

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129927.D
 Acq On : 20 Aug 2022 00:47
 Operator : CG\JU
 Sample : N4224-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816MSD

Quant Time: Aug 20 07:57:25 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	145885	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	590568	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	317293	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	529730	20.000	ng	0.00
76) Chrysene-d12	13.963	240	300538	20.000	ng	0.00
86) Perylene-d12	15.421	264	268950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1071702	121.631	ng	0.01
7) Phenol-d6	6.451	99	1388981	125.883	ng	0.00
23) Nitrobenzene-d5	7.363	82	864846	78.394	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	398728	125.209	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1615236	77.317	ng	0.00
79) Terphenyl-d14	12.898	244	1616354	89.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	161047	44.303	ng	98
3) Pyridine	3.328	79	403765	42.444	ng	99
4) n-Nitrosodimethylamine	3.287	42	234709	53.537	ng	94
6) Aniline	6.457	93	519796	41.333	ng	96
8) 2-Chlorophenol	6.587	128	508426	51.834	ng	100
9) Benzaldehyde	6.345	77	291837	51.287	ng	99
10) Phenol	6.463	94	613166	50.661	ng	83
11) bis(2-Chloroethyl)ether	6.528	93	471306	51.279	ng	98
12) 1,3-Dichlorobenzene	6.728	146	525766	49.651	ng	98
13) 1,4-Dichlorobenzene	6.804	146	538342	49.755	ng	99
14) 1,2-Dichlorobenzene	6.957	146	505428	50.296	ng	99
15) Benzyl Alcohol	6.945	79	440459	52.877	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	629878	51.145	ng	93
17) 2-Methylphenol	7.063	107	409371	51.978	ng	100
18) Hexachloroethane	7.292	117	208172	51.234	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	363545	52.126	ng	97
20) 3+4-Methylphenols	7.216	107	535637	50.665	ng	93
22) Acetophenone	7.204	105	723462	50.270	ng	98
24) Nitrobenzene	7.381	77	535347	48.124	ng	98
25) Isophorone	7.616	82	992242	52.257	ng	99
26) 2-Nitrophenol	7.692	139	276889	50.603	ng	98
27) 2,4-Dimethylphenol	7.739	122	430734	54.890	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	610204	55.040	ng	100
29) 2,4-Dichlorophenol	7.945	162	428308	49.915	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	426997	47.170	ng	98
31) Naphthalene	8.092	128	1453959	47.086	ng	100
32) Benzoic acid	7.904	122	207425	55.805	ng	97
33) 4-Chloroaniline	8.151	127	351664	28.961	ng	99
34) Hexachlorobutadiene	8.198	225	263222	47.755	ng	99
35) Caprolactam	8.545	113	137777m	51.634	ng	
36) 4-Chloro-3-methylphenol	8.657	107	476012	51.422	ng	95
37) 2-Methylnaphthalene	8.786	142	975848	48.151	ng	100
38) 1-Methylnaphthalene	8.881	142	926623	47.046	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	442437	50.135	ng	99
41) Hexachlorocyclopentadiene	8.928	237	303059	95.000	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	279138	48.683	ng	98

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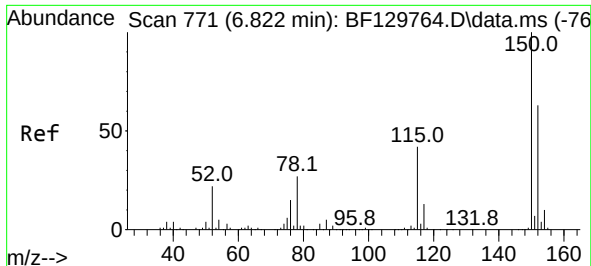
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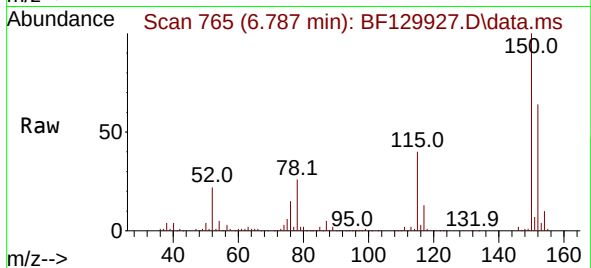
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	297749	48.267	ng	99
46) 1,1'-Biphenyl	9.251	154	1207402	50.090	ng	99
47) 2-Chloronaphthalene	9.275	162	931983	48.866	ng	98
48) 2-Nitroaniline	9.386	65	300009	49.776	ng	96
49) Acenaphthylene	9.692	152	1376634	47.599	ng	100
50) Dimethylphthalate	9.557	163	1127744	49.581	ng	100
51) 2,6-Dinitrotoluene	9.628	165	244103	49.473	ng	97
52) Acenaphthene	9.863	154	845261	48.172	ng	100
53) 3-Nitroaniline	9.798	138	174433	31.968	ng	93
54) 2,4-Dinitrophenol	9.922	184	230819	101.864	ng	93
55) Dibenzofuran	10.033	168	1263343	47.924	ng	96
56) 4-Nitrophenol	9.992	139	241514	99.491	ng	97
57) 2,4-Dinitrotoluene	10.039	165	314814	49.151	ng	94
58) Fluorene	10.380	166	1042774	47.376	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	222548	49.159	ng	# 82
60) Diethylphthalate	10.251	149	1113027	49.076	ng	97
61) 4-Chlorophenyl-phenyle...	10.369	204	488475	49.453	ng	98
62) 4-Nitroaniline	10.428	138	254280m	46.193	ng	
63) Azobenzene	10.528	77	1054511	48.643	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	162774	52.342	ng	93
66) n-Nitrosodiphenylamine	10.492	169	900185	50.347	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	317037	51.098	ng	98
68) Hexachlorobenzene	10.927	284	339070	50.450	ng	97
69) Atrazine	11.022	200	299449	54.568	ng	98
70) Pentachlorophenol	11.133	266	197540	96.884	ng	96
71) Phenanthrene	11.345	178	1447908	48.940	ng	100
72) Anthracene	11.398	178	1437462	48.858	ng	100
73) Carbazole	11.557	167	1312944	49.160	ng	99
74) Di-n-butylphthalate	11.869	149	1724392	50.168	ng	100
75) Fluoranthene	12.533	202	1413944	46.704	ng	97
77) Benzidine	12.657	184	432745	62.017	ng	99
78) Pyrene	12.763	202	1397754	53.520	ng	99
80) Butylbenzylphthalate	13.368	149	631869	57.177	ng	94
81) Benzo(a)anthracene	13.957	228	1003776	48.552	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	229126	35.784	ng	98
83) Chrysene	13.992	228	918878	47.481	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	801721	61.149	ng	98
85) Di-n-octyl phthalate	14.533	149	1103409	60.965	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1066720	57.774	ng	100
88) Benzo(b)fluoranthene	14.998	252	865805	47.013	ng	100
89) Benzo(k)fluoranthene	15.027	252	845017	47.845	ng	99
90) Benzo(a)pyrene	15.362	252	762534	52.578	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	924688	60.696	ng	99
92) Benzo(g,h,i)perylene	17.333	276	938160	61.725	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

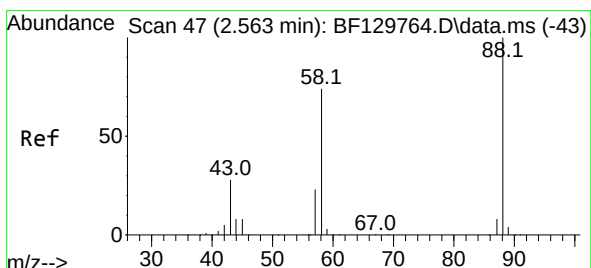
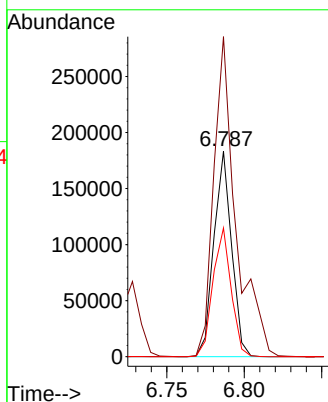
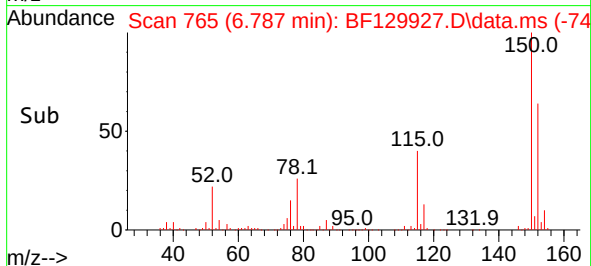
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



Tgt Ion:152 Resp: 14588
Ion Ratio Lower Upper
152 100
150 155.8 126.9 190.3
115 62.7 53.4 80.0

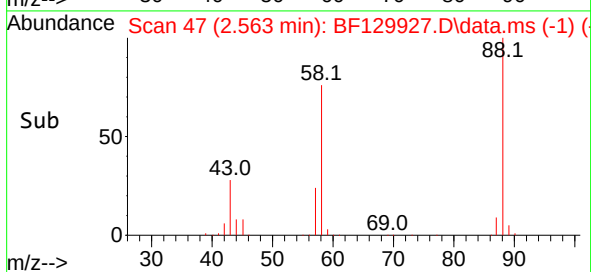
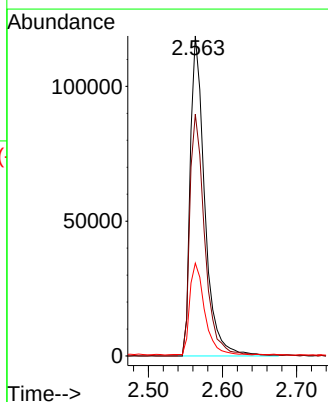
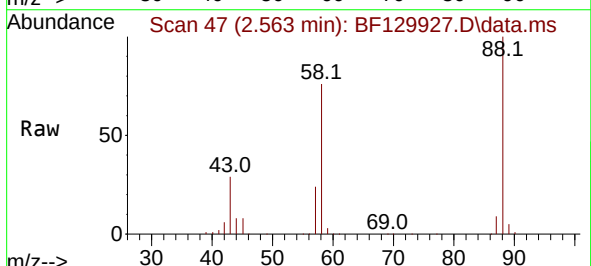
Manual Integrations
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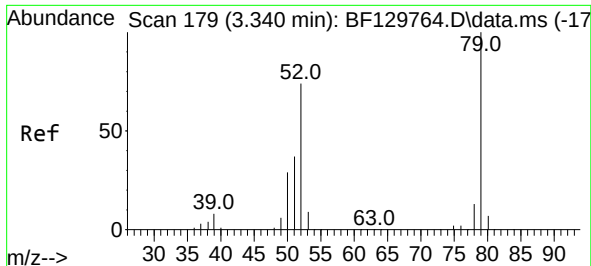
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#2
1,4-Dioxane
Concen: 44.303 ng
RT: 2.563 min Scan# 47
Delta R.T. 0.094 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

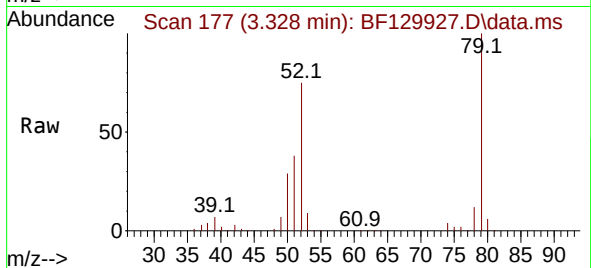
Tgt Ion: 88 Resp: 161047
Ion Ratio Lower Upper
88 100
58 78.0 60.9 91.3
43 29.7 23.6 35.4





#3
Pyridine
Concen: 42.444 ng
RT: 3.328 min Scan# 177
Delta R.T. 0.094 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

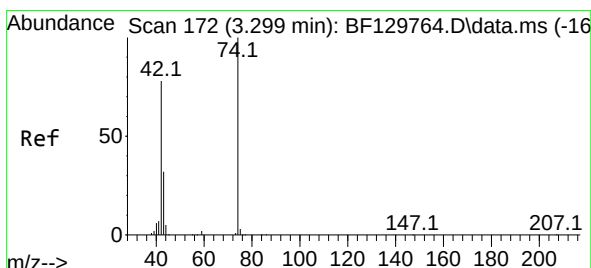
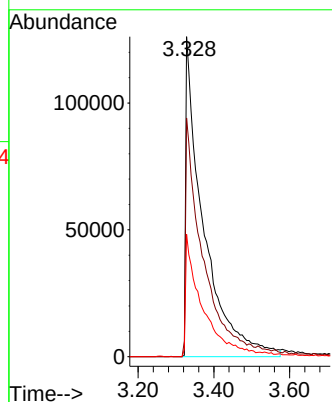
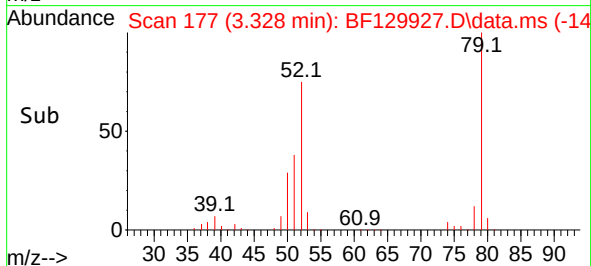
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



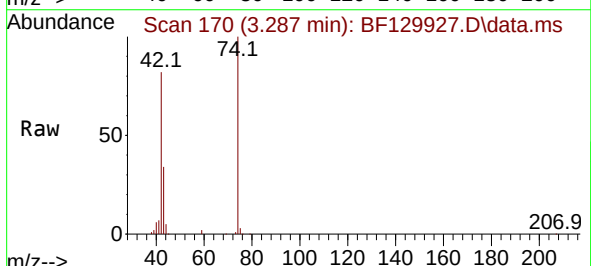
Tgt Ion: 79 Resp: 40376
Ion Ratio Lower Upper
79 100
52 74.6 59.4 89.2
51 38.3 29.5 44.3

Manual Integrations
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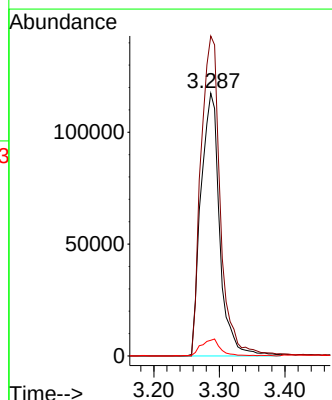
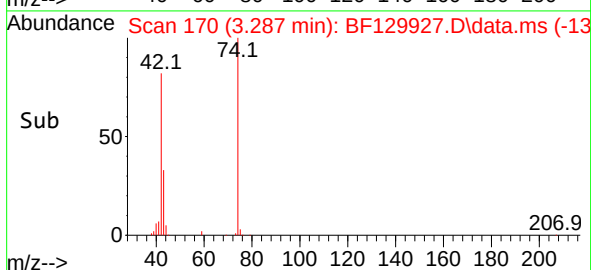
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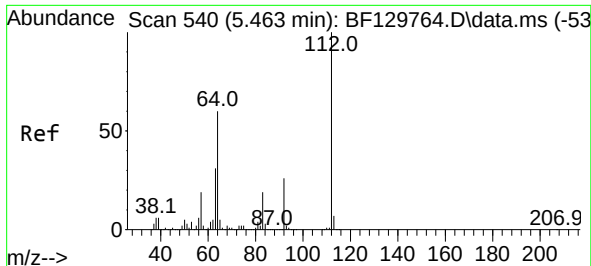


#4
n-Nitrosodimethylamine
Concen: 53.537 ng
RT: 3.287 min Scan# 170
Delta R.T. 0.094 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



Tgt Ion: 42 Resp: 234709
Ion Ratio Lower Upper
42 100
74 121.8 103.1 154.7
44 6.0 5.4 8.2





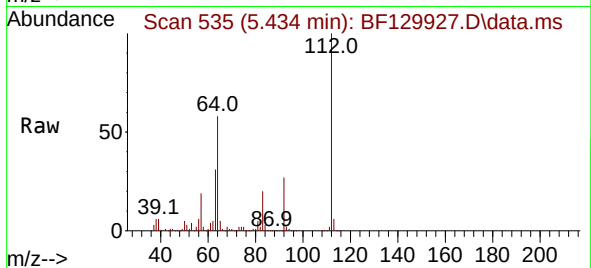
#5
2-Fluorophenol
Concen: 121.631 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

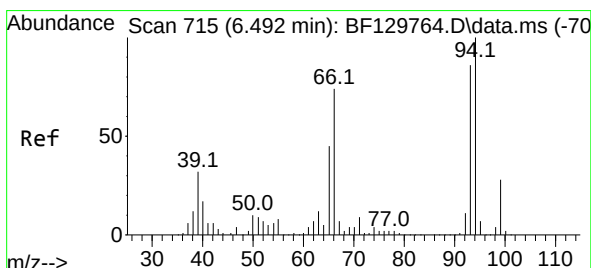
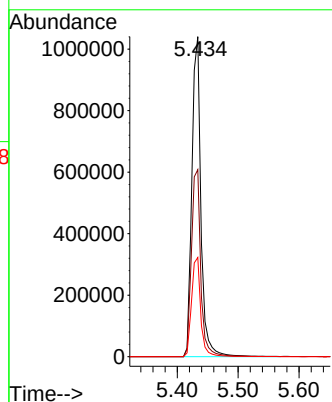
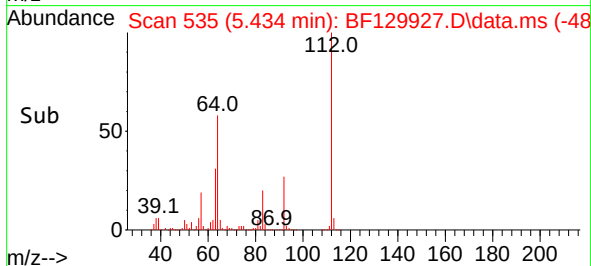


Tgt Ion:112 Resp: 107170
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 31.0 24.6 37.0

Manual Integrations

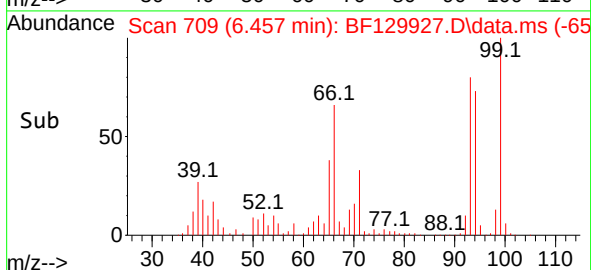
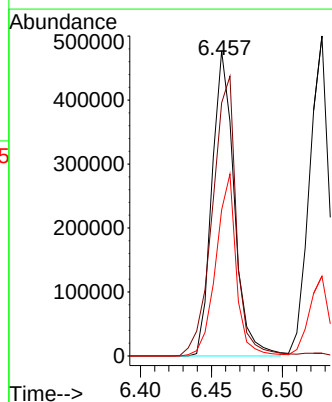
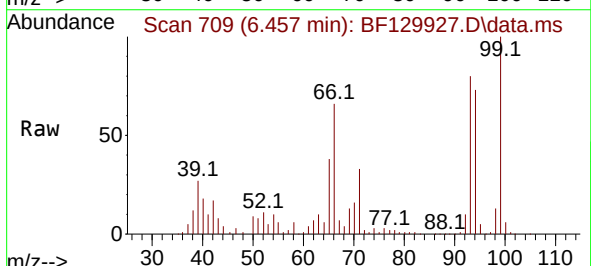
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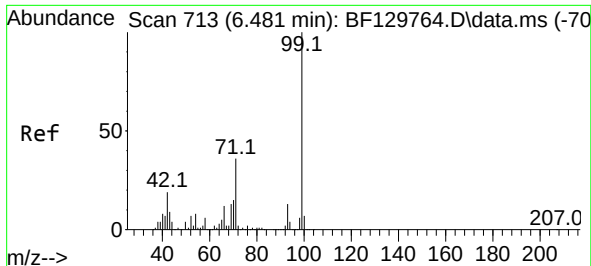
Reviewed By :Christian Giraldo 08/22/2022
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#6
Aniline
Concen: 41.333 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

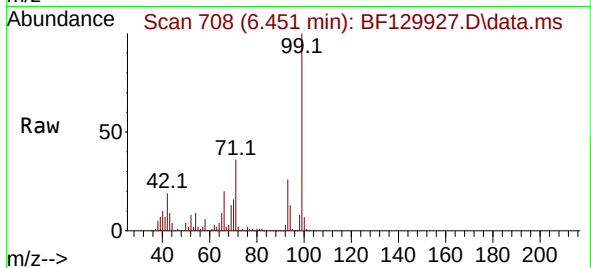
Tgt Ion: 93 Resp: 519796
Ion Ratio Lower Upper
93 100
66 83.0 68.7 103.1
65 47.9 41.6 62.4





#7
Phenol-d6
Concen: 125.883 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

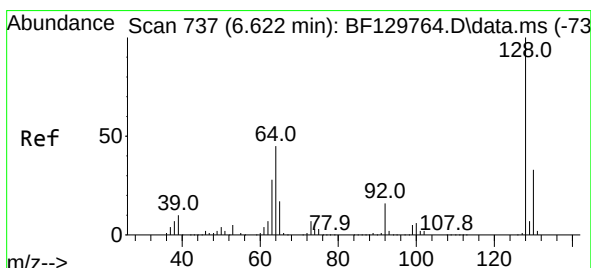
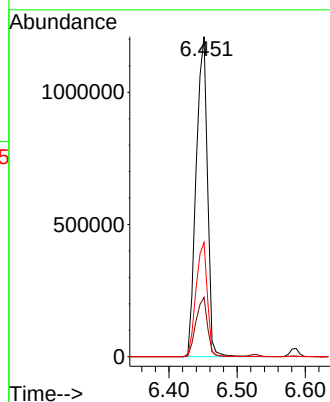
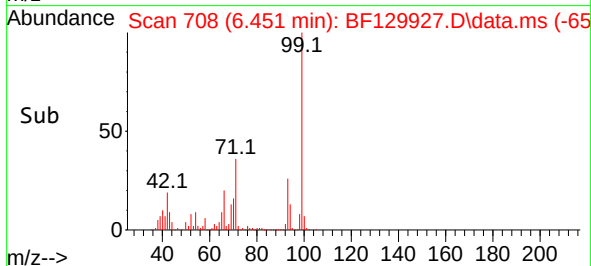
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TP2-0816MSD



Tgt Ion: 99 Resp: 138898
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 35.7 28.8 43.2

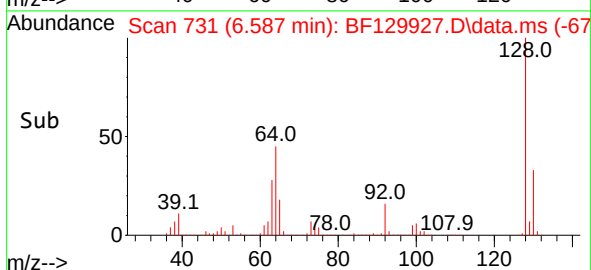
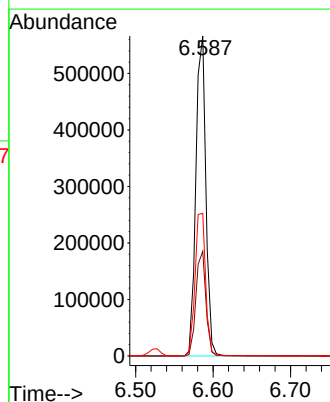
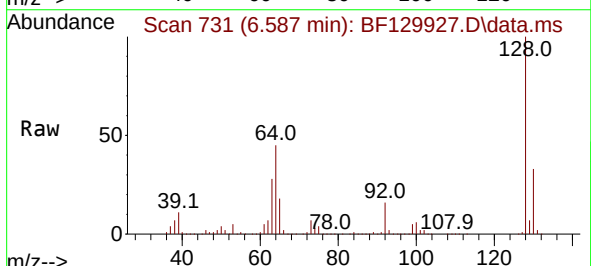
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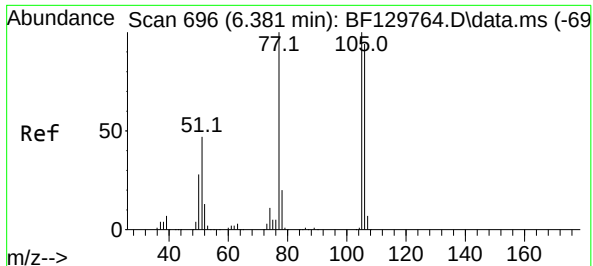
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#8
2-Chlorophenol
Concen: 51.834 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

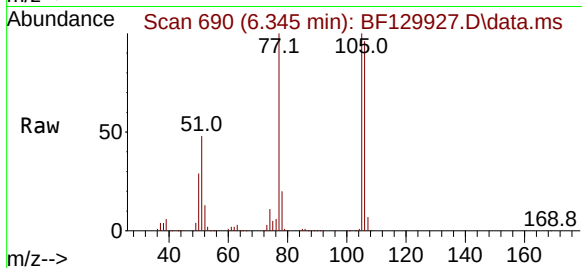
Tgt Ion:128 Resp: 508426
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 44.5 24.9 64.9





#9
Benzaldehyde
Concen: 51.287 ng
RT: 6.345 min Scan# 696
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

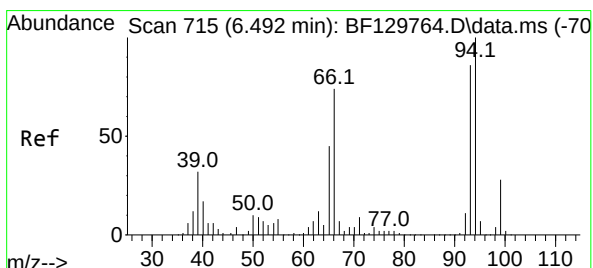
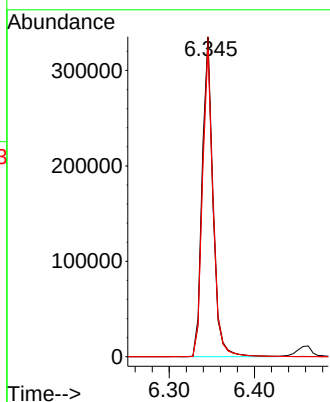
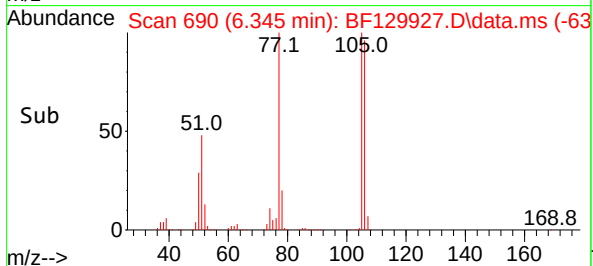
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



