

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128546.D
 Acq On : 28 May 2022 14:04
 Operator : CG\JU
 Sample : N2931-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01MSD

Quant Time: May 28 22:42:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	197751	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	759912	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	418932	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	753946	20.000	ng	0.00
76) Chrysene-d12	14.010	240	431862	20.000	ng	0.00
86) Perylene-d12	15.474	264	387091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1076536	90.173	ng	0.01
7) Phenol-d6	6.469	99	1434438	94.234	ng	0.00
23) Nitrobenzene-d5	7.404	82	996815	75.672	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	355967	89.270	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1787765	69.331	ng	0.00
79) Terphenyl-d14	12.957	244	1788734	80.020	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	222828	41.858	ng	99
3) Pyridine	3.446	79	570050	41.361	ng	98
4) n-Nitrosodimethylamine	3.404	42	353938	49.007	ng	# 94
6) Aniline	6.504	93	730073	41.101	ng	99
8) 2-Chlorophenol	6.622	128	622756	50.307	ng	96
9) Benzaldehyde	6.392	77	399807	74.819	ng	97
10) Phenol	6.481	94	733817m	48.649	ng	
11) bis(2-Chloroethyl)ether	6.581	93	577677	46.784	ng	98
12) 1,3-Dichlorobenzene	6.781	146	653957	46.496	ng	99
13) 1,4-Dichlorobenzene	6.857	146	656868	46.174	ng	99
14) 1,2-Dichlorobenzene	7.010	146	638489	48.764	ng	99
15) Benzyl Alcohol	6.981	79	568494	48.967	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1011729	46.297	ng	97
17) 2-Methylphenol	7.092	107	507335	48.152	ng	98
18) Hexachloroethane	7.351	117	246632	49.148	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	432043	46.291	ng	98
20) 3+4-Methylphenols	7.245	107	580761	45.627	ng	# 89
22) Acetophenone	7.251	105	801902	45.765	ng	# 91
24) Nitrobenzene	7.422	77	673091	51.685	ng	100
25) Isophorone	7.663	82	1252946	51.561	ng	98
26) 2-Nitrophenol	7.739	139	321035	58.982	ng	98
27) 2,4-Dimethylphenol	7.775	122	592359	54.753	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	731642	46.392	ng	100
29) 2,4-Dichlorophenol	7.981	162	529255	47.270	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	562836	46.409	ng	99
31) Naphthalene	8.145	128	1734346	46.631	ng	100
32) Benzoic acid	7.898	122	430224	56.255	ng	98
33) 4-Chloroaniline	8.192	127	362718	24.493	ng	98
34) Hexachlorobutadiene	8.263	225	358664	46.839	ng	98
35) Caprolactam	8.580	113	166039m	48.092	ng	
36) 4-Chloro-3-methylphenol	8.675	107	565177	49.137	ng	100
37) 2-Methylnaphthalene	8.833	142	1111743	47.356	ng	100
38) 1-Methylnaphthalene	8.933	142	1072580	46.975	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	516284	44.879	ng	99
41) Hexachlorocyclopentadiene	8.992	237	714133	110.433	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	397764	46.887	ng	99

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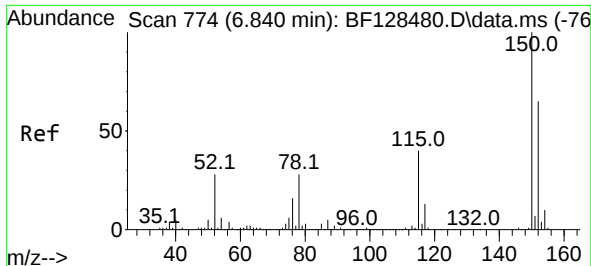
Manual Integrations
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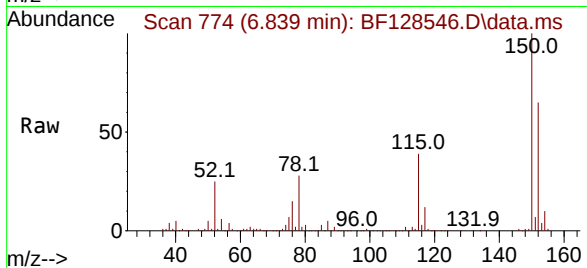
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	407295	46.596	ng	# 93
46) 1,1'-Biphenyl	9.304	154	1379949	46.911	ng	99
47) 2-Chloronaphthalene	9.327	162	1069116	46.298	ng	100
48) 2-Nitroaniline	9.422	65	376514	58.635	ng	98
49) Acenaphthylene	9.745	152	1739324	49.030	ng	100
50) Dimethylphthalate	9.610	163	1303068	47.952	ng	99
51) 2,6-Dinitrotoluene	9.669	165	289354	58.100	ng	93
52) Acenaphthene	9.916	154	1141797m	52.167	ng	
53) 3-Nitroaniline	9.833	138	195812	34.045	ng	89
54) 2,4-Dinitrophenol	9.939	184	260982	101.327	ng	97
55) Dibenzofuran	10.092	168	1477036	45.484	ng	97
56) 4-Nitrophenol	9.998	139	481908	103.255	ng	# 81
57) 2,4-Dinitrotoluene	10.074	165	381488	64.026	ng	97
58) Fluorene	10.433	166	1081822	46.275	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	324703	45.838	ng	98
60) Diethylphthalate	10.310	149	1254984	47.542	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	543938	45.858	ng	92
62) 4-Nitroaniline	10.457	138	291725	52.976	ng	98
63) Azobenzene	10.586	77	1242798	46.245	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	170128	48.734	ng	84
66) n-Nitrosodiphenylamine	10.545	169	1045483	46.317	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	363219	46.629	ng	99
68) Hexachlorobenzene	10.974	284	409241	47.574	ng	100
69) Atrazine	11.074	200	348219	49.706	ng	97
70) Pentachlorophenol	11.169	266	438434	83.638	ng	99
71) Phenanthrene	11.392	178	1630432	45.651	ng	100
72) Anthracene	11.445	178	1668665	46.774	ng	100
73) Carbazole	11.598	167	1493872	43.694	ng	99
74) Di-n-butylphthalate	11.933	149	1860926	46.245	ng	100
75) Fluoranthene	12.580	202	1678492	43.958	ng	99
77) Benzidine	12.704	184	857767	86.111	ng	99
78) Pyrene	12.810	202	1668457	51.283	ng	100
80) Butylbenzylphthalate	13.433	149	711567	51.852	ng	98
81) Benzo(a)anthracene	13.998	228	1179216	45.940	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	377613	57.451	ng	97
83) Chrysene	14.039	228	1217801	46.326	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	854932	51.509	ng	99
85) Di-n-octyl phthalate	14.609	149	1455301	49.811	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1180244	51.695	ng	98
88) Benzo(b)fluoranthene	15.045	252	1199789	49.825	ng	99
89) Benzo(k)fluoranthene	15.080	252	1045312	46.853	ng	98
90) Benzo(a)pyrene	15.409	252	1066645	55.211	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	1038513	54.861	ng	99
92) Benzo(g,h,i)perylene	17.380	276	1052854	56.074	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

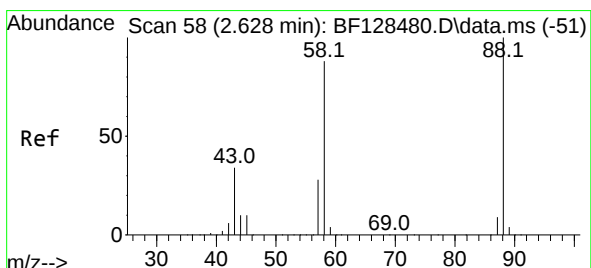
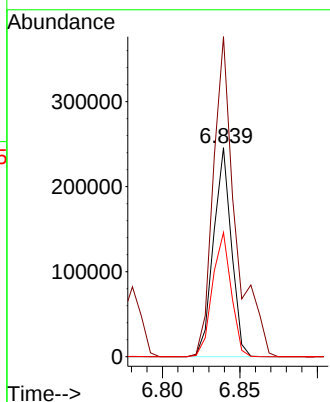
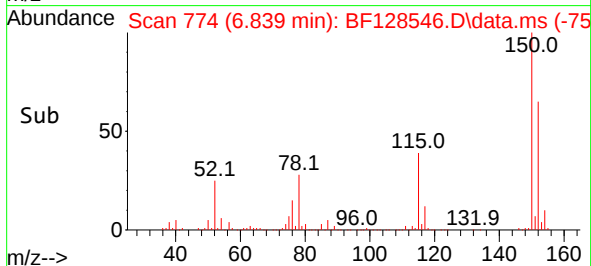
Instrument :
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ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:152 Resp: 19775
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 59.4 49.9 74.9

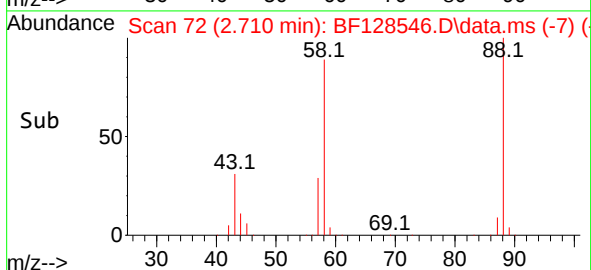
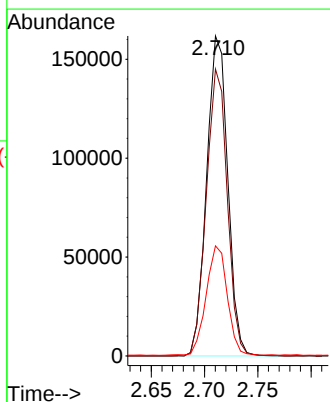
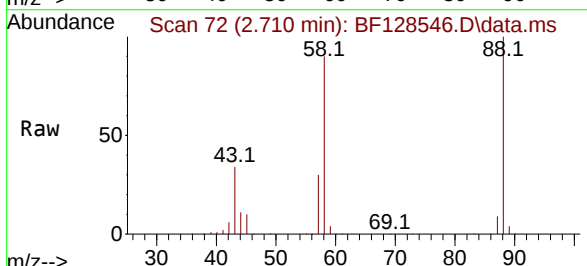
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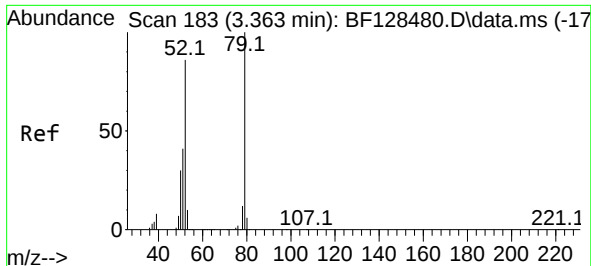
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#2
1,4-Dioxane
Concen: 41.858 ng
RT: 2.710 min Scan# 72
Delta R.T. 0.082 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

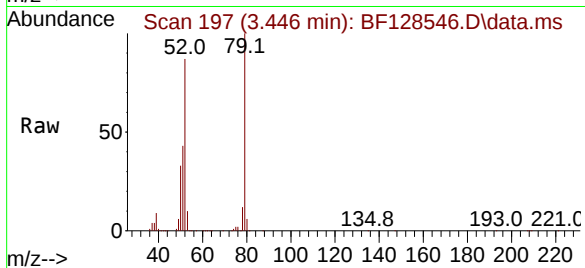
Tgt Ion: 88 Resp: 222828
Ion Ratio Lower Upper
88 100
58 89.3 71.8 107.8
43 34.2 26.6 39.8





#3
Pyridine
Concen: 41.361 ng
RT: 3.446 min Scan# 190
Delta R.T. 0.082 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

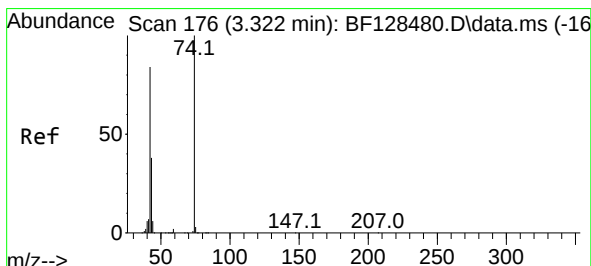
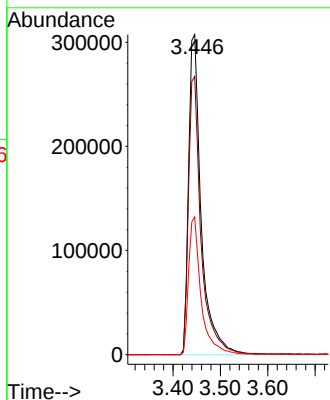
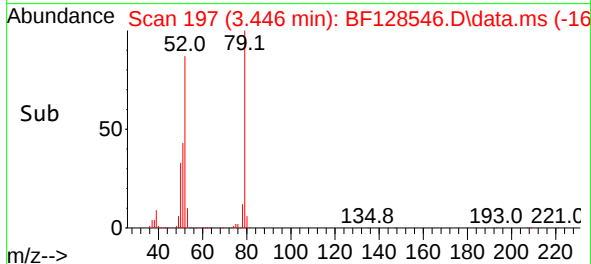
Instrument :
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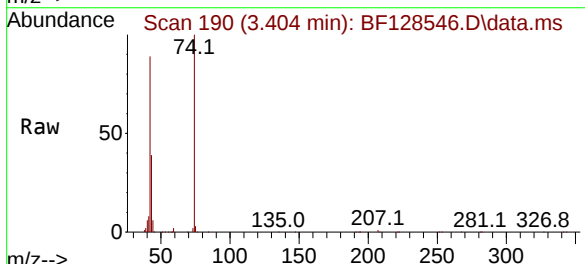
Tgt Ion: 79 Resp: 57050
Ion Ratio Lower Upper
79 100
52 86.9 68.6 102.8
51 43.0 32.9 49.3

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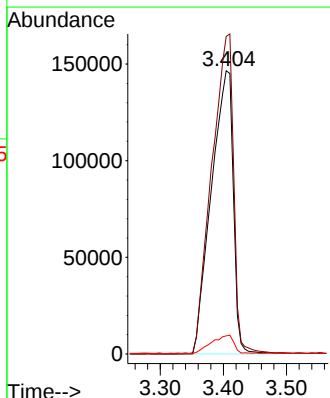
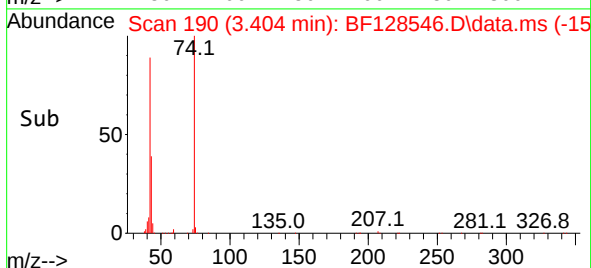
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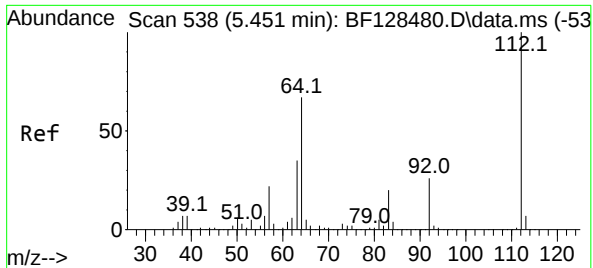


#4
n-Nitrosodimethylamine
Concen: 49.007 ng
RT: 3.404 min Scan# 190
Delta R.T. 0.082 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



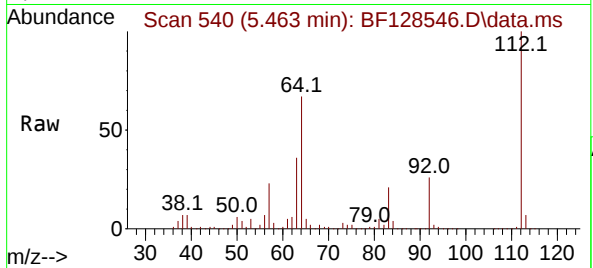
Tgt Ion: 42 Resp: 353938
Ion Ratio Lower Upper
42 100
74 112.1 94.8 142.2
44 6.4 6.6 10.0





#5
2-Fluorophenol
Concen: 90.173 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

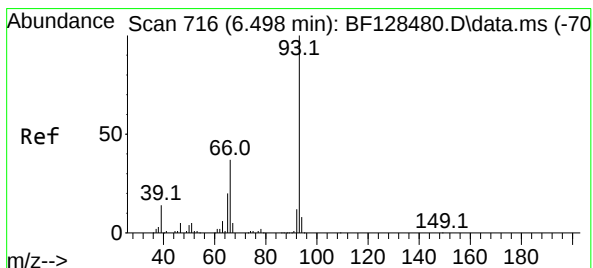
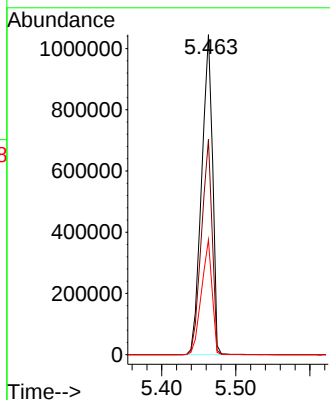
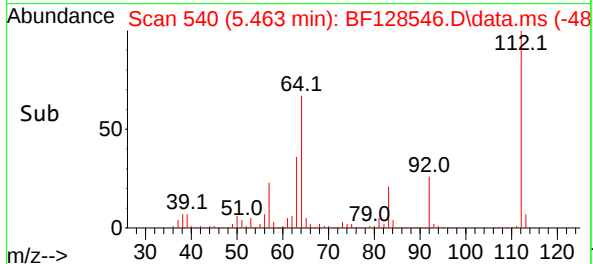
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ClientSampleId :
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Tgt Ion:112 Resp: 1076530
Ion Ratio Lower Upper
112 100
64 67.2 53.3 79.9
63 35.9 28.0 42.0

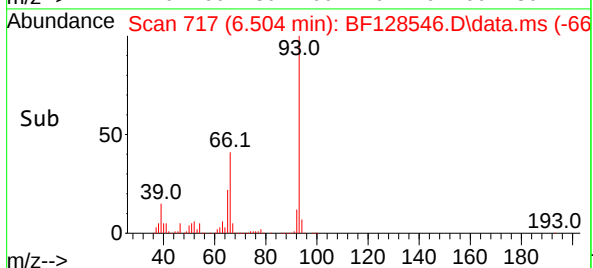
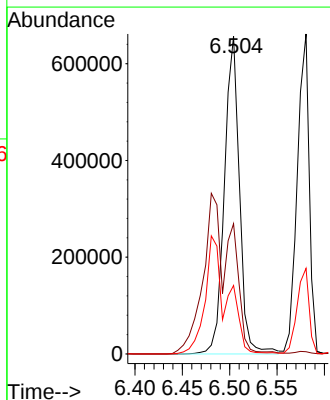
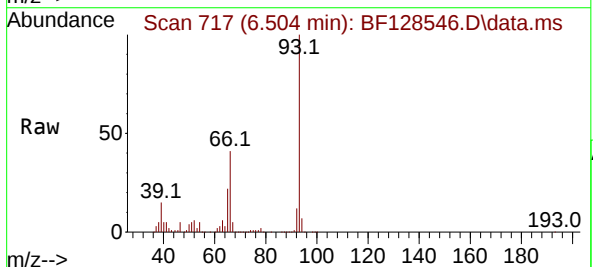
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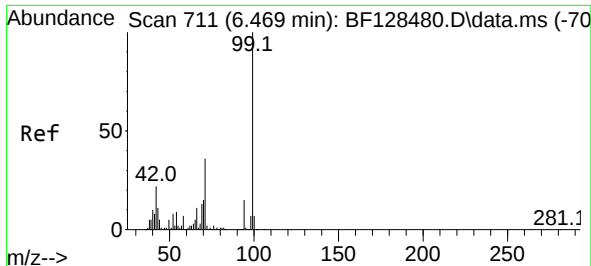
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#6
Aniline
Concen: 41.101 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

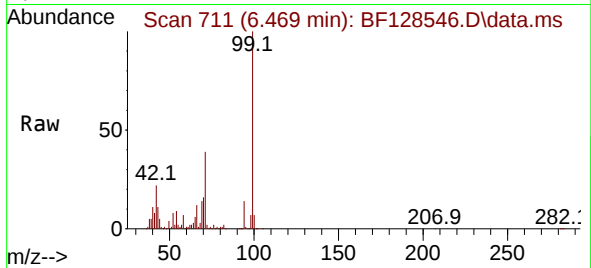
Tgt Ion: 93 Resp: 730073
Ion Ratio Lower Upper
93 100
66 41.0 32.5 48.7
65 21.6 16.4 24.6





#7
Phenol-d6
Concen: 94.234 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

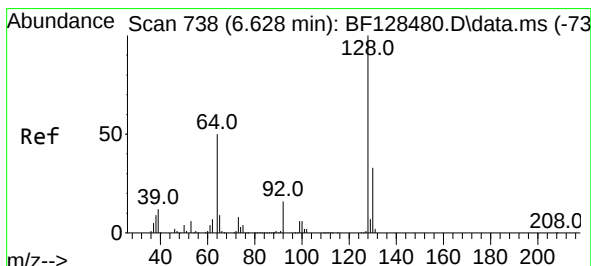
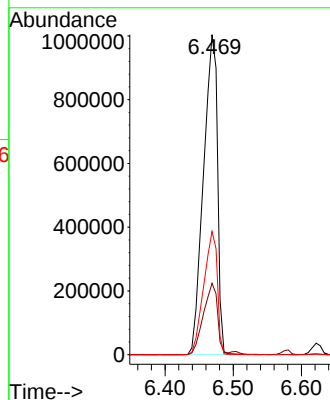
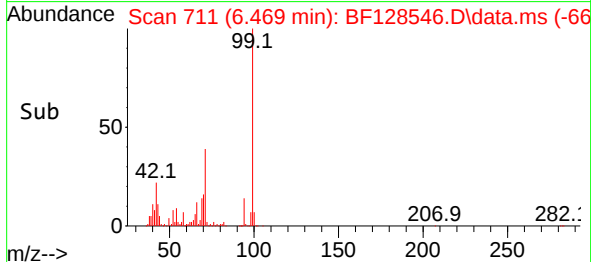
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BNA_F
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Tgt Ion: 99 Resp: 1434438
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 38.5 28.9 43.3

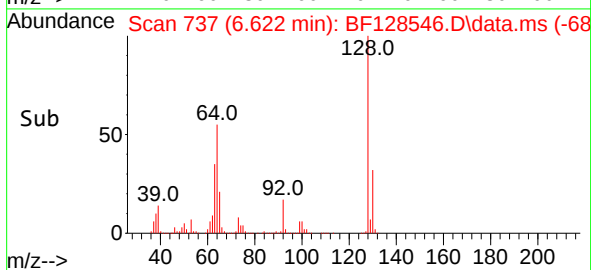
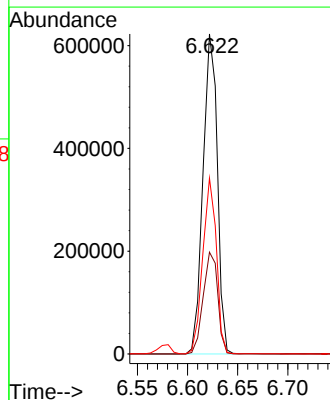
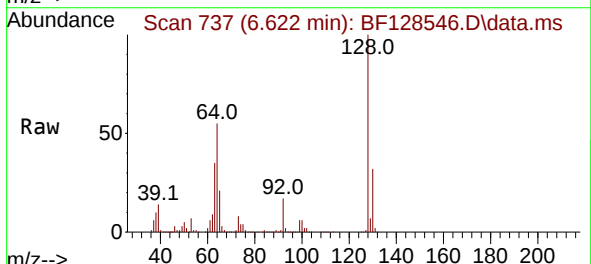
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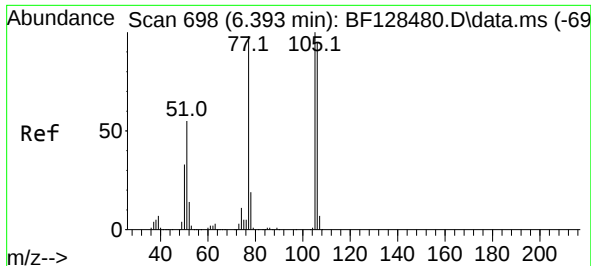
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#8
2-Chlorophenol
Concen: 50.307 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

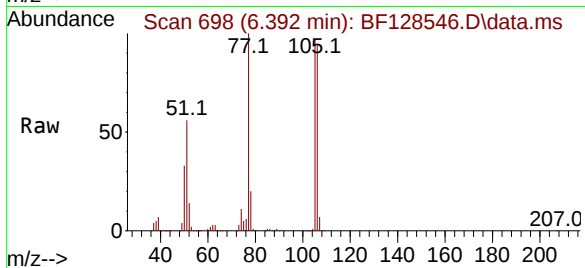
Tgt Ion:128 Resp: 622756
Ion Ratio Lower Upper
128 100
130 31.8 13.1 53.1
64 54.9 30.9 70.9





#9
Benzaldehyde
Concen: 74.819 ng
RT: 6.392 min Scan# 698
Delta R.T. -0.001 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

