

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129787.D
 Acq On : 15 Aug 2022 18:38
 Operator : CG\JU
 Sample : N4200-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/16/2022

Quant Time: Aug 16 03:16:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	167409	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	697170	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	373417	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	618870	20.000	ng	0.00
76) Chrysene-d12	14.004	240	377588	20.000	ng	0.00
86) Perylene-d12	15.468	264	314712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	949977	93.954	ng	0.00
7) Phenol-d6	6.487	99	1201319	94.877	ng	0.00
23) Nitrobenzene-d5	7.392	82	751620	57.713	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	342425	91.367	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1444976	58.772	ng	0.00
79) Terphenyl-d14	12.939	244	1434909	63.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	171357	41.079	ng	100
3) Pyridine	3.416	79	445851	40.842	ng	99
4) n-Nitrosodimethylamine	3.387	42	228176	45.355	ng	99
6) Aniline	6.492	93	477278	33.072	ng	91
8) 2-Chlorophenol	6.622	128	517520	45.977	ng	99
9) Benzaldehyde	6.381	77	307445	46.424	ng	98
10) Phenol	6.498	94	608763	43.830	ng	81
11) bis(2-Chloroethyl)ether	6.563	93	485660	46.047	ng	98
12) 1,3-Dichlorobenzene	6.763	146	540487	44.478	ng	98
13) 1,4-Dichlorobenzene	6.839	146	542566	43.698	ng	99
14) 1,2-Dichlorobenzene	6.992	146	511887	44.389	ng	99
15) Benzyl Alcohol	6.981	79	432421	45.238	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	638095	45.150	ng	93
17) 2-Methylphenol	7.098	107	415396	45.961	ng	99
18) Hexachloroethane	7.328	117	208242	44.662	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	365091	45.617	ng	98
20) 3+4-Methylphenols	7.251	107	537035	44.266	ng	97
22) Acetophenone	7.239	105	727586	42.826	ng	98
24) Nitrobenzene	7.416	77	539734	41.100	ng	98
25) Isophorone	7.651	82	992048	44.257	ng	99
26) 2-Nitrophenol	7.728	139	279425	43.258	ng	98
27) 2,4-Dimethylphenol	7.775	122	455274	49.146	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	615445	47.024	ng	98
29) 2,4-Dichlorophenol	7.981	162	432493	42.696	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	432156	40.440	ng	98
31) Naphthalene	8.128	128	1472133	40.385	ng	99
32) Benzoic acid	7.928	122	189265	46.112	ng	96
33) 4-Chloroaniline	8.186	127	323415	22.562	ng	97
34) Hexachlorobutadiene	8.239	225	267471	41.106	ng	99
35) Caprolactam	8.575	113	132448m	42.047	ng	
36) 4-Chloro-3-methylphenol	8.686	107	472270	43.217	ng	99
37) 2-Methylnaphthalene	8.822	142	984867	41.165	ng	99
38) 1-Methylnaphthalene	8.922	142	926064	39.828	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	443452	42.697	ng	99
41) Hexachlorocyclopentadiene	8.969	237	377548	98.315	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	275956	40.894	ng	99

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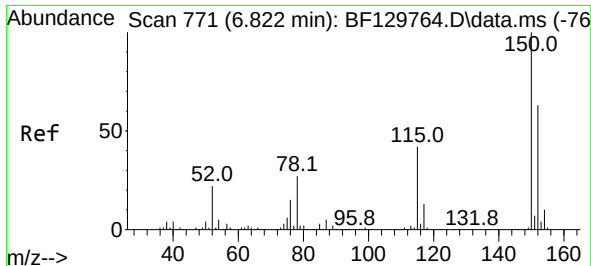
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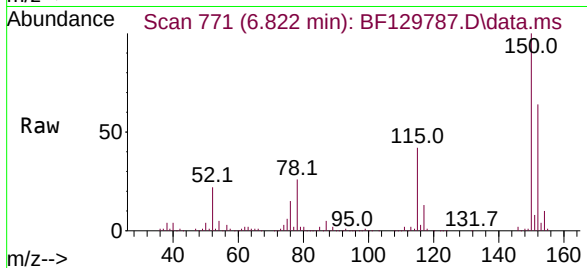
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	301497	41.529	ng	95
46) 1,1'-Biphenyl	9.286	154	1196071	42.162	ng	99
47) 2-Chloronaphthalene	9.310	162	926342	41.270	ng	98
48) 2-Nitroaniline	9.422	65	287770	40.569	ng	94
49) Acenaphthylene	9.727	152	1373086	40.341	ng	100
50) Dimethylphthalate	9.586	163	1097552	41.001	ng	99
51) 2,6-Dinitrotoluene	9.663	165	242320	41.730	ng	87
52) Acenaphthene	9.898	154	842034	40.776	ng	99
53) 3-Nitroaniline	9.833	138	159066	24.770	ng	100
54) 2,4-Dinitrophenol	9.951	184	211012	80.348	ng	94
55) Dibenzofuran	10.075	168	1230108	39.650	ng	98
56) 4-Nitrophenol	10.027	139	253165	88.616	ng	92
57) 2,4-Dinitrotoluene	10.069	165	304768	40.431	ng	94
58) Fluorene	10.416	166	1028180	39.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	226507	42.514	ng	# 87
60) Diethylphthalate	10.286	149	1076737	40.340	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	479744	41.269	ng	99
62) 4-Nitroaniline	10.457	138	233254m	36.005	ng	
63) Azobenzene	10.563	77	1030921	40.408	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	152631	42.011	ng	93
66) n-Nitrosodiphenylamine	10.527	169	881329	42.193	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	306727	42.316	ng	98
68) Hexachlorobenzene	10.963	284	338431	43.102	ng	98
69) Atrazine	11.057	200	292592	45.638	ng	98
70) Pentachlorophenol	11.169	266	187776	79.796	ng	98
71) Phenanthrene	11.380	178	1401894	40.560	ng	99
72) Anthracene	11.433	178	1459133	42.451	ng	100
73) Carbazole	11.592	167	1299702	41.655	ng	99
74) Di-n-butylphthalate	11.910	149	1667260	41.519	ng	99
75) Fluoranthene	12.574	202	1398124	39.530	ng	99
77) Benzidine	12.698	184	498796	56.394	ng	99
78) Pyrene	12.804	202	1387977	42.301	ng	100
80) Butylbenzylphthalate	13.410	149	593258	42.729	ng	96
81) Benzo(a)anthracene	13.992	228	1039114	40.005	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	266428	33.119	ng	100
83) Chrysene	14.033	228	975436	40.118	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	715770	43.453	ng	100
85) Di-n-octyl phthalate	14.574	149	1024601	45.059	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	964372	44.636	ng	100
88) Benzo(b)fluoranthene	15.045	252	891128	41.352	ng	99
89) Benzo(k)fluoranthene	15.074	252	861337	41.678	ng	99
90) Benzo(a)pyrene	15.409	252	756079	44.552	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	842596	47.265	ng	100
92) Benzo(g,h,i)perylene	17.409	276	850696	47.832	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

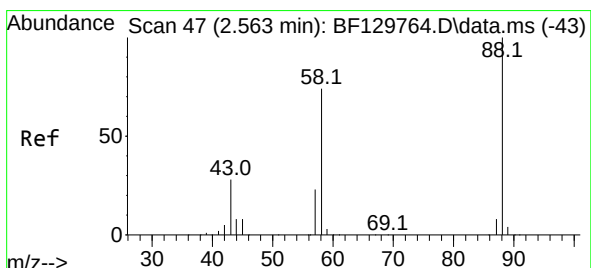
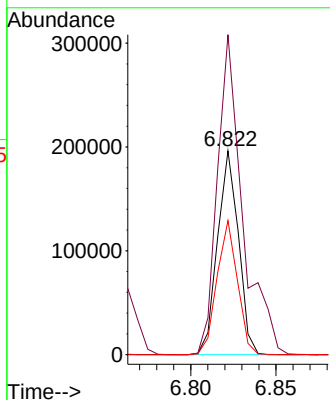
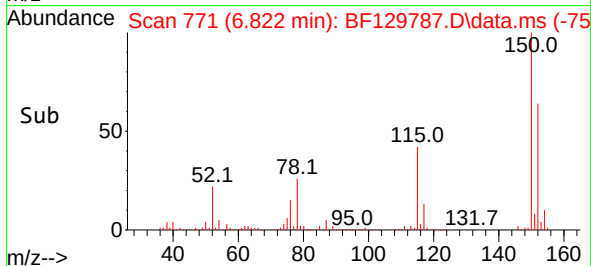
Instrument :
BNA_F
ClientSampleId :
S1MSD



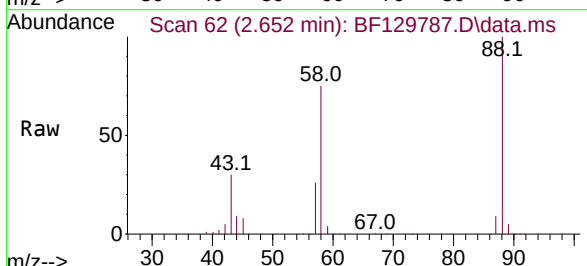
Tgt Ion:152 Resp: 167409
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 65.7 53.4 80.0

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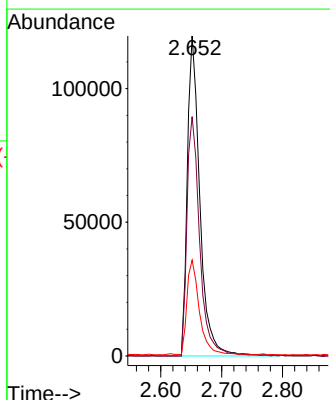
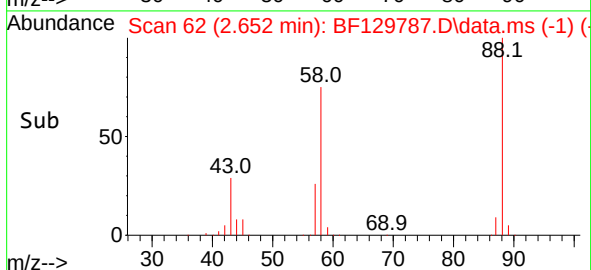
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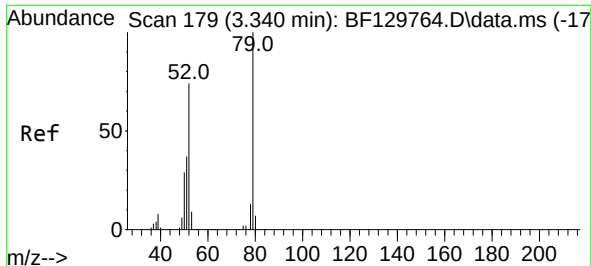


#2
1,4-Dioxane
Concen: 41.079 ng
RT: 2.652 min Scan# 62
Delta R.T. 0.088 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



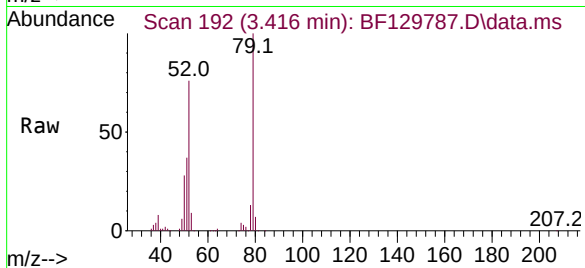
Tgt Ion: 88 Resp: 171357
Ion Ratio Lower Upper
88 100
58 76.4 60.9 91.3
43 29.4 23.6 35.4





#3
Pyridine
Concen: 40.842 ng
RT: 3.416 min Scan# 19
Delta R.T. 0.076 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

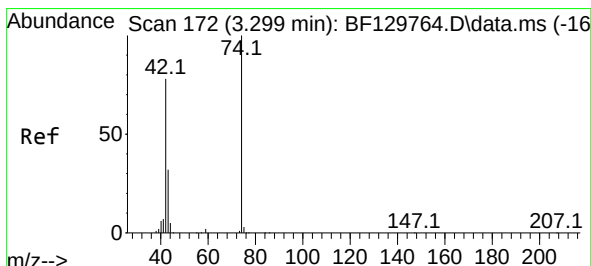
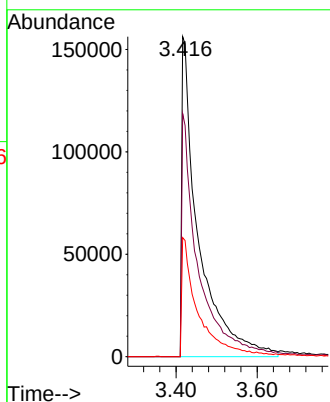
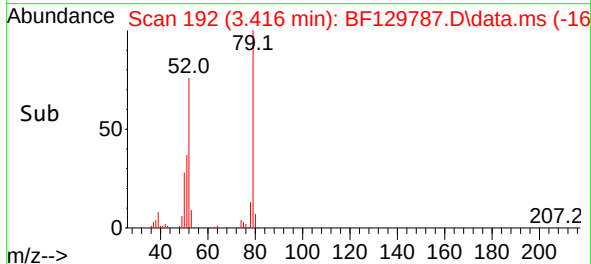
Instrument :
BNA_F
ClientSampleId :
S1MSD



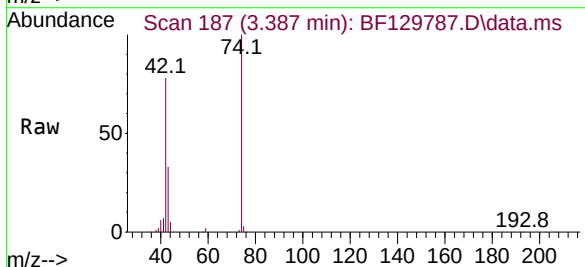
Tgt Ion: 79 Resp: 44585
Ion Ratio Lower Upper
79 100
52 75.9 59.4 89.2
51 37.2 29.5 44.3

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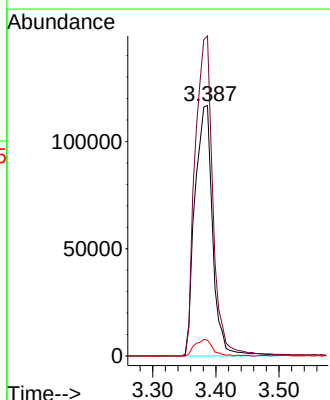
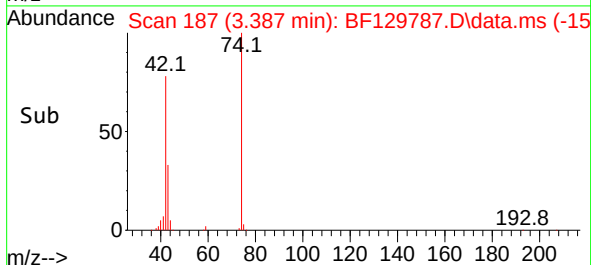
Reviewed By :Christian Giraldo 08/16/2022
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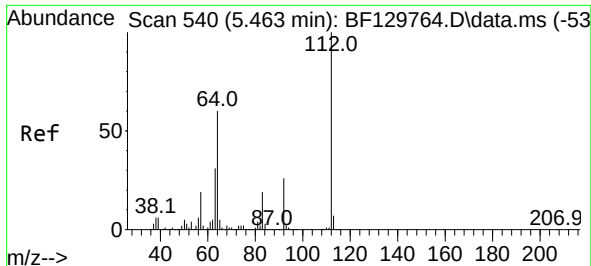


#4
n-Nitrosodimethylamine
Concen: 45.355 ng
RT: 3.387 min Scan# 187
Delta R.T. 0.088 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



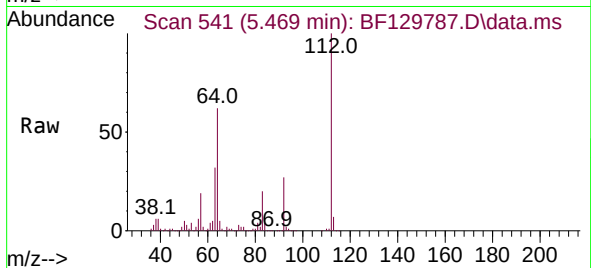
Tgt Ion: 42 Resp: 228176
Ion Ratio Lower Upper
42 100
74 127.8 103.1 154.7
44 6.3 5.4 8.2





#5
2-Fluorophenol
Concen: 93.954 ng
RT: 5.469 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

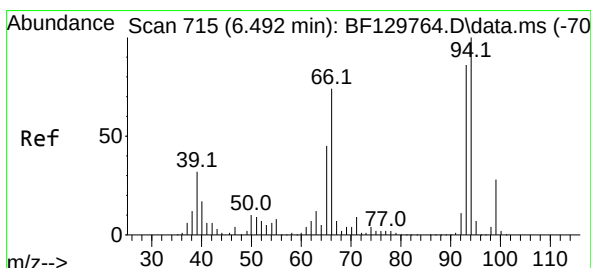
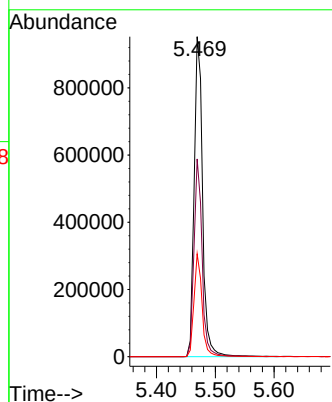
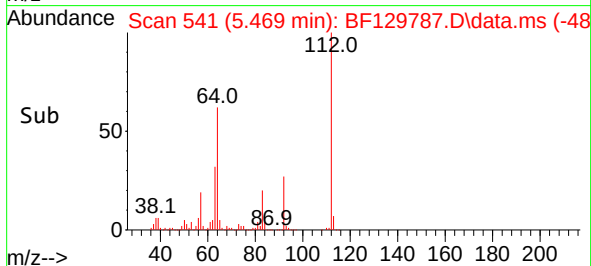
Instrument :
BNA_F
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Tgt Ion: 112 Resp: 949972
Ion Ratio Lower Upper
112 100
64 61.8 47.6 71.4
63 32.1 24.6 37.0

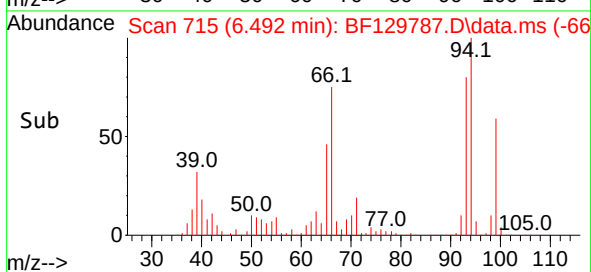
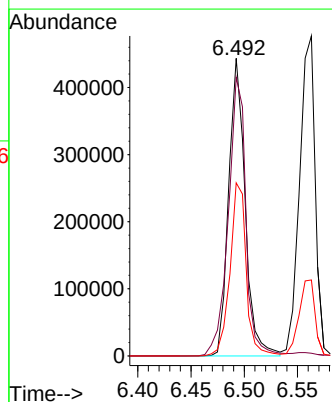
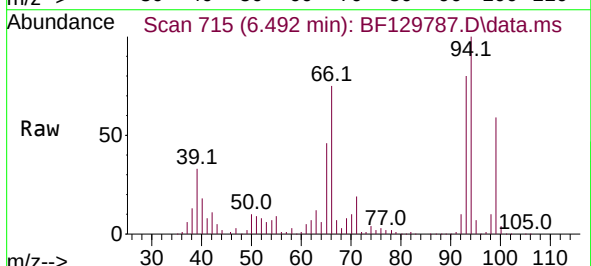
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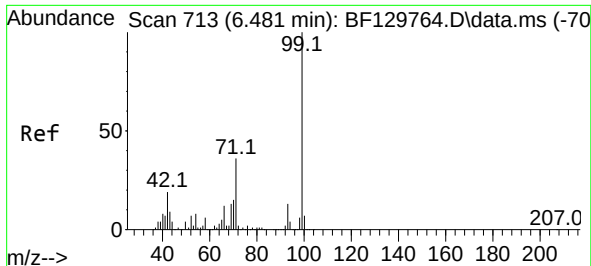
Reviewed By :Christian Giraldo 08/16/2022
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#6
Aniline
Concen: 33.072 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

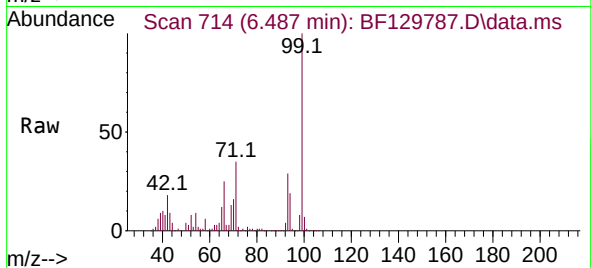
Tgt Ion: 93 Resp: 477278
Ion Ratio Lower Upper
93 100
66 93.6 68.7 103.1
65 58.2 41.6 62.4





#7
Phenol-d6
Concen: 94.877 ng
RT: 6.487 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

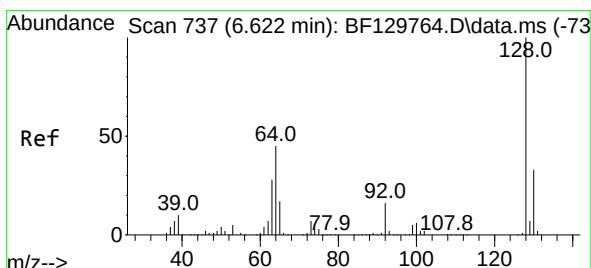
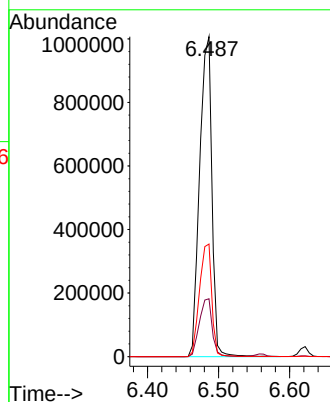
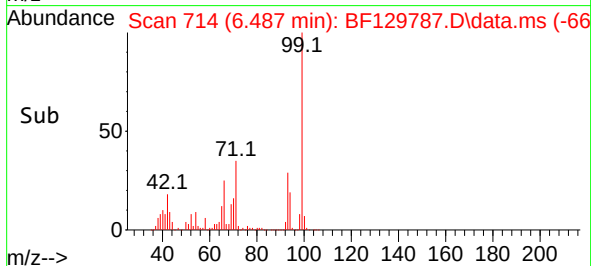
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 99 Resp: 1201319
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.2 28.8 43.2

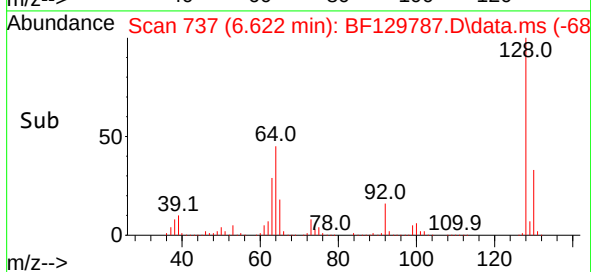
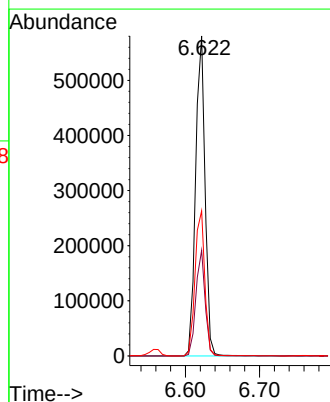
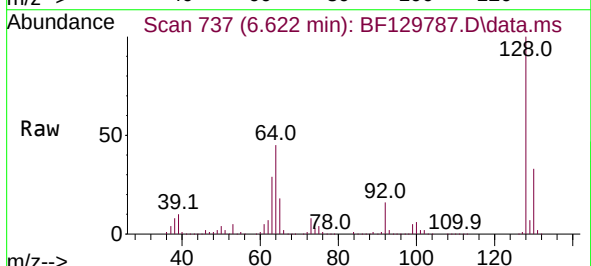
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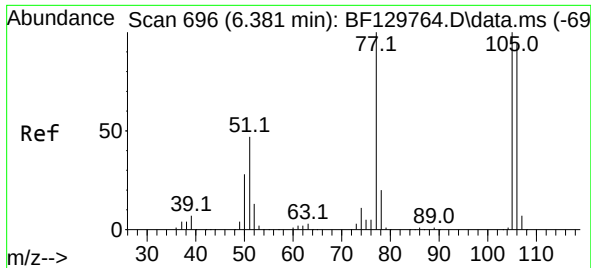
Reviewed By :Christian Giraldo 08/16/2022
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#8
2-Chlorophenol
Concen: 45.977 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

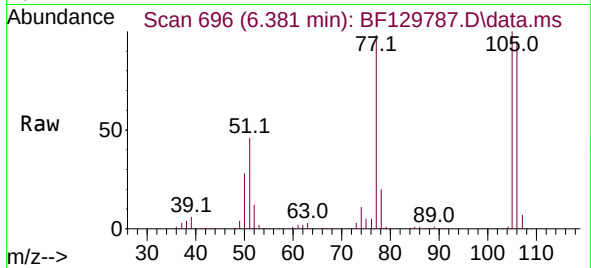
Tgt Ion:128 Resp: 517520
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 45.3 24.9 64.9





#9
Benzaldehyde
Concen: 46.424 ng
RT: 6.381 min Scan# 69
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

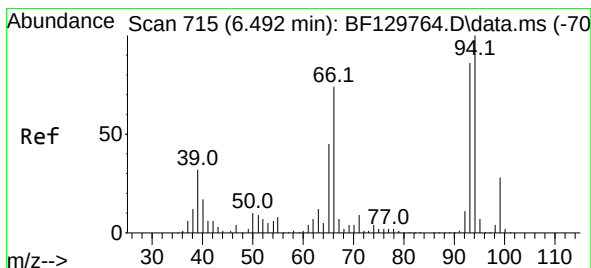
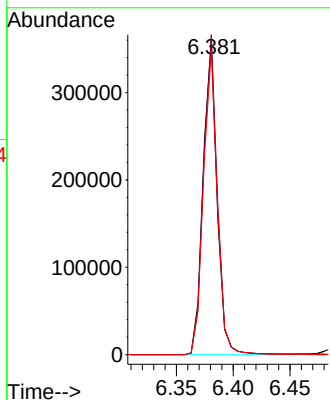
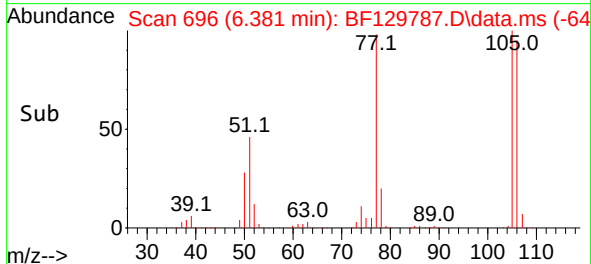
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 77 Resp: 307445
Ion Ratio Lower Upper
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105 101.7 80.3 120.3
106 96.6 74.3 114.3