Tgt Ion: 77 Resp: 29183
Ion Ratio Lower Upper
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105 100.5 80.3 120.3
106 96.4 74.3 114.3

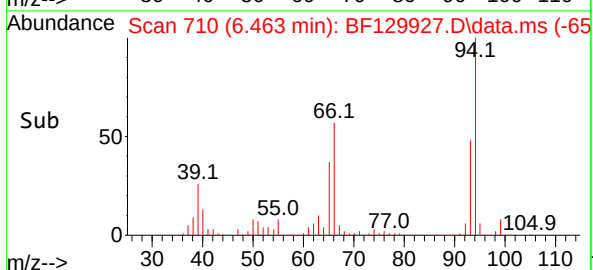
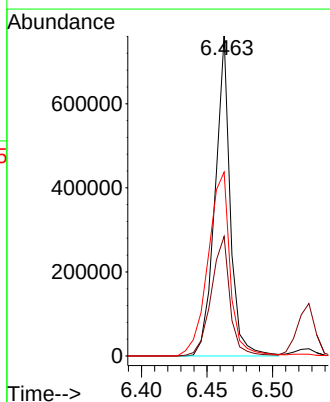
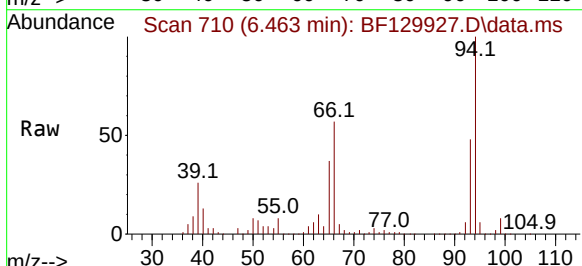
Manual Integrations
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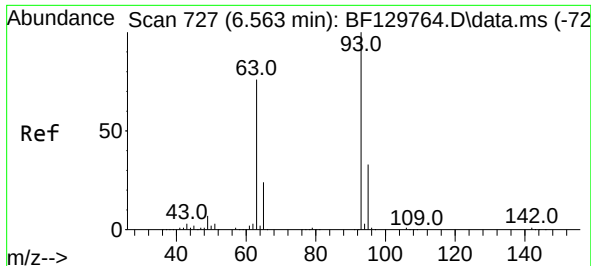
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 50.661 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Tgt Ion: 94 Resp: 613166
Ion Ratio Lower Upper
94 100
65 37.4 24.9 64.9
66 57.4 54.2 94.2





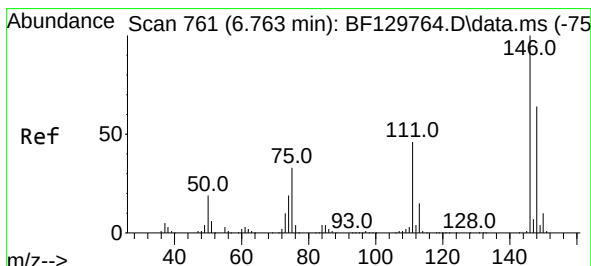
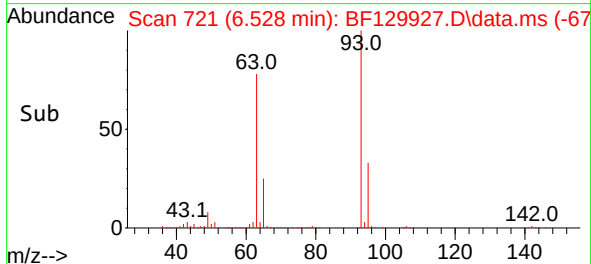
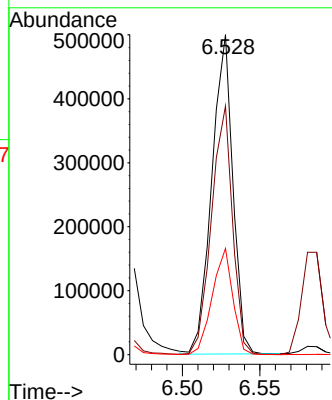
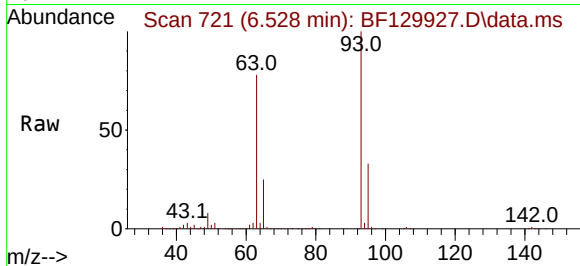
#11
bis(2-Chloroethyl)ether
Concen: 51.279 ng
RT: 6.528 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD

Tgt Ion: 93 Resp: 471300
Ion Ratio Lower Upper
93 100
63 77.7 55.9 95.9
95 33.2 12.3 52.3

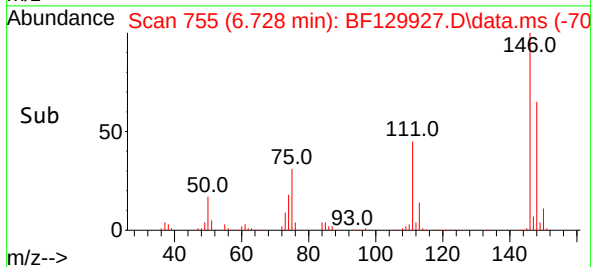
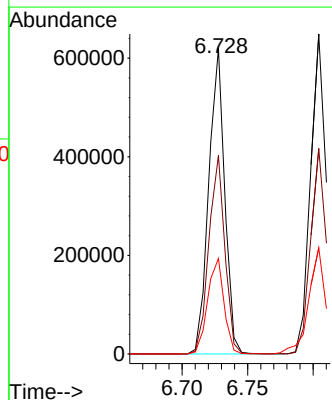
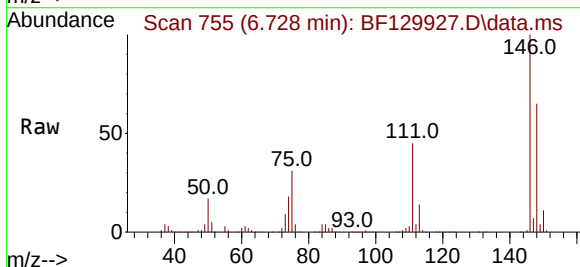
Manual Integrations
APPROVED

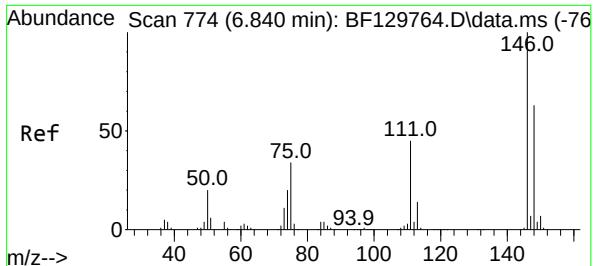
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 49.651 ng
RT: 6.728 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Tgt Ion:146 Resp: 525766
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
75 31.2 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 49.755 ng

RT: 6.804 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

Tgt Ion:146 Resp: 53834

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

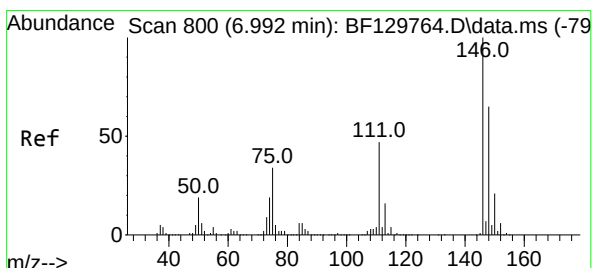
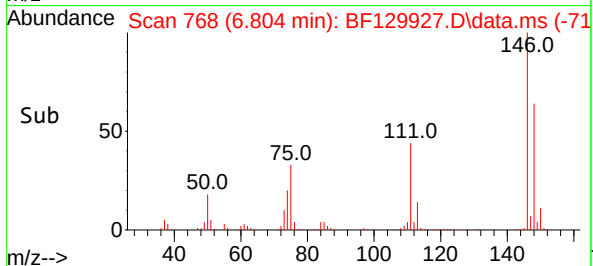
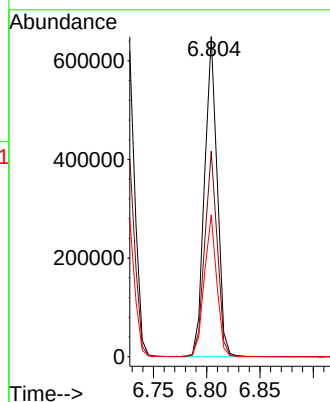
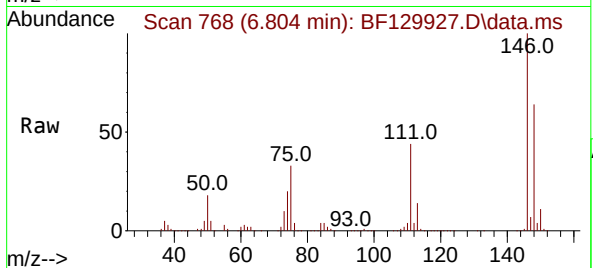
111 44.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#14

1,2-Dichlorobenzene

Concen: 50.296 ng

RT: 6.957 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

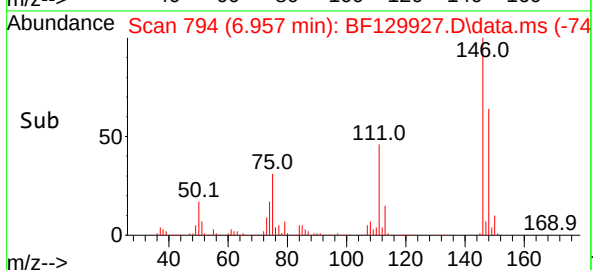
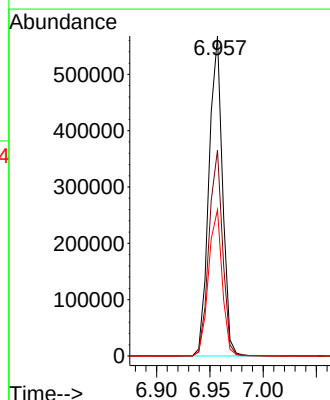
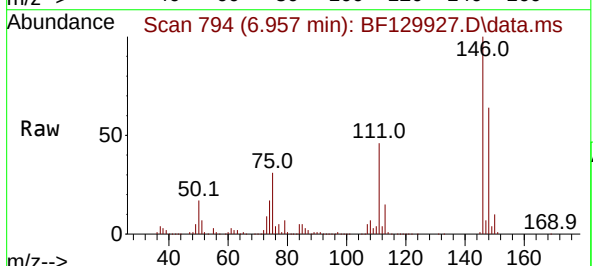
Tgt Ion:146 Resp: 505428

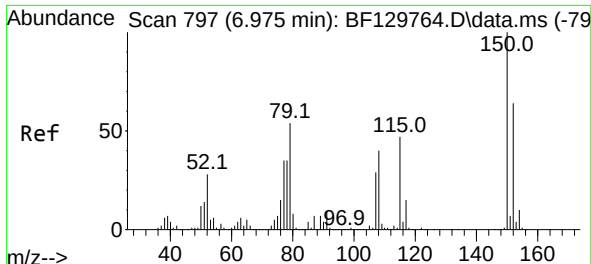
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

111 45.7 37.2 55.8





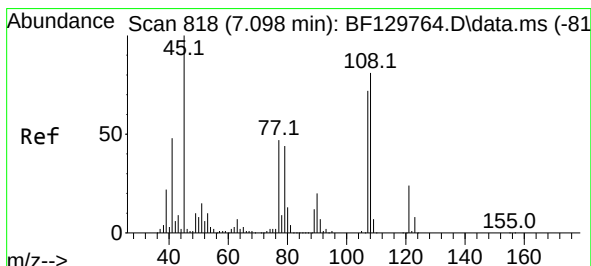
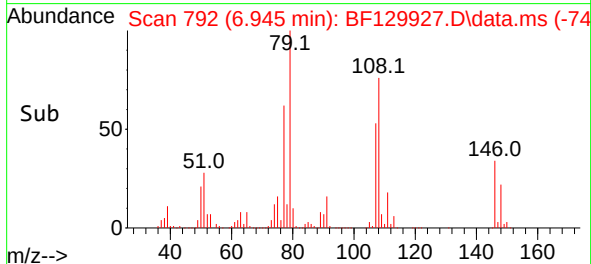
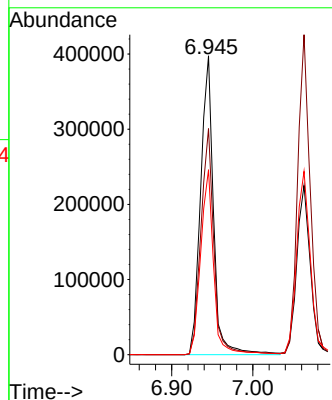
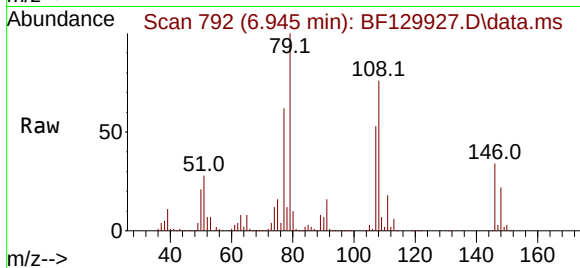
#15
Benzyl Alcohol
Concen: 52.877 ng
RT: 6.945 min Scan# 797
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD

Tgt Ion: 79 Resp: 440459
Ion Ratio Lower Upper
79 100
108 75.6 59.2 88.8
77 61.9 51.9 77.9

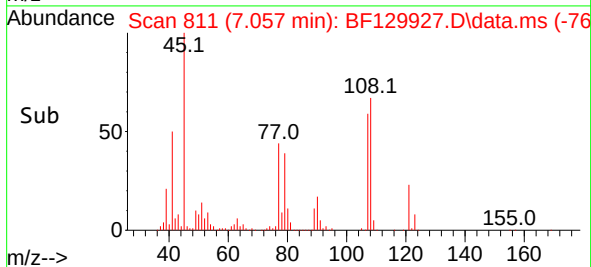
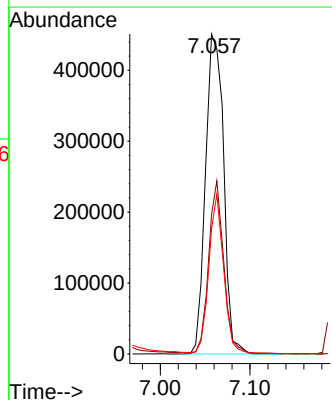
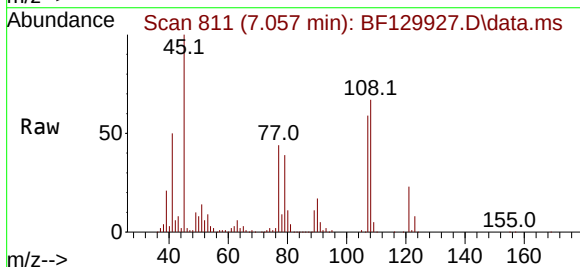
Manual Integrations
APPROVED

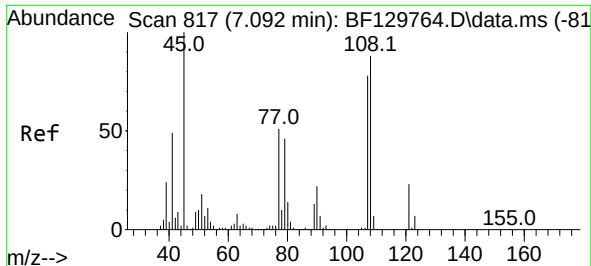
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.145 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

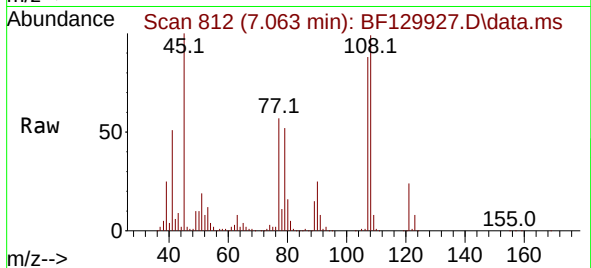
Tgt Ion: 45 Resp: 629878
Ion Ratio Lower Upper
45 100
77 43.6 27.4 67.4
79 39.2 24.4 64.4





#17
2-Methylphenol
Concen: 51.978 ng
RT: 7.063 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

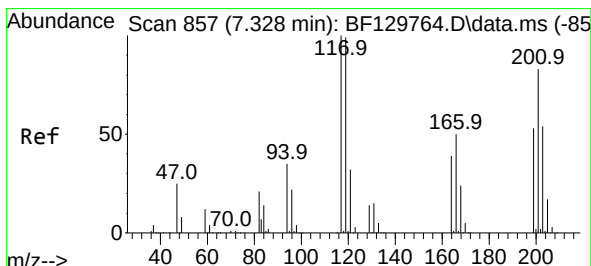
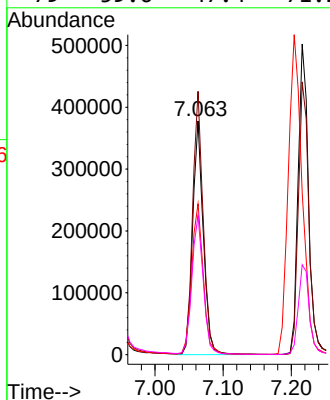
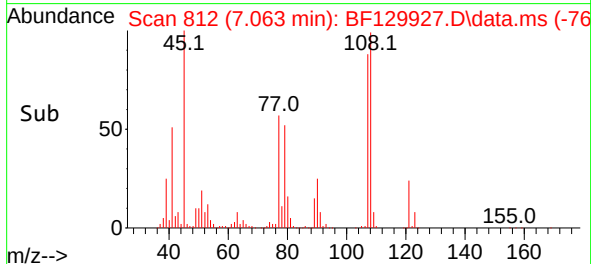
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



Tgt Ion:107 Resp: 40937
Ion Ratio Lower Upper
107 100
108 112.6 90.2 135.2
77 64.6 51.8 77.8
79 59.6 47.4 71.2

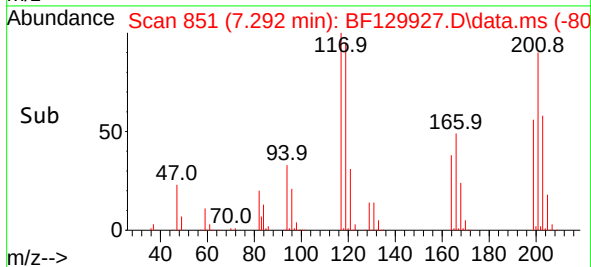
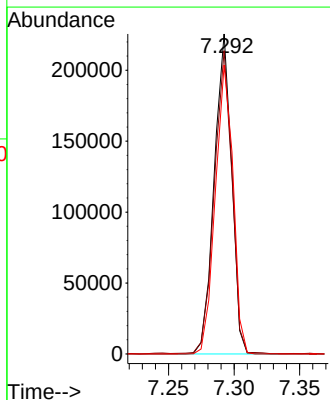
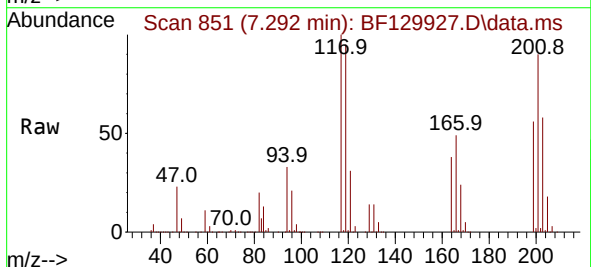
Manual Integrations
APPROVED

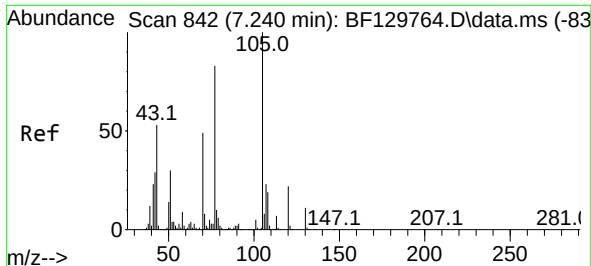
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#18
Hexachloroethane
Concen: 51.234 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

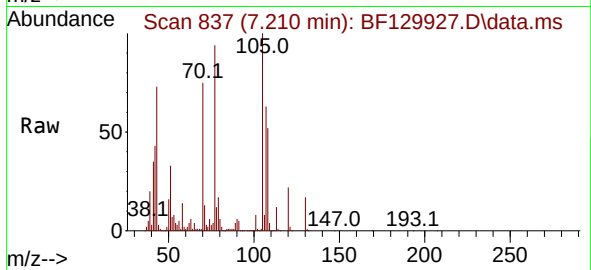
Tgt Ion:117 Resp: 208172
Ion Ratio Lower Upper
117 100
119 94.8 79.1 118.7
201 90.3 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 52.126 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

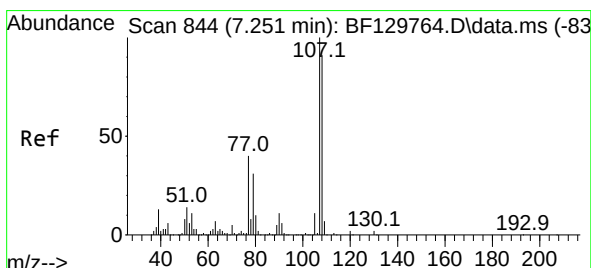
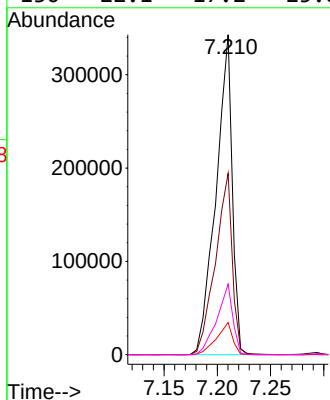
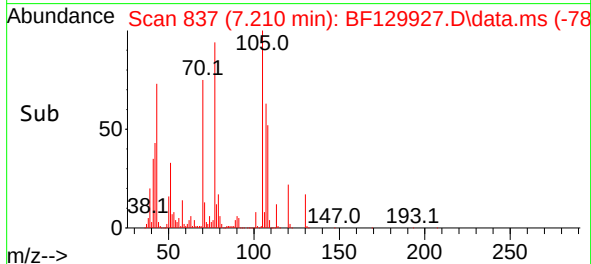
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



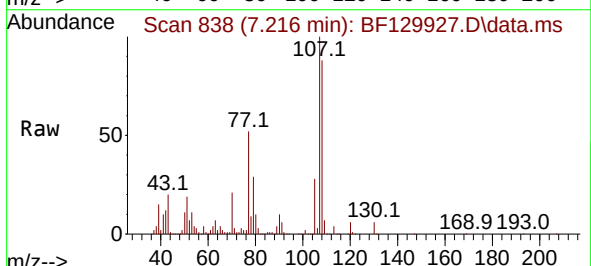
Tgt Ion: 70 Resp: 36354
Ion Ratio Lower Upper
70 100
42 56.7 47.6 71.4
101 10.1 8.1 12.1
130 22.1 17.2 25.8

Manual Integrations
APPROVED

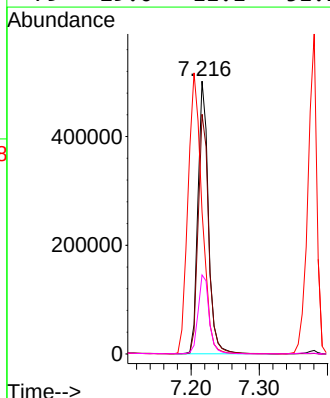
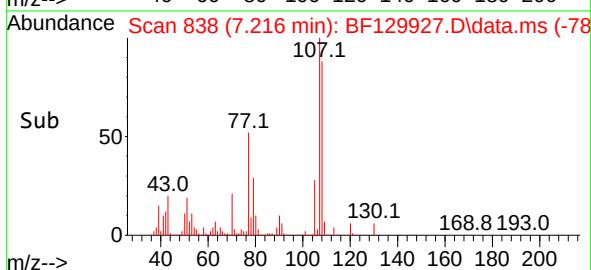
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

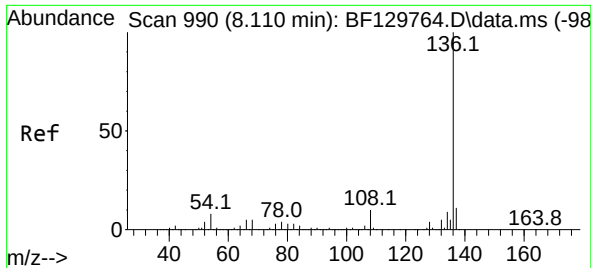


#20
3+4-Methylphenols
Concen: 50.665 ng
RT: 7.216 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



Tgt Ion:107 Resp: 535637
Ion Ratio Lower Upper
107 100
108 87.9 71.3 111.3
77 52.1 20.4 60.4
79 29.0 11.1 51.1





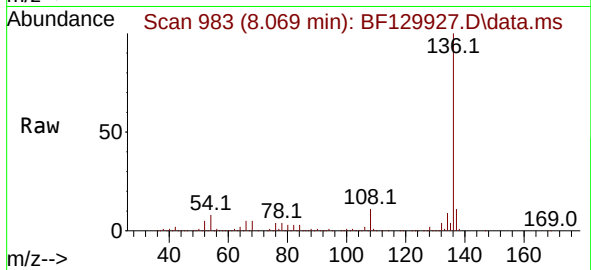
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