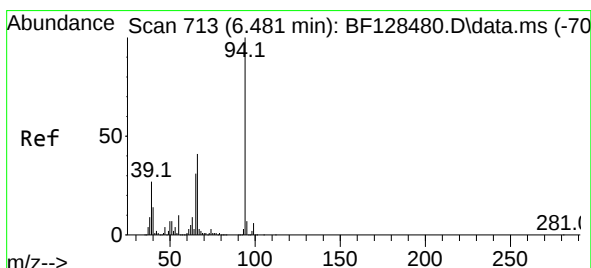
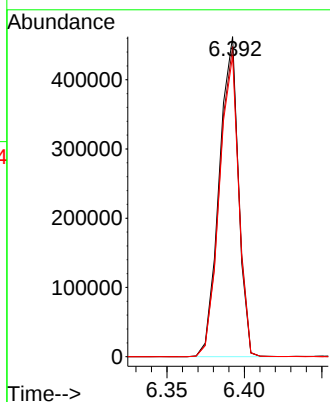
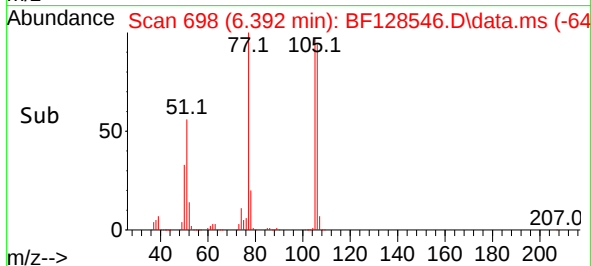
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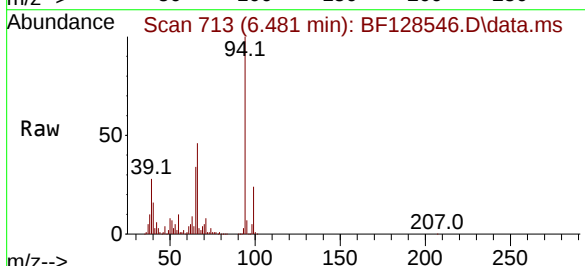
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Ion Ratio Lower Upper
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105 96.9 81.6 121.6
106 94.0 76.1 116.1

Manual Integrations
APPROVED

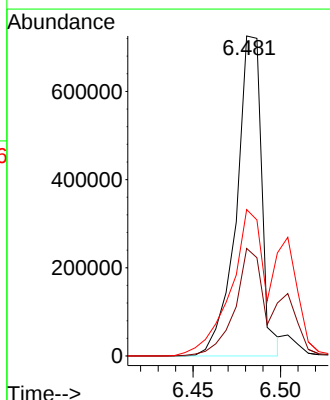
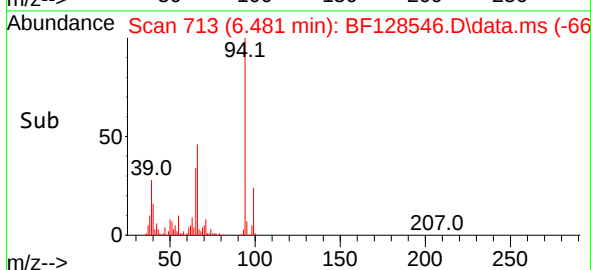
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

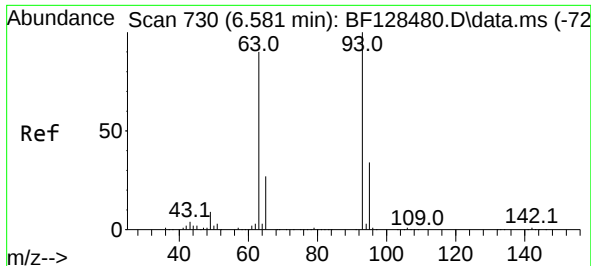


#10
Phenol
Concen: 48.649 ng m
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



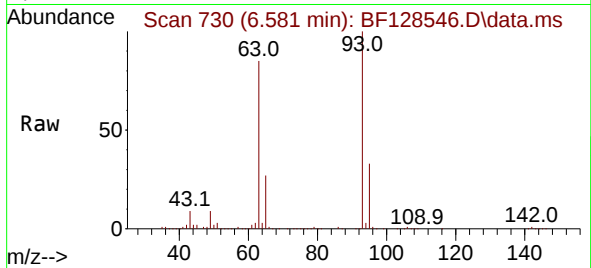
Tgt Ion: 94 Resp: 733817
Ion Ratio Lower Upper
94 100
65 33.6 11.4 51.4
66 45.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 46.784 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

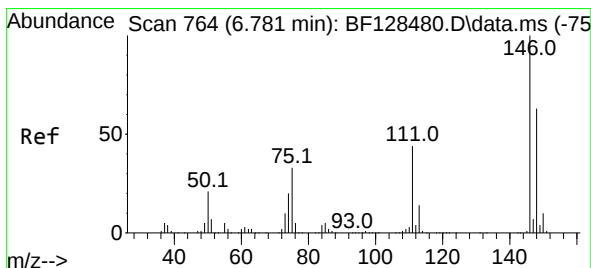
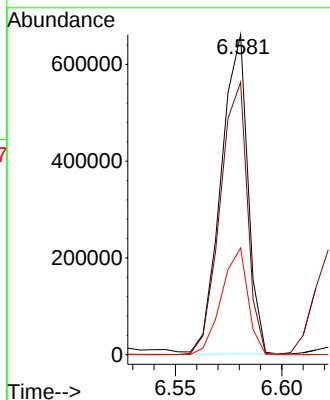
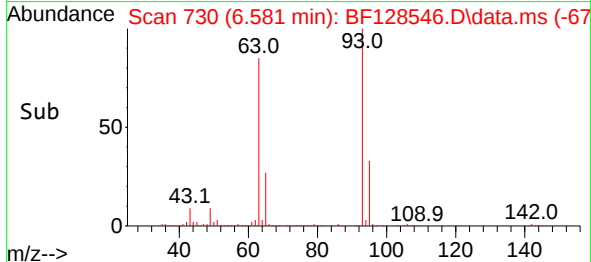
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



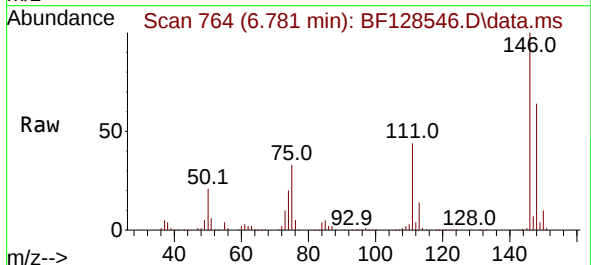
Tgt Ion: 93 Resp: 57767
Ion Ratio Lower Upper
93 100
63 85.2 67.4 107.4
95 33.4 12.7 52.7

Manual Integrations
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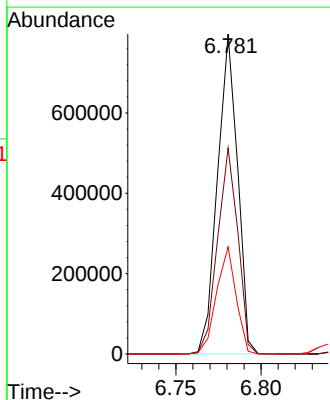
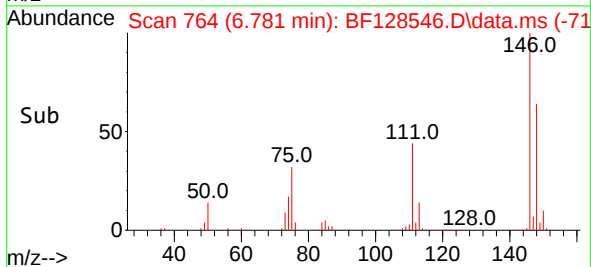
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

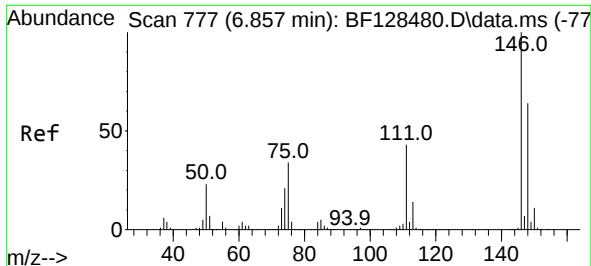


#12
1,3-Dichlorobenzene
Concen: 46.496 ng
RT: 6.781 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



Tgt Ion:146 Resp: 653957
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
75 33.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 46.174 ng

RT: 6.857 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

P009-SS003-2430-01MSD

Tgt Ion:146 Resp: 65686

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

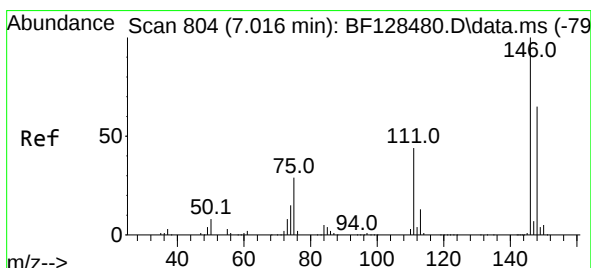
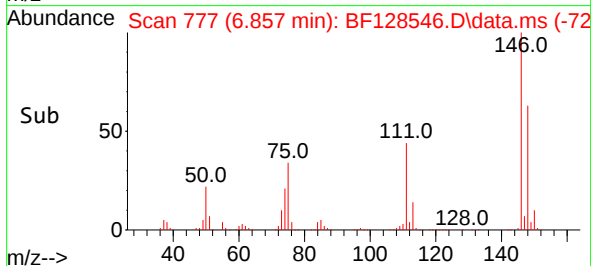
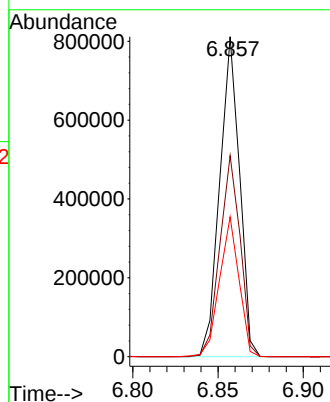
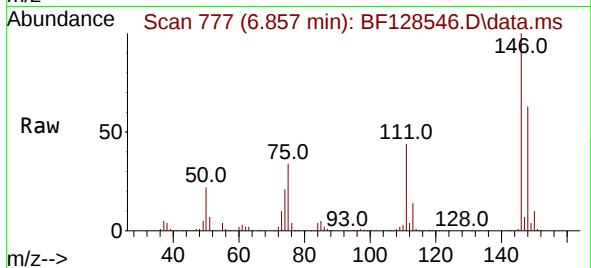
111 43.7 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#14

1,2-Dichlorobenzene

Concen: 48.764 ng

RT: 7.010 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

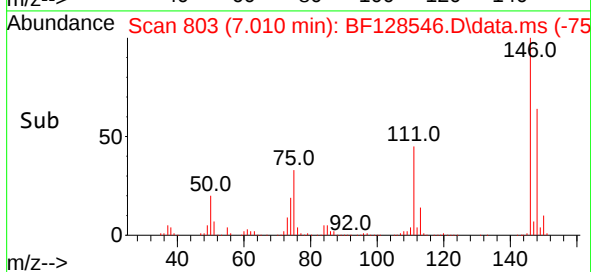
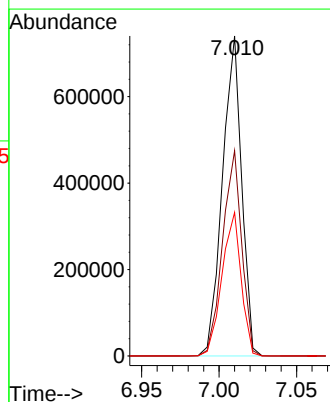
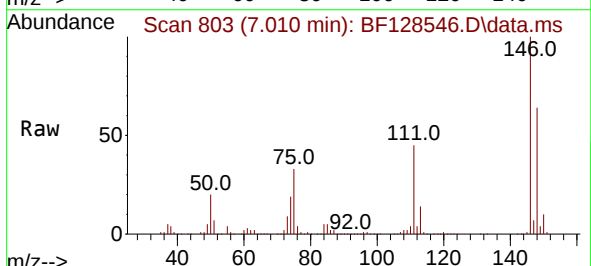
Tgt Ion:146 Resp: 638489

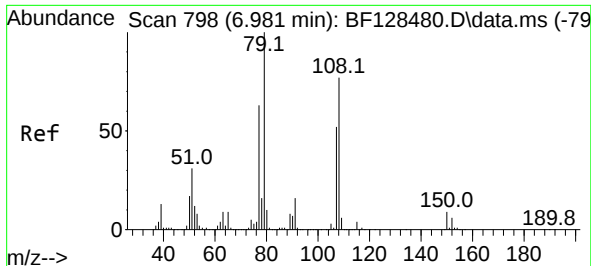
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

111 44.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 48.967 ng

RT: 6.981 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF128546.D

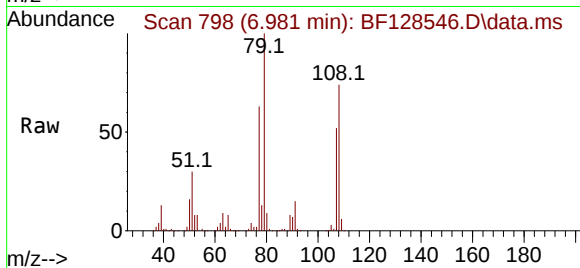
Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

P009-SS003-2430-01MSD

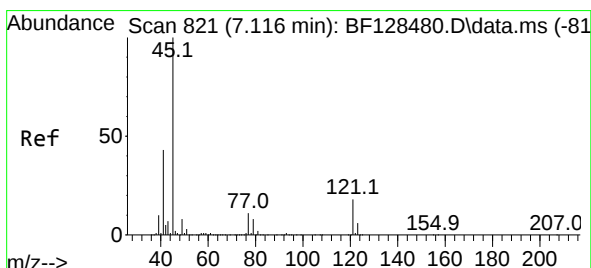
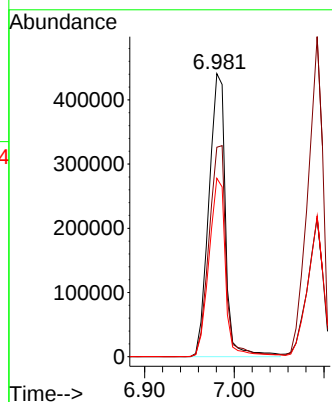


Tgt Ion: 79 Resp: 568494

Ion	Ratio	Lower	Upper
79	100		
108	74.0	61.8	92.6
77	63.0	50.2	75.4

Manual Integrations
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Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.297 ng

RT: 7.116 min Scan# 821

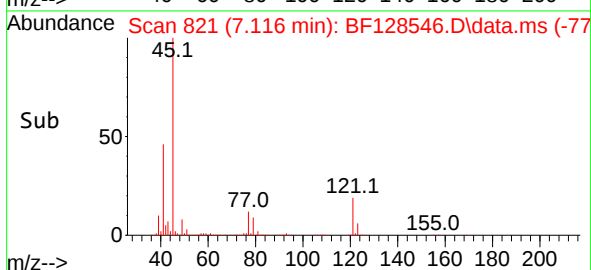
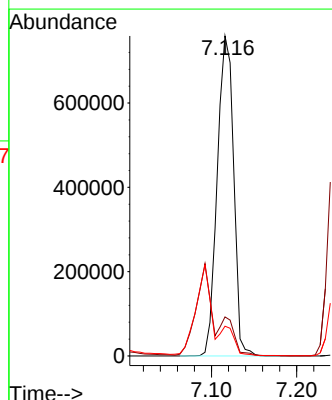
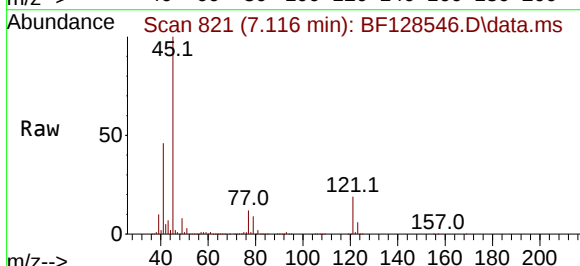
Delta R.T. -0.000 min

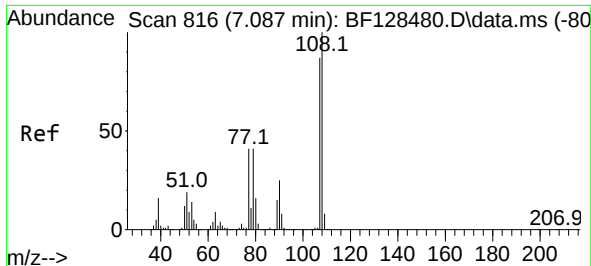
Lab File: BF128546.D

Acq: 28 May 2022 14:04

Tgt Ion: 45 Resp: 1011729

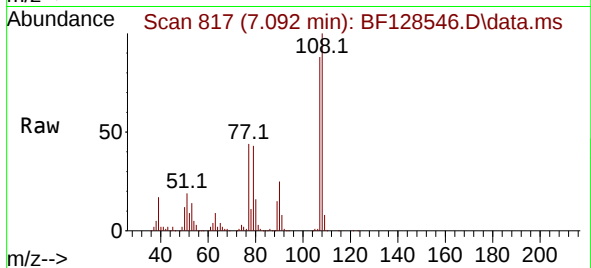
Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	31.3
79	9.3	0.0	28.3





#17
2-Methylphenol
Concen: 48.152 ng
RT: 7.092 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

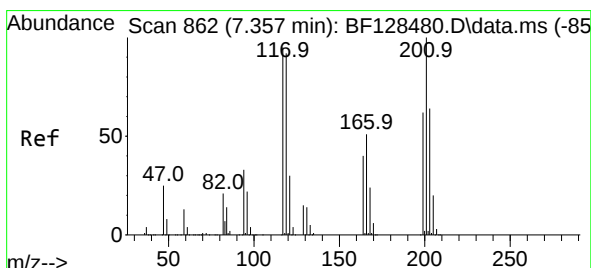
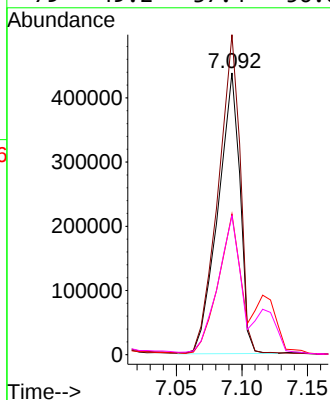
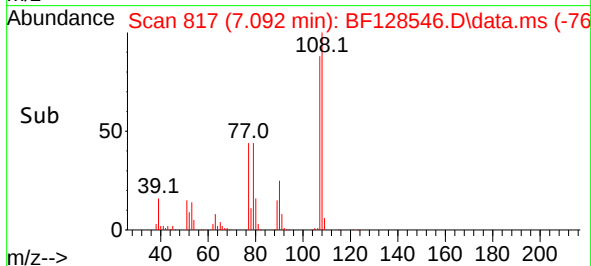
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:	107	Resp:	50733
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.9	137.9
77	49.9	37.8	56.8
79	49.2	37.4	56.0

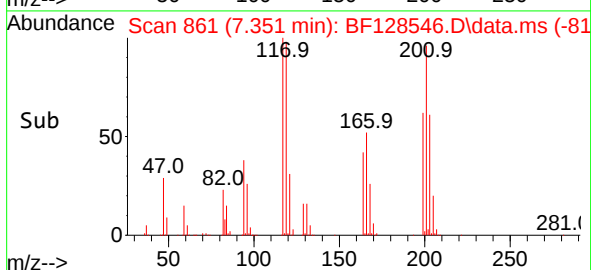
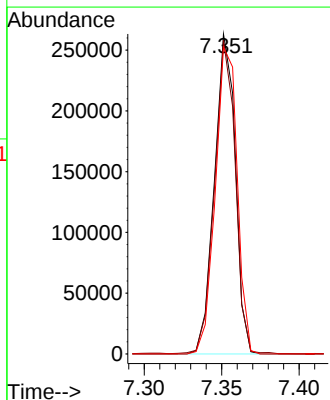
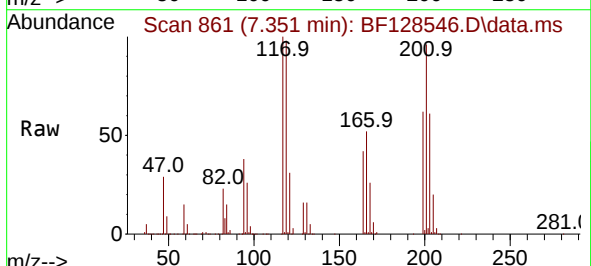
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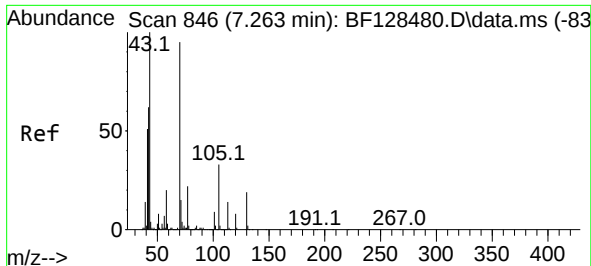
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#18
Hexachloroethane
Concen: 49.148 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

Tgt Ion:	117	Resp:	246632
Ion Ratio	Lower	Upper	
117	100		
119	98.1	77.4	116.2
201	95.9	84.6	127.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.291 ng

RT: 7.257 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF128546.D

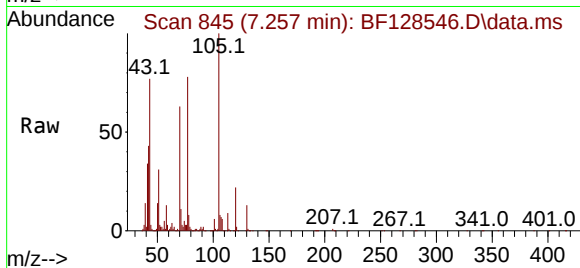
Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

P009-SS003-2430-01MSD



Tgt Ion: 70 Resp: 43204

Ion Ratio Lower Upper

70 100

42 67.0 52.3 78.5

101 9.6 7.5 11.3

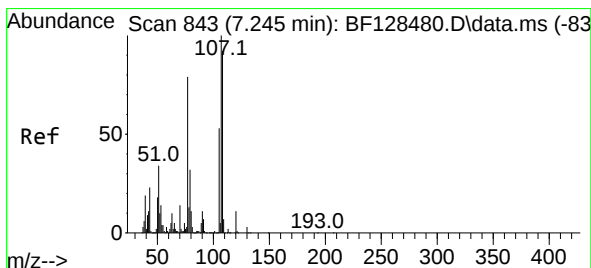
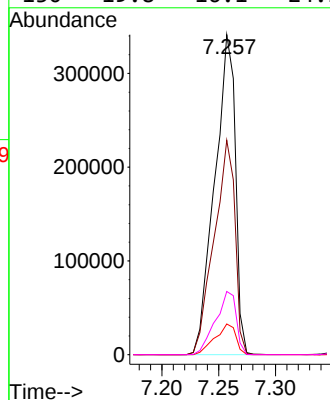
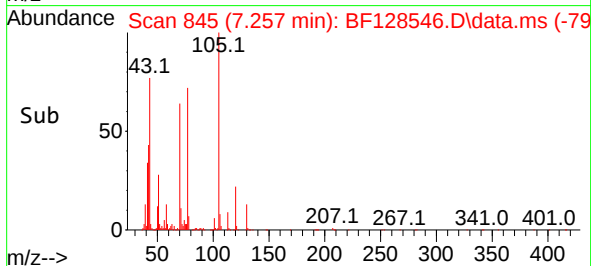
130 19.8 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/29/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#20

3+4-Methylphenols

Concen: 45.627 ng

RT: 7.245 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Tgt Ion:107 Resp: 580761

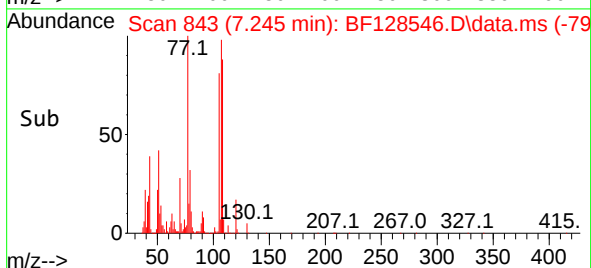
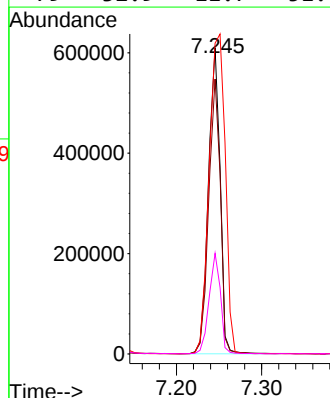
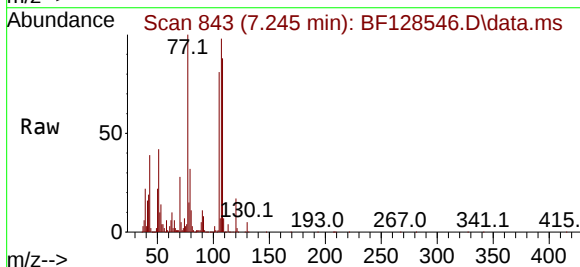
Ion Ratio Lower Upper

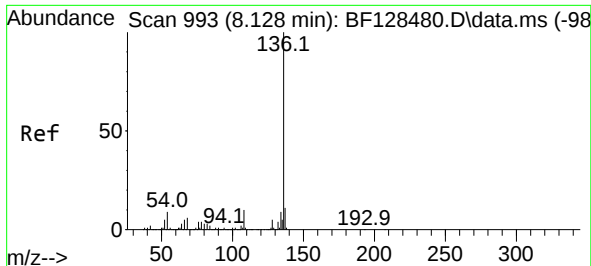
107 100

108 89.8 71.8 111.8

77 101.6 59.3 99.3

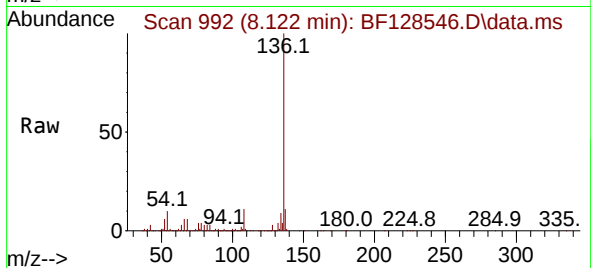
79 32.9 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

