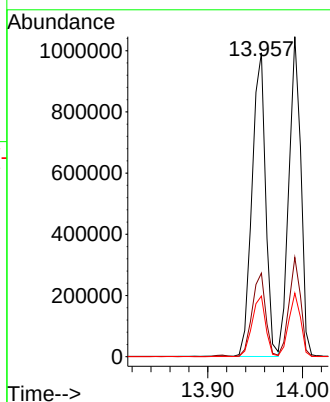
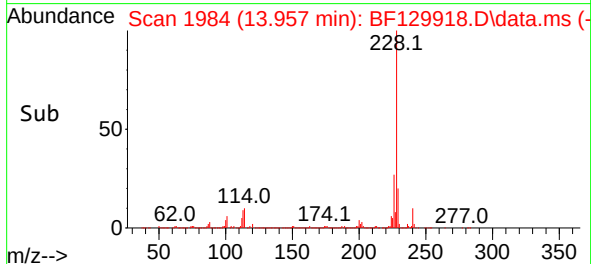
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



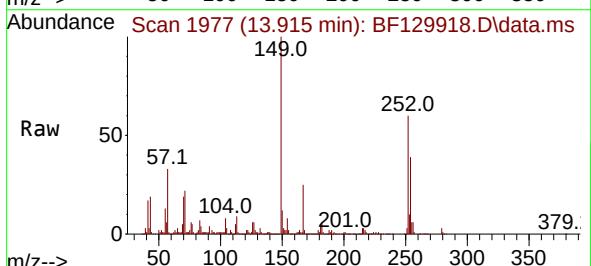
Tgt Ion:228 Resp: 99372
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.0 16.1 24.1

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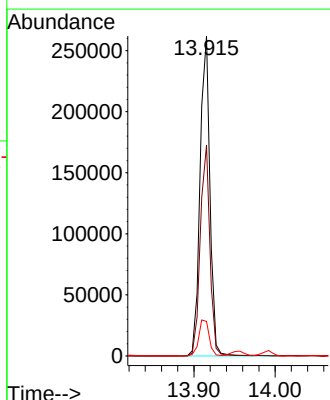
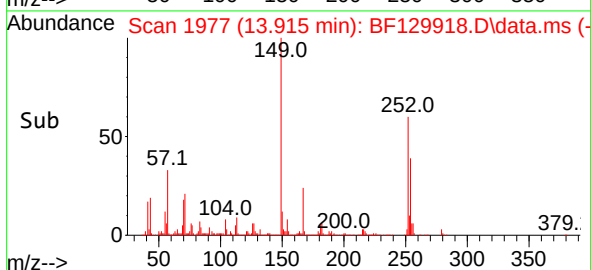
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

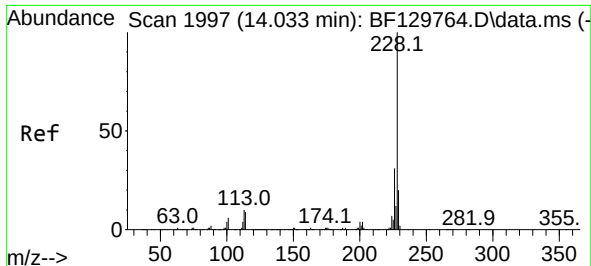


#82
3,3'-Dichlorobenzidine
Concen: 35.554 ng
RT: 13.915 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



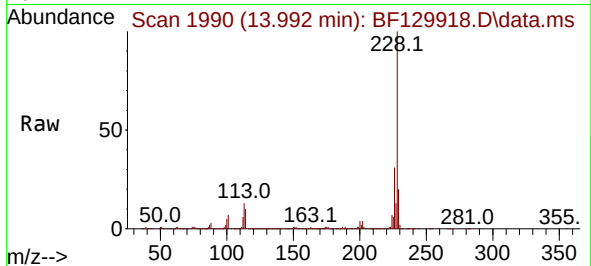
Tgt Ion:252 Resp: 221360
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.2
126 10.8 10.2 15.4





#83
Chrysene
Concen: 48.564 ng
RT: 13.992 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