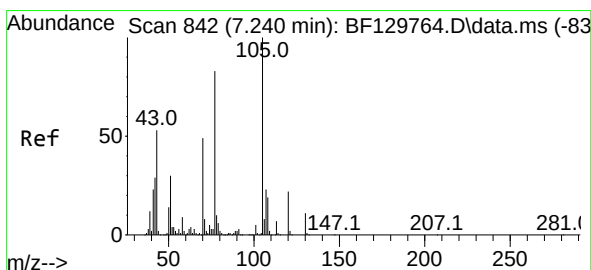
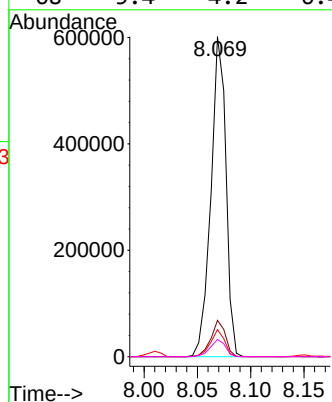
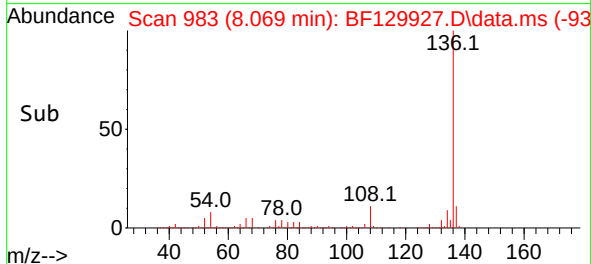


Tgt Ion:136 Resp: 590568
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.5 6.2 9.2
68 5.4 4.2 6.4

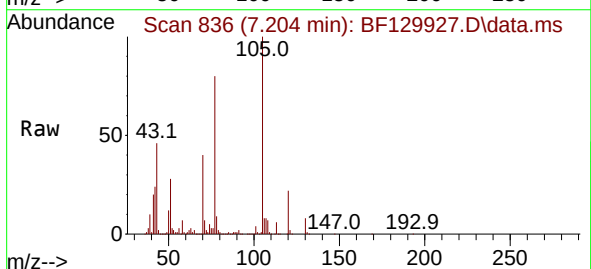
Manual Integrations

APPROVED

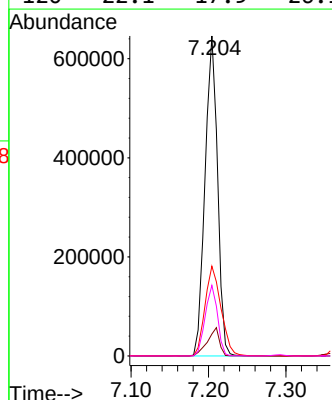
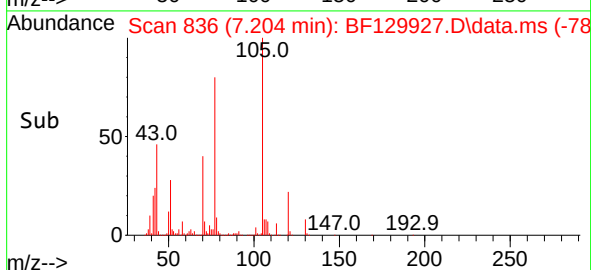
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

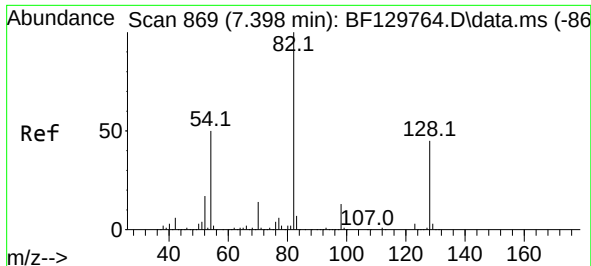


#22
Acetophenone
Concen: 50.270 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



Tgt Ion:105 Resp: 723462
Ion Ratio Lower Upper
105 100
71 6.9 6.6 9.8
51 28.0 23.8 35.8
120 22.1 17.9 26.9





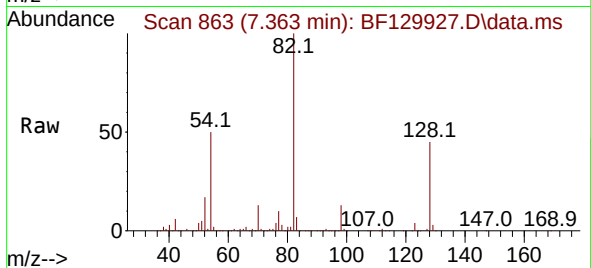
#23
Nitrobenzene-d5
Concen: 78.394 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

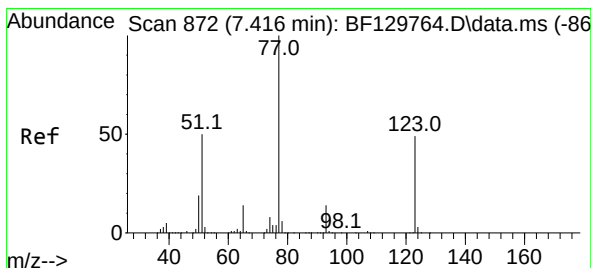
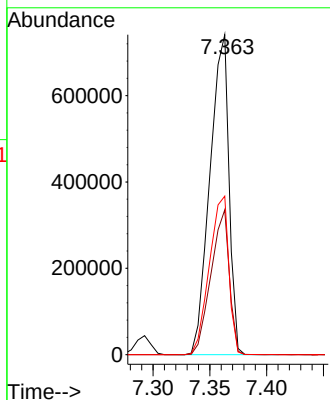
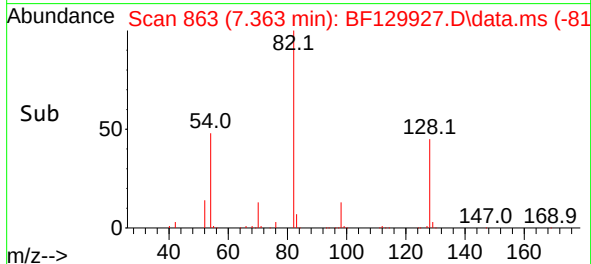


Tgt Ion: 82 Resp: 864840
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 49.6 40.0 60.0

Manual Integrations

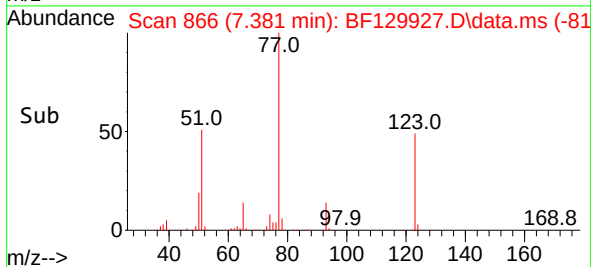
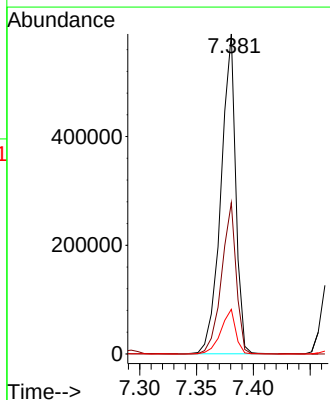
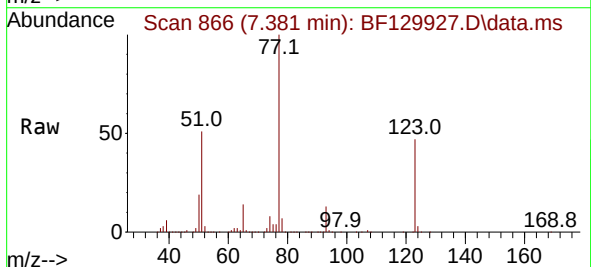
APPROVED

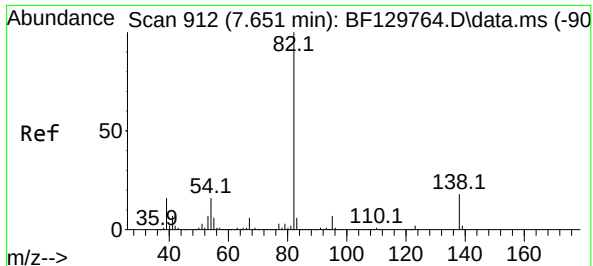
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#24
Nitrobenzene
Concen: 48.124 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

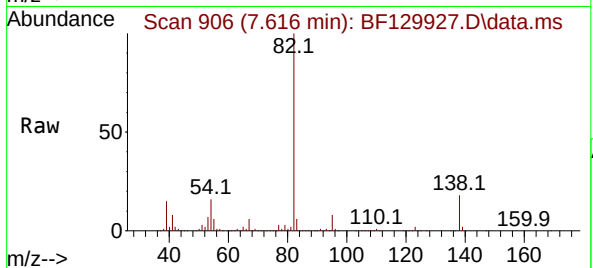
Tgt Ion: 77 Resp: 535347
Ion Ratio Lower Upper
77 100
123 47.3 39.2 58.8
65 13.9 11.1 16.7





#25
Isophorone
Concen: 52.257 ng
RT: 7.616 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

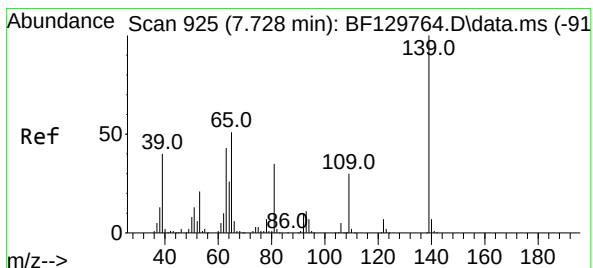
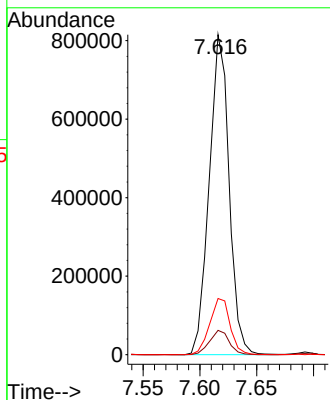
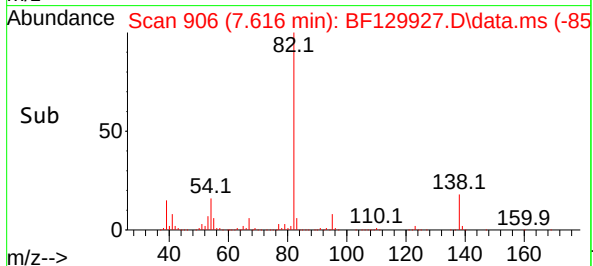
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



Tgt Ion: 82 Resp: 99224
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 17.6 14.6 21.8

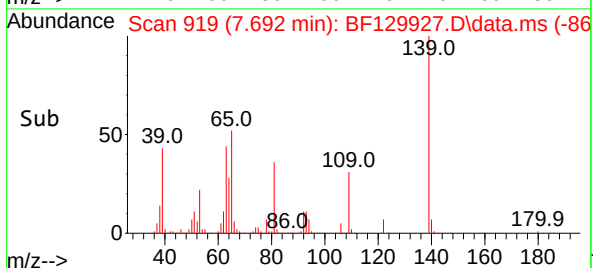
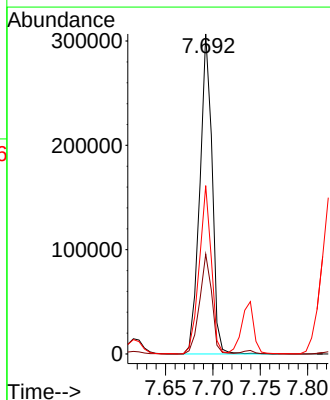
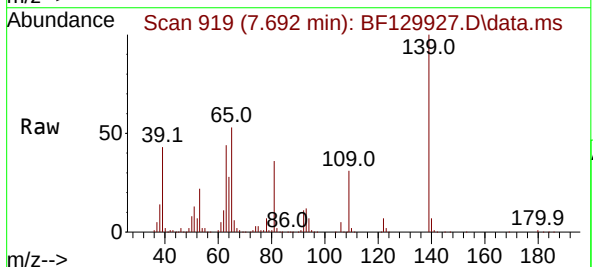
Manual Integrations
APPROVED

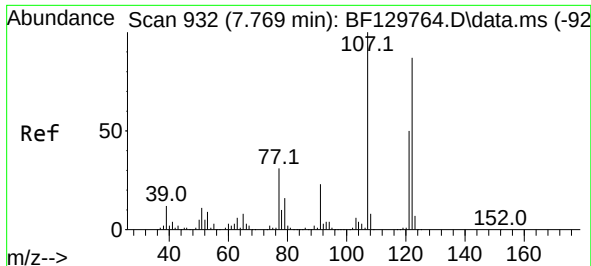
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#26
2-Nitrophenol
Concen: 50.603 ng
RT: 7.692 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Tgt Ion:139 Resp: 276889
Ion Ratio Lower Upper
139 100
109 31.2 24.4 36.6
65 52.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 54.890 ng

RT: 7.739 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129927.D

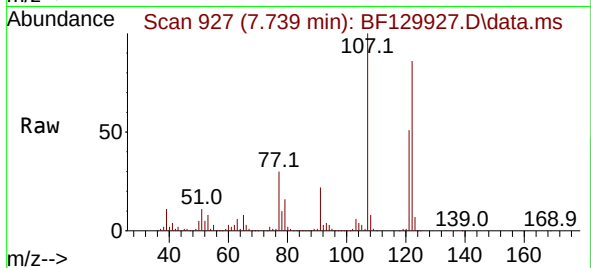
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD



Tgt Ion:122 Resp: 430734

Ion Ratio Lower Upper

122 100

107 116.5 92.2 138.4

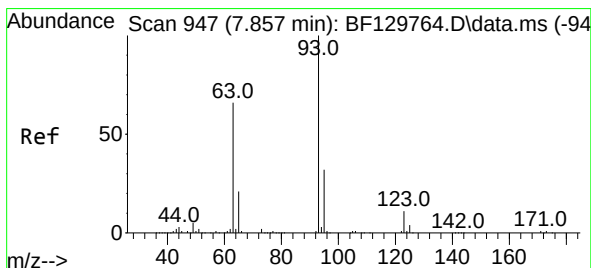
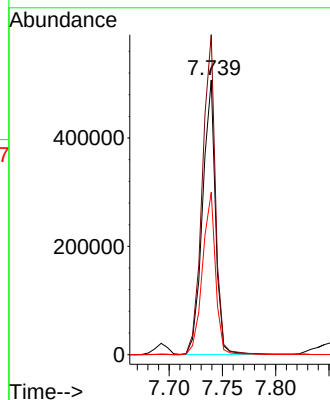
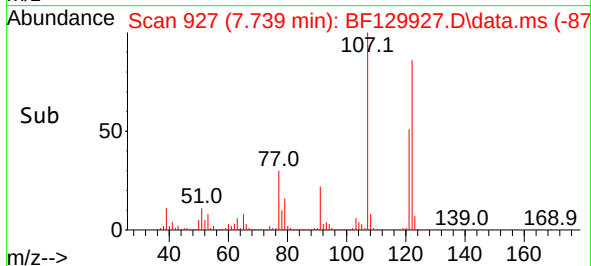
121 59.1 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 55.040 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

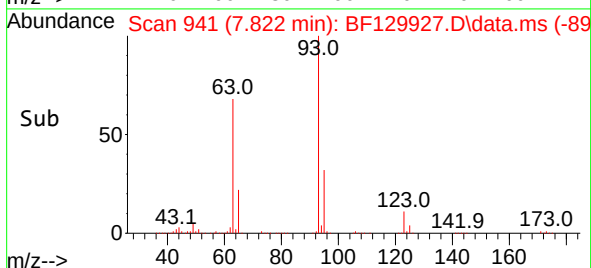
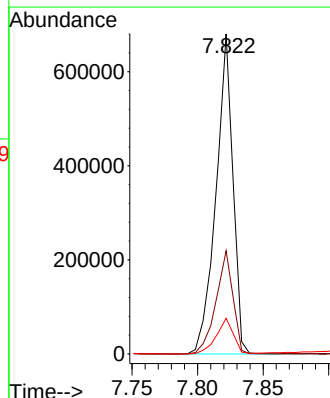
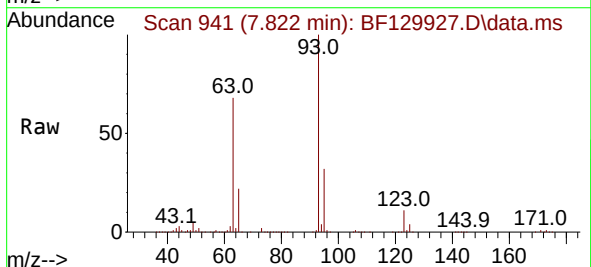
Tgt Ion: 93 Resp: 610204

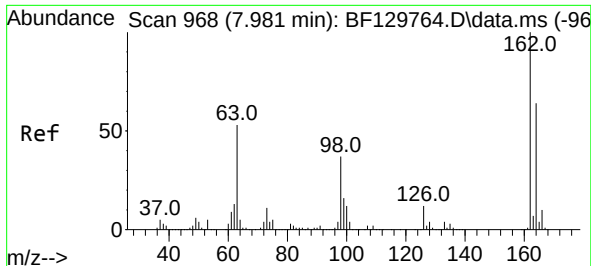
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 49.915 ng

RT: 7.945 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129927.D

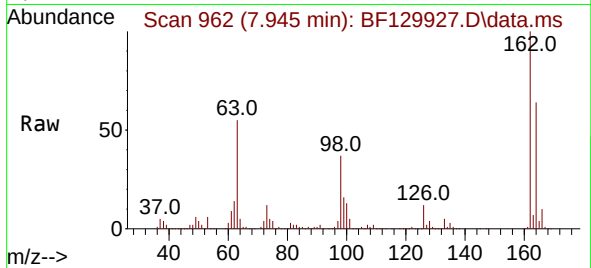
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD



Tgt Ion:162 Resp: 428308

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

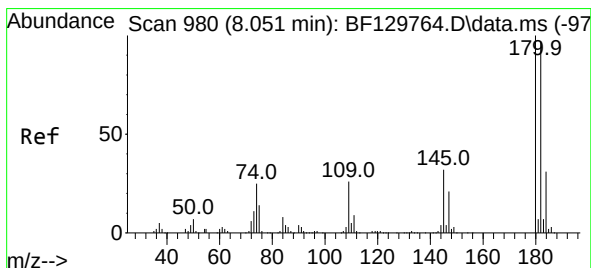
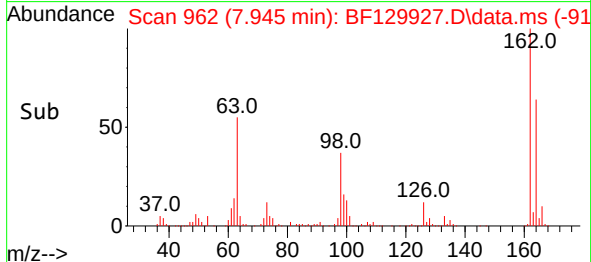
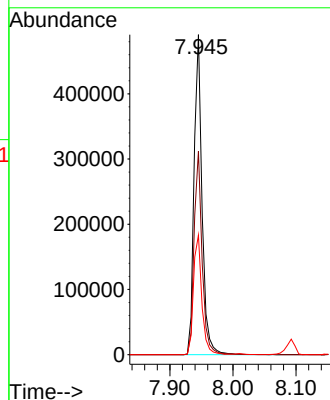
98 37.3 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.170 ng

RT: 8.010 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

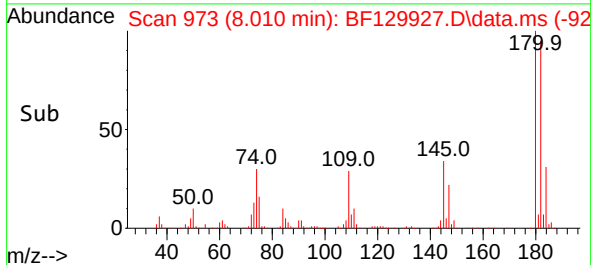
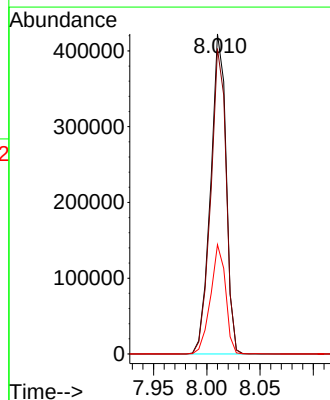
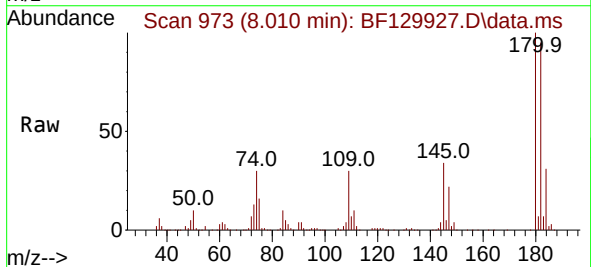
Tgt Ion:180 Resp: 426997

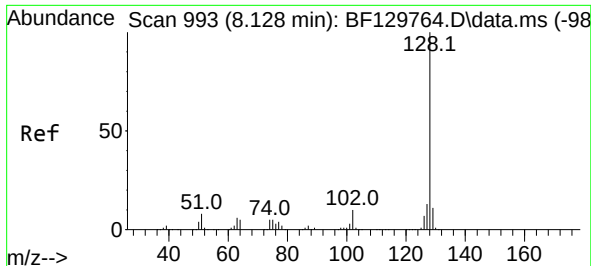
Ion Ratio Lower Upper

180 100

182 95.4 77.6 116.4

145 34.2 25.6 38.4





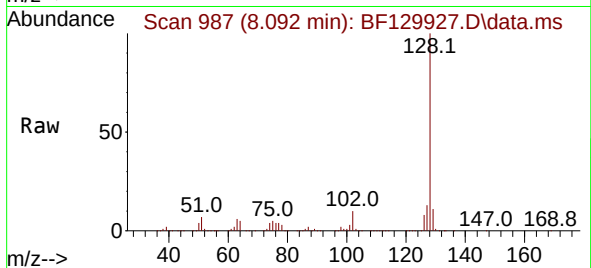
#31
Naphthalene
Concen: 47.086 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

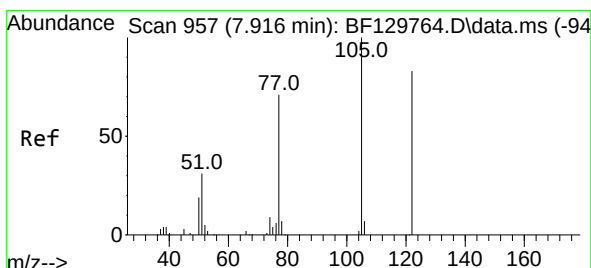
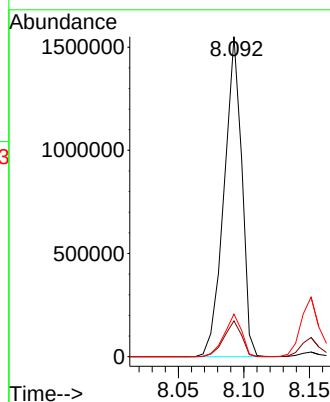
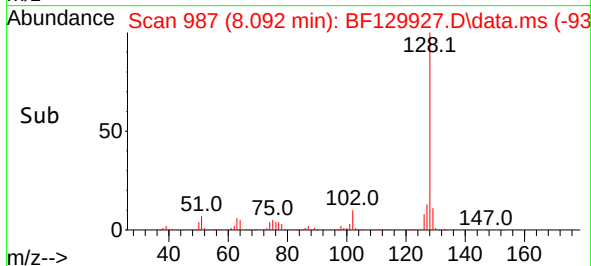
TP2-0816MSD



Tgt Ion:128 Resp: 145395
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.7 16.1

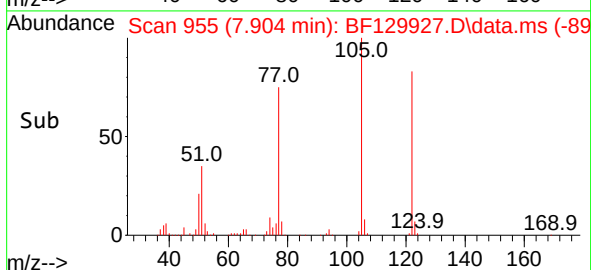
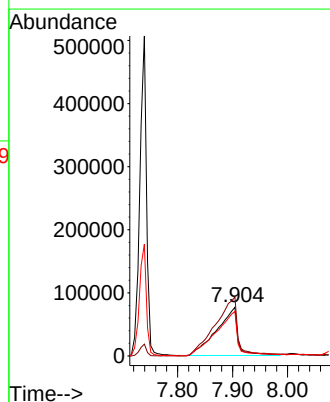
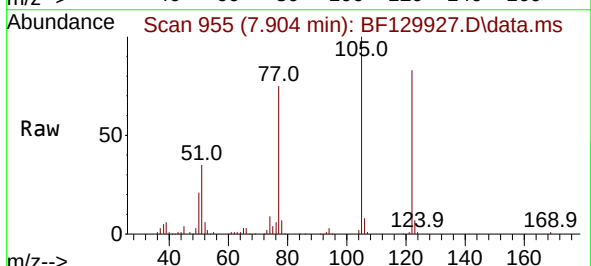
Manual Integrations
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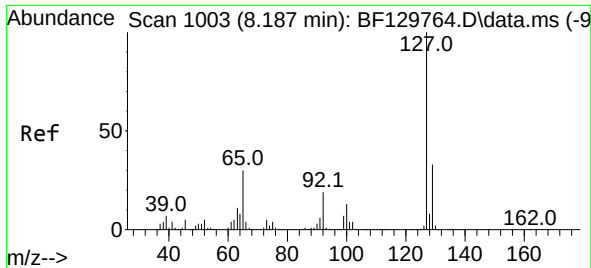
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#32
Benzoic acid
Concen: 55.805 ng
RT: 7.904 min Scan# 955
Delta R.T. 0.029 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Tgt Ion:122 Resp: 207425
Ion Ratio Lower Upper
122 100
105 121.1 99.9 139.9
77 91.3 65.9 105.9





#33
4-Chloroaniline
Concen: 28.961 ng
RT: 8.151 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