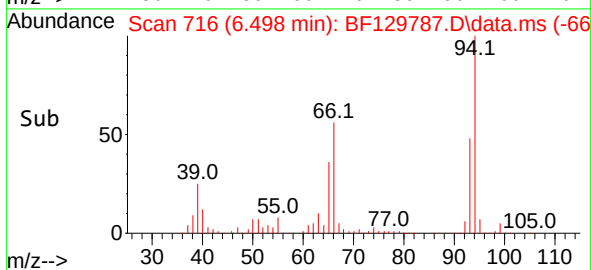
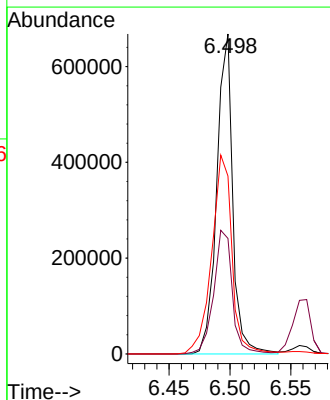
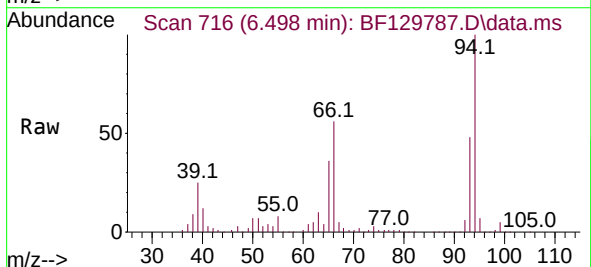
Manual Integrations
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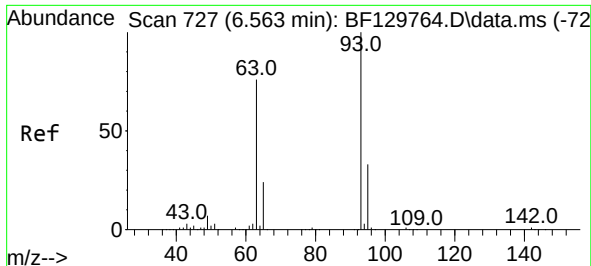
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#10
Phenol
Concen: 43.830 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

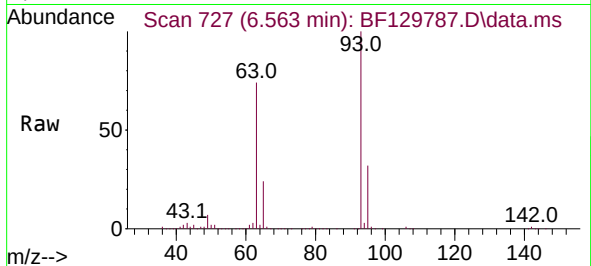
Tgt Ion: 94 Resp: 608763
Ion Ratio Lower Upper
94 100
65 36.1 24.9 64.9
66 55.6 54.2 94.2





#11
bis(2-Chloroethyl)ether
Concen: 46.047 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

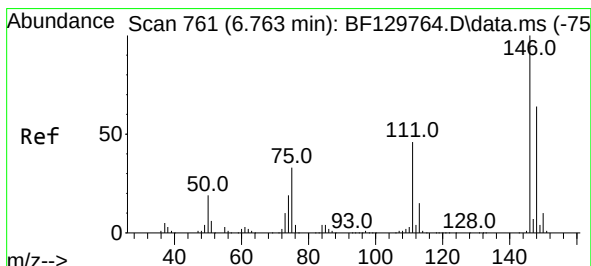
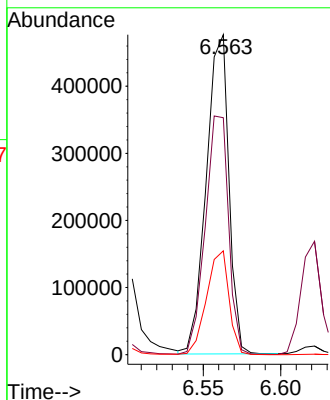
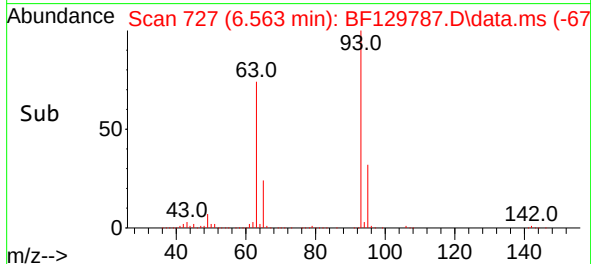
Instrument :
BNA_F
ClientSampleId :
S1MSD



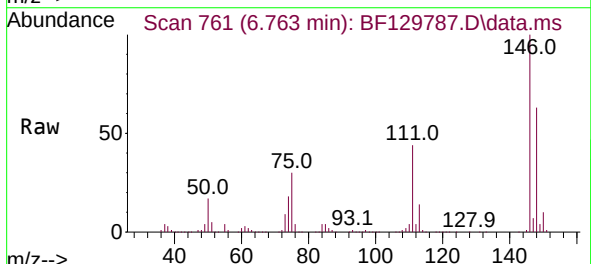
Tgt Ion: 93 Resp: 485660
Ion Ratio Lower Upper
93 100
63 74.0 55.9 95.9
95 32.4 12.3 52.3

Manual Integrations
APPROVED

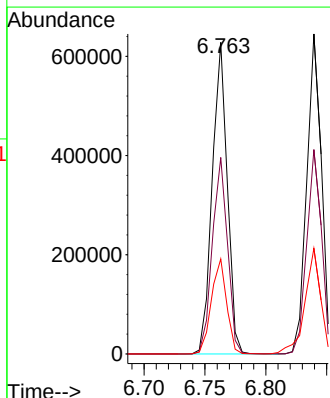
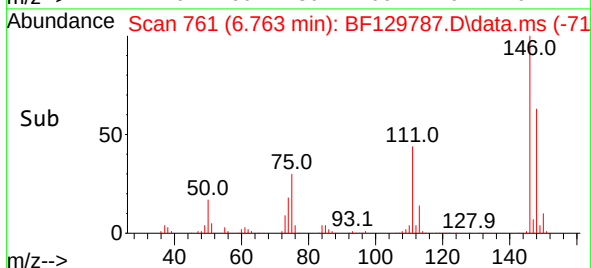
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

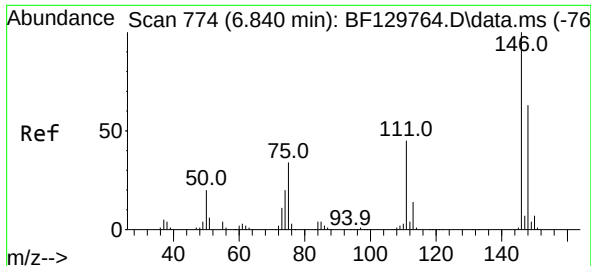


#12
1,3-Dichlorobenzene
Concen: 44.478 ng
RT: 6.763 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



Tgt Ion:146 Resp: 540487
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
75 30.5 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 43.698 ng

RT: 6.839 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:146 Resp: 542566

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

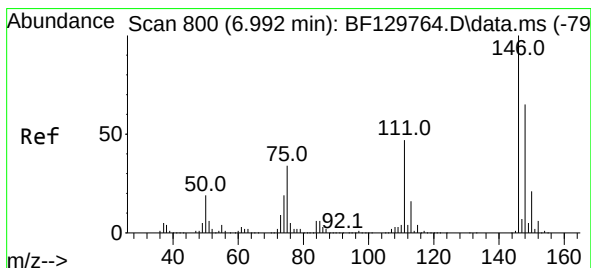
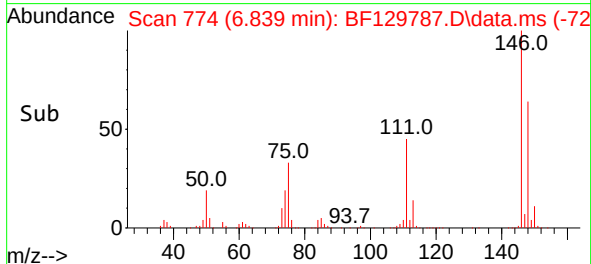
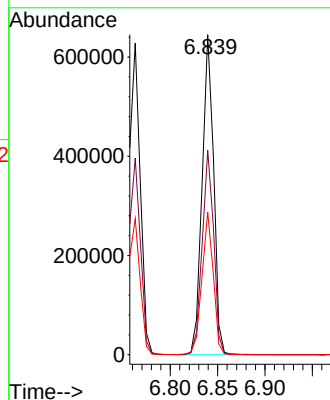
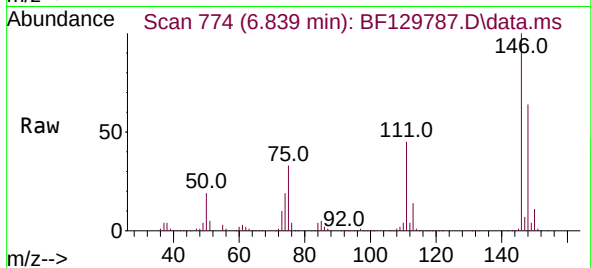
111 44.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#14

1,2-Dichlorobenzene

Concen: 44.389 ng

RT: 6.992 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

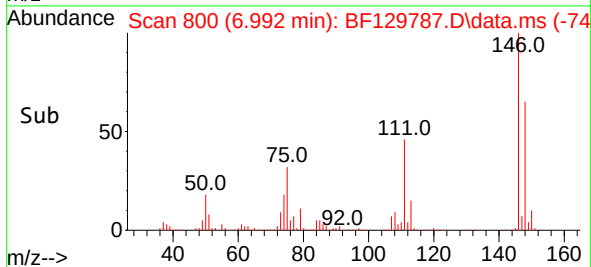
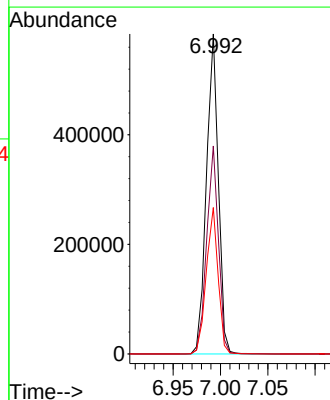
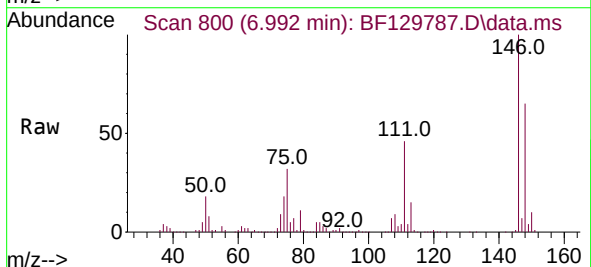
Tgt Ion:146 Resp: 511887

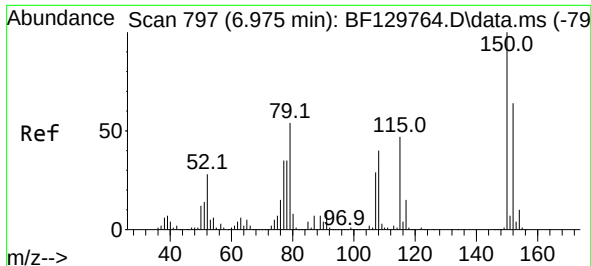
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

111 45.8 37.2 55.8





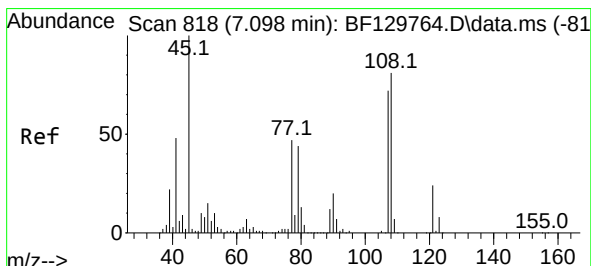
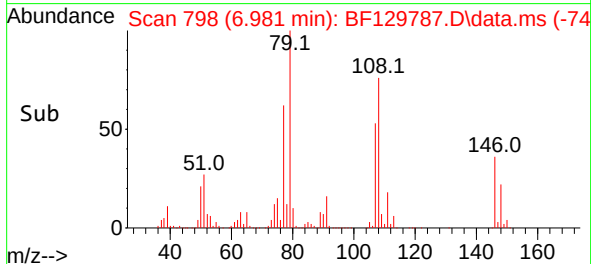
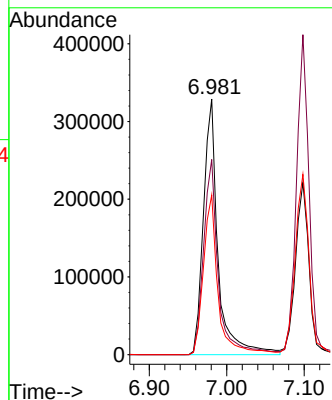
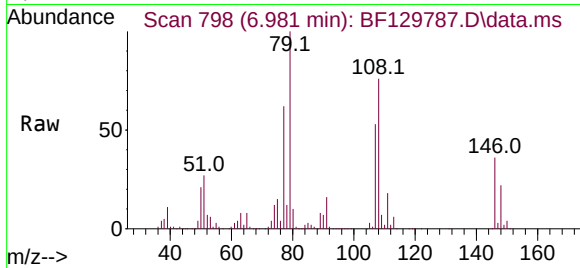
#15
Benzyl Alcohol
Concen: 45.238 ng
RT: 6.981 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion: 79 Resp: 43242
Ion Ratio Lower Upper
79 100
108 76.3 59.2 88.8
77 62.5 51.9 77.9

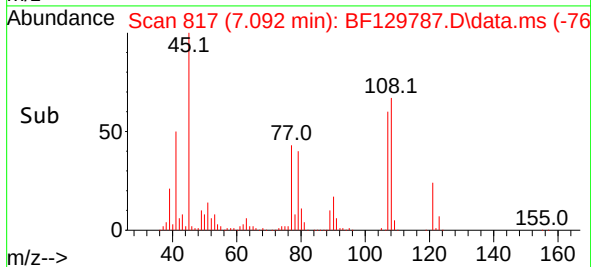
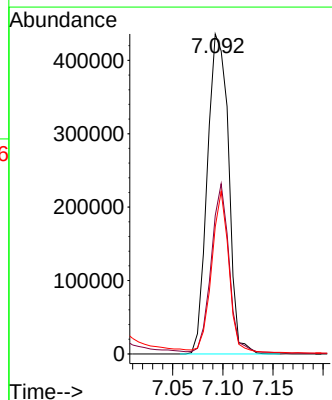
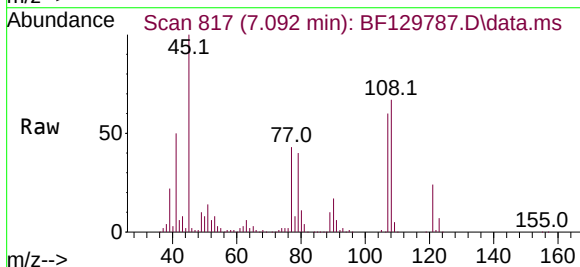
Manual Integrations
APPROVED

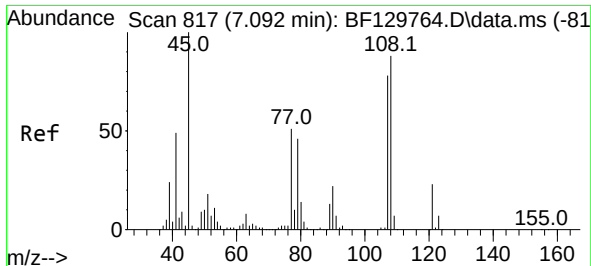
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.150 ng
RT: 7.092 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

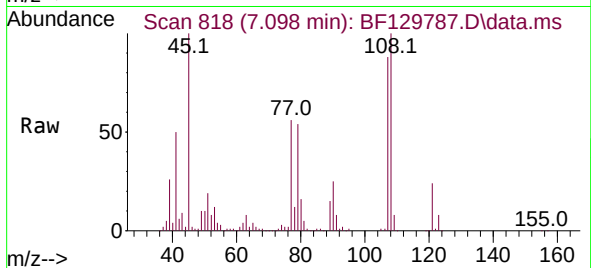
Tgt Ion: 45 Resp: 638095
Ion Ratio Lower Upper
45 100
77 43.2 27.4 67.4
79 39.7 24.4 64.4





#17
2-Methylphenol
Concen: 45.961 ng
RT: 7.098 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

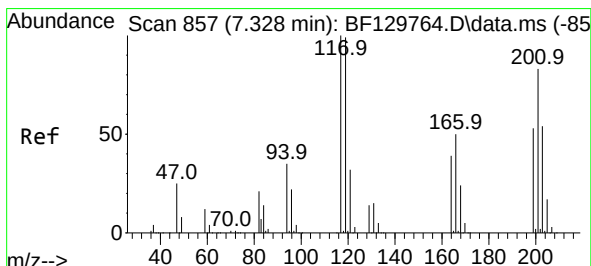
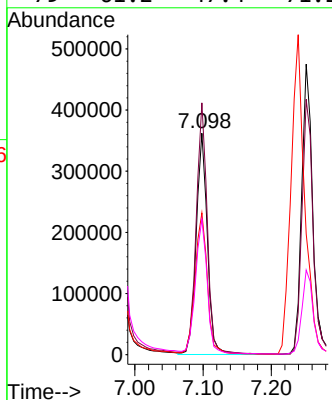
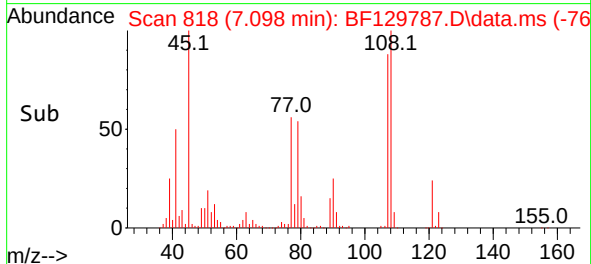
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:107 Resp: 415396
Ion Ratio Lower Upper
107 100
108 113.8 90.2 135.2
77 64.1 51.8 77.8
79 61.2 47.4 71.2

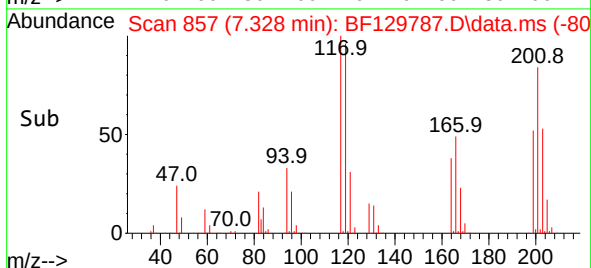
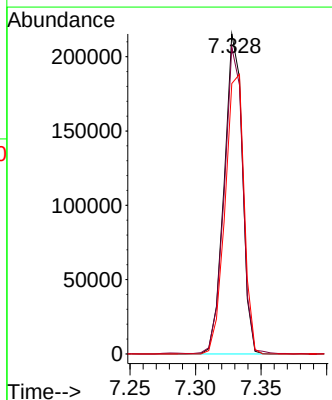
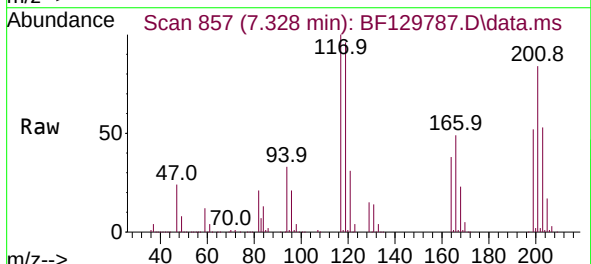
Manual Integrations
APPROVED

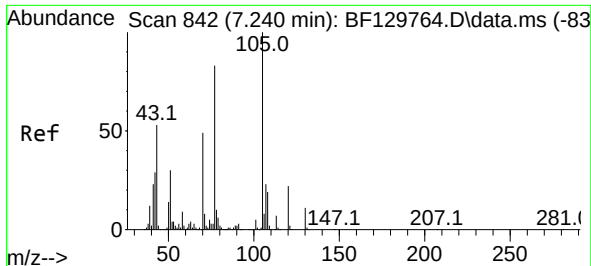
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#18
Hexachloroethane
Concen: 44.662 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

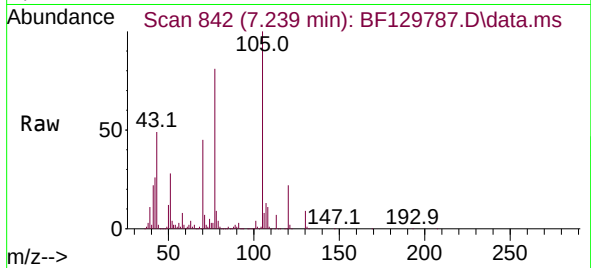
Tgt Ion:117 Resp: 208242
Ion Ratio Lower Upper
117 100
119 95.8 79.1 118.7
201 84.5 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.617 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

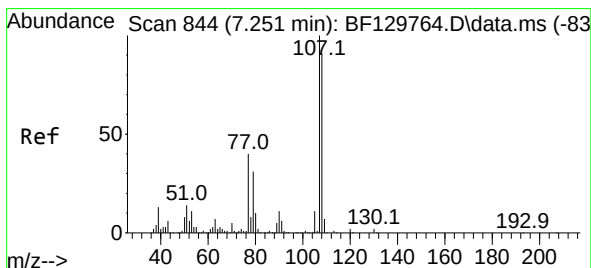
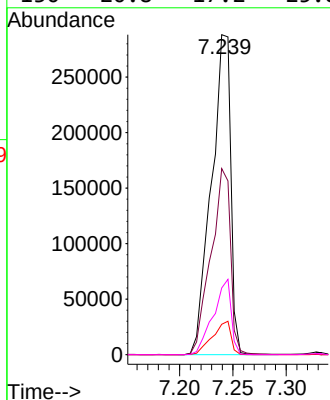
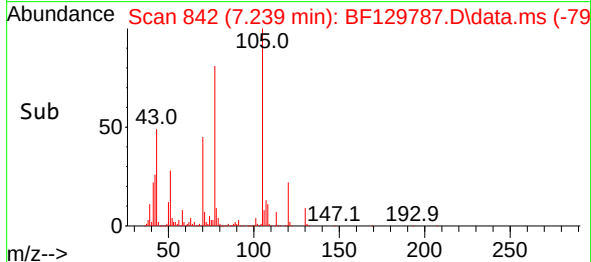
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 70 Resp: 365091
Ion Ratio Lower Upper
70 100
42 58.1 47.6 71.4
101 9.5 8.1 12.1
130 20.8 17.2 25.8

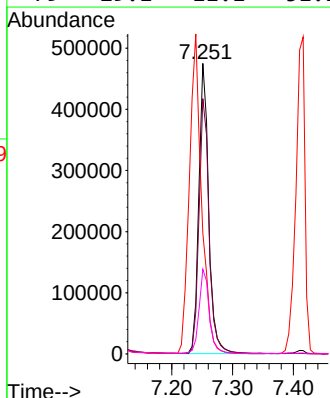
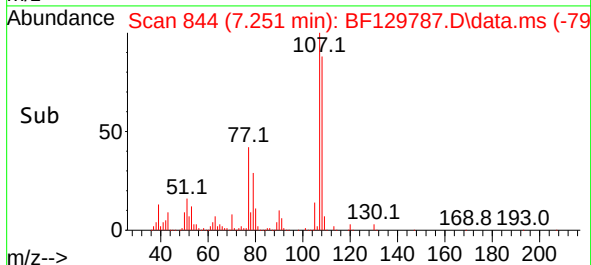
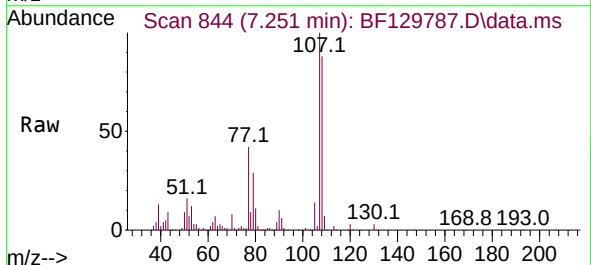
Manual Integrations
APPROVED

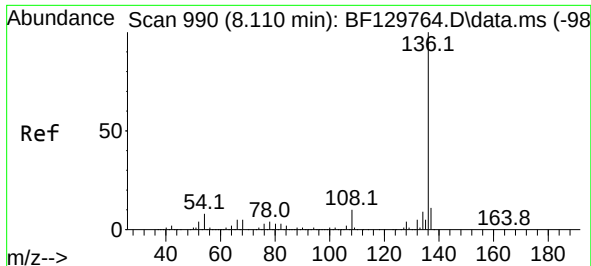
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#20
3+4-Methylphenols
Concen: 44.266 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Tgt Ion:107 Resp: 537035
Ion Ratio Lower Upper
107 100
108 87.9 71.3 111.3
77 41.6 20.4 60.4
79 29.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF129787.D

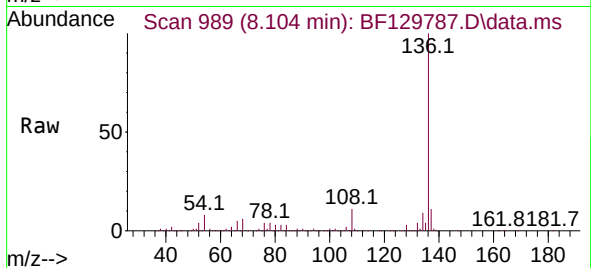
Acq: 15 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