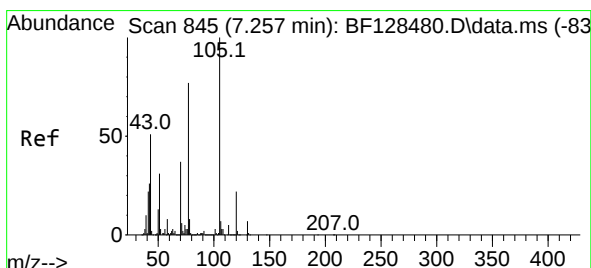
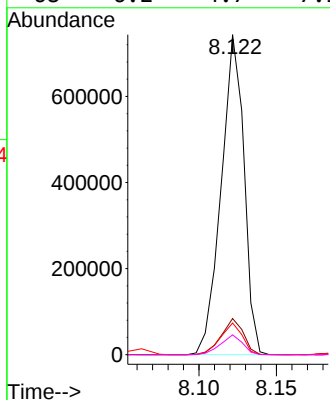
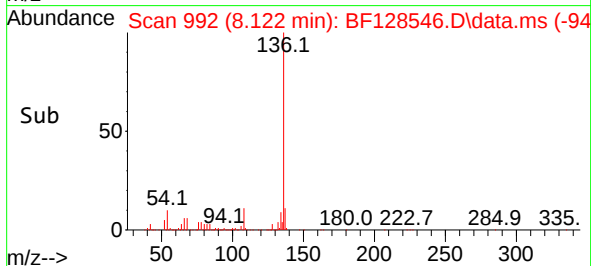
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:136 Resp: 759912
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.9 7.5 11.3
68 6.2 4.7 7.1

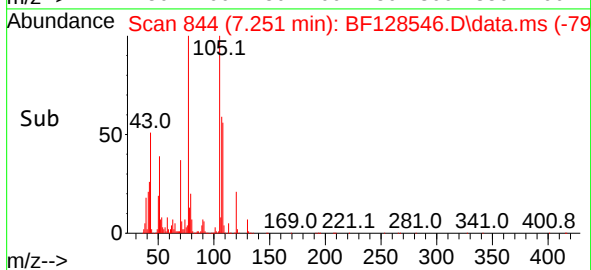
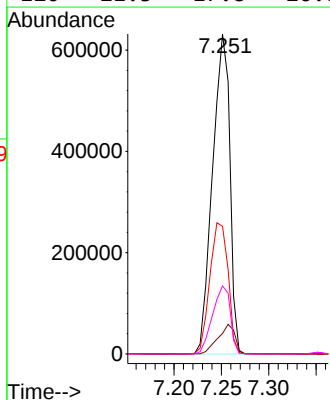
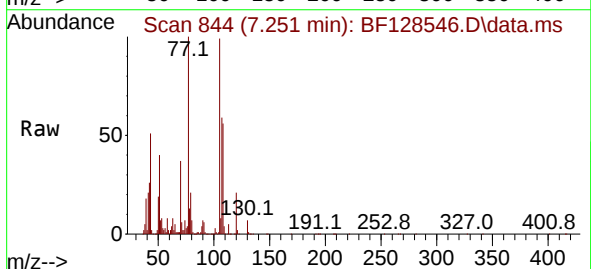
Manual Integrations
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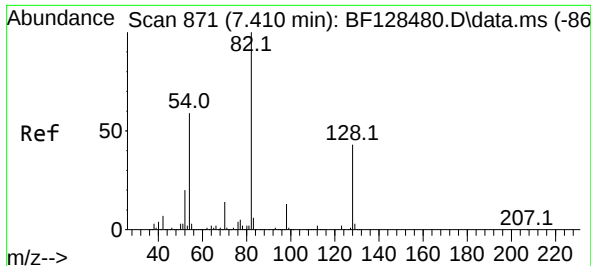
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#22
Acetophenone
Concen: 45.765 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

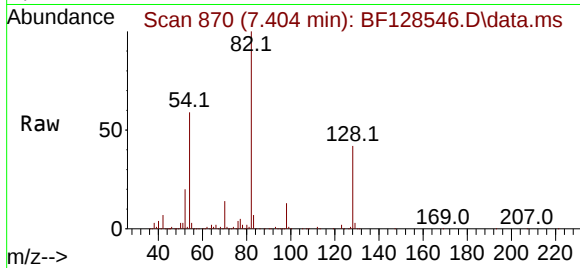
Tgt Ion:105 Resp: 801902
Ion Ratio Lower Upper
105 100
71 6.4 5.0 7.4
51 39.9 25.0 37.4#
120 21.3 17.8 26.8





#23
Nitrobenzene-d5
Concen: 75.672 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

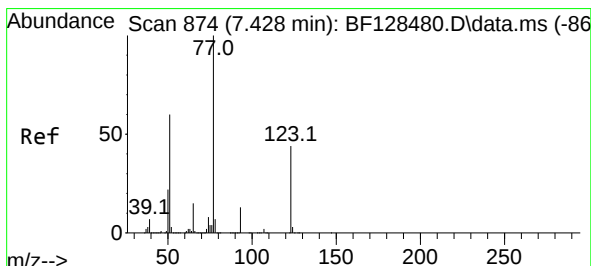
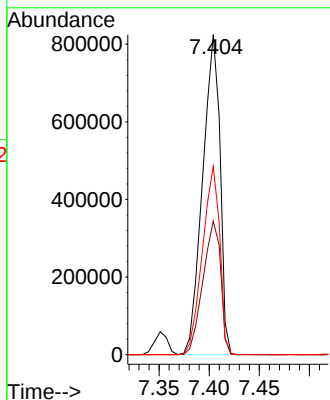
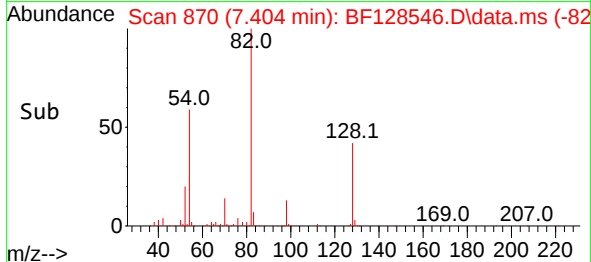
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion: 82 Resp: 99681
Ion Ratio Lower Upper
82 100
128 41.7 34.0 51.0
54 58.8 46.9 70.3

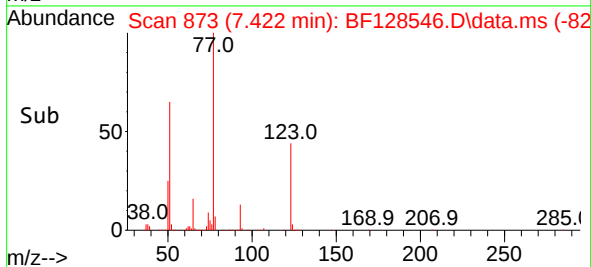
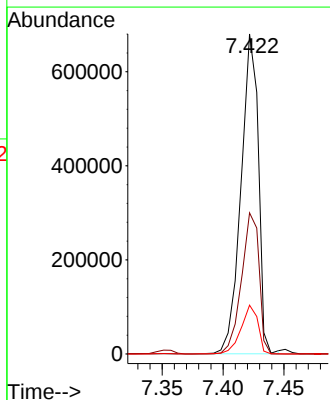
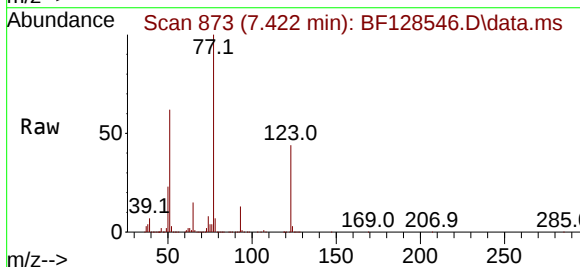
Manual Integrations
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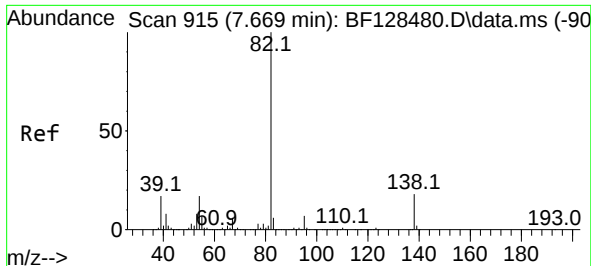
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#24
Nitrobenzene
Concen: 51.685 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

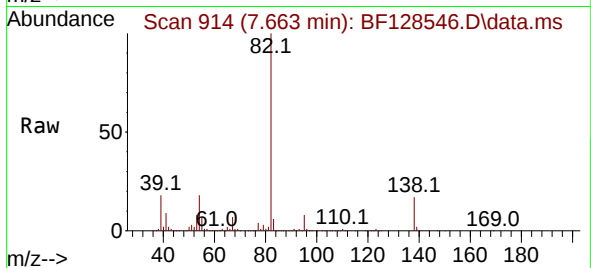
Tgt Ion: 77 Resp: 673091
Ion Ratio Lower Upper
77 100
123 44.1 35.4 53.2
65 15.2 11.8 17.8





#25
Isophorone
Concen: 51.561 ng
RT: 7.663 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

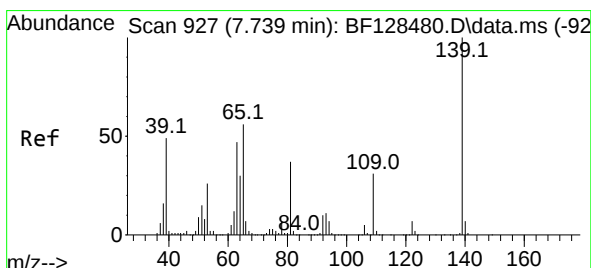
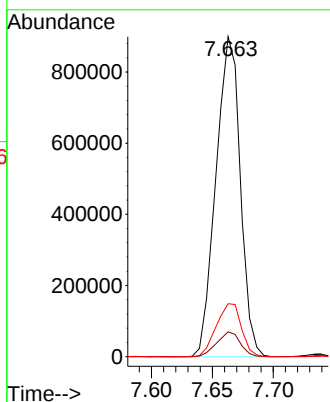
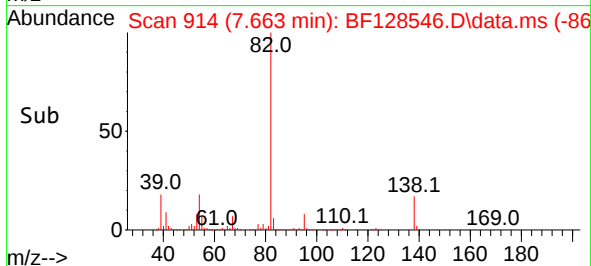
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion: 82 Resp: 1252940
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.5 14.2 21.2

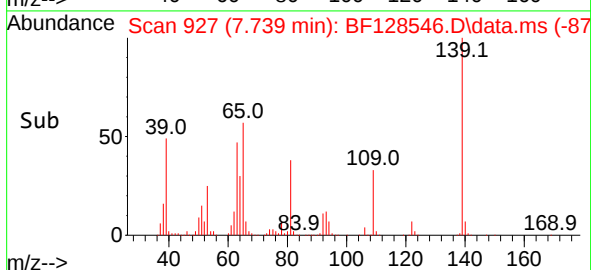
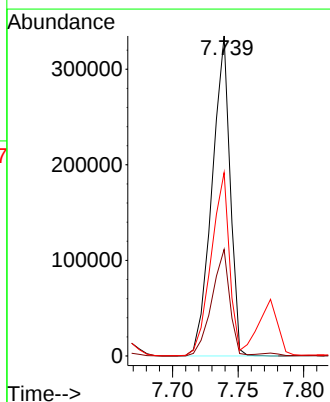
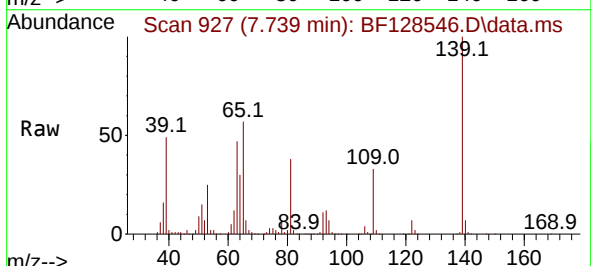
Manual Integrations
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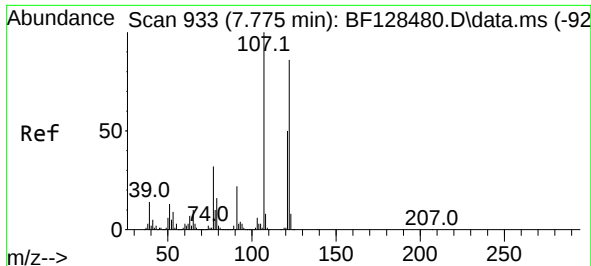
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#26
2-Nitrophenol
Concen: 58.982 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

Tgt Ion:139 Resp: 321035
Ion Ratio Lower Upper
139 100
109 33.3 25.0 37.4
65 57.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 54.753 ng

RT: 7.775 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

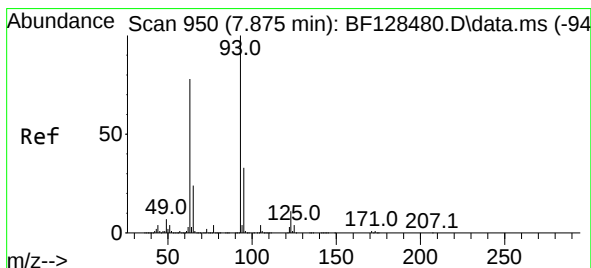
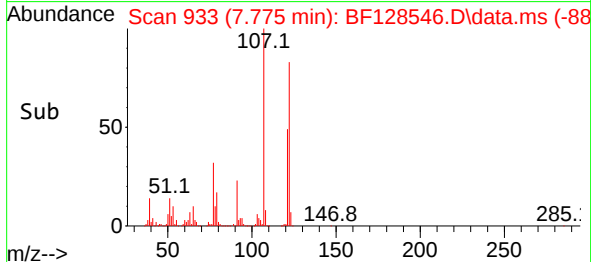
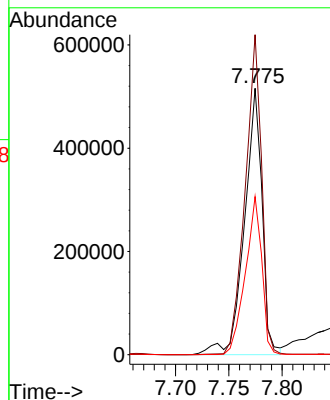
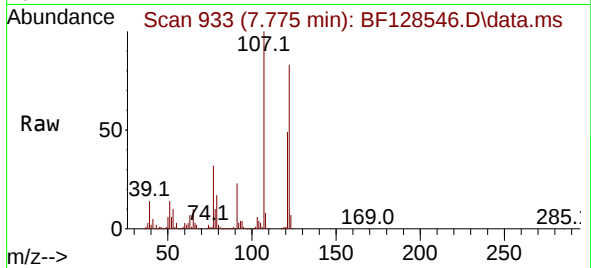
P009-SS003-2430-01MSD

Tgt Ion:122 Resp: 592359
 Ion Ratio Lower Upper
 122 100
 107 120.1 93.0 139.6
 121 59.4 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.392 ng

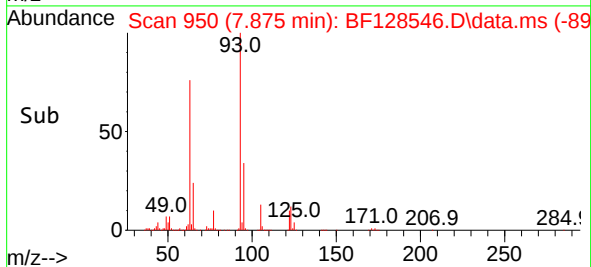
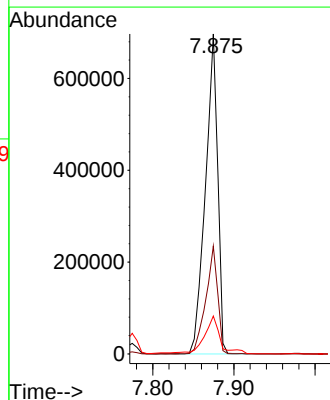
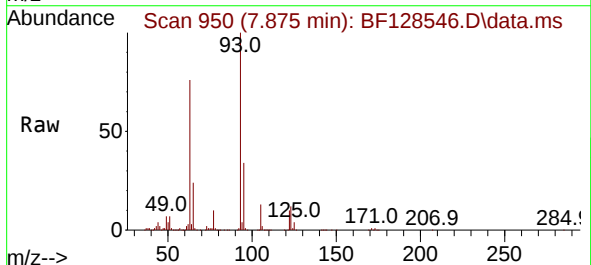
RT: 7.875 min Scan# 950

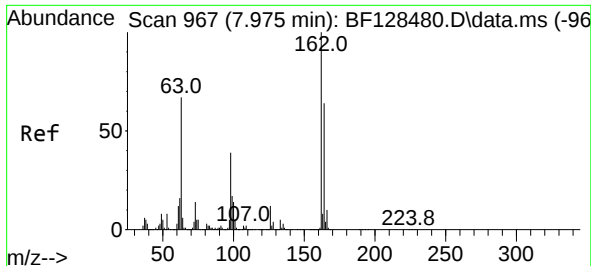
Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Tgt Ion: 93 Resp: 731642
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.8 40.2
 123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.270 ng

RT: 7.981 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

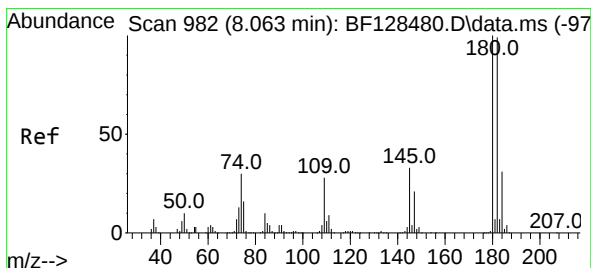
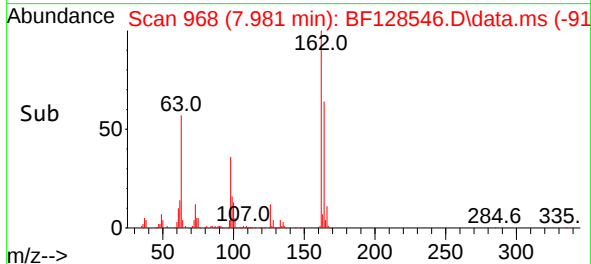
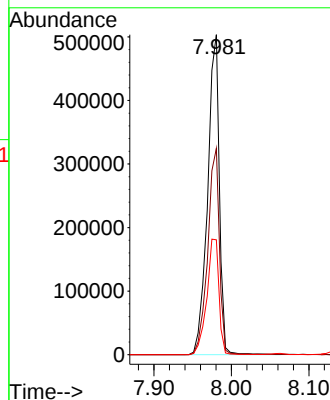
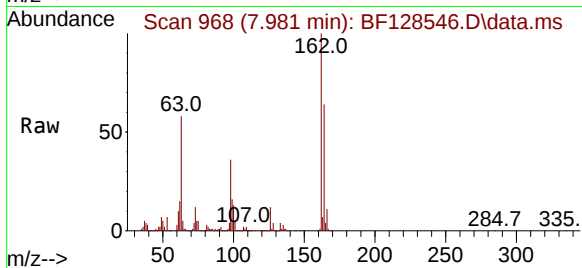
P009-SS003-2430-01MSD

Tgt Ion:162 Resp: 52925
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.2 84.2
 98 35.9 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.409 ng

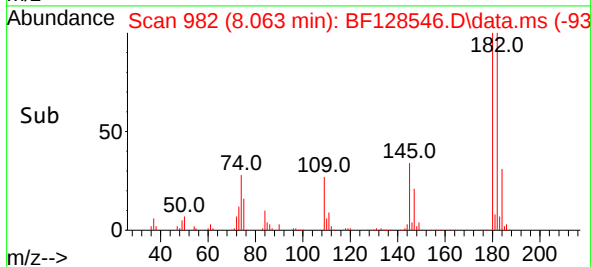
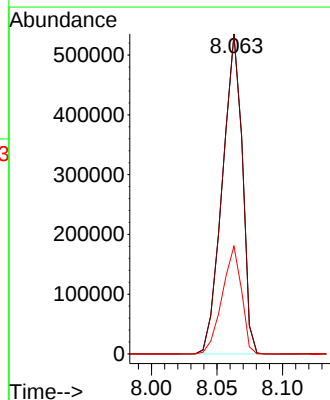
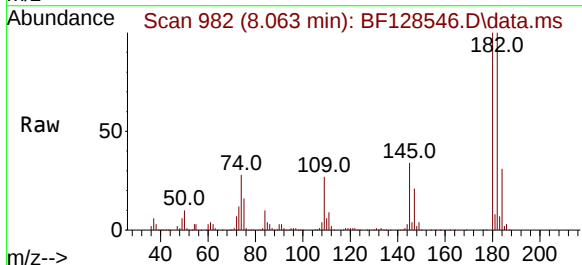
RT: 8.063 min Scan# 982

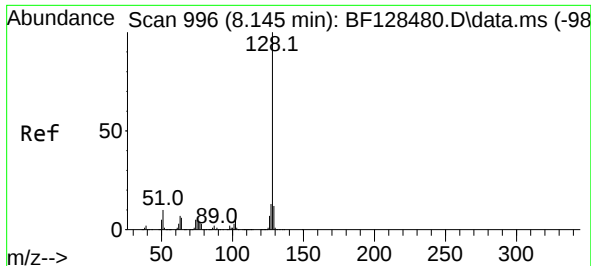
Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

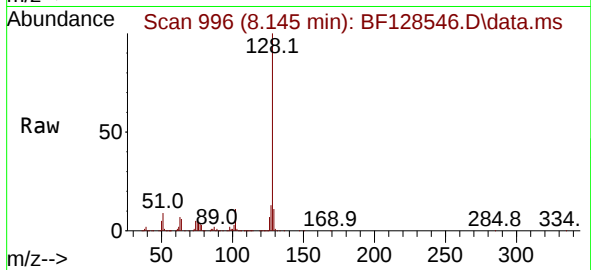
Tgt Ion:180 Resp: 562836
 Ion Ratio Lower Upper
 180 100
 182 99.8 79.2 118.8
 145 33.7 26.2 39.2





#31
Naphthalene
Concen: 46.631 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

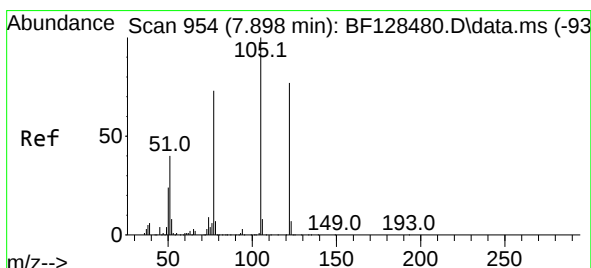
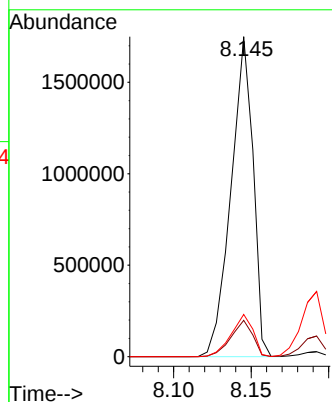
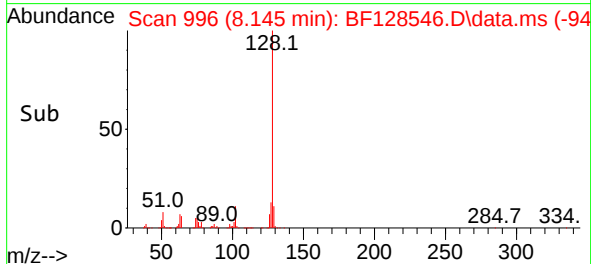
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:128 Resp: 1734340
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.5 15.7

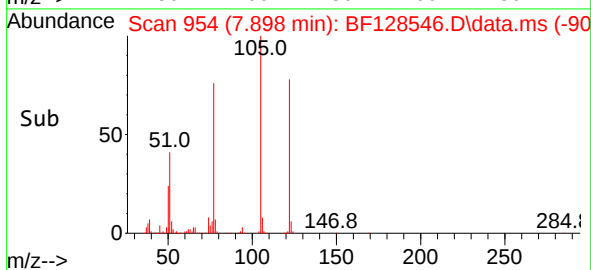
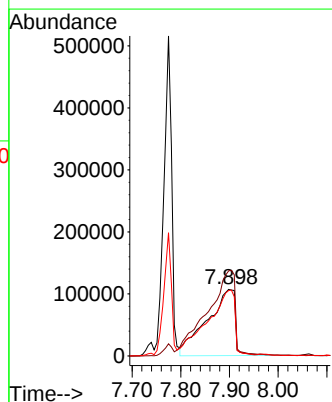
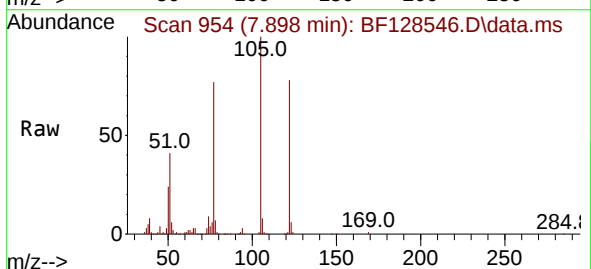
Manual Integrations
APPROVED

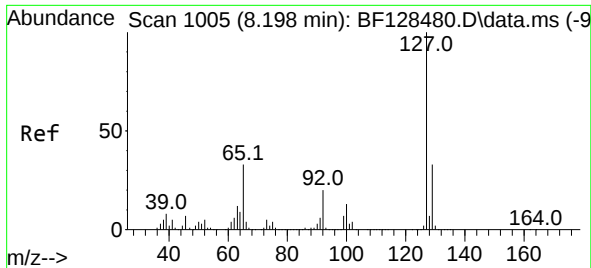
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#32
Benzoic acid
Concen: 56.255 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

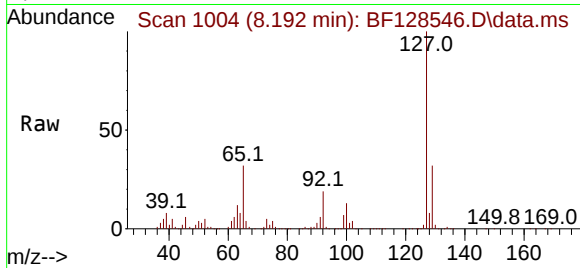
Tgt Ion:122 Resp: 430224
Ion Ratio Lower Upper
122 100
105 127.6 107.1 147.1
77 98.2 74.2 114.2





#33
4-Chloroaniline
Concen: 24.493 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