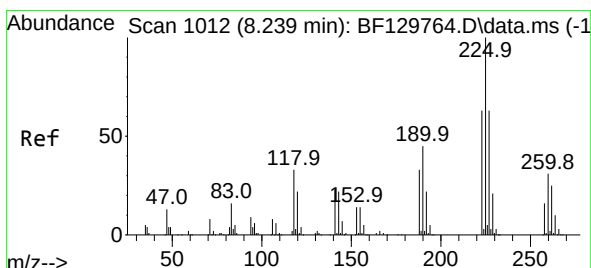
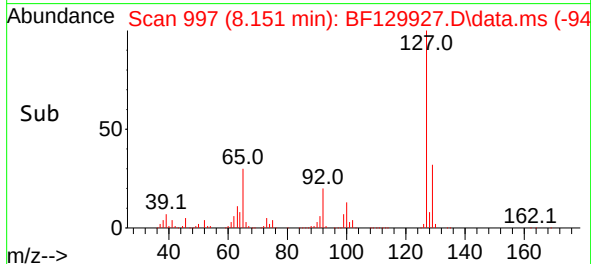
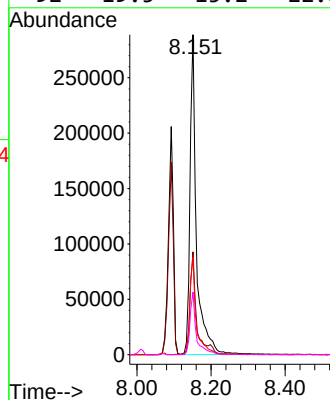
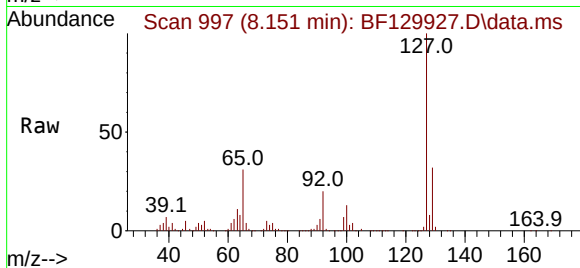
TP2-0816MSD

Tgt Ion:127 Resp: 351664
Ion Ratio Lower Upper
127 100
129 32.2 26.7 40.1
65 30.5 24.2 36.2
92 19.5 15.2 22.8

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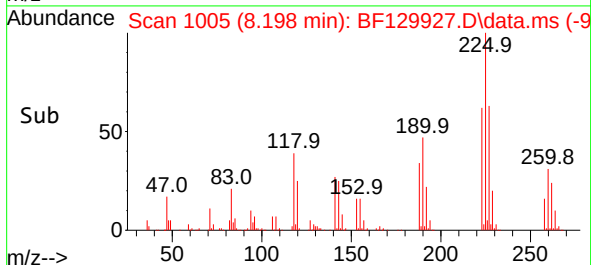
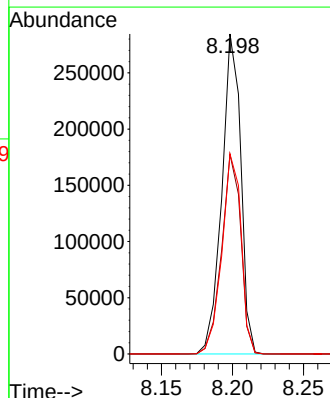
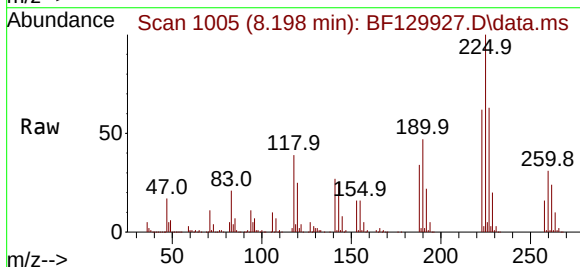
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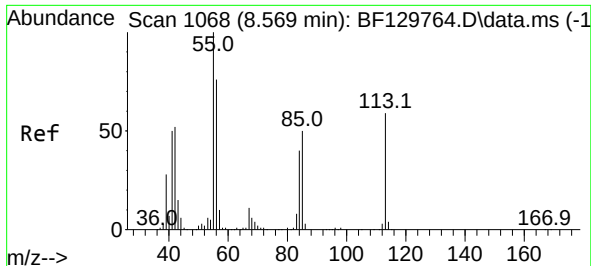
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#34
Hexachlorobutadiene
Concen: 47.755 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

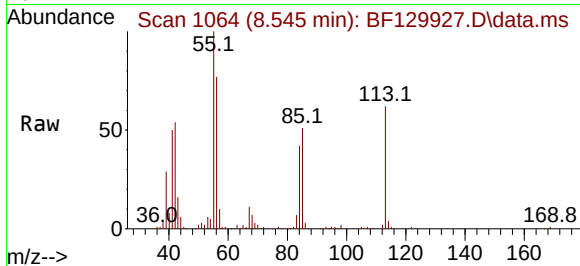
Tgt Ion:225 Resp: 263222
Ion Ratio Lower Upper
225 100
223 62.4 50.2 75.2
227 62.5 50.6 75.8





#35
Caprolactam
Concen: 51.634 ng m
RT: 8.545 min Scan# 1064
Delta R.T. 0.018 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

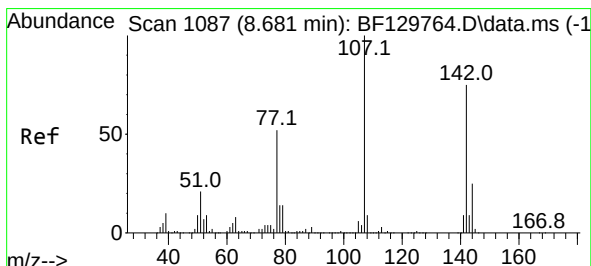
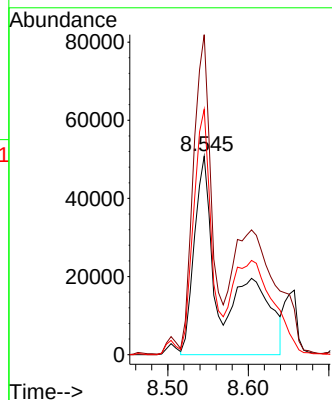
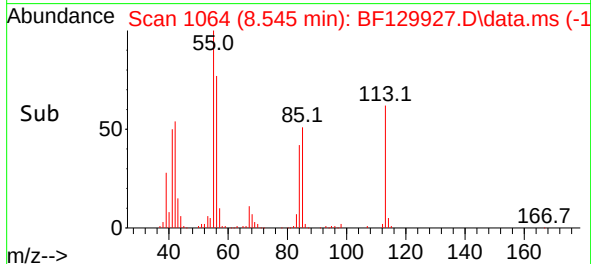
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



Tgt Ion:113 Resp: 13777
Ion Ratio Lower Upper
113 100
55 161.3 148.8 188.8
56 123.6 109.1 149.1

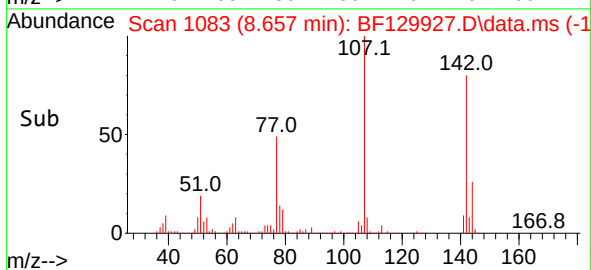
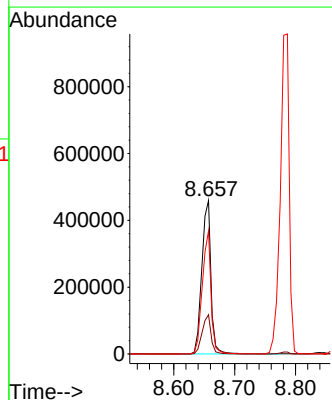
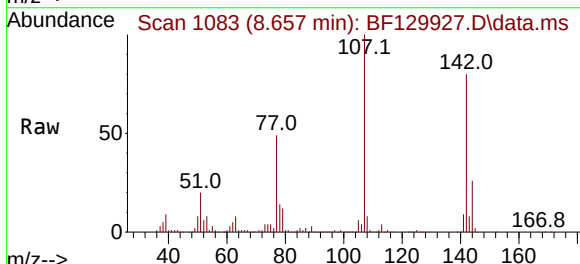
Manual Integrations
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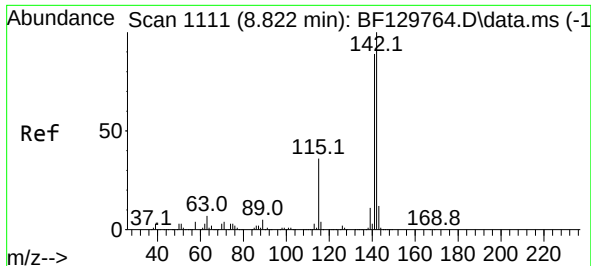
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#36
4-Chloro-3-methylphenol
Concen: 51.422 ng
RT: 8.657 min Scan# 1083
Delta R.T. 0.012 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Tgt Ion:107 Resp: 476012
Ion Ratio Lower Upper
107 100
144 25.5 19.9 29.9
142 80.2 60.2 90.4





#37

2-Methylnaphthalene

Concen: 48.151 ng

RT: 8.786 min Scan# 1105

Delta R.T. 0.006 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

Tgt Ion:142 Resp: 97584

Ion Ratio Lower Upper

142 100

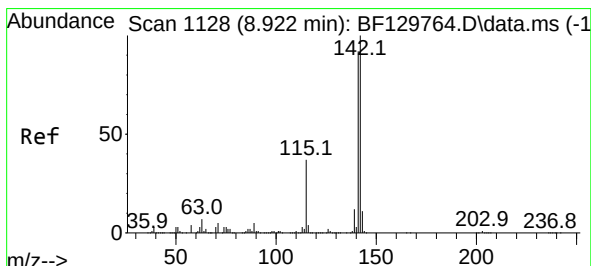
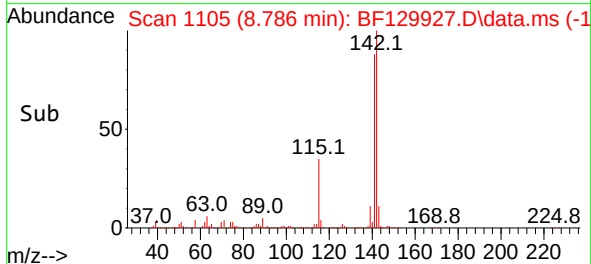
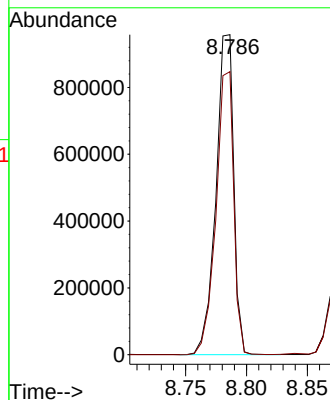
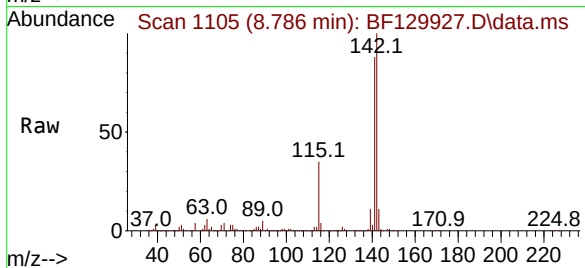
141 88.5 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#38

1-Methylnaphthalene

Concen: 47.046 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129927.D

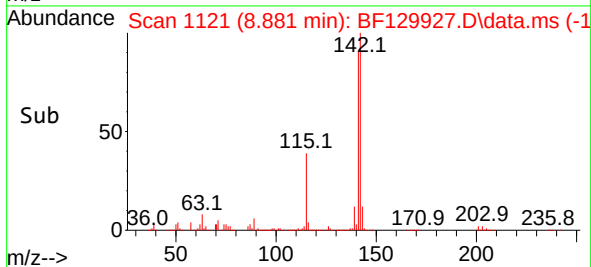
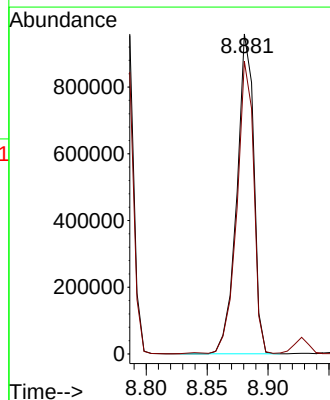
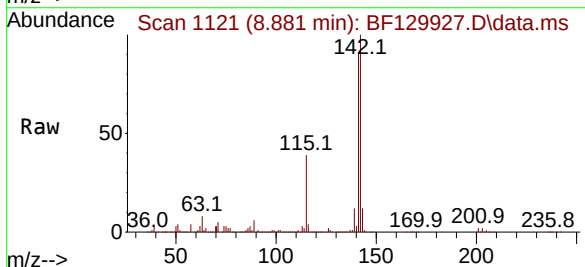
Acq: 20 Aug 2022 00:47

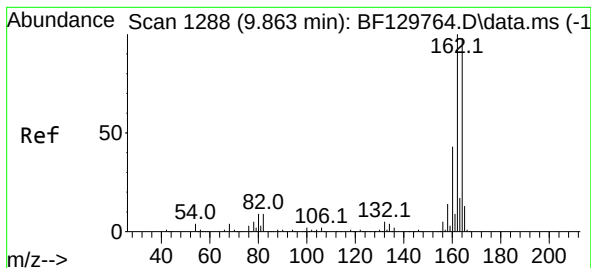
Tgt Ion:142 Resp: 926623

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# 1288

Delta R.T. 0.000 min

Lab File: BF129927.D

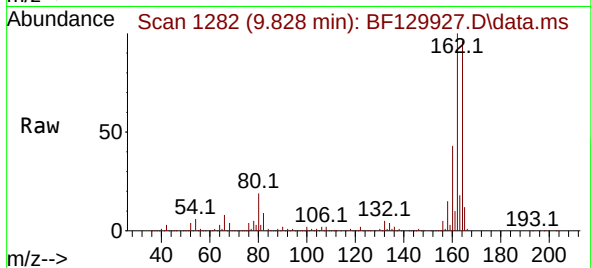
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD



Tgt Ion:164 Resp: 31729

Ion Ratio Lower Upper

164 100

162 104.1 82.0 123.0

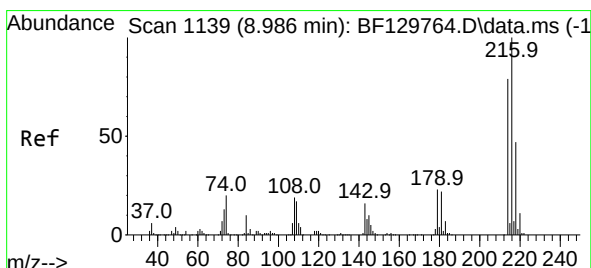
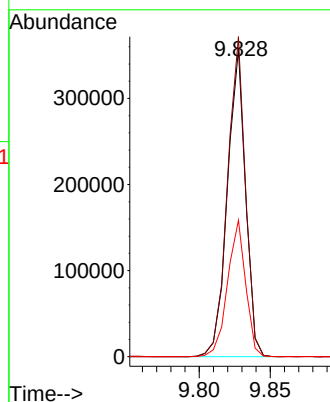
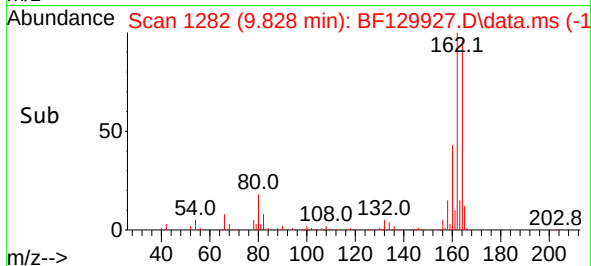
160 44.4 35.4 53.0

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: 50.135 ng

RT: 8.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

Tgt Ion:216 Resp: 442437

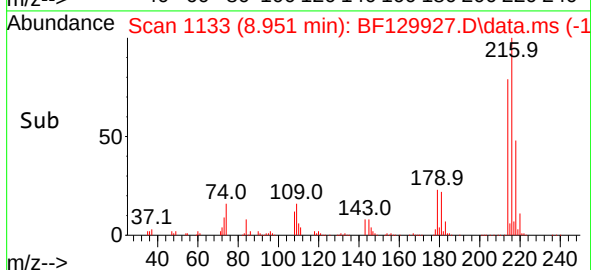
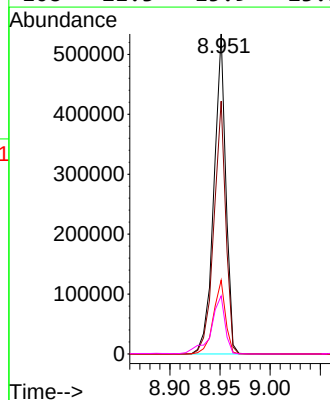
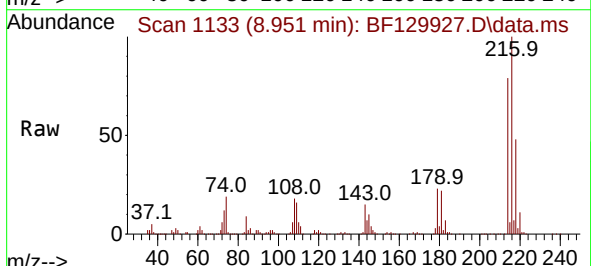
Ion Ratio Lower Upper

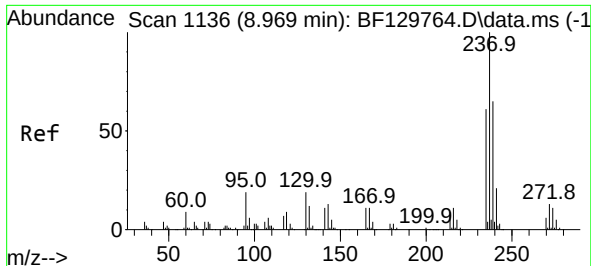
216 100

214 78.7 63.1 94.7

179 23.0 18.1 27.1

108 21.3 15.9 23.9





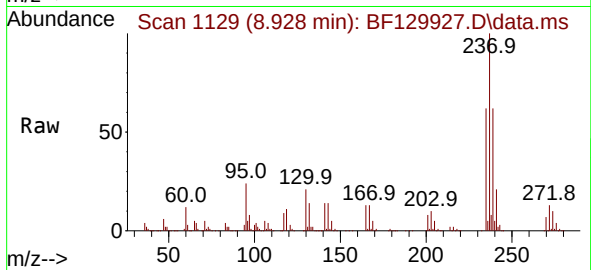
#41
Hexachlorocyclopentadiene
Concen: 95.000 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

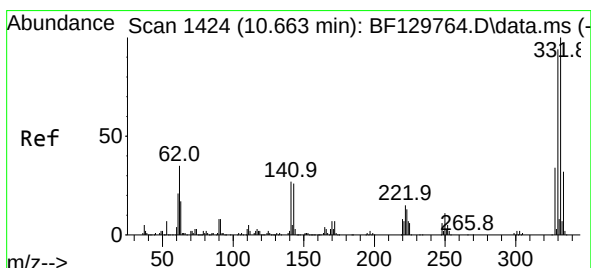
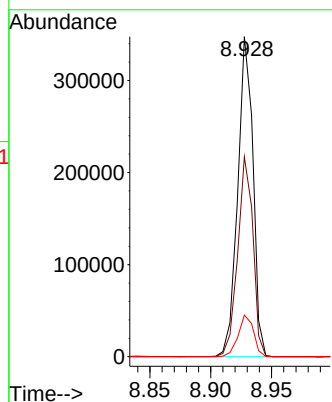
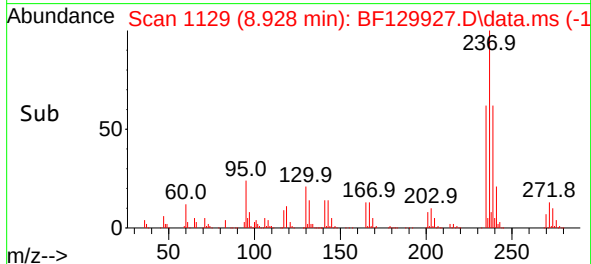


Tgt Ion:237 Resp: 303059
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 13.0 0.0 33.3

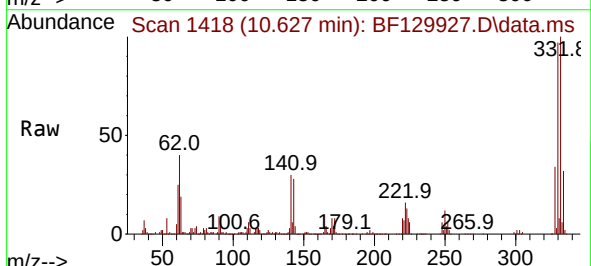
Manual Integrations

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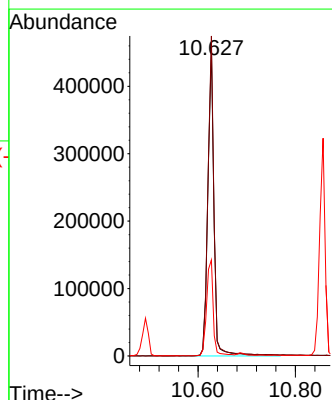
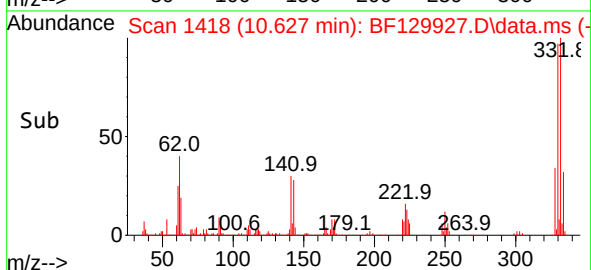
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

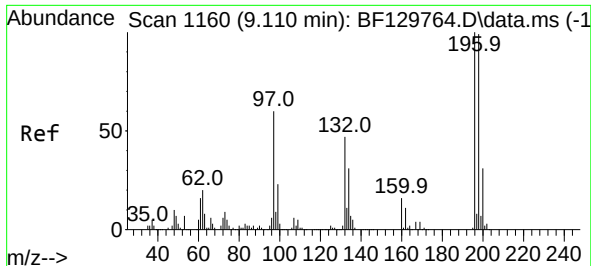


#42
2,4,6-Tribromophenol
Concen: 125.209 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



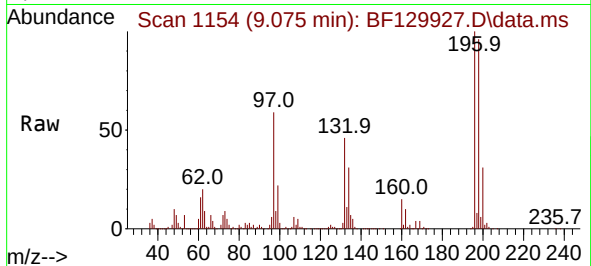
Tgt Ion:330 Resp: 398728
Ion Ratio Lower Upper
330 100
332 102.3 82.6 124.0
141 33.7 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 48.683 ng
RT: 9.075 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

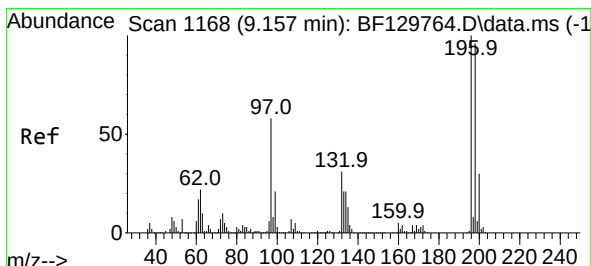
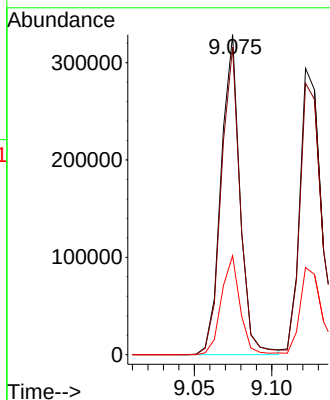
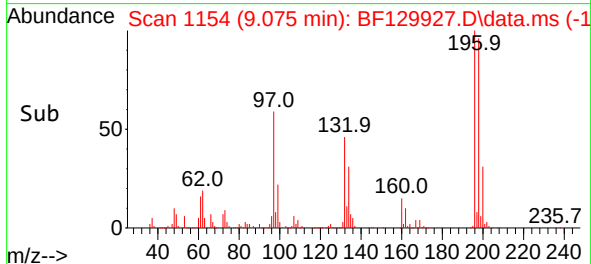
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



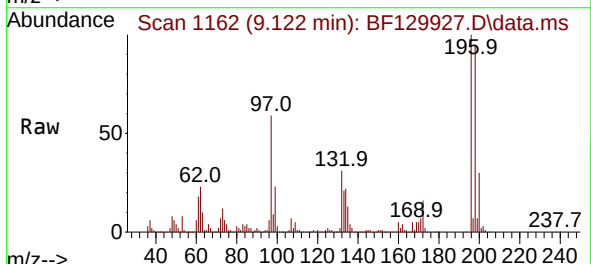
Tgt Ion:196 Resp: 279138
Ion Ratio Lower Upper
196 100
198 96.1 79.0 118.4
200 30.9 25.1 37.7

Manual Integrations
APPROVED

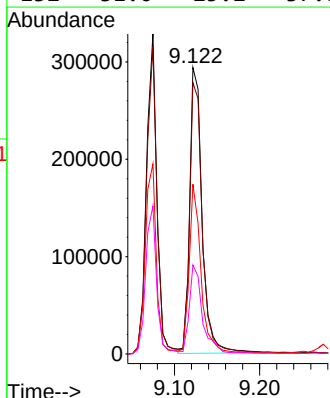
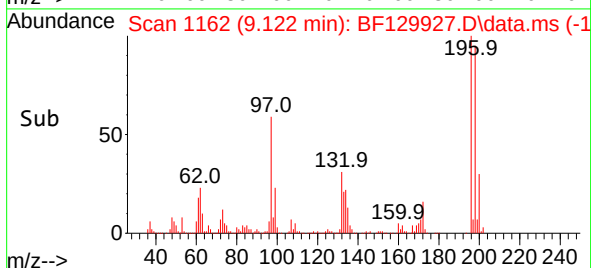
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

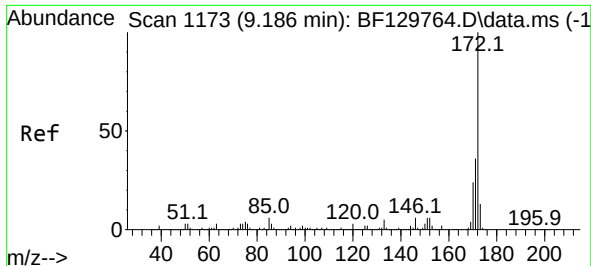


#44
2,4,5-Trichlorophenol
Concen: 48.267 ng
RT: 9.122 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



Tgt Ion:196 Resp: 297749
Ion Ratio Lower Upper
196 100
198 94.7 76.4 114.6
97 59.3 46.5 69.7
132 31.0 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 77.317 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