S1MSD



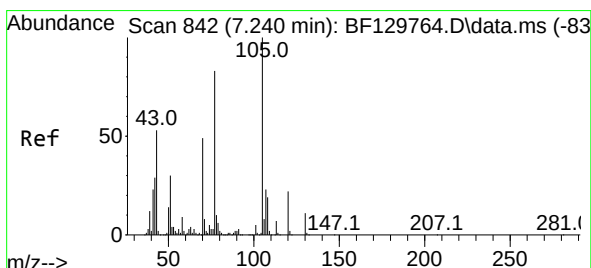
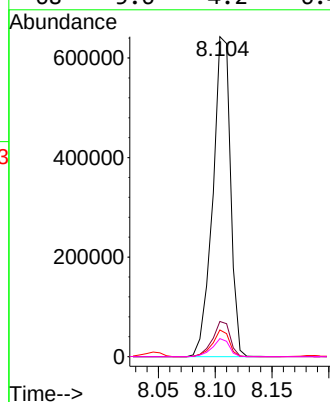
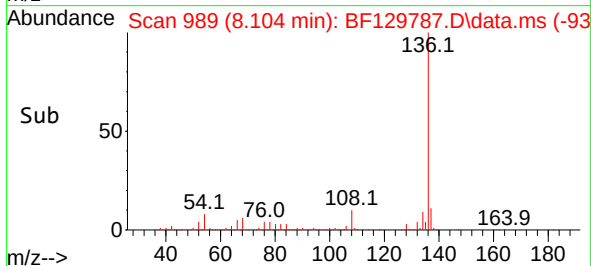
Tgt Ion:	136	Resp:	697170
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	8.3	6.2	9.2
68	5.6	4.2	6.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#22

Acetophenone

Concen: 42.826 ng

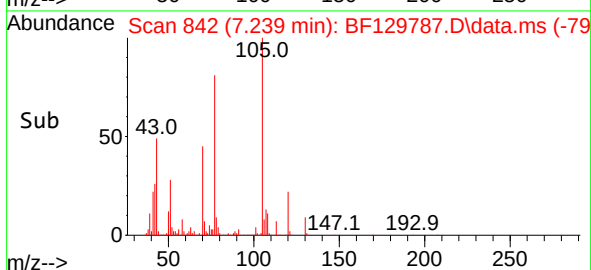
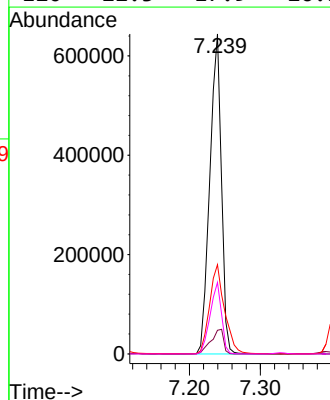
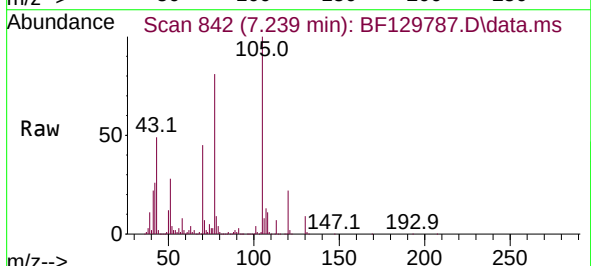
RT: 7.239 min Scan# 842

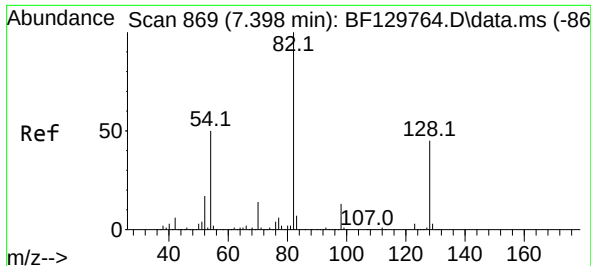
Delta R.T. -0.000 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

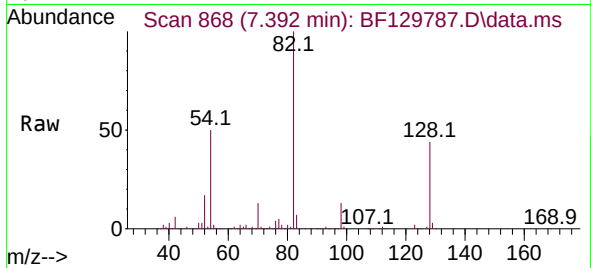
Tgt Ion:	105	Resp:	727586
Ion Ratio	Lower	Upper	
105	100		
71	7.4	6.6	9.8
51	27.9	23.8	35.8
120	22.3	17.9	26.9





#23
Nitrobenzene-d5
Concen: 57.713 ng
RT: 7.392 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

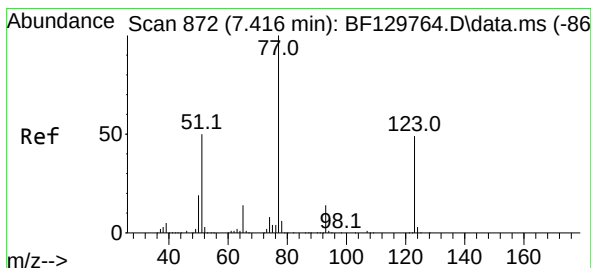
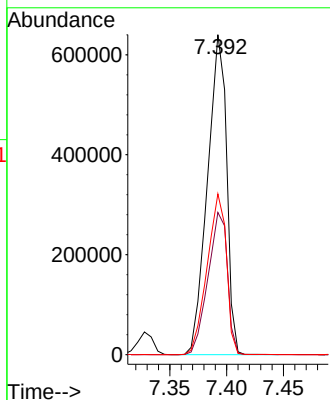
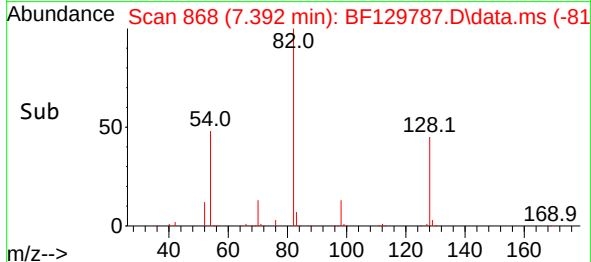
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 82 Resp: 751620
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 50.2 40.0 60.0

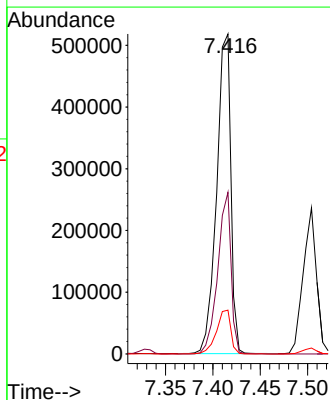
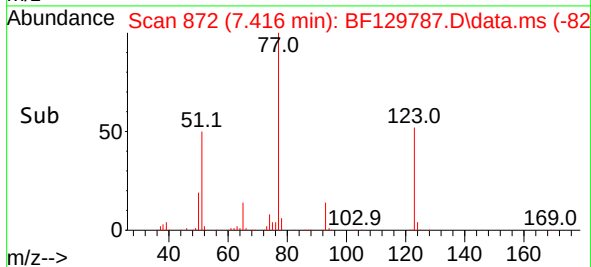
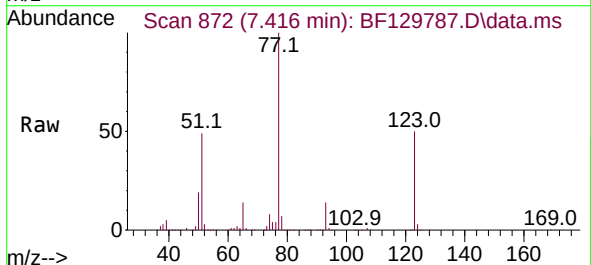
Manual Integrations
APPROVED

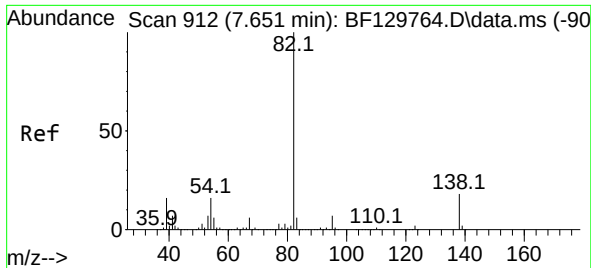
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#24
Nitrobenzene
Concen: 41.100 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

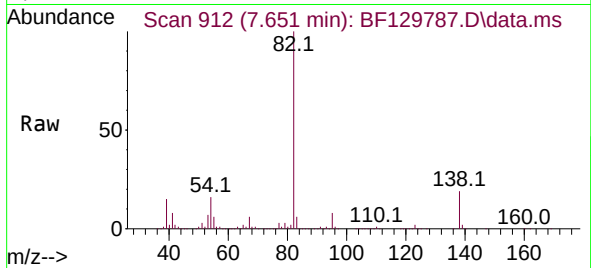
Tgt Ion: 77 Resp: 539734
Ion Ratio Lower Upper
77 100
123 50.5 39.2 58.8
65 13.7 11.1 16.7





#25
Isophorone
Concen: 44.257 ng
RT: 7.651 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

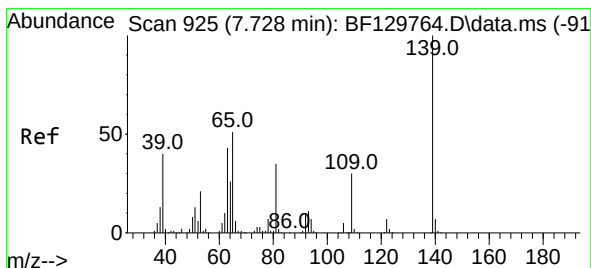
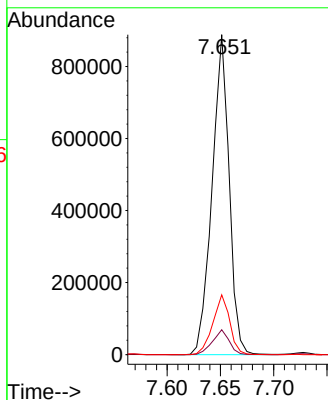
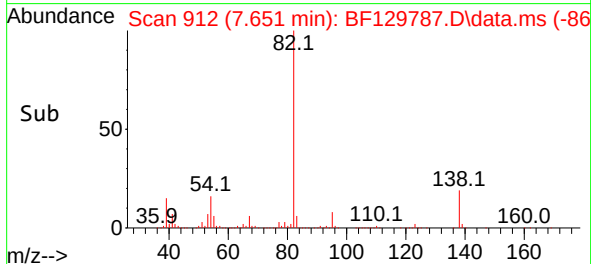
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 82 Resp: 992048
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 18.7 14.6 21.8

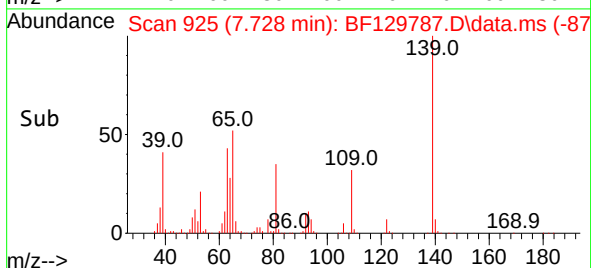
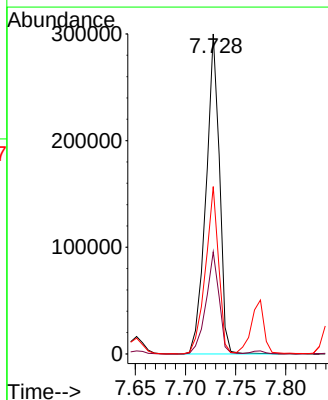
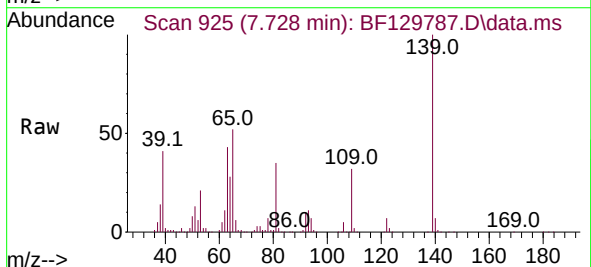
Manual Integrations
APPROVED

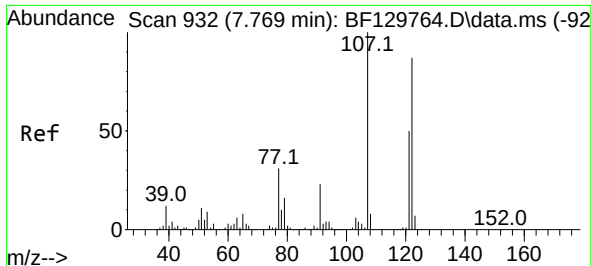
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#26
2-Nitrophenol
Concen: 43.258 ng
RT: 7.728 min Scan# 925
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

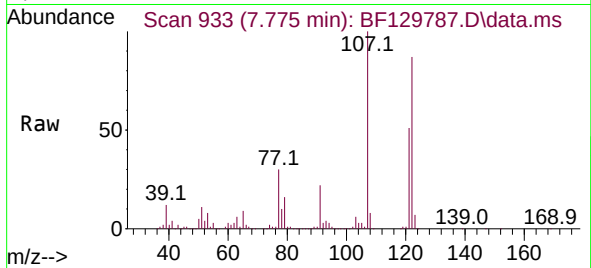
Tgt Ion:139 Resp: 279425
Ion Ratio Lower Upper
139 100
109 31.9 24.4 36.6
65 52.3 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 49.146 ng
RT: 7.775 min Scan# 932
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

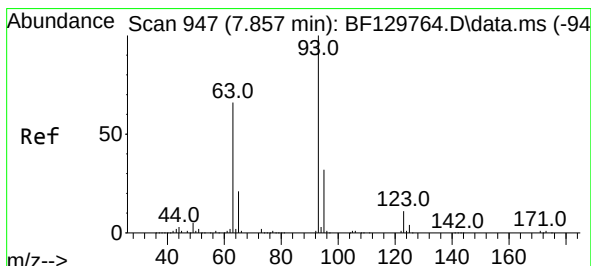
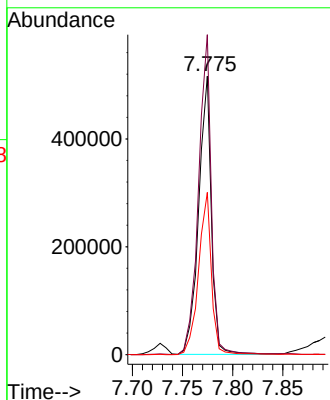
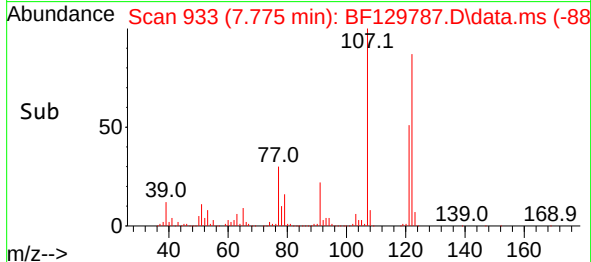
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 122 Resp: 455274
Ion Ratio Lower Upper
122 100
107 114.9 92.2 138.4
121 58.2 46.1 69.1

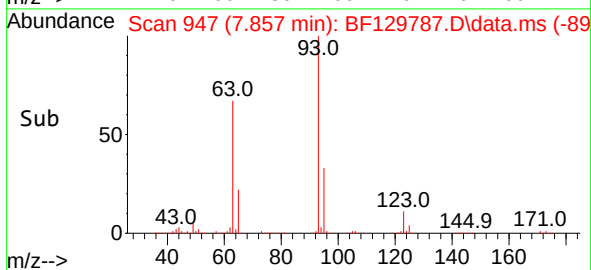
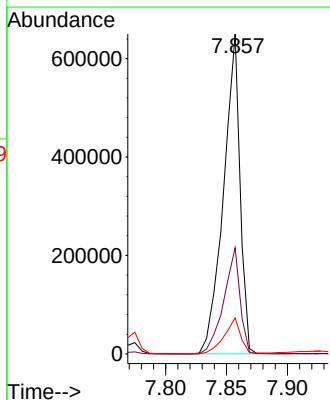
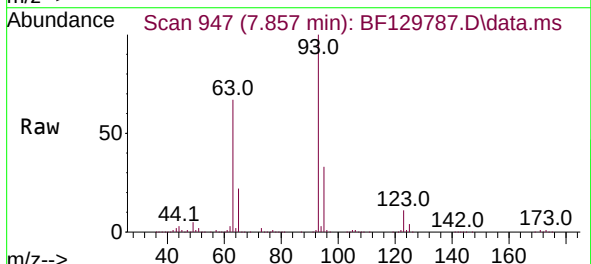
Manual Integrations
APPROVED

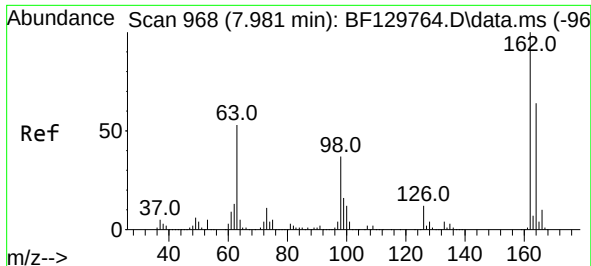
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 47.024 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Tgt Ion: 93 Resp: 615445
Ion Ratio Lower Upper
93 100
95 33.2 25.6 38.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.696 ng

RT: 7.981 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF129787.D

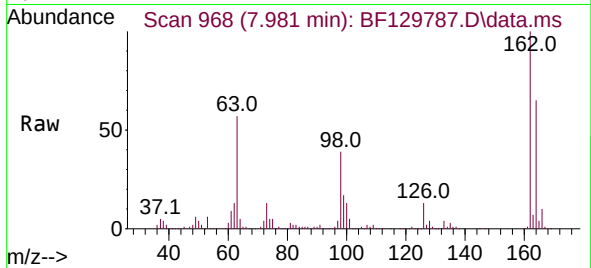
Acq: 15 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

S1MSD



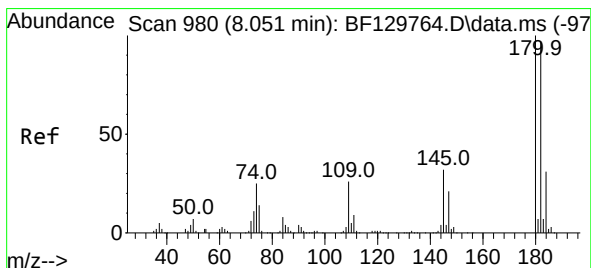
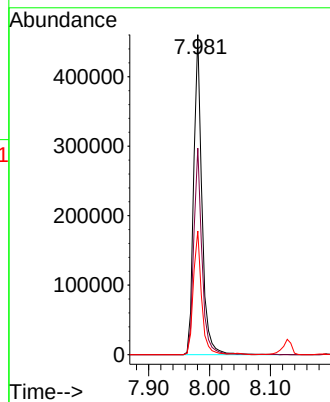
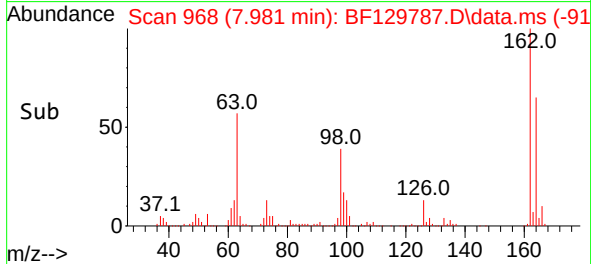
Tgt Ion:	162	Resp:	432493
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.7	83.7
98	38.6	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.440 ng

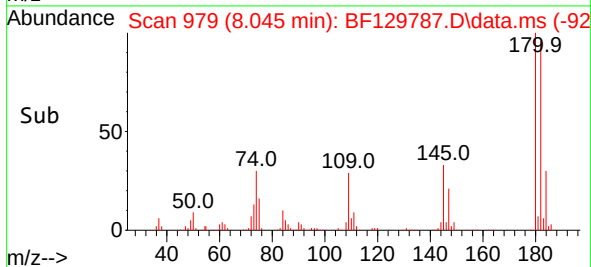
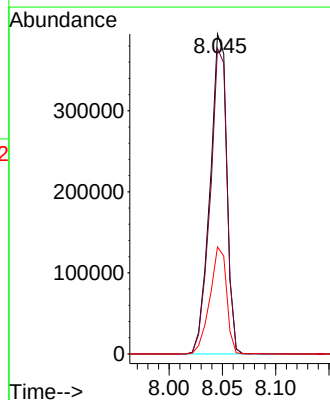
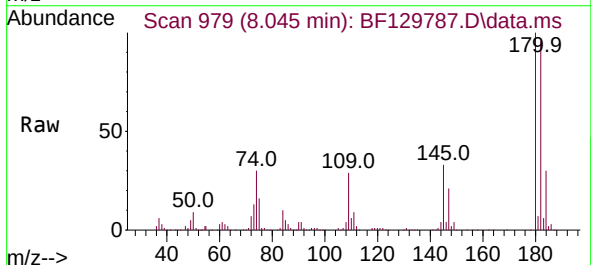
RT: 8.045 min Scan# 979

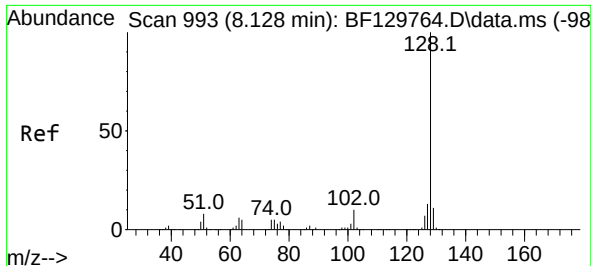
Delta R.T. -0.006 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

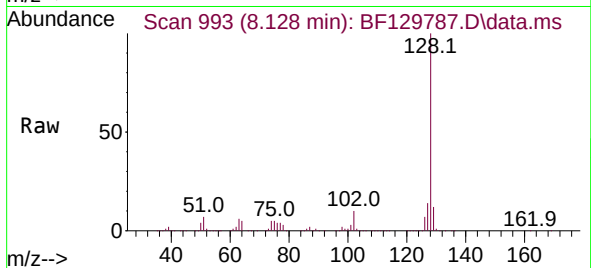
Tgt Ion:	180	Resp:	432156
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.6	116.4
145	33.4	25.6	38.4





#31
Naphthalene
Concen: 40.385 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

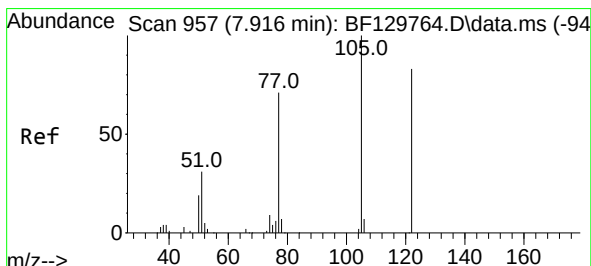
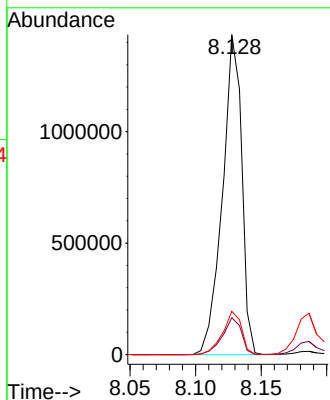
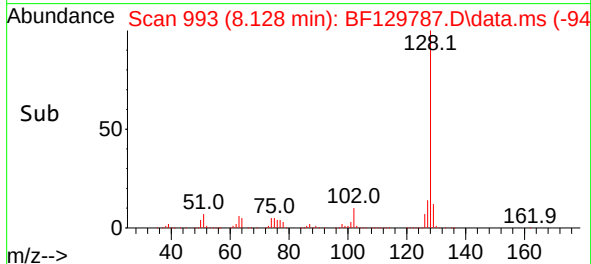
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:128 Resp: 1472133
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.5 10.7 16.1

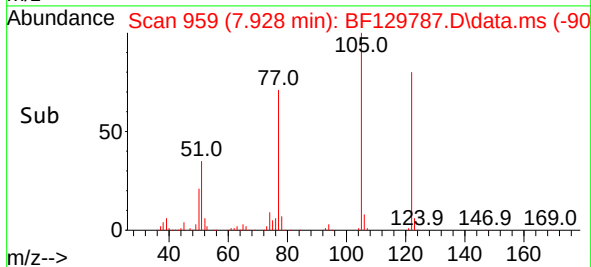
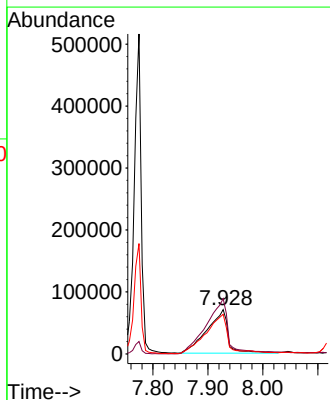
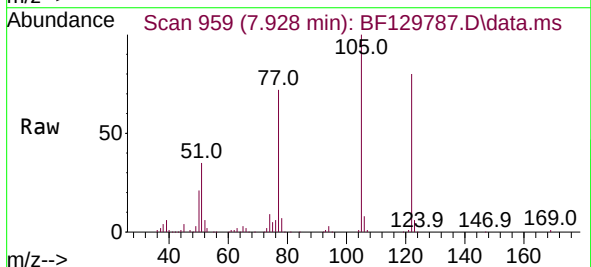
Manual Integrations
APPROVED

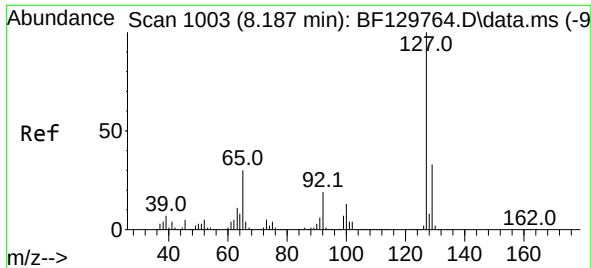
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#32
Benzoic acid
Concen: 46.112 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Tgt Ion:122 Resp: 189265
Ion Ratio Lower Upper
122 100
105 125.1 99.9 139.9
77 89.7 65.9 105.9





#33
4-Chloroaniline
Concen: 22.562 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