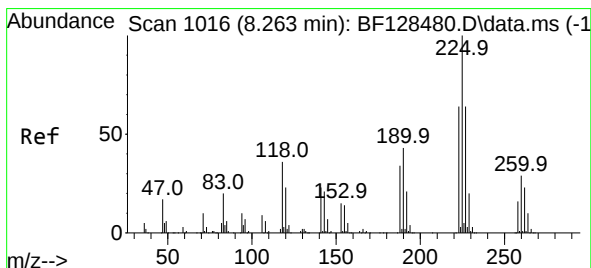
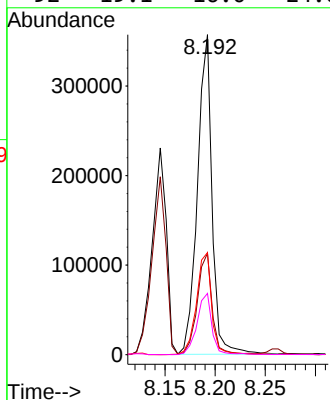
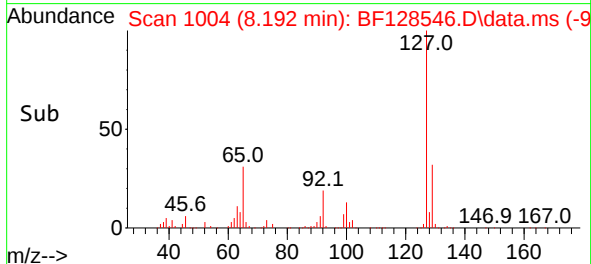
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.4	39.6
65	31.9	26.4	39.6
92	19.1	16.0	24.0

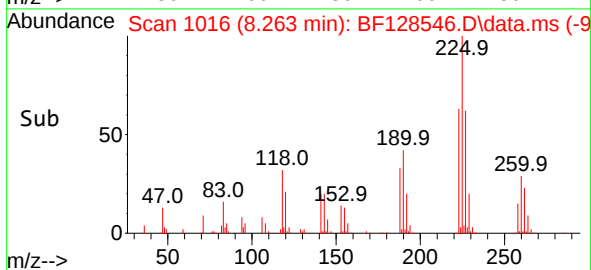
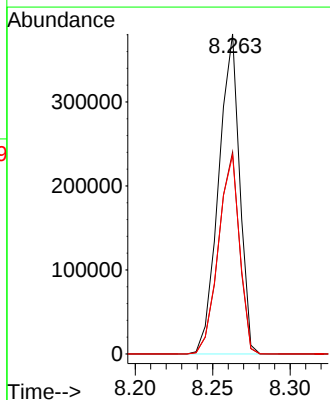
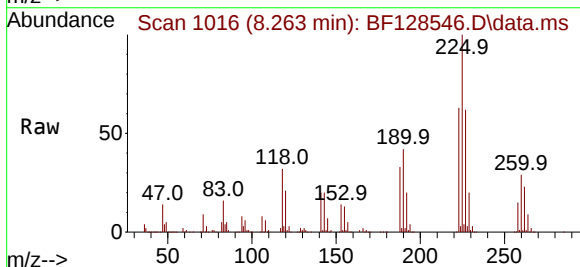
Manual Integrations
APPROVED

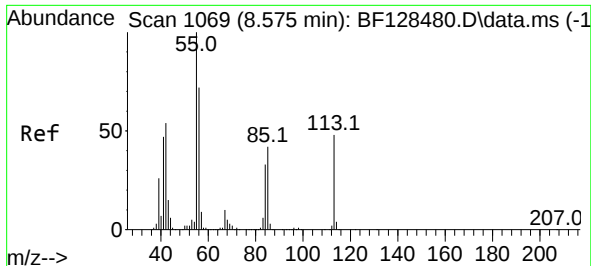
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#34
Hexachlorobutadiene
Concen: 46.839 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

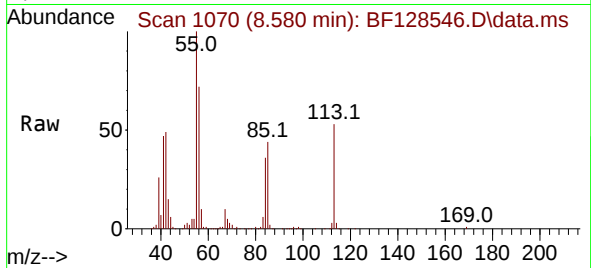
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	62.1	51.1	76.7





#35
 Caprolactam
 Concen: 48.092 ng m
 RT: 8.580 min Scan# 1069
 Delta R.T. 0.006 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

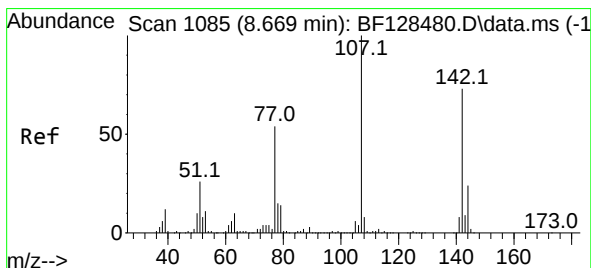
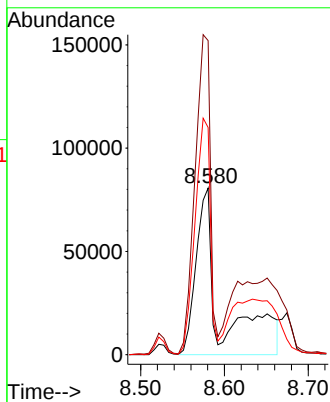
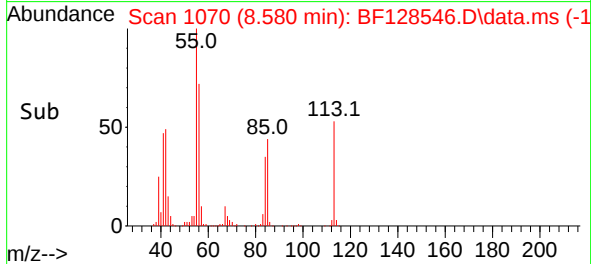
Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01MSD



Tgt Ion:113 Resp: 166039
 Ion Ratio Lower Upper
 113 100
 55 188.5 188.5 228.5
 56 136.4 130.6 170.6

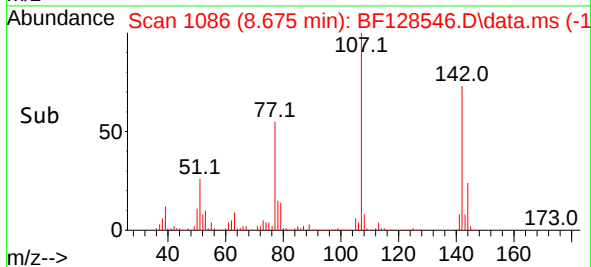
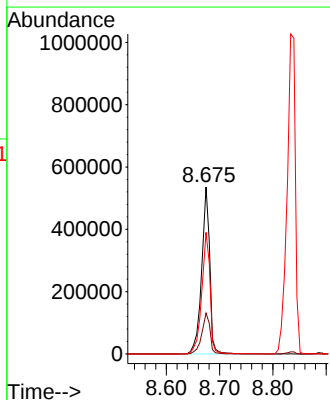
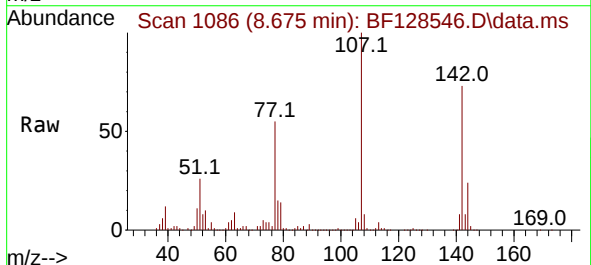
Manual Integrations
 APPROVED

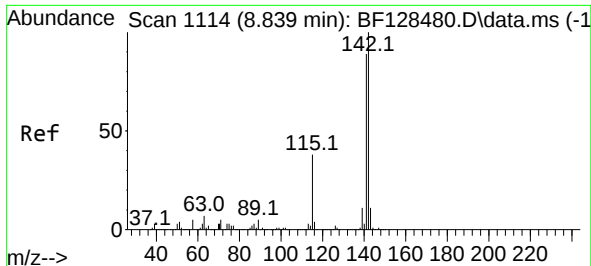
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#36
 4-Chloro-3-methylphenol
 Concen: 49.137 ng
 RT: 8.675 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

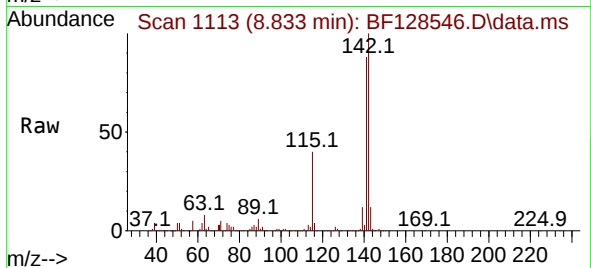
Tgt Ion:107 Resp: 565177
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.5 29.3
 142 72.9 58.2 87.4





#37
2-Methylnaphthalene
Concen: 47.356 ng
RT: 8.833 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

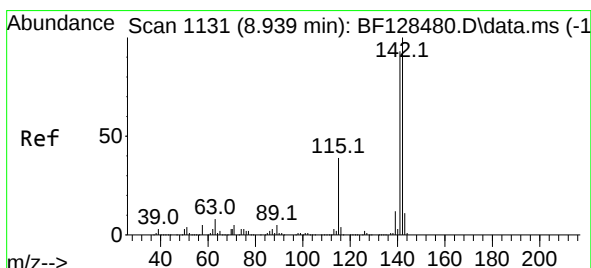
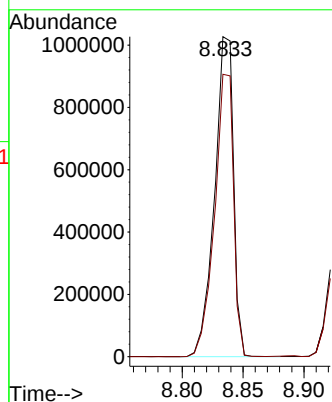
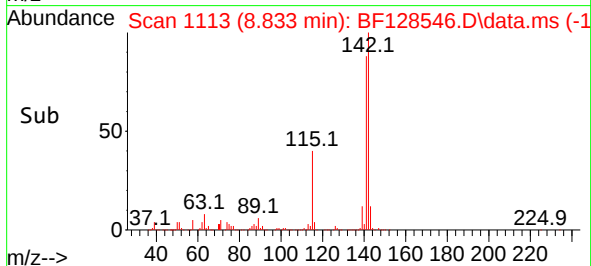
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:142 Resp: 111174
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4

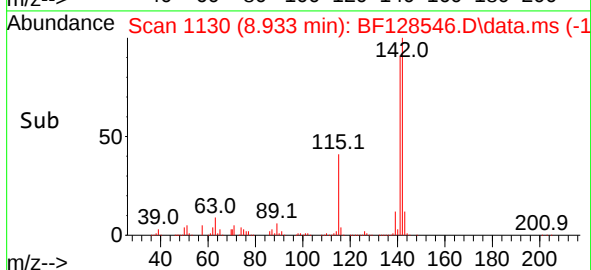
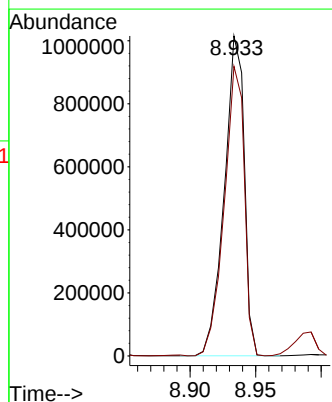
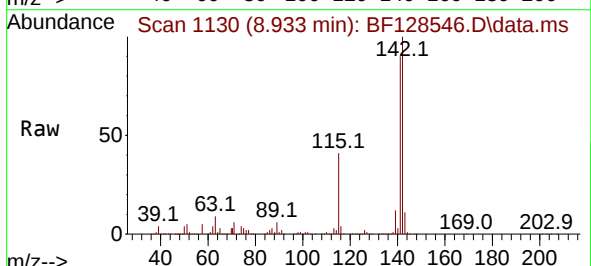
Manual Integrations
APPROVED

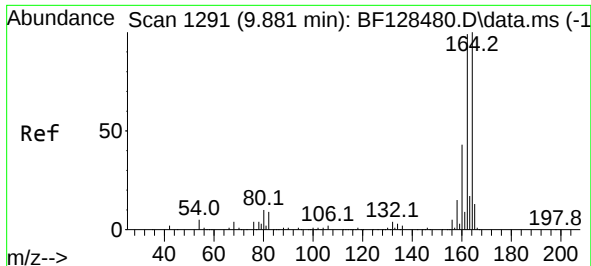
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#38
1-Methylnaphthalene
Concen: 46.975 ng
RT: 8.933 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

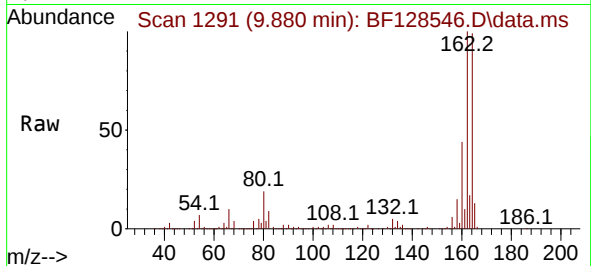
Tgt Ion:142 Resp: 1072580
Ion Ratio Lower Upper
142 100
141 90.5 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1129
Delta R.T. -0.001 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

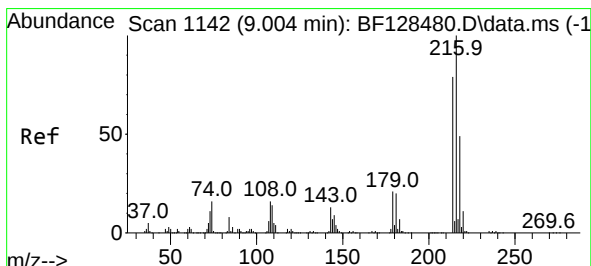
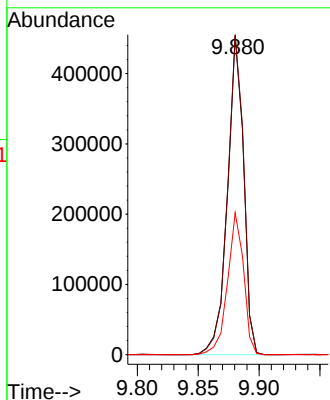
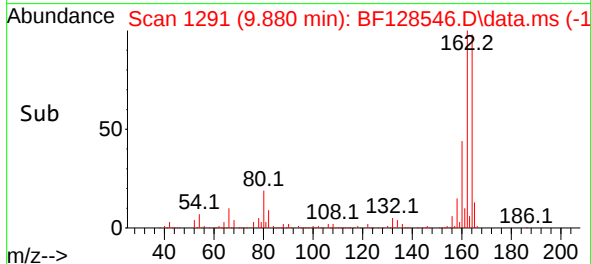
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:164 Resp: 41893
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 44.6 34.2 51.4

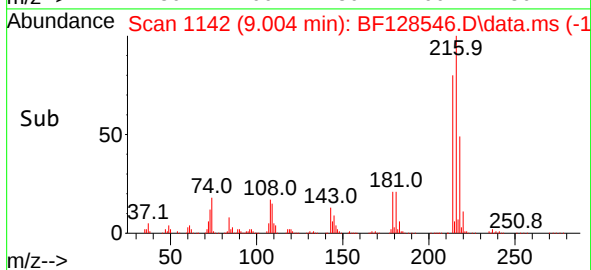
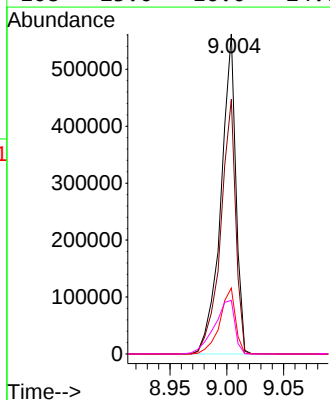
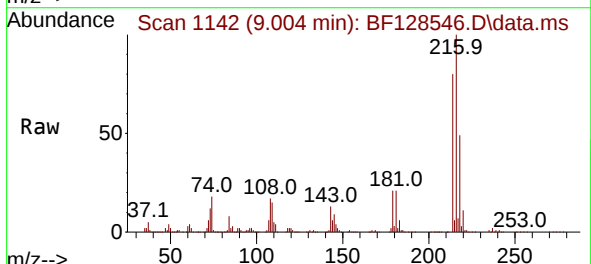
Manual Integrations
APPROVED

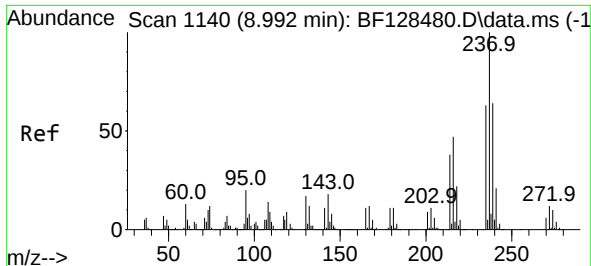
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.879 ng
RT: 9.004 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

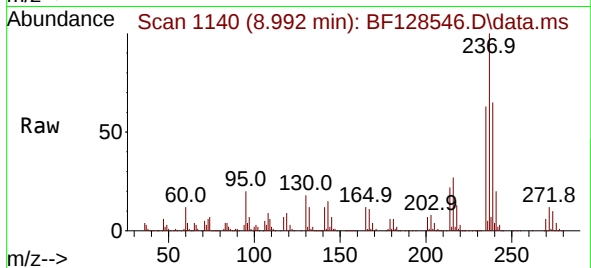
Tgt Ion:216 Resp: 516284
Ion Ratio Lower Upper
216 100
214 80.0 63.6 95.4
179 21.4 17.0 25.6
108 23.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 110.433 ng
RT: 8.992 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

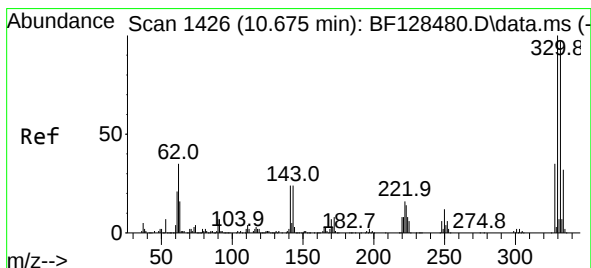
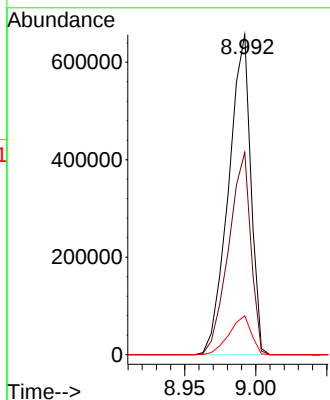
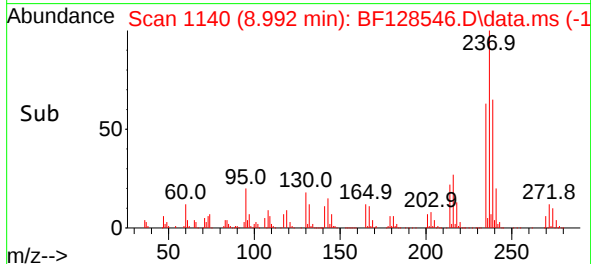
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



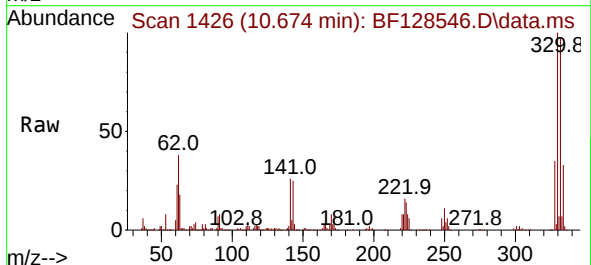
Tgt Ion:237 Resp: 71413
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 12.2 0.0 31.9

Manual Integrations
APPROVED

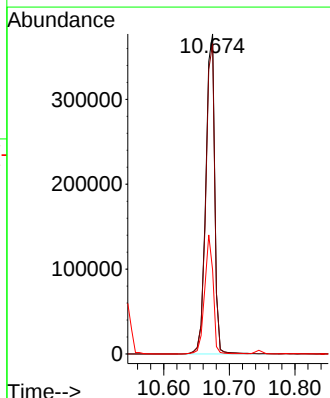
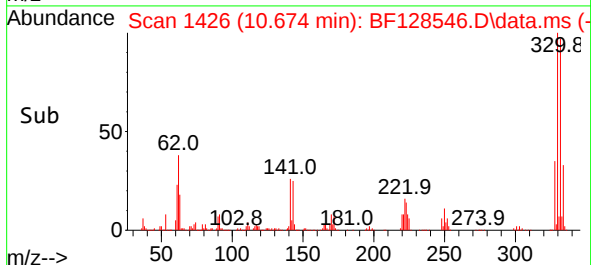
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

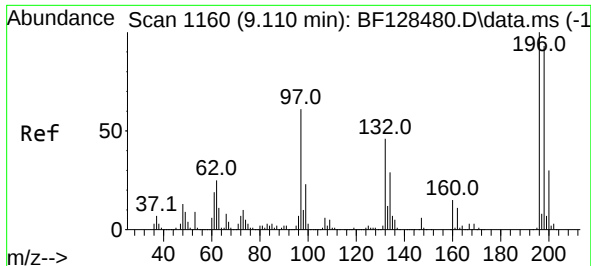


#42
2,4,6-Tribromophenol
Concen: 89.270 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



Tgt Ion:330 Resp: 355967
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 35.7 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 46.887 ng

RT: 9.116 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

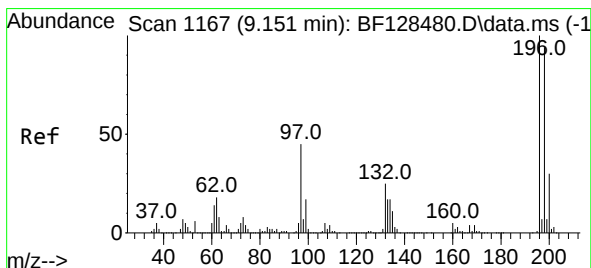
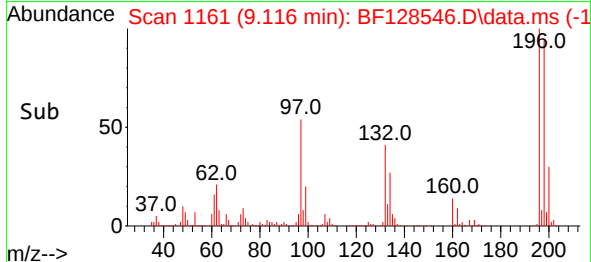
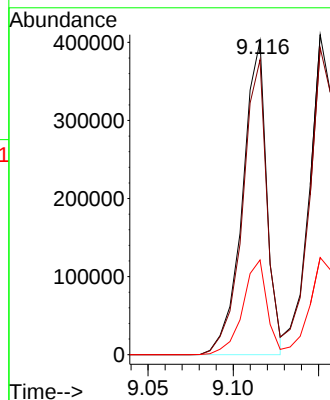
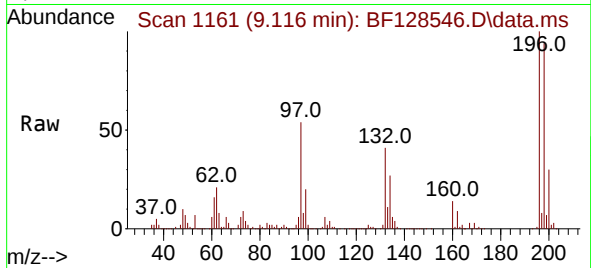
P009-SS003-2430-01MSD

Tgt Ion:196 Resp: 397764
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.0 111.0
 200 30.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#44

2,4,5-Trichlorophenol

Concen: 46.596 ng

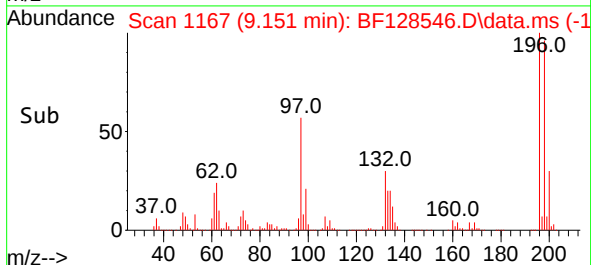
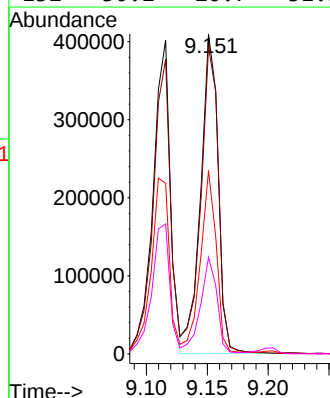
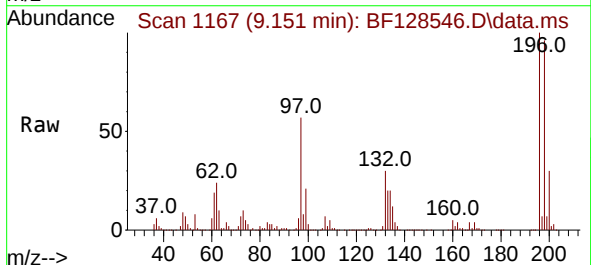
RT: 9.151 min Scan# 1167

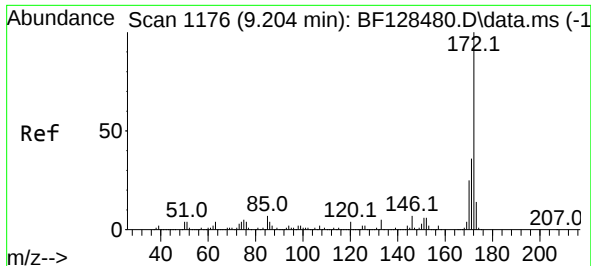
Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