Tgt Ion:172 Resp: 1615230

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

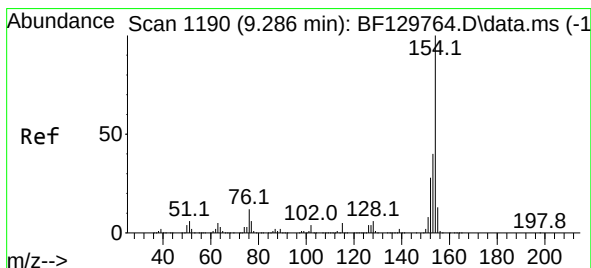
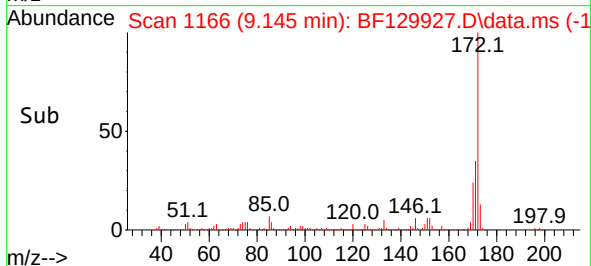
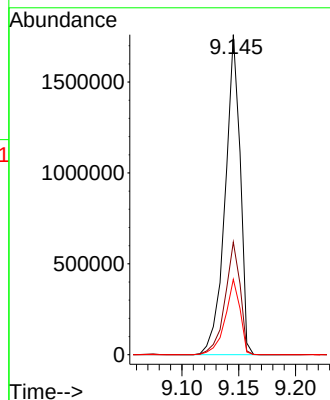
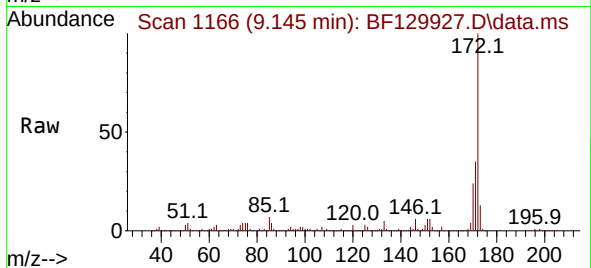
170 23.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#46

1,1'-Biphenyl

Concen: 50.090 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

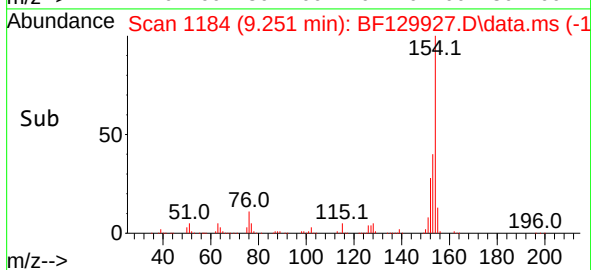
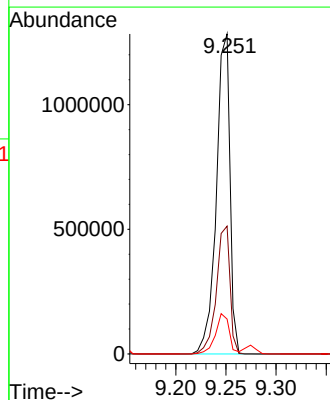
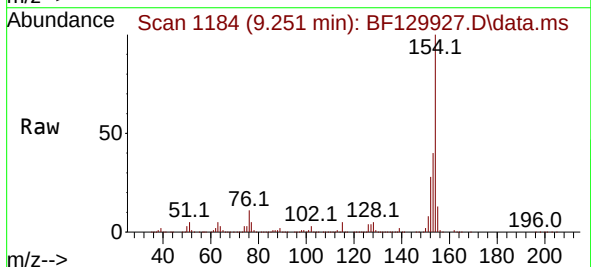
Tgt Ion:154 Resp: 1207402

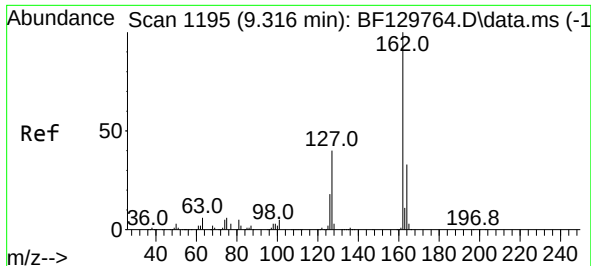
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

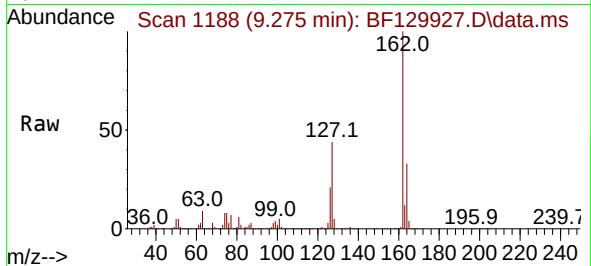
76 10.9 0.0 32.1





#47
2-Chloronaphthalene
Concen: 48.866 ng
RT: 9.275 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

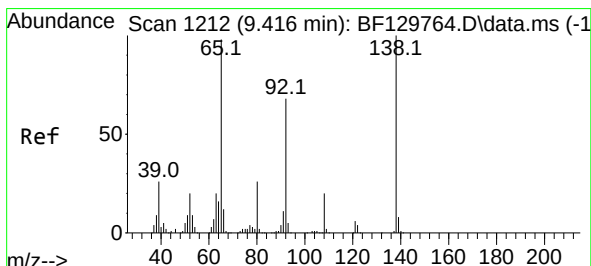
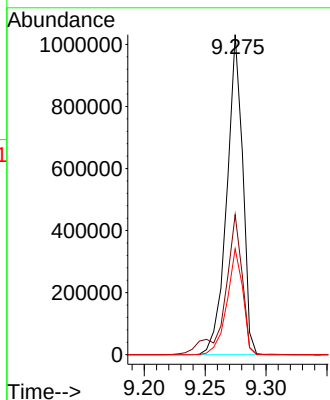
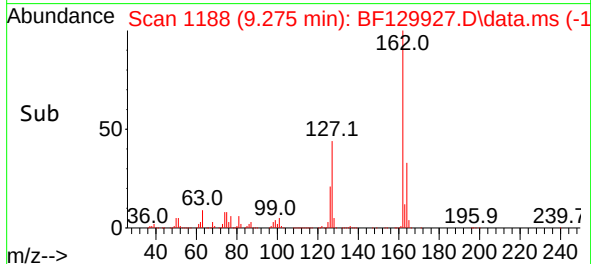
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



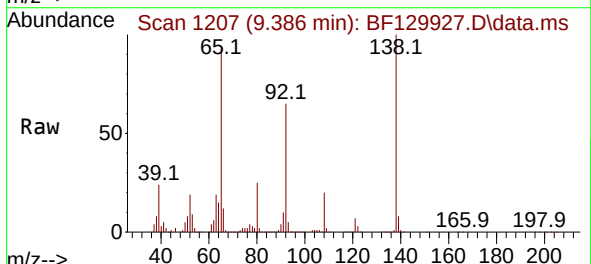
Tgt Ion: 162 Resp: 93198
Ion Ratio Lower Upper
162 100
127 43.8 33.1 49.7
164 33.1 26.7 40.1

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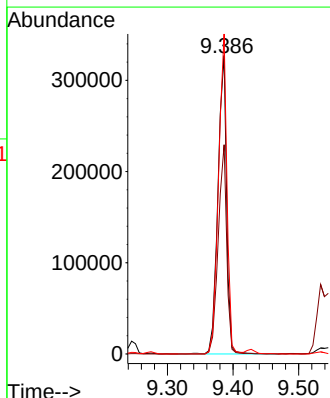
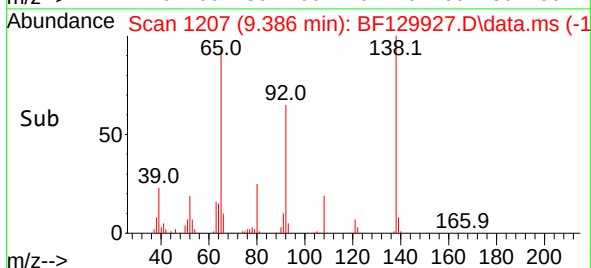
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

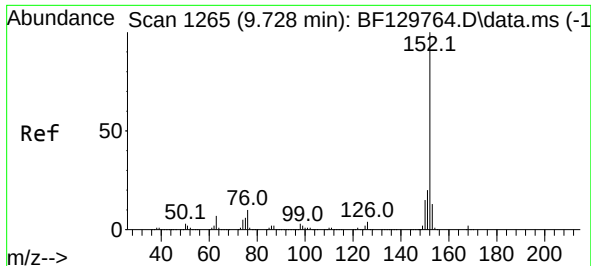


#48
2-Nitroaniline
Concen: 49.776 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



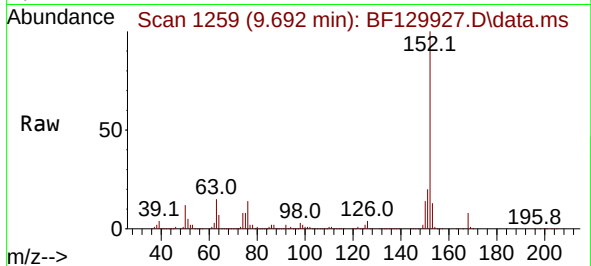
Tgt Ion: 65 Resp: 300009
Ion Ratio Lower Upper
65 100
92 70.1 55.0 82.4
138 107.2 81.3 121.9





#49
Acenaphthylene
Concen: 47.599 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

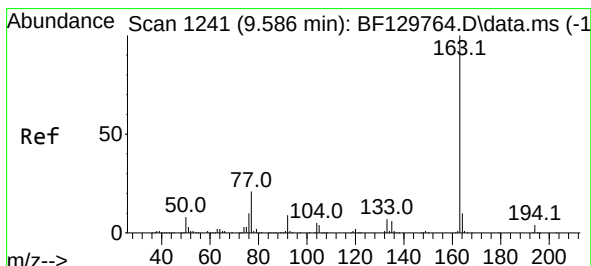
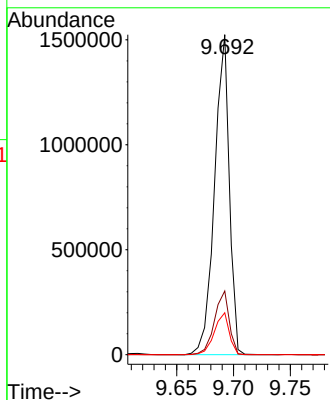
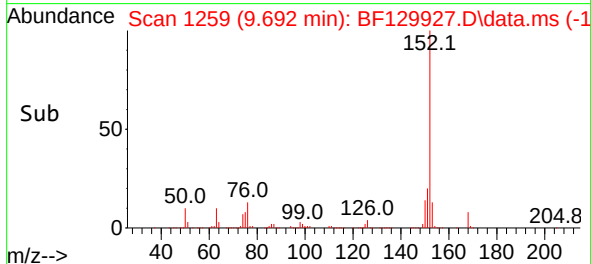
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



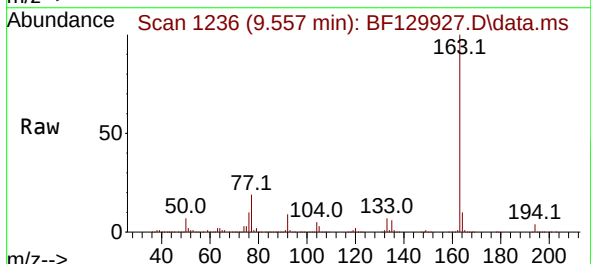
Tgt Ion:152 Resp: 1376634
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.6 16.0

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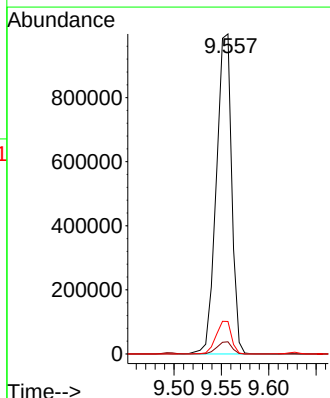
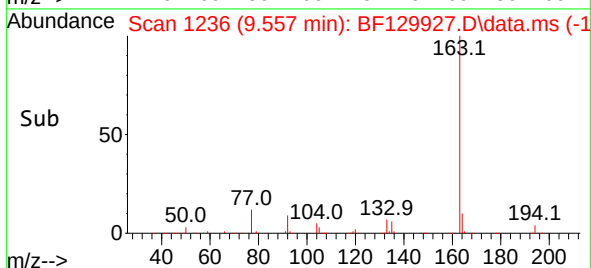
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

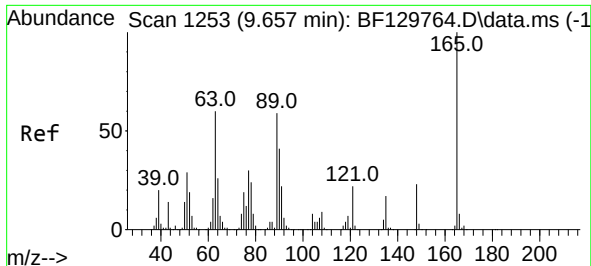


#50
Dimethylphthalate
Concen: 49.581 ng
RT: 9.557 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



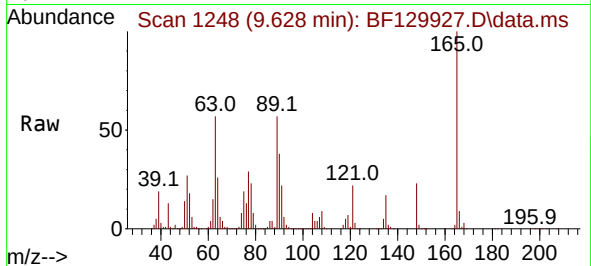
Tgt Ion:163 Resp: 1127744
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.473 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

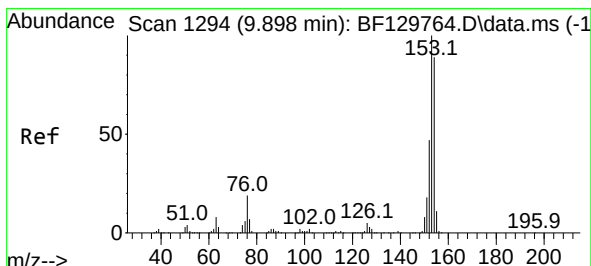
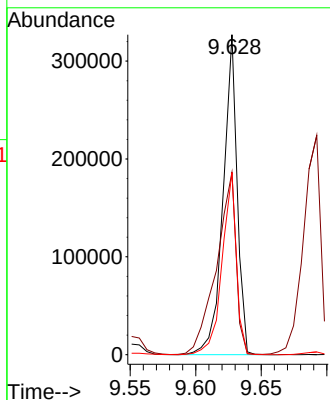
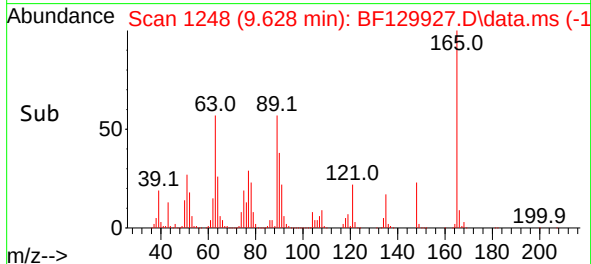
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



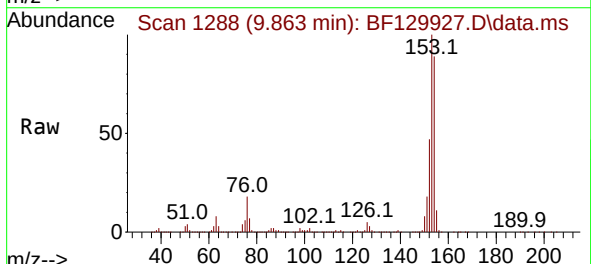
Tgt Ion:165 Resp: 24410
Ion Ratio Lower Upper
165 100
63 57.0 47.8 71.8
89 57.0 47.2 70.8

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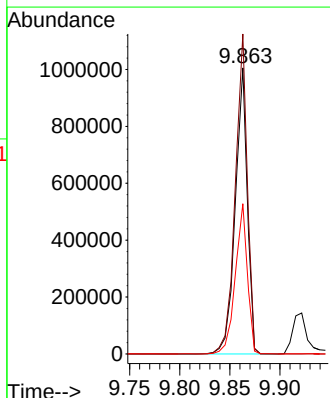
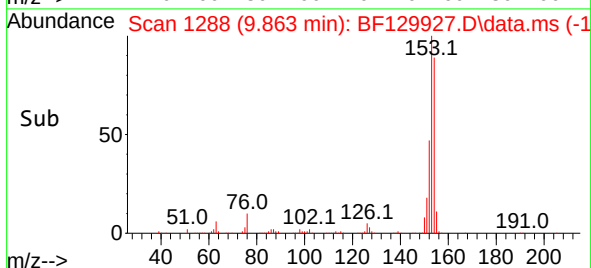
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

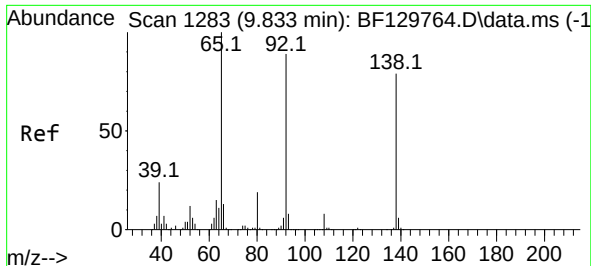


#52
Acenaphthene
Concen: 48.172 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



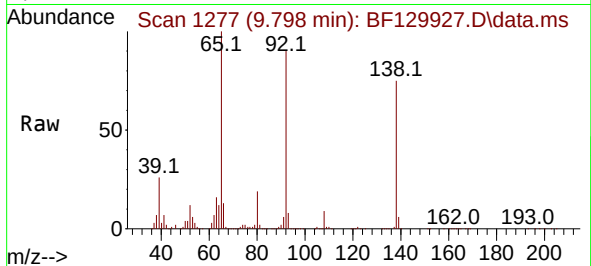
Tgt Ion:154 Resp: 845261
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 52.5 42.1 63.1





#53
3-Nitroaniline
Concen: 31.968 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

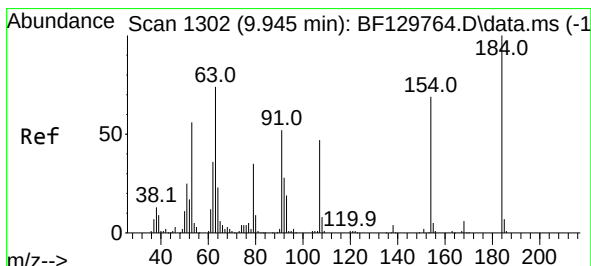
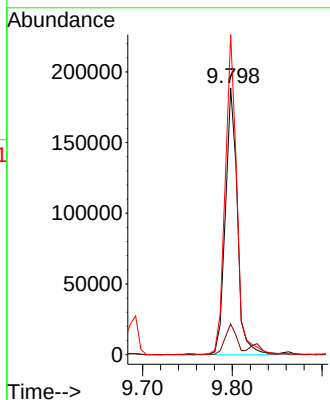
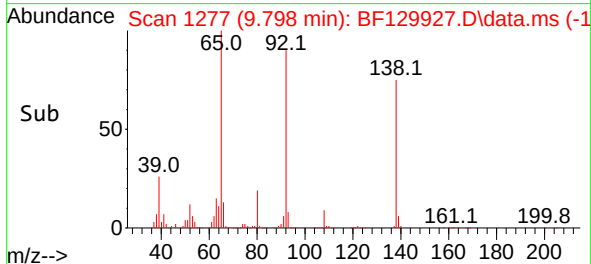
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



Tgt Ion:138 Resp: 17443
Ion Ratio Lower Upper
138 100
108 11.5 8.4 12.6
92 120.0 89.8 134.8

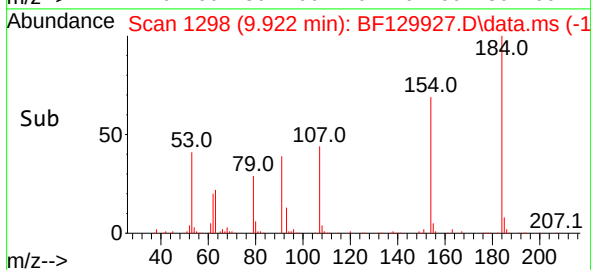
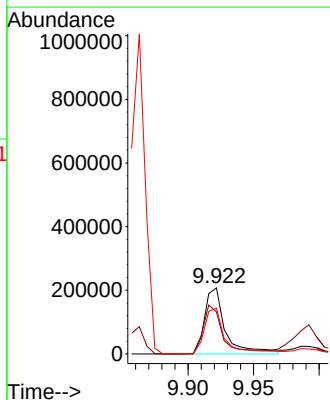
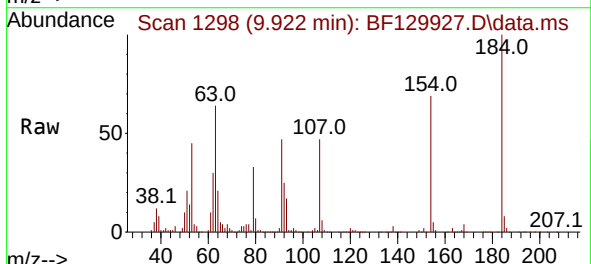
Manual Integrations
APPROVED

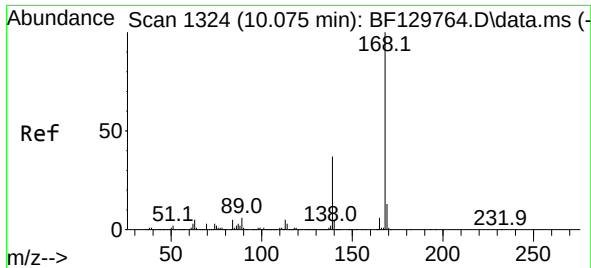
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 101.864 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Tgt Ion:184 Resp: 230819
Ion Ratio Lower Upper
184 100
63 63.7 59.6 89.4
154 69.3 55.3 82.9





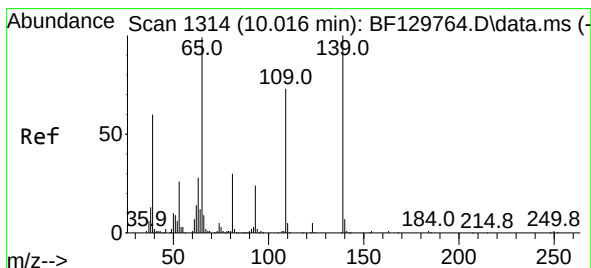
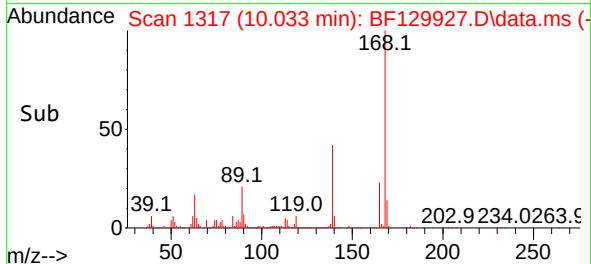
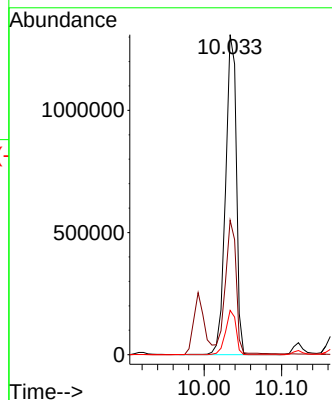
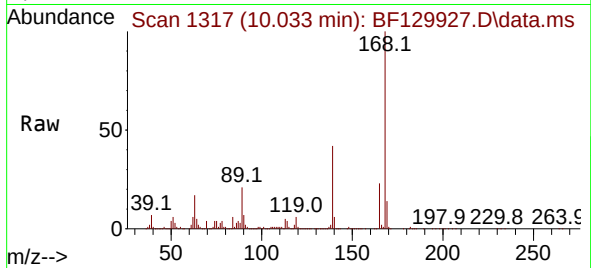
#55
Dibenzenofuran
Concen: 47.924 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD

Tgt Ion:168 Resp: 126334
Ion Ratio Lower Upper
168 100
139 42.0 31.3 46.9
169 13.9 10.7 16.1

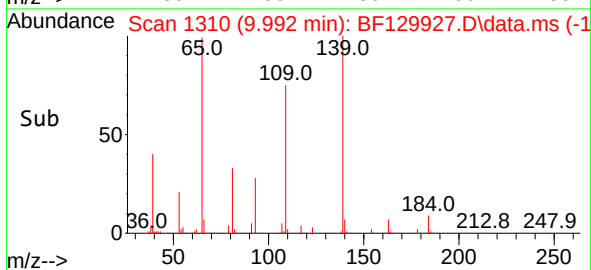
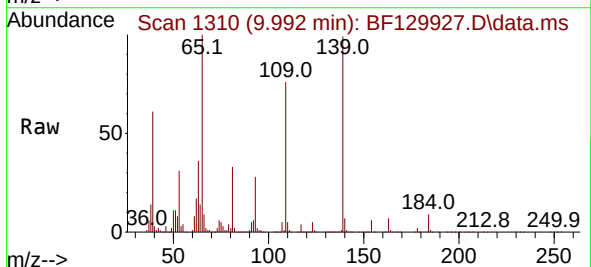
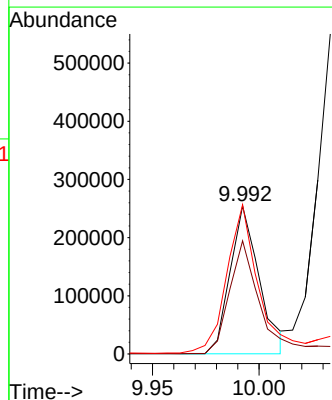
Manual Integrations
APPROVED

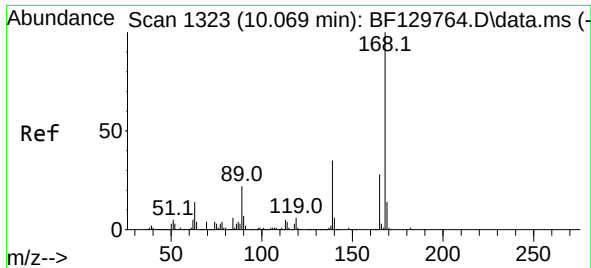
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#56
4-Nitrophenol
Concen: 99.491 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

