

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127336.D
 Acq On : 15 Mar 2022 21:10
 Operator : CG\JU
 Sample : N1948-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 05:31:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90208	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	343960	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	208367	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	369216	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	193941	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	204275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	554814	98.871	ng	0.00
7) Phenol-d6	6.504	99	787257	101.984	ng	0.00
23) Nitrobenzene-d5	7.439	82	547795	65.772	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	216281	96.423	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	967948	65.676	ng	0.00
79) Terphenyl-d14	12.986	244	921424	81.811	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	107109	36.813	ng	# 82
3) Pyridine	3.475	79	287009	37.069	ng	# 74
4) n-Nitrosodimethylamine	3.451	42	185942	43.345	ng	# 66
6) Aniline	6.534	93	352496	38.210	ng	95
8) 2-Chlorophenol	6.657	128	287975	49.607	ng	96
9) Benzaldehyde	6.422	77	187729	50.060	ng	92
10) Phenol	6.522	94	409610	48.304	ng	79
11) bis(2-Chloroethyl)ether	6.604	93	304840	48.408	ng	90
12) 1,3-Dichlorobenzene	6.810	146	300061	46.047	ng	99
13) 1,4-Dichlorobenzene	6.886	146	302424	46.262	ng	98
14) 1,2-Dichlorobenzene	7.034	146	286065	46.495	ng	99
15) Benzyl Alcohol	7.016	79	289167	49.977	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.139	45	548811	46.440	ng	99
17) 2-Methylphenol	7.128	107	242242	49.086	ng	# 89
18) Hexachloroethane	7.375	117	115975	46.184	ng	# 79
19) n-Nitroso-di-n-propyla...	7.281	70	228555	47.446	ng	89
20) 3+4-Methylphenols	7.281	107	278844	43.568	ng	# 84
22) Acetophenone	7.281	105	388931	41.299	ng	# 82
24) Nitrobenzene	7.457	77	355258	45.098	ng	95
25) Isophorone	7.692	82	664737	49.636	ng	97
26) 2-Nitrophenol	7.769	139	150985	46.282	ng	# 75
27) 2,4-Dimethylphenol	7.804	122	262943	53.693	ng	92
28) bis(2-Chloroethoxy)met...	7.898	93	388424	45.774	ng	98
29) 2,4-Dichlorophenol	8.016	162	257717	45.952	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	283716	44.374	ng	97
31) Naphthalene	8.175	128	823021	44.856	ng	100
32) Benzoic acid	7.945	122	124563	38.168	ng	93
33) 4-Chloroaniline	8.222	127	126744	17.821	ng	# 91
34) Hexachlorobutadiene	8.280	225	180334	42.296	ng	98
35) Caprolactam	8.616	113	79011m	47.159	ng	
36) 4-Chloro-3-methylphenol	8.716	107	290574	47.803	ng	100
37) 2-Methylnaphthalene	8.863	142	553174	46.140	ng	99
38) 1-Methylnaphthalene	8.963	142	530067	45.990	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	289352	43.866	ng	# 95
41) Hexachlorocyclopentadiene	9.016	237	297209	105.902	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	189089	45.420	ng	97

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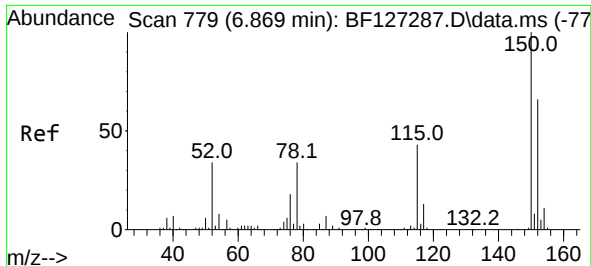
Quant Time: Mar 16 05:31:04 2022
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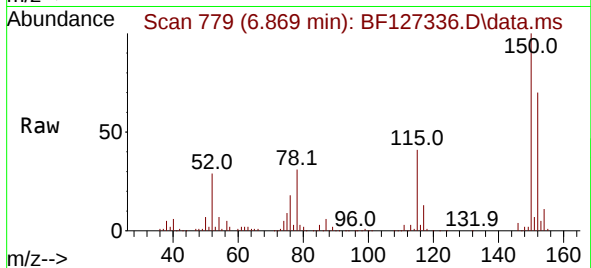
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	202473	45.824	ng	# 88
46) 1,1'-Biphenyl	9.333	154	695709	44.238	ng	97
47) 2-Chloronaphthalene	9.357	162	541212	44.210	ng	100
48) 2-Nitroaniline	9.463	65	216356	45.934	ng	94
49) Acenaphthylene	9.774	152	873138	46.607	ng	98
50) Dimethylphthalate	9.633	163	680194	45.556	ng	# 98
51) 2,6-Dinitrotoluene	9.704	165	145695	48.239	ng	93
52) Acenaphthene	9.945	154	495746	44.393	ng	98
53) 3-Nitroaniline	9.874	138	83579	25.394	ng	99
54) 2,4-Dinitrophenol	9.980	184	61754	39.164	ng	98
55) Dibenzofuran	10.122	168	742168	42.779	ng	98
56) 4-Nitrophenol	10.045	139	171581	85.770	ng	# 68
57) 2,4-Dinitrotoluene	10.110	165	183357	46.142	ng	# 91
58) Fluorene	10.463	166	595734	44.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	167668	45.663	ng	# 78
60) Diethylphthalate	10.333	149	623098	45.751	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	319934	43.884	ng	90
62) 4-Nitroaniline	10.498	138	134250	40.933	ng	87
63) Azobenzene	10.610	77	693225	44.280	ng	89
65) 4,6-Dinitro-2-methylph...	10.522	198	64721	28.430	ng	92
66) n-Nitrosodiphenylamine	10.574	169	513315	44.765	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	203710	45.770	ng	# 91
68) Hexachlorobenzene	11.010	284	220579	45.475	ng	# 86
69) Atrazine	11.104	200	192900	48.751	ng	94
70) Pentachlorophenol	11.210	266	173646	88.666	ng	99
71) Phenanthrene	11.427	178	843057	43.255	ng	100
72) Anthracene	11.480	178	846496	43.855	ng	99
73) Carbazole	11.639	167	712520	39.199	ng	98
74) Di-n-butylphthalate	11.957	149	921620	43.349	ng	99
75) Fluoranthene	12.615	202	816573	37.470	ng	93
77) Benzidine	12.739	184	280277	56.829	ng	98
78) Pyrene	12.851	202	790156	52.307	ng	100
80) Butylbenzylphthalate	13.457	149	288025	49.543	ng	# 96
81) Benzo(a)anthracene	14.039	228	603618	46.224	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	108043	26.610	ng	# 96
83) Chrysene	14.074	228	560240	46.126	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	398549	50.926	ng	# 97
85) Di-n-octyl phthalate	14.627	149	648834	54.776	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	645885	52.486	ng	# 85
88) Benzo(b)fluoranthene	15.098	252	593547	44.266	ng	# 92
89) Benzo(k)fluoranthene	15.127	252	578850	45.913	ng	# 94
90) Benzo(a)pyrene	15.474	252	582077	55.128	ng	# 93
91) Dibenzo(a,h)anthracene	17.056	278	568340	55.491	ng	# 90
92) Benzo(g,h,i)perylene	17.503	276	547447	54.797	ng	# 84

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

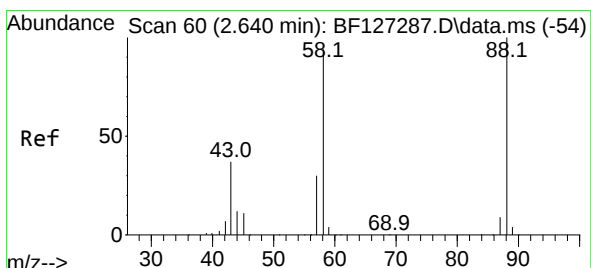
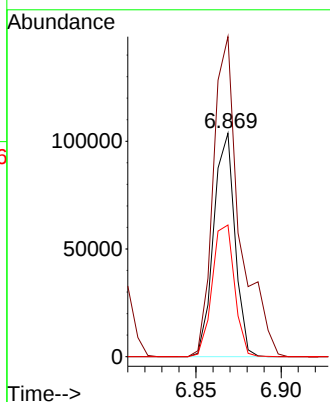
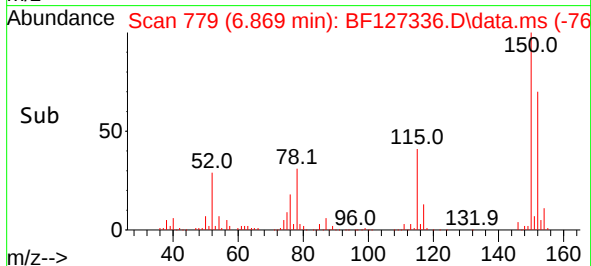
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion:152 Resp: 90208
Ion Ratio Lower Upper
152 100
150 143.3 128.1 192.1
115 58.9 56.7 85.1

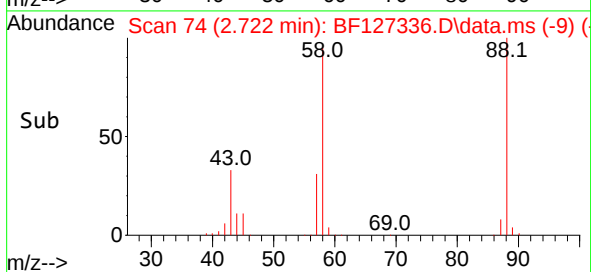
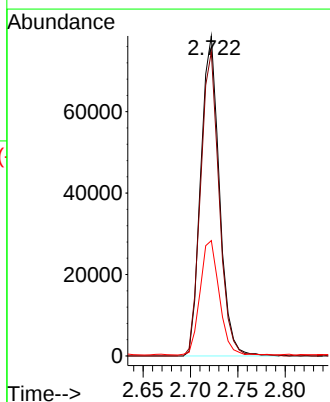
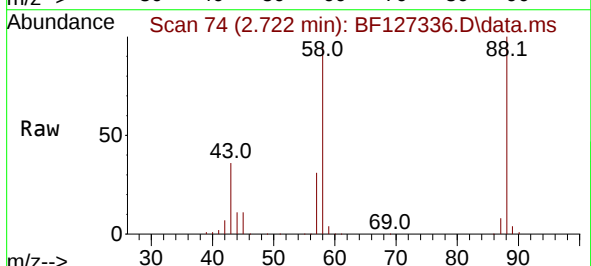
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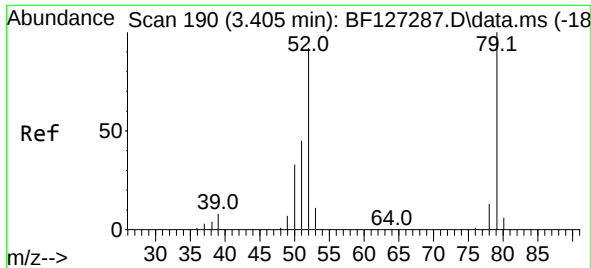
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#2
1,4-Dioxane
Concen: 36.813 ng
RT: 2.722 min Scan# 74
Delta R.T. 0.082 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion: 88 Resp: 107109
Ion Ratio Lower Upper
88 100
58 94.9 62.8 94.2#
43 36.9 22.3 33.5#





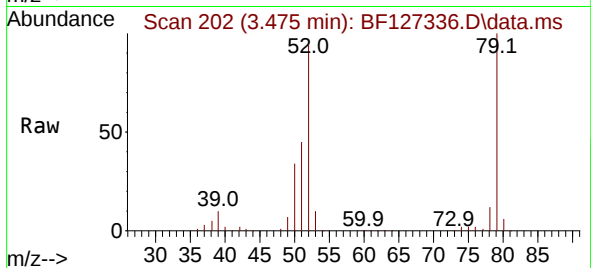
#3
Pyridine
Concen: 37.069 ng
RT: 3.475 min Scan# 20
Delta R.T. 0.070 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

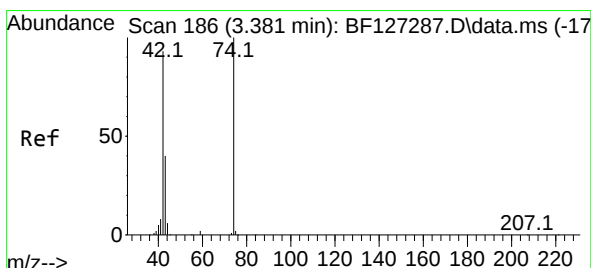
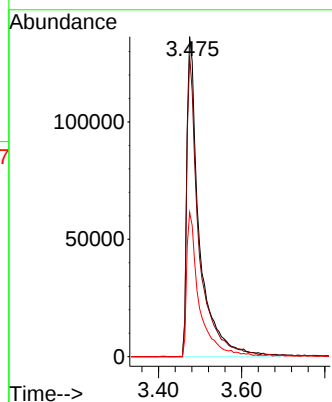
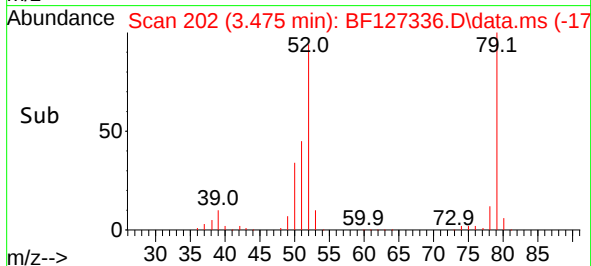


Tgt Ion: 79 Resp: 287009
Ion Ratio Lower Upper
79 100
52 94.1 56.2 84.4
51 45.1 26.7 40.1

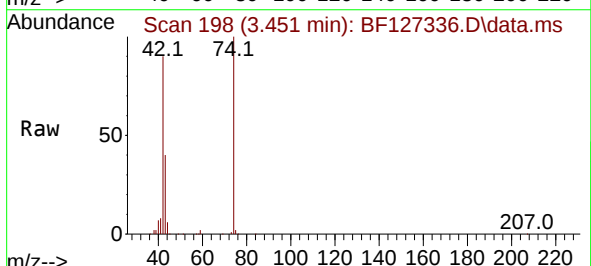
Manual Integrations

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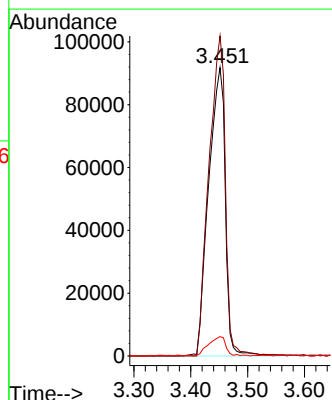
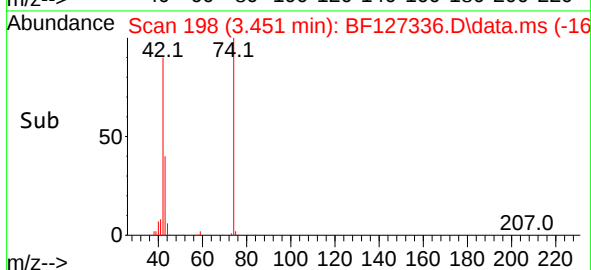
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#4
n-Nitrosodimethylamine
Concen: 43.345 ng
RT: 3.451 min Scan# 198
Delta R.T. 0.070 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



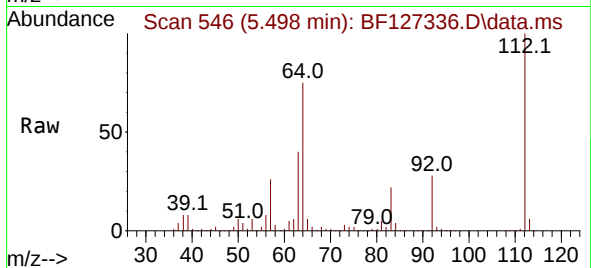
Tgt Ion: 42 Resp: 185942
Ion Ratio Lower Upper
42 100
74 111.0 125.6 188.4
44 6.7 5.7 8.5





#5
2-Fluorophenol
Concen: 98.871 ng
RT: 5.498 min Scan# 545
Delta R.T. 0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

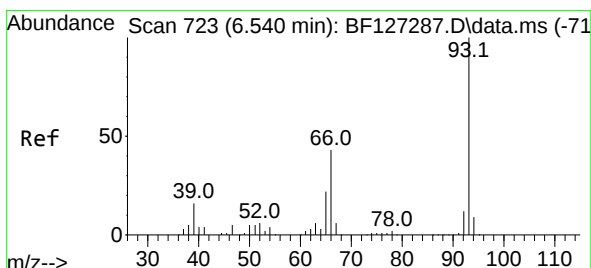
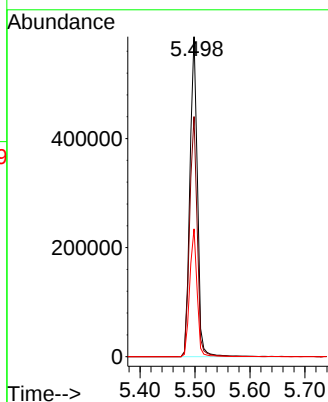
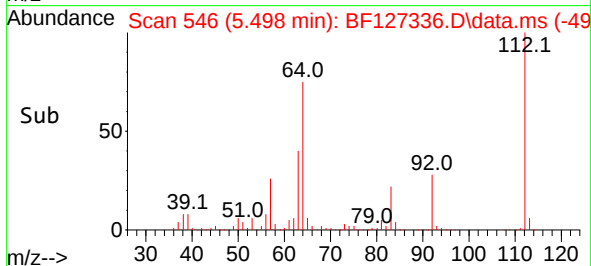
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Tgt Ion:112 Resp: 554814
Ion Ratio Lower Upper
112 100
64 75.1 49.5 74.3
63 40.0 23.9 35.9

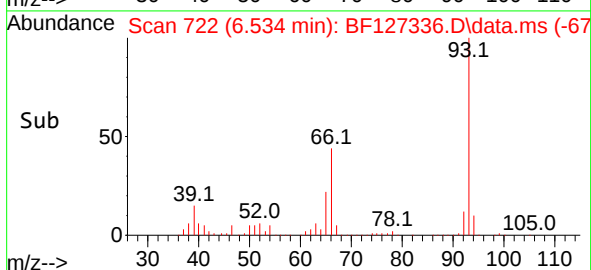
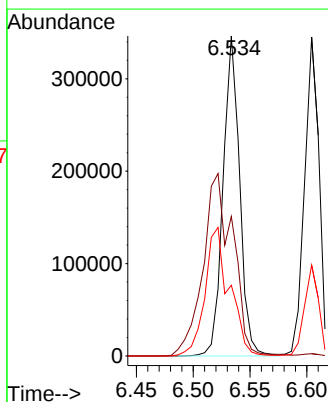
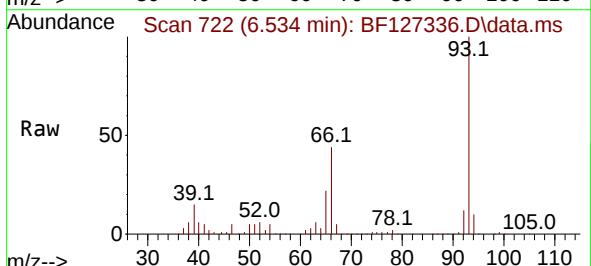
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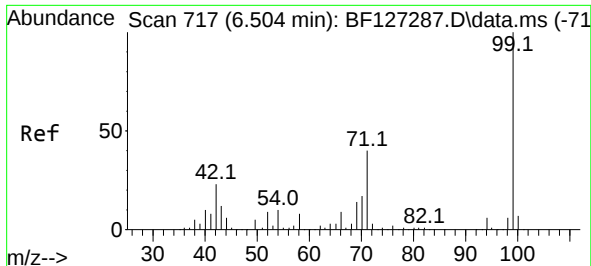
Reviewed By :Christian Giraldo 03/16/2022
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#6
Aniline
Concen: 38.210 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

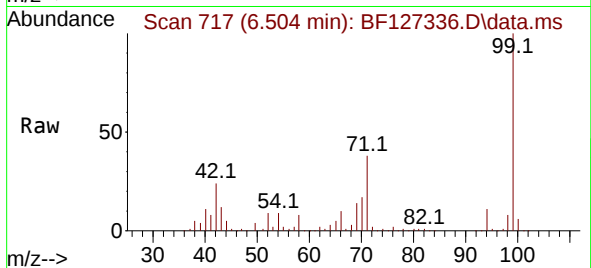
Tgt Ion: 93 Resp: 352496
Ion Ratio Lower Upper
93 100
66 43.6 32.2 48.4
65 22.1 16.3 24.5





#7
Phenol-d6
Concen: 101.984 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

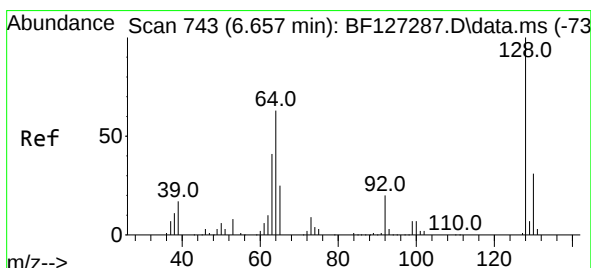
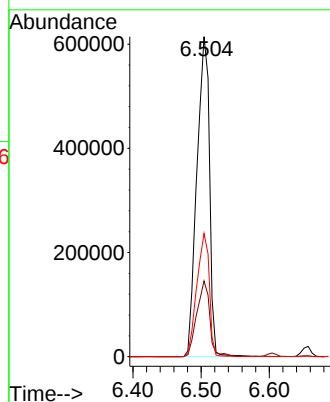
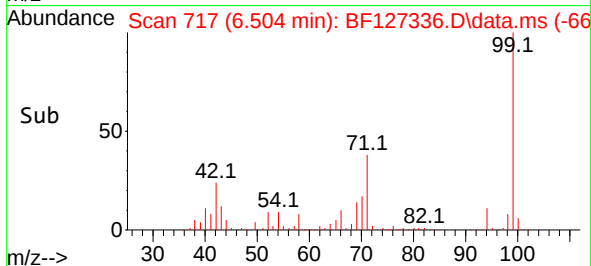
Instrument :
BNA_F
ClientSampleId :
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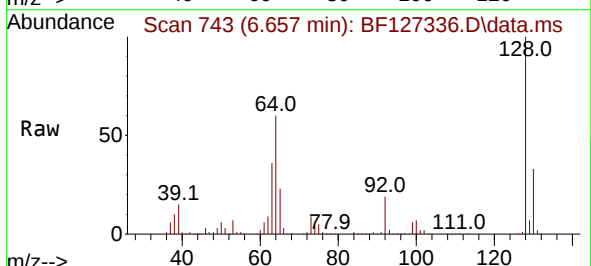
Tgt Ion: 99 Resp: 78725
Ion Ratio Lower Upper
99 100
42 23.7 14.2 21.4
71 38.5 24.3 36.5

Manual Integrations
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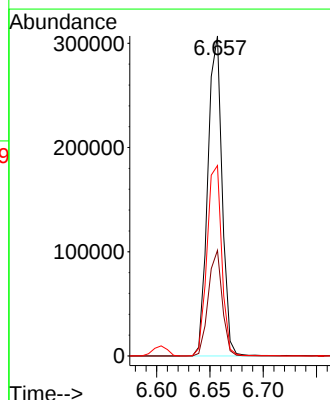
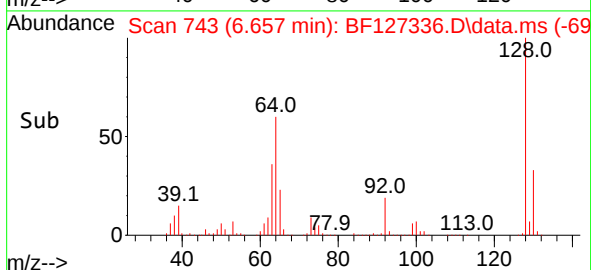
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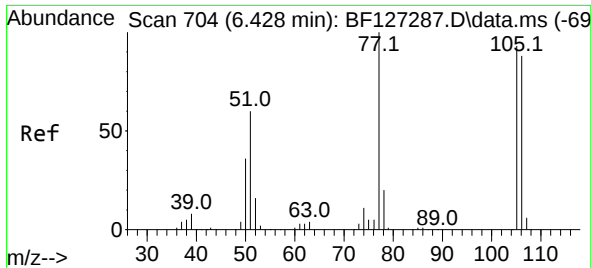


#8
2-Chlorophenol
Concen: 49.607 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:128 Resp: 287975
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 59.5 35.6 75.6





#9
Benzaldehyde
Concen: 50.060 ng
RT: 6.422 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

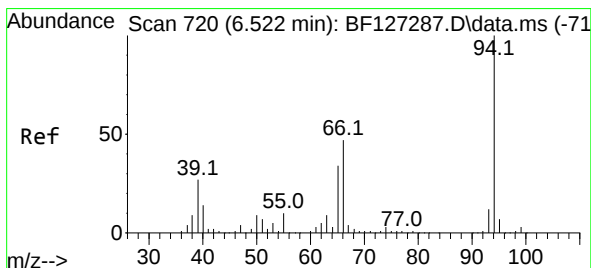
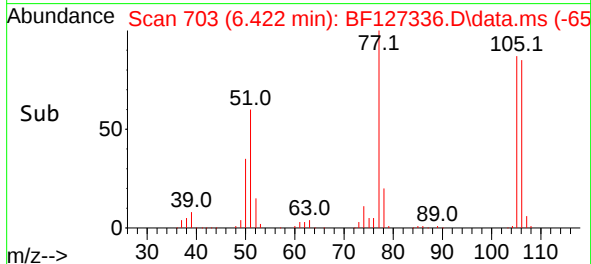
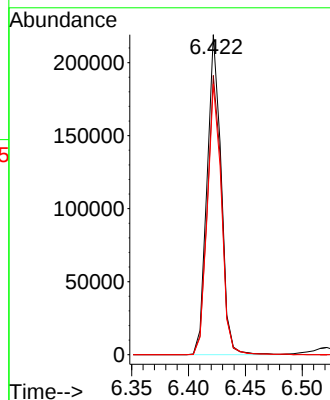
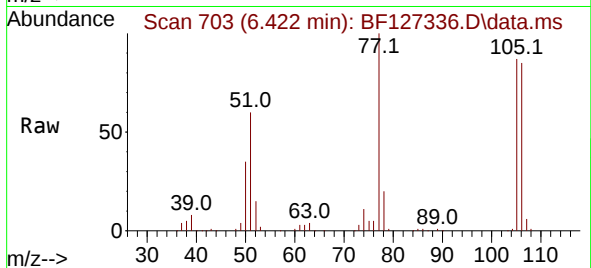
COMP-5MSD