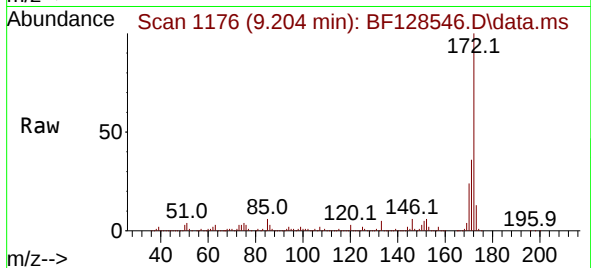
Tgt Ion:196 Resp: 407295
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 57.3 36.4 54.6#
 132 30.2 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 69.331 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

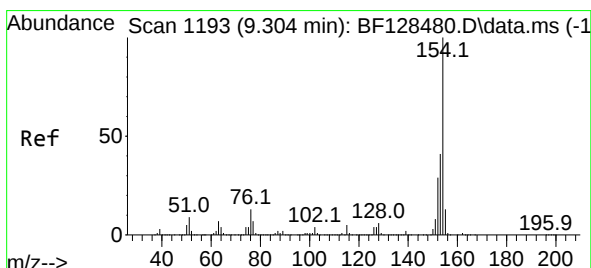
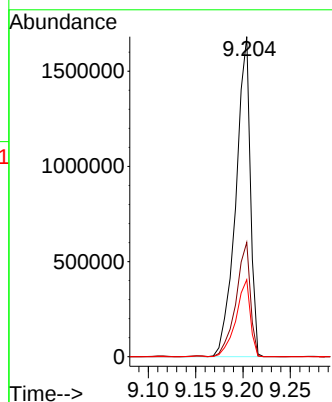
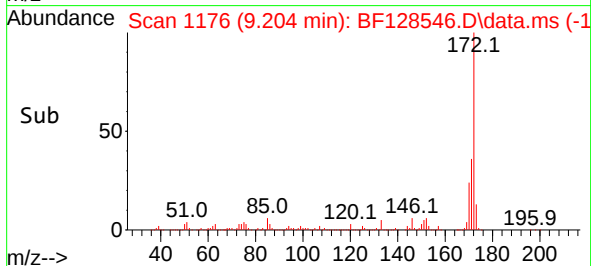
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



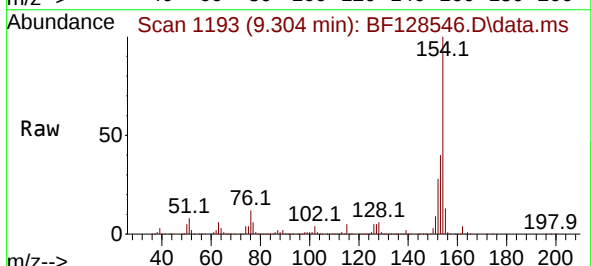
Tgt Ion:172 Resp: 178776
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.0 19.8 29.8

Manual Integrations
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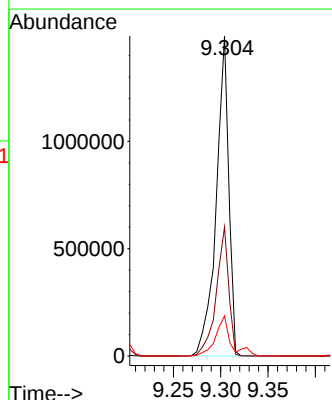
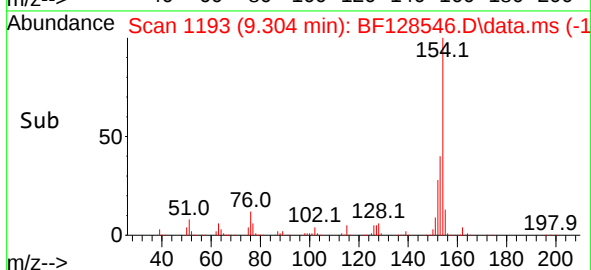
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

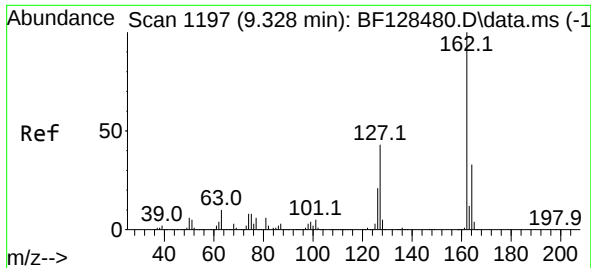


#46
1,1'-Biphenyl
Concen: 46.911 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



Tgt Ion:154 Resp: 1379949
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 12.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 46.298 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

P009-SS003-2430-01MSD

Tgt Ion:162 Resp: 1069110

Ion Ratio Lower Upper

162 100

127 42.8 34.5 51.7

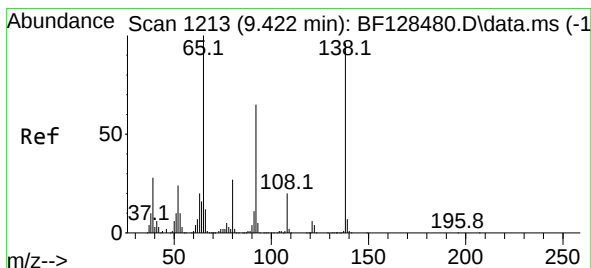
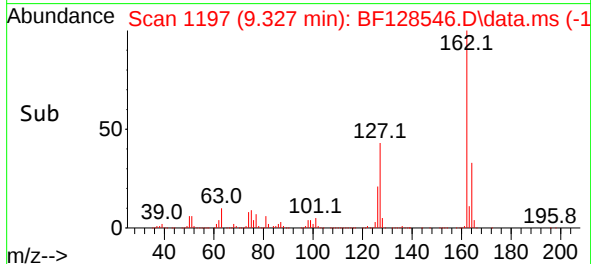
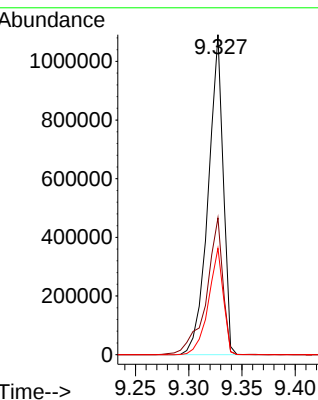
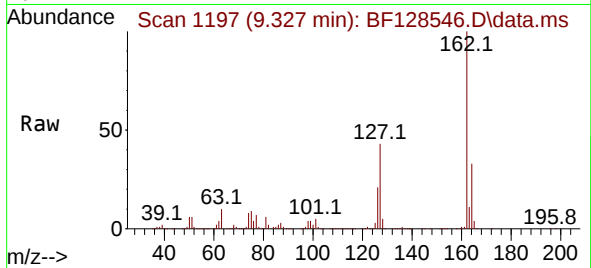
164 33.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#48

2-Nitroaniline

Concen: 58.635 ng

RT: 9.422 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

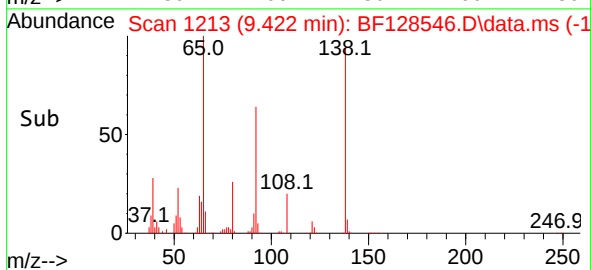
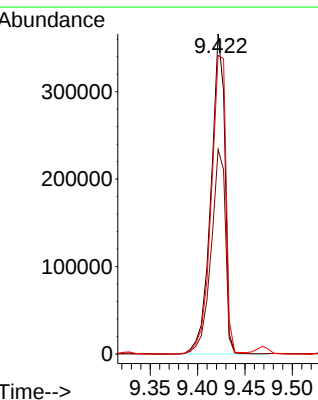
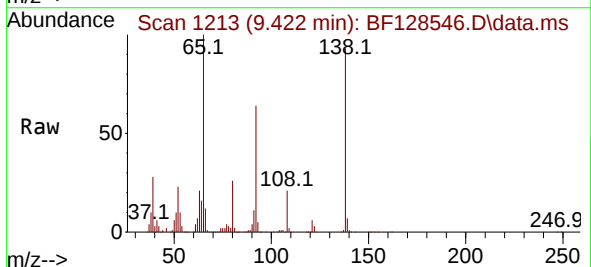
Tgt Ion: 65 Resp: 376514

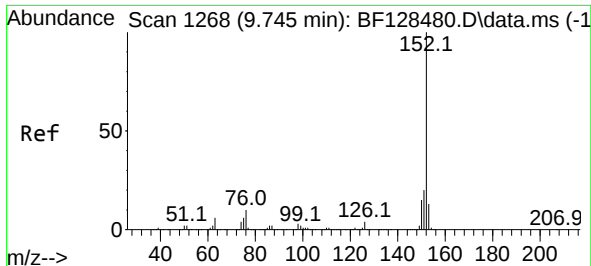
Ion Ratio Lower Upper

65 100

92 63.9 51.9 77.9

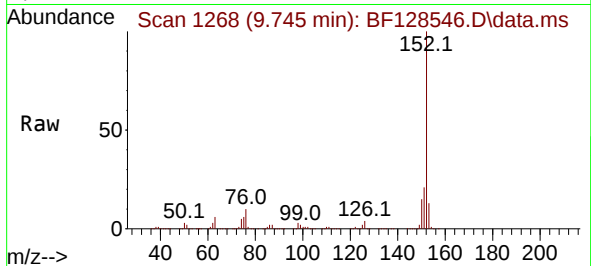
138 93.3 76.4 114.6





#49
Acenaphthylene
Concen: 49.030 ng
RT: 9.745 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

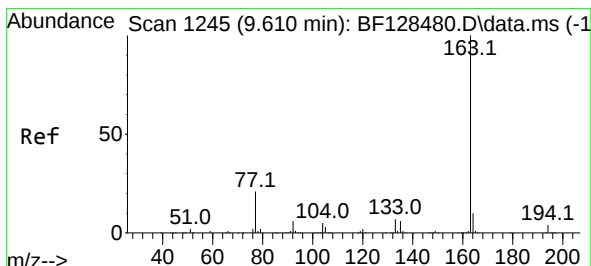
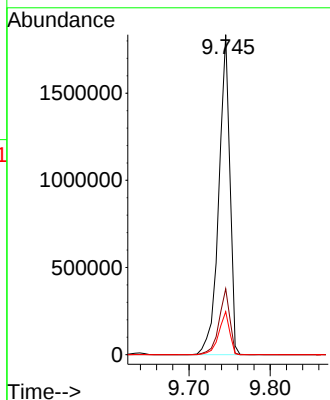
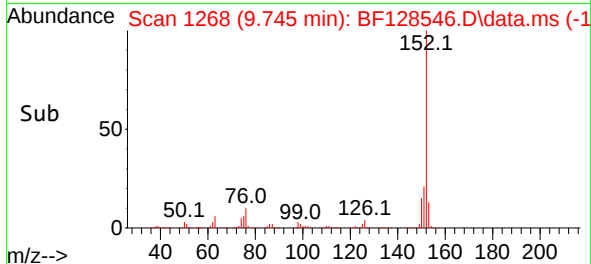
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:152 Resp: 1739324
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.5 10.7 16.1

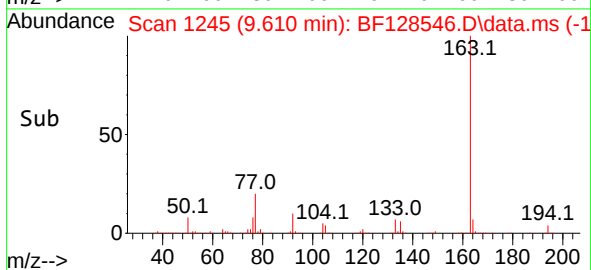
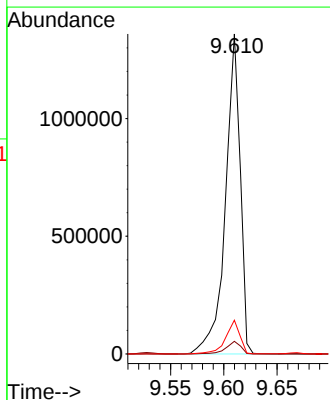
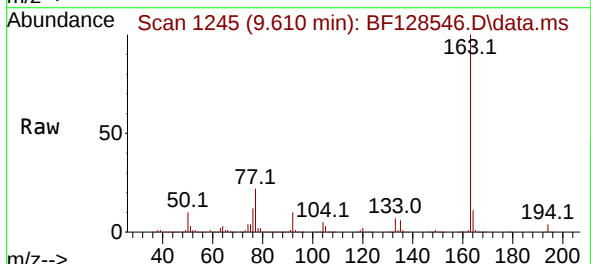
Manual Integrations
APPROVED

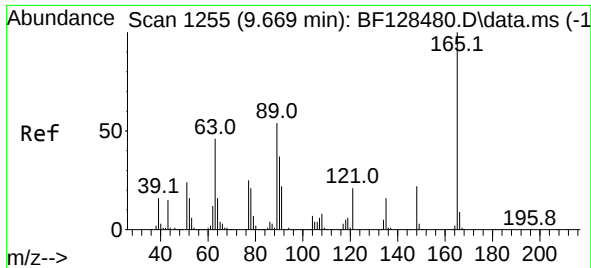
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#50
Dimethylphthalate
Concen: 47.952 ng
RT: 9.610 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

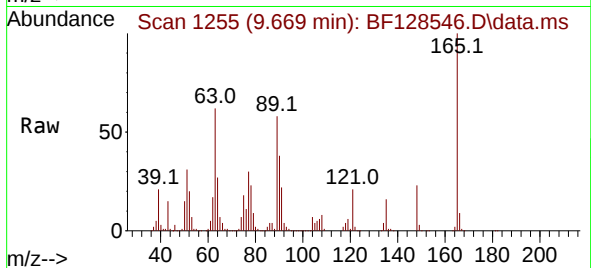
Tgt Ion:163 Resp: 1303068
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 58.100 ng
RT: 9.669 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

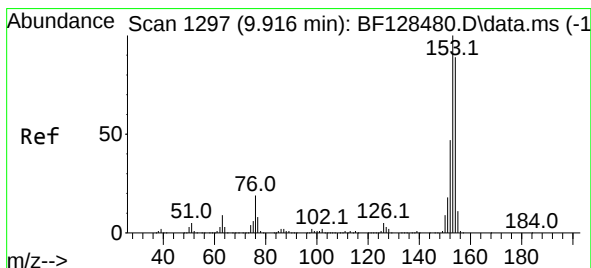
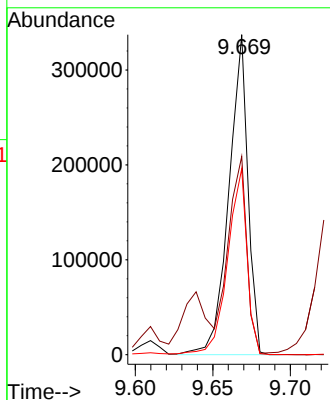
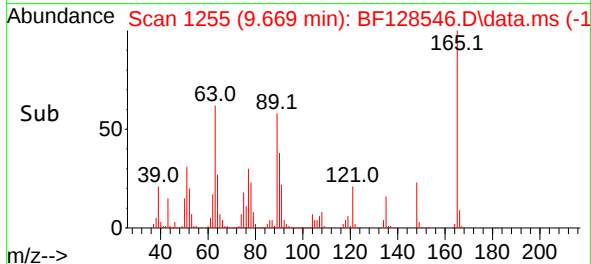
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:165 Resp: 289354
Ion Ratio Lower Upper
165 100
63 61.9 44.9 67.3
89 58.1 43.6 65.4

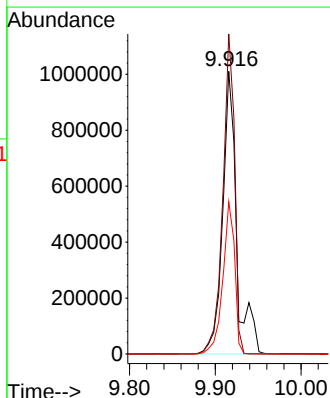
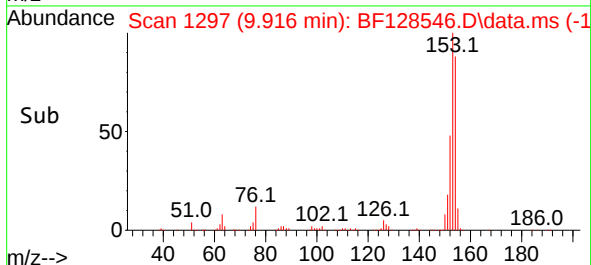
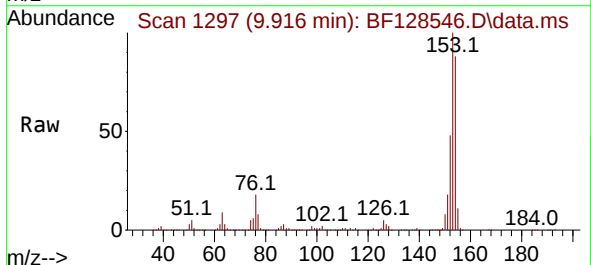
Manual Integrations
APPROVED

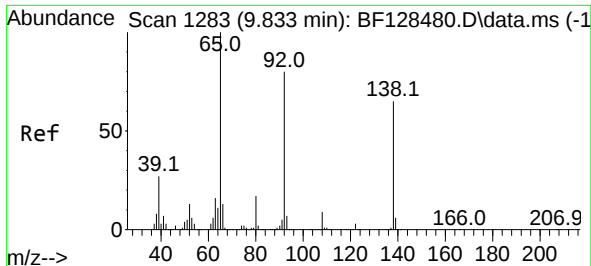
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#52
Acenaphthene
Concen: 52.167 ng m
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

Tgt Ion:154 Resp: 1141797
Ion Ratio Lower Upper
154 100
153 113.2 89.6 134.4
152 53.9 42.4 63.6





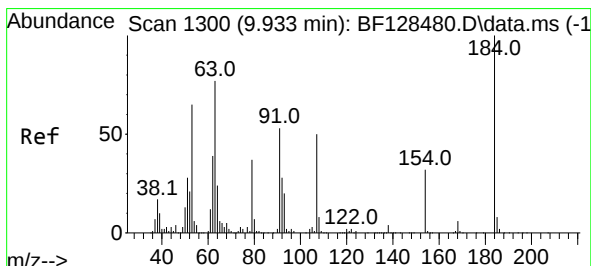
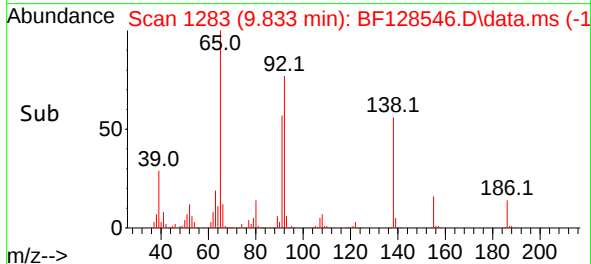
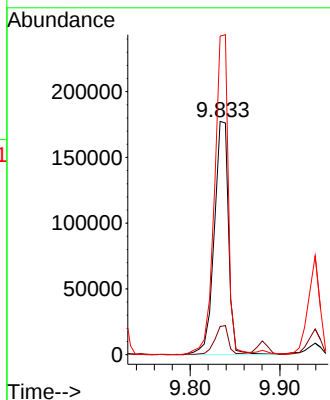
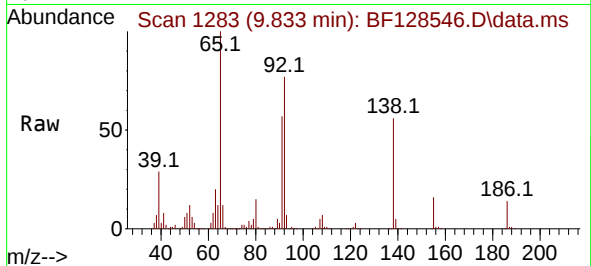
#53
3-Nitroaniline
Concen: 34.045 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD

Tgt Ion:138 Resp: 19581
Ion Ratio Lower Upper
138 100
108 12.1 10.9 16.3
92 136.6 98.2 147.2

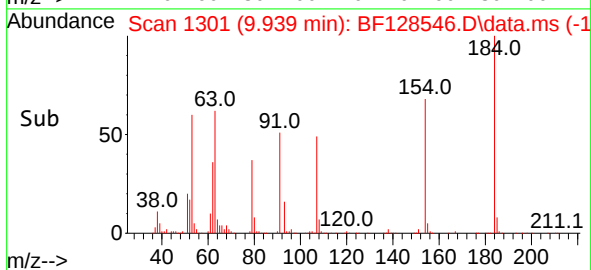
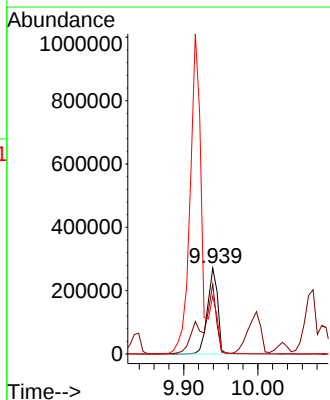
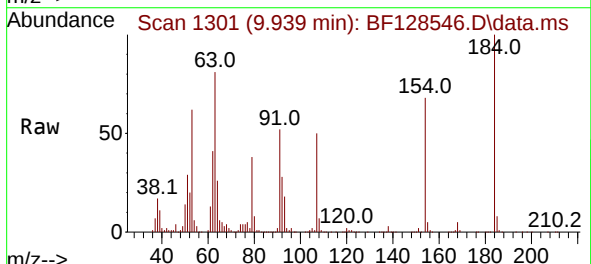
Manual Integrations
APPROVED

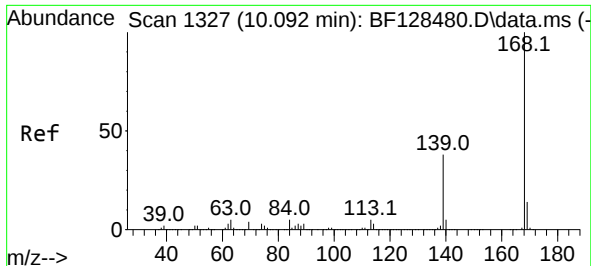
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#54
2,4-Dinitrophenol
Concen: 101.327 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

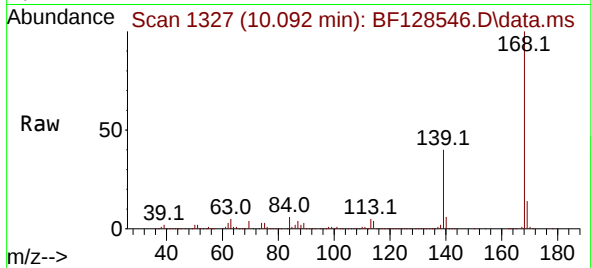
Tgt Ion:184 Resp: 260982
Ion Ratio Lower Upper
184 100
63 81.4 64.5 96.7
154 67.8 50.6 75.8





#55
Dibenzenofuran
Concen: 45.484 ng
RT: 10.092 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

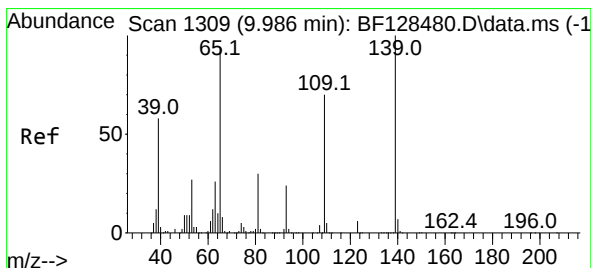
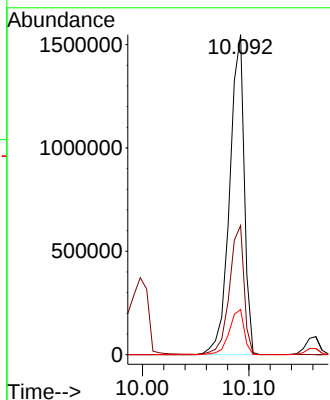
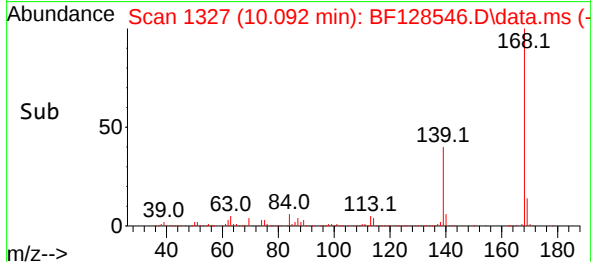
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:168 Resp: 1477030
Ion Ratio Lower Upper
168 100
139 40.3 30.6 46.0
169 14.1 11.0 16.6

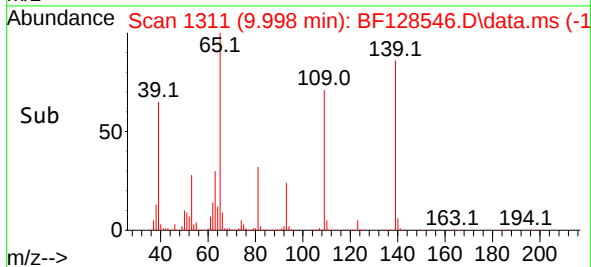
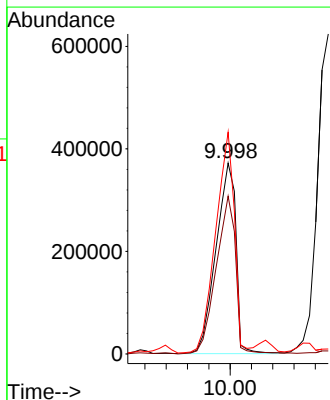
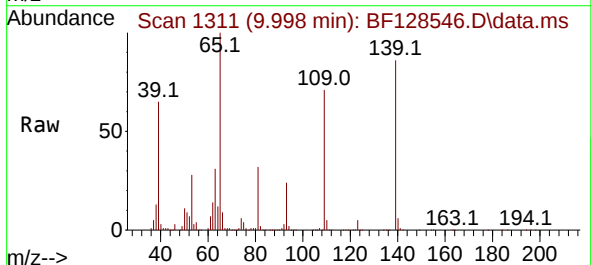
Manual Integrations
APPROVED