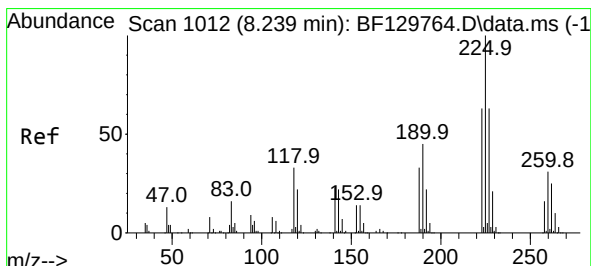
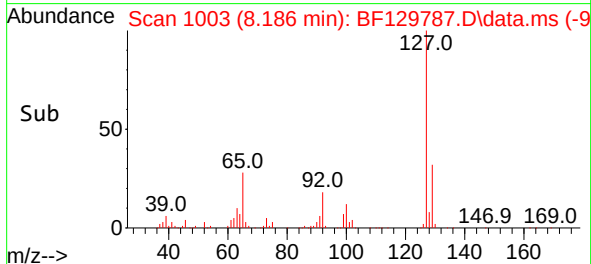
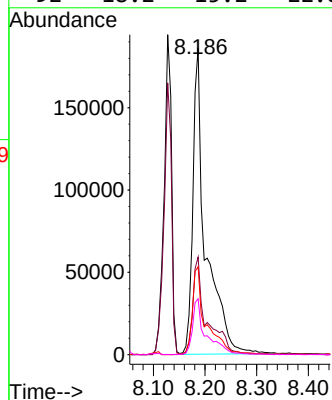
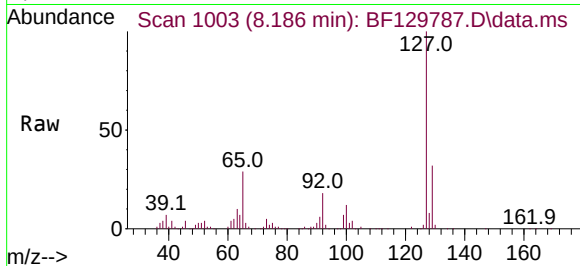
S1MSD

Tgt Ion:127 Resp: 323415
Ion Ratio Lower Upper
127 100
129 31.8 26.7 40.1
65 28.7 24.2 36.2
92 18.2 15.2 22.8

Manual Integrations

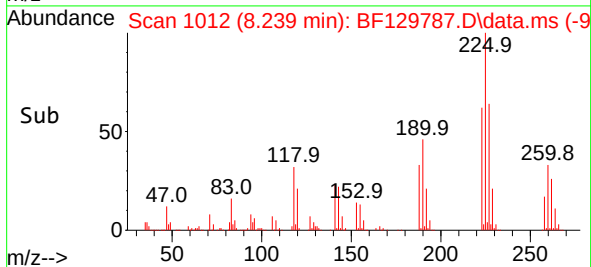
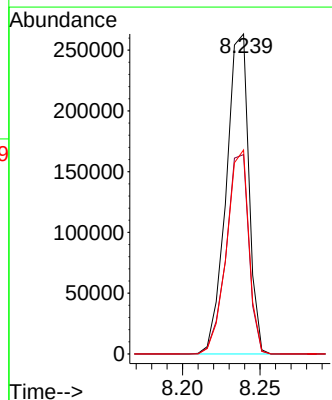
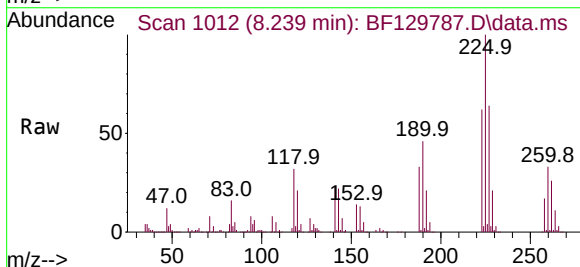
APPROVED

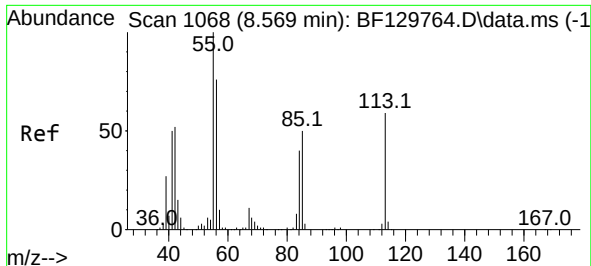
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#34
Hexachlorobutadiene
Concen: 41.106 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

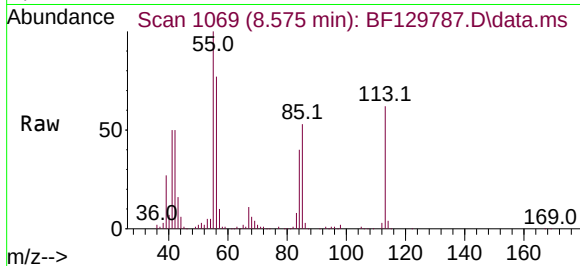
Tgt Ion:225 Resp: 267471
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.2
227 63.8 50.6 75.8





#35
 Caprolactam
 Concen: 42.047 ng m
 RT: 8.575 min Scan# 1068
 Delta R.T. 0.006 min
 Lab File: BF129787.D
 Acq: 15 Aug 2022 18:38

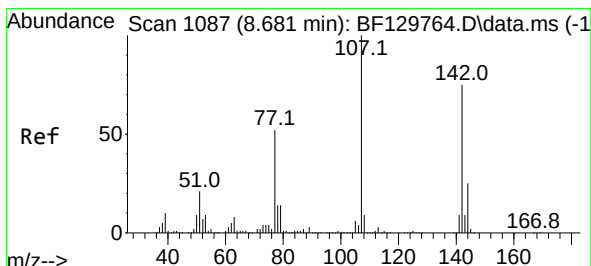
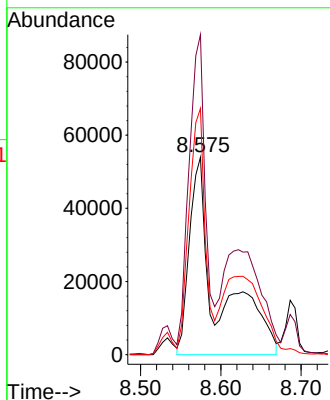
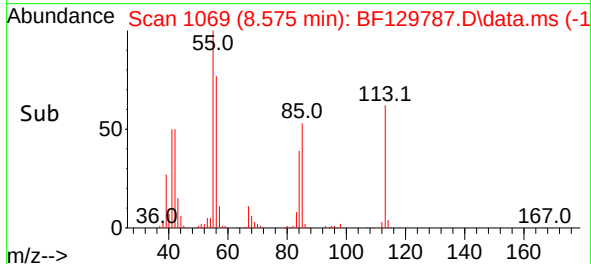
Instrument :
 BNA_F
 ClientSampleId :
 S1MSD



Tgt Ion:113 Resp: 132448
 Ion Ratio Lower Upper
 113 100
 55 162.1 148.8 188.8
 56 124.7 109.1 149.1

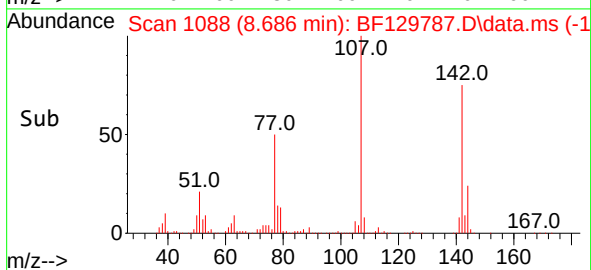
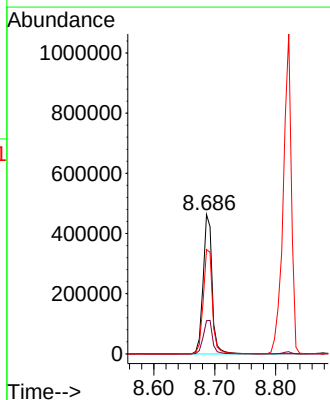
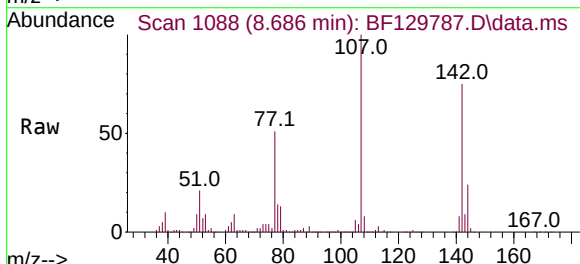
Manual Integrations
 APPROVED

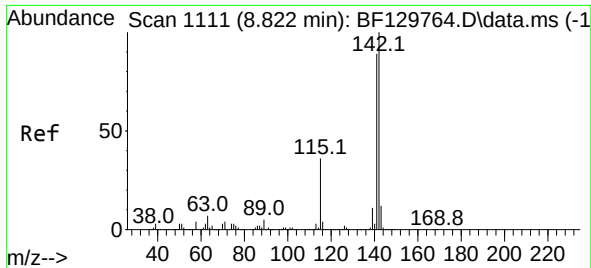
Reviewed By :Christian Giraldo 08/16/2022
 Supervised By :Jagrut Upadhyay 08/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.217 ng
 RT: 8.686 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF129787.D
 Acq: 15 Aug 2022 18:38

Tgt Ion:107 Resp: 472270
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.9 29.9
 142 74.9 60.2 90.4





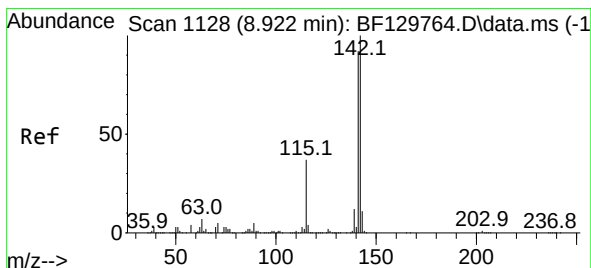
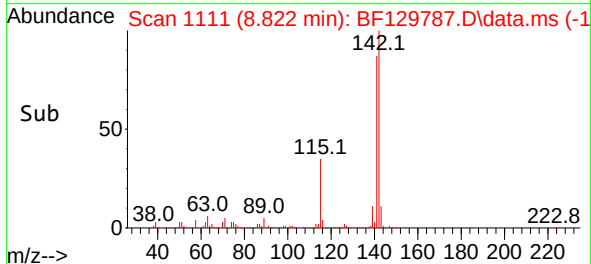
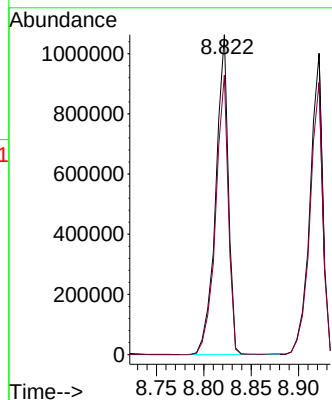
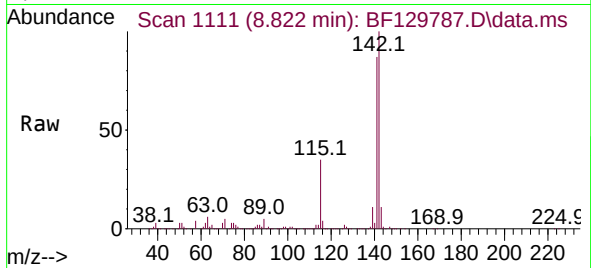
#37
2-Methylnaphthalene
Concen: 41.165 ng
RT: 8.822 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:142 Resp: 984862
Ion Ratio Lower Upper
142 100
141 87.4 70.9 106.3

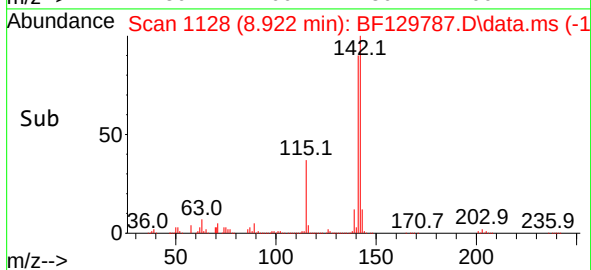
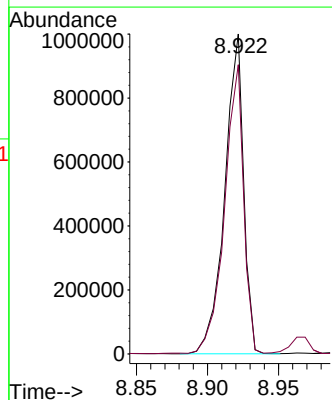
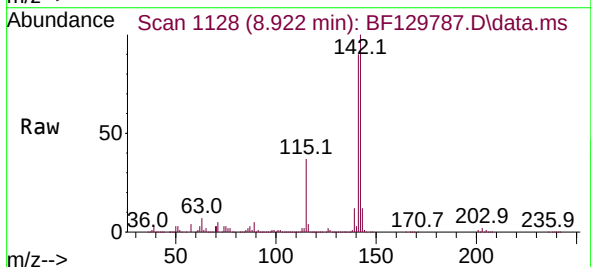
Manual Integrations
APPROVED

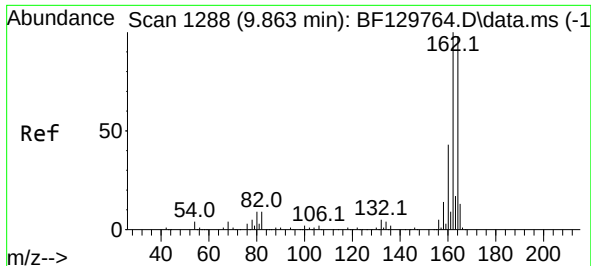
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#38
1-Methylnaphthalene
Concen: 39.828 ng
RT: 8.922 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

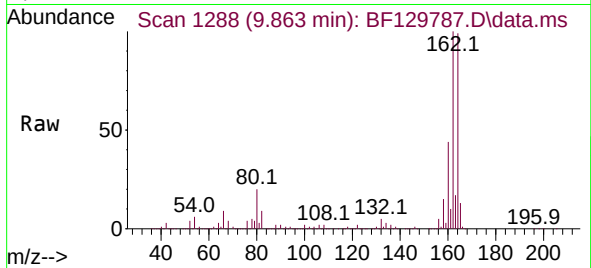
Tgt Ion:142 Resp: 926064
Ion Ratio Lower Upper
142 100
141 90.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

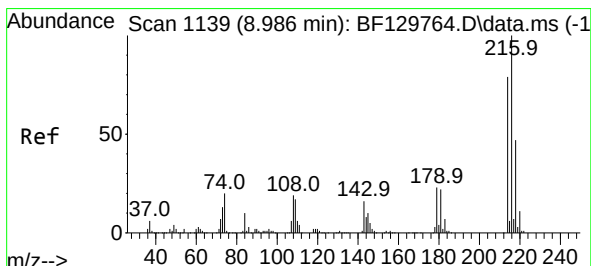
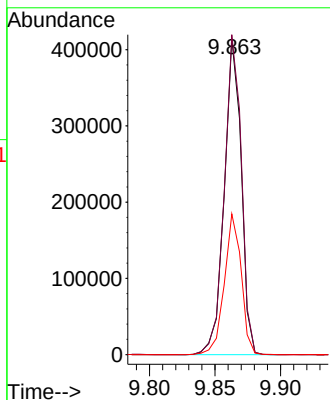
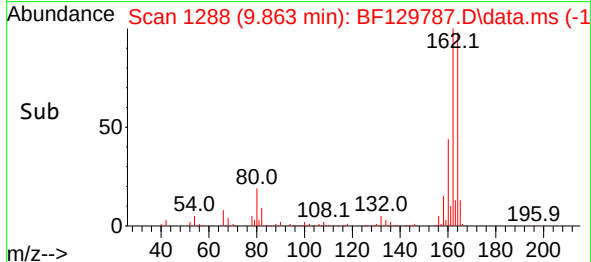
Instrument :
BNA_F
ClientSampleId :
S1MSD



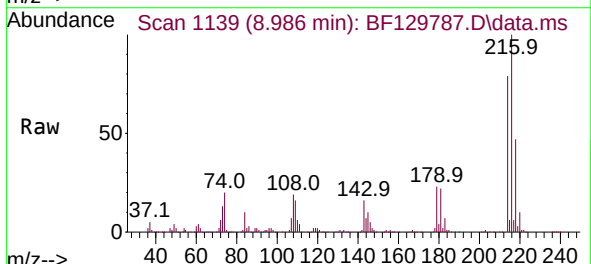
Tgt Ion:164 Resp: 373417
Ion Ratio Lower Upper
164 100
162 101.3 82.0 123.0
160 44.5 35.4 53.0

Manual Integrations
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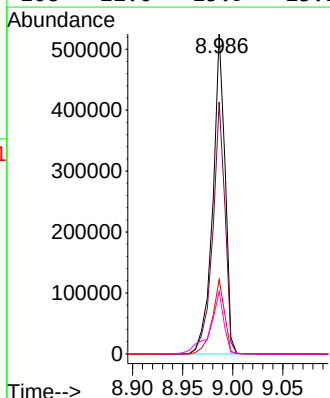
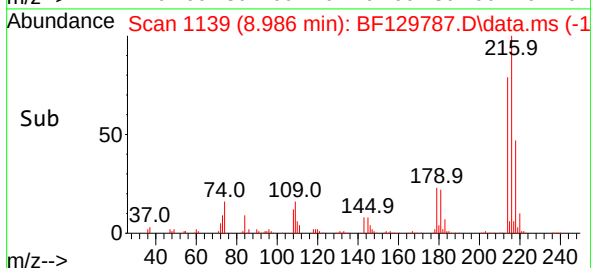
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

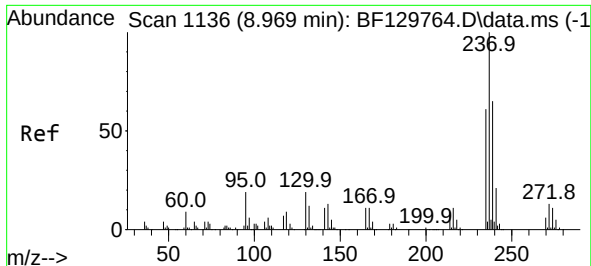


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.697 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



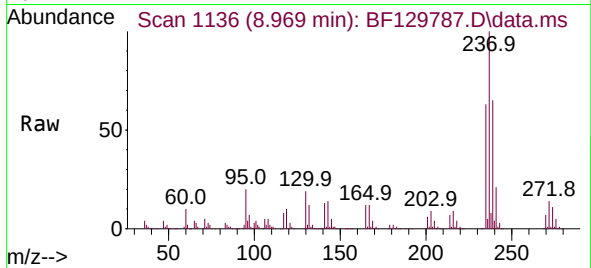
Tgt Ion:216 Resp: 443452
Ion Ratio Lower Upper
216 100
214 79.0 63.1 94.7
179 23.1 18.1 27.1
108 22.0 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 98.315 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

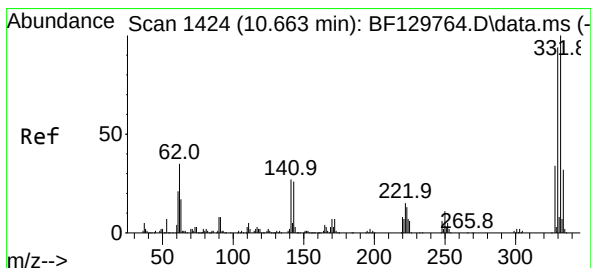
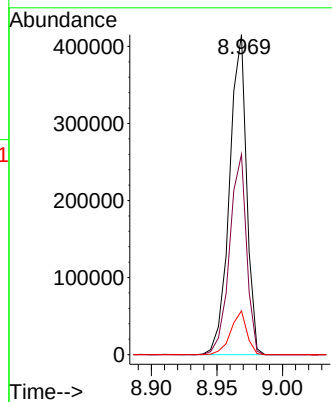
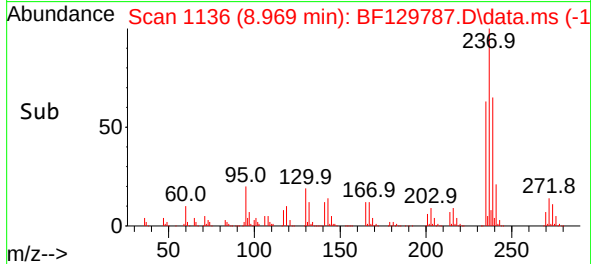
Instrument :
BNA_F
ClientSampleId :
S1MSD



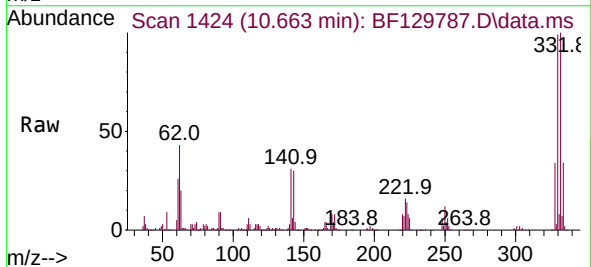
Tgt Ion:237 Resp: 377548
Ion Ratio Lower Upper
237 100
235 62.6 41.5 81.5
272 13.7 0.0 33.3

Manual Integrations
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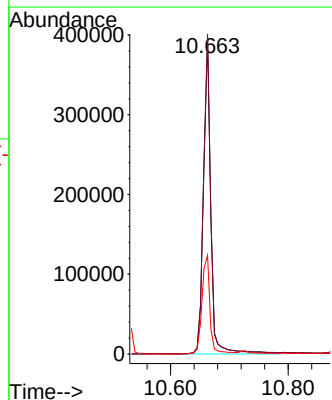
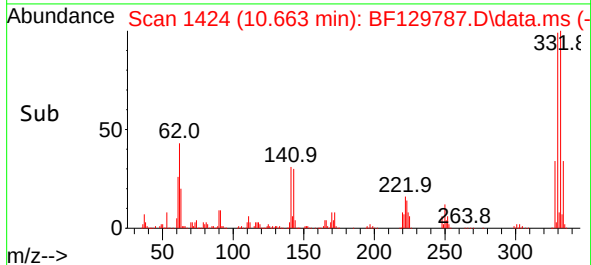
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

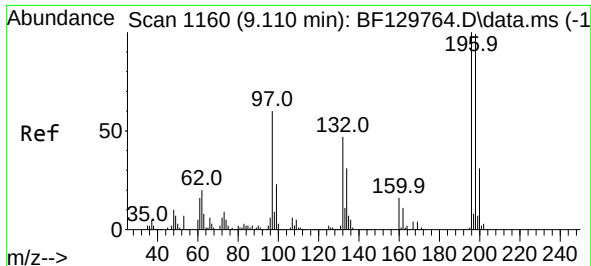


#42
2,4,6-Tribromophenol
Concen: 91.367 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



Tgt Ion:330 Resp: 342425
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 33.9 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 40.894 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

S1MSD

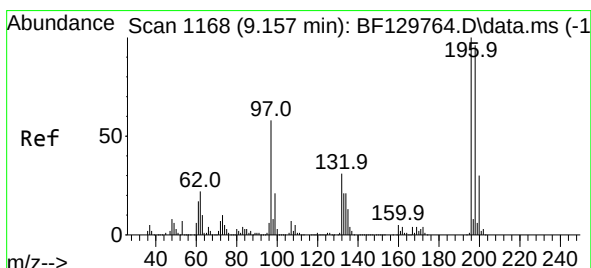
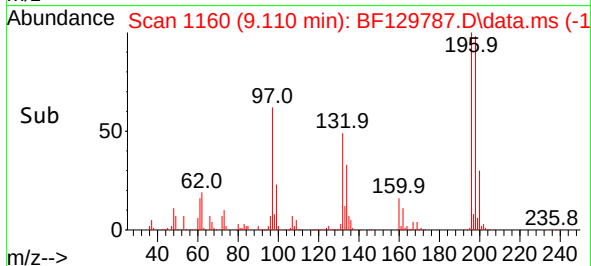
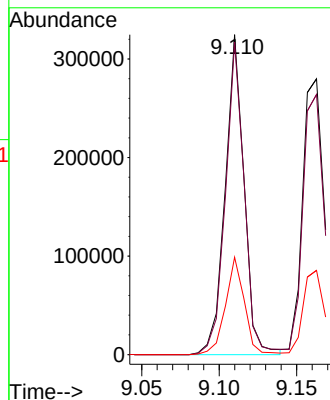
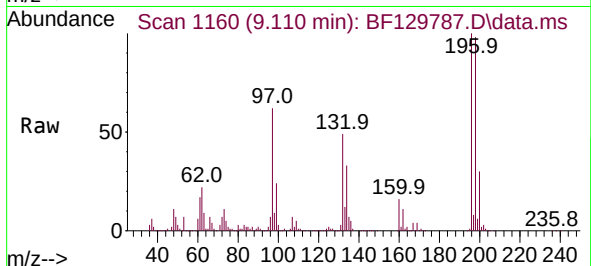
Tgt Ion:196 Resp: 275956
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.0 118.4
 200 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#44

2,4,5-Trichlorophenol

Concen: 41.529 ng

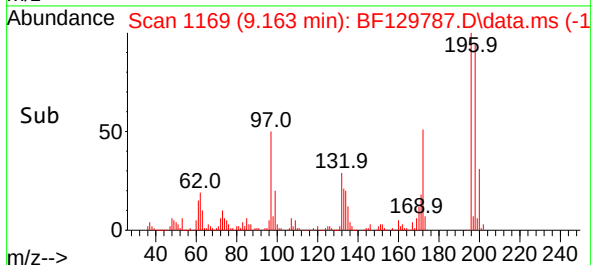
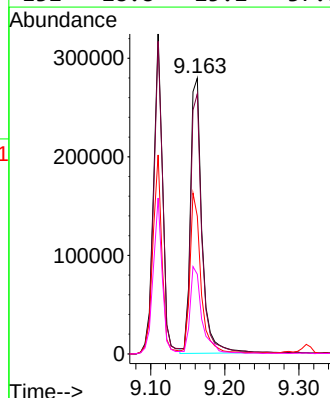
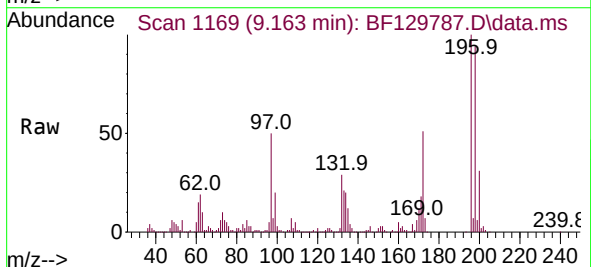
RT: 9.163 min Scan# 1169

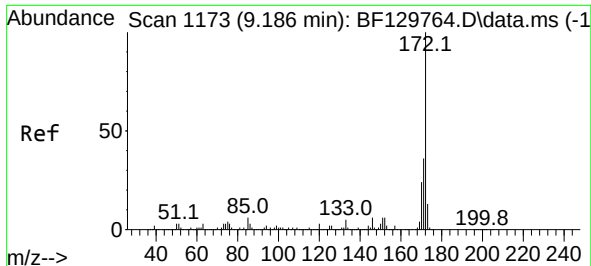
Delta R.T. 0.006 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