Tgt Ion: 77 Resp: 187729
Ion Ratio Lower Upper
77 100
105 87.3 74.9 114.9
106 84.6 72.4 112.4

Manual Integrations

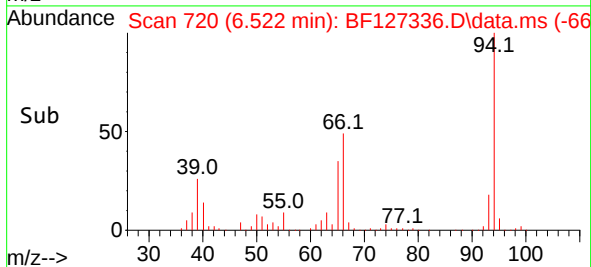
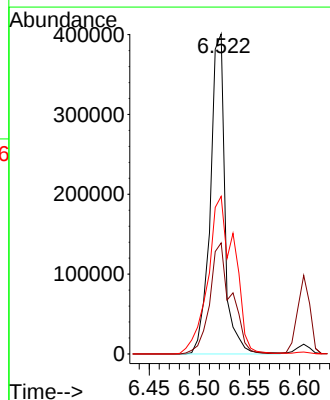
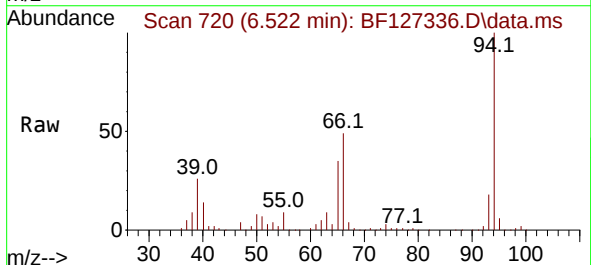
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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#10
Phenol
Concen: 48.304 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion: 94 Resp: 409610
Ion Ratio Lower Upper
94 100
65 34.7 7.2 47.2
66 49.3 14.5 54.5





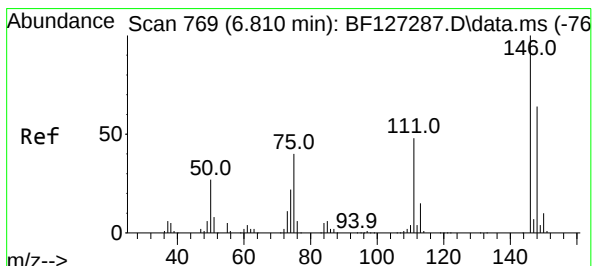
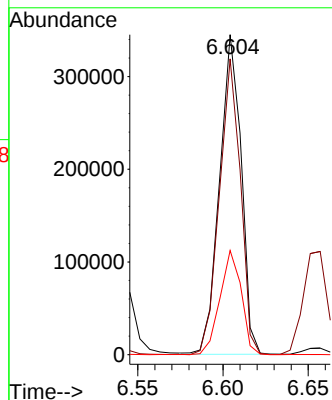
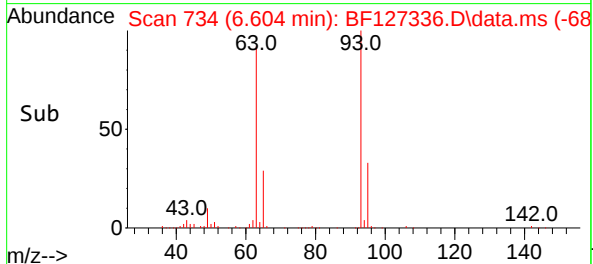
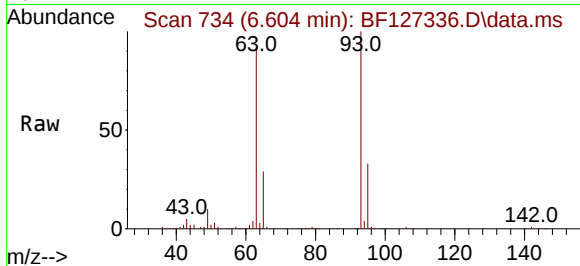
#11
bis(2-Chloroethyl)ether
Concen: 48.408 ng
RT: 6.604 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tgt Ion: 93 Resp: 304840
Ion Ratio Lower Upper
93 100
63 92.4 60.5 100.5
95 32.5 12.9 52.9

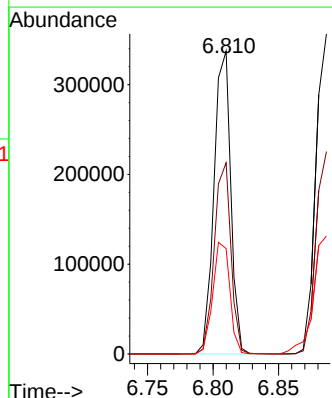
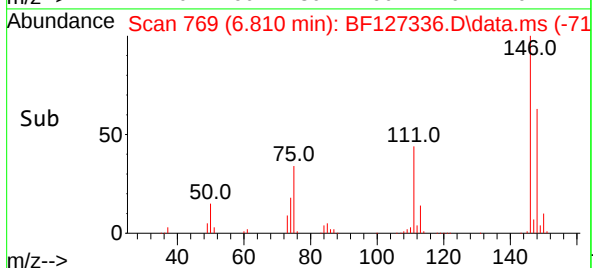
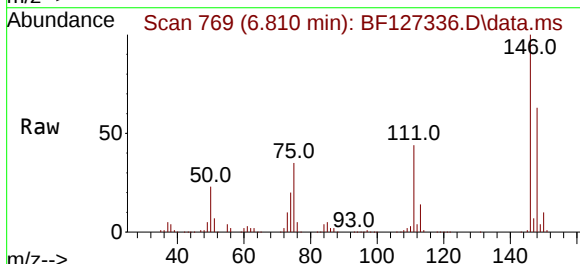
Manual Integrations
APPROVED

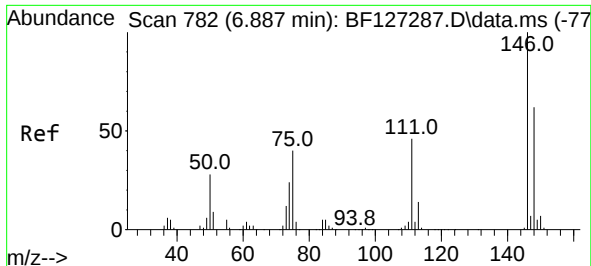
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#12
1,3-Dichlorobenzene
Concen: 46.047 ng
RT: 6.810 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

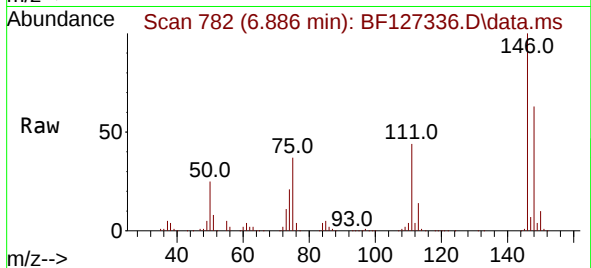
Tgt Ion:146 Resp: 300061
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 34.8 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 46.262 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

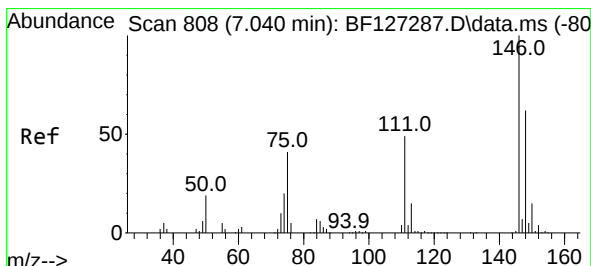
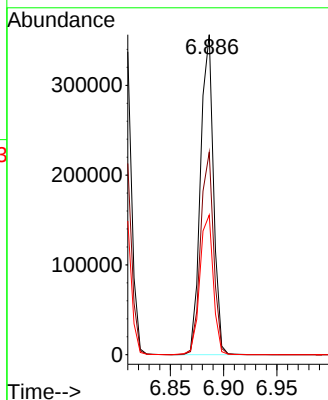
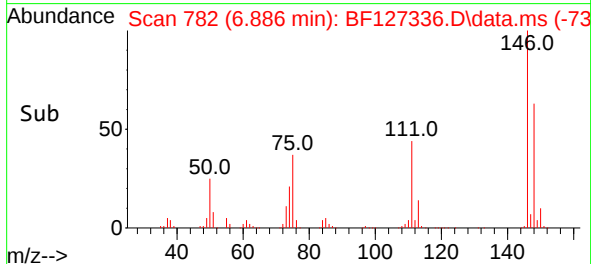
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



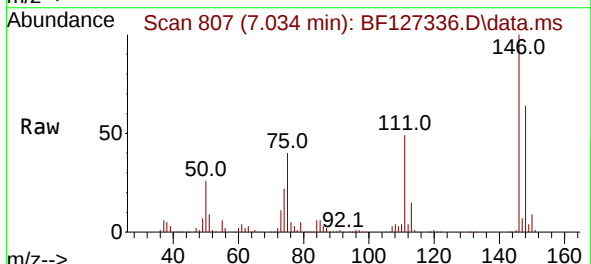
Tgt Ion:146 Resp: 302424
Ion Ratio Lower Upper
146 100
148 63.2 49.8 74.6
111 43.7 36.1 54.1

Manual Integrations
APPROVED

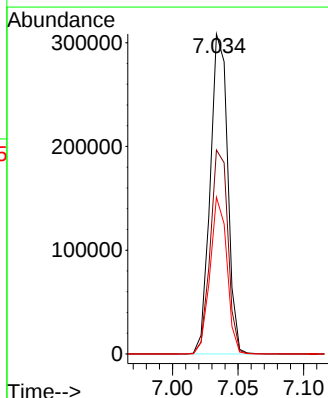
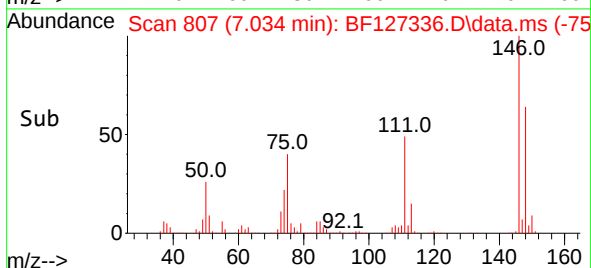
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#14
1,2-Dichlorobenzene
Concen: 46.495 ng
RT: 7.034 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:146 Resp: 286065
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 49.0 40.2 60.2





#15

Benzyl Alcohol

Concen: 49.977 ng

RT: 7.016 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

Tgt Ion: 79 Resp: 28916

Ion Ratio Lower Upper

79 100

108 67.9 63.2 94.8

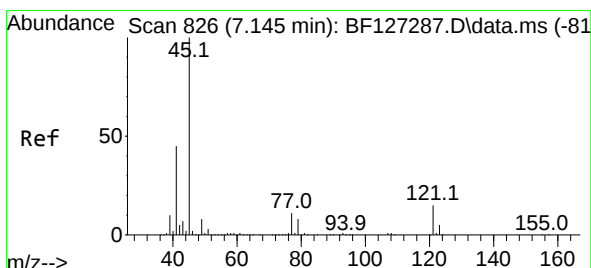
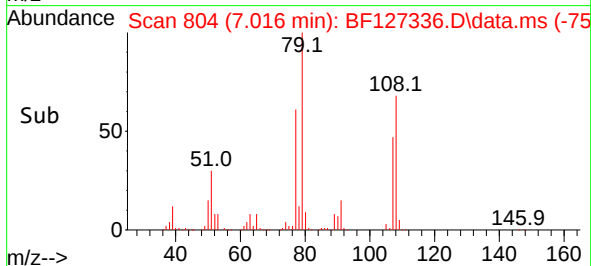
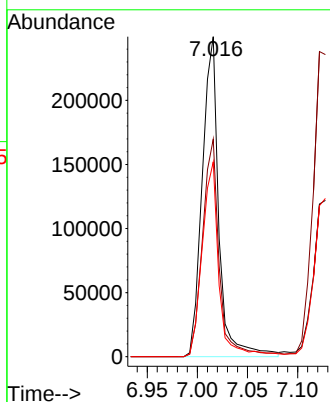
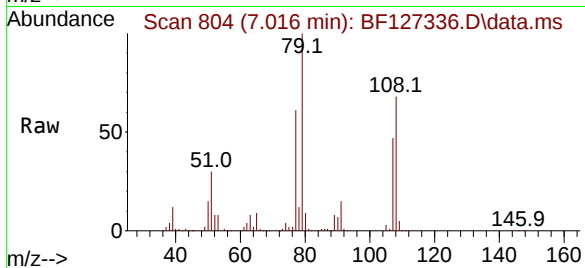
77 60.9 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.440 ng

RT: 7.139 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

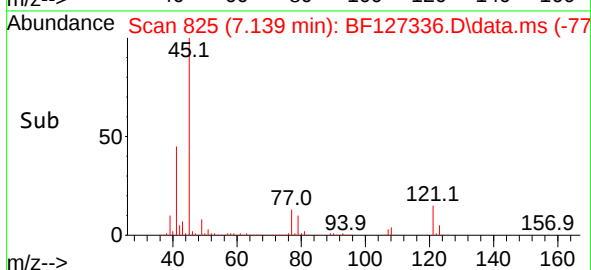
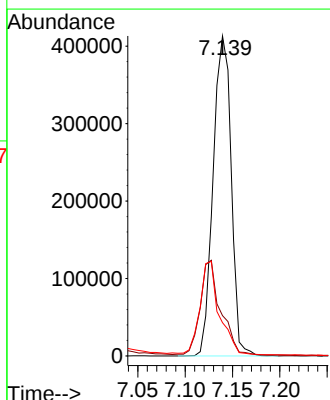
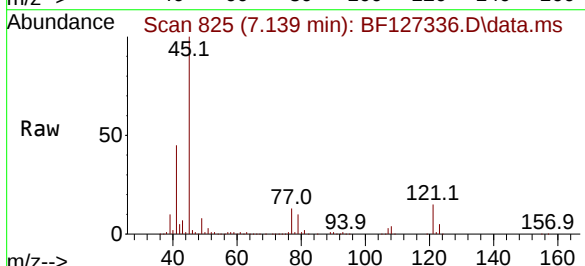
Tgt Ion: 45 Resp: 548811

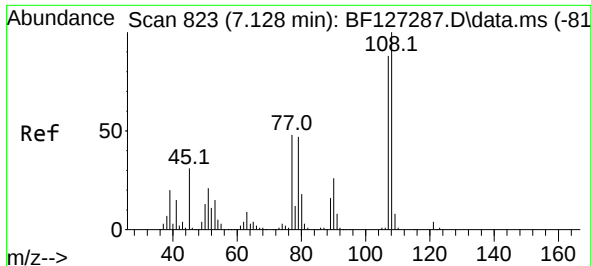
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.4

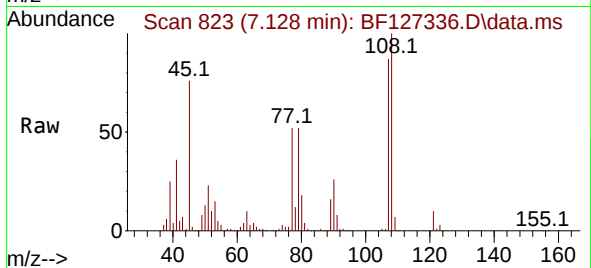
79 10.4 0.0 29.8





#17
2-Methylphenol
Concen: 49.086 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

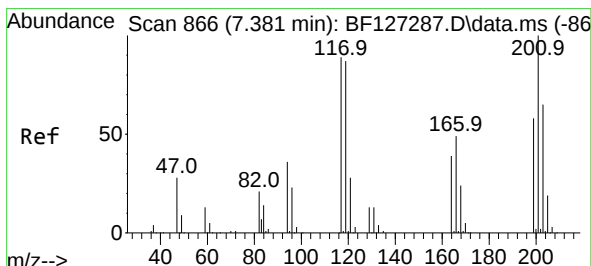
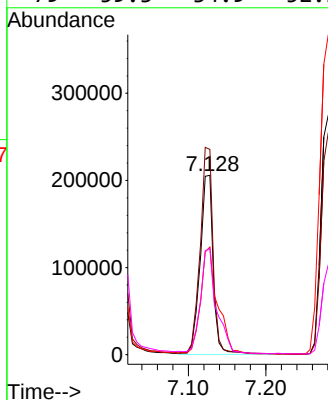
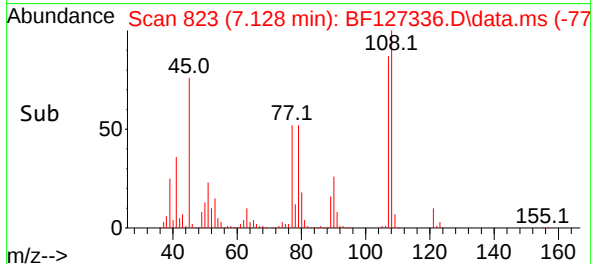
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion:107 Resp: 24224
Ion Ratio Lower Upper
107 100
108 114.5 93.4 140.0
77 60.0 36.1 54.1
79 59.3 34.9 52.3#

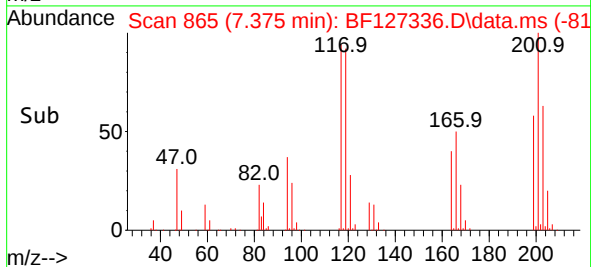
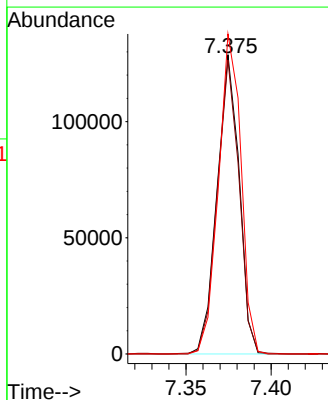
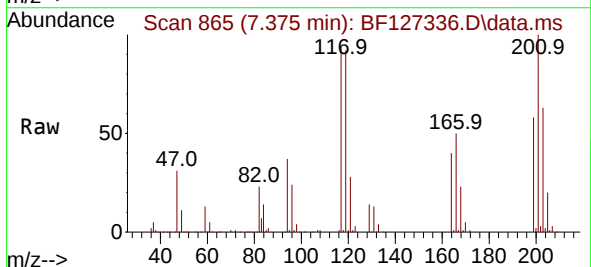
Manual Integrations
APPROVED

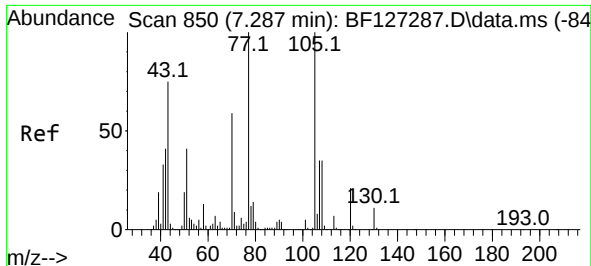
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#18
Hexachloroethane
Concen: 46.184 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

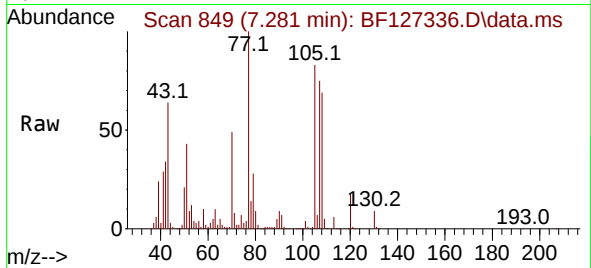
Tgt Ion:117 Resp: 115975
Ion Ratio Lower Upper
117 100
119 98.2 75.4 113.0
201 106.9 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 47.446 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

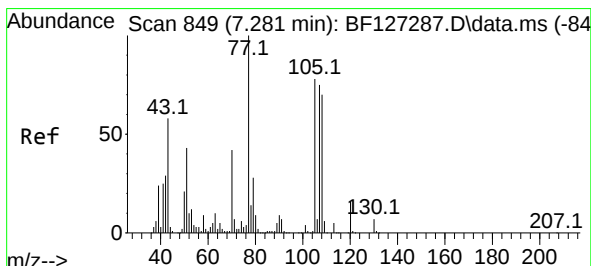
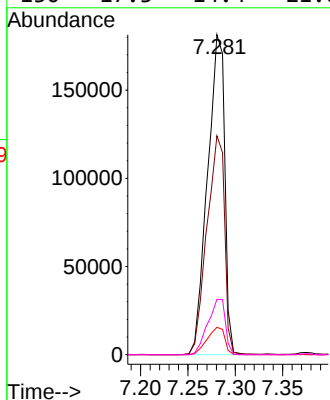
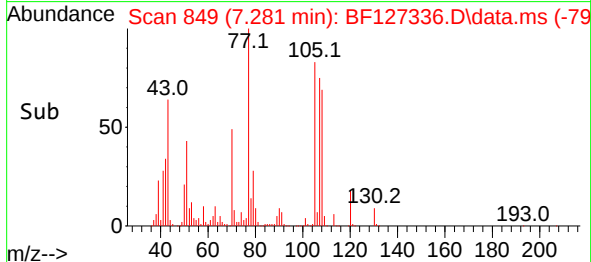
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion: 70 Resp: 22855
Ion Ratio Lower Upper
70 100
42 68.4 45.8 68.8
101 8.6 6.9 10.3
130 17.3 14.4 21.6

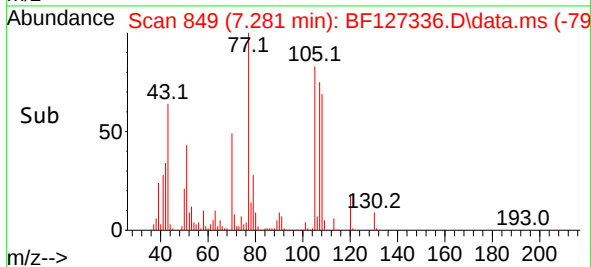
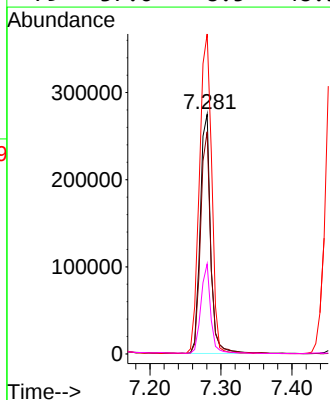
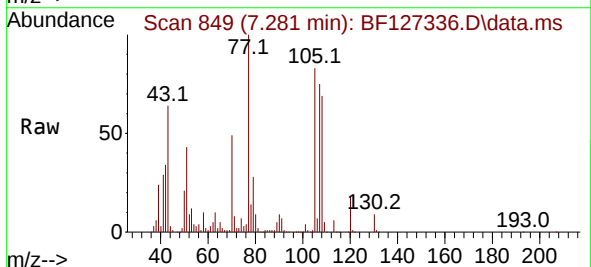
Manual Integrations
APPROVED

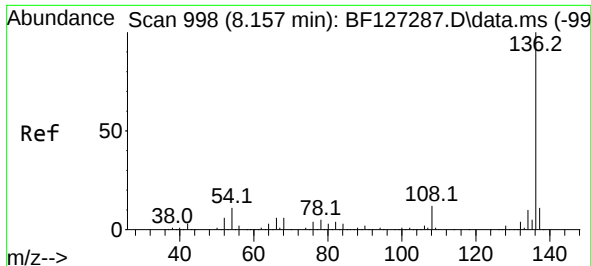
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#20
3+4-Methylphenols
Concen: 43.568 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:107 Resp: 278844
Ion Ratio Lower Upper
107 100
108 92.7 72.4 112.4
77 133.5 83.8 123.8#
79 37.6 8.5 48.5





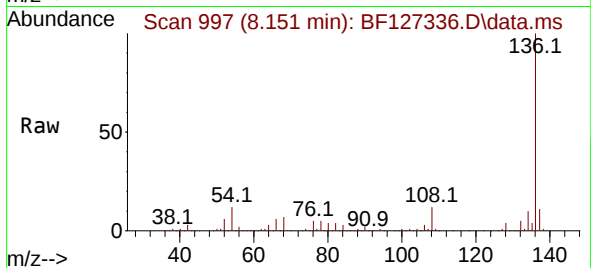
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

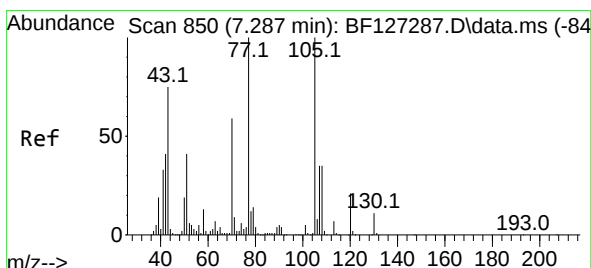
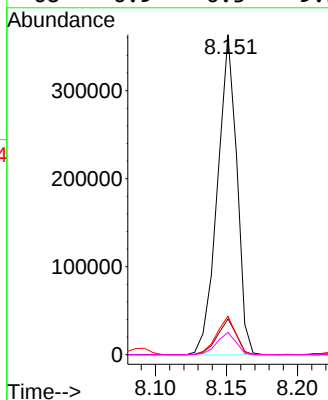
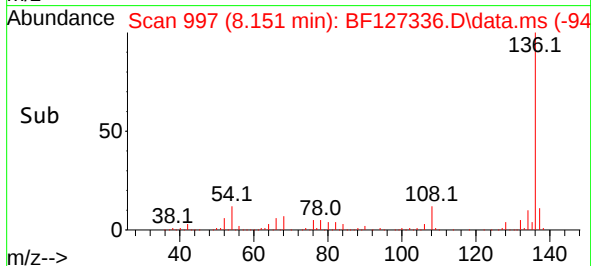