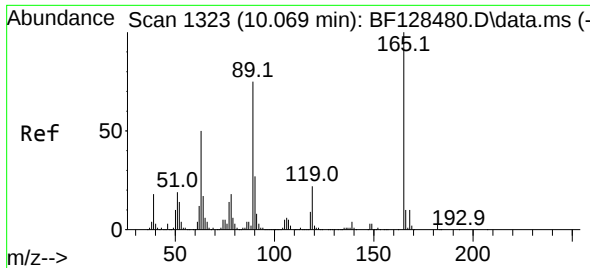
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#56
4-Nitrophenol
Concen: 103.255 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

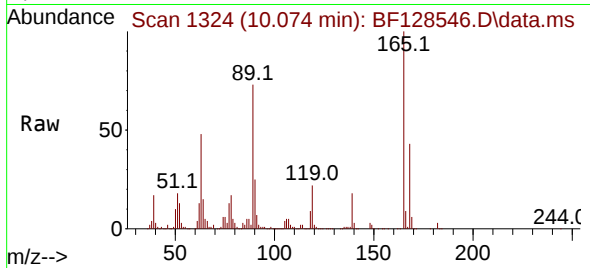
Tgt Ion:139 Resp: 481908
Ion Ratio Lower Upper
139 100
109 82.7 50.7 90.7
65 116.2 74.5 114.5#





#57
2,4-Dinitrotoluene
Concen: 64.026 ng
RT: 10.074 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

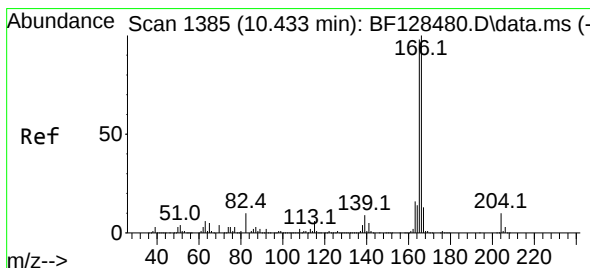
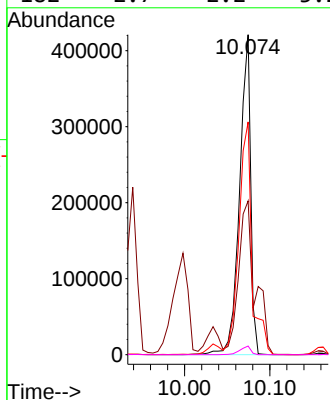
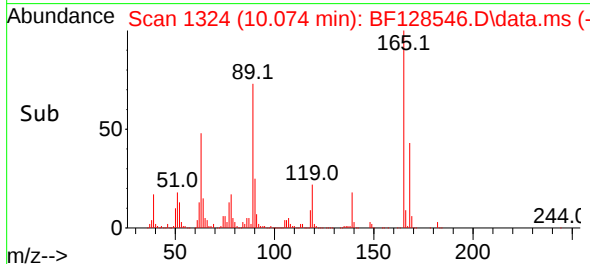
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



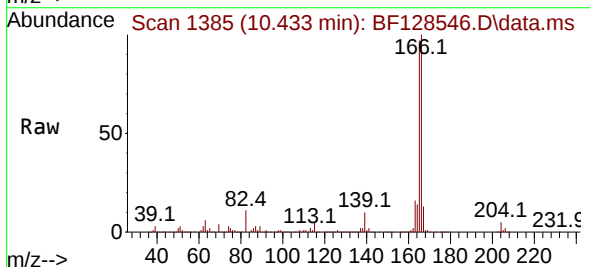
Tgt Ion:165 Resp: 381488
Ion Ratio Lower Upper
165 100
63 48.1 39.8 59.6
89 72.8 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations
APPROVED

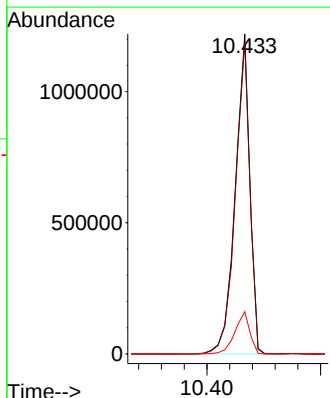
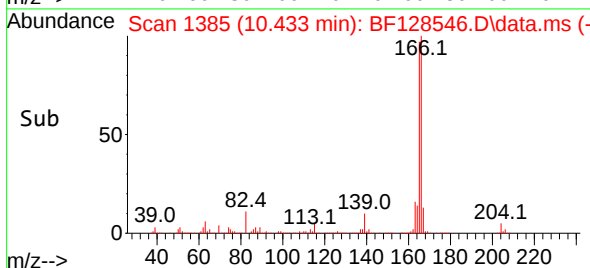
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#58
Fluorene
Concen: 46.275 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



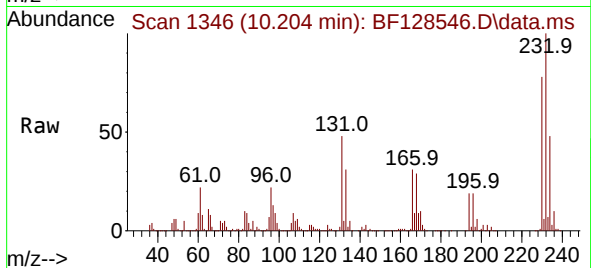
Tgt Ion:166 Resp: 1081822
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.838 ng
RT: 10.204 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

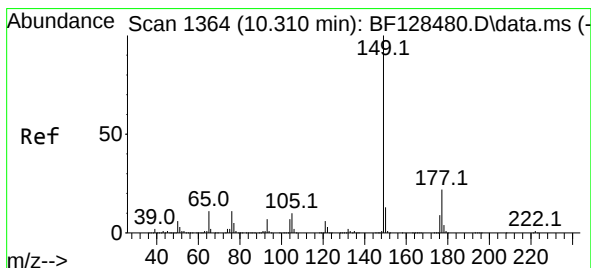
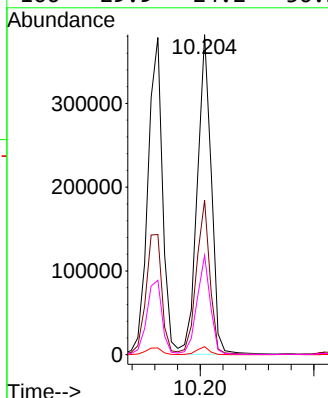
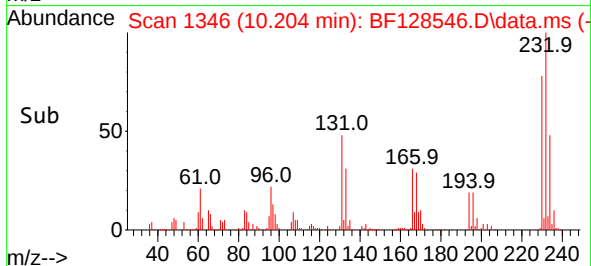
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:232 Resp: 324701
Ion Ratio Lower Upper
232 100
131 47.3 36.1 54.1
130 2.3 1.8 2.8
166 29.9 24.2 36.2

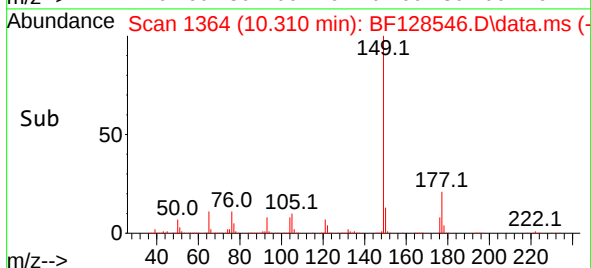
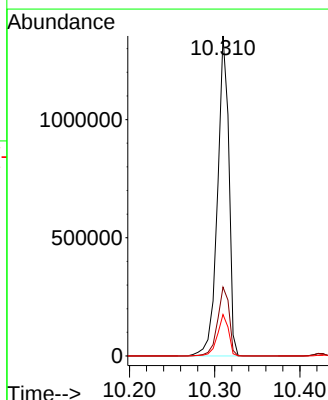
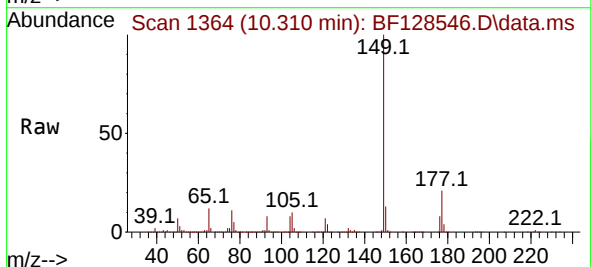
Manual Integrations
APPROVED

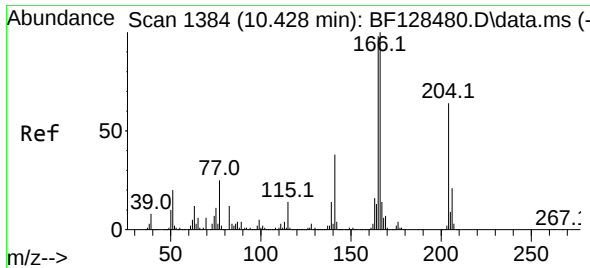
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#60
Diethylphthalate
Concen: 47.542 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

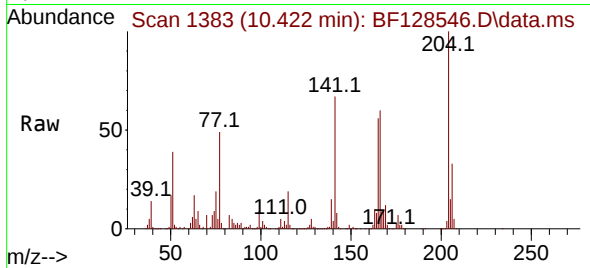
Tgt Ion:149 Resp: 1254984
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.858 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

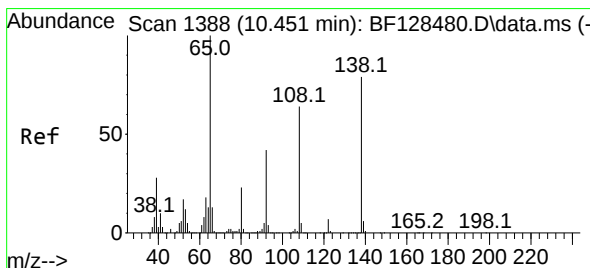
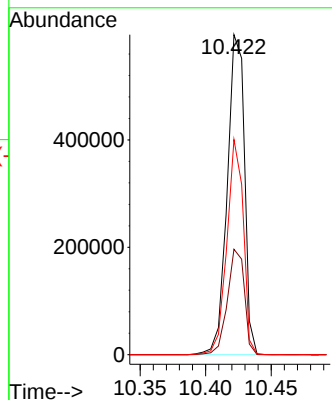
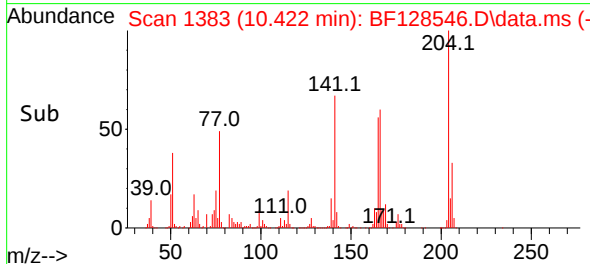
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



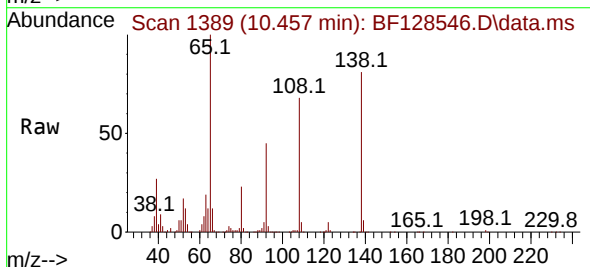
Tgt Ion:204 Resp: 543938
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 67.3 47.0 70.4

Manual Integrations
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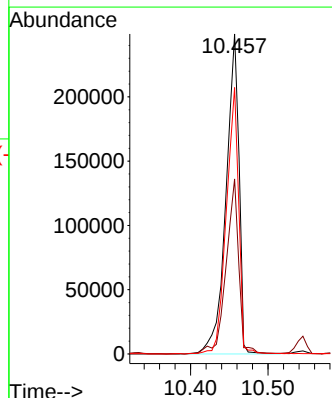
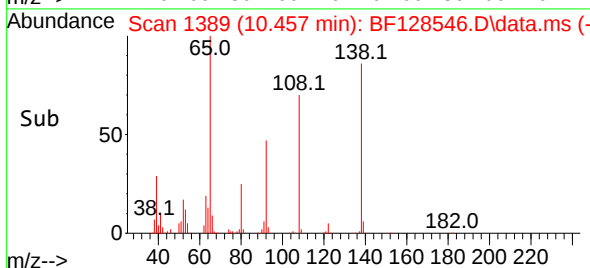
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

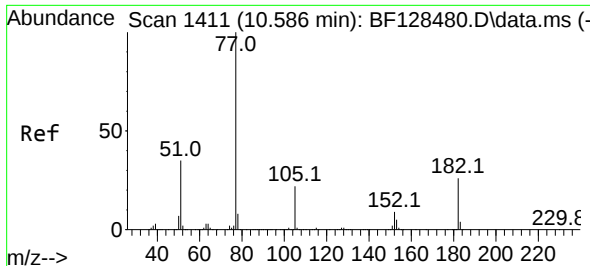


#62
4-Nitroaniline
Concen: 52.976 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



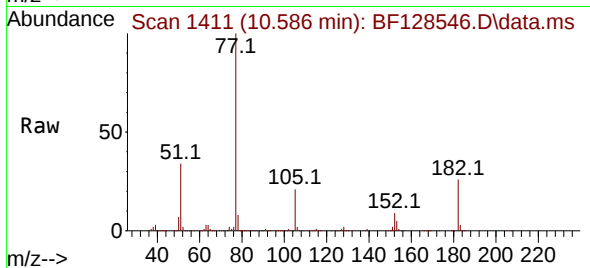
Tgt Ion:138 Resp: 291725
Ion Ratio Lower Upper
138 100
92 54.7 33.5 73.5
108 83.3 61.0 101.0





#63
Azobenzene
Concen: 46.245 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

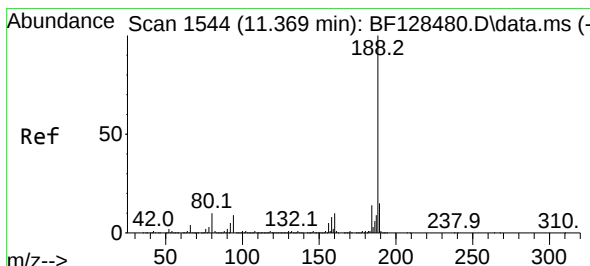
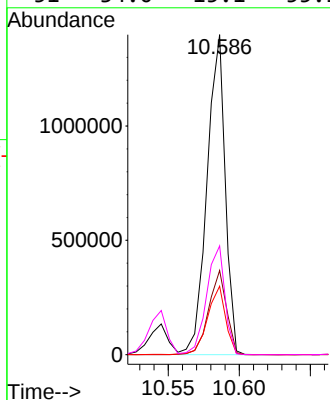
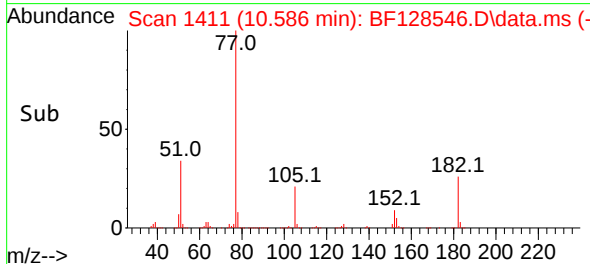
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion: 77 Resp: 1242798
Ion Ratio Lower Upper
77 100
182 26.3 5.6 45.6
105 21.4 1.6 41.6
51 34.0 15.1 55.1

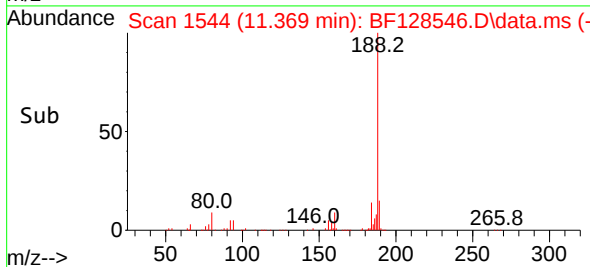
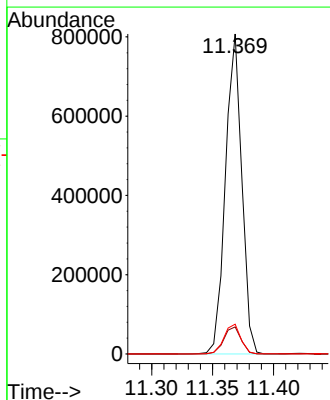
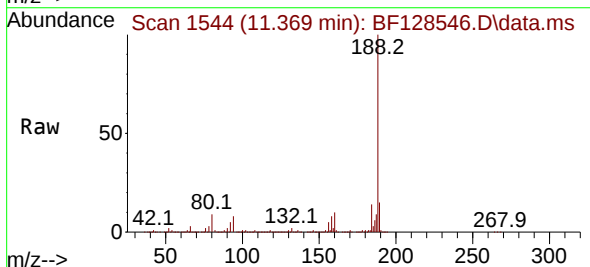
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

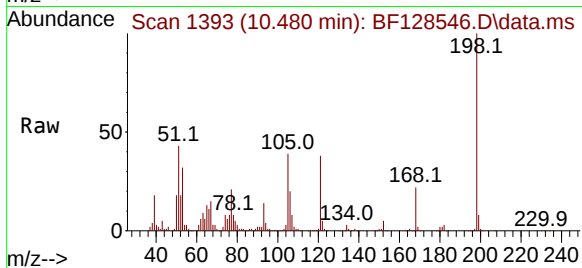
Tgt Ion:188 Resp: 753946
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 48.734 ng
RT: 10.480 min Scan# 1392
Delta R.T. 0.005 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

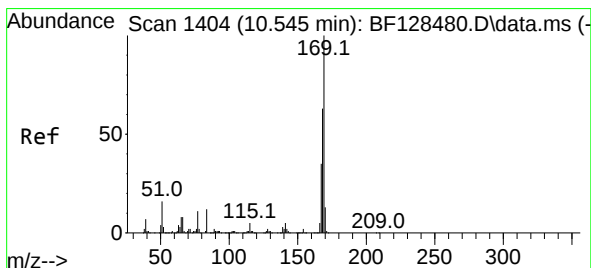
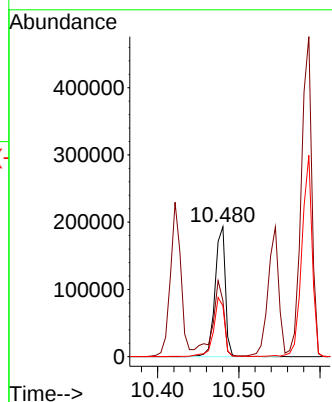
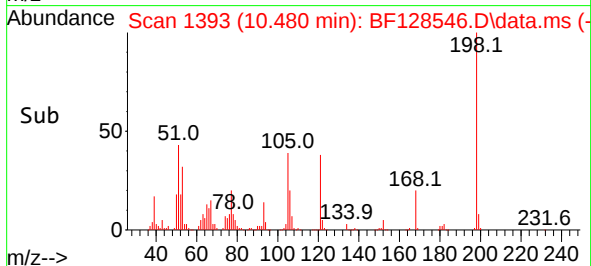
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:198 Resp: 170128
Ion Ratio Lower Upper
198 100
51 43.1 37.6 77.6
105 39.1 27.0 67.0

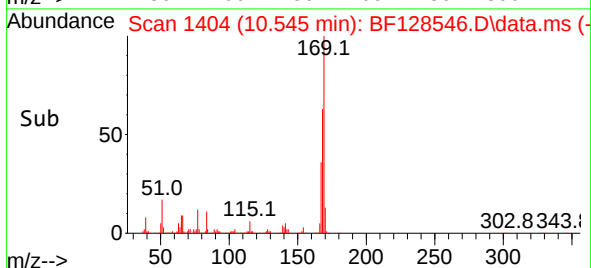
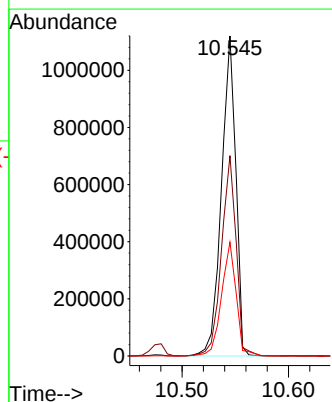
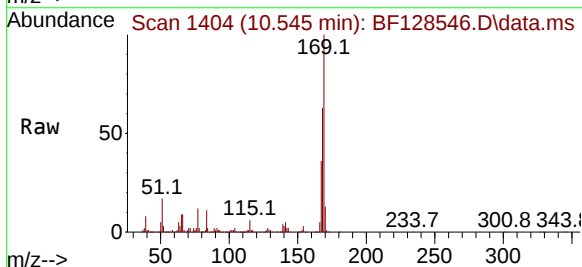
Manual Integrations
APPROVED

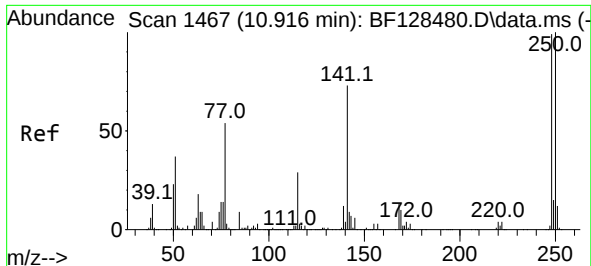
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#66
n-Nitrosodiphenylamine
Concen: 46.317 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

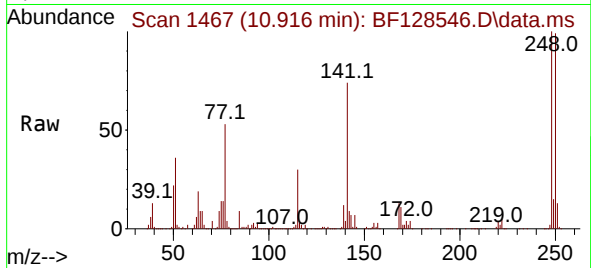
Tgt Ion:169 Resp: 1045483
Ion Ratio Lower Upper
169 100
168 62.6 50.1 75.1
167 35.6 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 46.629 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

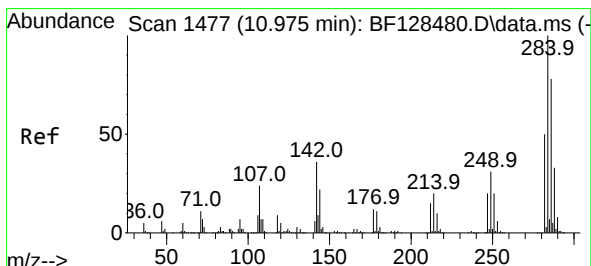
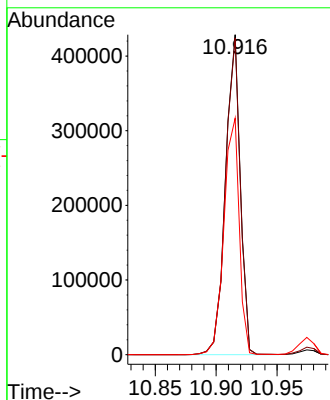
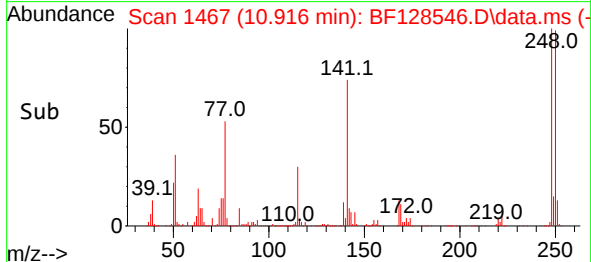
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



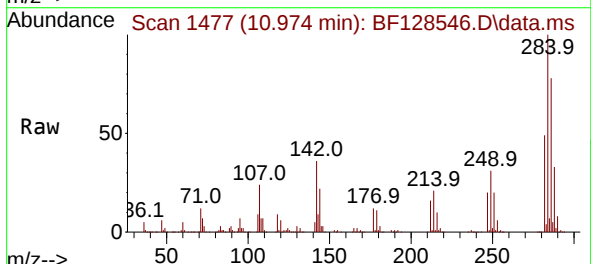
Tgt Ion:248 Resp: 363219
Ion Ratio Lower Upper
248 100
250 99.0 80.6 120.8
141 73.9 58.9 88.3

Manual Integrations
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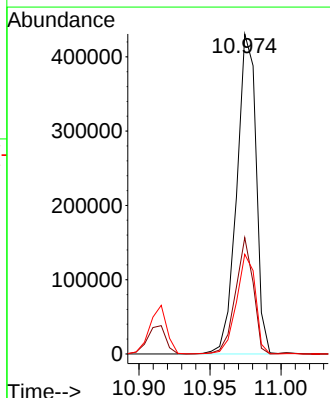
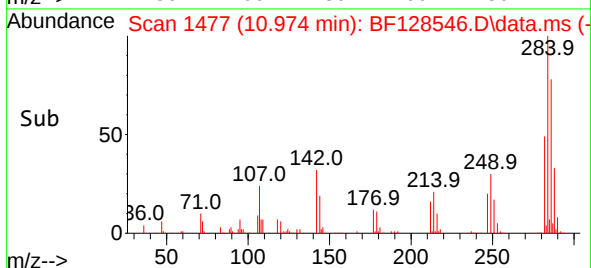
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