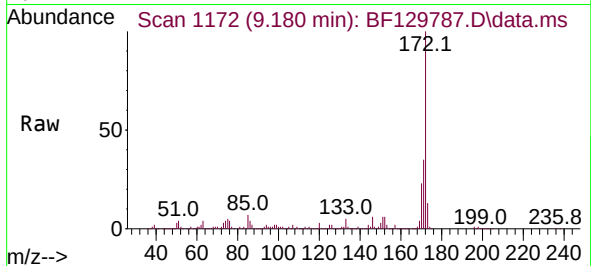
Tgt Ion:196 Resp: 301497
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.4 114.6
 97 49.9 46.5 69.7
 132 28.8 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 58.772 ng
RT: 9.180 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

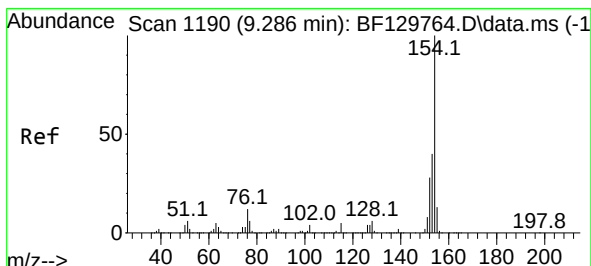
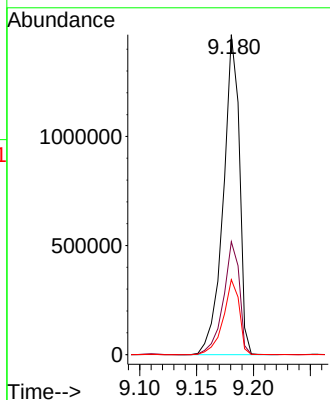
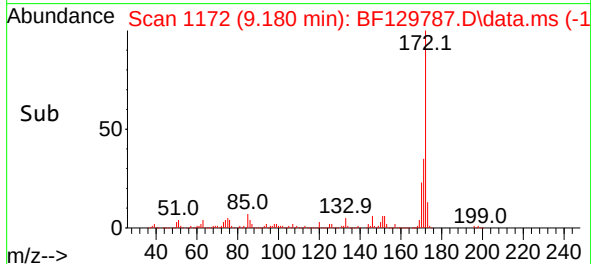
Instrument :
BNA_F
ClientSampleId :
S1MSD



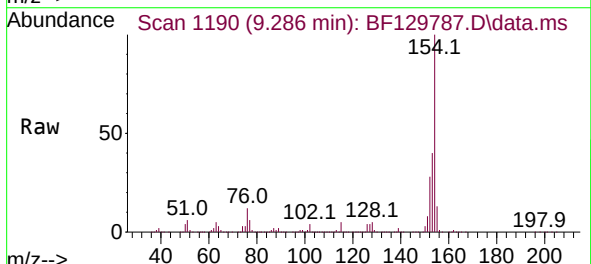
Tgt Ion:172 Resp: 1444976
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 19.1 28.7

Manual Integrations
APPROVED

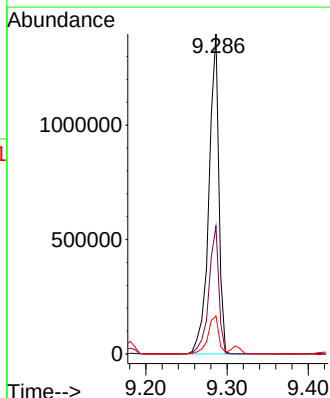
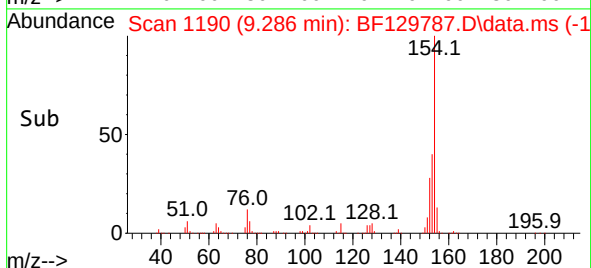
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

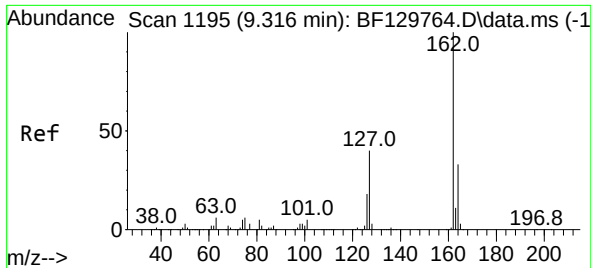


#46
1,1'-Biphenyl
Concen: 42.162 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



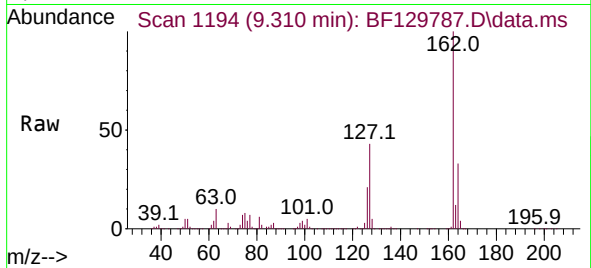
Tgt Ion:154 Resp: 1196071
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 11.9 0.0 32.1





#47
2-Chloronaphthalene
Concen: 41.270 ng
RT: 9.310 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

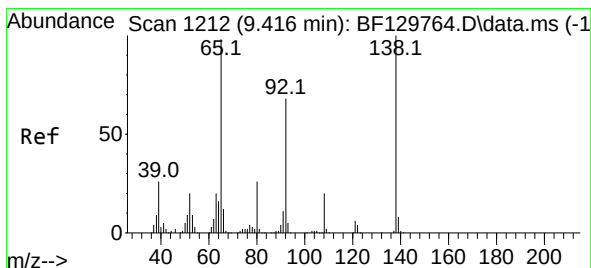
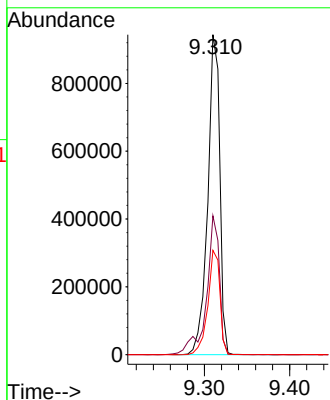
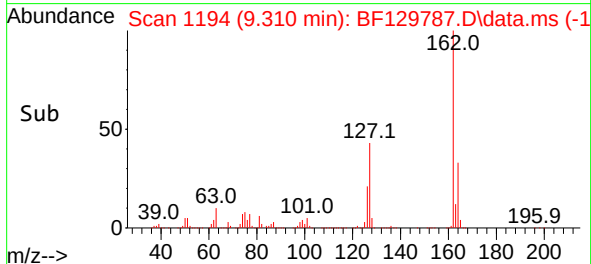
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:162 Resp: 926342
Ion Ratio Lower Upper
162 100
127 43.4 33.1 49.7
164 32.6 26.7 40.1

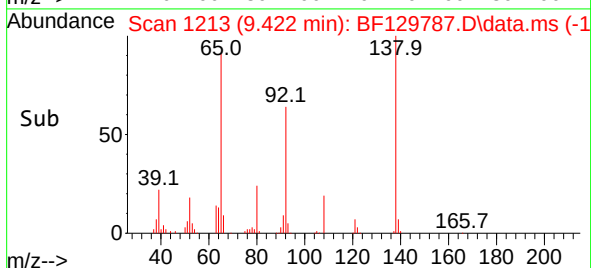
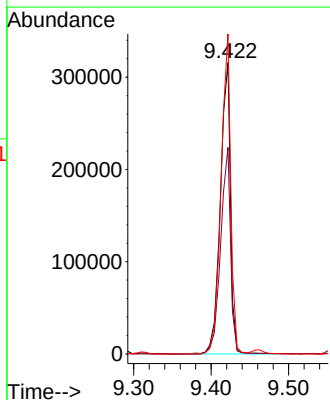
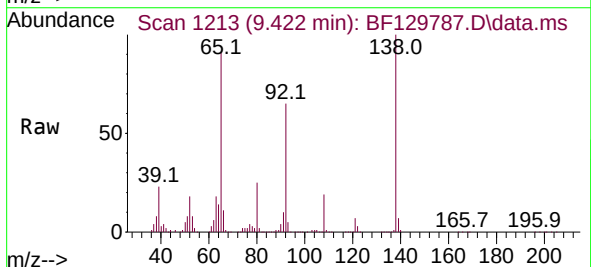
Manual Integrations
APPROVED

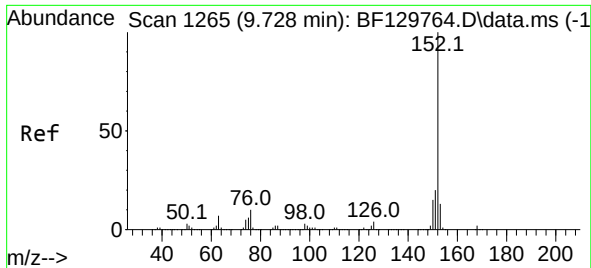
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#48
2-Nitroaniline
Concen: 40.569 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

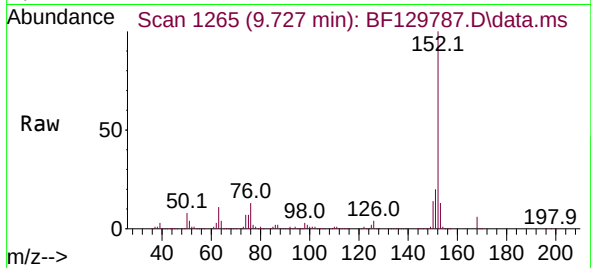
Tgt Ion: 65 Resp: 287770
Ion Ratio Lower Upper
65 100
92 70.9 55.0 82.4
138 109.8 81.3 121.9





#49
Acenaphthylene
Concen: 40.341 ng
RT: 9.727 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

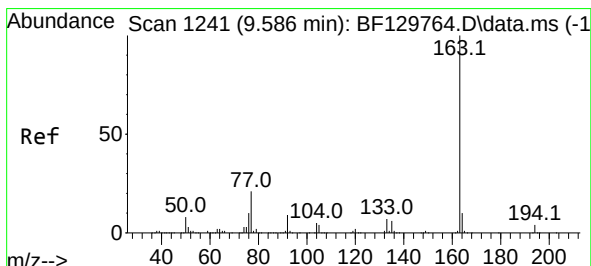
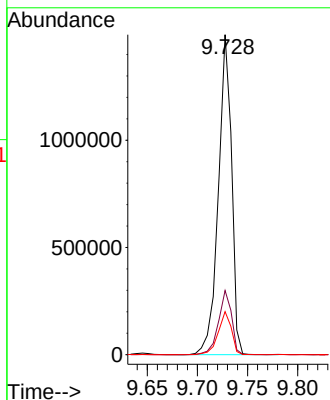
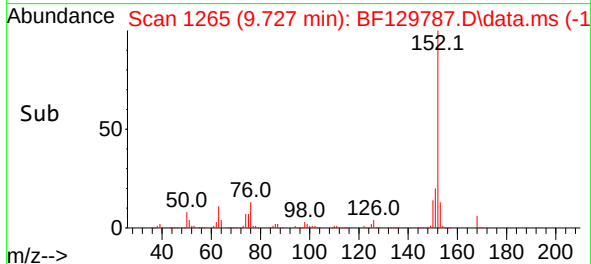
Instrument :
BNA_F
ClientSampleId :
S1MSD



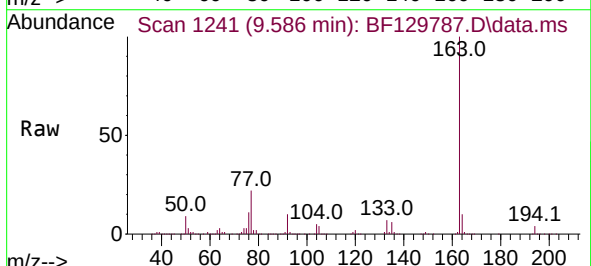
Tgt Ion:152 Resp: 1373086
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.5 10.6 16.0

Manual Integrations
APPROVED

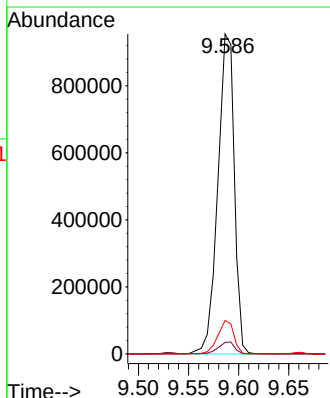
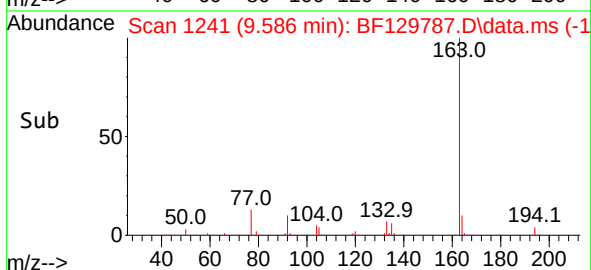
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

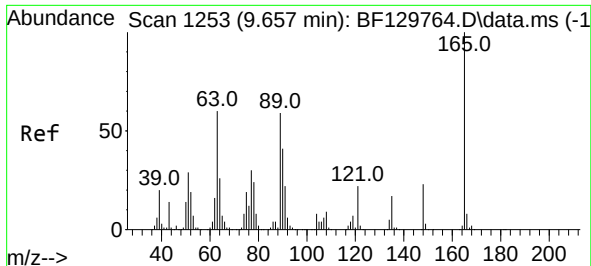


#50
Dimethylphthalate
Concen: 41.001 ng
RT: 9.586 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



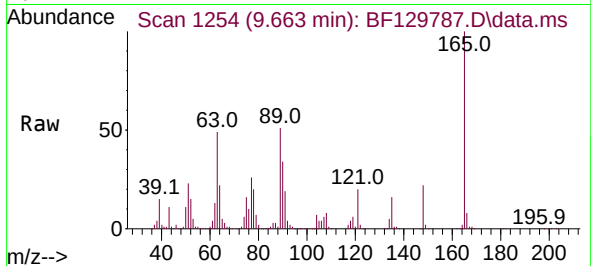
Tgt Ion:163 Resp: 1097552
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.730 ng
RT: 9.663 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

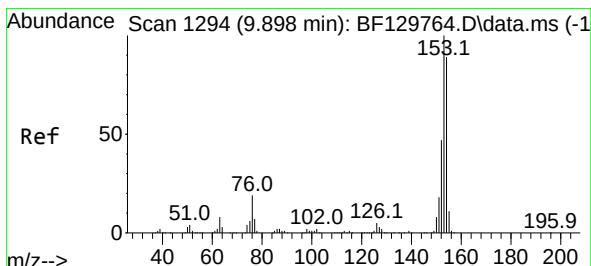
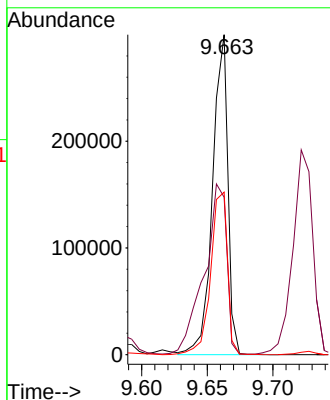
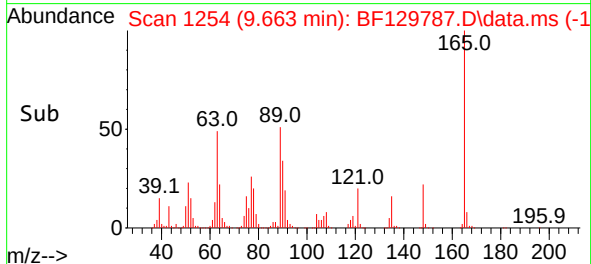
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:165 Resp: 242320
Ion Ratio Lower Upper
165 100
63 49.2 47.8 71.8
89 50.8 47.2 70.8

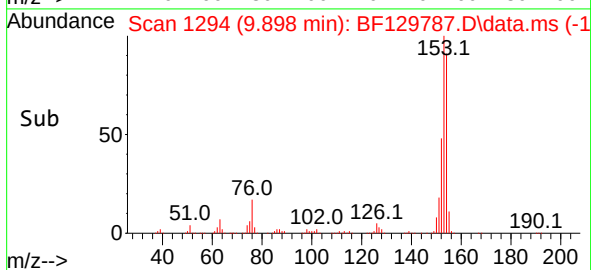
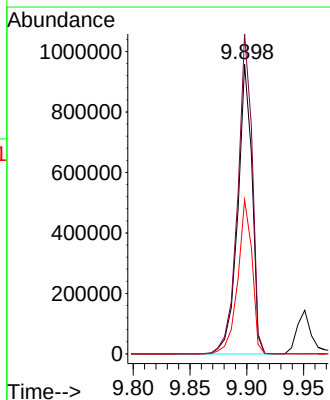
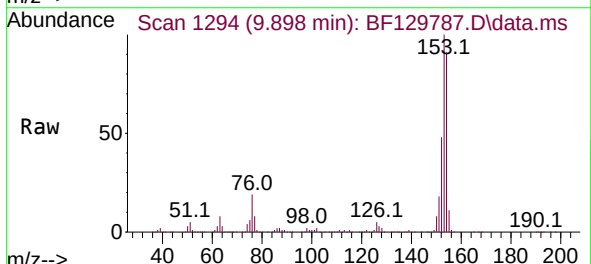
Manual Integrations
APPROVED

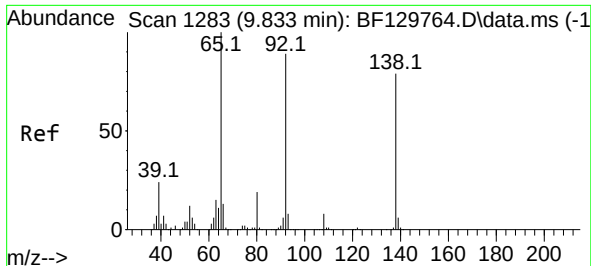
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#52
Acenaphthene
Concen: 40.776 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

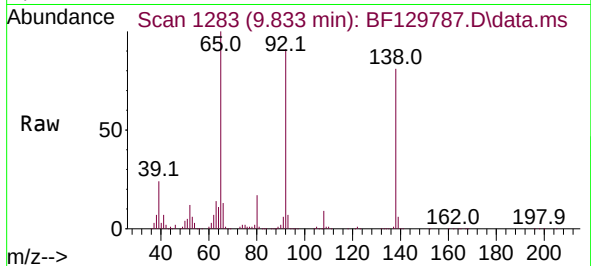
Tgt Ion:154 Resp: 842034
Ion Ratio Lower Upper
154 100
153 110.5 89.8 134.6
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 24.770 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

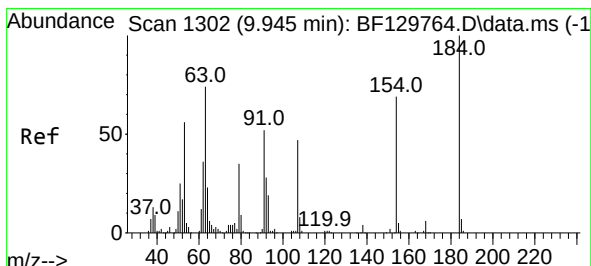
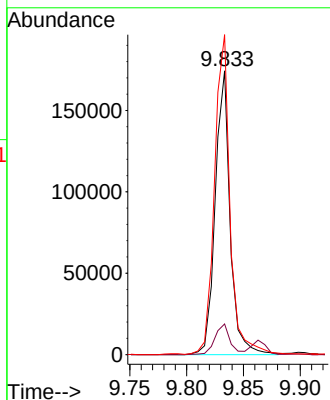
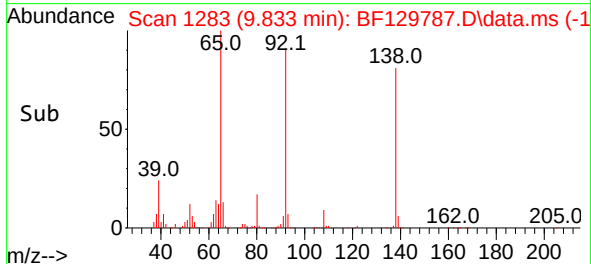
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:138 Resp: 159066
Ion Ratio Lower Upper
138 100
108 10.8 8.4 12.6
92 112.8 89.8 134.8

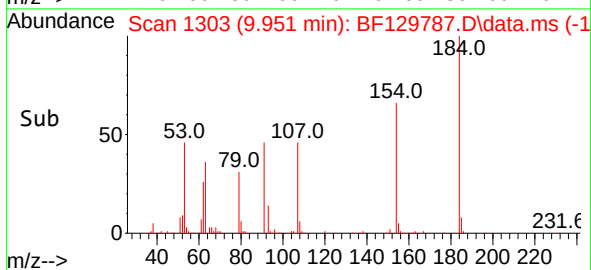
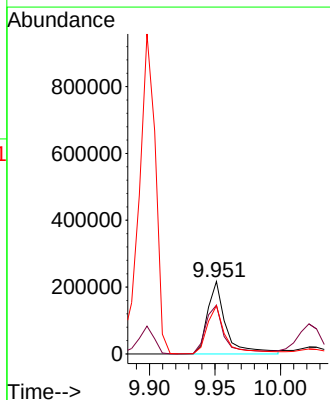
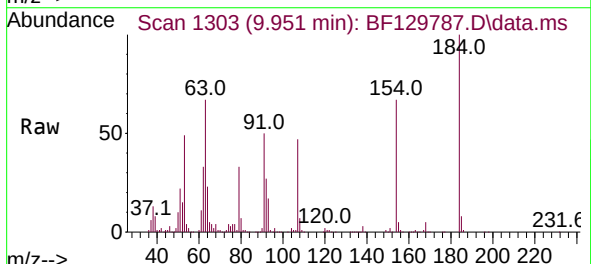
Manual Integrations
APPROVED

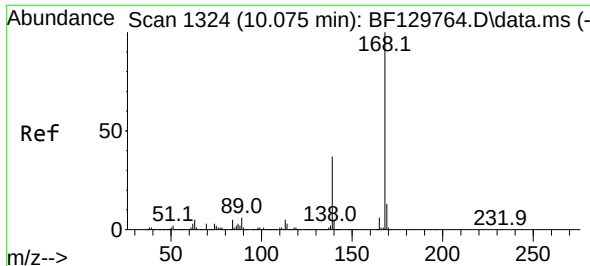
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#54
2,4-Dinitrophenol
Concen: 80.348 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

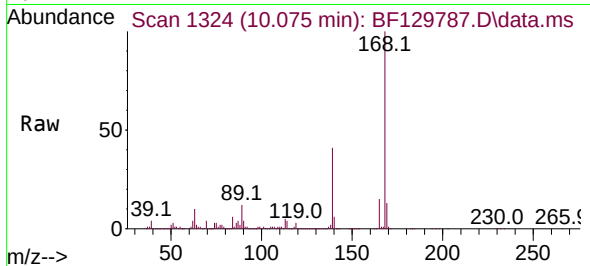
Tgt Ion:184 Resp: 211012
Ion Ratio Lower Upper
184 100
63 67.4 59.6 89.4
154 66.6 55.3 82.9





#55
Dibenzenofuran
Concen: 39.650 ng
RT: 10.075 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

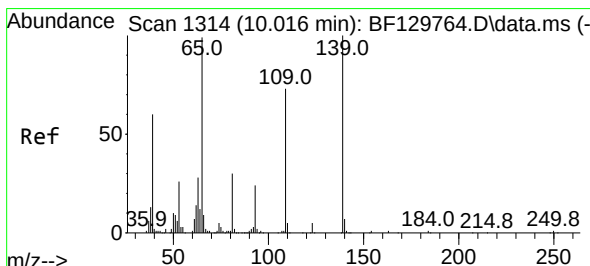
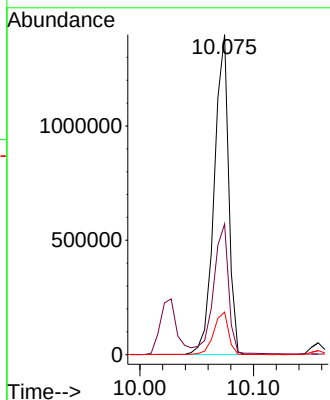
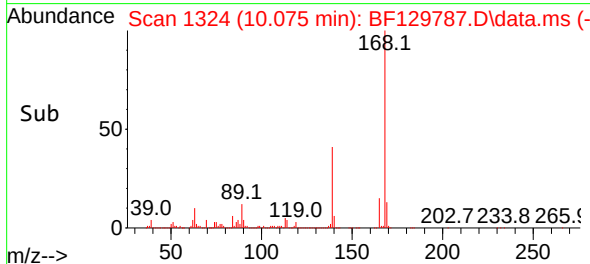
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:168 Resp: 1230108
Ion Ratio Lower Upper
168 100
139 40.8 31.3 46.9
169 13.3 10.7 16.1

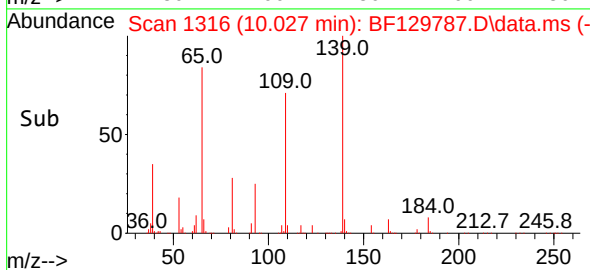
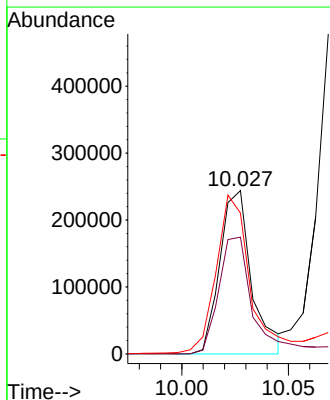
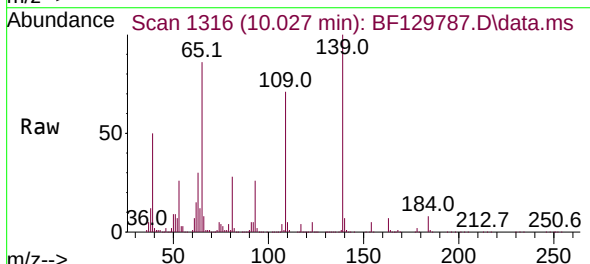
Manual Integrations
APPROVED