Tgt Ion:136 Resp: 343960
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.0 7.8 11.6
68 6.9 6.3 9.5

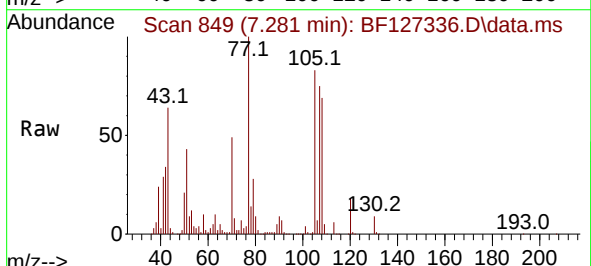
Manual Integrations

APPROVED

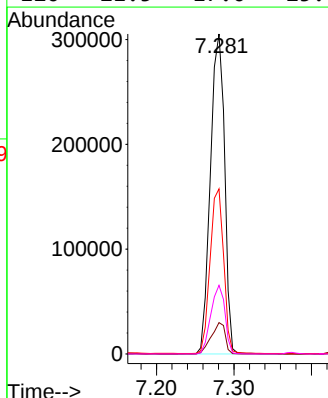
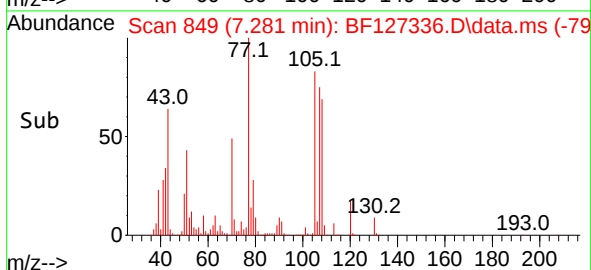
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

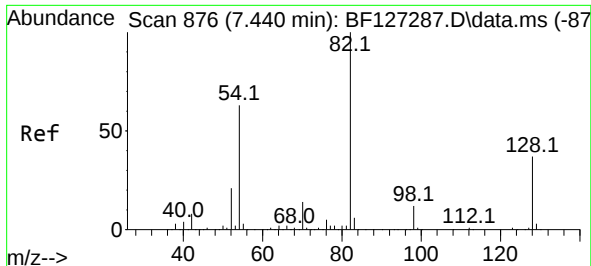


#22
Acetophenone
Concen: 41.299 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:105 Resp: 388931
Ion Ratio Lower Upper
105 100
71 9.8 5.4 8.0#
51 51.6 27.4 41.0#
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 65.772 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127336.D

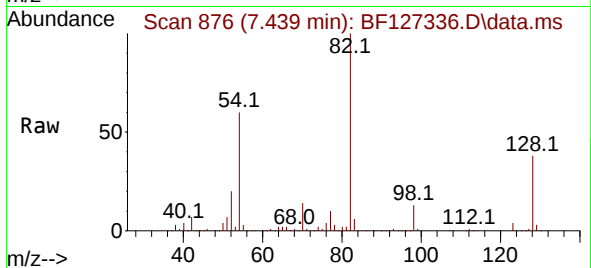
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD



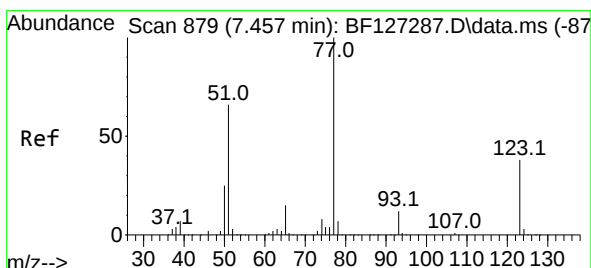
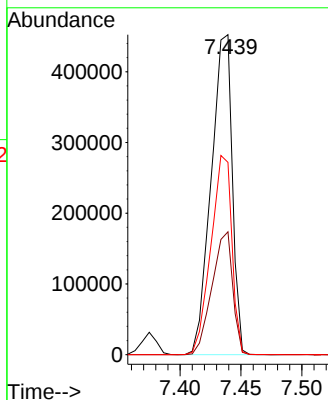
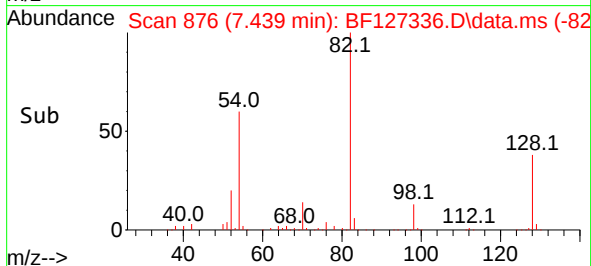
Tgt Ion: 82 Resp: 547795

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.7	49.1
54	60.1	41.7	62.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#24

Nitrobenzene

Concen: 45.098 ng

RT: 7.457 min Scan# 879

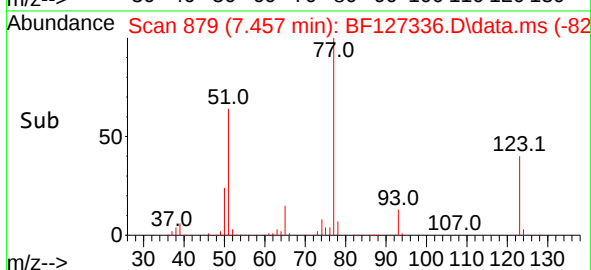
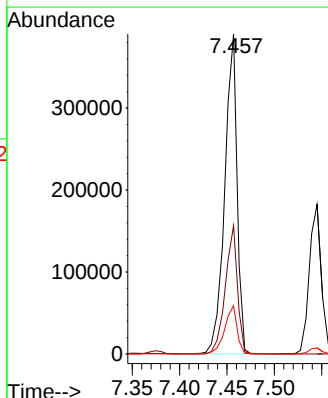
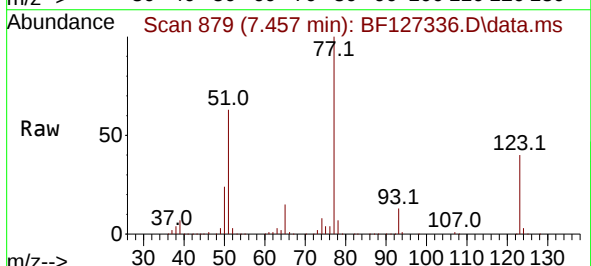
Delta R.T. -0.000 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Tgt Ion: 77 Resp: 355258

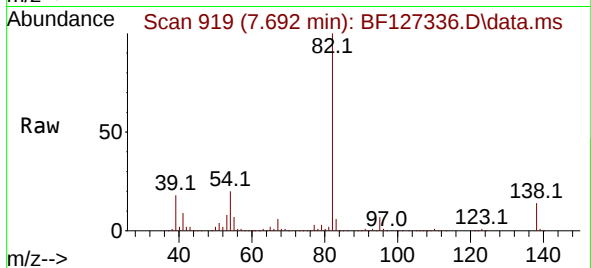
Ion	Ratio	Lower	Upper
77	100		
123	40.1	34.6	52.0
65	15.1	10.6	15.8





#25
Isophorone
Concen: 49.636 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

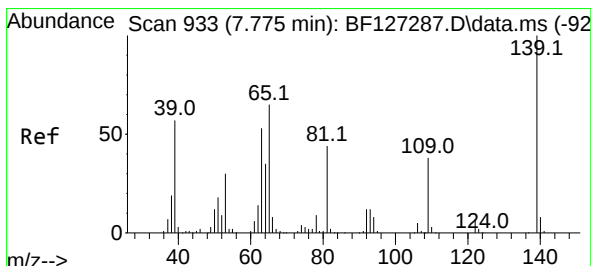
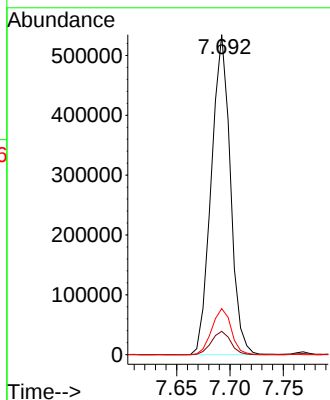
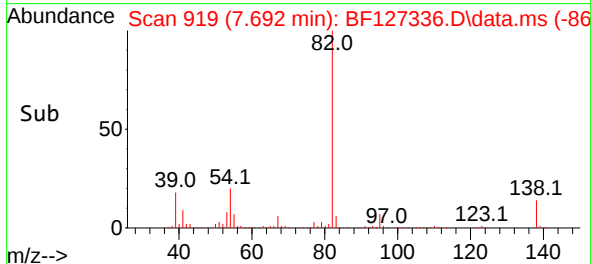
Instrument :
BNA_F
Client Sample Id :
COMP-5MSD



Tgt Ion: 82 Resp: 66473
Ion Ratio Lower Upper
82 100
95 7.3 5.0 7.4
138 14.4 12.3 18.5

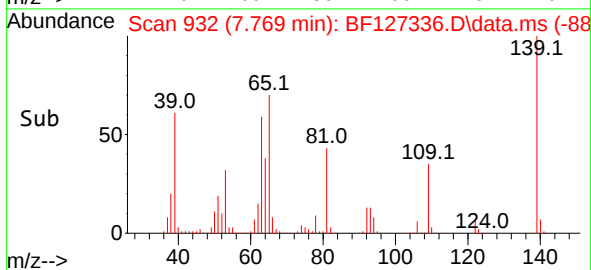
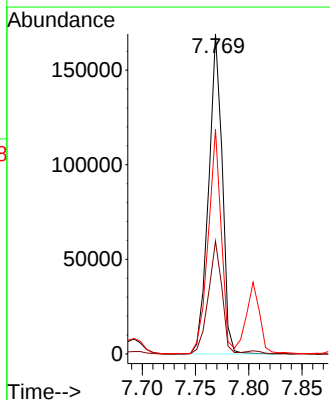
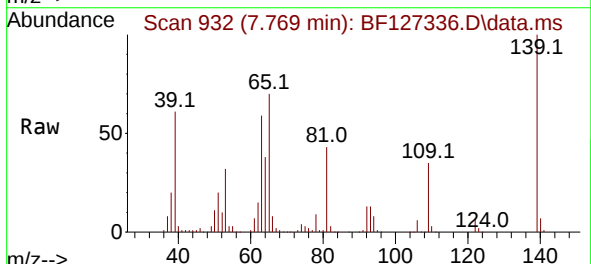
Manual Integrations
APPROVED

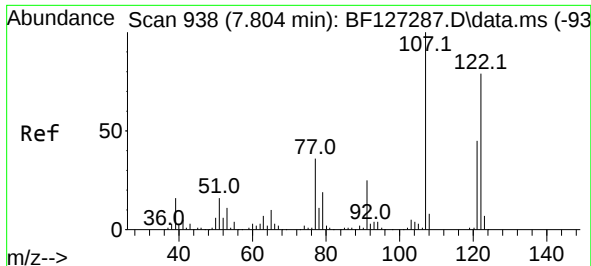
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#26
2-Nitrophenol
Concen: 46.282 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:139 Resp: 150985
Ion Ratio Lower Upper
139 100
109 35.3 20.0 30.0#
65 70.2 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 53.693 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

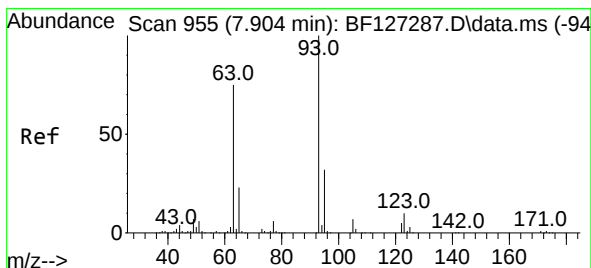
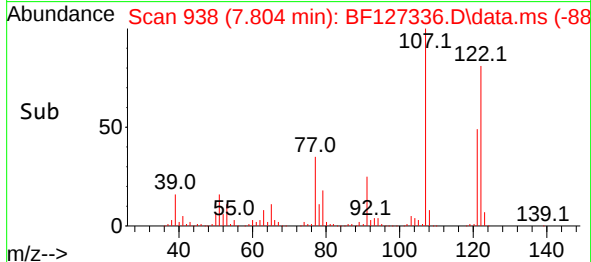
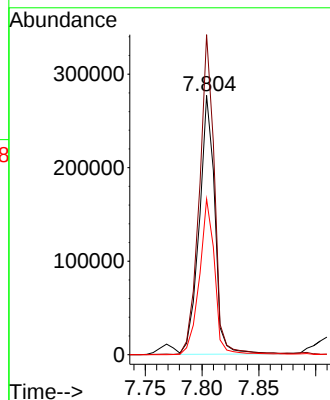
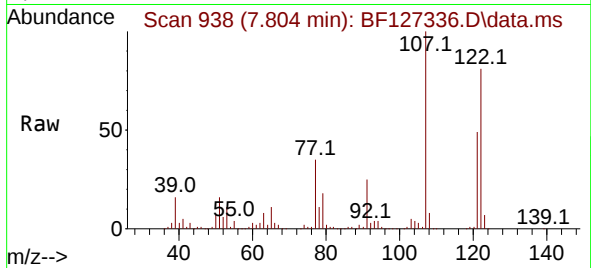
COMP-5MSD

Tgt Ion:122 Resp: 26294
 Ion Ratio Lower Upper
 122 100
 107 123.5 91.2 136.8
 121 60.1 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.774 ng

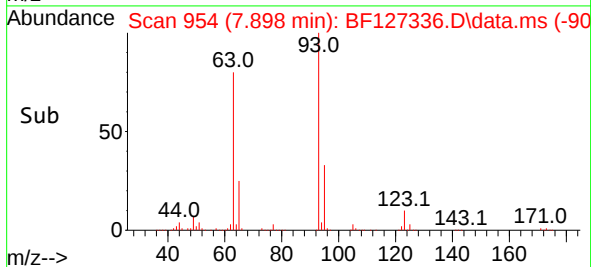
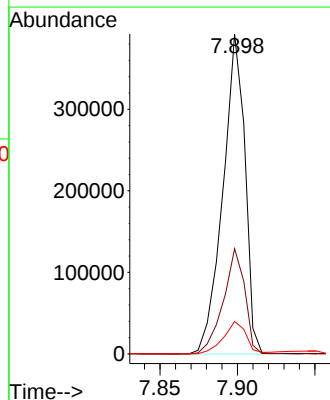
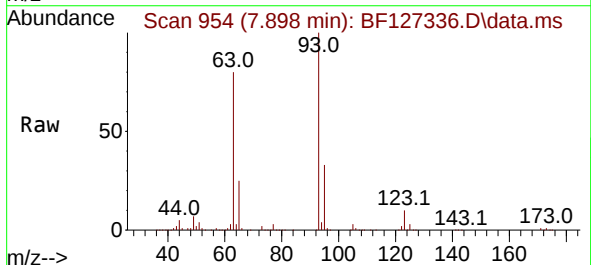
RT: 7.898 min Scan# 954

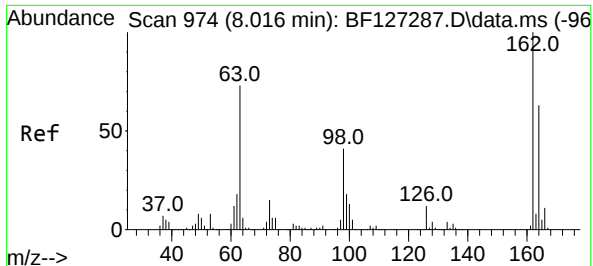
Delta R.T. -0.006 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Tgt Ion: 93 Resp: 388424
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.4 38.2
 123 10.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 45.952 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127336.D

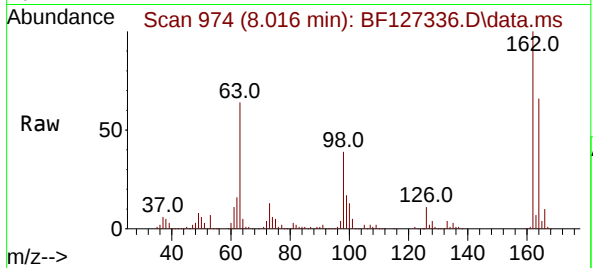
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD



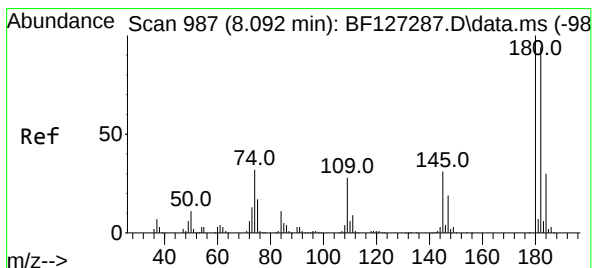
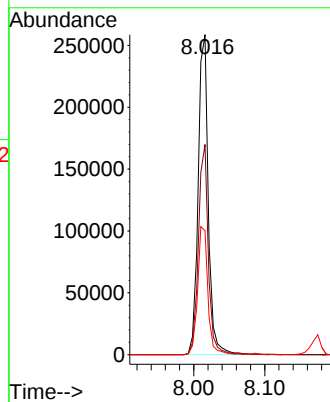
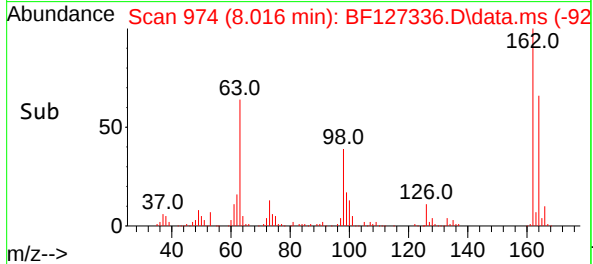
Tgt Ion:	162	Resp:	25771
Ion Ratio	Lower	Upper	
162	100		
164	65.7	43.8	83.8
98	38.8	23.6	63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.374 ng

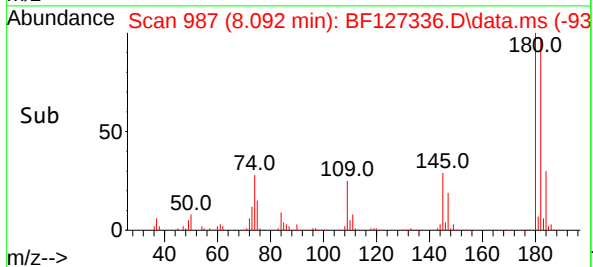
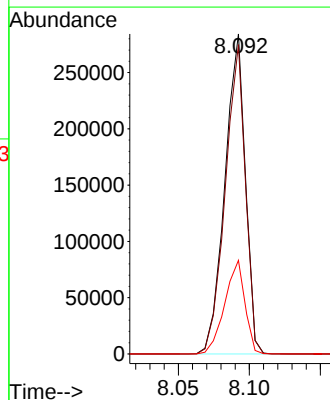
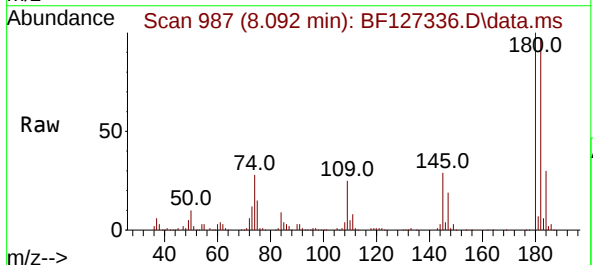
RT: 8.092 min Scan# 987

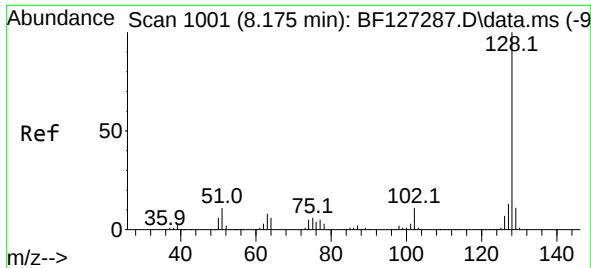
Delta R.T. -0.000 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Tgt Ion:	180	Resp:	283716
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.5	113.3
145	29.2	26.2	39.2





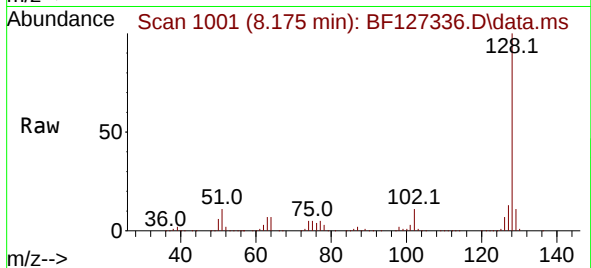
#31
Naphthalene
Concen: 44.856 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

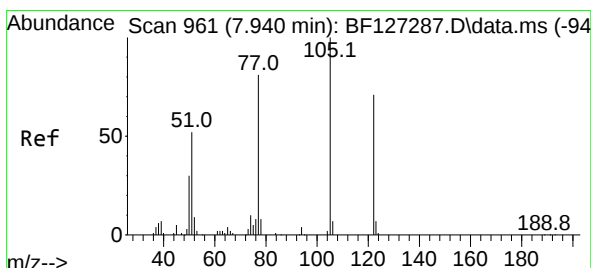
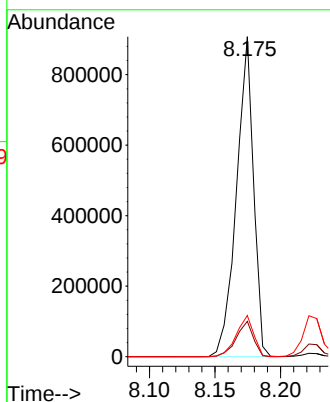
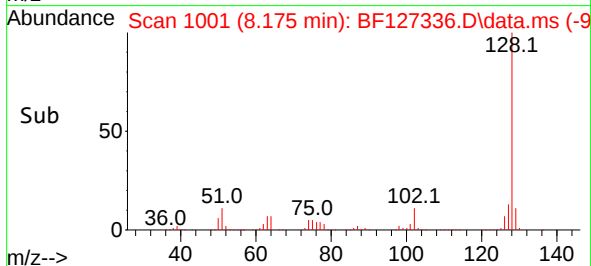


Tgt Ion:128 Resp: 82302
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.3 15.5

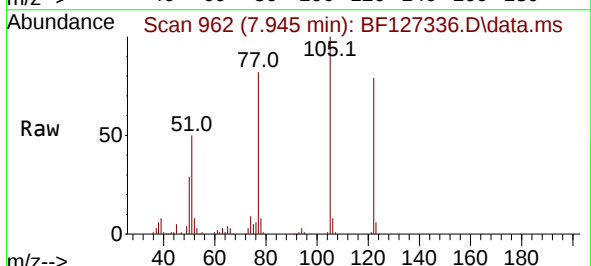
Manual Integrations

APPROVED

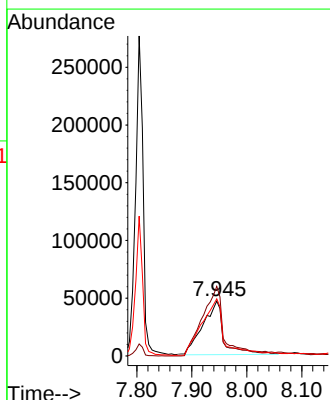
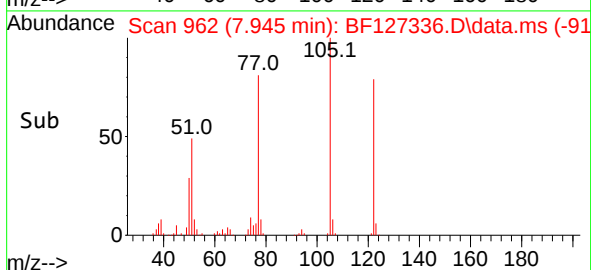
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

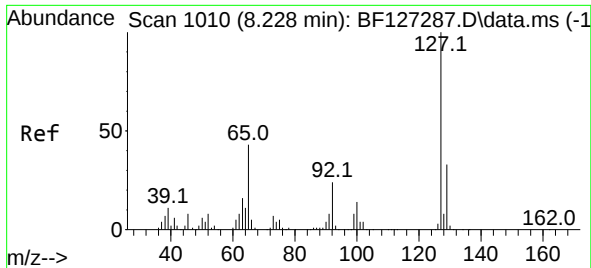


#32
Benzoic acid
Concen: 38.168 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.005 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:122 Resp: 124563
Ion Ratio Lower Upper
122 100
105 126.8 101.0 141.0
77 104.1 74.5 114.5





#33
4-Chloroaniline
Concen: 17.821 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

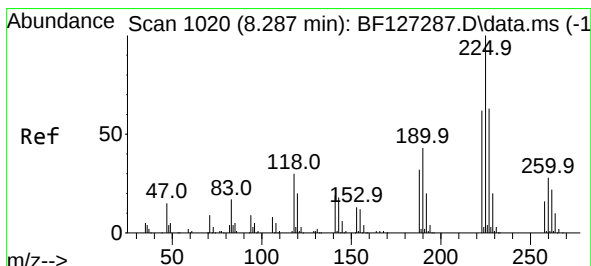
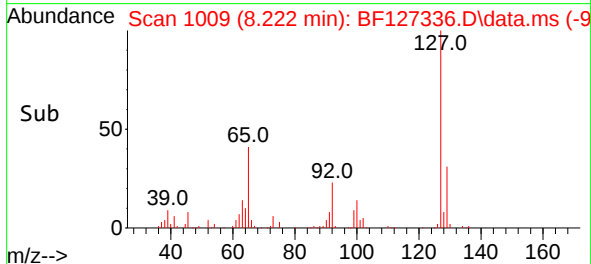
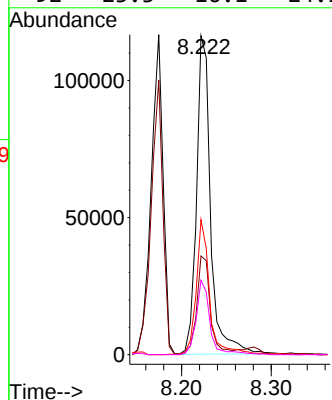
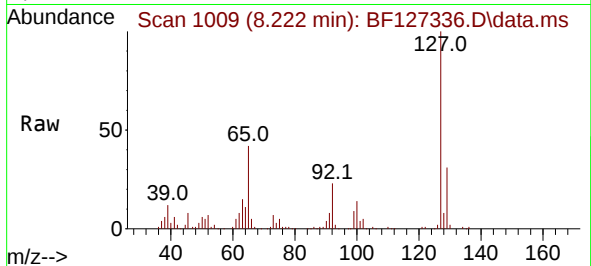
COMP-5MSD