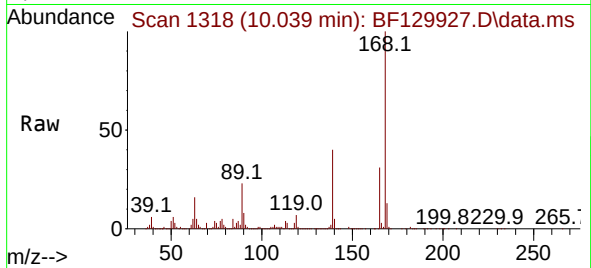
Tgt Ion:139 Resp: 241514
Ion Ratio Lower Upper
139 100
109 76.5 52.9 92.9
65 100.9 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 49.151 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

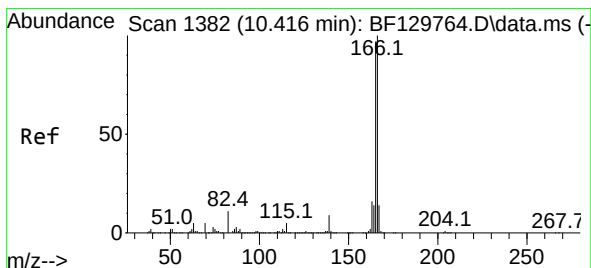
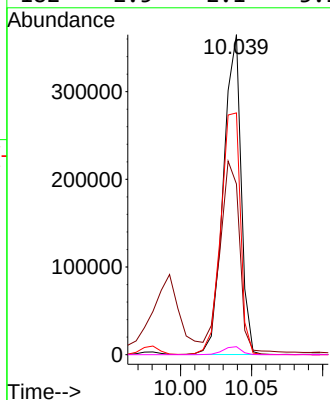
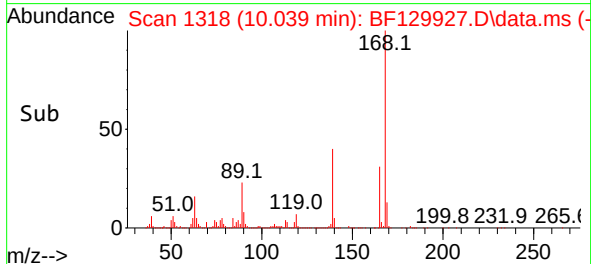
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



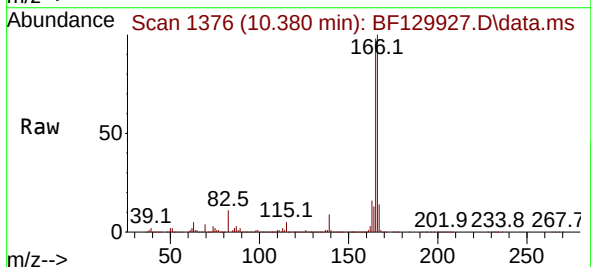
Tgt Ion:165 Resp: 314814
Ion Ratio Lower Upper
165 100
63 53.4 48.4 72.6
89 75.5 62.3 93.5
182 2.5 2.1 3.1

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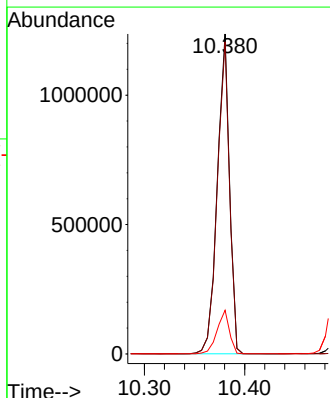
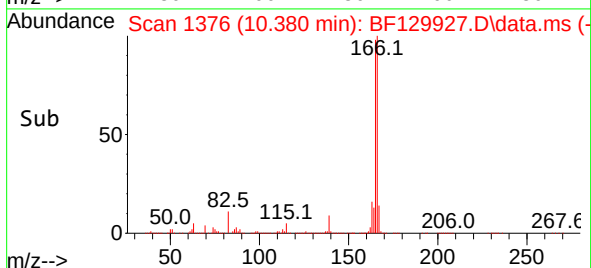
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

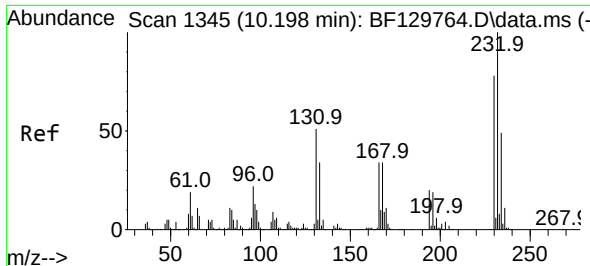


#58
Fluorene
Concen: 47.376 ng
RT: 10.380 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



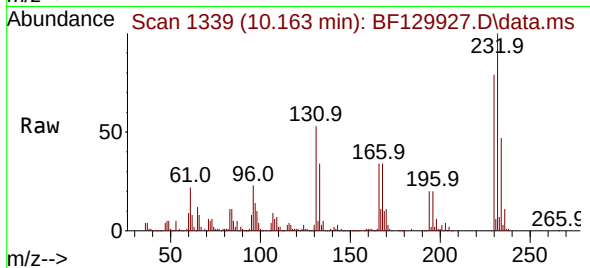
Tgt Ion:166 Resp: 1042774
Ion Ratio Lower Upper
166 100
165 97.6 77.9 116.9
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.159 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

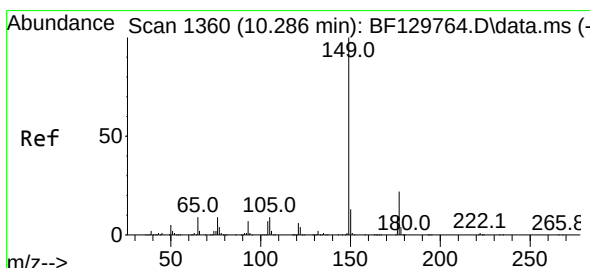
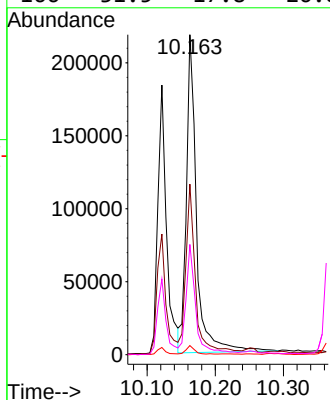
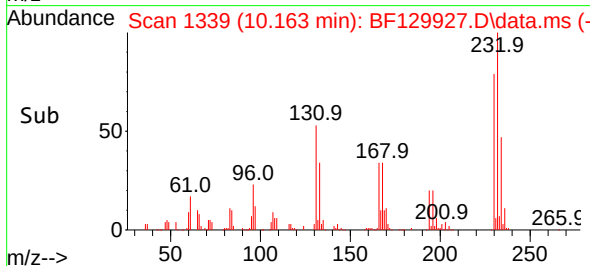
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



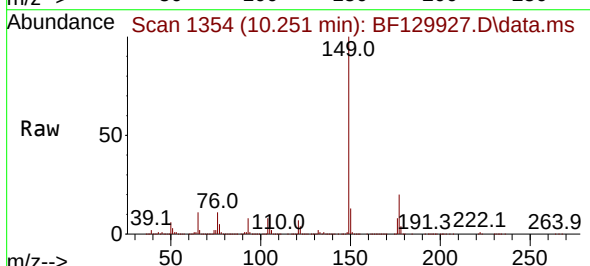
Tgt Ion:232 Resp: 22254
Ion Ratio Lower Upper
232 100
131 48.4 29.9 44.9
130 2.8 1.5 2.3
166 31.5 17.8 26.8

Manual Integrations
APPROVED

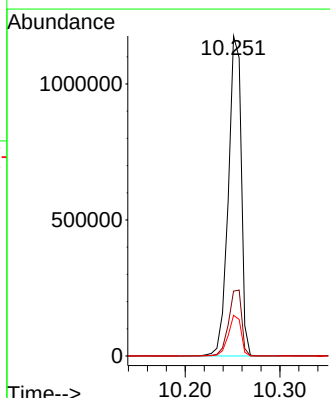
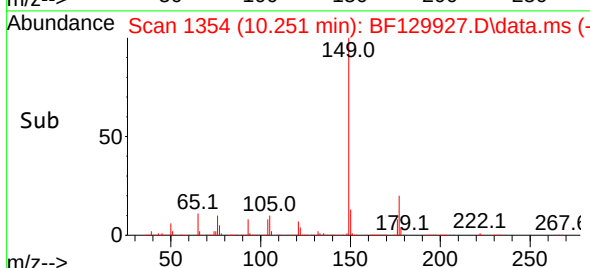
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

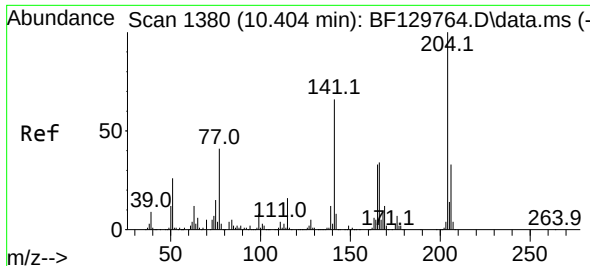


#60
Diethylphthalate
Concen: 49.076 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



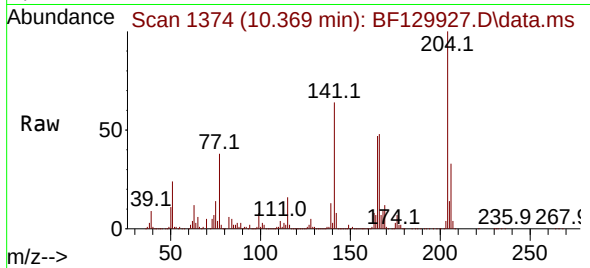
Tgt Ion:149 Resp: 1113027
Ion Ratio Lower Upper
149 100
177 20.3 17.7 26.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.453 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

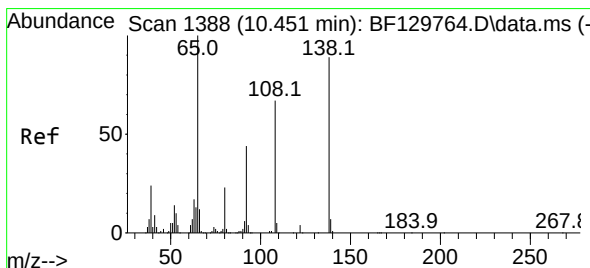
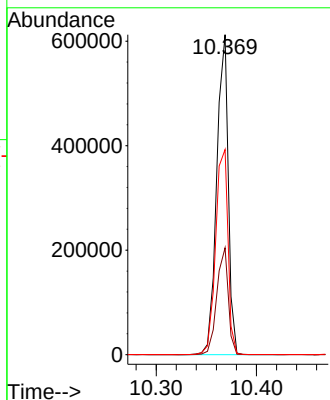
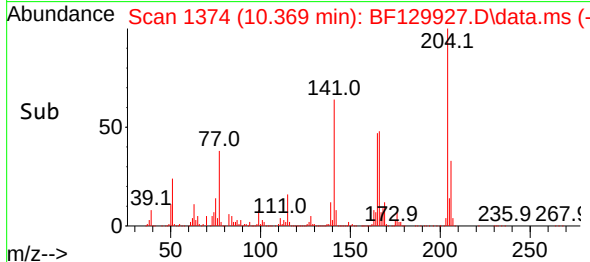
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



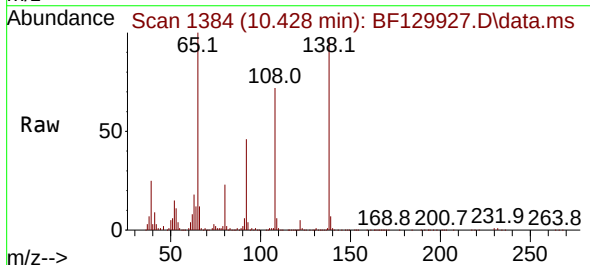
Tgt Ion:204 Resp: 488475
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 64.1 52.6 79.0

Manual Integrations
APPROVED

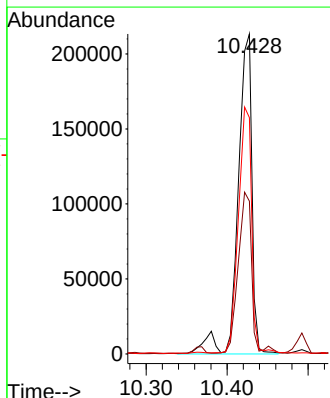
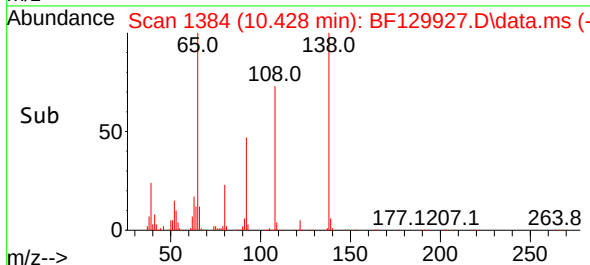
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

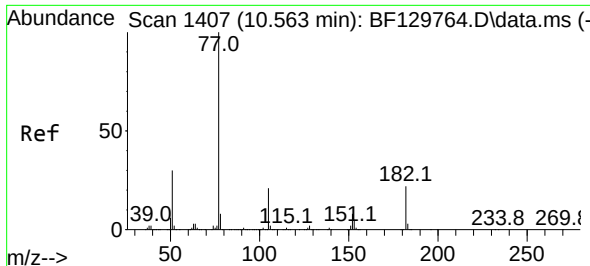


#62
4-Nitroaniline
Concen: 46.193 ng m
RT: 10.428 min Scan# 1384
Delta R.T. 0.018 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



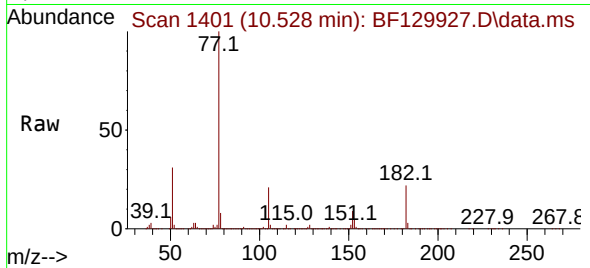
Tgt Ion:138 Resp: 254280
Ion Ratio Lower Upper
138 100
92 47.8 30.3 70.3
108 73.9 55.7 95.7





#63
Azobenzene
Concen: 48.643 ng
RT: 10.528 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

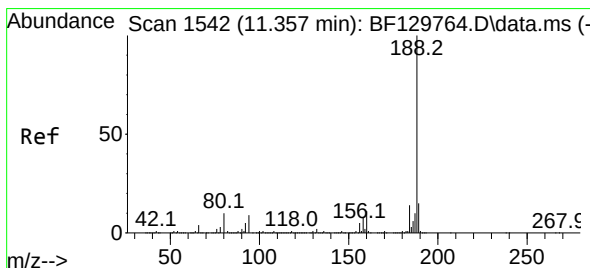
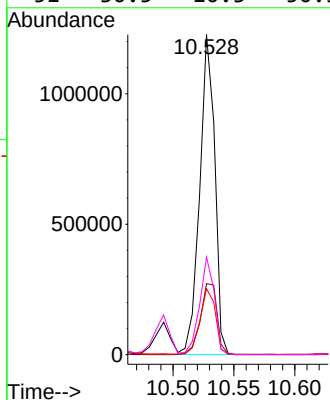
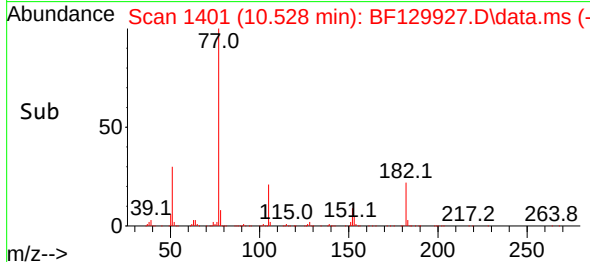
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



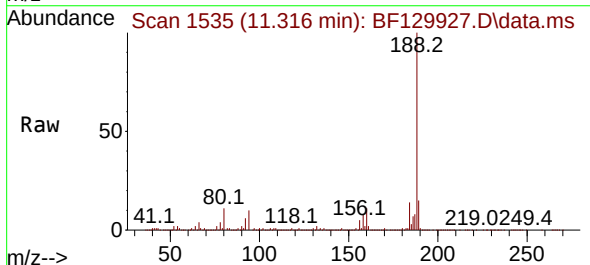
Tgt Ion: 77 Resp: 105451
Ion Ratio Lower Upper
77 100
182 22.2 2.2 42.2
105 20.6 0.8 40.8
51 30.5 10.3 50.3

Manual Integrations
APPROVED

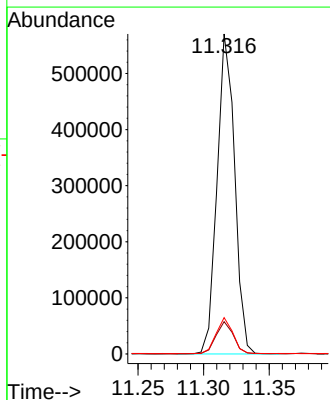
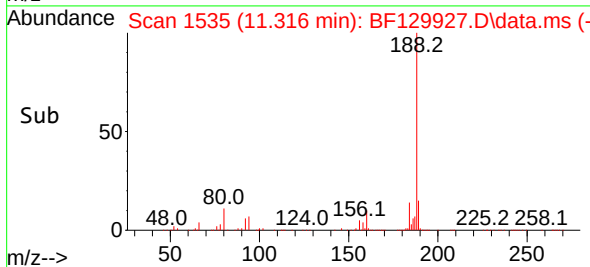
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

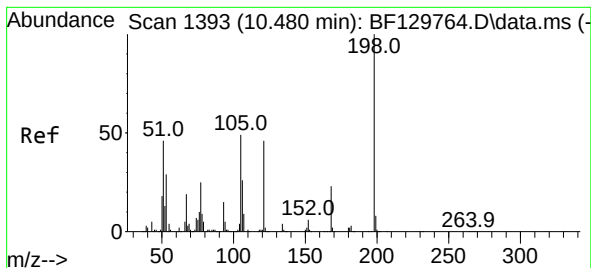


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



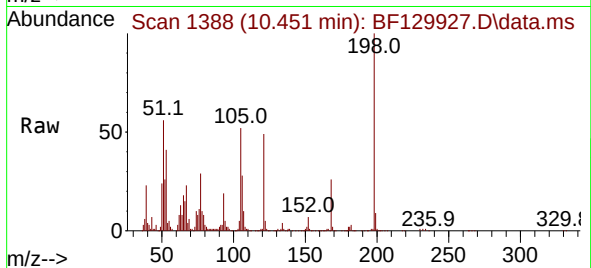
Tgt Ion:188 Resp: 529730
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 52.342 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

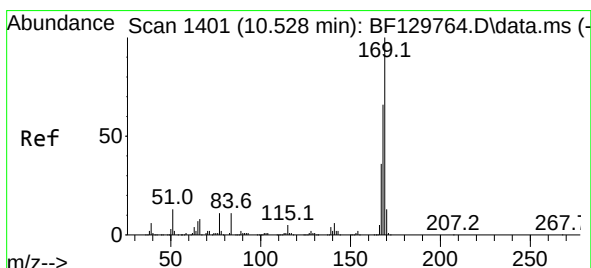
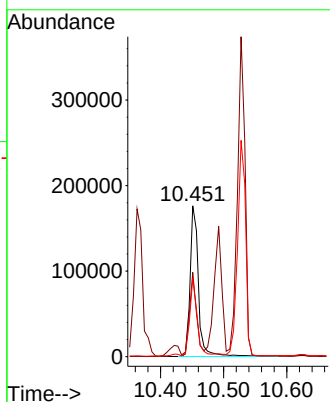
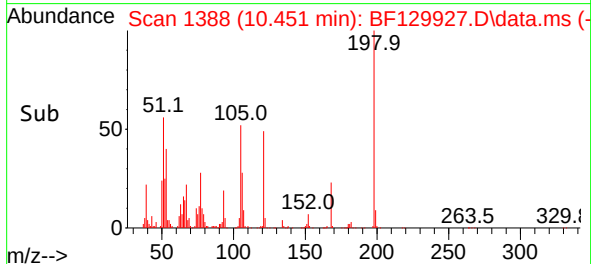
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



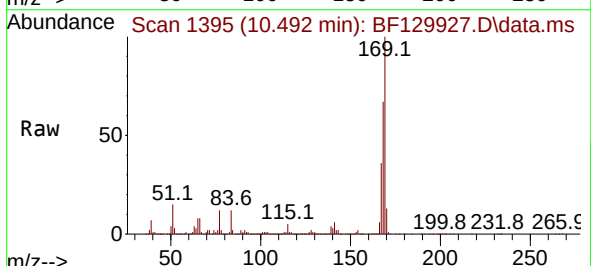
Tgt Ion:198 Resp: 162774
Ion Ratio Lower Upper
198 100
51 56.0 29.4 69.4
105 52.0 29.2 69.2

Manual Integrations
APPROVED

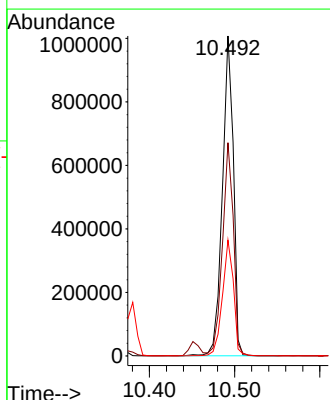
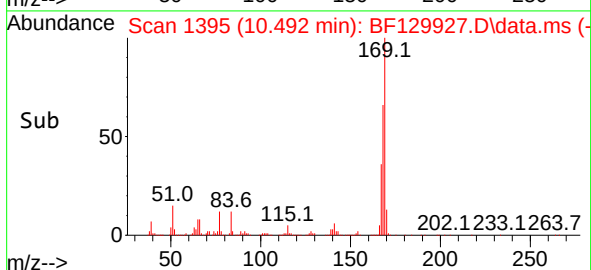
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

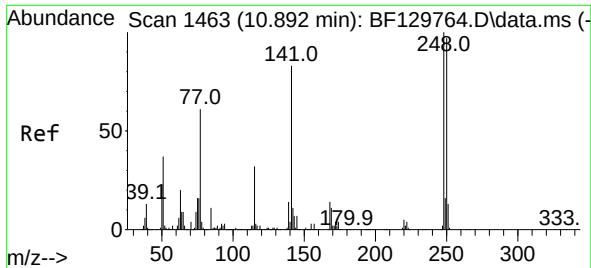


#66
n-Nitrosodiphenylamine
Concen: 50.347 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



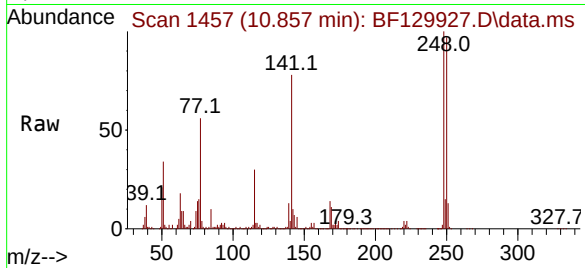
Tgt Ion:169 Resp: 900185
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.2 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 51.098 ng
RT: 10.857 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

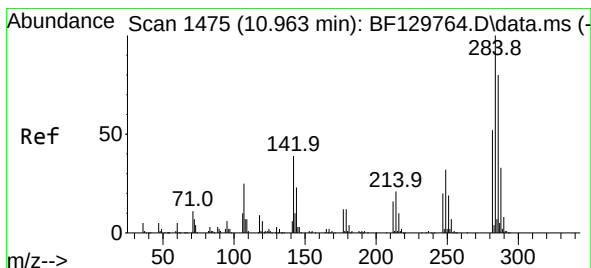
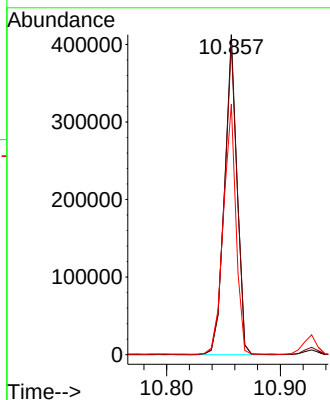
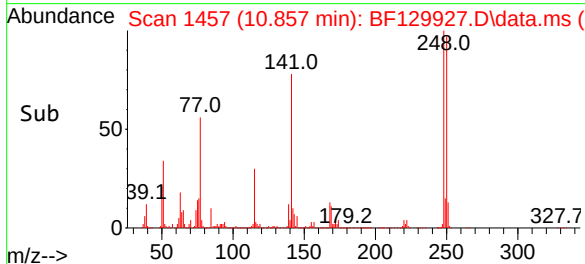
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



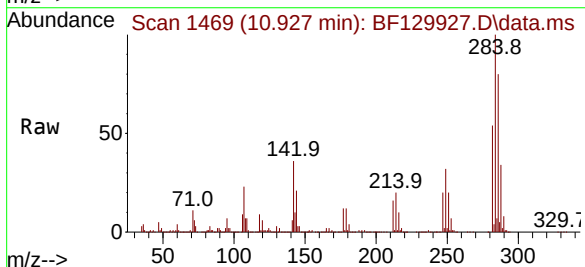
Tgt Ion:248 Resp: 31703
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 78.3 66.2 99.2

Manual Integrations
APPROVED

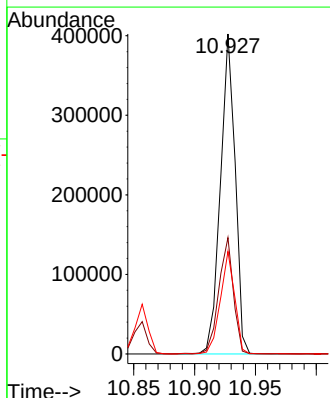
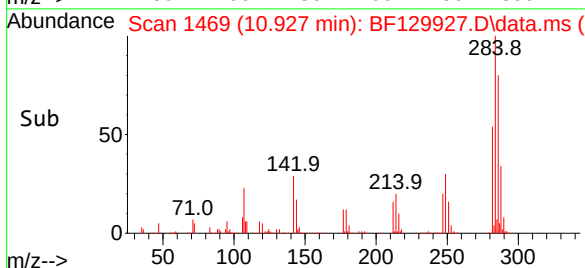
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