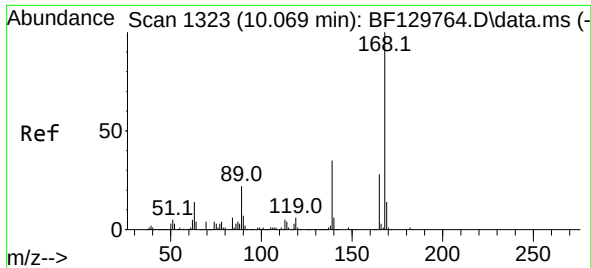
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#56
4-Nitrophenol
Concen: 88.616 ng
RT: 10.027 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

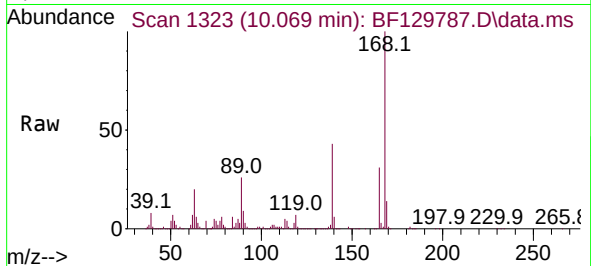
Tgt Ion:139 Resp: 253165
Ion Ratio Lower Upper
139 100
109 71.4 52.9 92.9
65 86.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 40.431 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

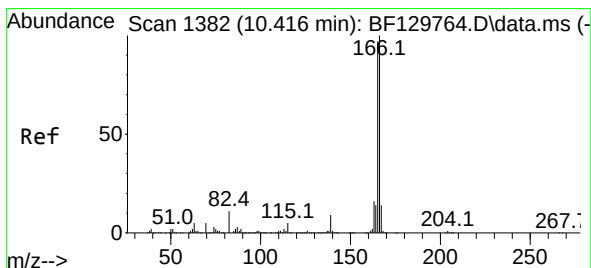
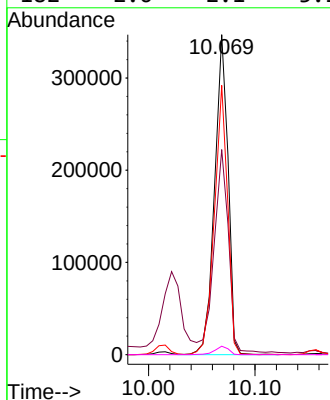
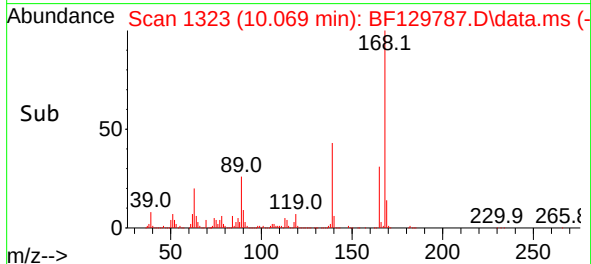
Instrument :
BNA_F
ClientSampleId :
S1MSD



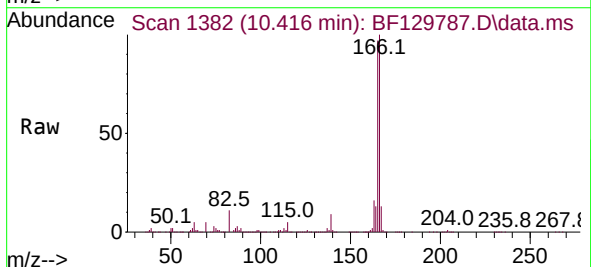
Tgt Ion:165 Resp: 304768
Ion Ratio Lower Upper
165 100
63 64.1 48.4 72.6
89 84.1 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

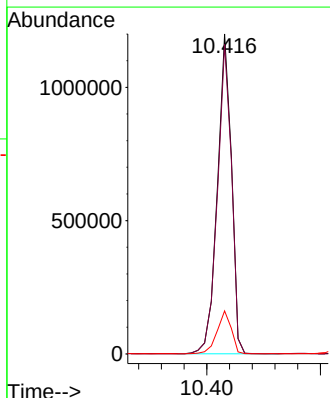
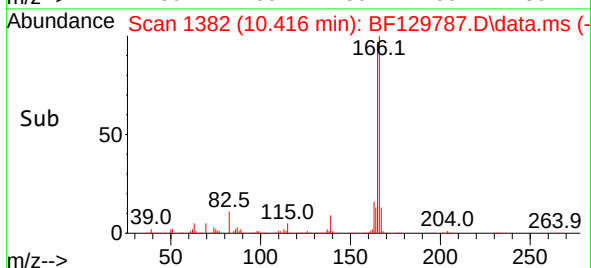
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

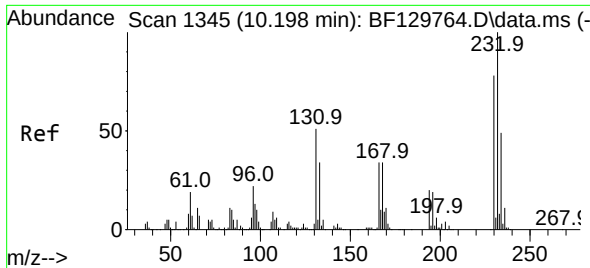


#58
Fluorene
Concen: 39.692 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



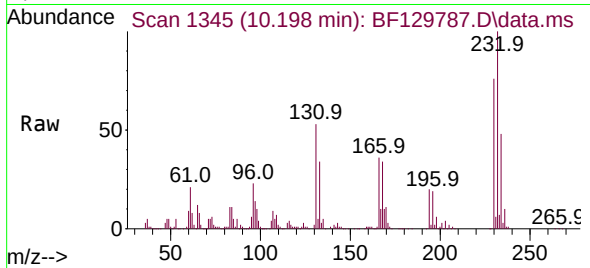
Tgt Ion:166 Resp: 1028180
Ion Ratio Lower Upper
166 100
165 96.7 77.9 116.9
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.514 ng
RT: 10.198 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

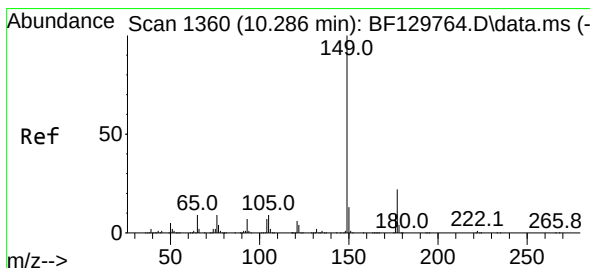
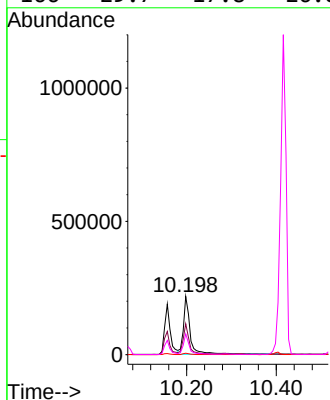
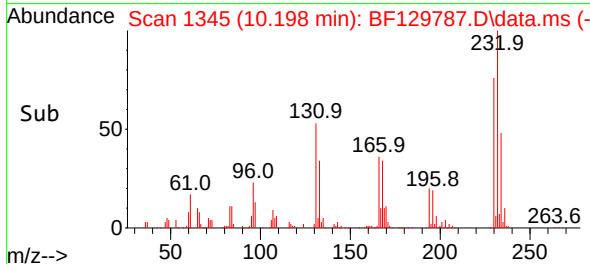
Instrument :
BNA_F
ClientSampleId :
S1MSD



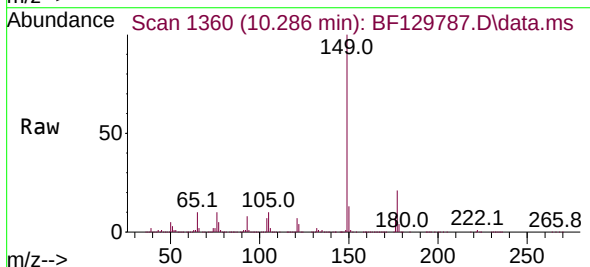
Tgt Ion:232 Resp: 226507
Ion Ratio Lower Upper
232 100
131 45.0 29.9 44.9
130 2.5 1.5 2.3
166 29.7 17.8 26.8

Manual Integrations
APPROVED

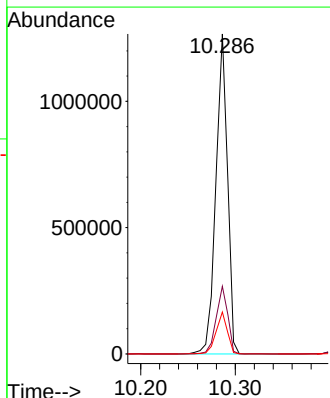
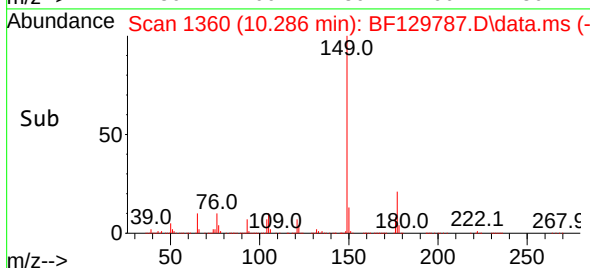
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

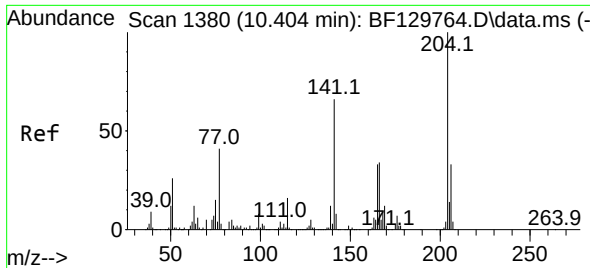


#60
Diethylphthalate
Concen: 40.340 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



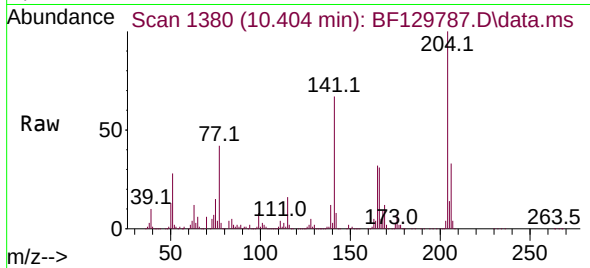
Tgt Ion:149 Resp: 1076737
Ion Ratio Lower Upper
149 100
177 21.1 17.7 26.5
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.269 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

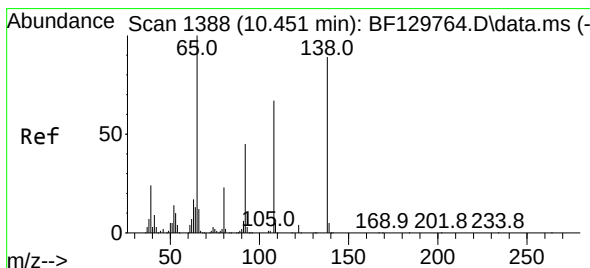
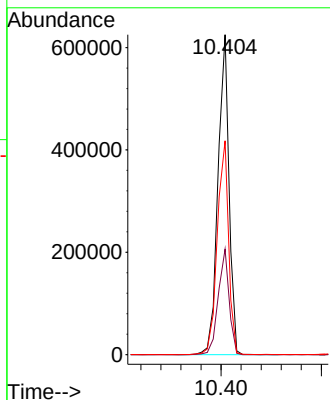
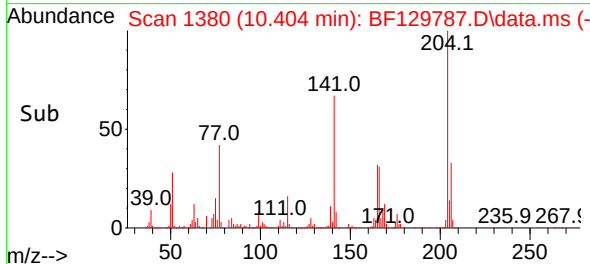
Instrument :
BNA_F
ClientSampleId :
S1MSD



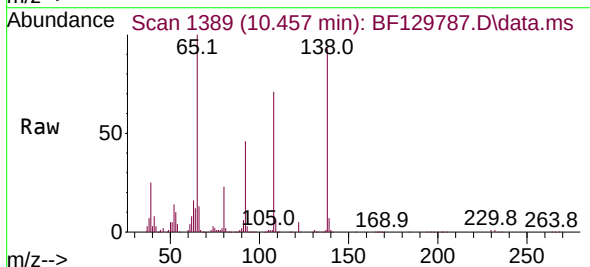
Tgt Ion:204 Resp: 479744
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 66.8 52.6 79.0

Manual Integrations
APPROVED

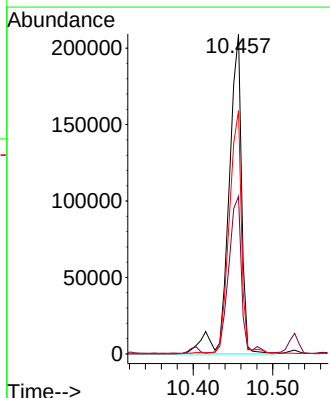
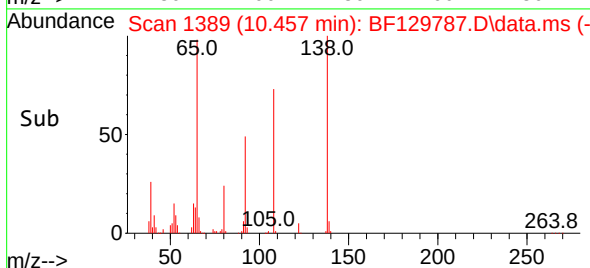
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

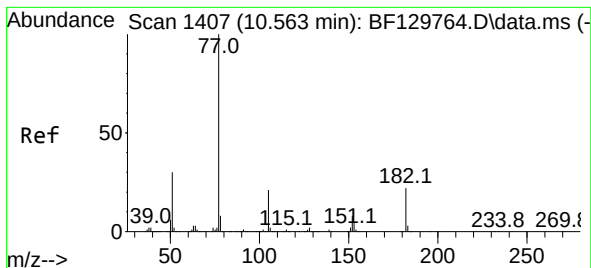


#62
4-Nitroaniline
Concen: 36.005 ng m
RT: 10.457 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



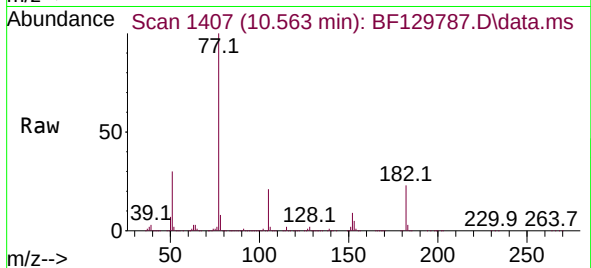
Tgt Ion:138 Resp: 233254
Ion Ratio Lower Upper
138 100
92 49.3 30.3 70.3
108 76.0 55.7 95.7





#63
Azobenzene
Concen: 40.408 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

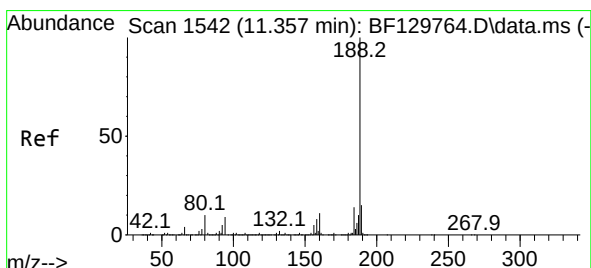
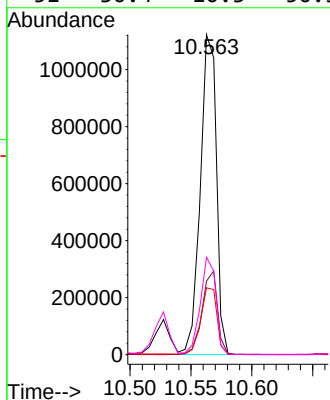
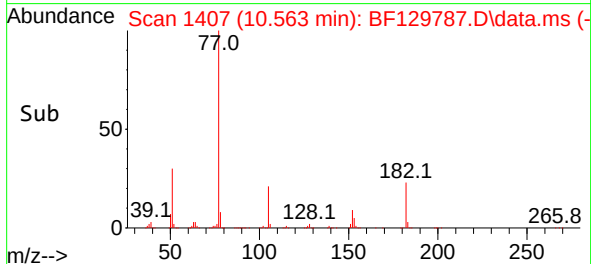
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 77 Resp: 1030921
Ion Ratio Lower Upper
77 100
182 23.0 2.2 42.2
105 20.9 0.8 40.8
51 30.4 10.3 50.3

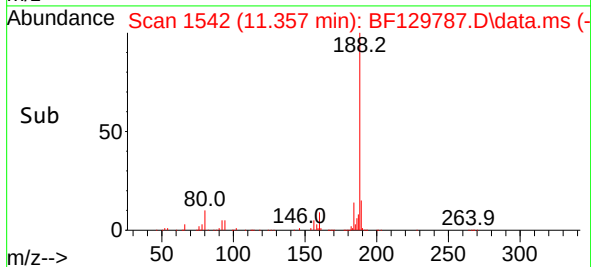
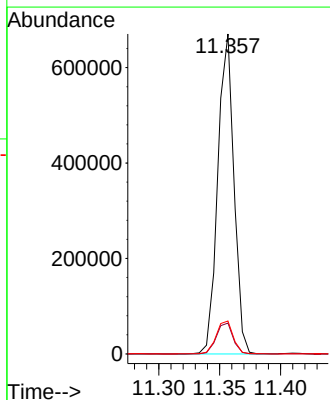
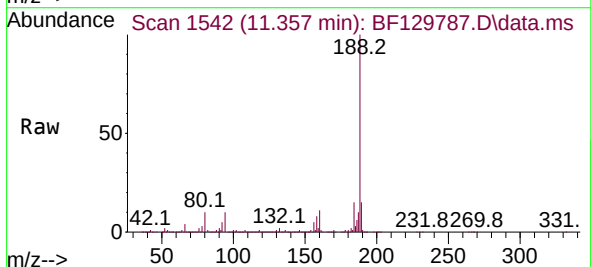
Manual Integrations
APPROVED

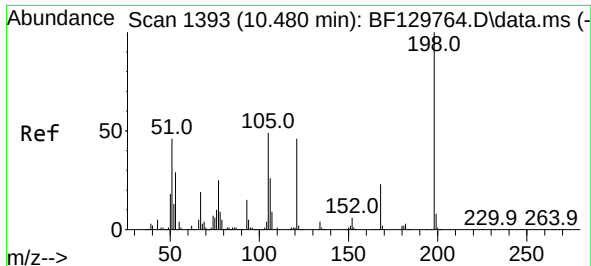
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

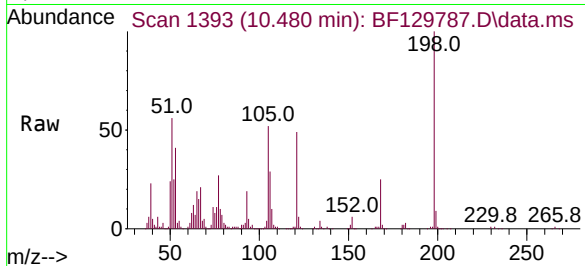
Tgt Ion:188 Resp: 618870
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.011 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

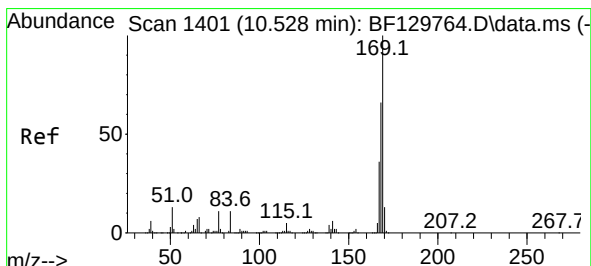
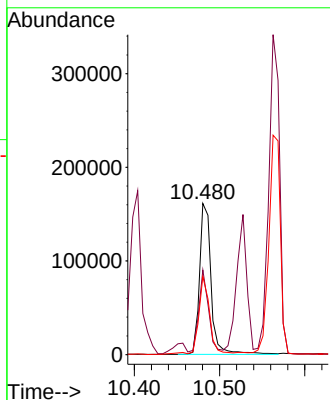
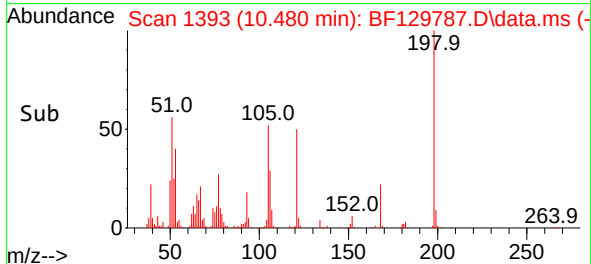
Instrument :
BNA_F
ClientSampleId :
S1MSD



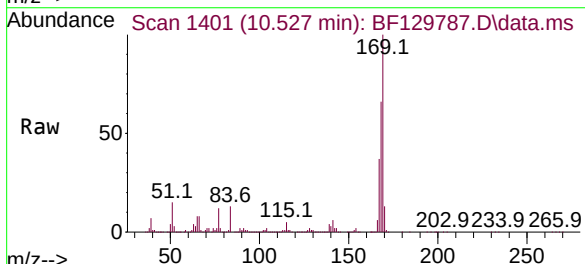
Tgt Ion:198 Resp: 152631
Ion Ratio Lower Upper
198 100
51 55.9 29.4 69.4
105 51.6 29.2 69.2

Manual Integrations
APPROVED

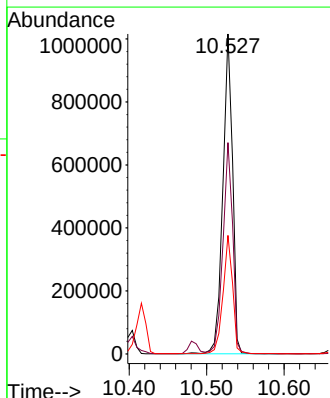
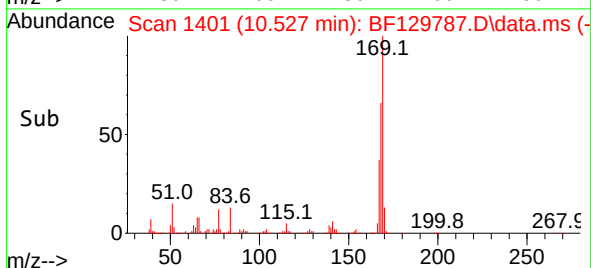
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

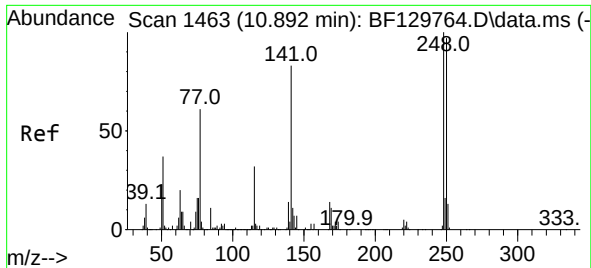


#66
n-Nitrosodiphenylamine
Concen: 42.193 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



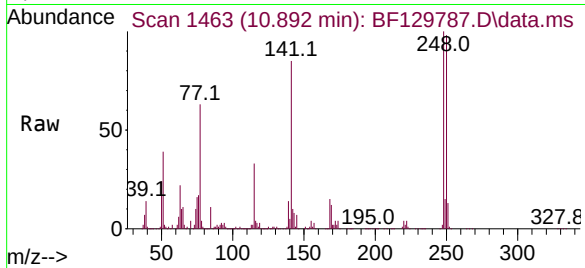
Tgt Ion:169 Resp: 881329
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 37.0 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 42.316 ng
RT: 10.892 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

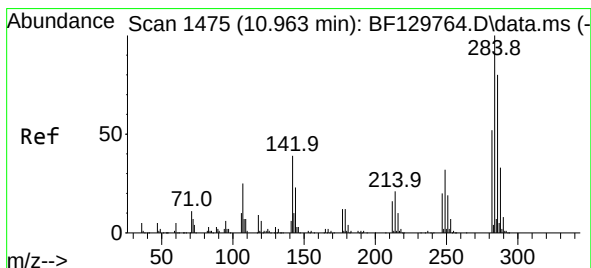
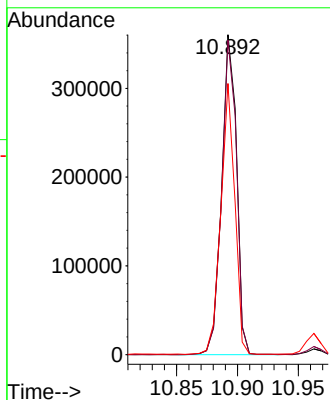
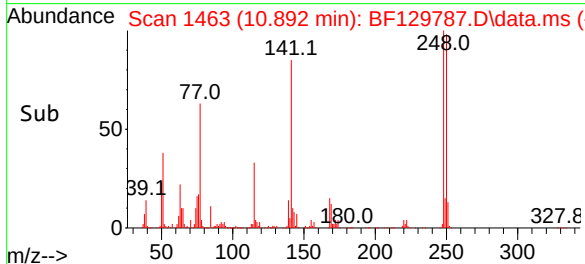
Instrument :
BNA_F
ClientSampleId :
S1MSD



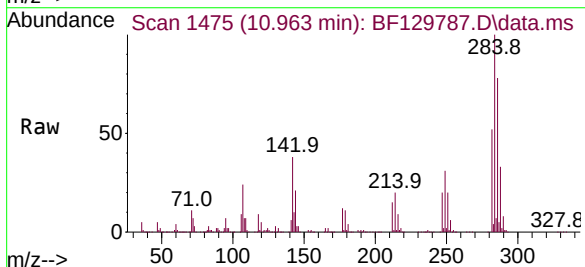
Tgt Ion:248 Resp: 306727
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.6
141 84.7 66.2 99.2