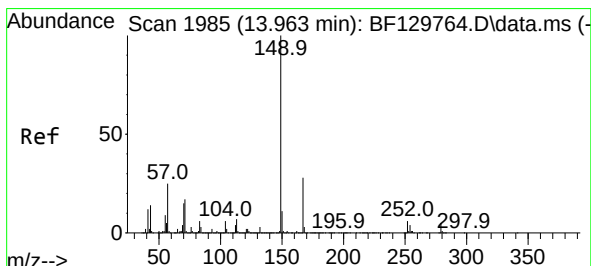
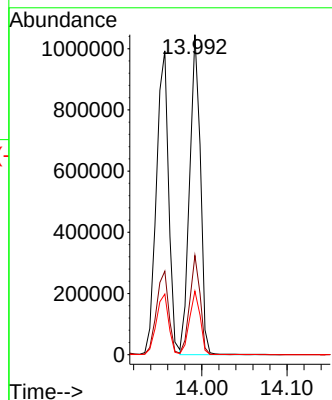
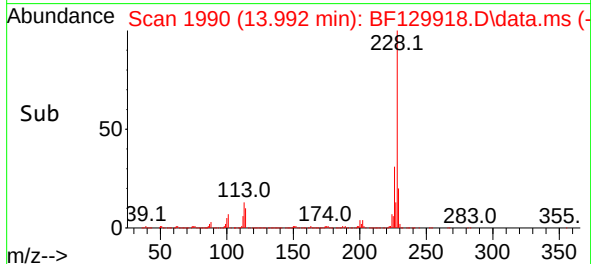
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



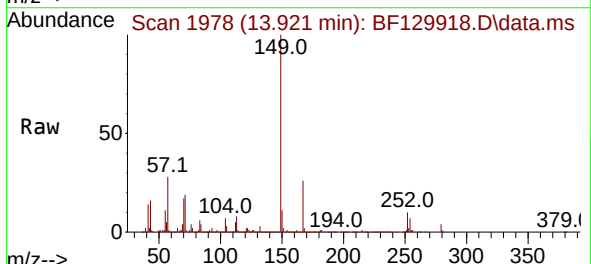
Tgt Ion:228 Resp: 913880
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 19.8 15.9 23.9

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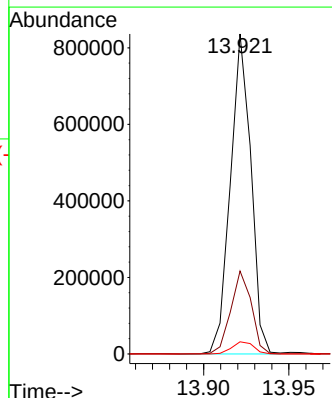
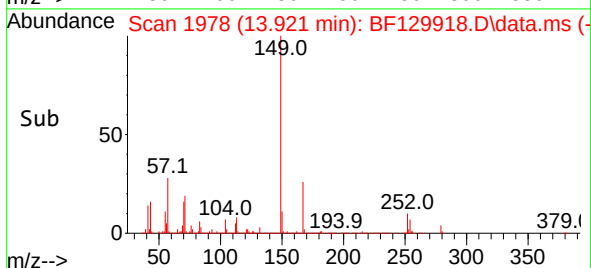
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

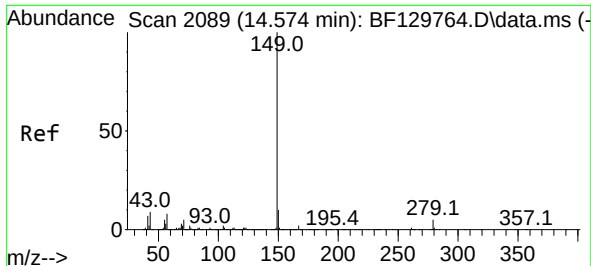


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.060 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