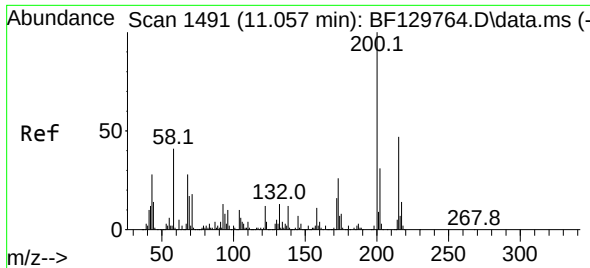


#68
Hexachlorobenzene
Concen: 50.450 ng
RT: 10.927 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



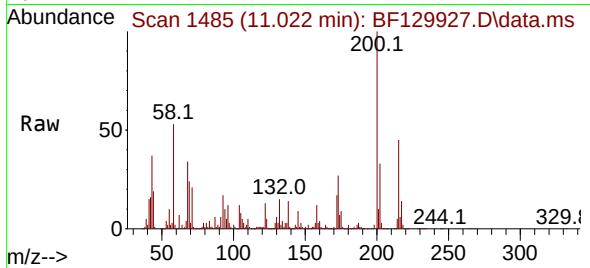
Tgt Ion:284 Resp: 339070
Ion Ratio Lower Upper
284 100
142 36.4 31.4 47.0
249 32.0 25.7 38.5





#69
Atrazine
Concen: 54.568 ng
RT: 11.022 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

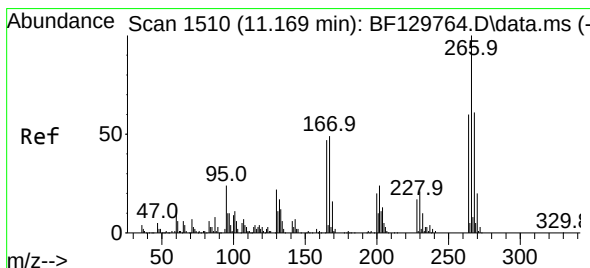
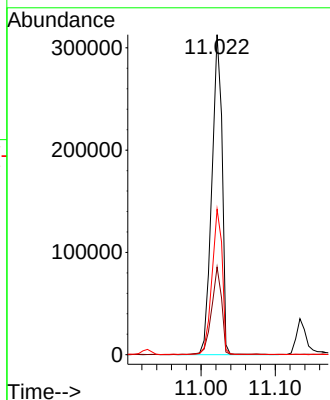
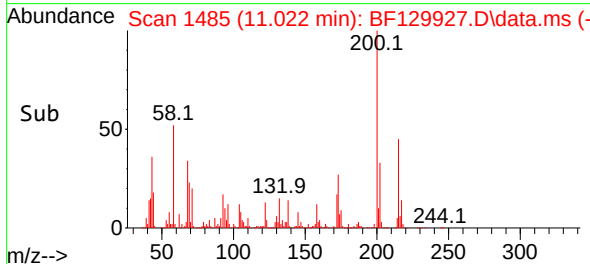
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



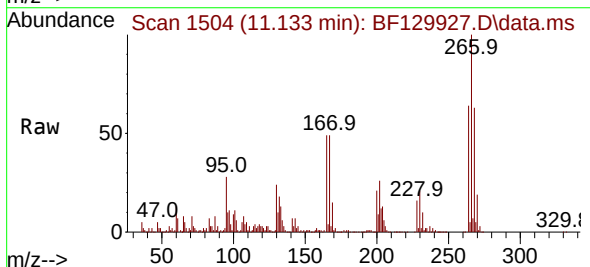
Tgt Ion:200 Resp: 299449
Ion Ratio Lower Upper
200 100
173 27.4 6.4 46.4
215 45.4 27.1 67.1

Manual Integrations
APPROVED

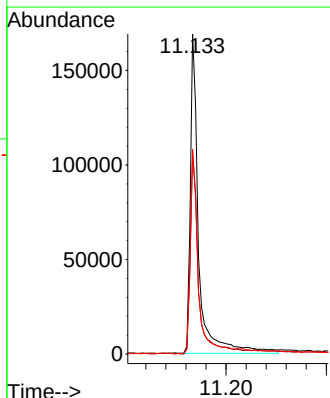
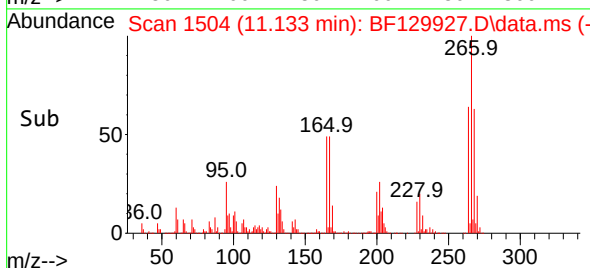
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

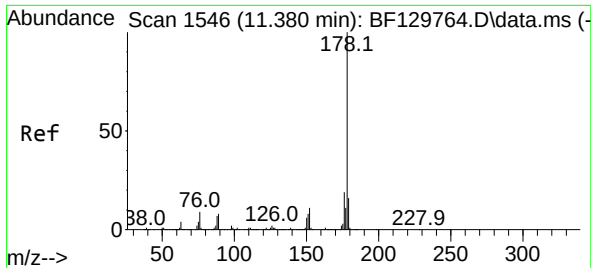


#70
Pentachlorophenol
Concen: 96.884 ng
RT: 11.133 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



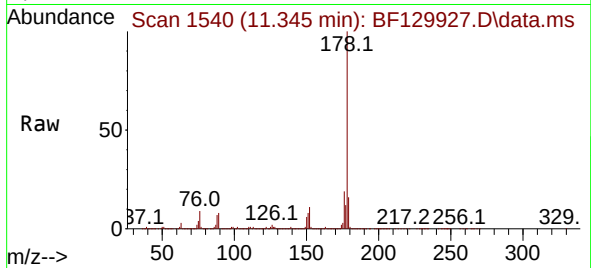
Tgt Ion:266 Resp: 197540
Ion Ratio Lower Upper
266 100
268 62.9 49.0 73.4
264 63.9 47.9 71.9





#71
Phenanthrene
Concen: 48.940 ng
RT: 11.345 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

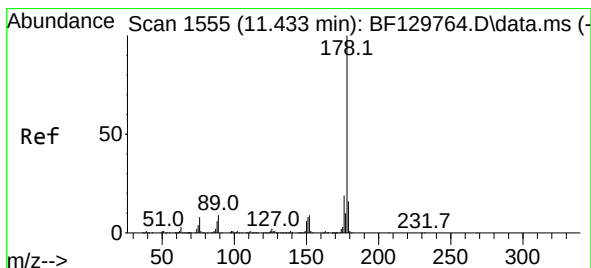
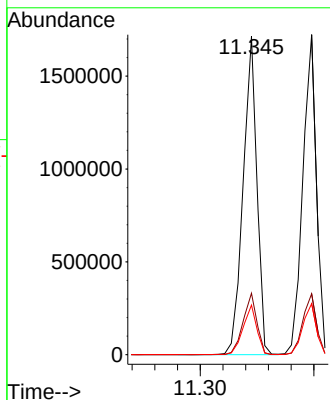
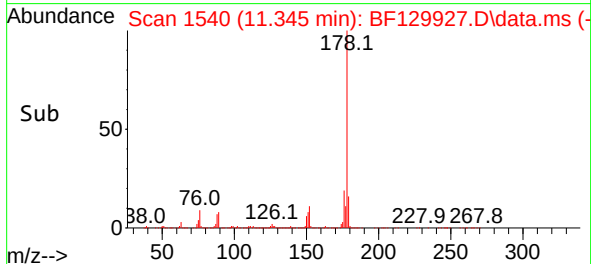
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



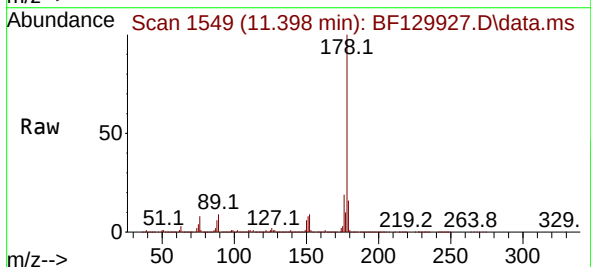
Tgt Ion:178 Resp: 1447908
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.5 18.7

Manual Integrations
APPROVED

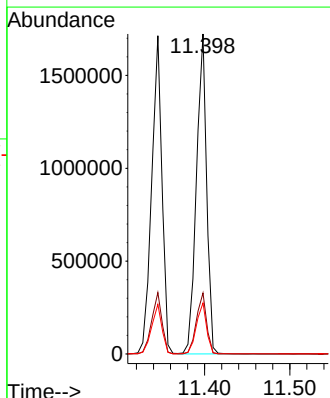
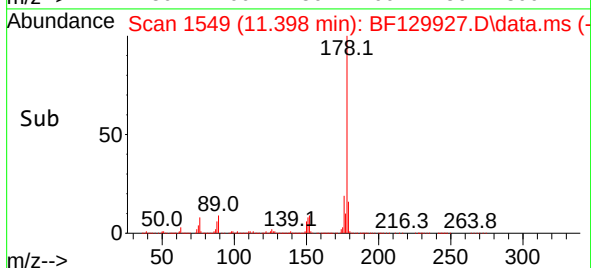
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

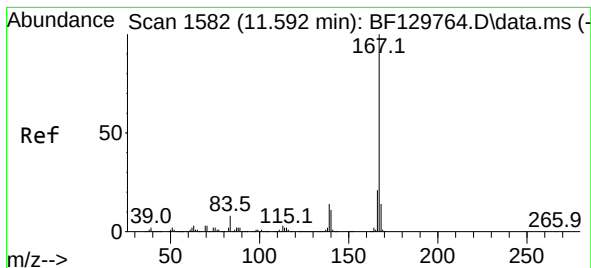


#72
Anthracene
Concen: 48.858 ng
RT: 11.398 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



Tgt Ion:178 Resp: 1437462
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.0 12.6 18.8





#73

Carbazole

Concen: 49.160 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

Tgt Ion:167 Resp: 1312944

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

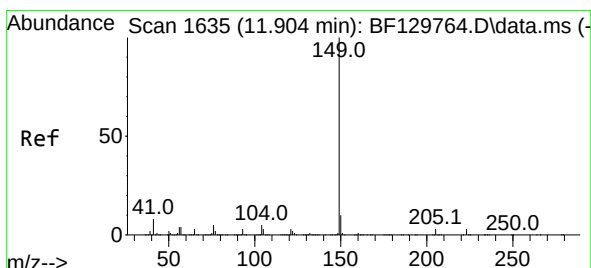
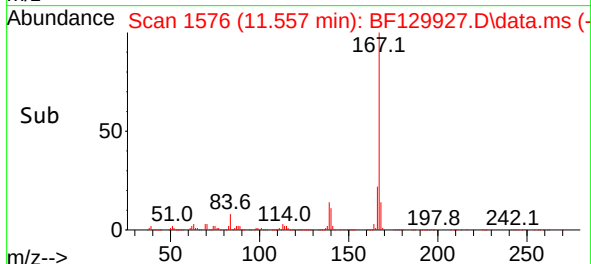
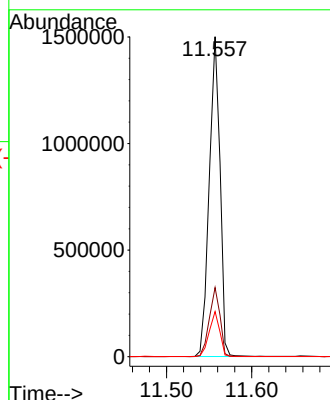
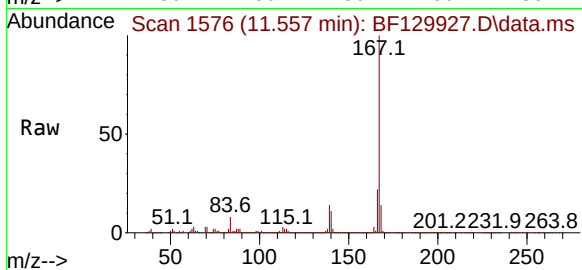
139 14.1 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#74

Di-n-butylphthalate

Concen: 50.168 ng

RT: 11.869 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

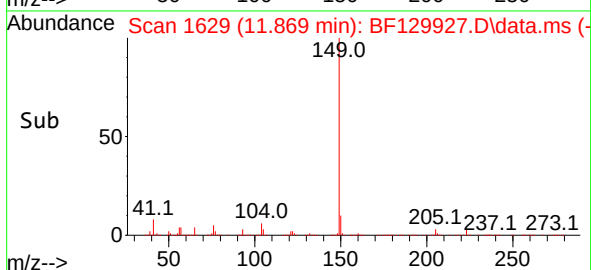
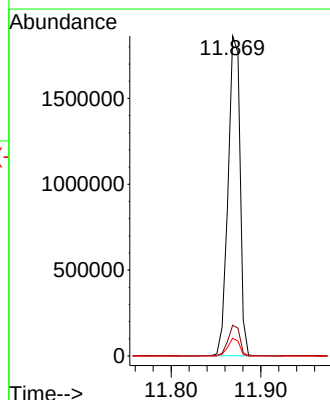
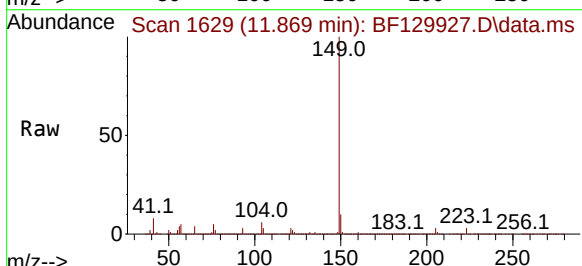
Tgt Ion:149 Resp: 1724392

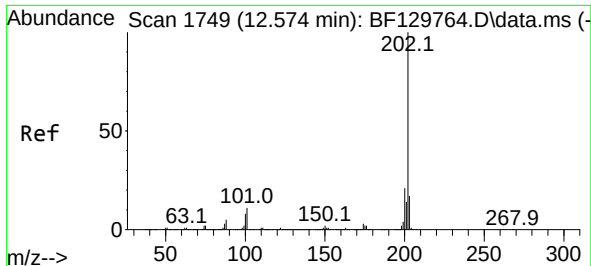
Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

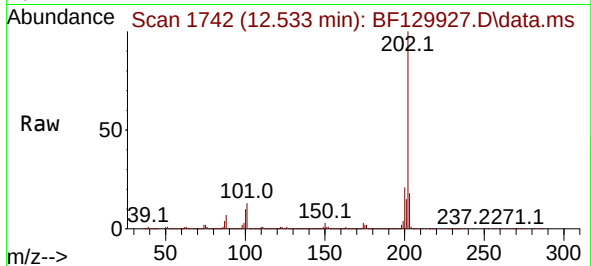
104 5.6 4.2 6.4





#75
Fluoranthene
Concen: 46.704 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

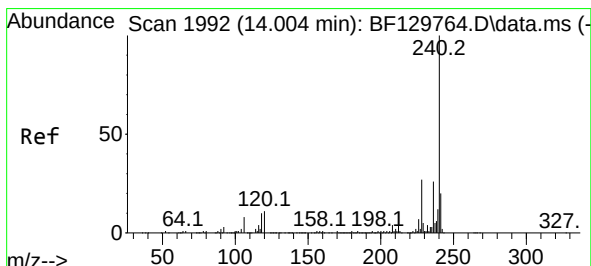
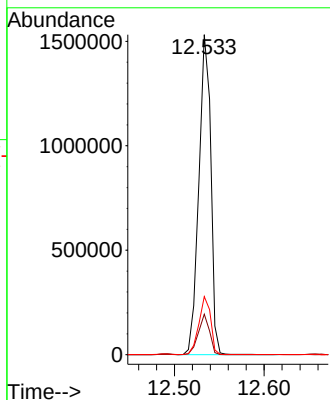
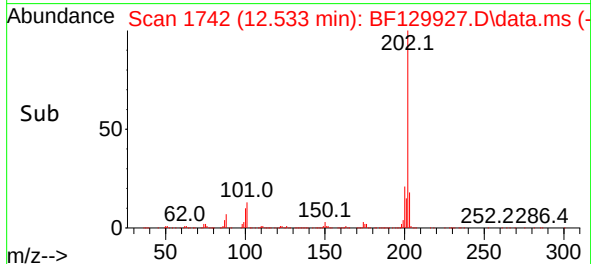
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



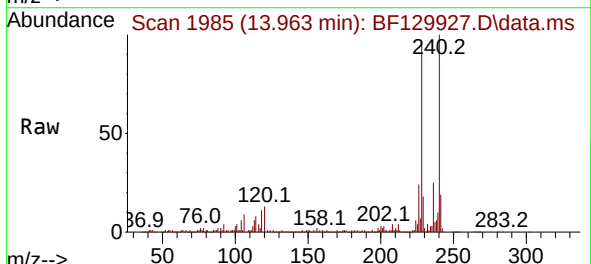
Tgt Ion:202 Resp: 141394
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.7
203 18.2 0.0 37.5

Manual Integrations
APPROVED

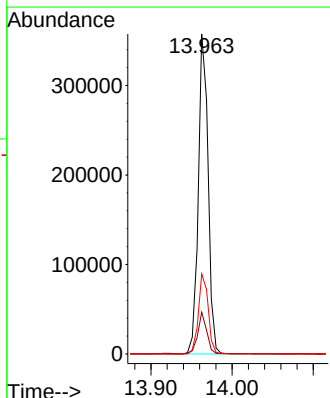
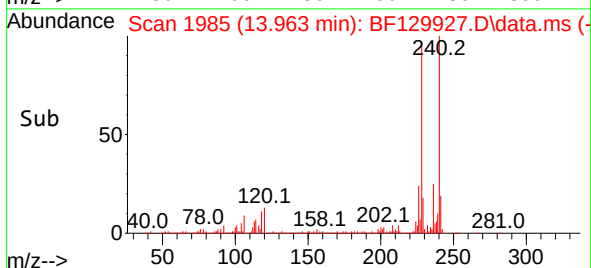
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

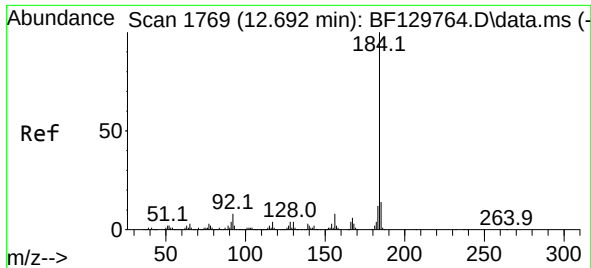


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



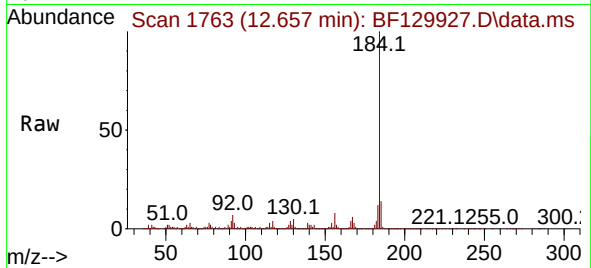
Tgt Ion:240 Resp: 300538
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.0 20.7 31.1





#77
Benzidine
Concen: 62.017 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

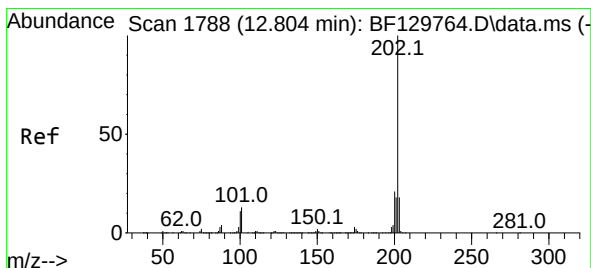
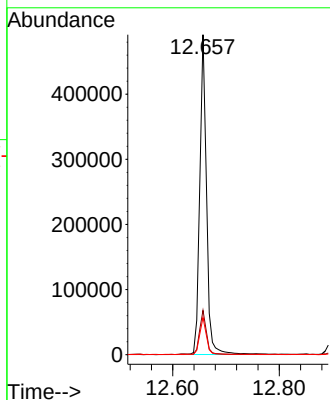
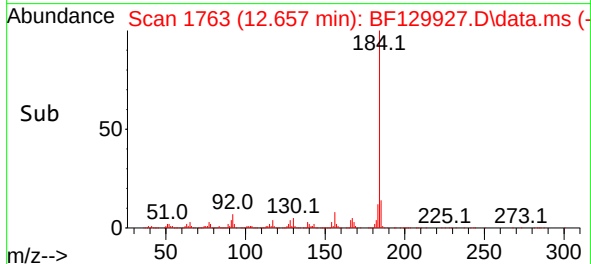
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



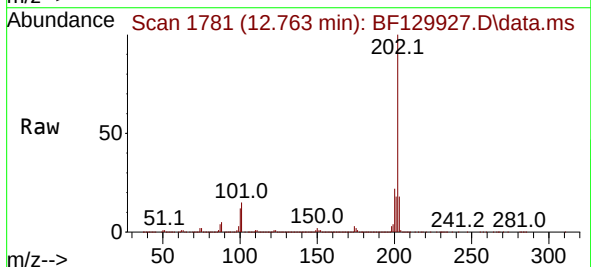
Tgt Ion:184 Resp: 432745
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.6 9.4 14.2

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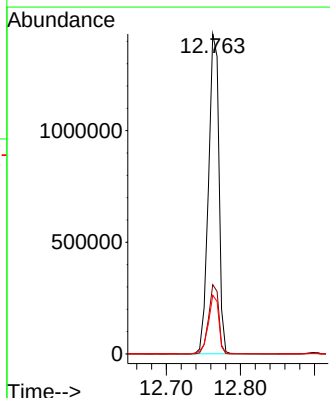
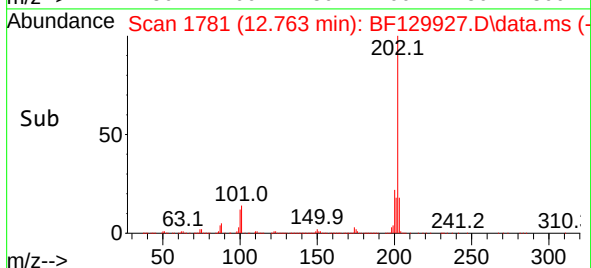
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

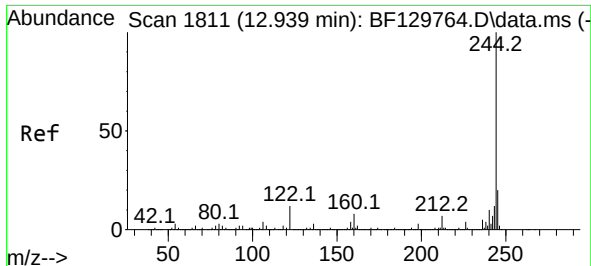


#78
Pyrene
Concen: 53.520 ng
RT: 12.763 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



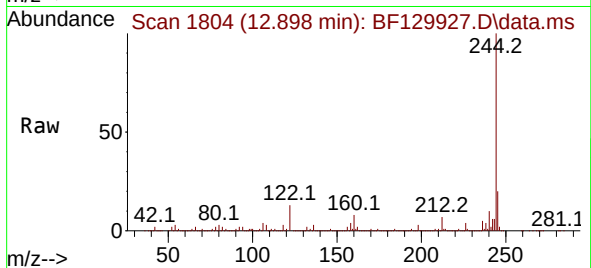
Tgt Ion:202 Resp: 1397754
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 18.4 14.1 21.1





#79
Terphenyl-d14
Concen: 89.490 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

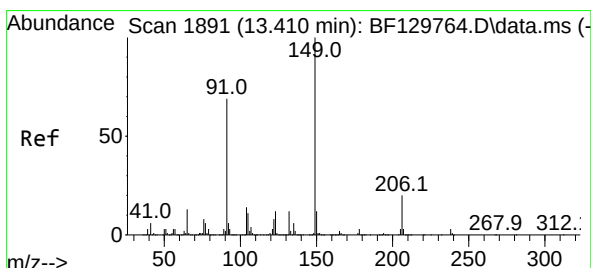
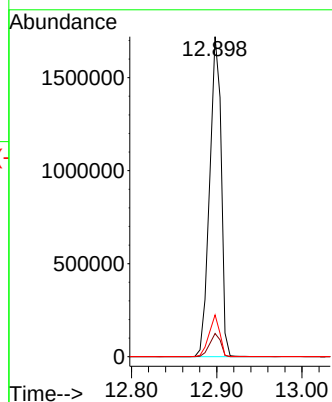
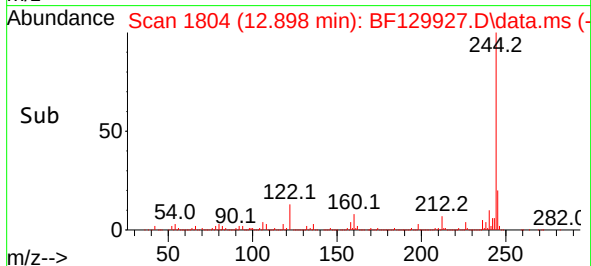
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



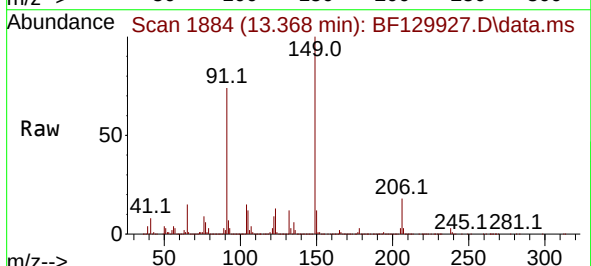
Tgt Ion:244 Resp: 1616354
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 13.1 9.9 14.9

Manual Integrations
APPROVED

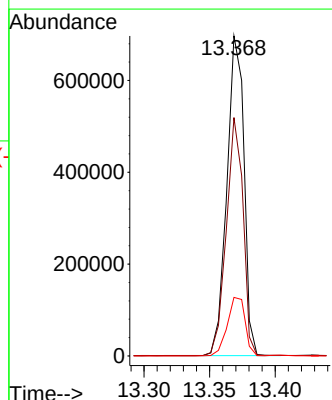
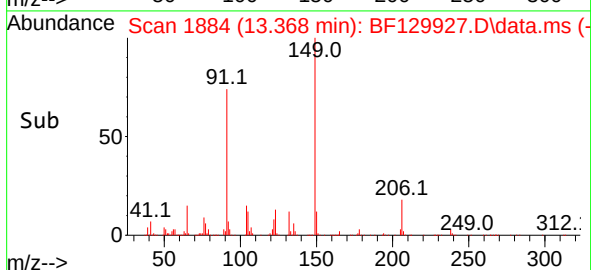
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