Manual Integrations
APPROVED

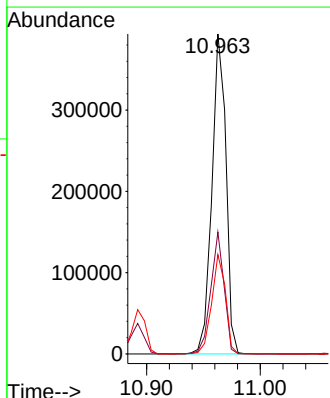
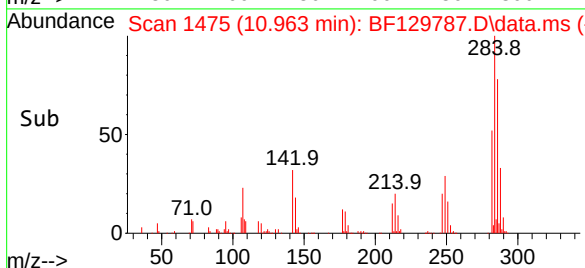
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

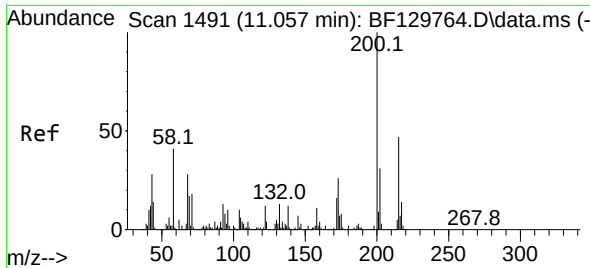


#68
Hexachlorobenzene
Concen: 43.102 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



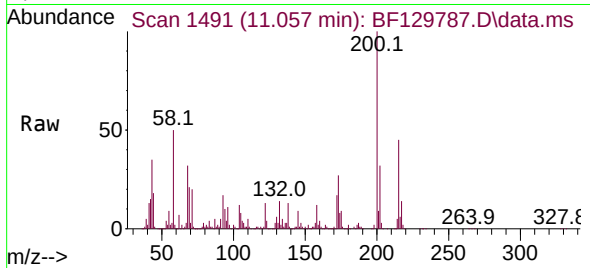
Tgt Ion:284 Resp: 338431
Ion Ratio Lower Upper
284 100
142 38.1 31.4 47.0
249 31.0 25.7 38.5





#69
Atrazine
Concen: 45.638 ng
RT: 11.057 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

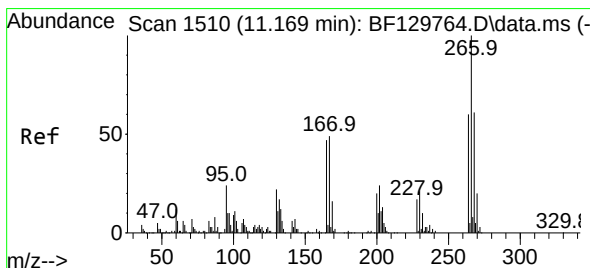
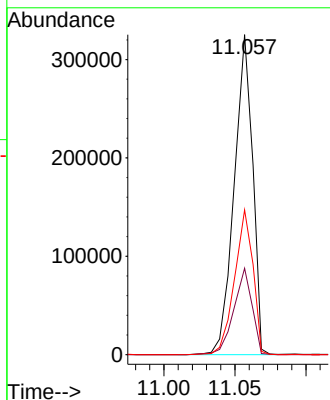
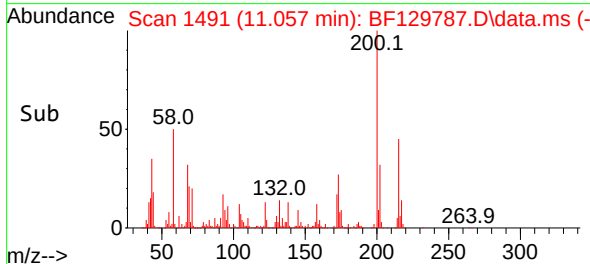
Instrument :
BNA_F
ClientSampleId :
S1MSD



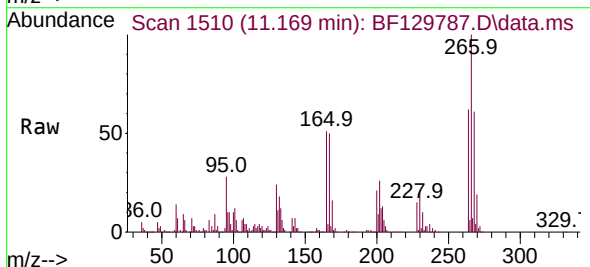
Tgt Ion:200 Resp: 292592
Ion Ratio Lower Upper
200 100
173 27.0 6.4 46.4
215 45.2 27.1 67.1

Manual Integrations
APPROVED

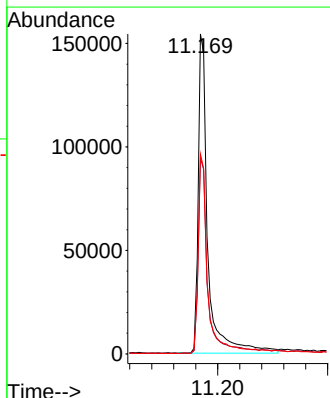
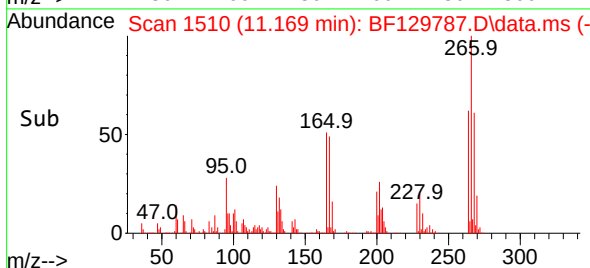
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

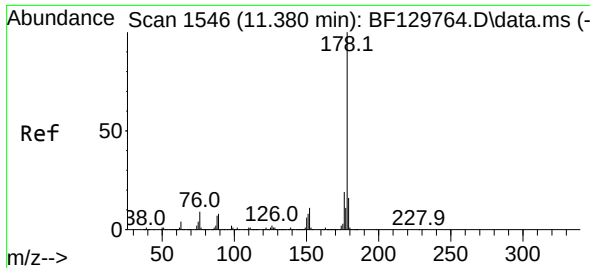


#70
Pentachlorophenol
Concen: 79.796 ng
RT: 11.169 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



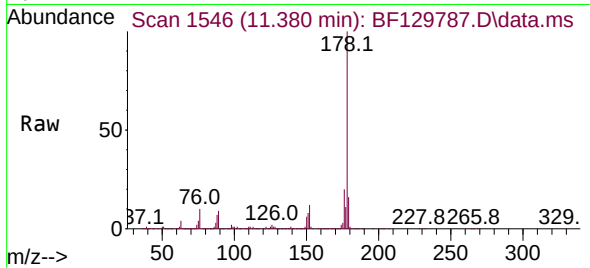
Tgt Ion:266 Resp: 187776
Ion Ratio Lower Upper
266 100
268 61.3 49.0 73.4
264 62.5 47.9 71.9





#71
Phenanthrene
Concen: 40.560 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

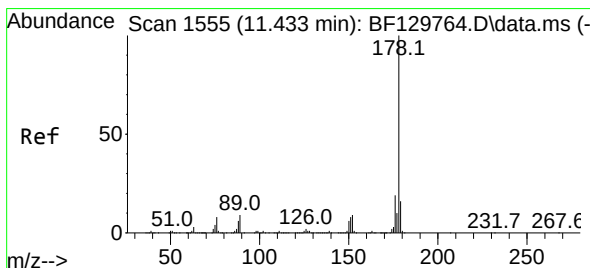
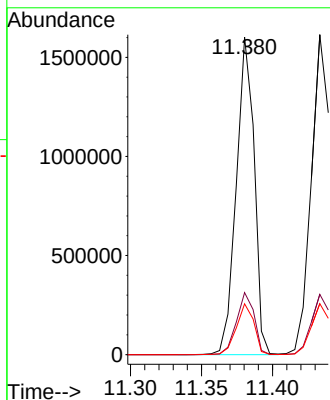
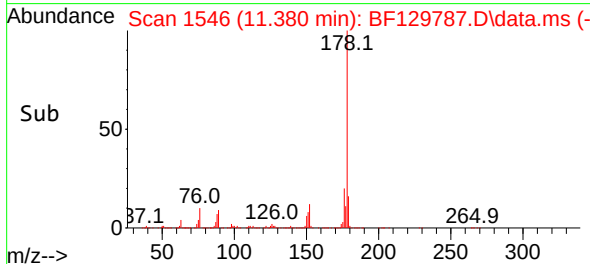
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:178 Resp: 1401894
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.0 12.5 18.7

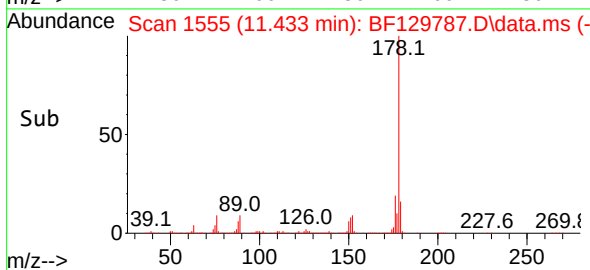
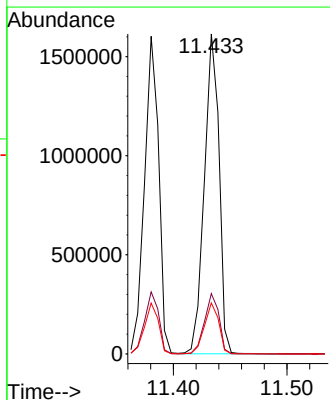
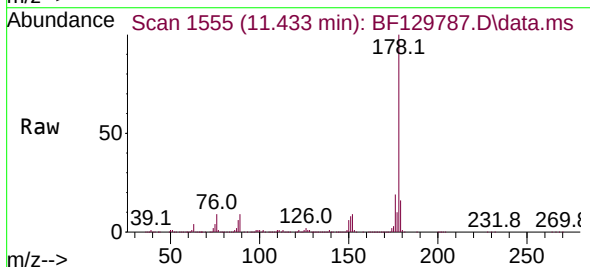
Manual Integrations
APPROVED

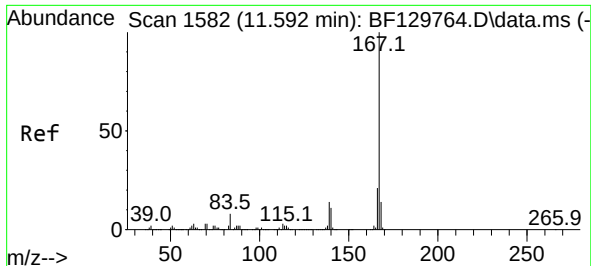
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#72
Anthracene
Concen: 42.451 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

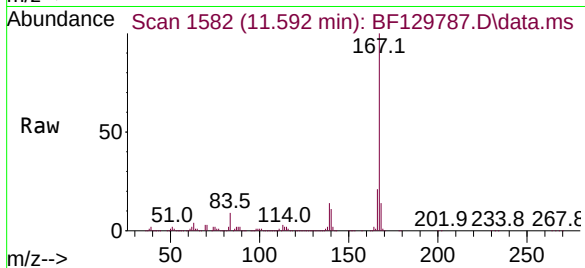
Tgt Ion:178 Resp: 1459133
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 41.655 ng
 RT: 11.592 min Scan# 1582
 Delta R.T. -0.000 min
 Lab File: BF129787.D
 Acq: 15 Aug 2022 18:38

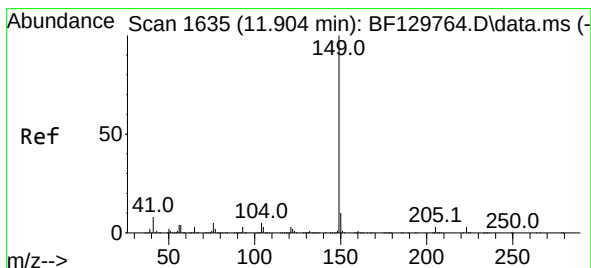
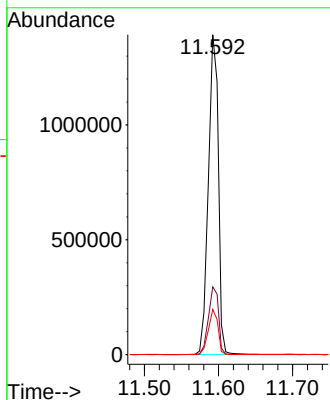
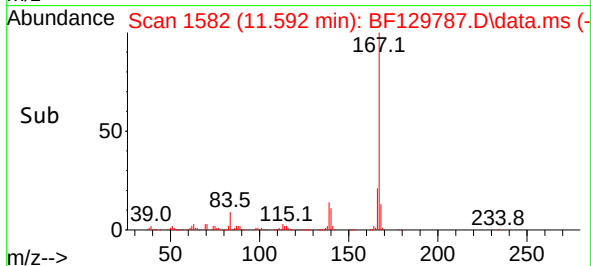
Instrument :
 BNA_F
 ClientSampleId :
 S1MSD



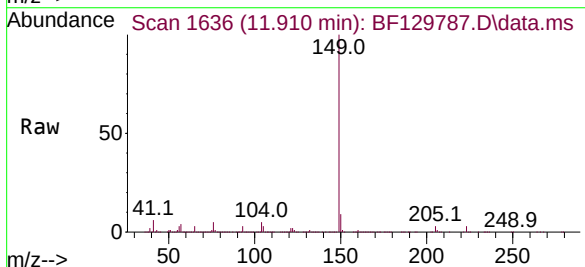
Tgt Ion:167 Resp: 1299702
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 14.1 11.0 16.6

Manual Integrations
 APPROVED

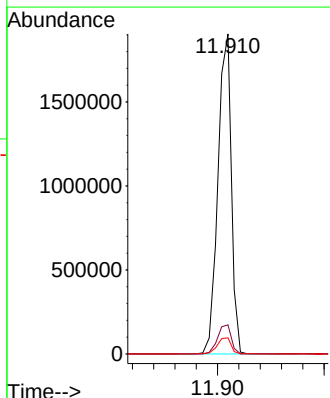
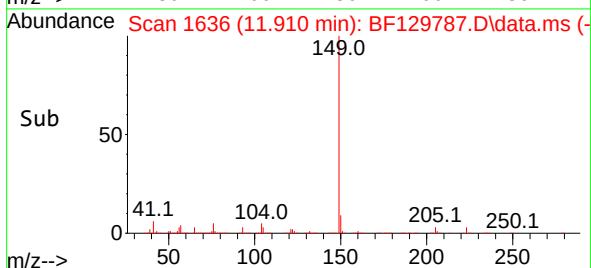
Reviewed By :Christian Giraldo 08/16/2022
 Supervised By :Jagrut Upadhyay 08/16/2022

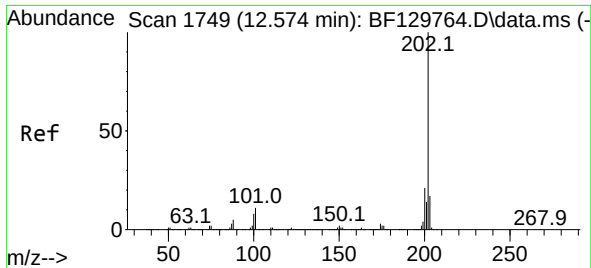


#74
 Di-n-butylphthalate
 Concen: 41.519 ng
 RT: 11.910 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: BF129787.D
 Acq: 15 Aug 2022 18:38



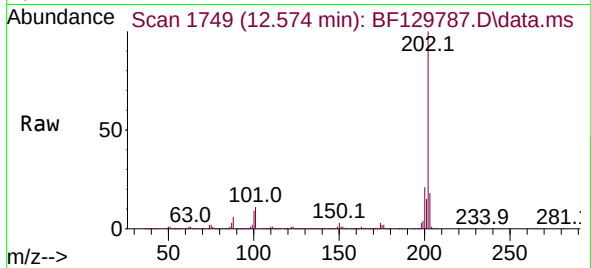
Tgt Ion:149 Resp: 1667260
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 39.530 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

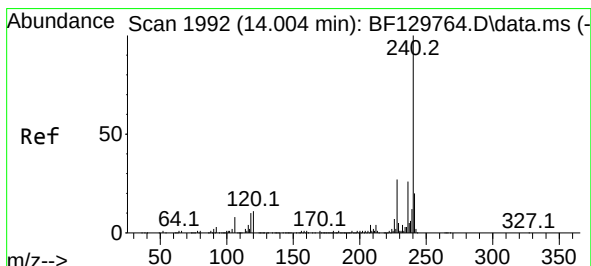
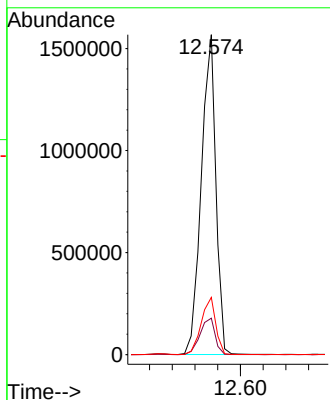
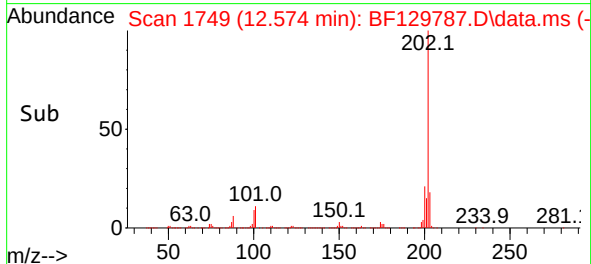
Instrument :
BNA_F
ClientSampleId :
S1MSD



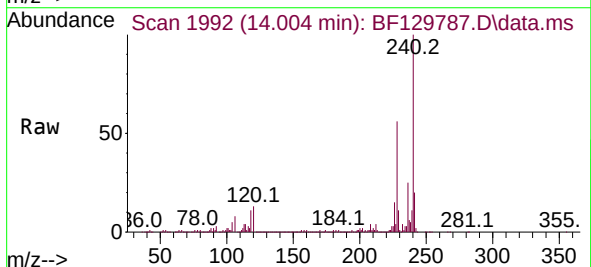
Tgt Ion:202 Resp: 1398124
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 17.9 0.0 37.5

Manual Integrations
APPROVED

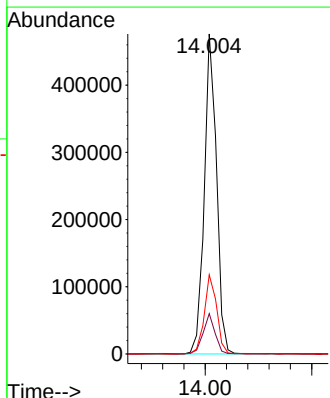
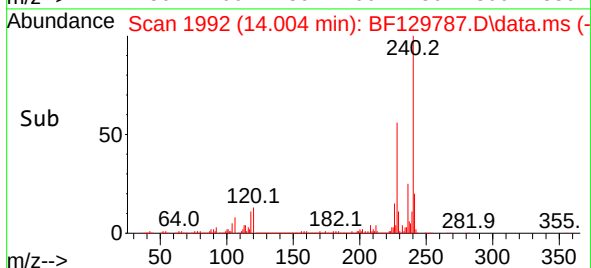
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

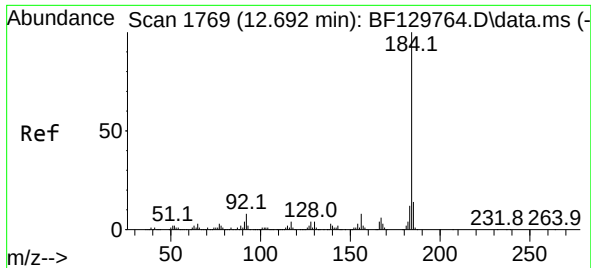


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



Tgt Ion:240 Resp: 377588
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 24.7 20.7 31.1





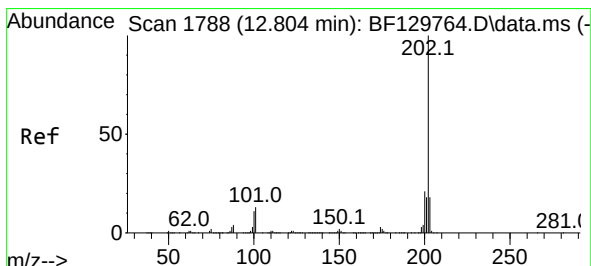
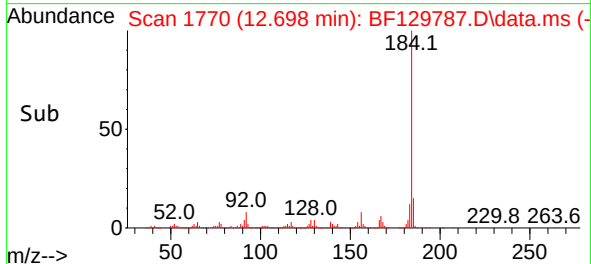
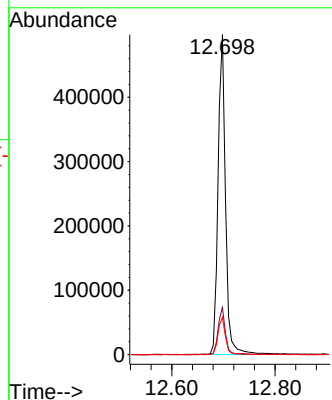
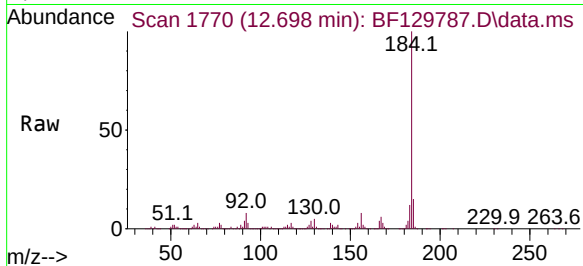
#77
Benzidine
Concen: 56.394 ng
RT: 12.698 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:184 Resp: 498796
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 11.6 9.4 14.2

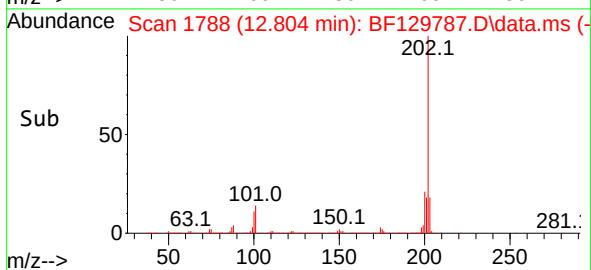
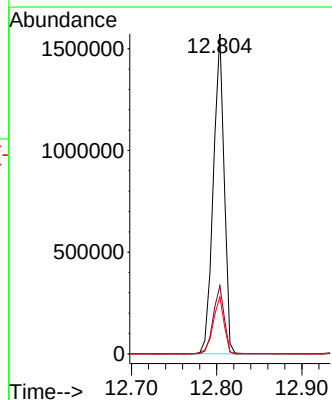
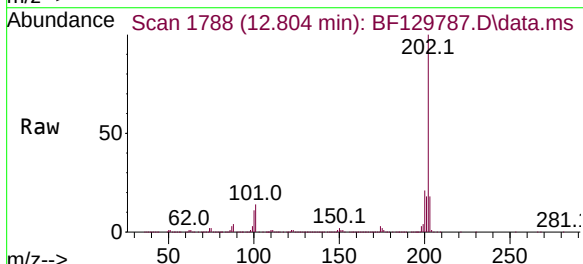
Manual Integrations
APPROVED

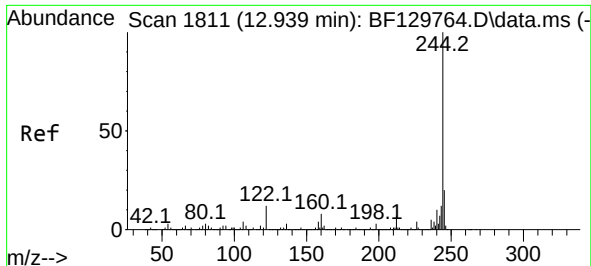
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#78
Pyrene
Concen: 42.301 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

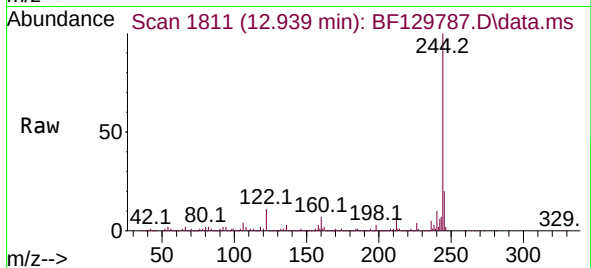
Tgt Ion:202 Resp: 1387977
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 63.233 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129787.D
 Acq: 15 Aug 2022 18:38

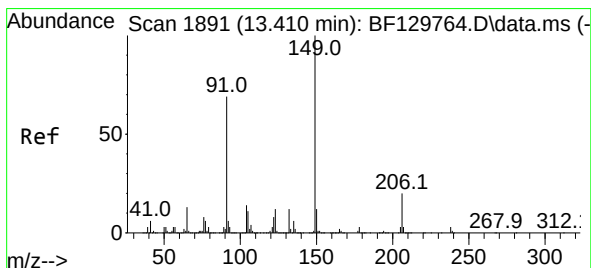
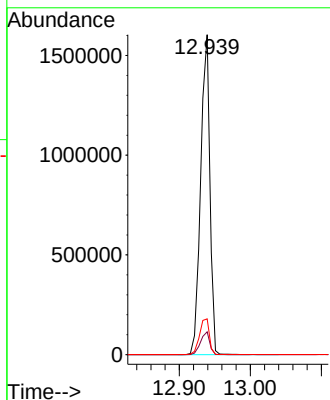
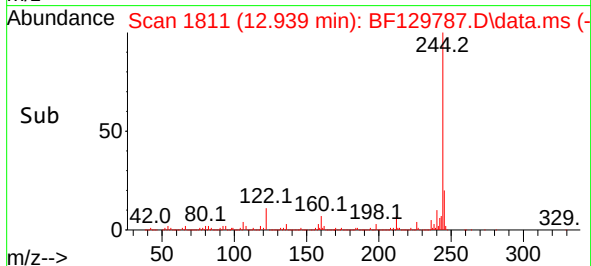
Instrument :
 BNA_F
 ClientSampleId :
 S1MSD



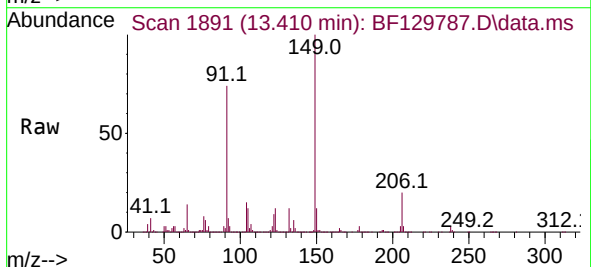
Tgt Ion:244 Resp: 1434909
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.2 9.9 14.9