Tgt Ion:	127	Resp:	126744
Ion Ratio	Lower	Upper	
127	100		
129	31.0	26.5	39.7
65	42.3	26.6	39.8
92	23.3	16.1	24.1

Manual Integrations

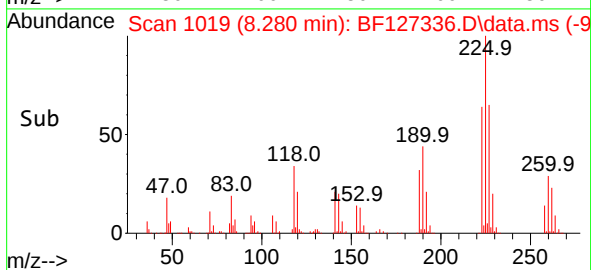
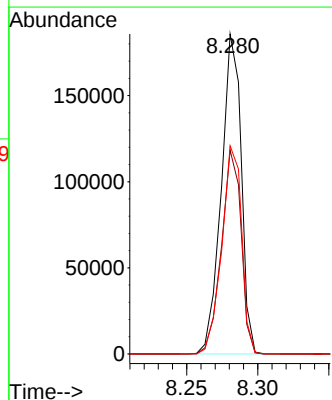
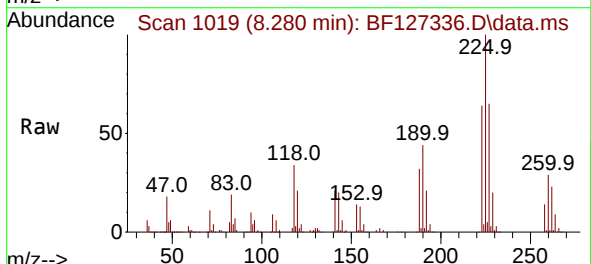
APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#34
Hexachlorobutadiene
Concen: 42.296 ng
RT: 8.280 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

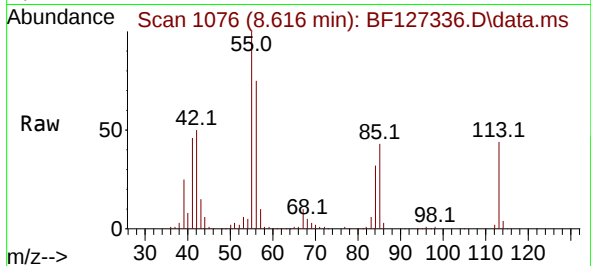
Tgt Ion:	225	Resp:	180334
Ion Ratio	Lower	Upper	
225	100		
223	63.6	48.6	73.0
227	65.1	51.4	77.0





#35
 Caprolactam
 Concen: 47.159 ng m
 RT: 8.616 min Scan# 1075
 Delta R.T. 0.006 min
 Lab File: BF127336.D
 Acq: 15 Mar 2022 21:10

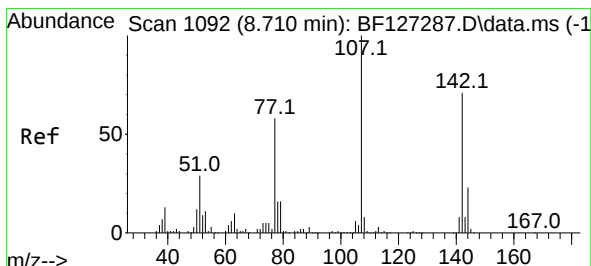
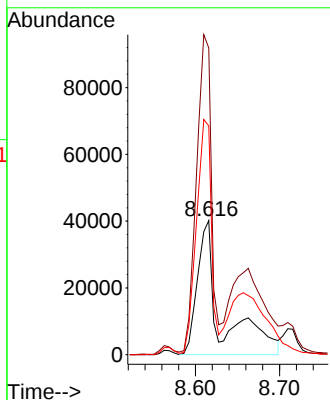
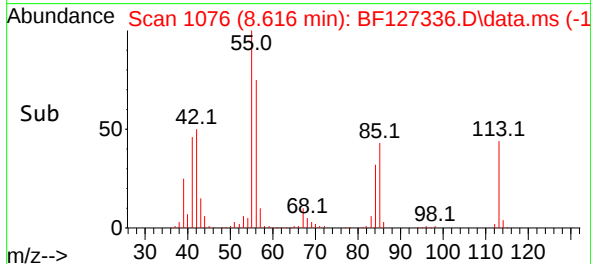
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD



Tgt Ion:113 Resp: 7901
 Ion Ratio Lower Upper
 113 100
 55 228.9 183.9 223.9
 56 170.7 129.9 169.9

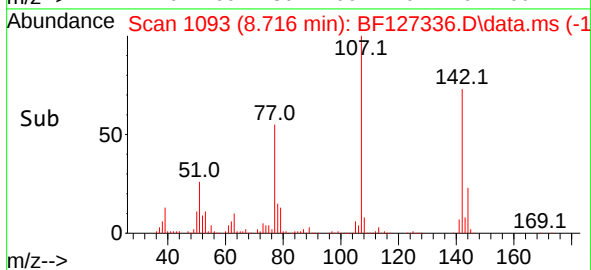
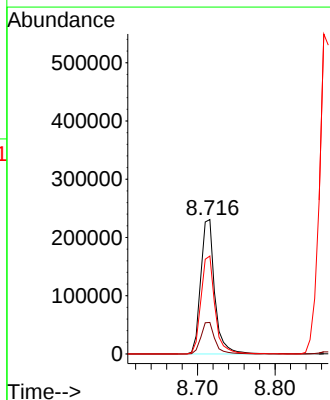
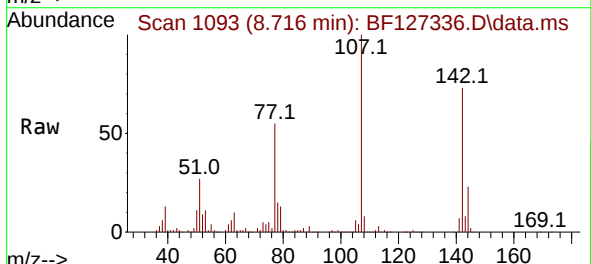
Manual Integrations
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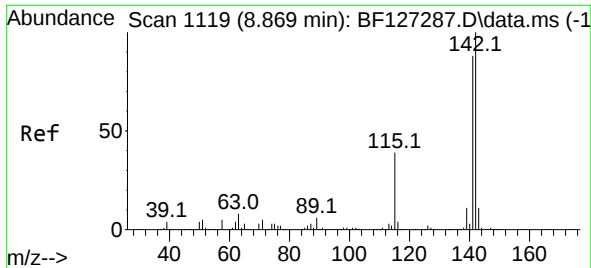
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.803 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF127336.D
 Acq: 15 Mar 2022 21:10

Tgt Ion:107 Resp: 290574
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.5 27.7
 142 72.8 58.1 87.1





#37

2-Methylnaphthalene

Concen: 46.140 ng

RT: 8.863 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

Tgt Ion:142 Resp: 553174

Ion Ratio Lower Upper

142 100

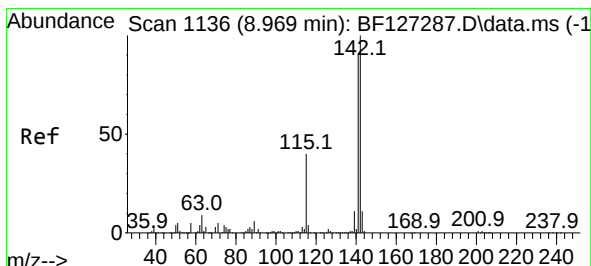
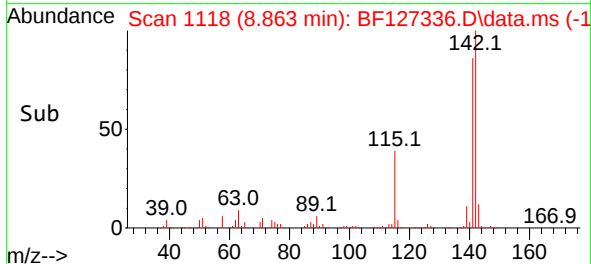
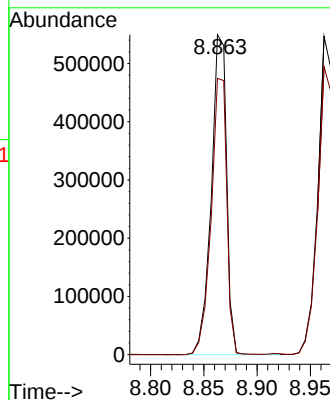
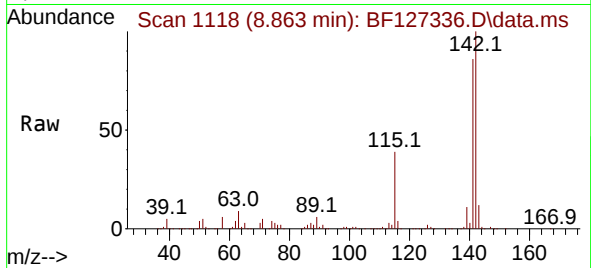
141 86.4 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#38

1-Methylnaphthalene

Concen: 45.990 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127336.D

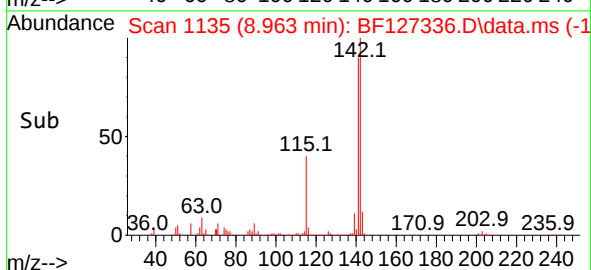
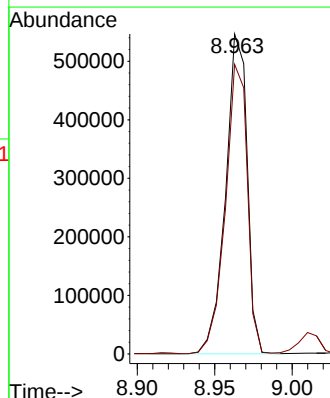
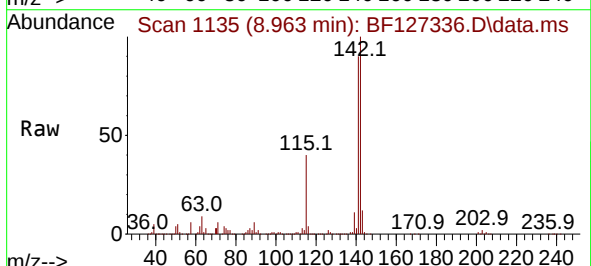
Acq: 15 Mar 2022 21:10

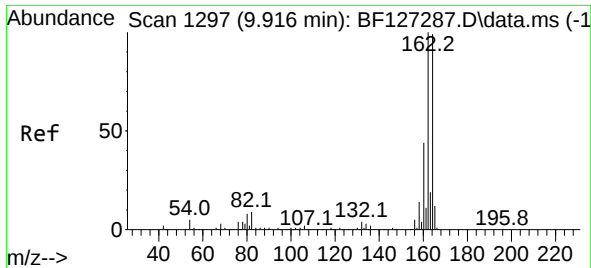
Tgt Ion:142 Resp: 530067

Ion Ratio Lower Upper

142 100

141 90.5 72.1 108.1





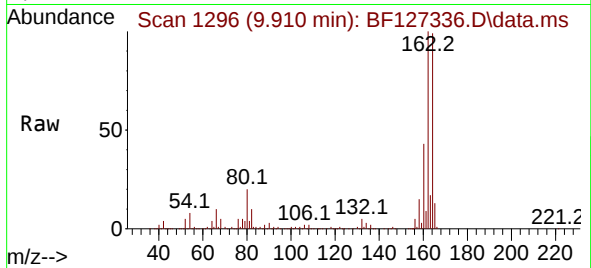
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

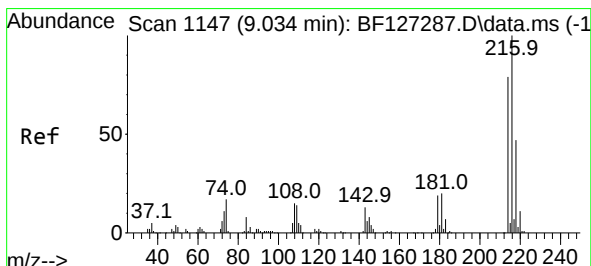
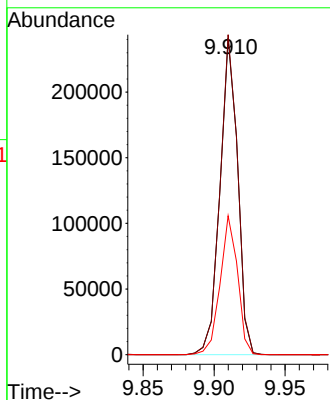
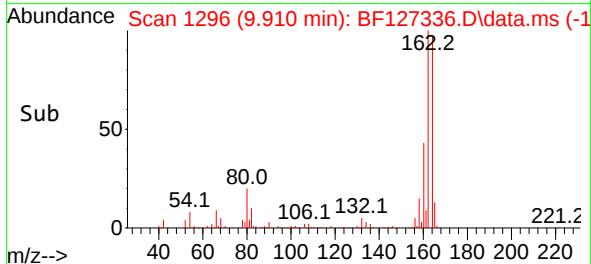


Tgt Ion:164 Resp: 20836
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.9 36.6 54.8

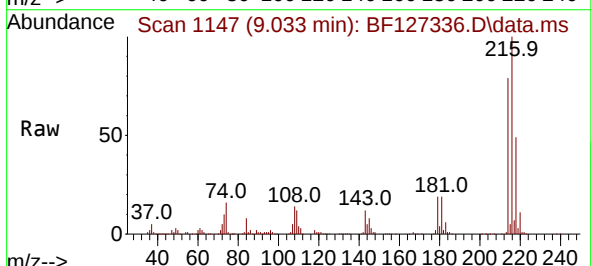
Manual Integrations

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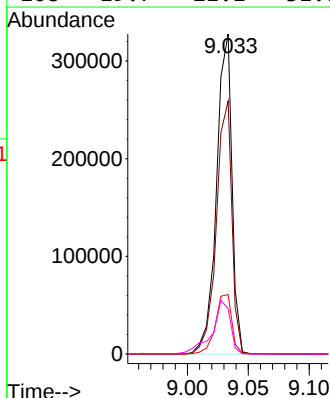
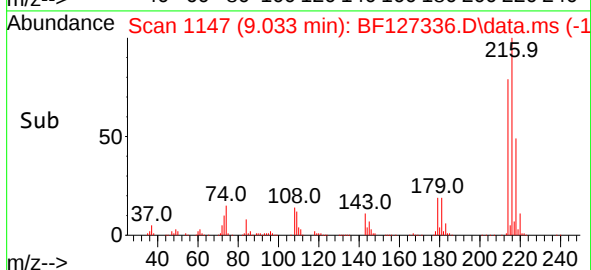
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

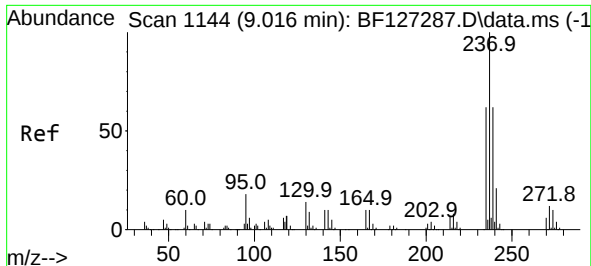


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.866 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



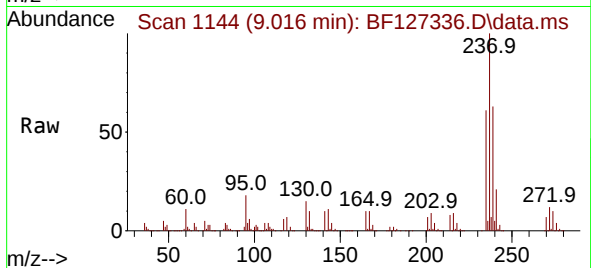
Tgt Ion:216 Resp: 289352
Ion Ratio Lower Upper
216 100
214 79.4 64.6 96.8
179 19.5 19.5 29.3
108 19.7 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 105.902 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

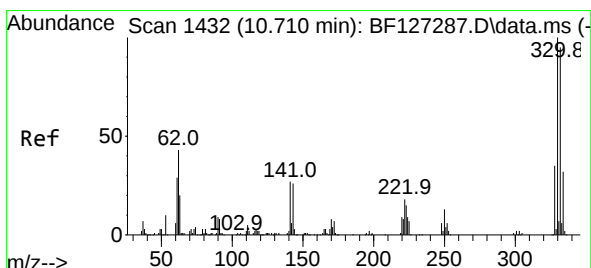
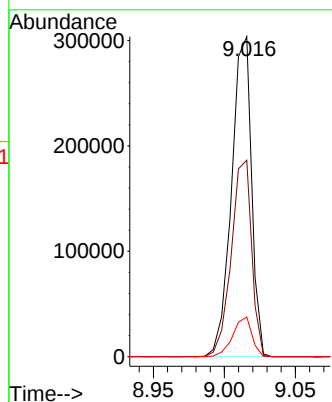
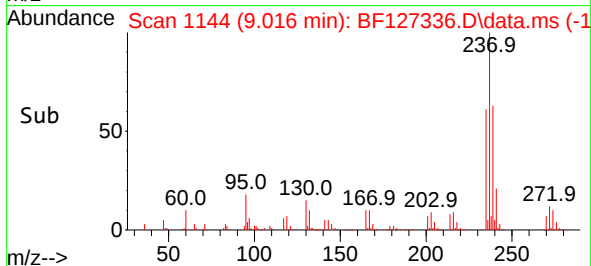
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



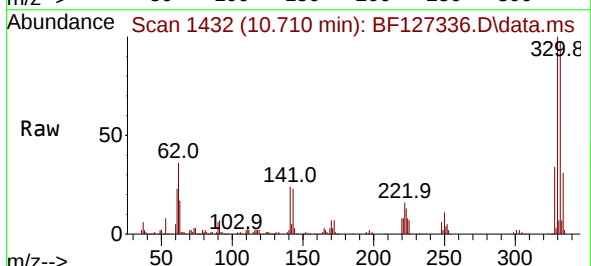
Tgt Ion:237 Resp: 297209
Ion Ratio Lower Upper
237 100
235 61.4 38.9 78.9
272 12.4 0.0 33.5

Manual Integrations
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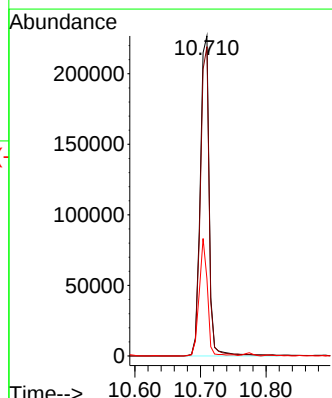
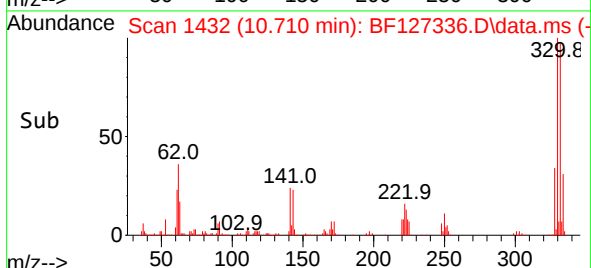
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

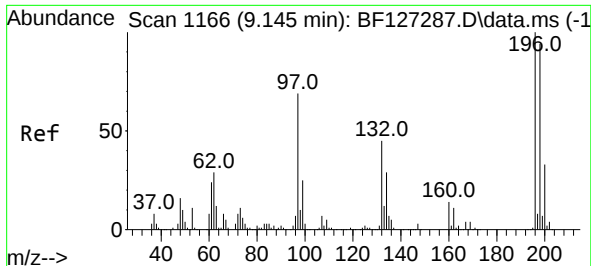


#42
2,4,6-Tribromophenol
Concen: 96.423 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:330 Resp: 216281
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 33.8 30.1 45.1





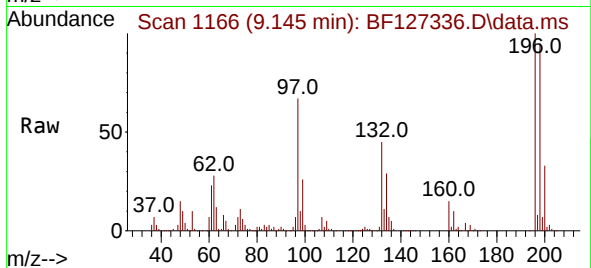
#43
2,4,6-Trichlorophenol
Concen: 45.420 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

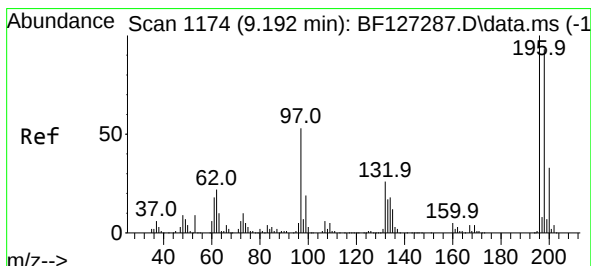
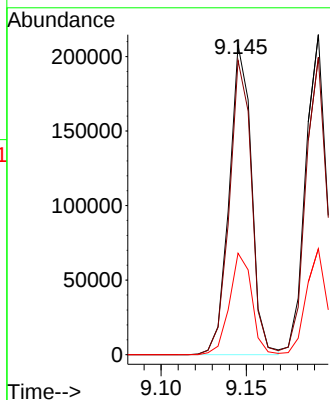
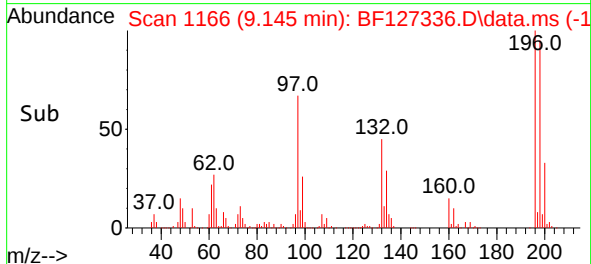


Tgt Ion:196 Resp: 189089
Ion Ratio Lower Upper
196 100
198 95.0 78.5 117.7
200 32.7 24.9 37.3

Manual Integrations

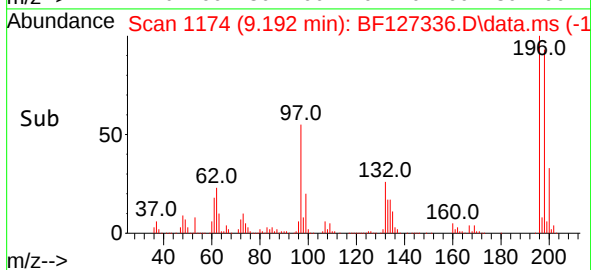
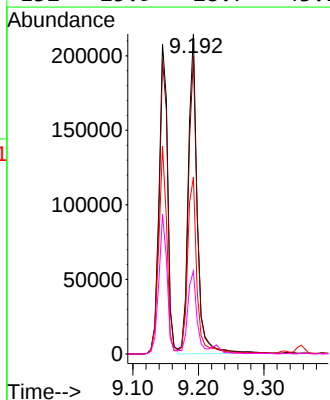
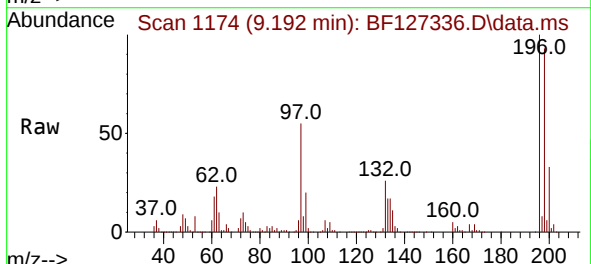
APPROVED

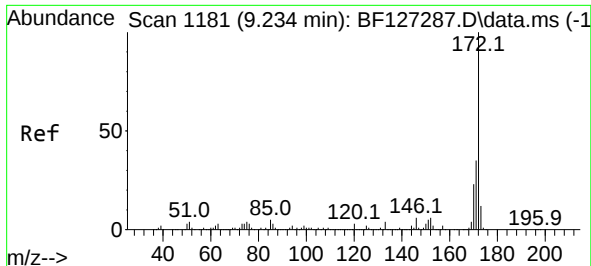
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#44
2,4,5-Trichlorophenol
Concen: 45.824 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

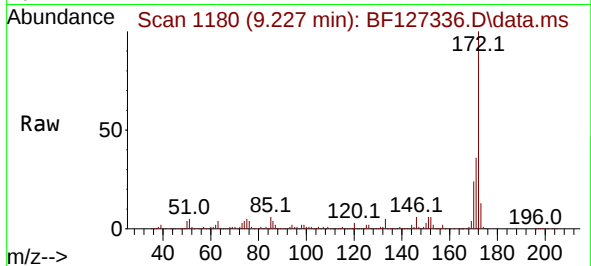
Tgt Ion:196 Resp: 202473
Ion Ratio Lower Upper
196 100
198 92.9 82.0 123.0
97 55.2 53.5 80.3
132 25.9 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 65.676 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