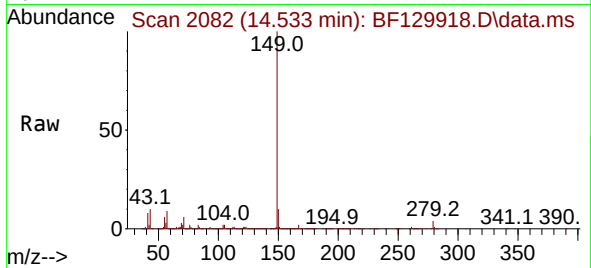
Tgt Ion:149 Resp: 701948
Ion Ratio Lower Upper
149 100
167 25.9 22.0 33.0
279 3.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 52.074 ng
RT: 14.533 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

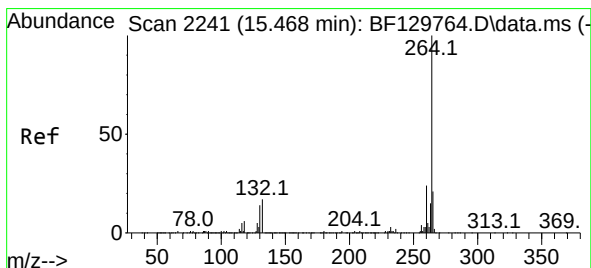
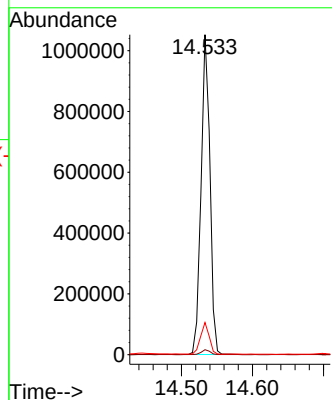
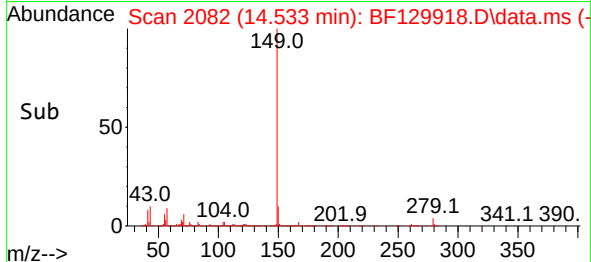
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



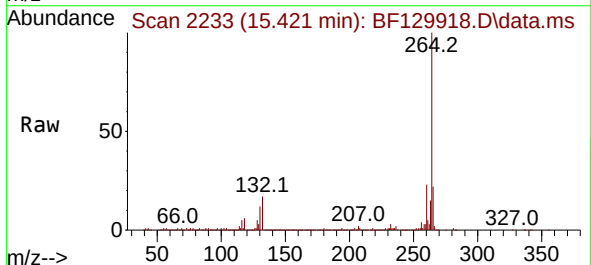
Tgt Ion:149 Resp: 91646
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 7.8 11.6

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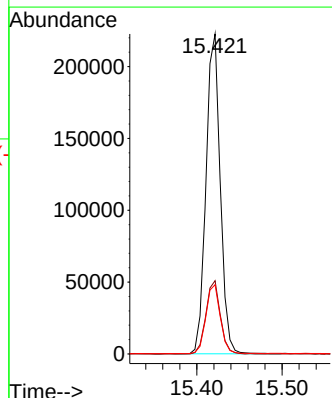
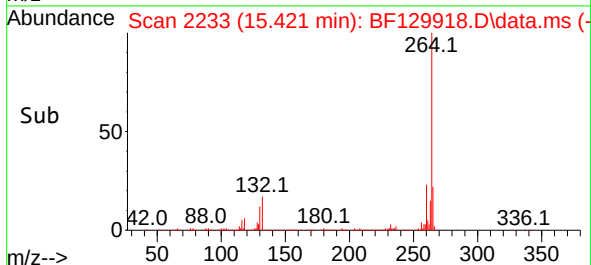
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