Manual Integrations
 APPROVED

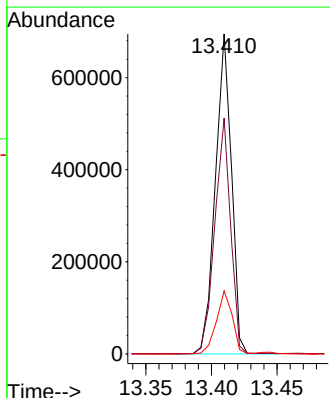
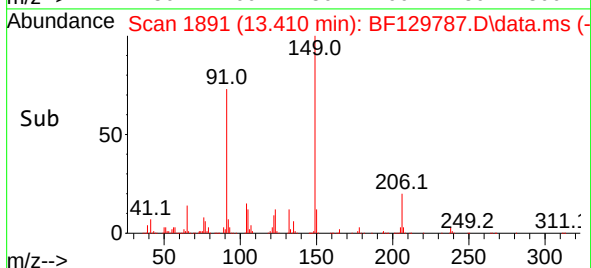
Reviewed By :Christian Giraldo 08/16/2022
 Supervised By :Jagrut Upadhyay 08/16/2022

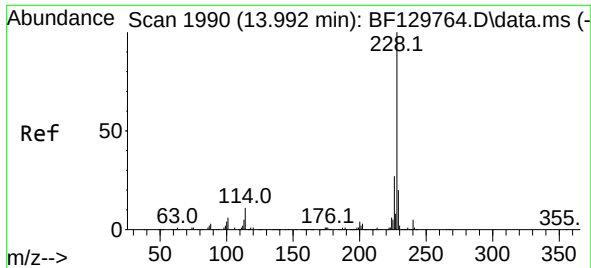


#80
 Butylbenzylphthalate
 Concen: 42.729 ng
 RT: 13.410 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: BF129787.D
 Acq: 15 Aug 2022 18:38



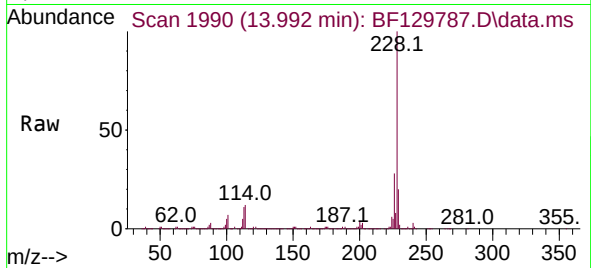
Tgt Ion:149 Resp: 593258
 Ion Ratio Lower Upper
 149 100
 91 73.7 55.4 83.0
 206 19.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 40.005 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

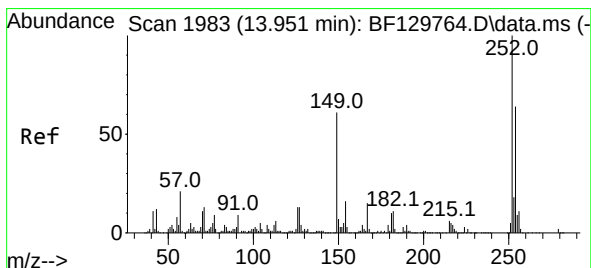
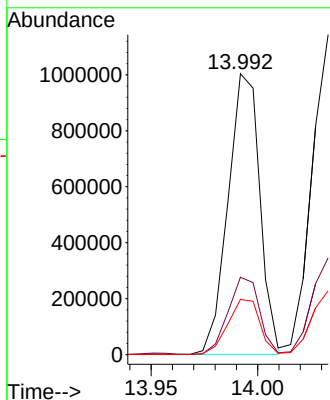
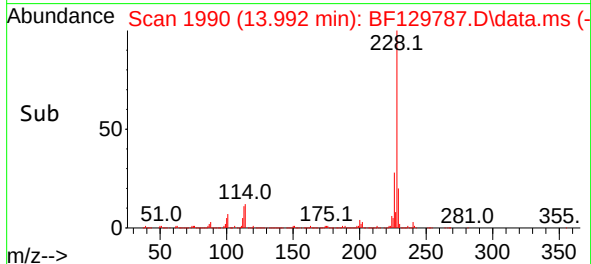
Instrument :
BNA_F
ClientSampleId :
S1MSD



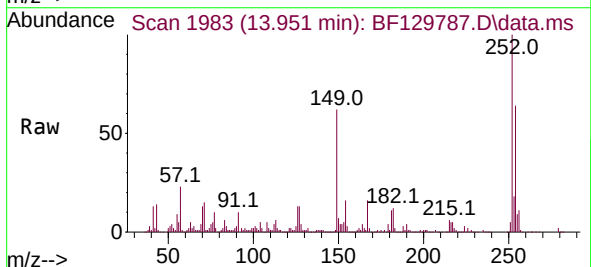
Tgt Ion:228 Resp: 1039114
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.6 16.1 24.1

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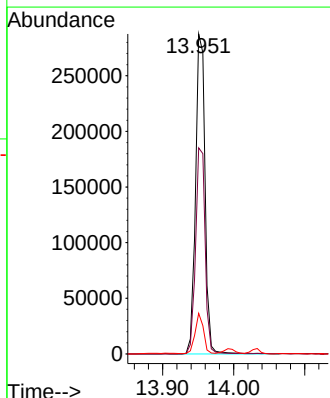
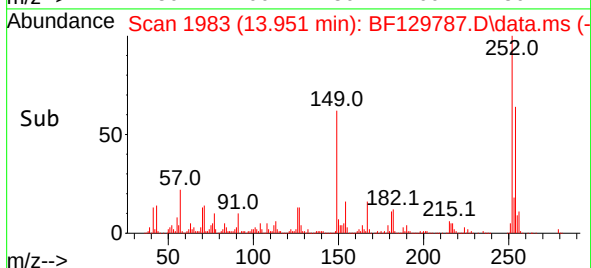
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

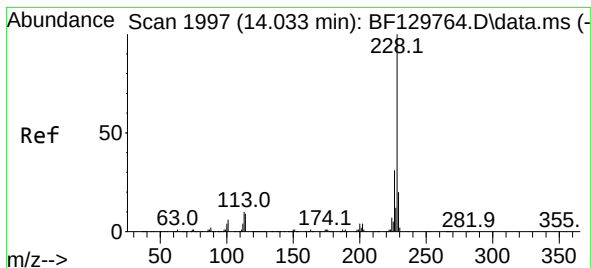


#82
3,3'-Dichlorobenzidine
Concen: 33.119 ng
RT: 13.951 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



Tgt Ion:252 Resp: 266428
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 12.7 10.2 15.4





#83

Chrysene

Concen: 40.118 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:228 Resp: 975436

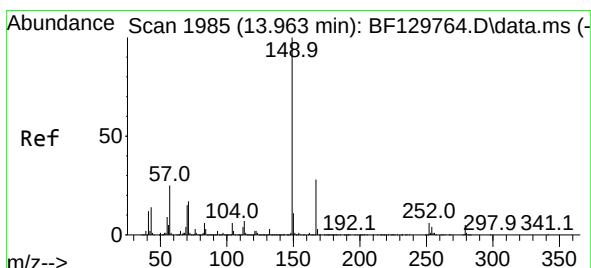
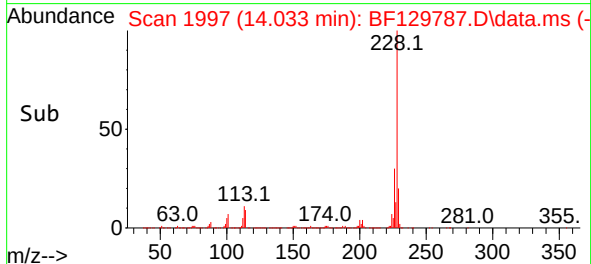
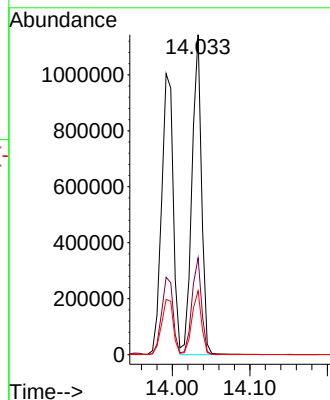
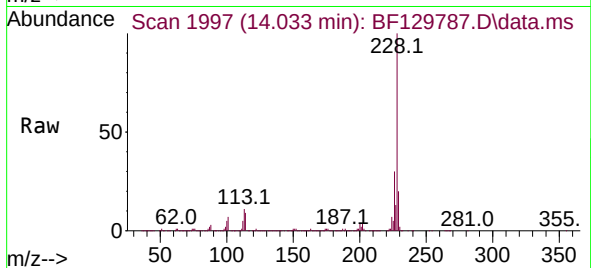
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.9	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.453 ng

RT: 13.963 min Scan# 1985

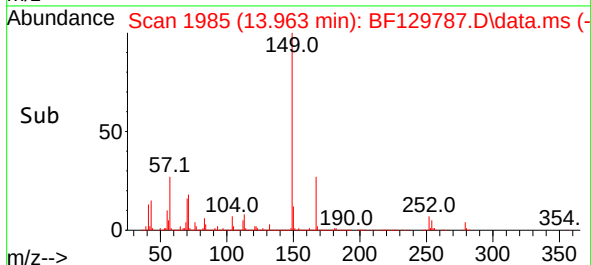
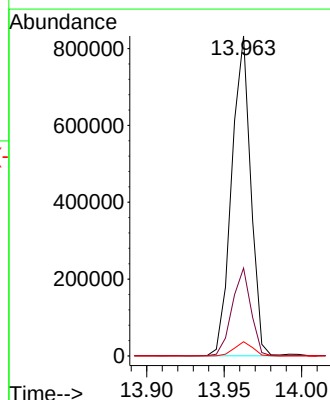
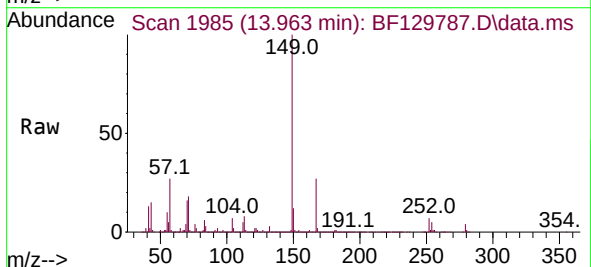
Delta R.T. -0.000 min

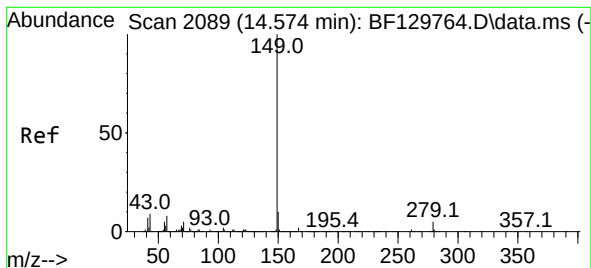
Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

Tgt Ion:149 Resp: 715770

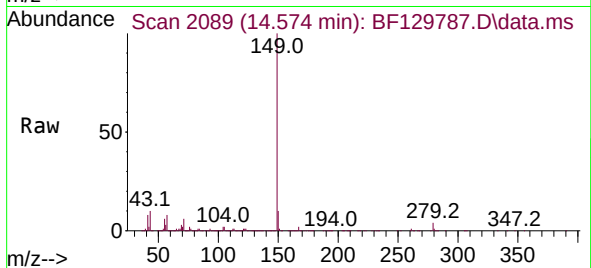
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	4.4	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 45.059 ng
RT: 14.574 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

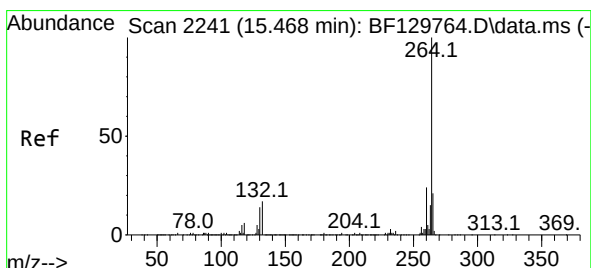
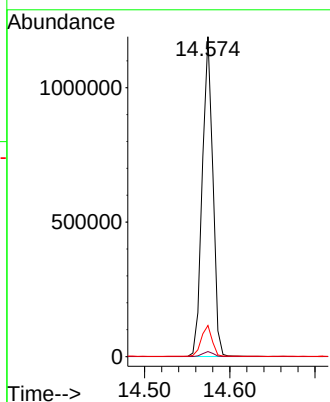
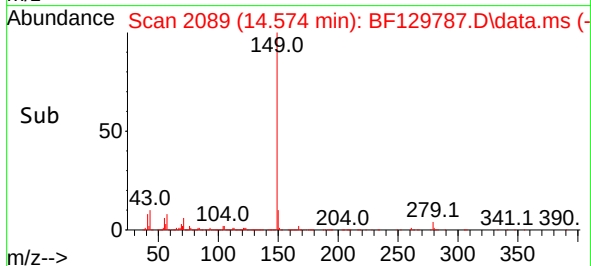
Instrument :
BNA_F
ClientSampleId :
S1MSD



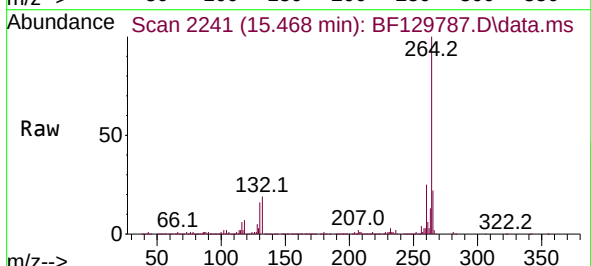
Tgt Ion:149 Resp: 1024601
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.8 11.6

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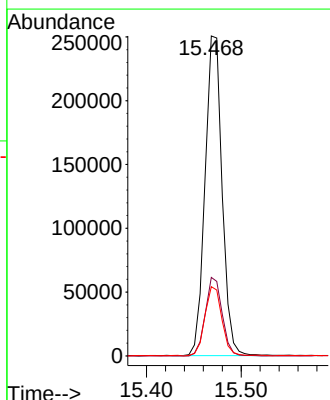
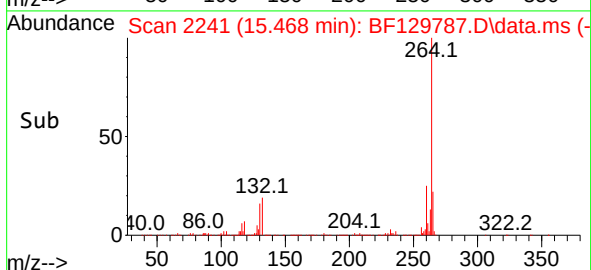
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

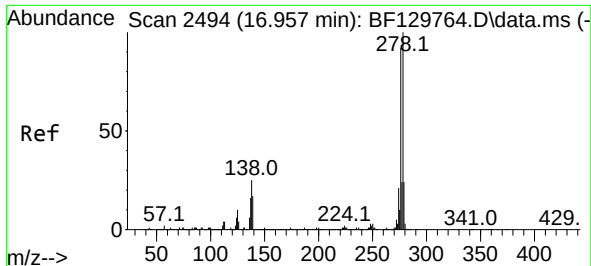


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



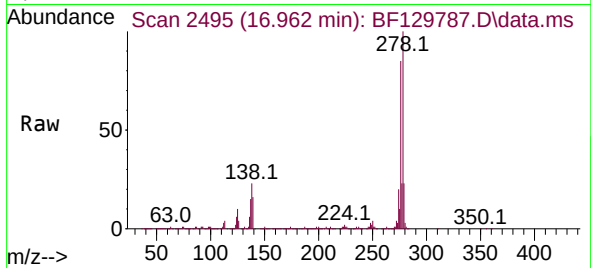
Tgt Ion:264 Resp: 314712
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 21.6 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.636 ng
RT: 16.962 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

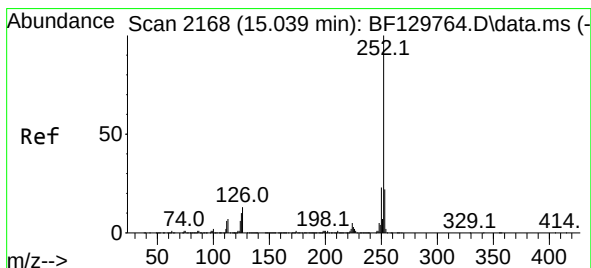
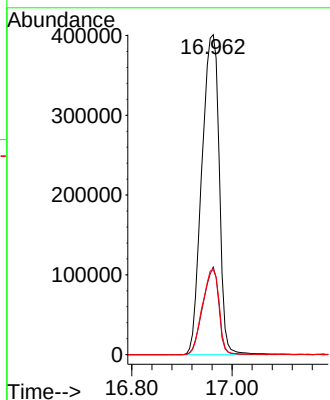
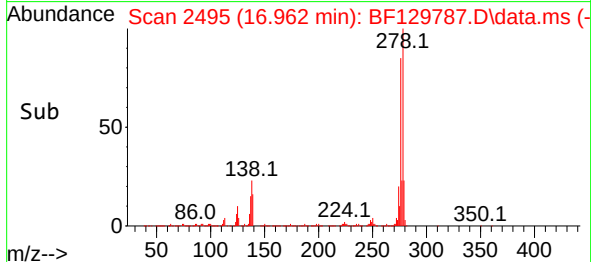
Instrument :
BNA_F
ClientSampleId :
S1MSD



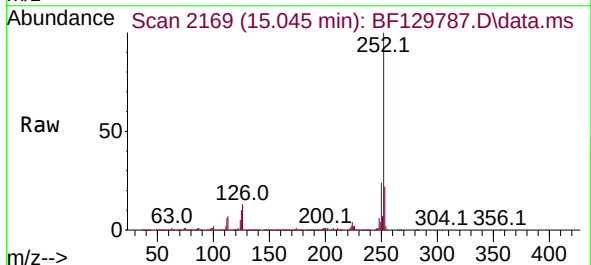
Tgt Ion: 276 Resp: 964372
Ion Ratio Lower Upper
276 100
138 25.1 19.8 29.8
277 25.7 20.4 30.6

Manual Integrations
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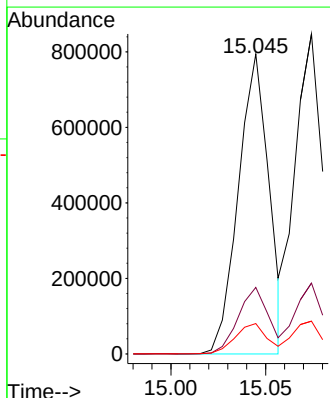
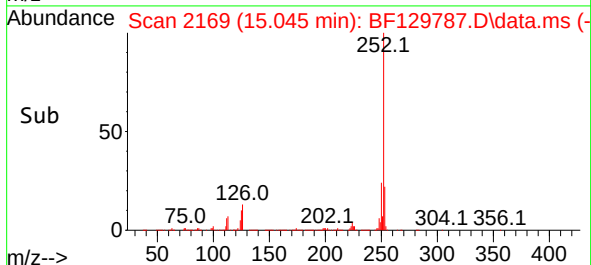
Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022

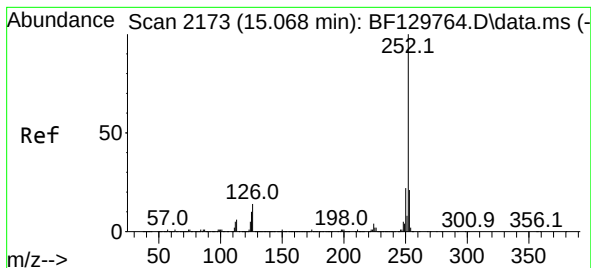


#88
Benzo(b)fluoranthene
Concen: 41.352 ng
RT: 15.045 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38



Tgt Ion: 252 Resp: 891128
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.1 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 41.678 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:252 Resp: 86133

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

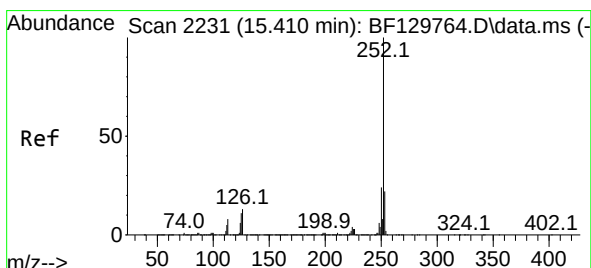
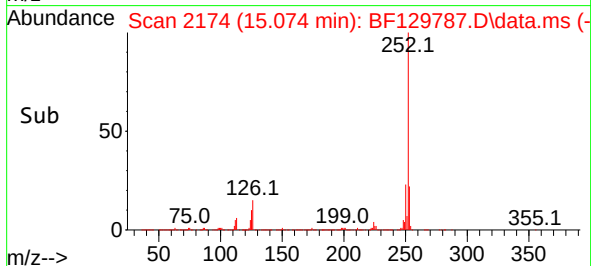
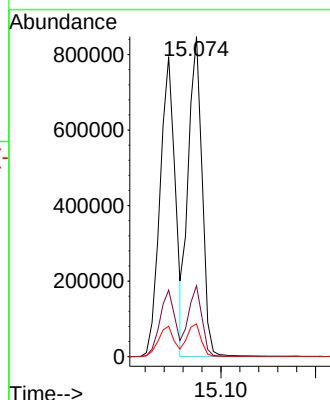
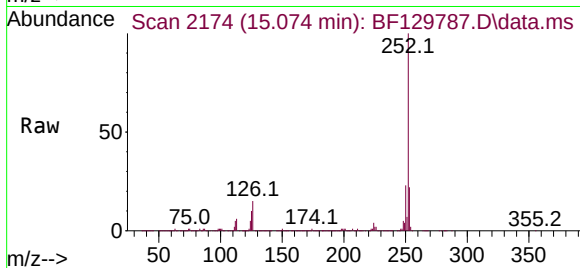
125 10.2 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#90

Benzo(a)pyrene

Concen: 44.552 ng

RT: 15.409 min Scan# 2231

Delta R.T. -0.000 min

Lab File: BF129787.D

Acq: 15 Aug 2022 18:38

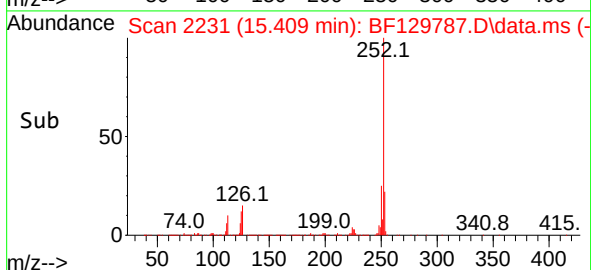
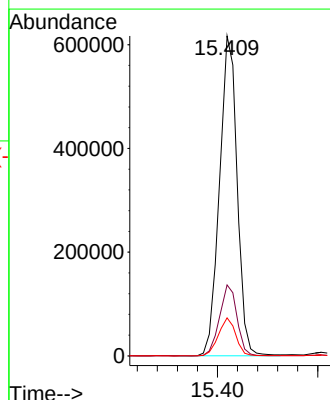
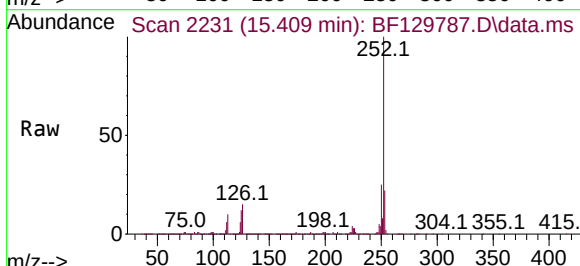
Tgt Ion:252 Resp: 756079

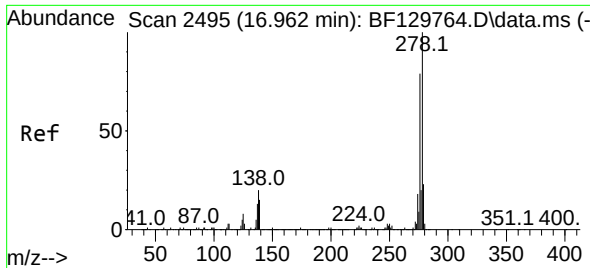
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

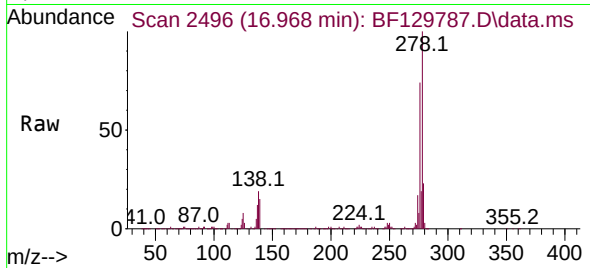
125 11.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 47.265 ng
RT: 16.968 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

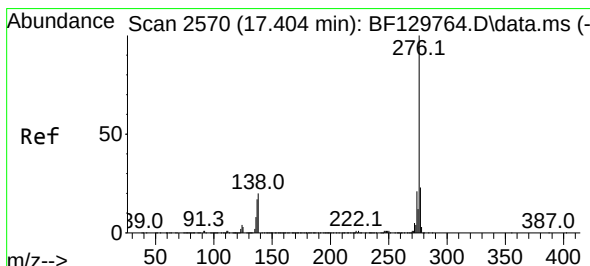
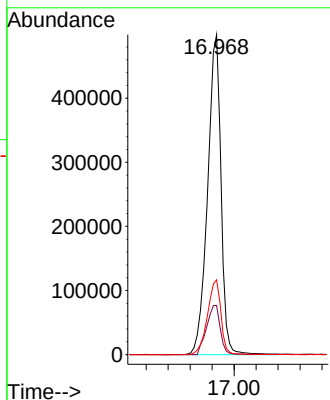
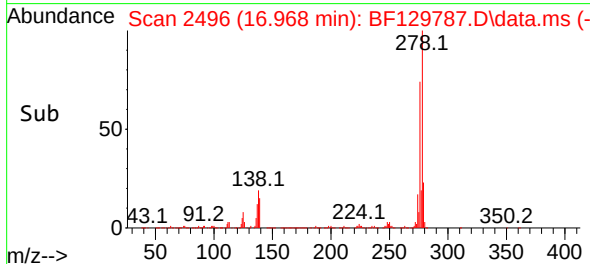
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 278 Resp: 842596
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.4 18.7 28.1

Manual Integrations
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Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022



#92
Benzo(g,h,i)perylene
Concen: 47.832 ng
RT: 17.409 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BF129787.D
Acq: 15 Aug 2022 18:38

Tgt Ion: 276 Resp: 850696
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.4
138 20.7 15.8 23.8