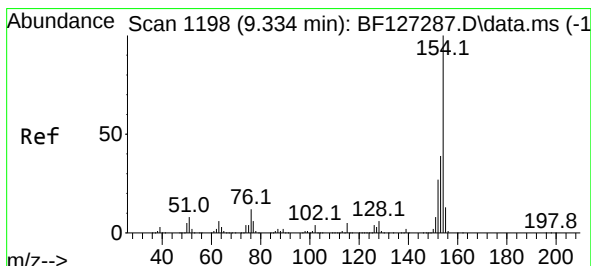
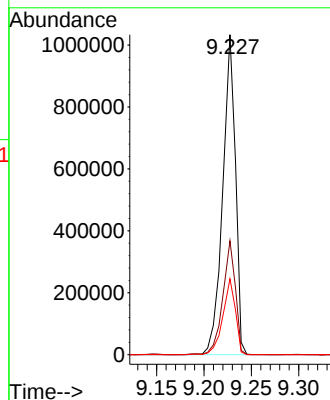
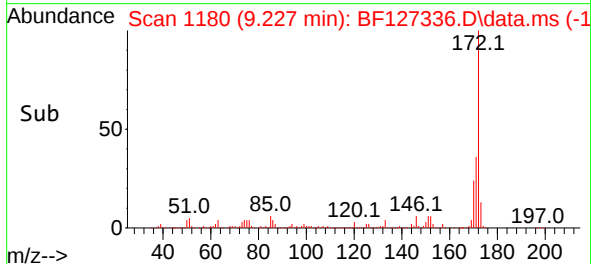
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion:172 Resp: 967948
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.0 28.6

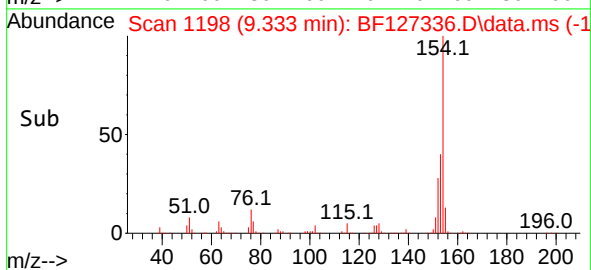
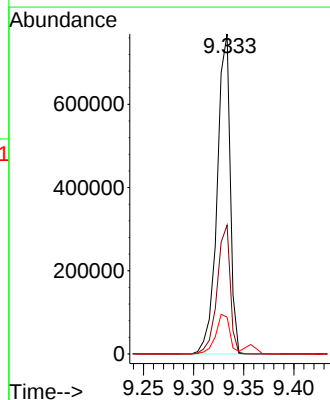
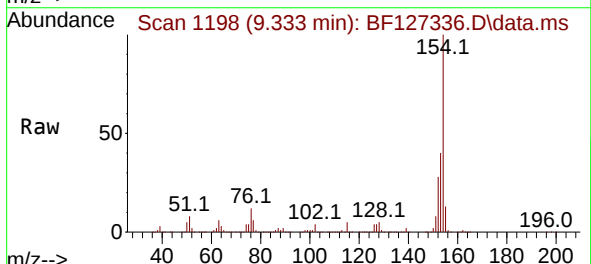
Manual Integrations
APPROVED

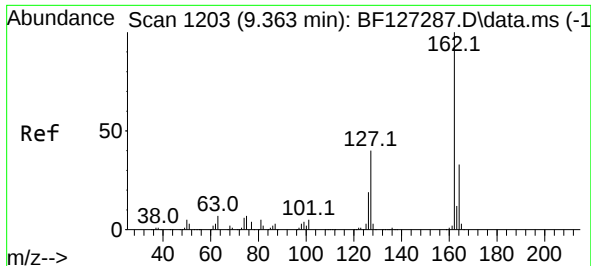
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#46
1,1'-Biphenyl
Concen: 44.238 ng
RT: 9.333 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:154 Resp: 695709
Ion Ratio Lower Upper
154 100
153 40.3 19.0 59.0
76 11.5 0.0 34.5





#47
2-Chloronaphthalene
Concen: 44.210 ng
RT: 9.357 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

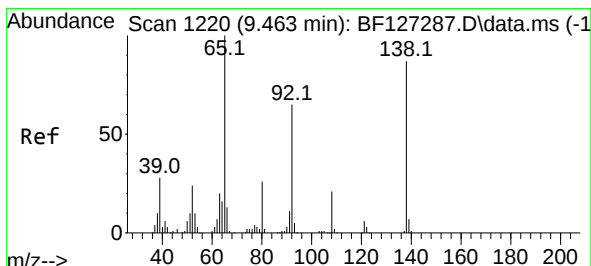
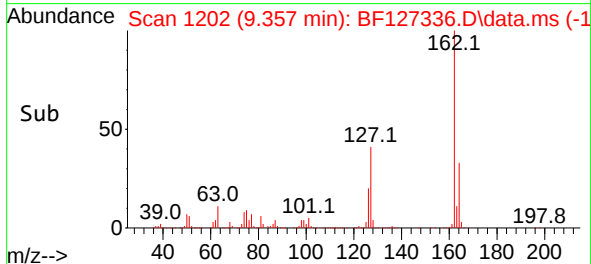
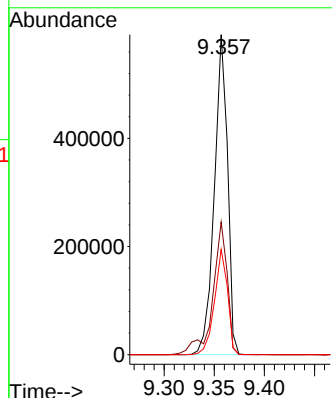
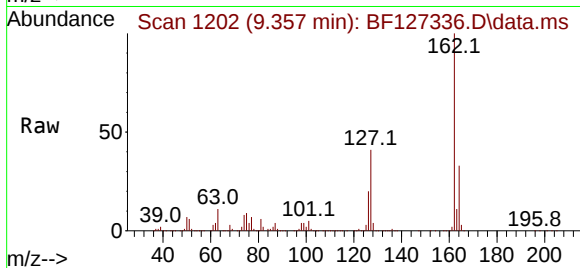
COMP-5MSD

Tgt Ion:162 Resp: 54121
Ion Ratio Lower Upper
162 100
127 41.4 33.5 50.3
164 32.9 26.2 39.4

Manual Integrations

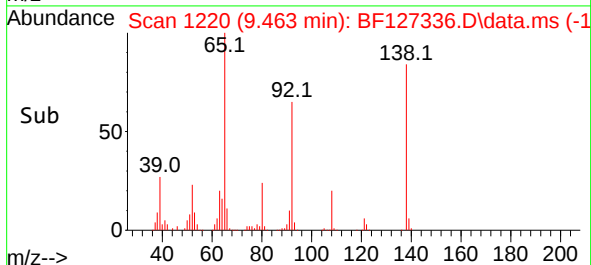
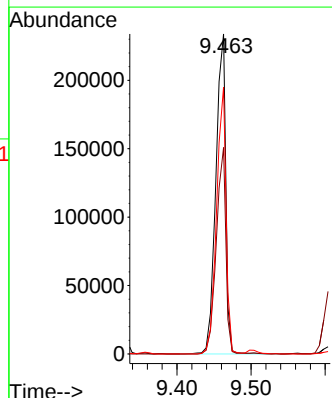
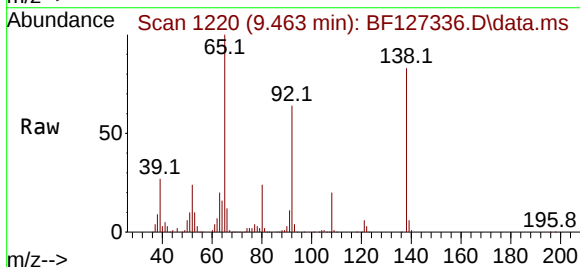
APPROVED

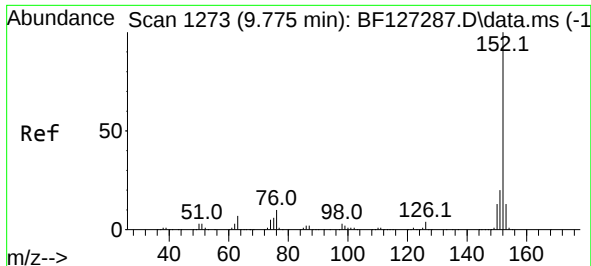
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#48
2-Nitroaniline
Concen: 45.934 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion: 65 Resp: 216356
Ion Ratio Lower Upper
65 100
92 64.5 54.4 81.6
138 83.4 72.5 108.7





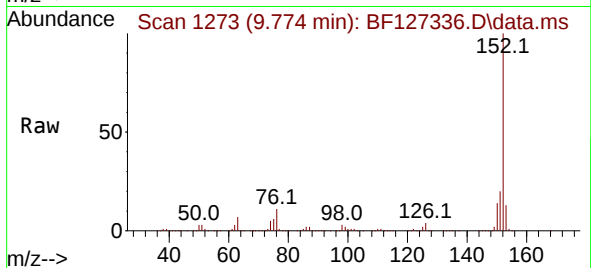
#49
Acenaphthylene
Concen: 46.607 ng
RT: 9.774 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

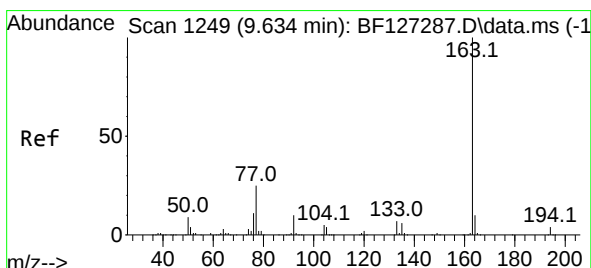
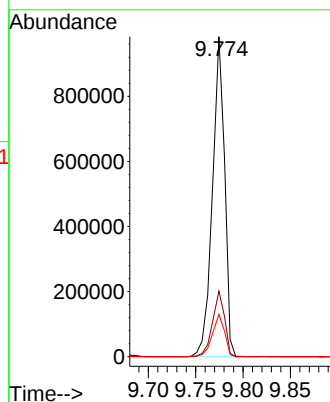
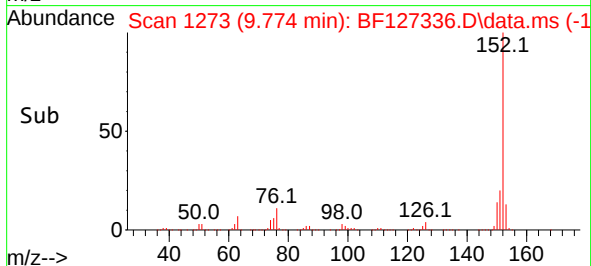


Tgt Ion:152 Resp: 873138
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.2 11.4 17.0

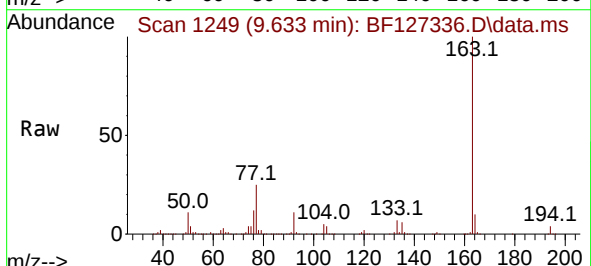
Manual Integrations

APPROVED

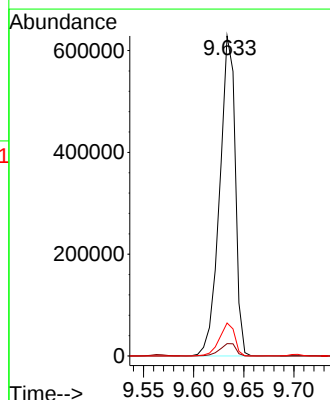
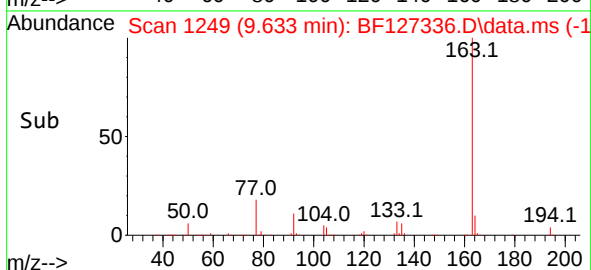
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

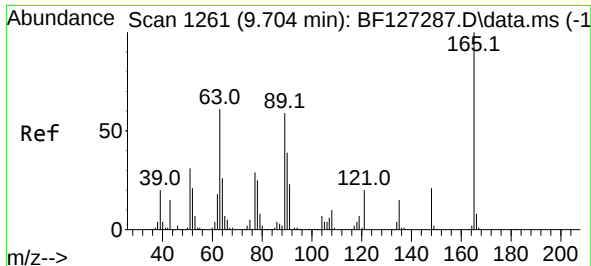


#50
Dimethylphthalate
Concen: 45.556 ng
RT: 9.633 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:163 Resp: 680194
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 48.239 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

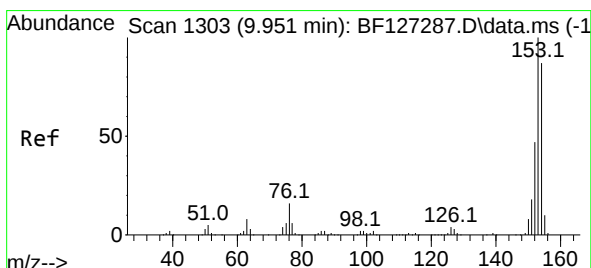
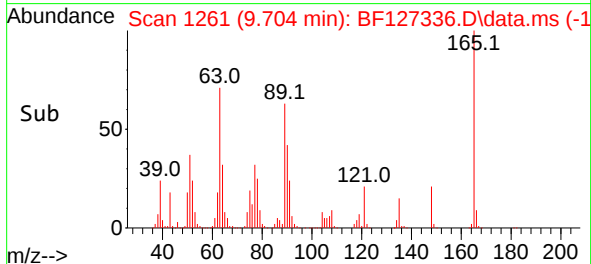
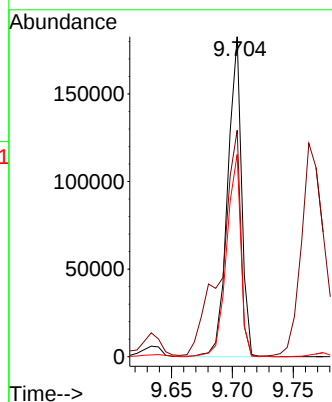
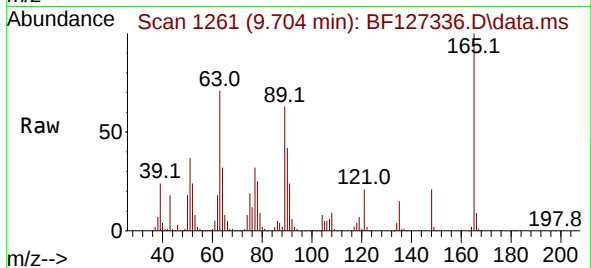
COMP-5MSD

Tgt Ion:165 Resp: 14569
Ion Ratio Lower Upper
165 100
63 70.7 48.4 72.6
89 63.2 50.5 75.7

Manual Integrations

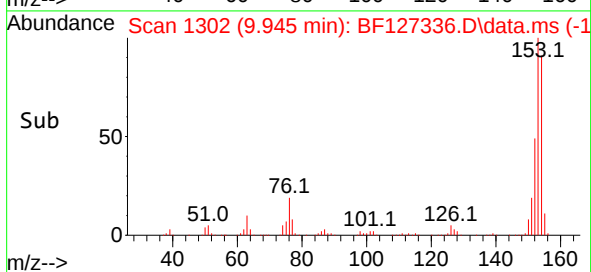
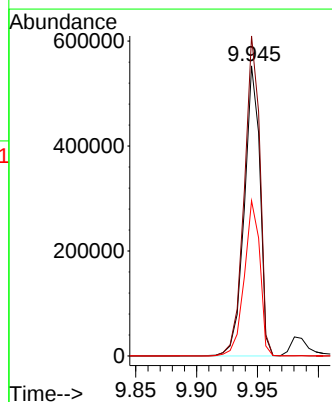
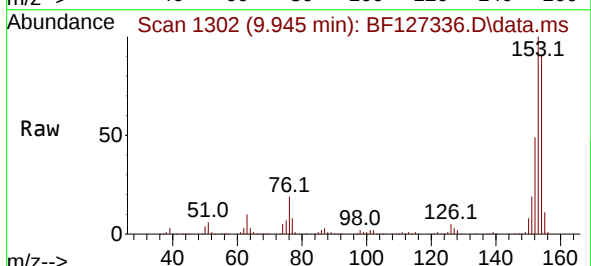
APPROVED

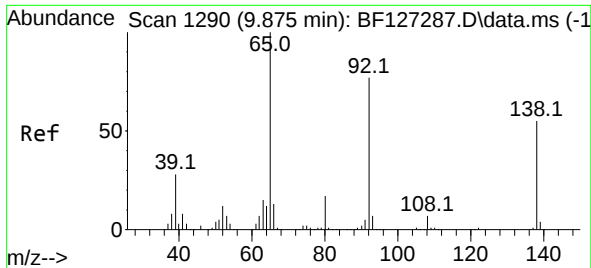
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#52
Acenaphthene
Concen: 44.393 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:154 Resp: 495746
Ion Ratio Lower Upper
154 100
153 110.3 87.8 131.6
152 53.5 39.4 59.2





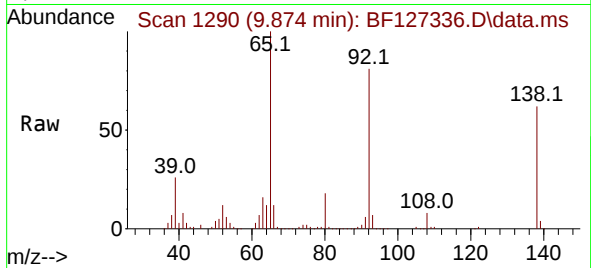
#53
3-Nitroaniline
Concen: 25.394 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

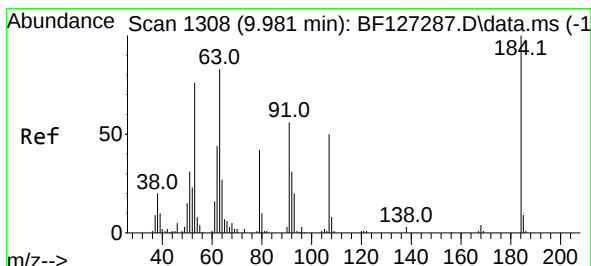
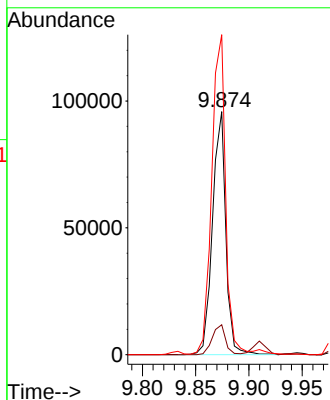
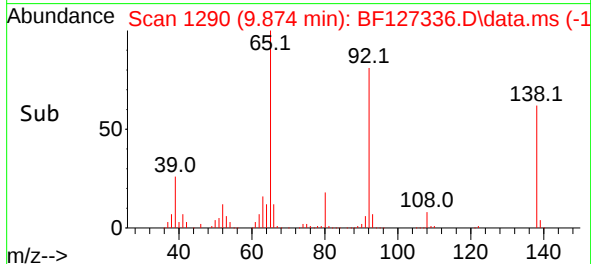


Tgt Ion:138 Resp: 83579
Ion Ratio Lower Upper
138 100
108 12.3 8.6 13.0
92 131.7 105.0 157.6

Manual Integrations

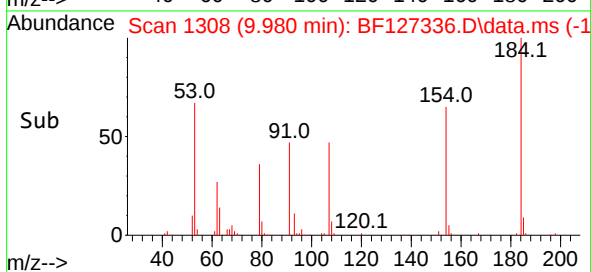
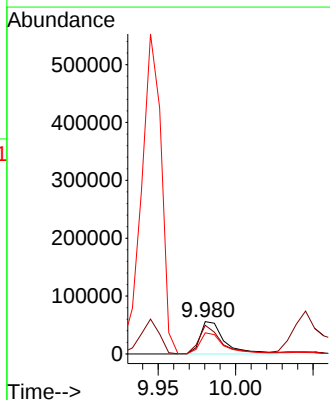
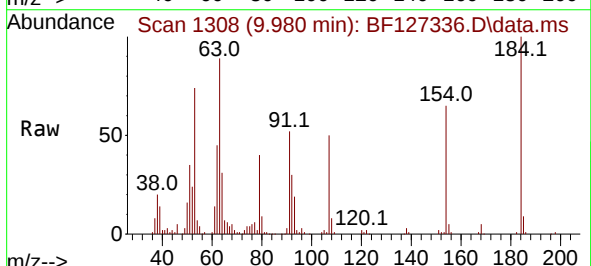
APPROVED

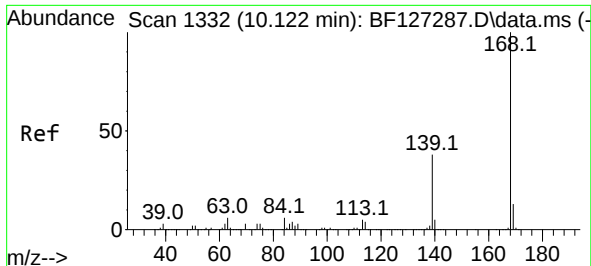
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#54
2,4-Dinitrophenol
Concen: 39.164 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.001 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

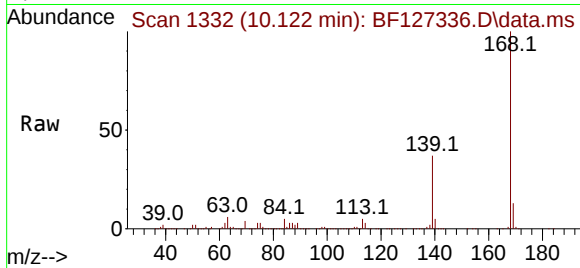
Tgt Ion:184 Resp: 61754
Ion Ratio Lower Upper
184 100
63 88.7 70.4 105.6
154 65.1 49.7 74.5





#55
Dibenzenofuran
Concen: 42.779 ng
RT: 10.122 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

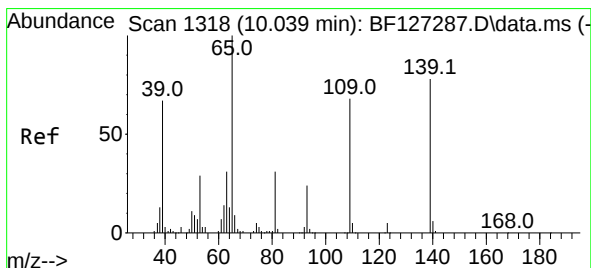
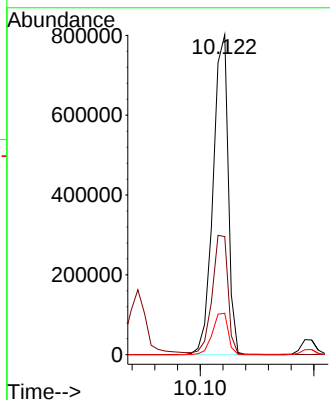
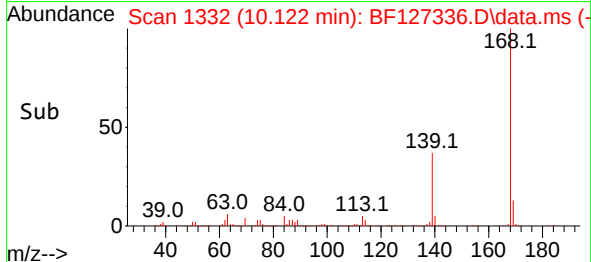
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion:168 Resp: 742168
Ion Ratio Lower Upper
168 100
139 36.9 30.6 46.0
169 13.0 10.0 15.0

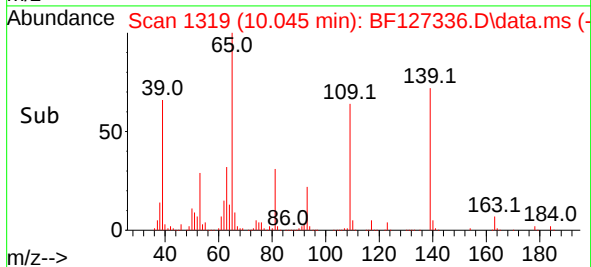
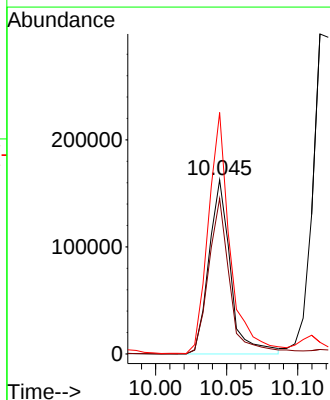
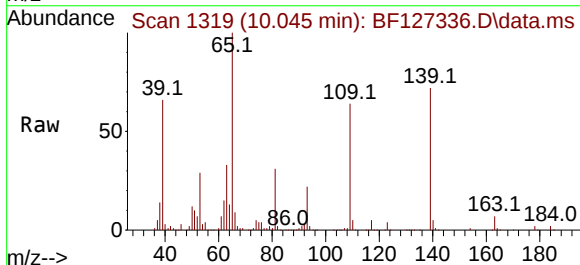
Manual Integrations
APPROVED