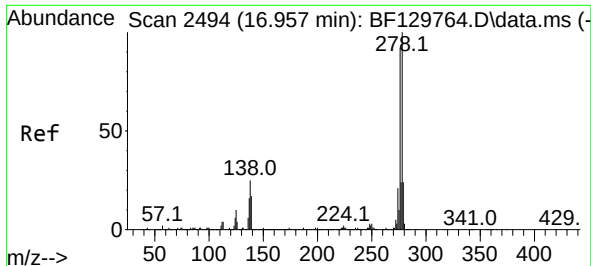


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51



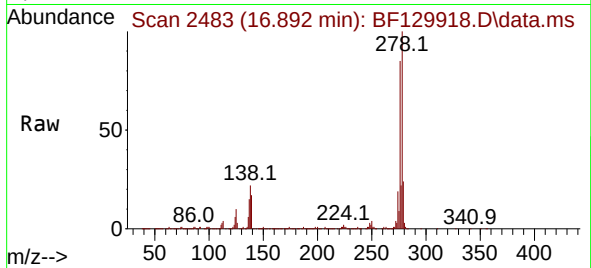
Tgt Ion:264 Resp: 258147
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 21.6 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.754 ng
RT: 16.892 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

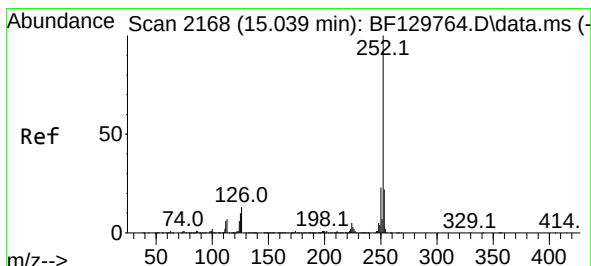
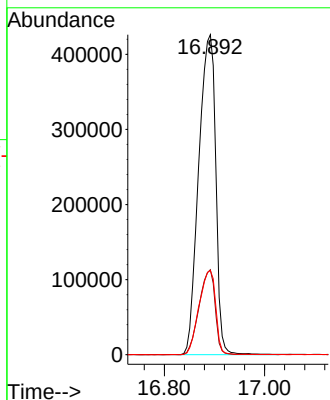
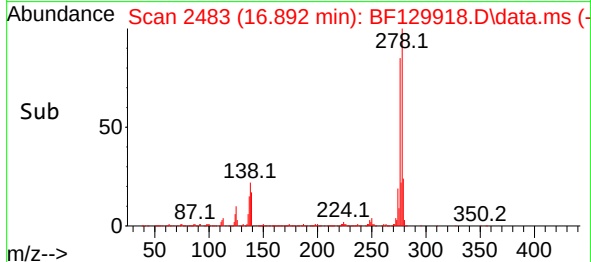
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion: 276 Resp: 100579
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.8
277 25.6 20.4 30.6

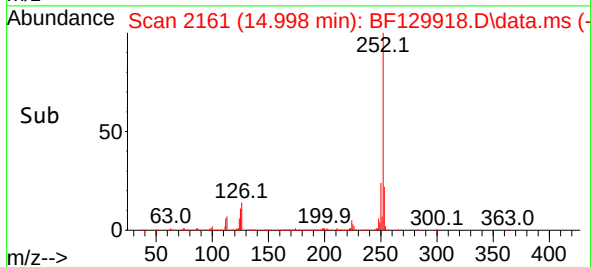
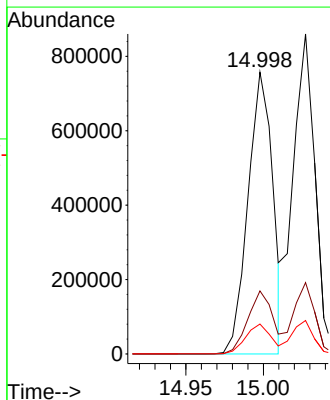
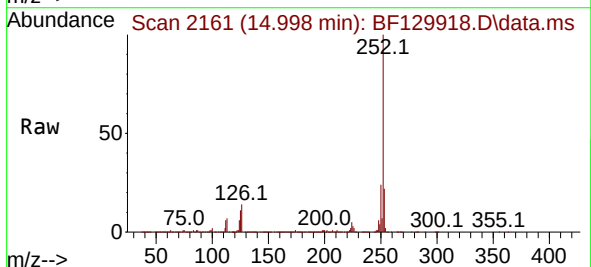
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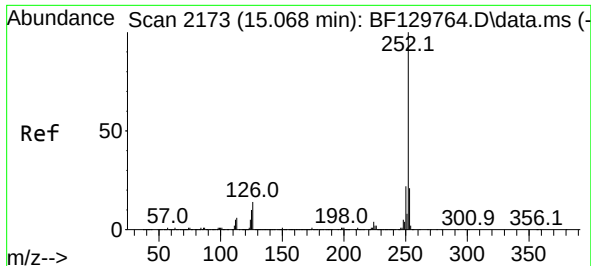
Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022