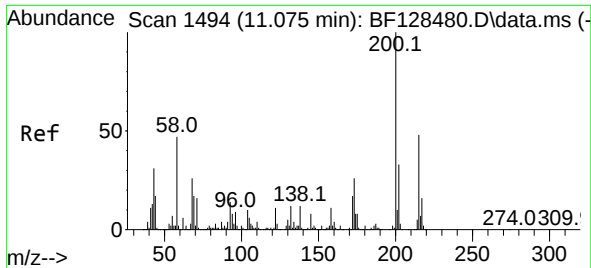


#68
Hexachlorobenzene
Concen: 47.574 ng
RT: 10.974 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



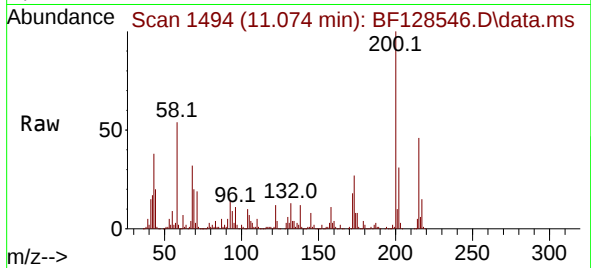
Tgt Ion:284 Resp: 409241
Ion Ratio Lower Upper
284 100
142 36.4 29.0 43.4
249 31.2 25.0 37.6





#69
 Atrazine
 Concen: 49.706 ng
 RT: 11.074 min Scan# 1494
 Delta R.T. -0.000 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

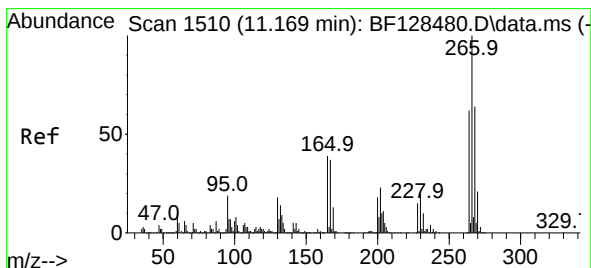
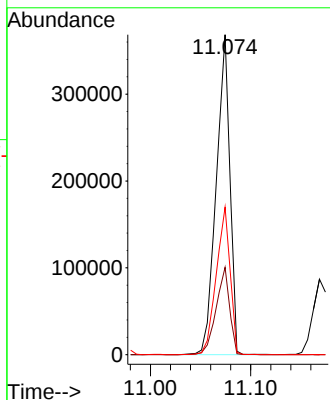
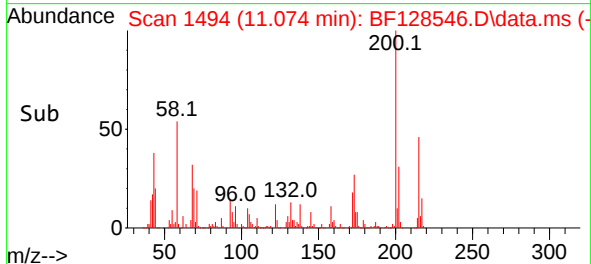
Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01MSD



Tgt Ion:200 Resp: 348219
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.3 46.3
 215 46.1 28.3 68.3

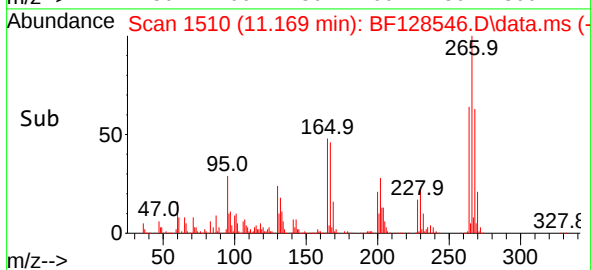
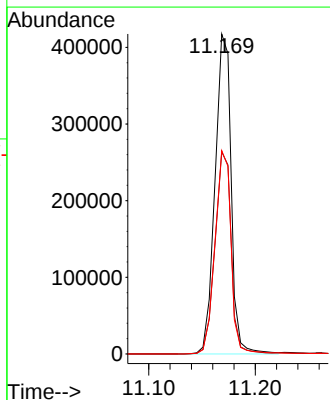
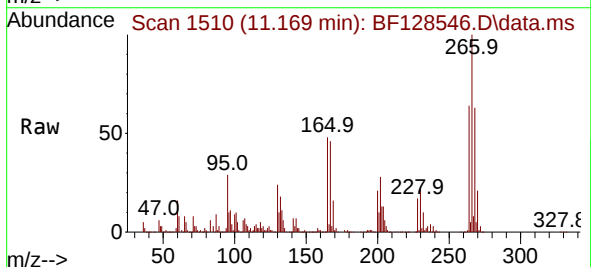
Manual Integrations
 APPROVED

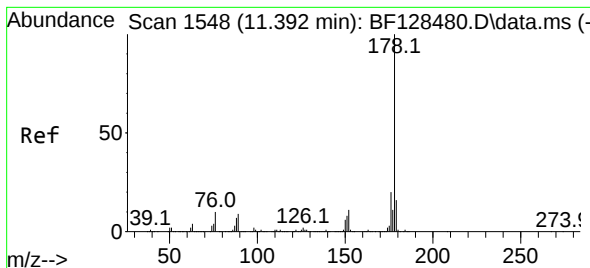
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#70
 Pentachlorophenol
 Concen: 83.638 ng
 RT: 11.169 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

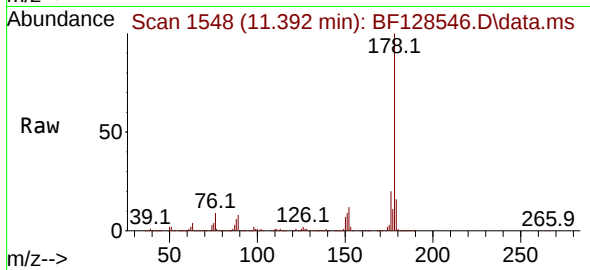
Tgt Ion:266 Resp: 438434
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.4
 264 63.6 49.4 74.2





#71
Phenanthrene
Concen: 45.651 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

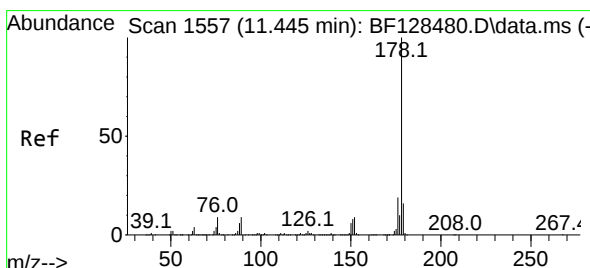
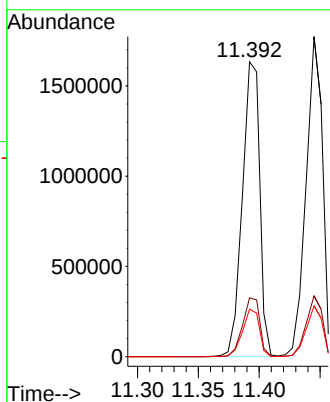
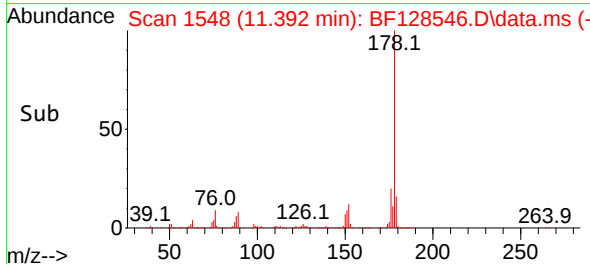
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



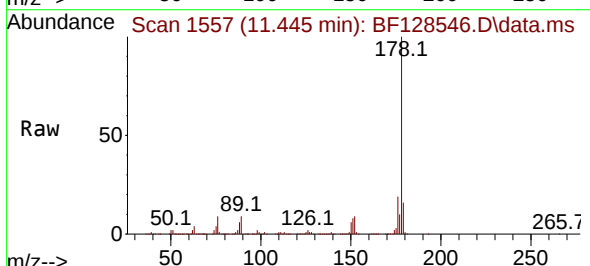
Tgt Ion:178 Resp: 1630432
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.1 12.6 19.0

Manual Integrations
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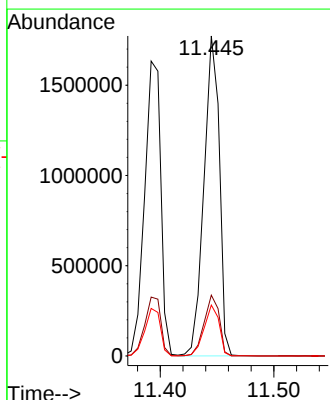
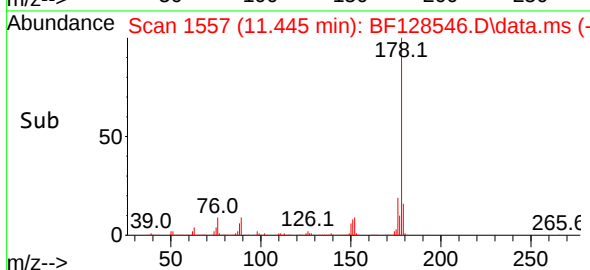
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

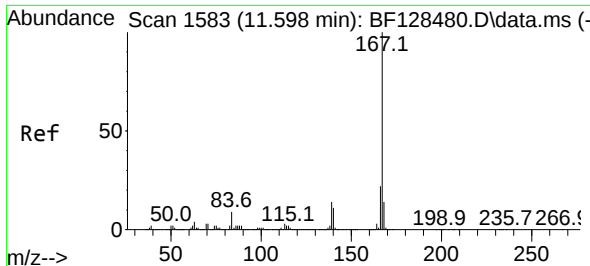


#72
Anthracene
Concen: 46.774 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



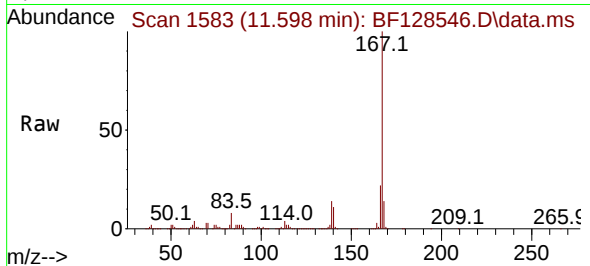
Tgt Ion:178 Resp: 1668665
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 43.694 ng
 RT: 11.598 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

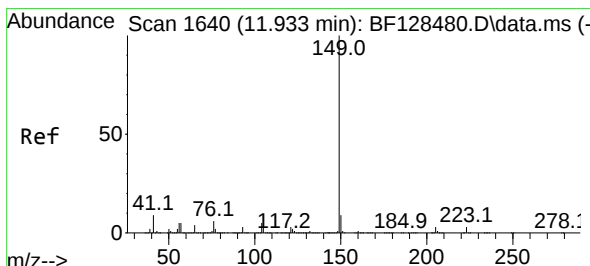
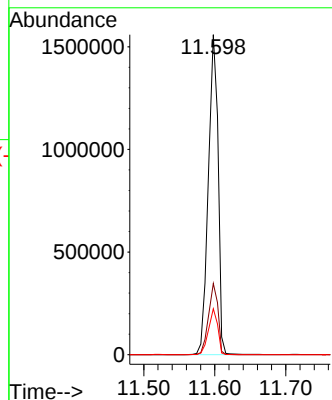
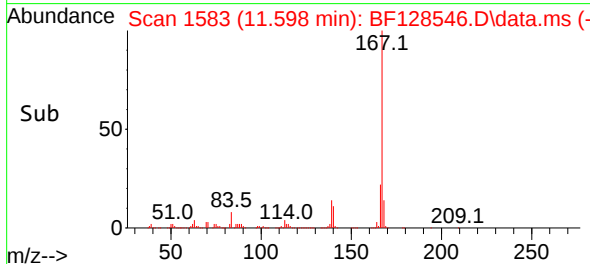
Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01MSD



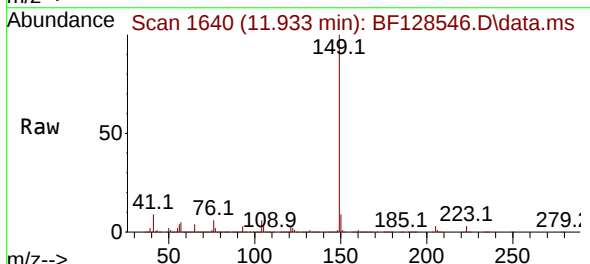
Tgt Ion:167 Resp: 1493872
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.4 11.2 16.8

Manual Integrations
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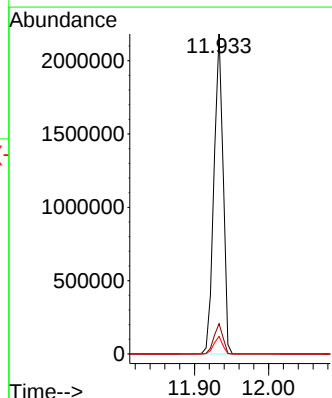
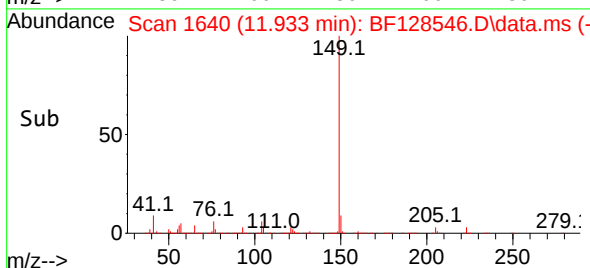
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022

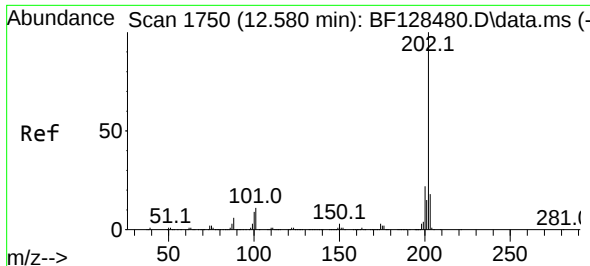


#74
 Di-n-butylphthalate
 Concen: 46.245 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04



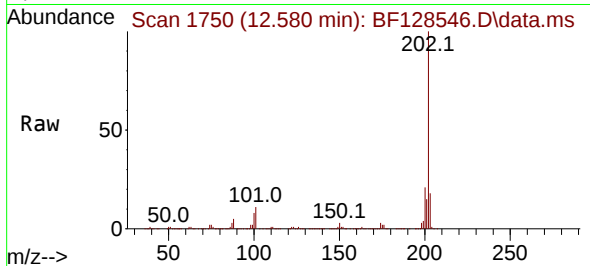
Tgt Ion:149 Resp: 1860926
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 43.958 ng
RT: 12.580 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

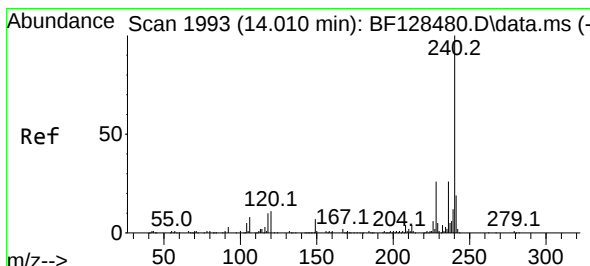
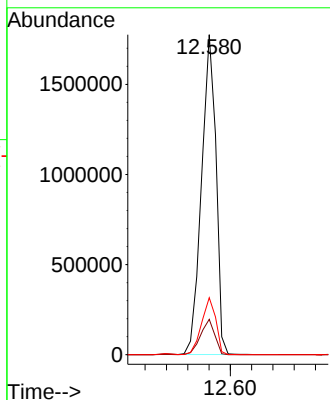
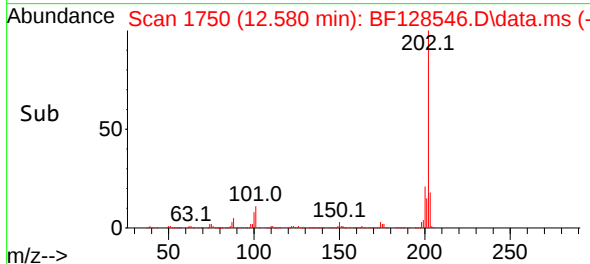
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



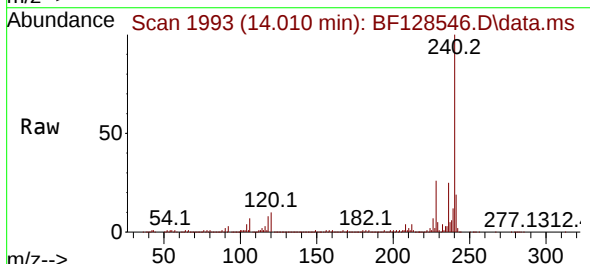
Tgt Ion:202 Resp: 167849
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.8 0.0 38.0

Manual Integrations
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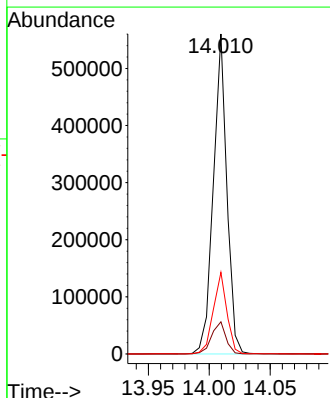
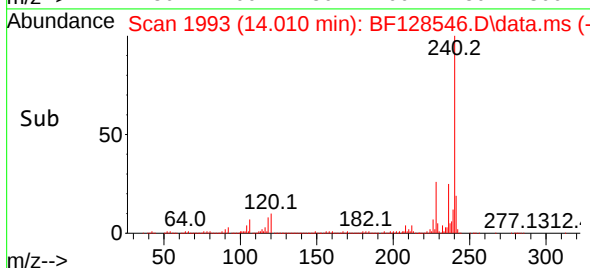
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

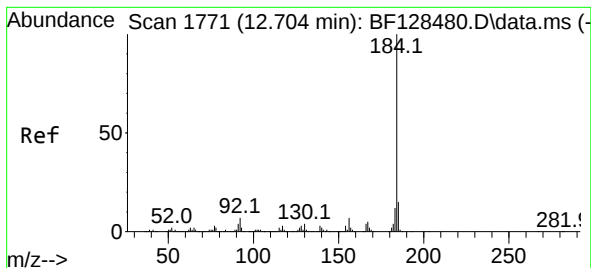


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



Tgt Ion:240 Resp: 431862
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.5 20.8 31.2





#77

Benzidine

Concen: 86.111 ng

RT: 12.704 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

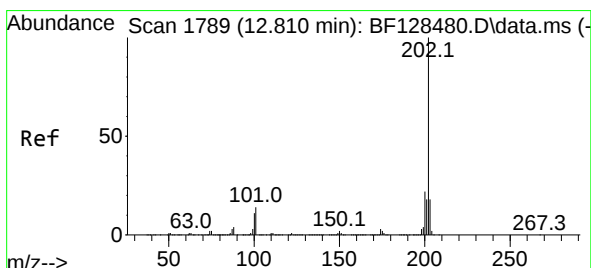
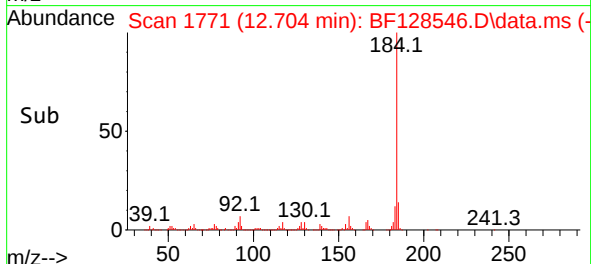
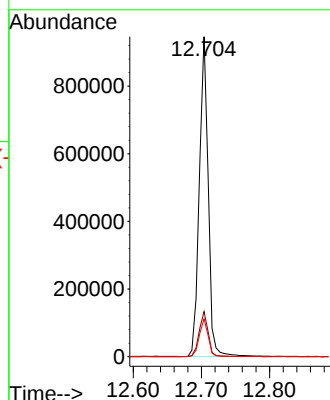
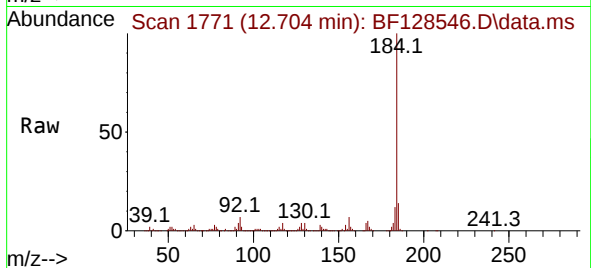
P009-SS003-2430-01MSD

Tgt Ion:184 Resp: 85776

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.9	17.9
183	11.8	9.3	13.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#78

Pyrene

Concen: 51.283 ng

RT: 12.810 min Scan# 1789

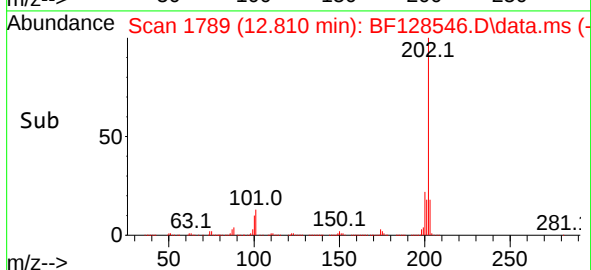
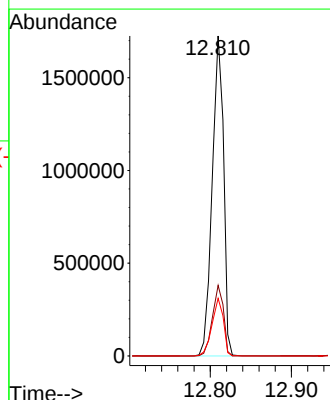
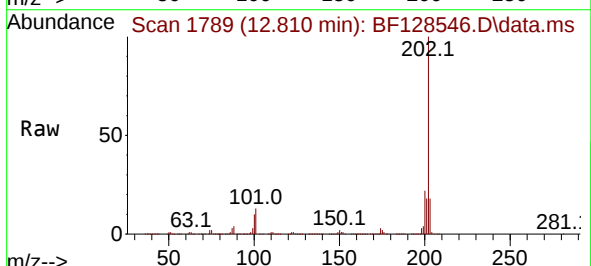
Delta R.T. -0.000 min

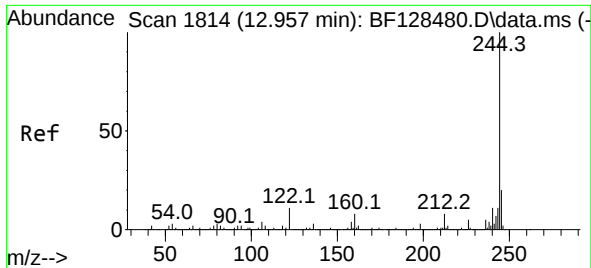
Lab File: BF128546.D

Acq: 28 May 2022 14:04

Tgt Ion:202 Resp: 1668457

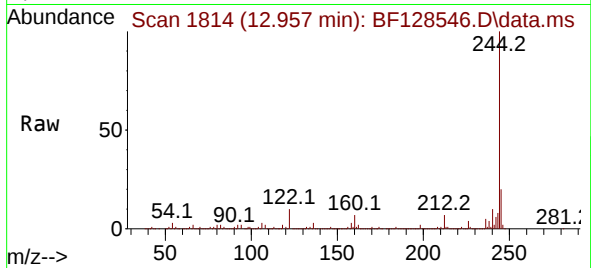
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.0	14.6	21.8





#79
 Terphenyl-d14
 Concen: 80.020 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

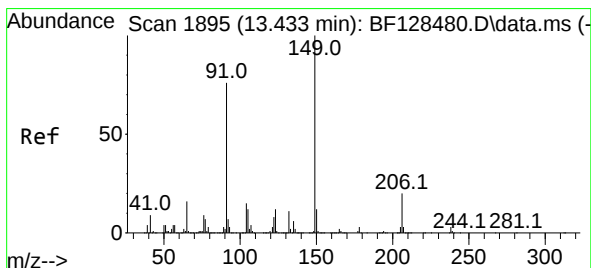
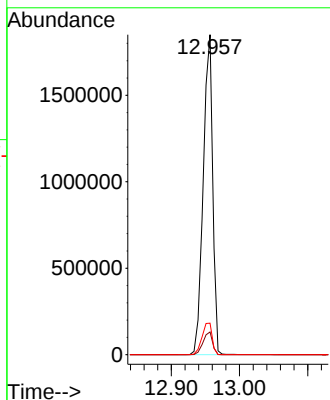
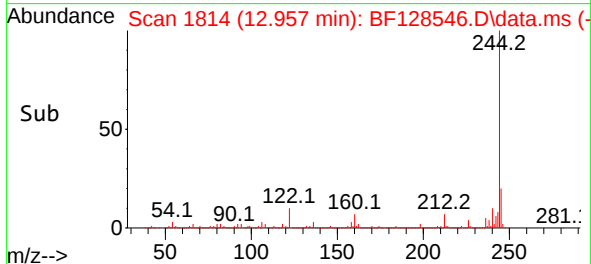
Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01MSD



Tgt Ion:244 Resp: 1788734
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.8 8.8 13.2

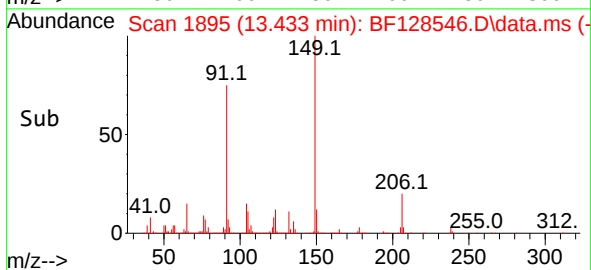
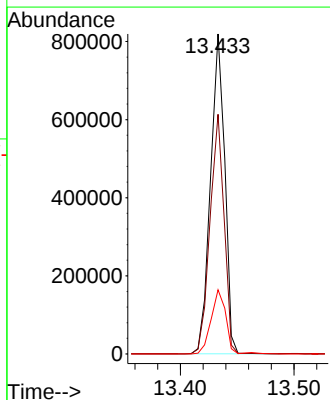
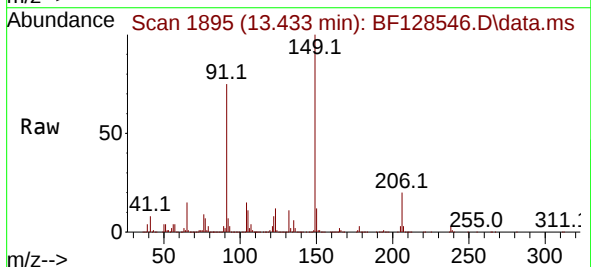
Manual Integrations
 APPROVED