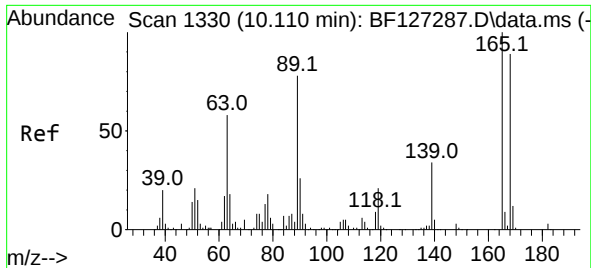
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#56
4-Nitrophenol
Concen: 85.770 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:139 Resp: 171581
Ion Ratio Lower Upper
139 100
109 89.3 44.1 84.1#
65 138.7 85.5 125.5#





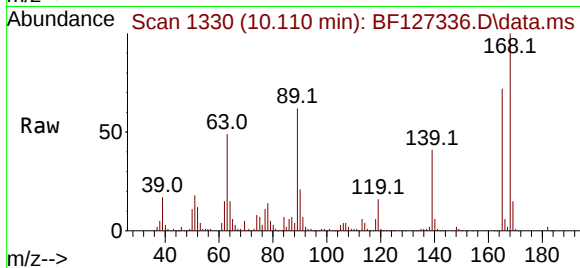
#57
2,4-Dinitrotoluene
Concen: 46.142 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

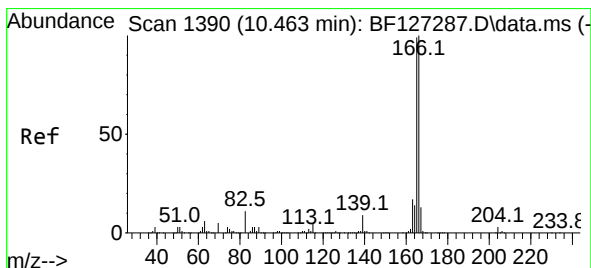
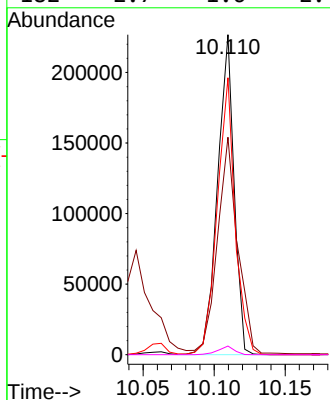
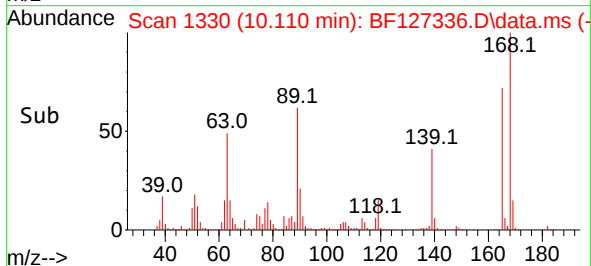


Tgt Ion:165 Resp: 18335
Ion Ratio Lower Upper
165 100
63 67.9 43.0 64.6
89 86.5 71.0 106.4
182 2.7 1.6 2.4#

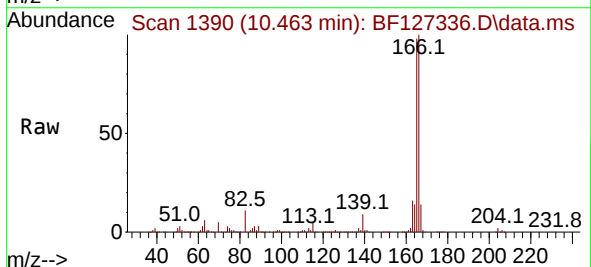
Manual Integrations

APPROVED

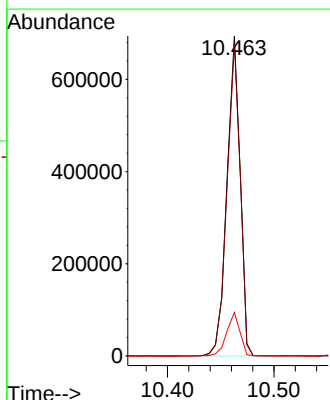
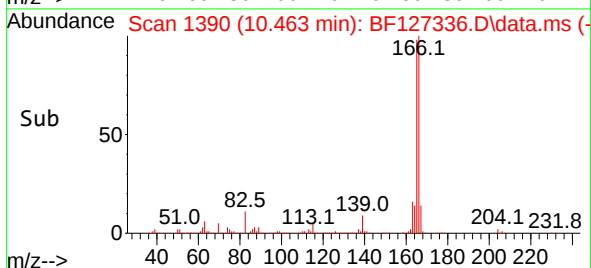
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#58
Fluorene
Concen: 44.284 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



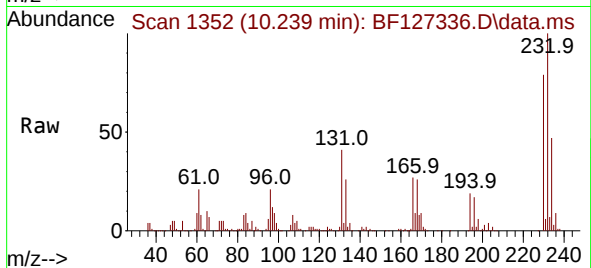
Tgt Ion:166 Resp: 595734
Ion Ratio Lower Upper
166 100
165 97.7 77.7 116.5
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.663 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

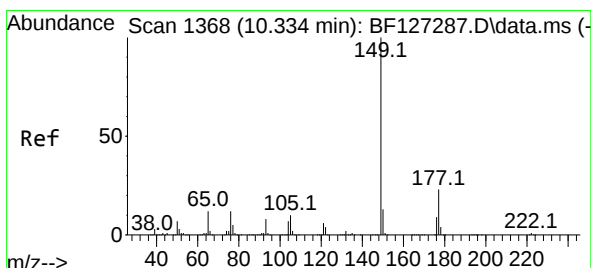
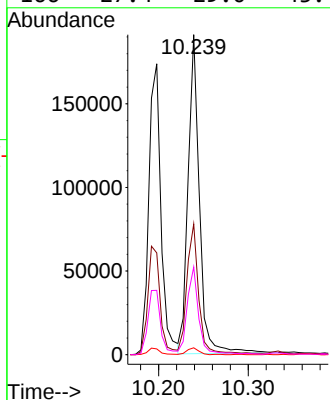
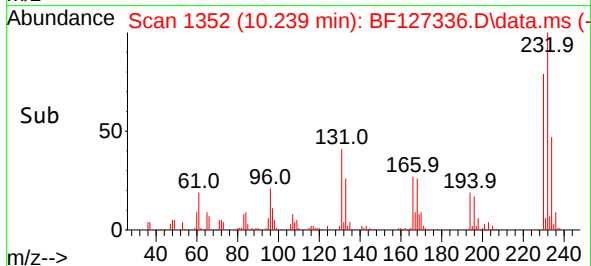
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion:232 Resp: 167668
Ion Ratio Lower Upper
232 100
131 41.4 50.0 75.0
130 2.3 2.2 3.2
166 27.4 29.0 43.4#

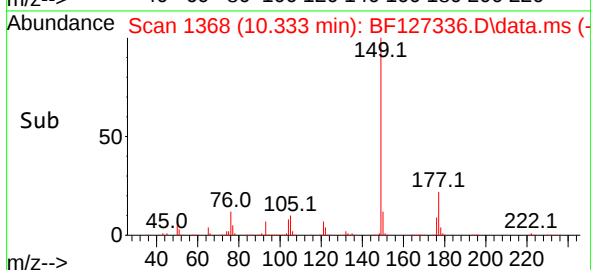
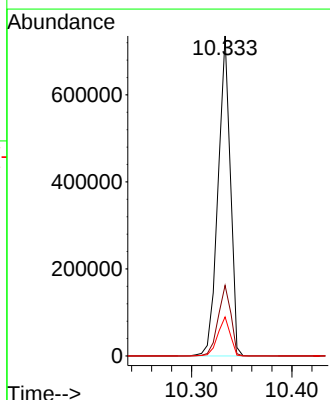
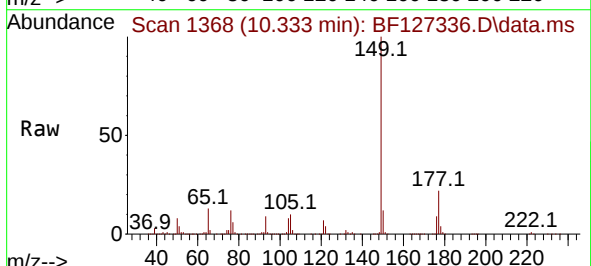
Manual Integrations
APPROVED

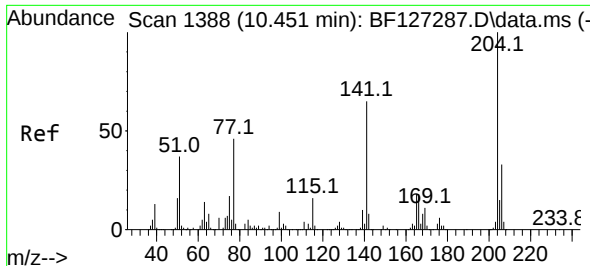
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#60
Diethylphthalate
Concen: 45.751 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

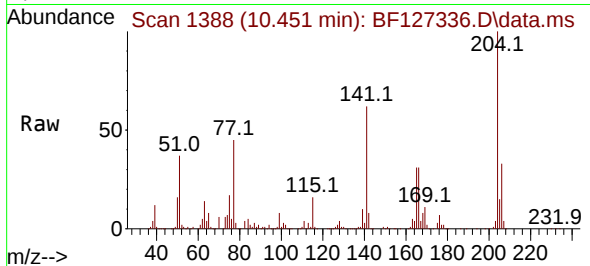
Tgt Ion:149 Resp: 623098
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.884 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

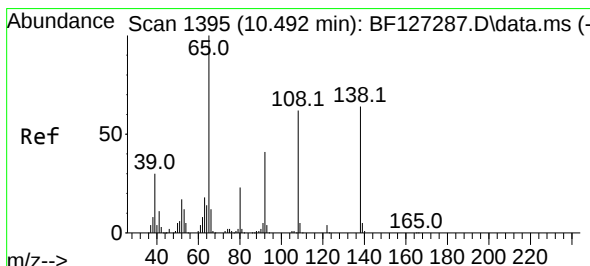
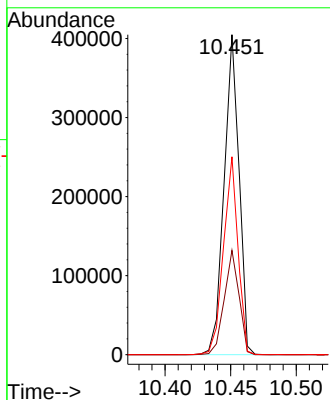
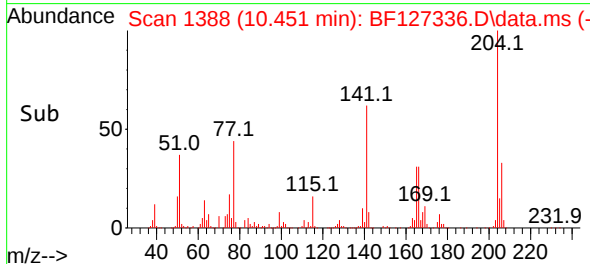
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion:204 Resp: 319934
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 61.8 59.0 88.6

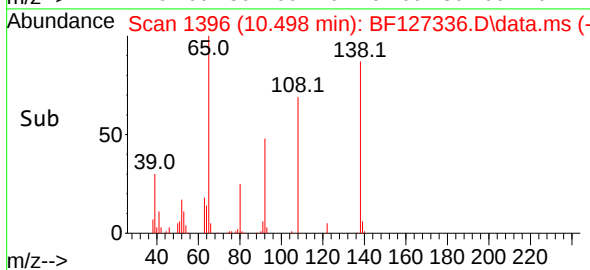
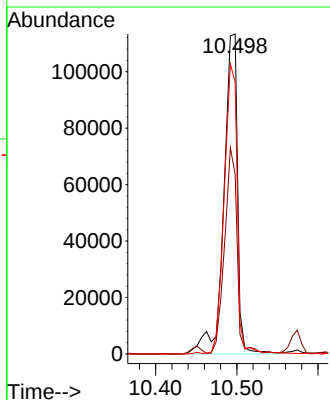
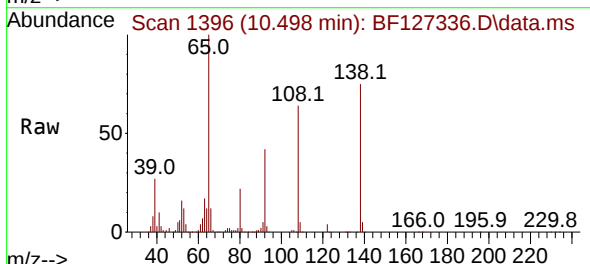
Manual Integrations
APPROVED

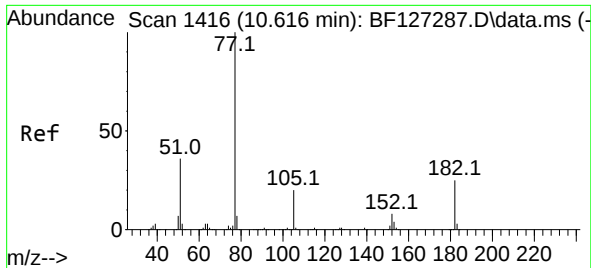
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#62
4-Nitroaniline
Concen: 40.933 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:138 Resp: 134250
Ion Ratio Lower Upper
138 100
92 56.0 36.2 76.2
108 85.0 46.7 86.7





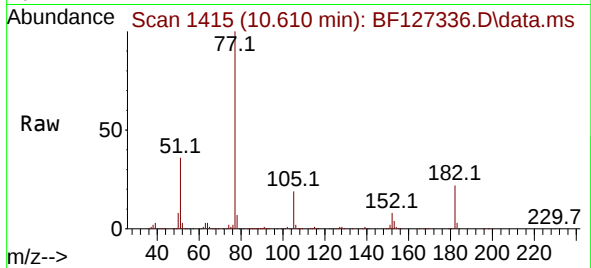
#63
Azobenzene
Concen: 44.280 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

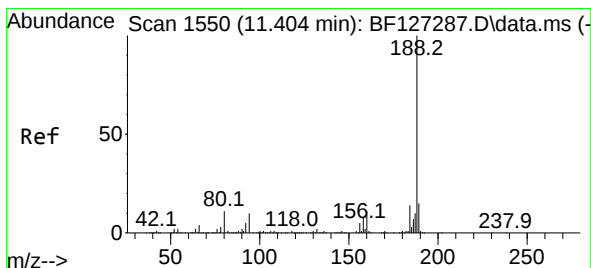
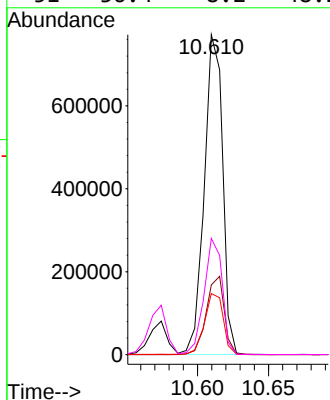
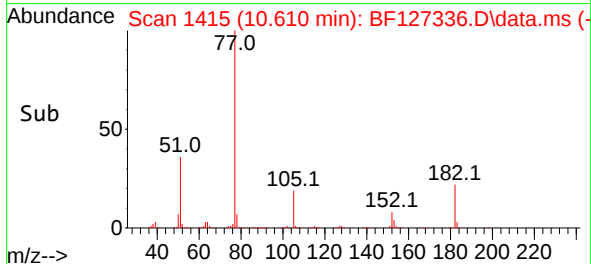


Tgt Ion: 77 Resp: 693225
Ion Ratio Lower Upper
77 100
182 21.8 0.0 39.0
105 19.1 3.2 43.2
51 36.4 8.2 48.2

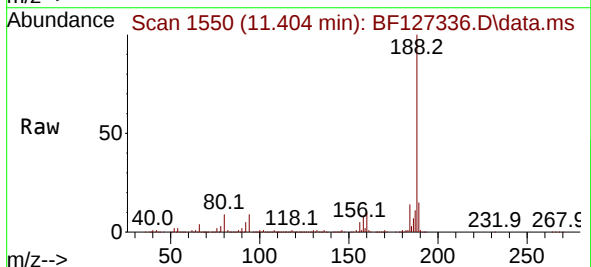
Manual Integrations

APPROVED

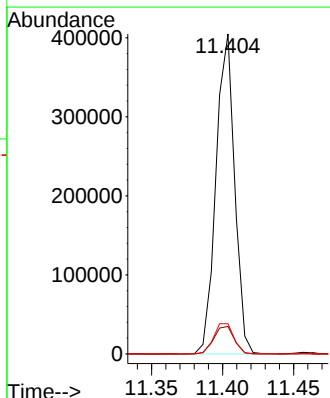
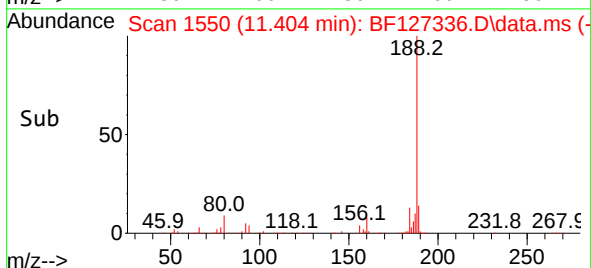
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

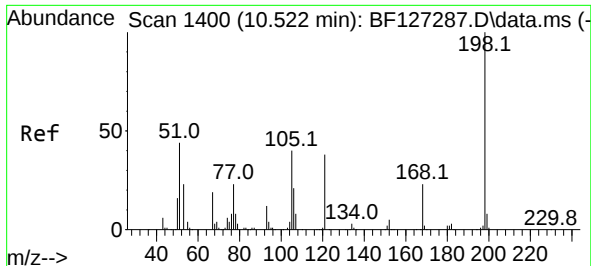


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:188 Resp: 369216
Ion Ratio Lower Upper
188 100
94 8.6 10.1 15.1#
80 9.4 11.8 17.6#





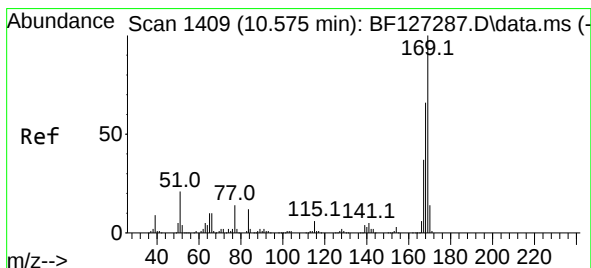
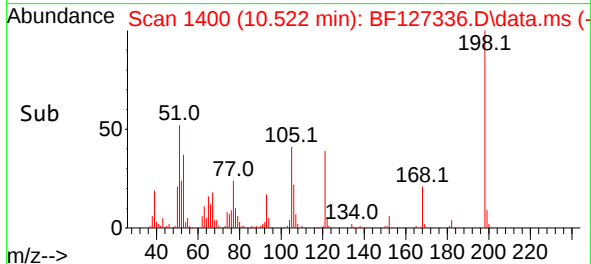
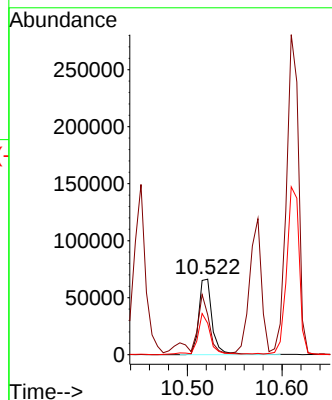
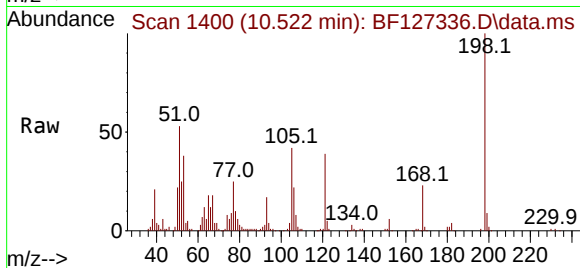
#65
4,6-Dinitro-2-methylphenol
Concen: 28.430 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tgt Ion:198 Resp: 6472
Ion Ratio Lower Upper
198 100
51 52.6 32.0 72.0
105 41.6 32.7 72.7

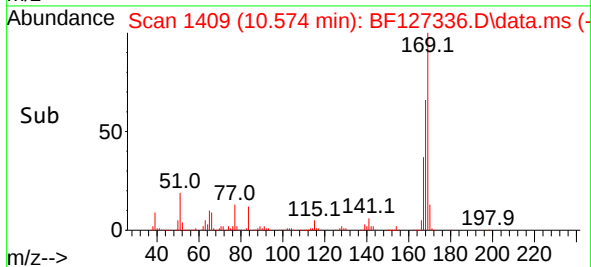
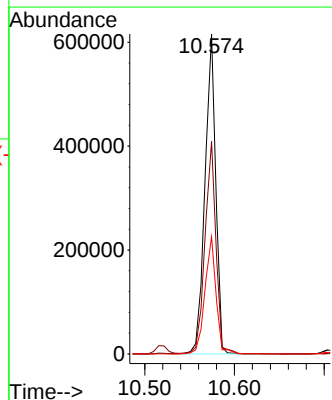
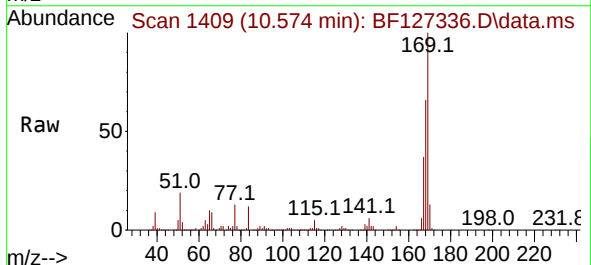
Manual Integrations
APPROVED

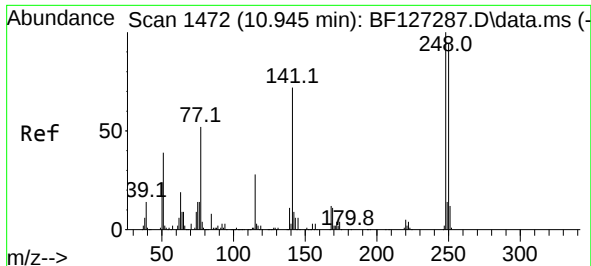
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#66
n-Nitrosodiphenylamine
Concen: 44.765 ng
RT: 10.574 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:169 Resp: 513315
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.770 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

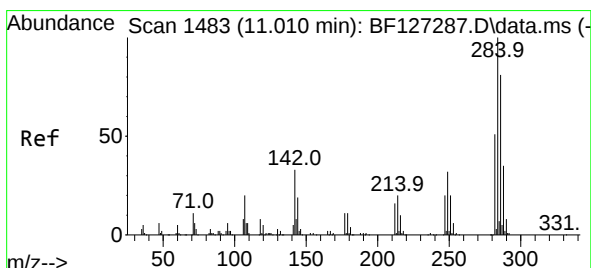
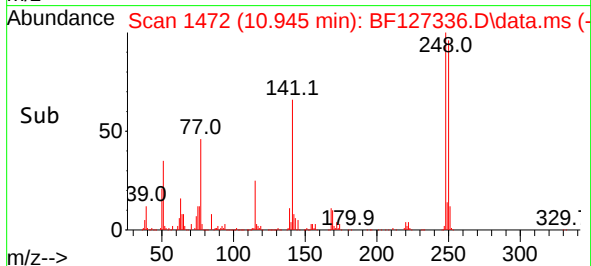
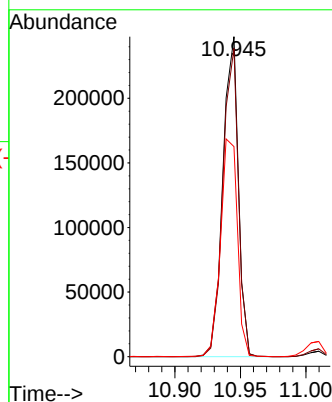
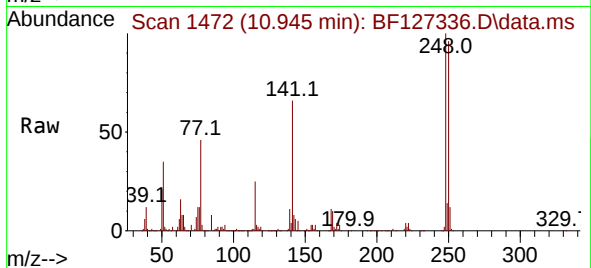
COMP-5MSD

Tgt Ion:248 Resp: 203710
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.4
141 65.6 66.2 99.4

Manual Integrations

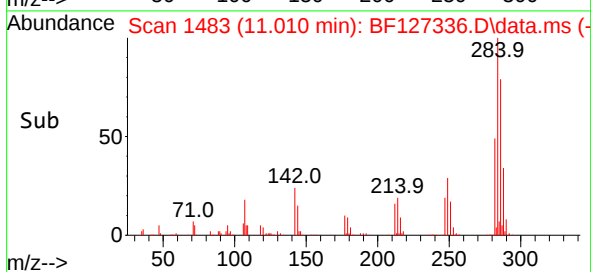
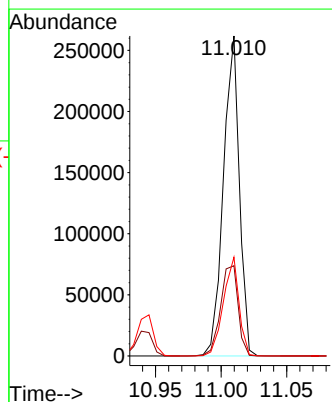
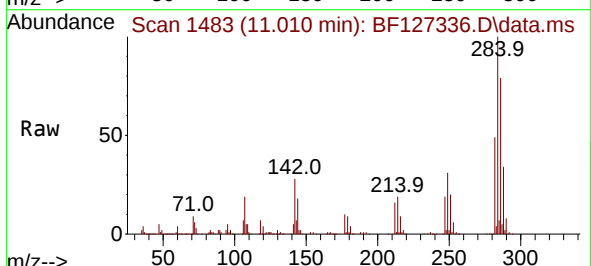
APPROVED