#88
Benzo(b)fluoranthene
Concen: 47.847 ng
RT: 14.998 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion: 252 Resp: 845782
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.6 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 49.505 ng

RT: 15.027 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP3-0815MSD

Tgt Ion:252 Resp: 839219

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

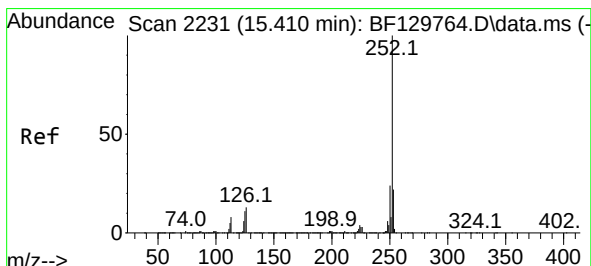
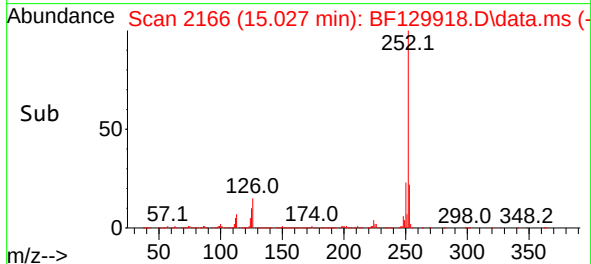
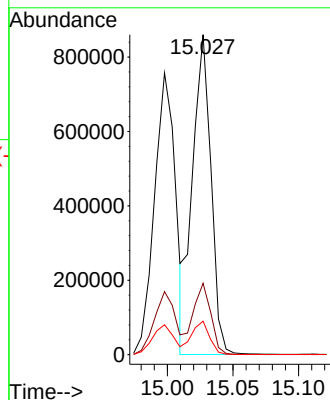
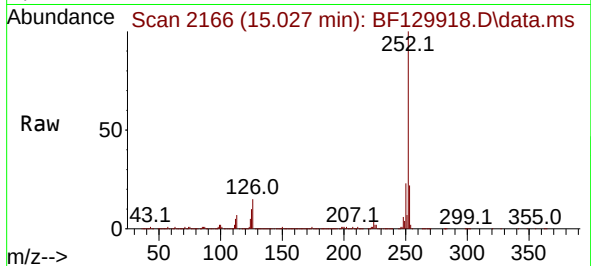
125 10.4 8.3 12.5

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#90

Benzo(a)pyrene

Concen: 54.652 ng

RT: 15.362 min Scan# 2223

Delta R.T. 0.006 min

Lab File: BF129918.D

Acq: 19 Aug 2022 19:51

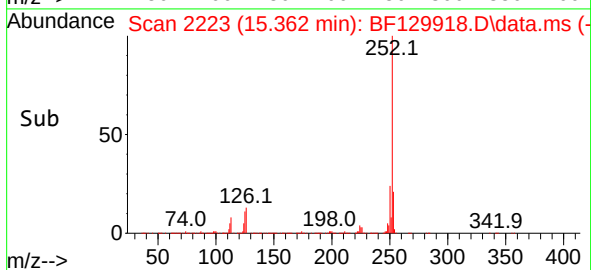
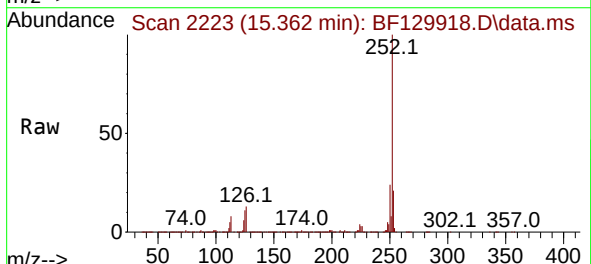
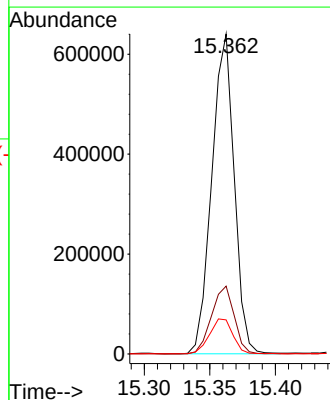
Tgt Ion:252 Resp: 760777