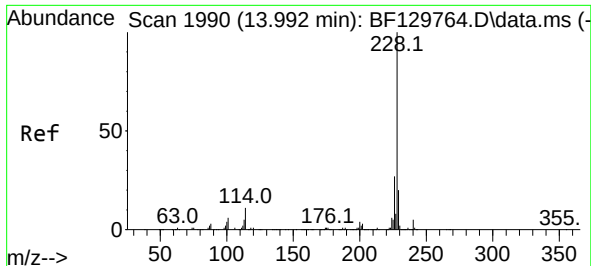


#80
Butylbenzylphthalate
Concen: 57.177 ng
RT: 13.368 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



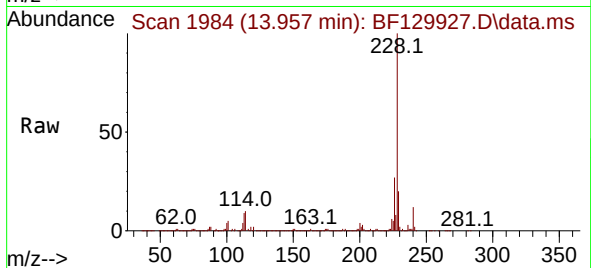
Tgt Ion:149 Resp: 631869
Ion Ratio Lower Upper
149 100
91 74.5 55.4 83.0
206 18.3 15.8 23.6





#81
Benzo(a)anthracene
Concen: 48.552 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

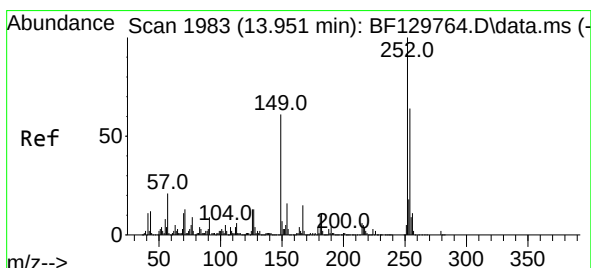
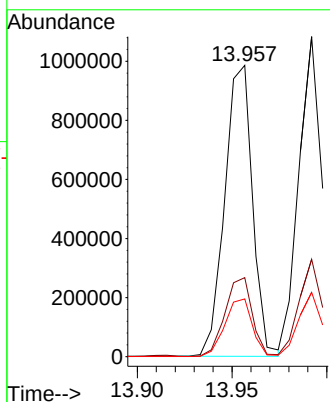
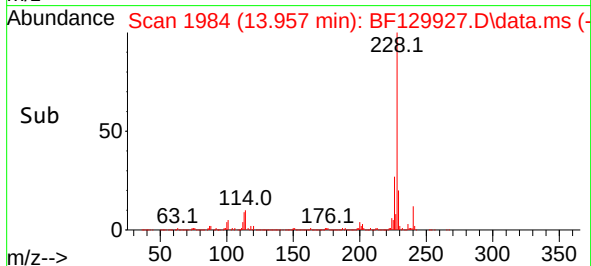
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



Tgt Ion:228 Resp: 1003770
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.8 16.1 24.1

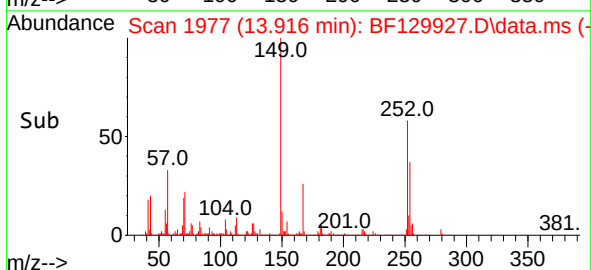
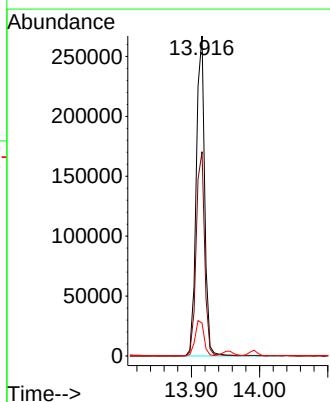
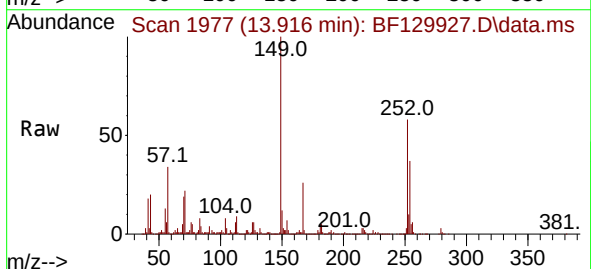
Manual Integrations
APPROVED

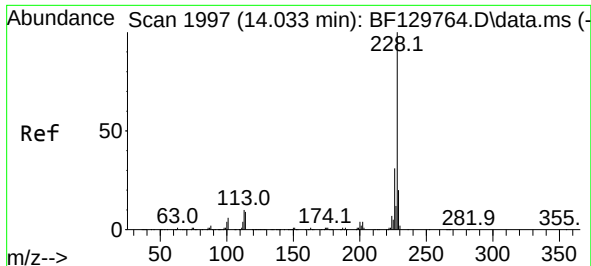
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.784 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

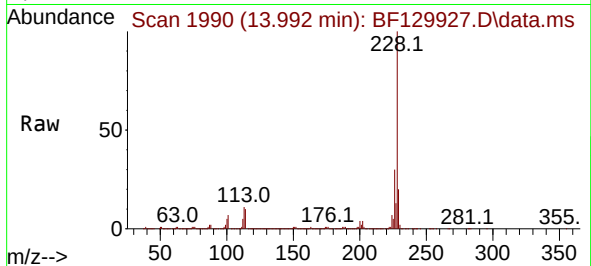
Tgt Ion:252 Resp: 229126
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 10.3 10.2 15.4





#83
Chrysene
Concen: 47.481 ng
RT: 13.992 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

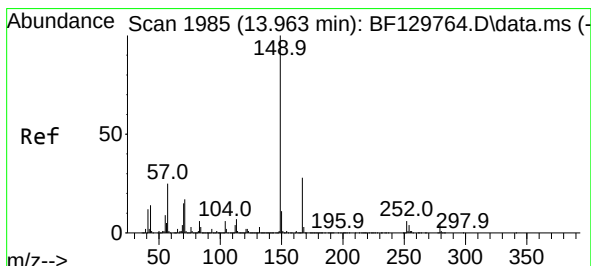
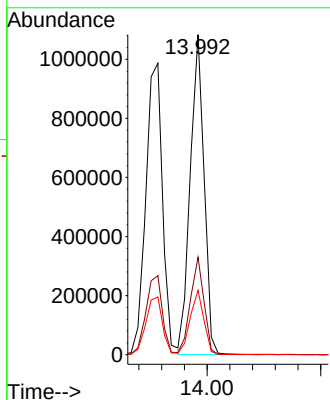
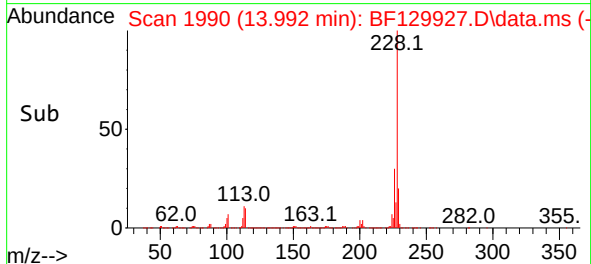
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



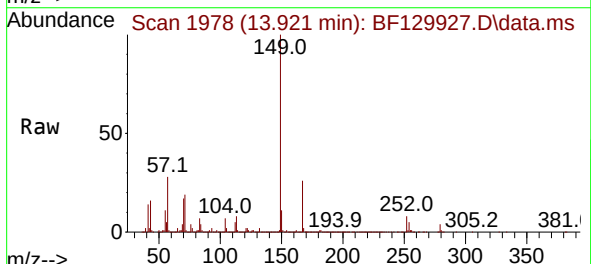
Tgt Ion:228 Resp: 918878
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 20.1 15.9 23.9

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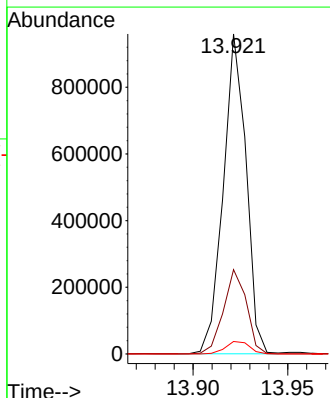
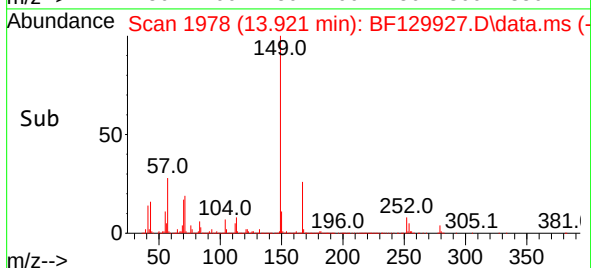
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

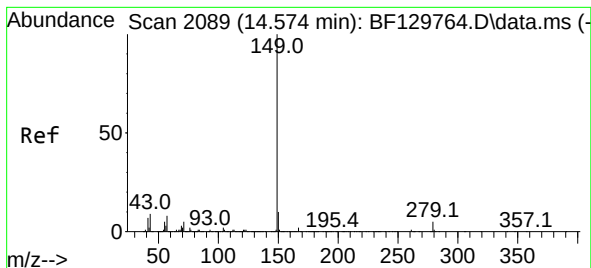


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.149 ng
RT: 13.921 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



Tgt Ion:149 Resp: 801721
Ion Ratio Lower Upper
149 100
167 26.4 22.0 33.0
279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 60.965 ng

RT: 14.533 min Scan# 2082

Delta R.T. 0.000 min

Lab File: BF129927.D

Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

Tgt Ion:149 Resp: 1103409

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

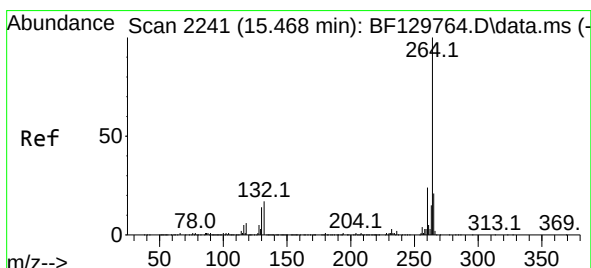
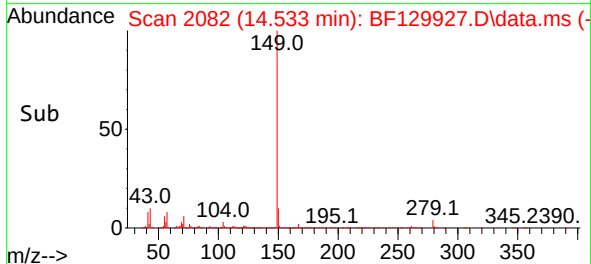
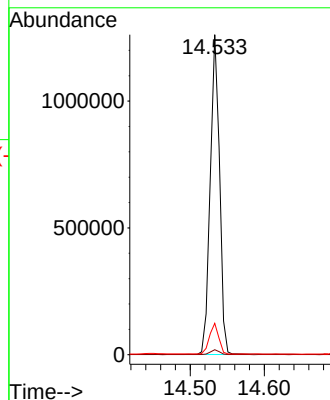
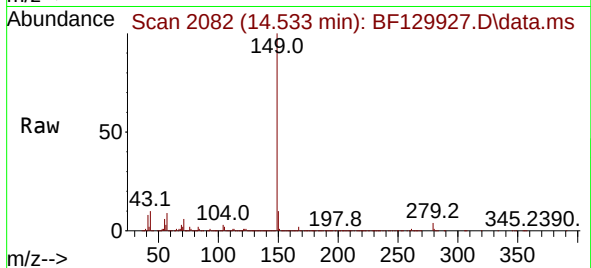
43 9.5 7.8 11.6

Manual Integrations

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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: BF129927.D

Acq: 20 Aug 2022 00:47

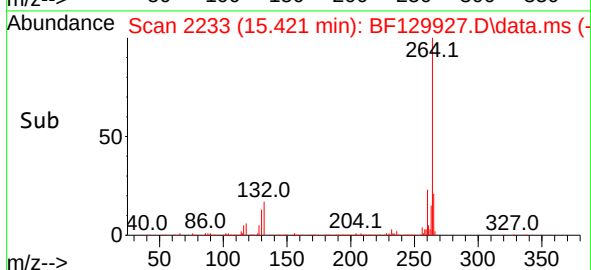
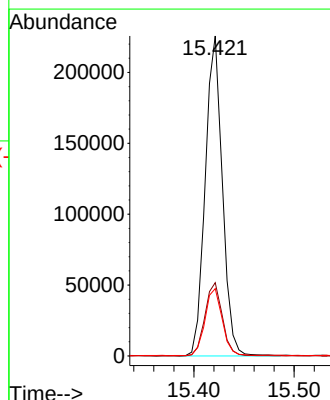
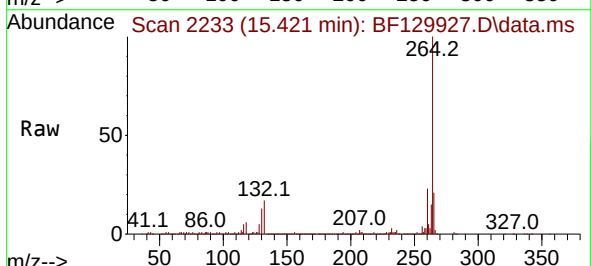
Tgt Ion:264 Resp: 268950

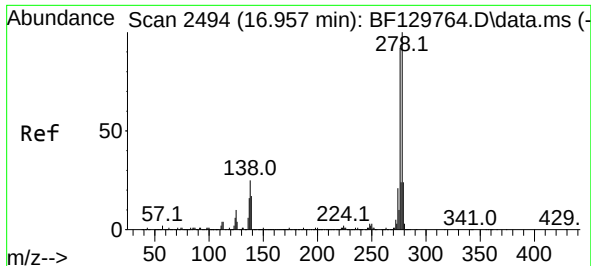
Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.0 16.7 25.1





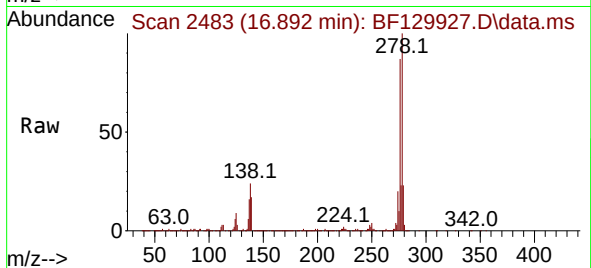
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.774 ng
 RT: 16.892 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BF129927.D
 Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP2-0816MSD

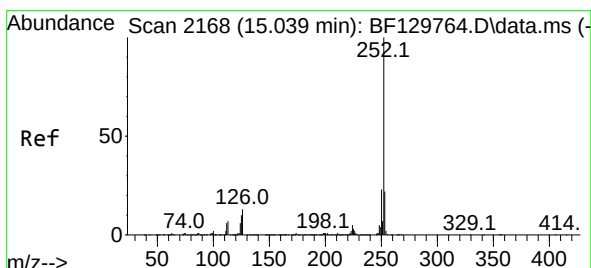
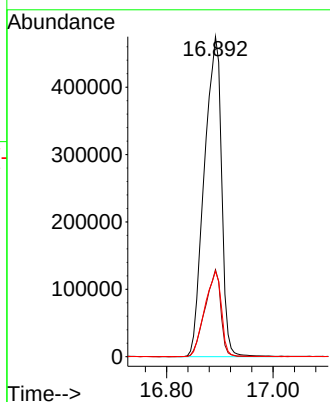
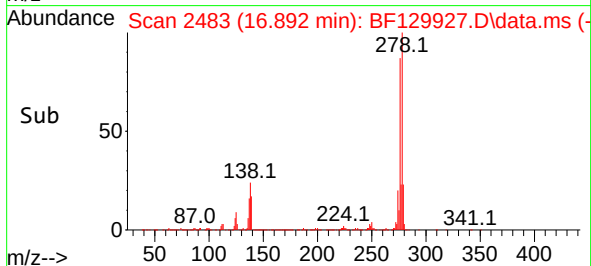


Tgt Ion:276 Resp: 1066720
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.8 29.8
 277 25.8 20.4 30.6

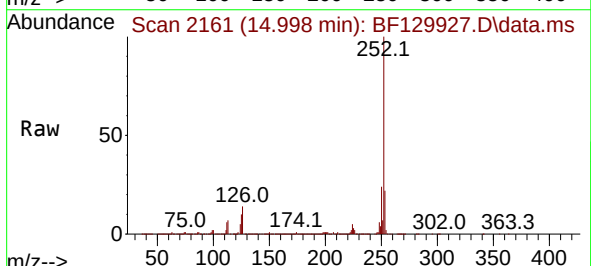
Manual Integrations

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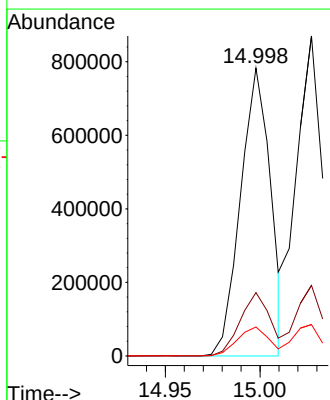
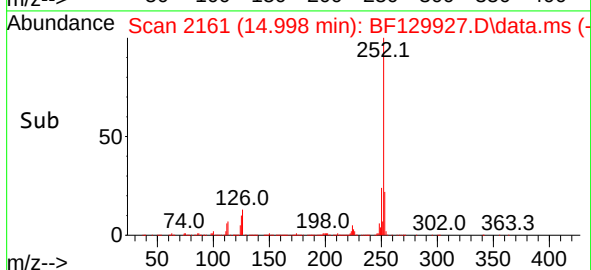
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

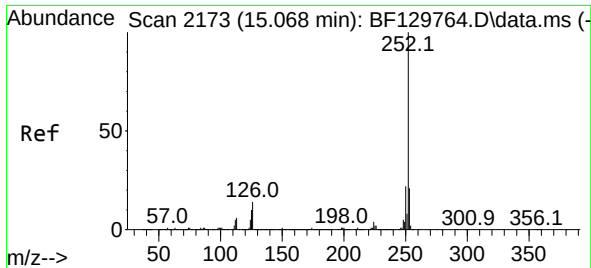


#88
 Benzo(b)fluoranthene
 Concen: 47.013 ng
 RT: 14.998 min Scan# 2161
 Delta R.T. 0.000 min
 Lab File: BF129927.D
 Acq: 20 Aug 2022 00:47



Tgt Ion:252 Resp: 865805
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 10.1 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 47.845 ng
RT: 15.027 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

Instrument :

BNA_F

ClientSampleId :

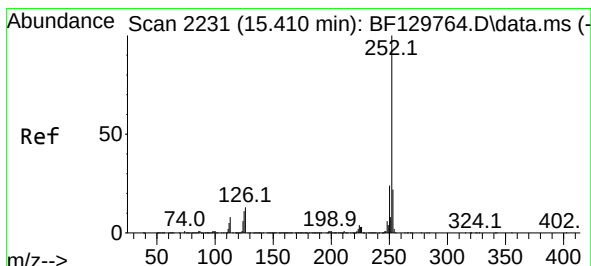
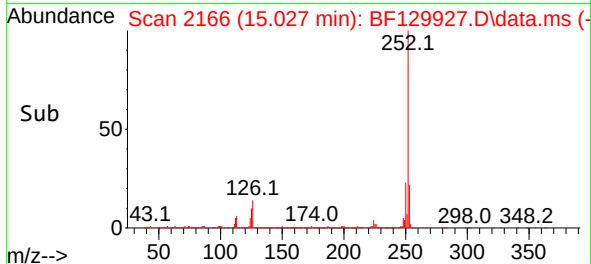
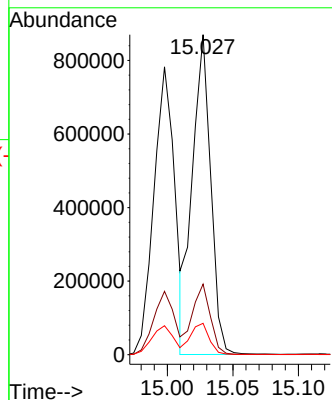
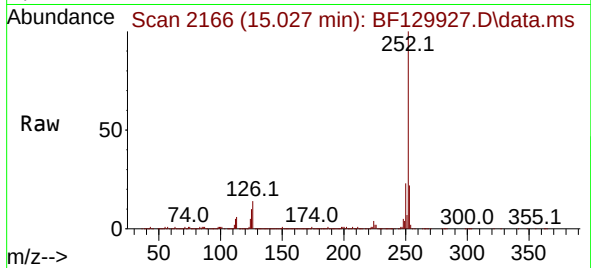
TP2-0816MSD

Tgt Ion:252 Resp: 84501
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.8 8.3 12.5

Manual Integrations

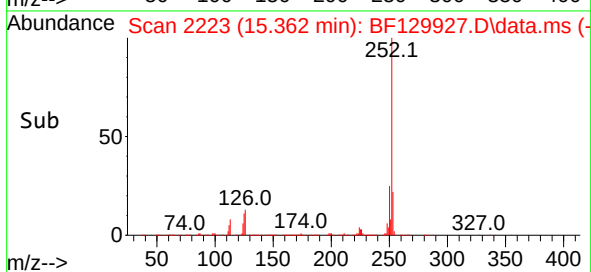
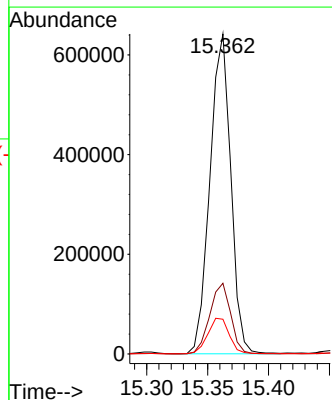
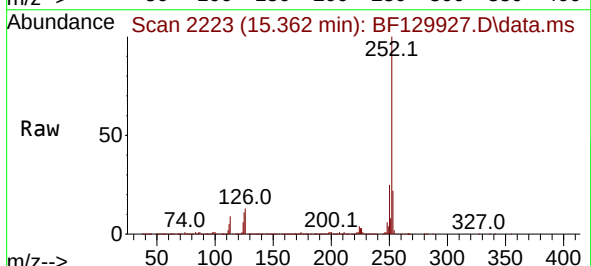
APPROVED

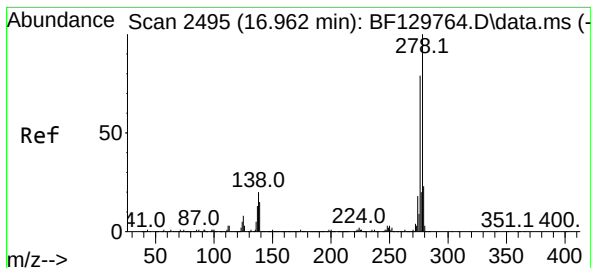
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#90
Benzo(a)pyrene
Concen: 52.578 ng
RT: 15.362 min Scan# 2223
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

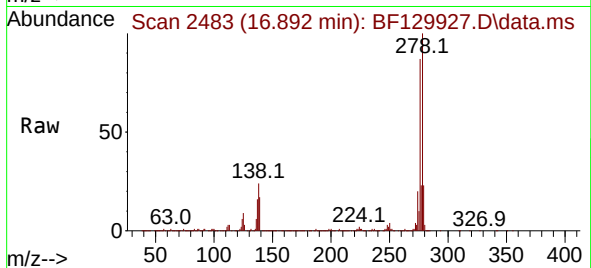
Tgt Ion:252 Resp: 762534
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 60.696 ng
RT: 16.892 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47

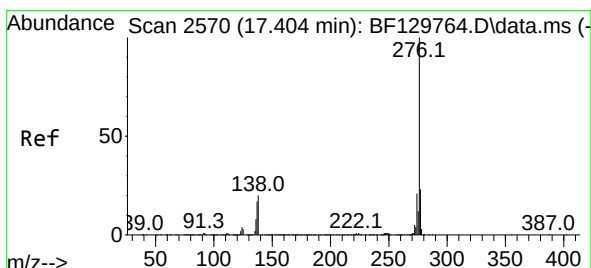
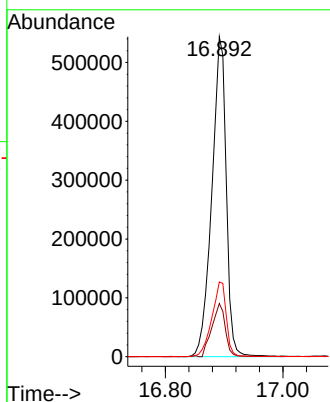
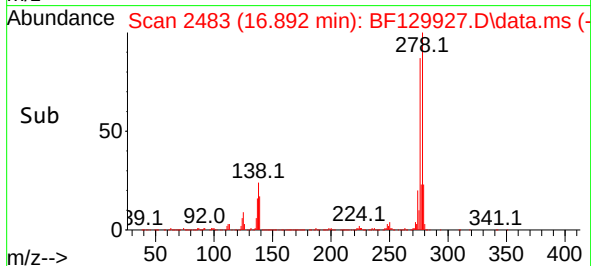
Instrument :
BNA_F
ClientSampleId :
TP2-0816MSD



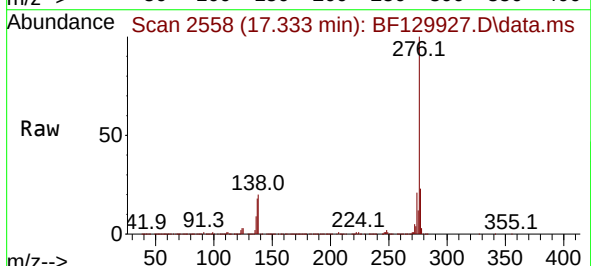
Tgt Ion:278 Resp: 924688
Ion Ratio Lower Upper
278 100
139 16.6 12.2 18.4
279 23.3 18.7 28.1

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: 61.725 ng
RT: 17.333 min Scan# 2558
Delta R.T. 0.006 min
Lab File: BF129927.D
Acq: 20 Aug 2022 00:47



Tgt Ion:276 Resp: 938160
Ion Ratio Lower Upper
276 100
277 23.4 18.2 27.4
138 19.6 15.8 23.8