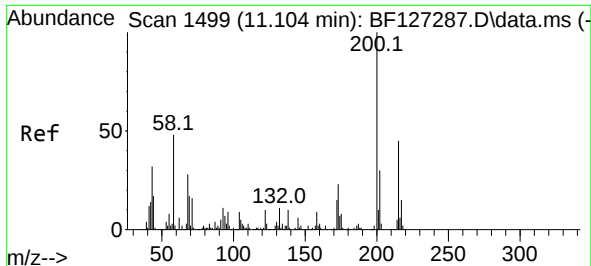
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#68
Hexachlorobenzene
Concen: 45.475 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

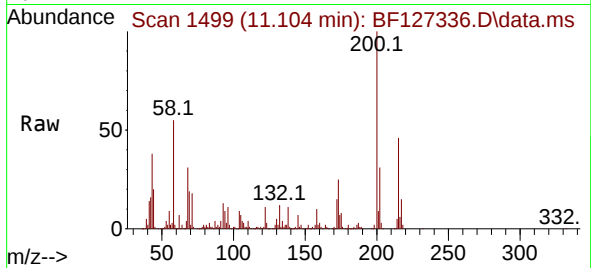
Tgt Ion:284 Resp: 220579
Ion Ratio Lower Upper
284 100
142 28.2 30.7 46.1#
249 30.9 21.1 31.7





#69
 Atrazine
 Concen: 48.751 ng
 RT: 11.104 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: BF127336.D
 Acq: 15 Mar 2022 21:10

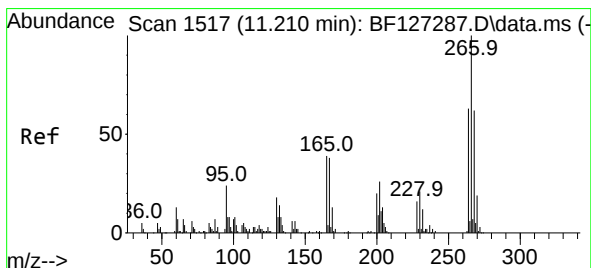
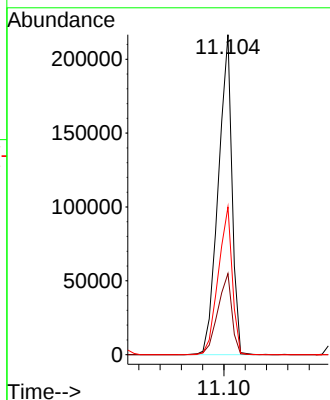
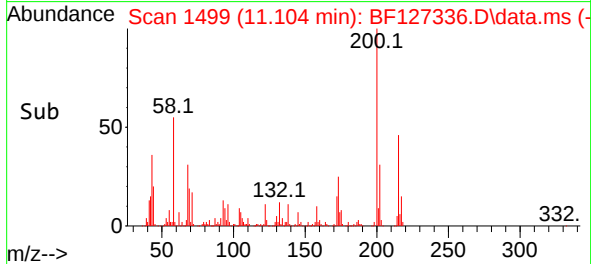
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD



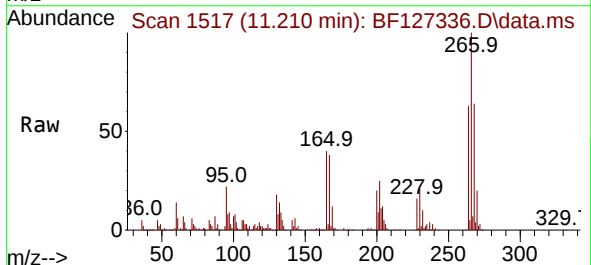
Tgt Ion:200 Resp: 192900
 Ion Ratio Lower Upper
 200 100
 173 25.3 9.2 49.2
 215 46.1 23.2 63.2

Manual Integrations
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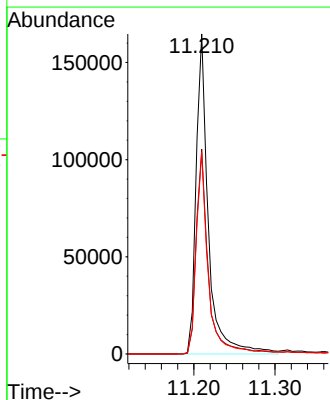
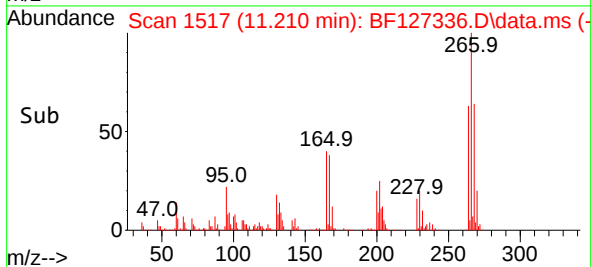
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

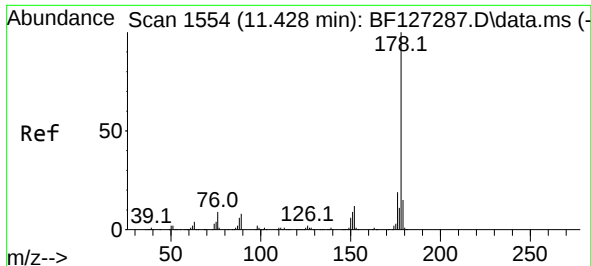


#70
 Pentachlorophenol
 Concen: 88.666 ng
 RT: 11.210 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: BF127336.D
 Acq: 15 Mar 2022 21:10



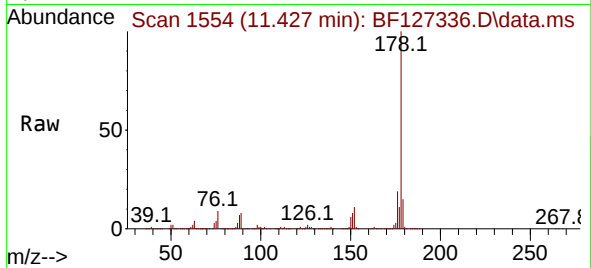
Tgt Ion:266 Resp: 173646
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.3 78.5
 264 62.9 50.4 75.6





#71
Phenanthrene
Concen: 43.255 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

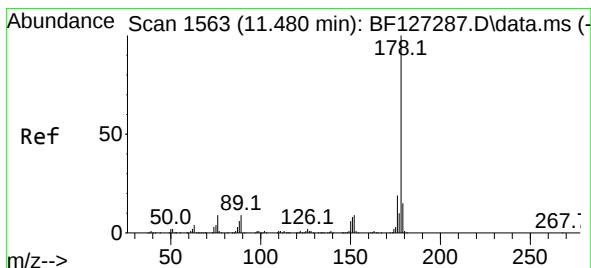
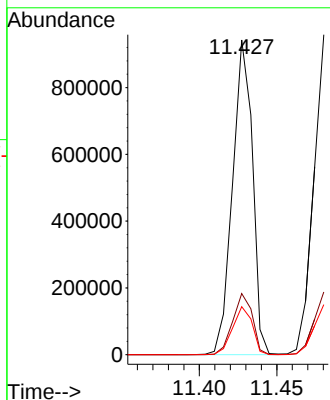
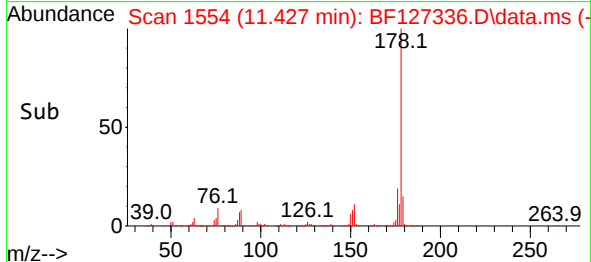
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



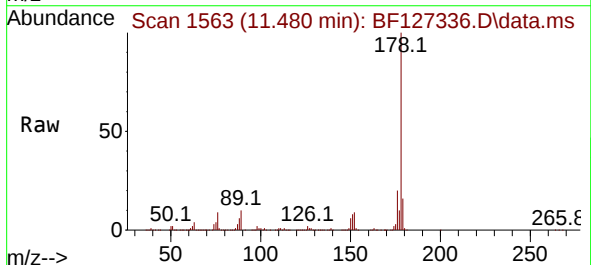
Tgt Ion:178 Resp: 84305
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.2 12.3 18.5

Manual Integrations
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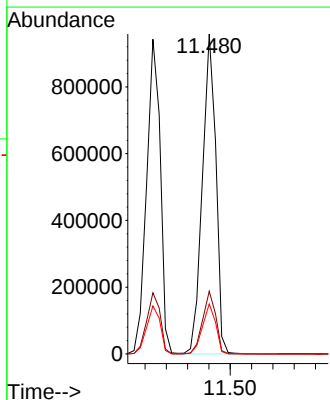
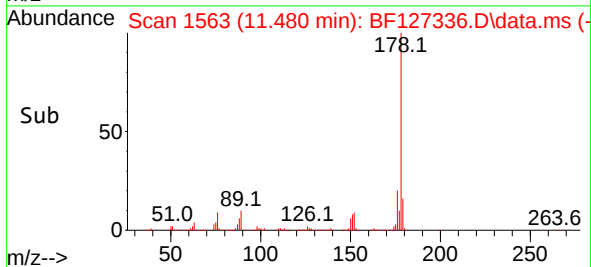
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

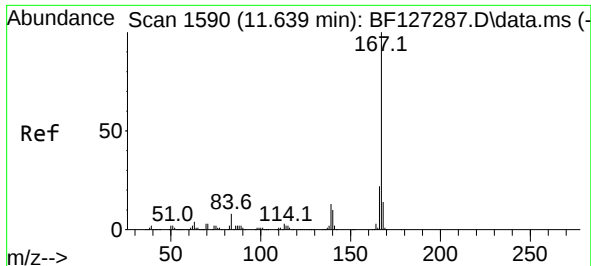


#72
Anthracene
Concen: 43.855 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



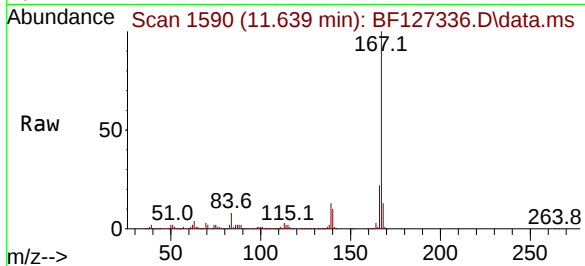
Tgt Ion:178 Resp: 846496
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 39.199 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127336.D
 Acq: 15 Mar 2022 21:10

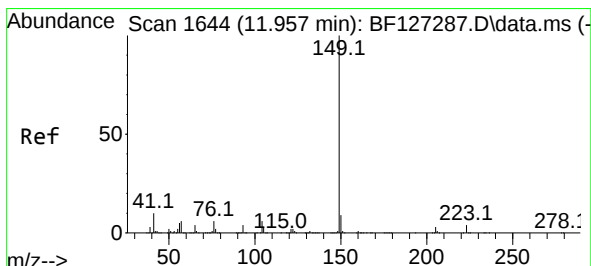
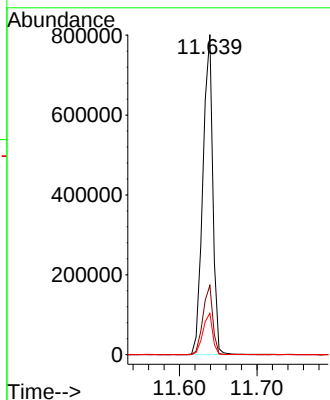
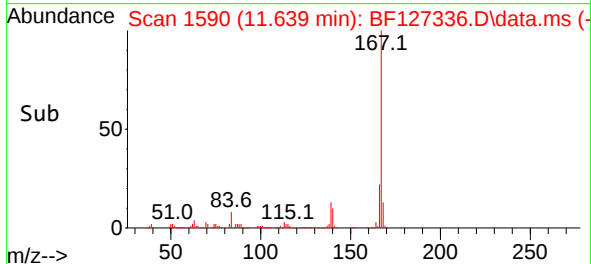
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD



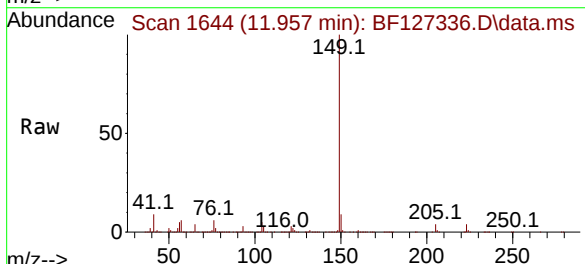
Tgt Ion:167 Resp: 712520
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 12.9 11.3 16.9

Manual Integrations
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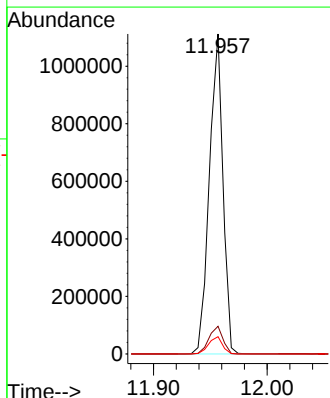
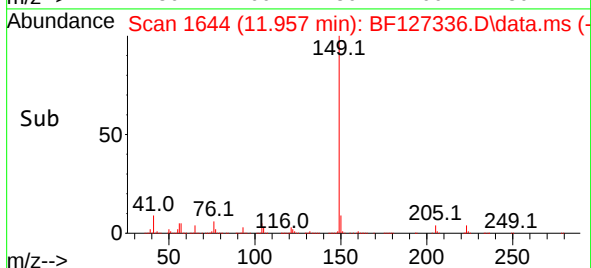
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

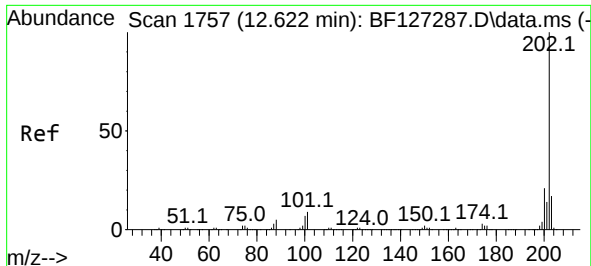


#74
 Di-n-butylphthalate
 Concen: 43.349 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127336.D
 Acq: 15 Mar 2022 21:10



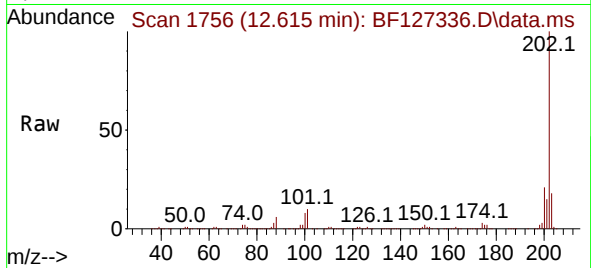
Tgt Ion:149 Resp: 921620
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.2 10.8
 104 5.4 4.2 6.2





#75
Fluoranthene
Concen: 37.470 ng
RT: 12.615 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

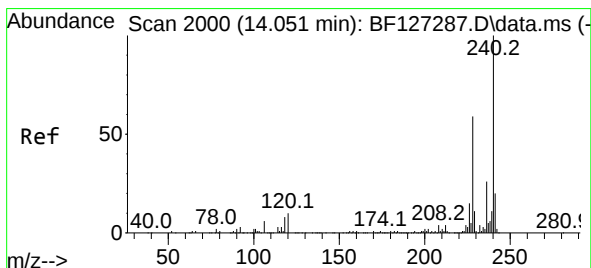
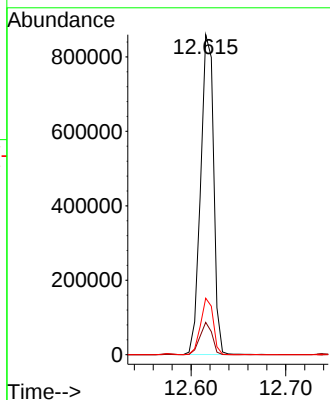
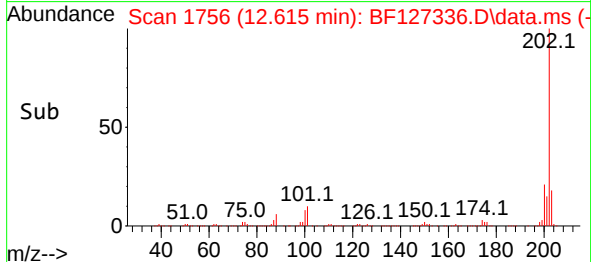
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



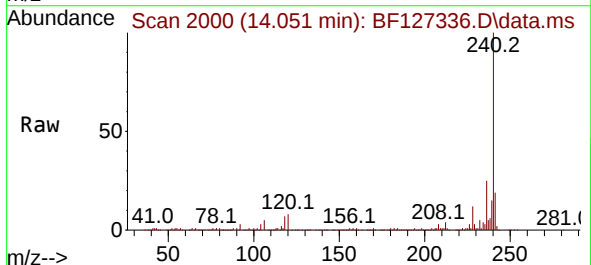
Tgt Ion:202 Resp: 81657
Ion Ratio Lower Upper
202 100
101 10.1 0.0 35.7
203 17.6 0.0 37.1

Manual Integrations
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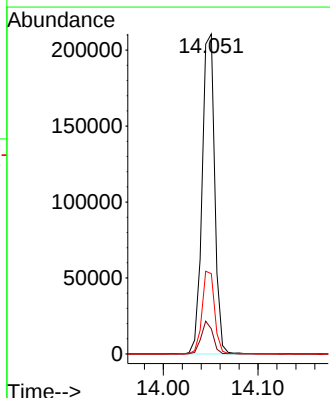
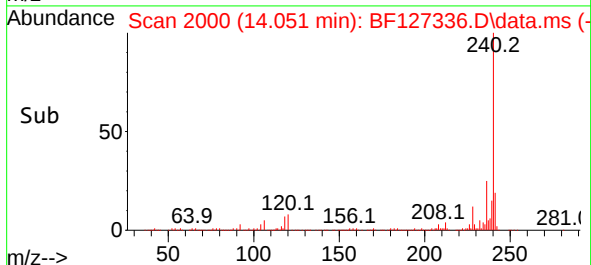
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

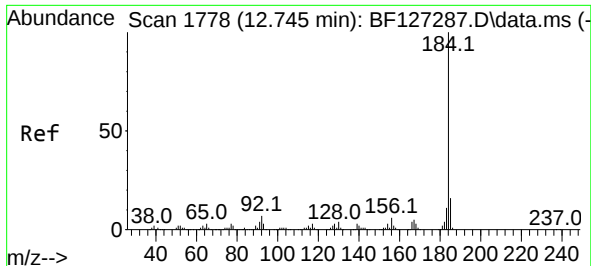


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



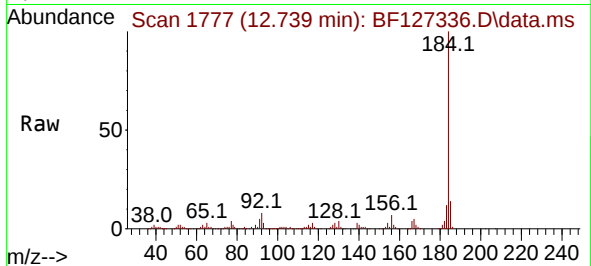
Tgt Ion:240 Resp: 193941
Ion Ratio Lower Upper
240 100
120 7.8 14.4 21.6#
236 25.1 20.5 30.7





#77
Benzidine
Concen: 56.829 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

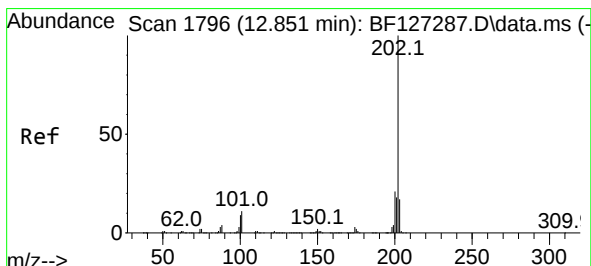
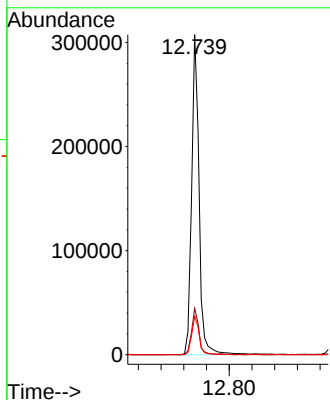
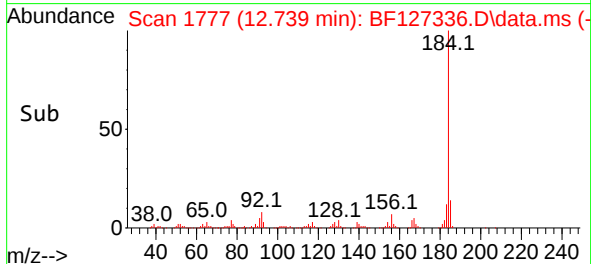
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



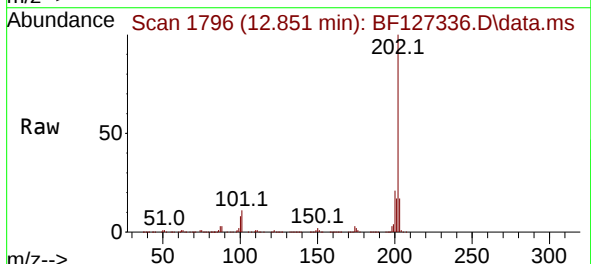
Tgt Ion:184 Resp: 28027
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.9 8.2 12.2

Manual Integrations
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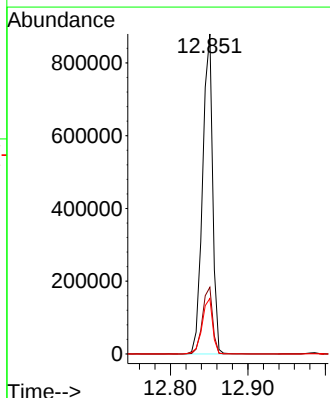
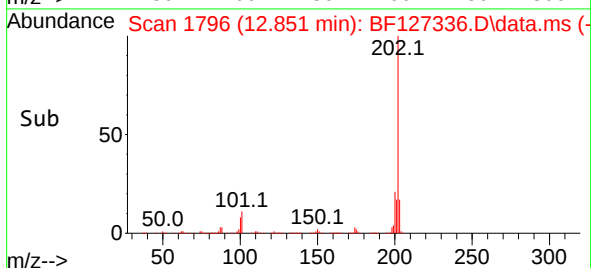
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

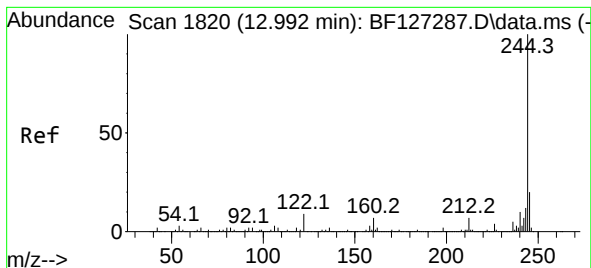


#78
Pyrene
Concen: 52.307 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:202 Resp: 790156
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 81.811 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127336.D

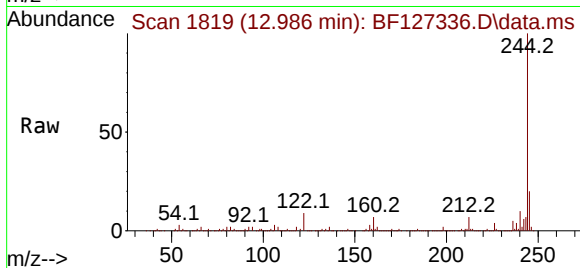
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD



Tgt Ion:244 Resp: 921424

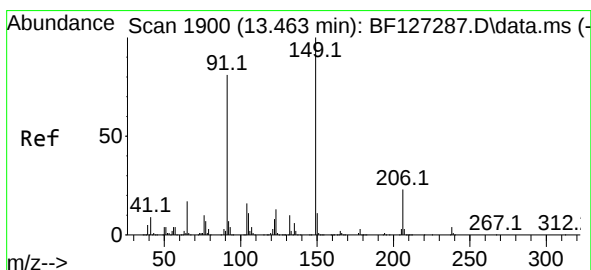
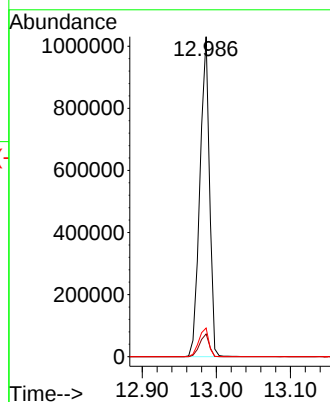
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	9.0	13.3	19.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#80

Butylbenzylphthalate

Concen: 49.543 ng

RT: 13.457 min Scan# 1899

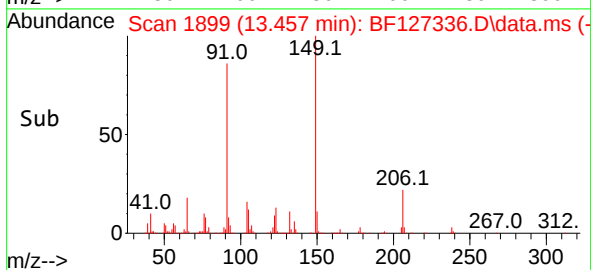
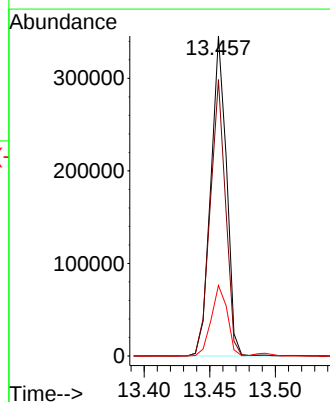
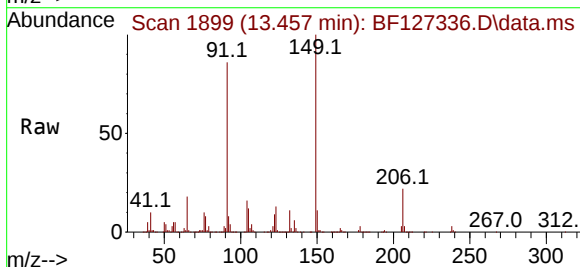
Delta R.T. -0.006 min