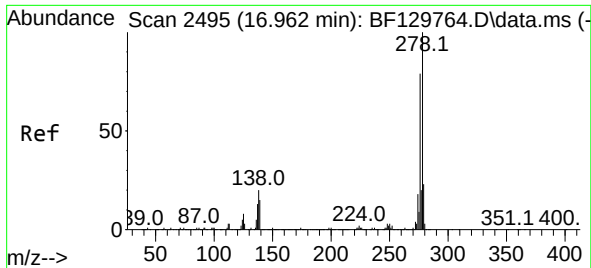
Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

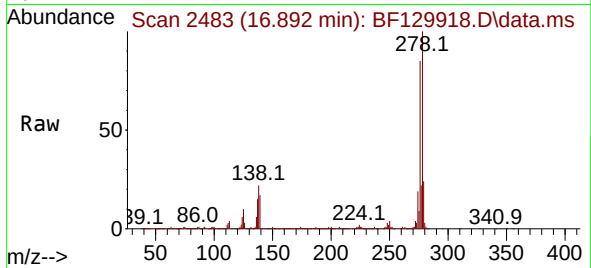
125 10.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 59.730 ng
RT: 16.892 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

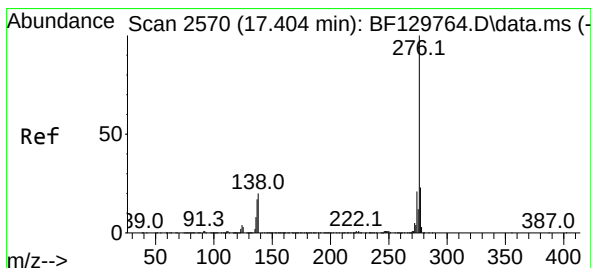
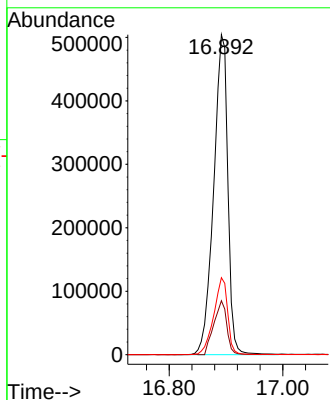
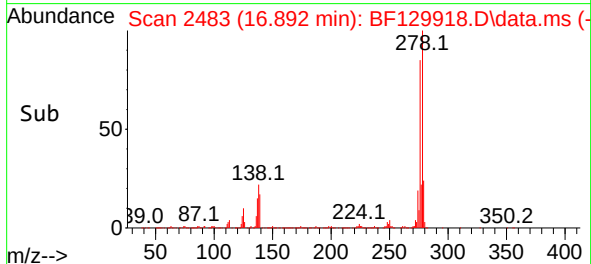
Instrument :
BNA_F
ClientSampleId :
TP3-0815MSD



Tgt Ion:278 Resp: 873420
Ion Ratio Lower Upper
278 100
139 16.8 12.2 18.4
279 24.0 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#92
Benzo(g,h,i)perylene
Concen: 61.655 ng
RT: 17.333 min Scan# 2558
Delta R.T. 0.006 min
Lab File: BF129918.D
Acq: 19 Aug 2022 19:51

Tgt Ion:276 Resp: 899450
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.4
138 20.7 15.8 23.8