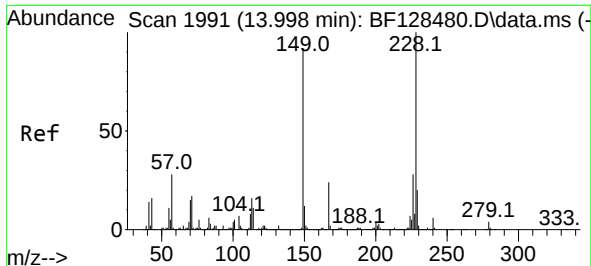
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#80
 Butylbenzylphthalate
 Concen: 51.852 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

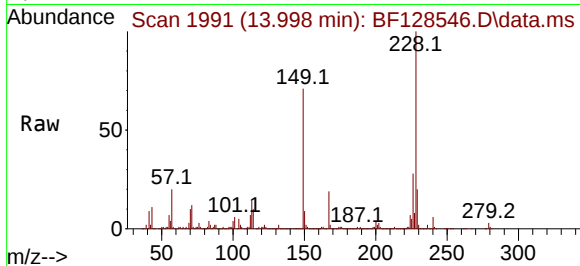
Tgt Ion:149 Resp: 711567
 Ion Ratio Lower Upper
 149 100
 91 74.9 61.2 91.8
 206 20.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.940 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

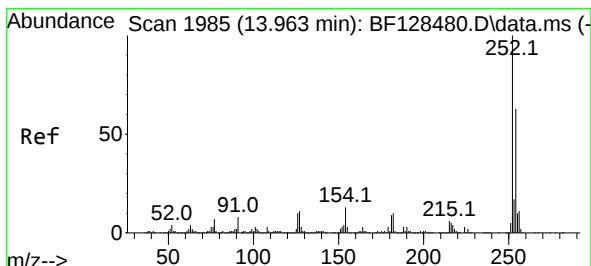
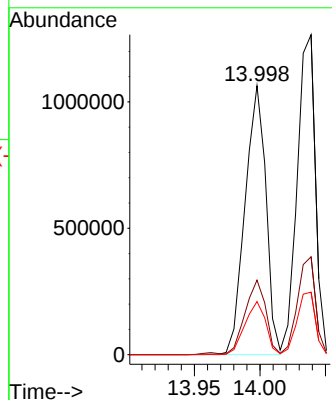
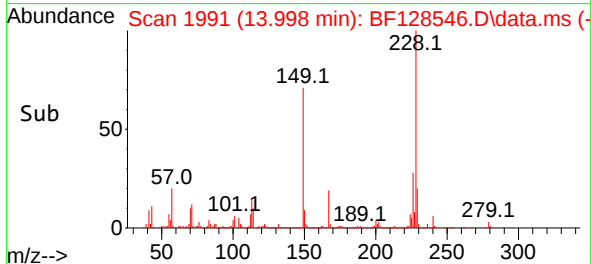
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



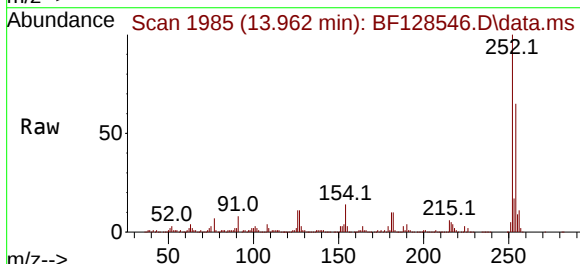
Tgt Ion:228 Resp: 1179210
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.7 15.8 23.8

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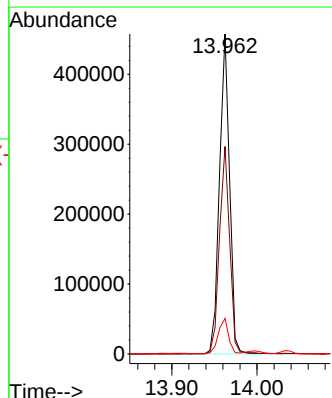
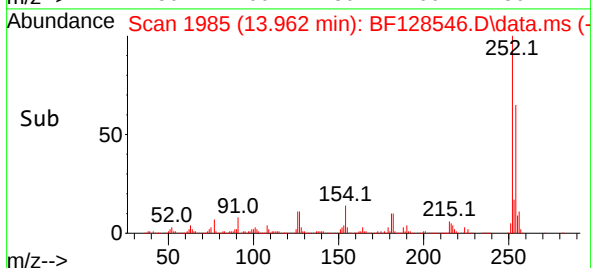
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

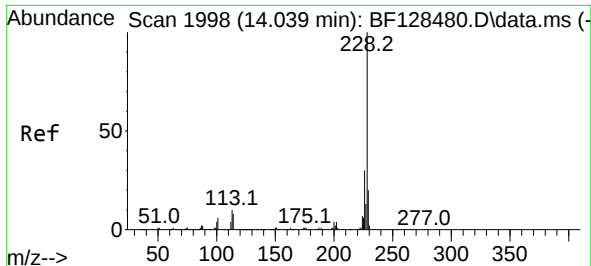


#82
3,3'-Dichlorobenzidine
Concen: 57.451 ng
RT: 13.962 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



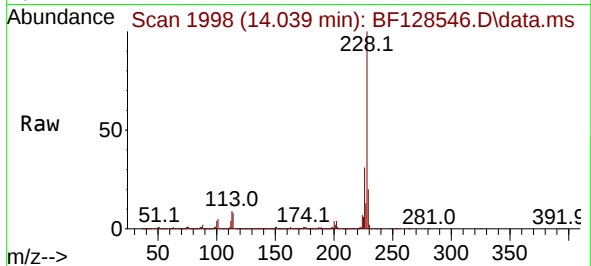
Tgt Ion:252 Resp: 377613
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 11.1 8.2 12.4





#83
Chrysene
Concen: 46.326 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

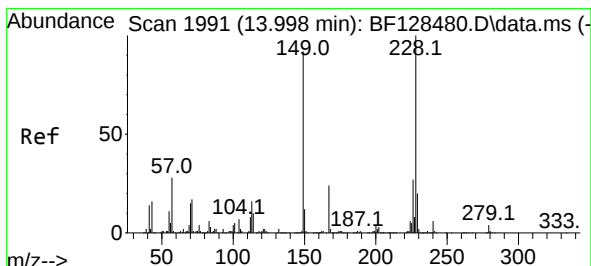
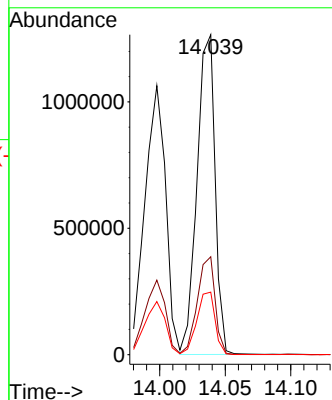
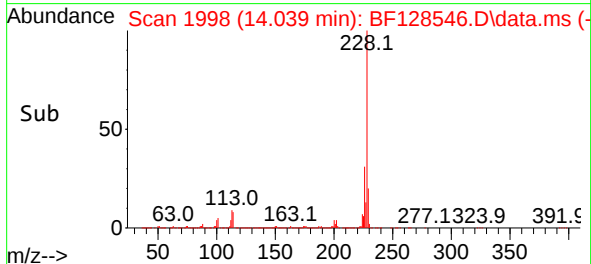
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



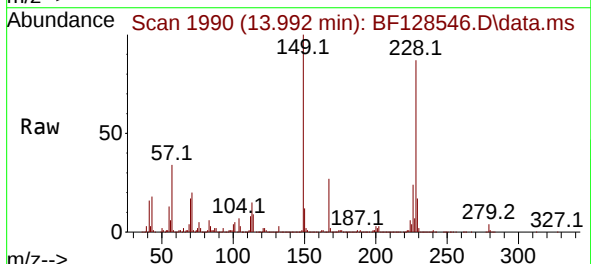
Tgt Ion:228 Resp: 121780
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.6 15.9 23.9

Manual Integrations
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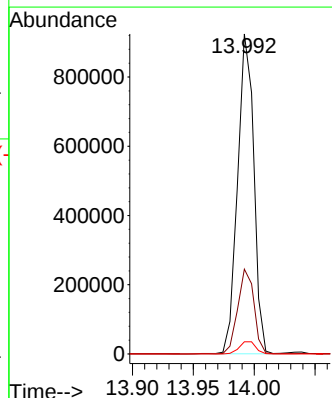
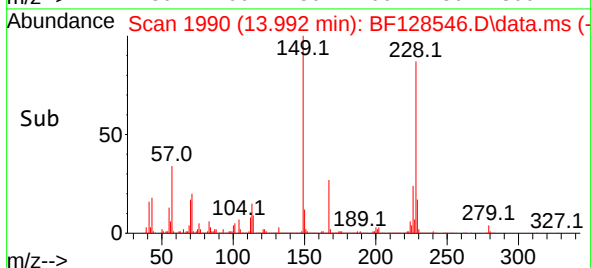
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

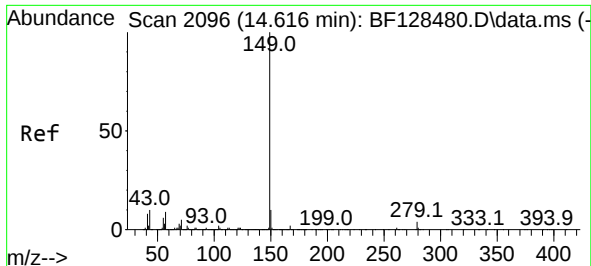


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.509 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



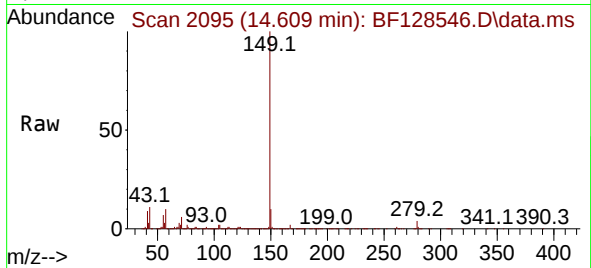
Tgt Ion:149 Resp: 854932
Ion Ratio Lower Upper
149 100
167 26.5 21.0 31.4
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.811 ng
RT: 14.609 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

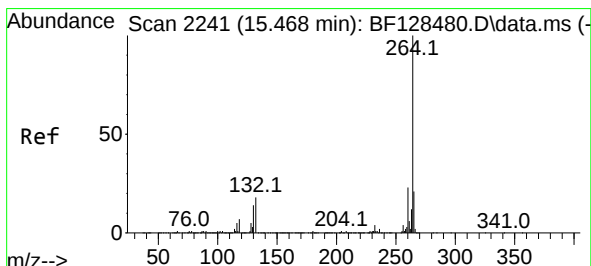
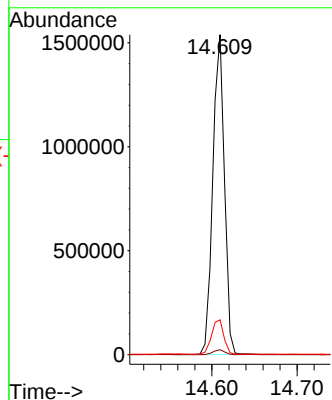
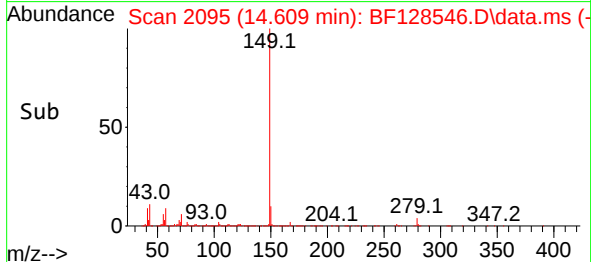
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:149 Resp: 145530
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.3 9.2 13.8

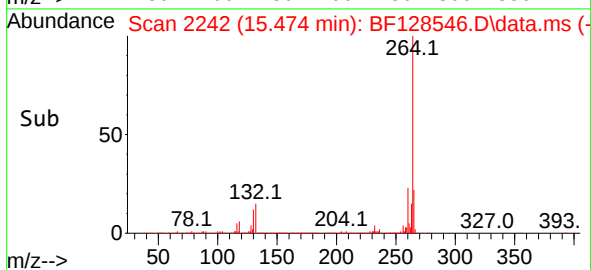
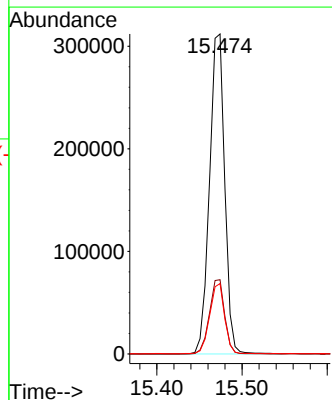
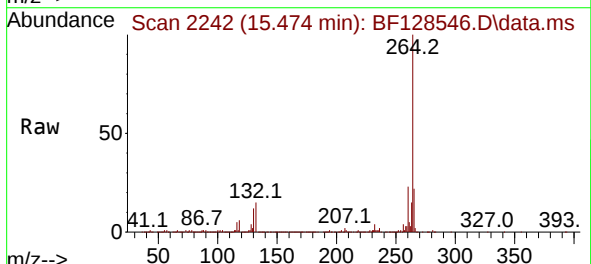
Manual Integrations
APPROVED

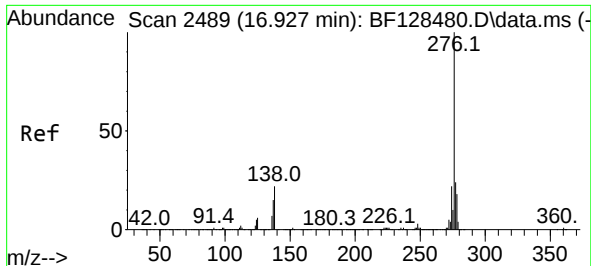
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

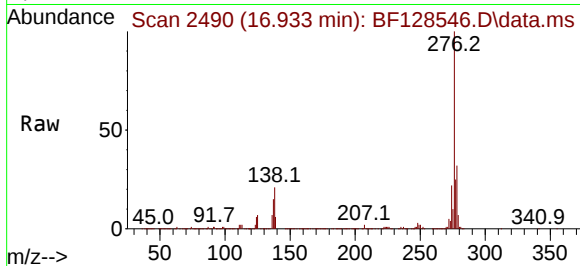
Tgt Ion:264 Resp: 387091
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 22.0 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.695 ng
 RT: 16.933 min Scan# 2489
 Delta R.T. 0.006 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

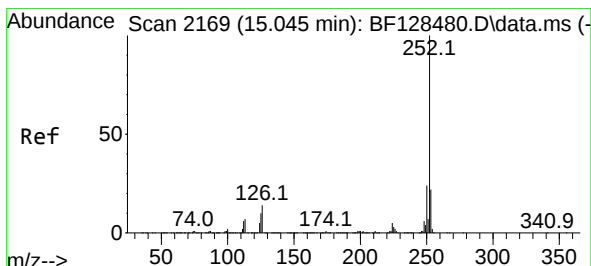
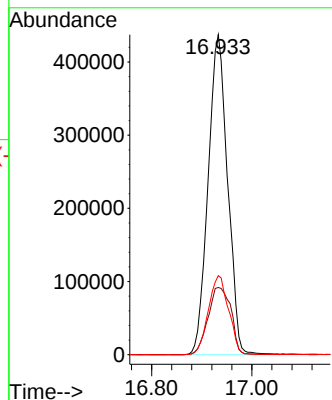
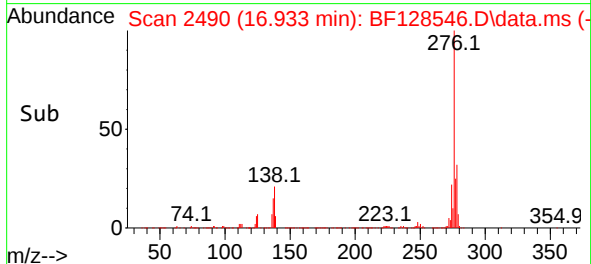
Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01MSD



Tgt Ion: 276 Resp: 1180244
 Ion Ratio Lower Upper
 276 100
 138 24.8 21.1 31.7
 277 25.8 20.3 30.5

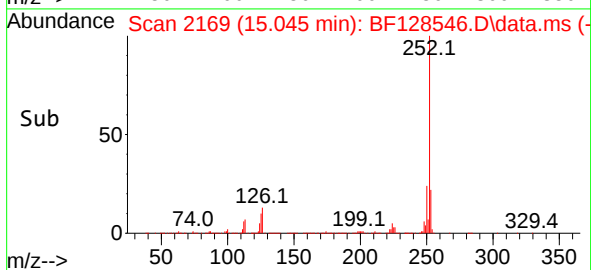
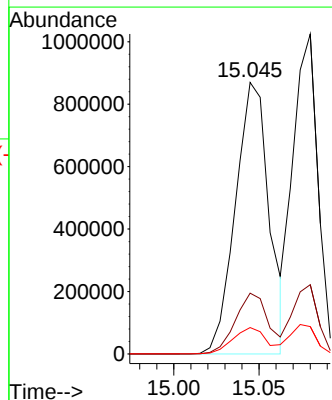
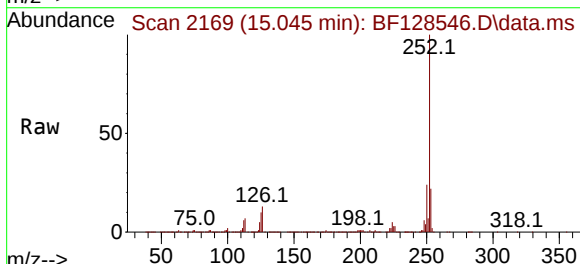
Manual Integrations
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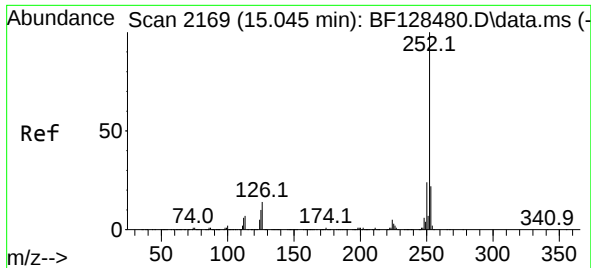
Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022



#88
 Benzo(b)fluoranthene
 Concen: 49.825 ng
 RT: 15.045 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: BF128546.D
 Acq: 28 May 2022 14:04

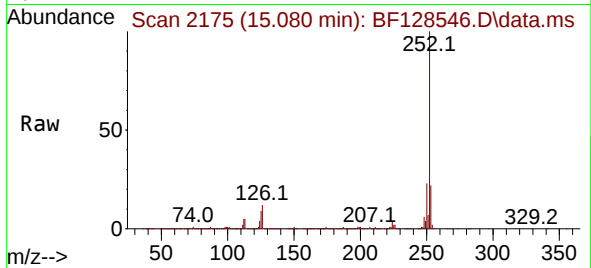
Tgt Ion: 252 Resp: 1199789
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 9.7 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 46.853 ng
RT: 15.080 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

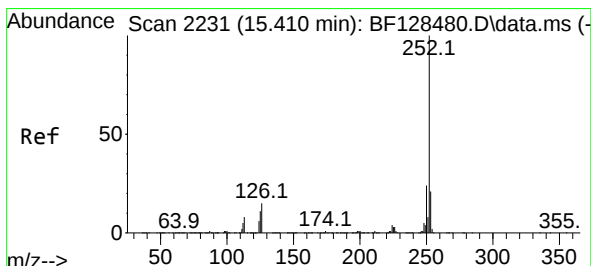
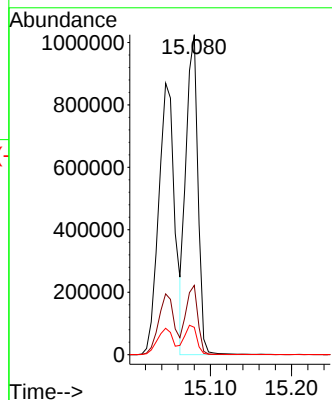
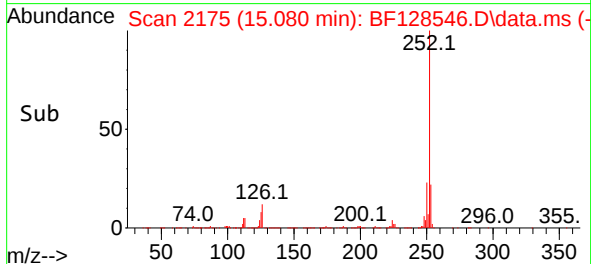
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



Tgt Ion:252 Resp: 104531
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.5 8.3 12.5

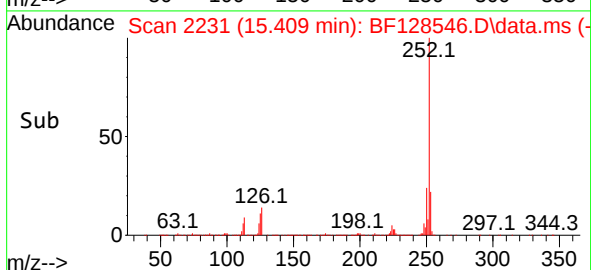
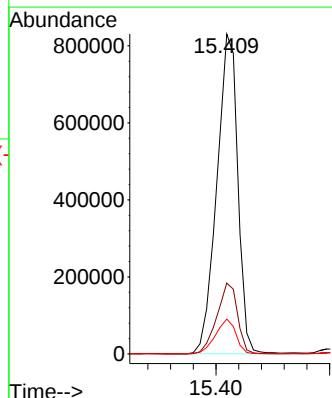
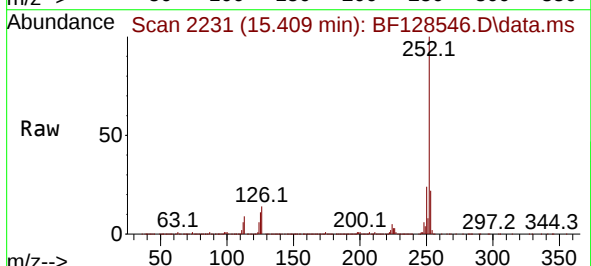
Manual Integrations
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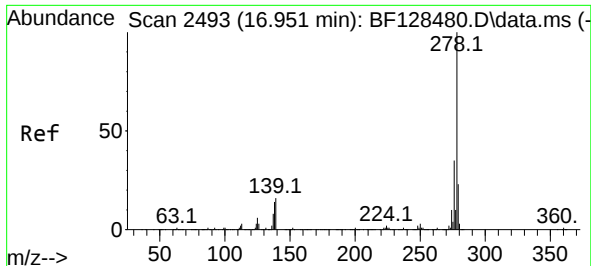
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#90
Benzo(a)pyrene
Concen: 55.211 ng
RT: 15.409 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

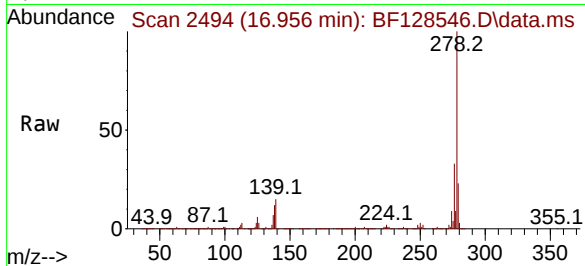
Tgt Ion:252 Resp: 1066645
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 54.861 ng
RT: 16.956 min Scan# 2493
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04

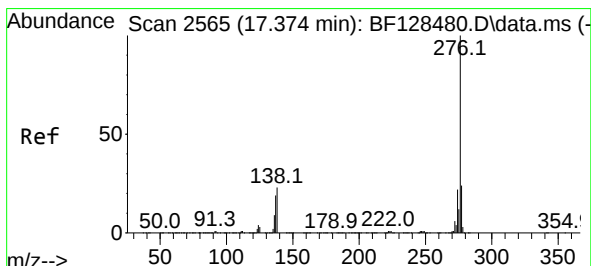
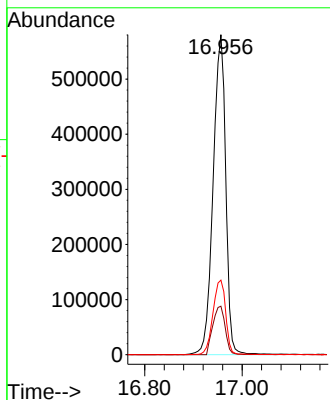
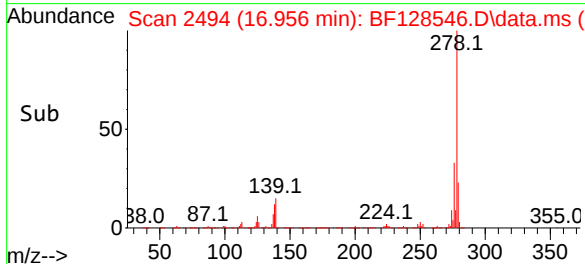
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MSD



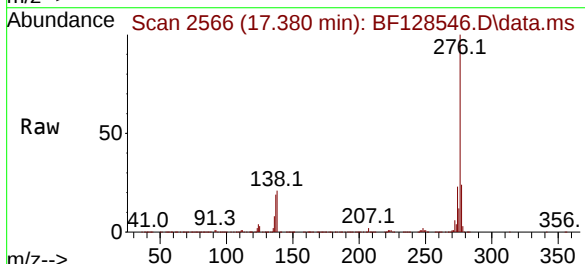
Tgt Ion: 278 Resp: 103851
Ion Ratio Lower Upper
278 100
139 15.2 12.8 19.2
279 23.3 18.6 28.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/29/2022
Supervised By : Jagrut Upadhyay 05/31/2022



#92
Benzo(g,h,i)perylene
Concen: 56.074 ng
RT: 17.380 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF128546.D
Acq: 28 May 2022 14:04



Tgt Ion: 276 Resp: 1052854
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 21.0 18.0 27.0