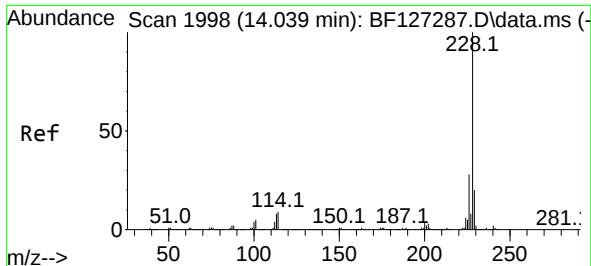
Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Tgt Ion:149 Resp: 288025

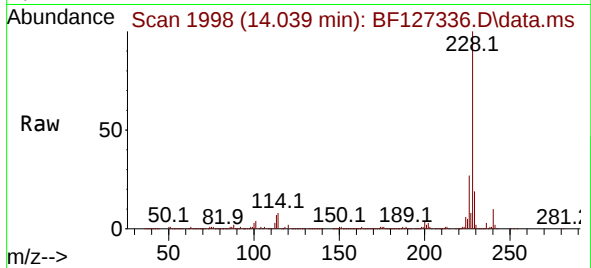
Ion	Ratio	Lower	Upper
149	100		
91	86.3	70.5	105.7
206	22.0	12.6	19.0





#81
Benzo(a)anthracene
Concen: 46.224 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

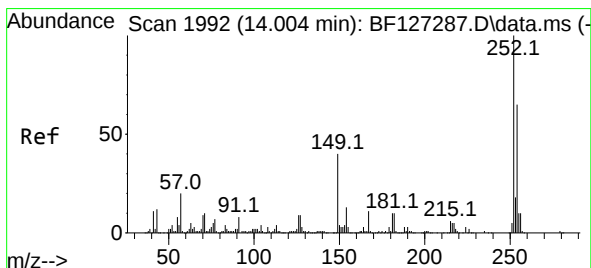
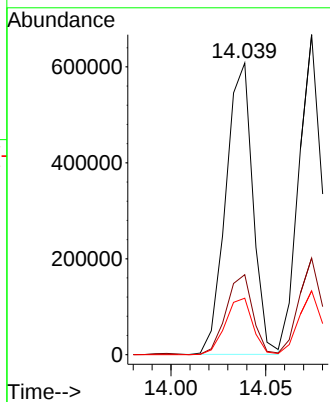
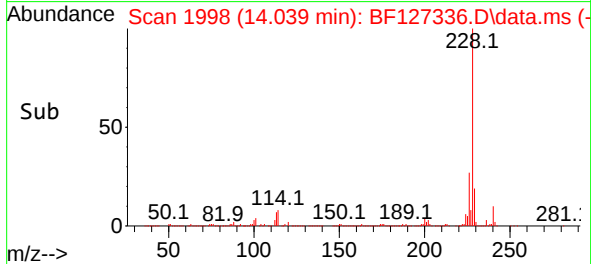
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



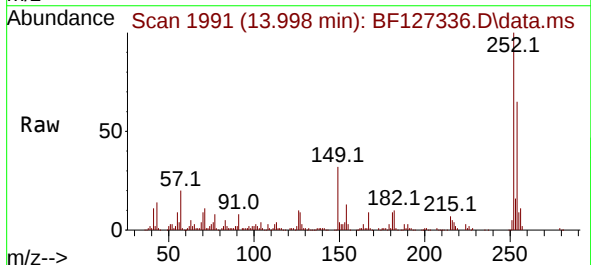
Tgt Ion:228 Resp: 603618
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.4 15.4 23.2

Manual Integrations
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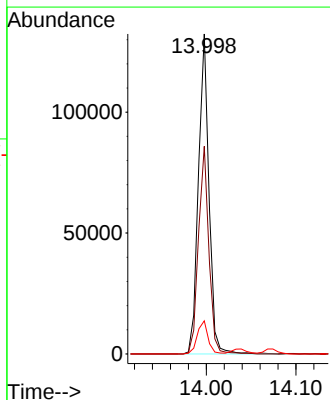
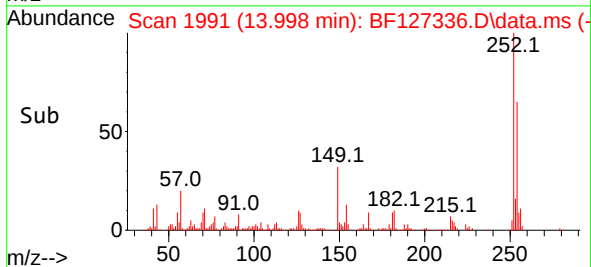
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

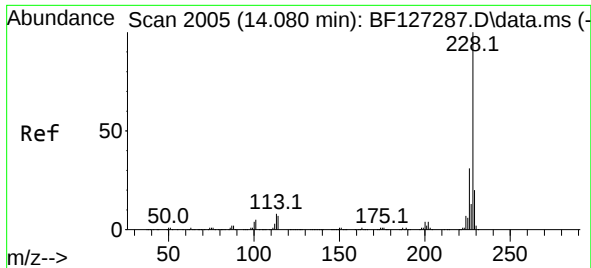


#82
3,3'-Dichlorobenzidine
Concen: 26.610 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



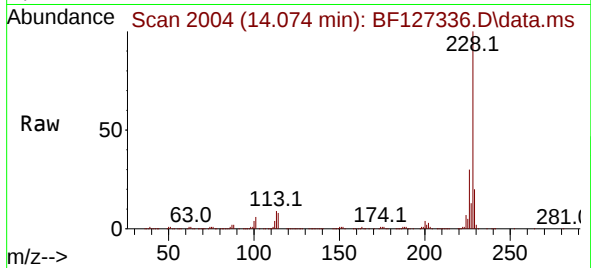
Tgt Ion:252 Resp: 108043
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 10.3 13.4 20.0#





#83
Chrysene
Concen: 46.126 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

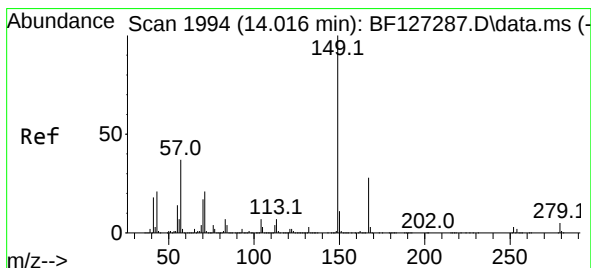
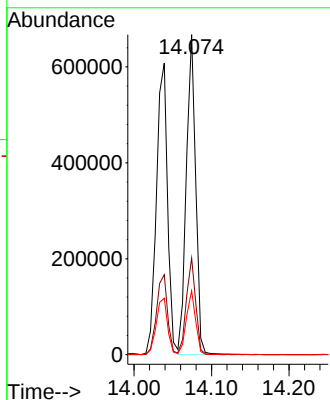
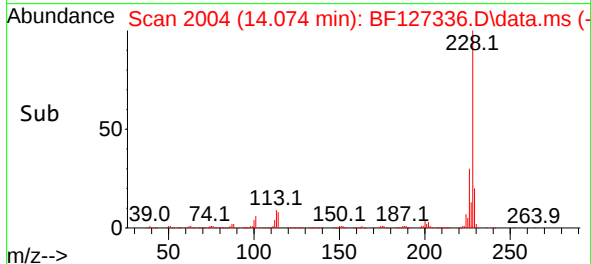
Instrument :
BNA_F
ClientSampleId :
COMP-5MSD



Tgt Ion:228 Resp: 560240
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.0 15.5 23.3

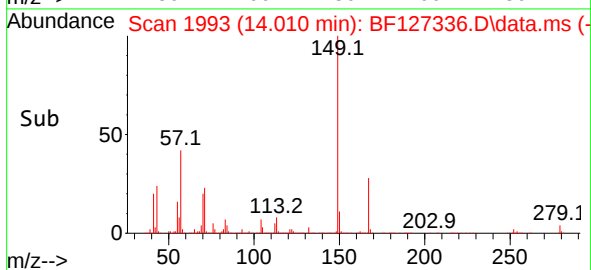
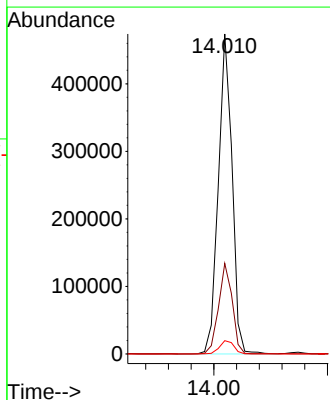
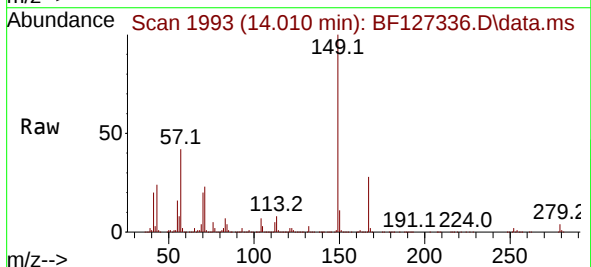
Manual Integrations
APPROVED

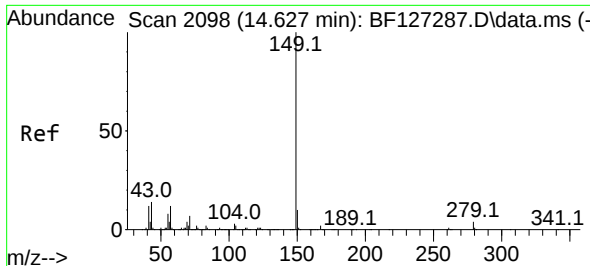
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.926 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:149 Resp: 398549
Ion Ratio Lower Upper
149 100
167 28.3 21.4 32.2
279 4.2 2.4 3.6





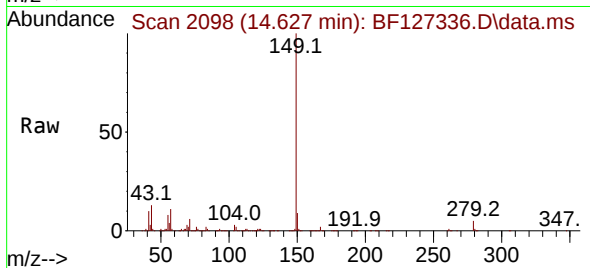
#85
Di-n-octyl phthalate
Concen: 54.776 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

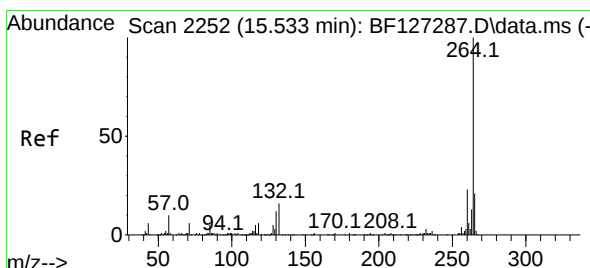
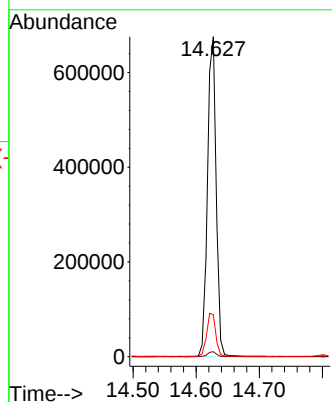
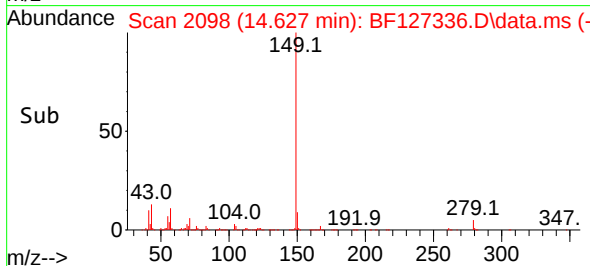


Tgt Ion:149 Resp: 648834
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 14.1 9.9 14.9

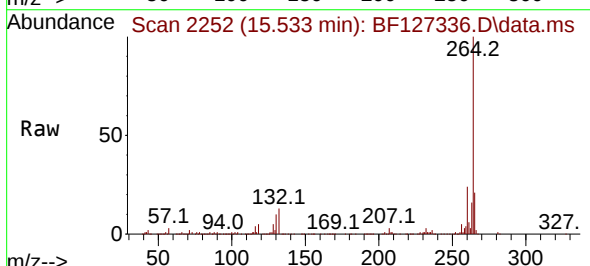
Manual Integrations

APPROVED

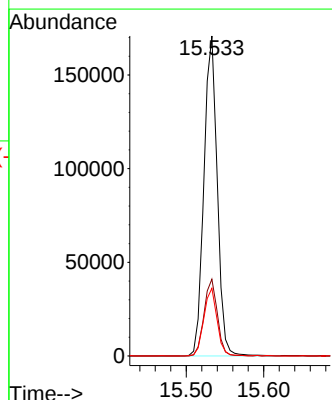
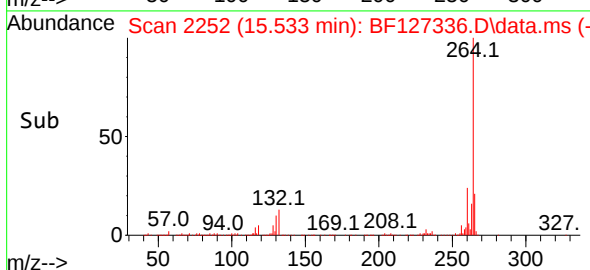
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

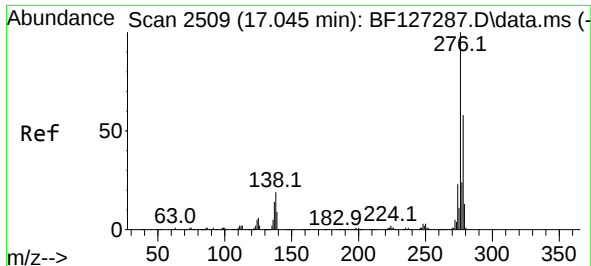


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10



Tgt Ion:264 Resp: 204275
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.486 ng
RT: 17.045 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

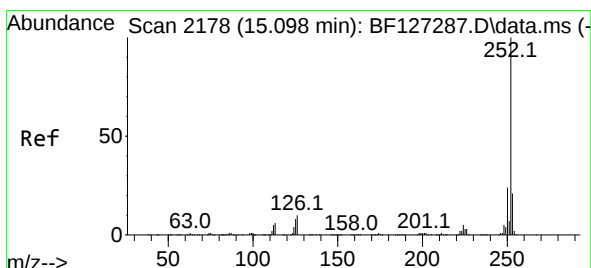
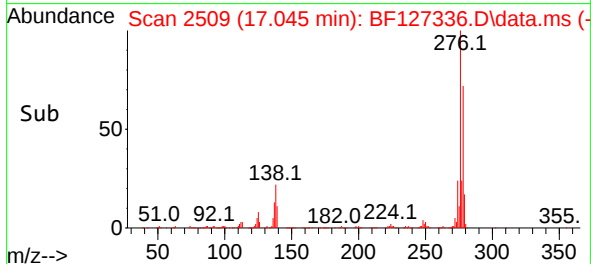
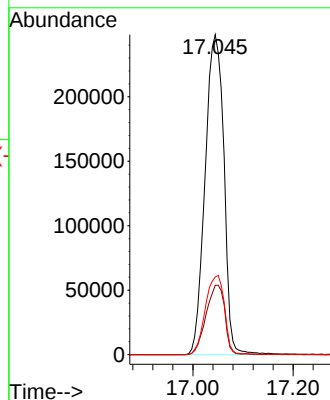
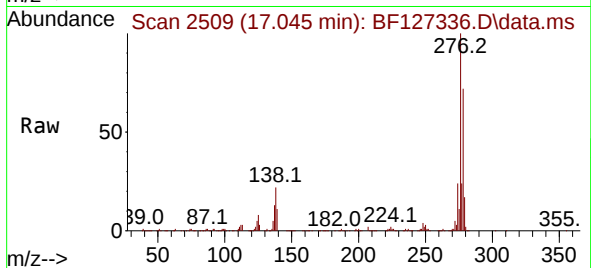
ClientSampleId :

COMP-5MSD

Tgt Ion:276 Resp: 64588
Ion Ratio Lower Upper
276 100
138 21.5 29.2 43.8
277 25.3 19.8 29.8

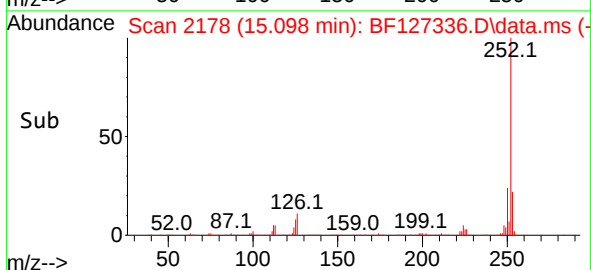
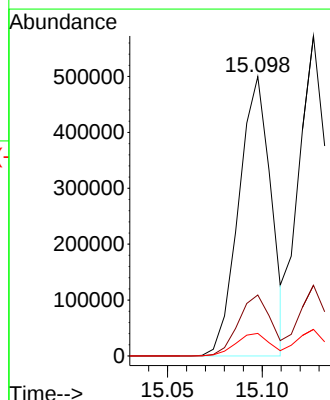
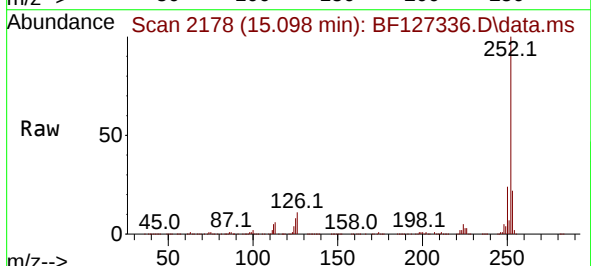
Manual Integrations
APPROVED

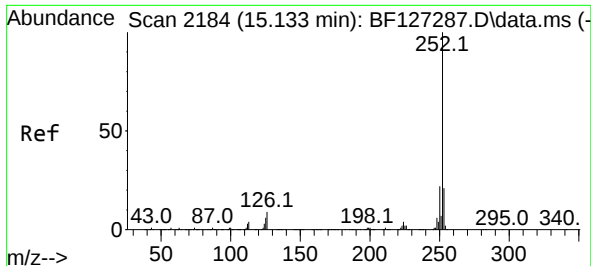
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#88
Benzo(b)fluoranthene
Concen: 44.266 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:252 Resp: 593547
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.1 12.4 18.6





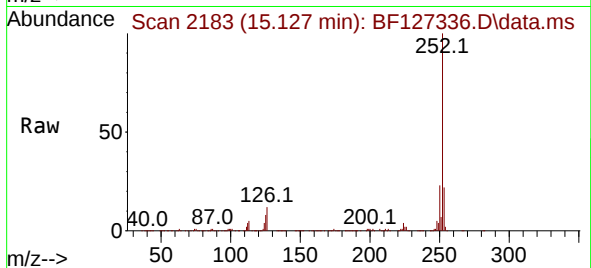
#89
Benzo(k)fluoranthene
Concen: 45.913 ng
RT: 15.127 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

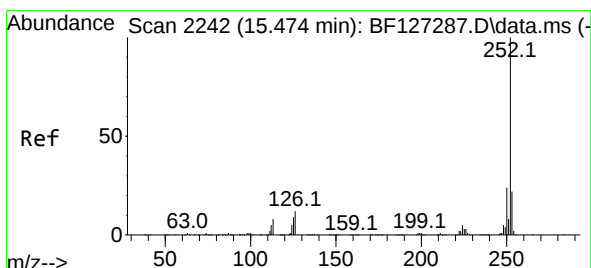
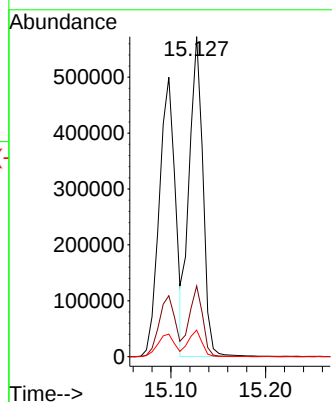
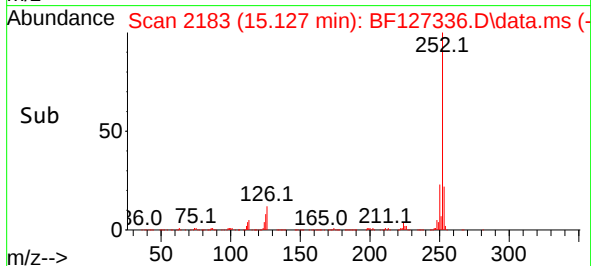


Tgt Ion:252 Resp: 578850
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.3 11.8 17.6

Manual Integrations

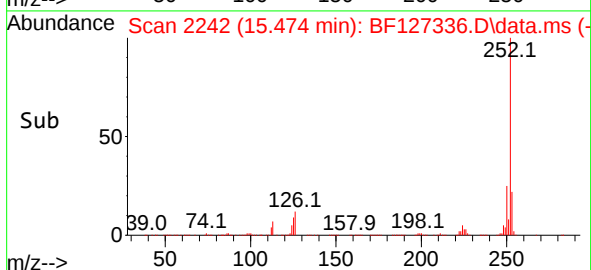
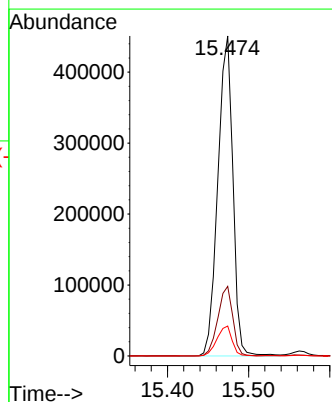
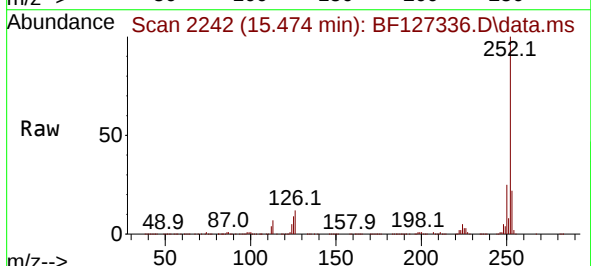
APPROVED

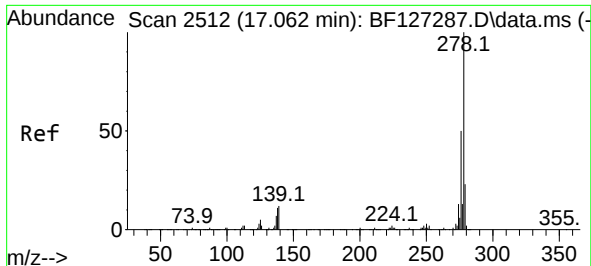
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#90
Benzo(a)pyrene
Concen: 55.128 ng
RT: 15.474 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BF127336.D
Acq: 15 Mar 2022 21:10

Tgt Ion:252 Resp: 582077
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.3 13.0 19.6





#91

Dibenzo(a,h)anthracene

Concen: 55.491 ng

RT: 17.056 min Scan# 2511

Delta R.T. -0.006 min

Lab File: BF127336.D

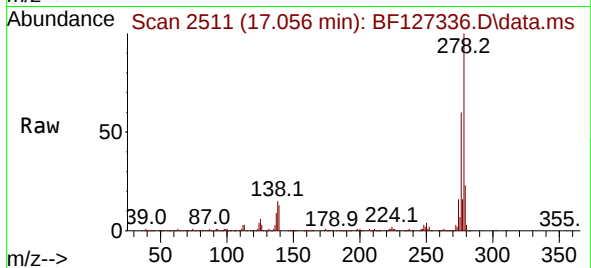
Acq: 15 Mar 2022 21:10

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD



Tgt Ion:278 Resp: 568340

Ion Ratio Lower Upper

278 100

139 13.0 18.0 27.0

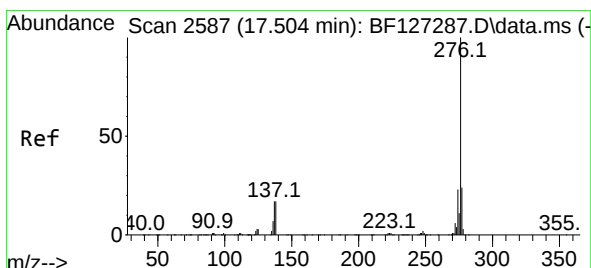
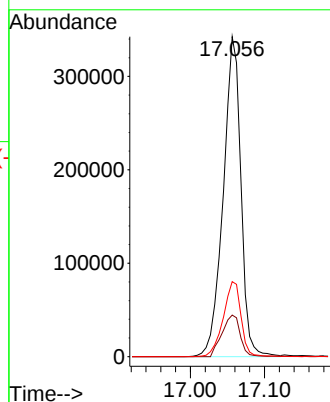
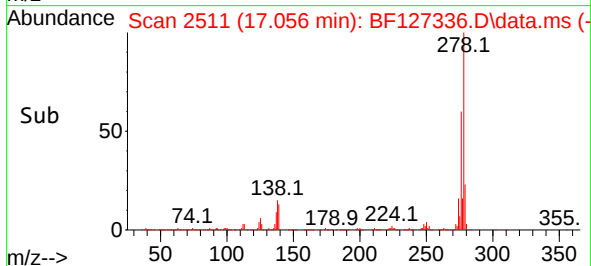
279 23.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#92

Benzo(g,h,i)perylene

Concen: 54.797 ng

RT: 17.503 min Scan# 2587

Delta R.T. -0.000 min

Lab File: BF127336.D

Acq: 15 Mar 2022 21:10

Tgt Ion:276 Resp: 547447

Ion Ratio Lower Upper

276 100

277 22.3 18.5 27.7

138 18.1 25.9 38.9

