

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128398.D
 Acq On : 23 May 2022 14:05
 Operator : CG\JU
 Sample : N2959-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 284MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2022
 Supervised By : Jagrut Upadhyay 05/24/2022

Quant Time: May 24 01:22:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	83759	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	316301	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	170876	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	293764	20.000	ng	0.00
76) Chrysene-d12	14.045	240	190848	20.000	ng	0.00
86) Perylene-d12	15.527	264	197000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	594186	112.892	ng	0.01
7) Phenol-d6	6.498	99	672378	97.015	ng	0.00
23) Nitrobenzene-d5	7.428	82	545270	77.239	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	200051	113.521	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	881238	84.337	ng	0.00
79) Terphenyl-d14	12.974	244	879892	89.001	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	98688	38.278	ng	# 83
3) Pyridine	3.504	79	134685	20.172	ng	98
4) n-Nitrosodimethylamine	3.428	42	139104	43.793	ng	100
6) Aniline	6.528	93	120588	15.212	ng	# 87
8) 2-Chlorophenol	6.651	128	248684	46.212	ng	94
9) Benzaldehyde	6.422	77	89014	20.337	ng	96
10) Phenol	6.510	94	273410	37.096	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	265078	48.191	ng	99
12) 1,3-Dichlorobenzene	6.798	146	271517	44.931	ng	98
13) 1,4-Dichlorobenzene	6.875	146	274049	44.691	ng	98
14) 1,2-Dichlorobenzene	7.028	146	258237	45.418	ng	99
15) Benzyl Alcohol	7.004	79	233647	45.538	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	367140	45.262	ng	79
17) 2-Methylphenol	7.116	107	194662	43.075	ng	96
18) Hexachloroethane	7.363	117	104921	46.188	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	182280	43.975	ng	99
20) 3+4-Methylphenols	7.269	107	232518	42.734	ng	# 58
22) Acetophenone	7.269	105	334133	43.392	ng	# 89
24) Nitrobenzene	7.445	77	297172	44.975	ng	98
25) Isophorone	7.681	82	527583	48.767	ng	99
26) 2-Nitrophenol	7.757	139	130447	45.556	ng	97
27) 2,4-Dimethylphenol	7.798	122	214390	51.423	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	318804	46.625	ng	99
29) 2,4-Dichlorophenol	8.004	162	207076	45.822	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	229885	44.797	ng	99
31) Naphthalene	8.163	128	719872	46.703	ng	100
32) Benzoic acid	7.933	122	122589	41.296	ng	99
33) 4-Chloroaniline	8.222	127	71766	11.635	ng	98
34) Hexachlorobutadiene	8.269	225	146831	44.178	ng	99
35) Caprolactam	8.592	113	55930m	38.343	ng	
36) 4-Chloro-3-methylphenol	8.704	107	218245	44.565	ng	98
37) 2-Methylnaphthalene	8.851	142	469464	46.450	ng	99
38) 1-Methylnaphthalene	8.951	142	439772	45.236	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	232978	46.758	ng	99
41) Hexachlorocyclopentadiene	8.998	237	186070	100.977	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	140891	44.803	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128398.D
 Acq On : 23 May 2022 14:05
 Operator : CG\JU
 Sample : N2959-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 284MSD

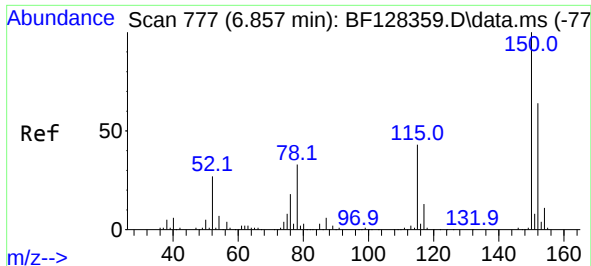
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2022
 Supervised By : Jagrut Upadhyay 05/24/2022

Quant Time: May 24 01:22:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

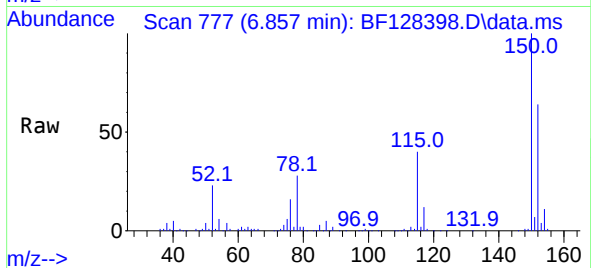
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	146873	43.907	ng	95
46) 1,1'-Biphenyl	9.316	154	584043	47.301	ng	99
47) 2-Chloronaphthalene	9.345	162	429426	46.887	ng	99
48) 2-Nitroaniline	9.451	65	148811	44.848	ng	100
49) Acenaphthylene	9.763	152	665628	48.570	ng	100
50) Dimethylphthalate	9.622	163	496479	45.612	ng	99
51) 2,6-Dinitrotoluene	9.692	165	113988	47.883	ng	95
52) Acenaphthene	9.933	154	403522	46.889	ng	99
53) 3-Nitroaniline	9.863	138	59481	22.197	ng	99
54) 2,4-Dinitrophenol	9.980	184	112374	93.078	ng	90
55) Dibenzofuran	10.110	168	584448	44.794	ng	97
56) 4-Nitrophenol	10.039	139	103709	67.289	ng	99
57) 2,4-Dinitrotoluene	10.098	165	136884	45.638	ng #	76
58) Fluorene	10.451	166	468871	45.853	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	119512	43.496	ng	99
60) Diethylphthalate	10.322	149	472850	45.081	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	227994	45.242	ng	99
62) 4-Nitroaniline	10.486	138	106722m	39.351	ng	
63) Azobenzene	10.598	77	525317	44.697	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	78237	43.333	ng	93
66) n-Nitrosodiphenylamine	10.563	169	405153	47.640	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	145885	47.452	ng	100
68) Hexachlorobenzene	10.998	284	159579	47.740	ng	93
69) Atrazine	11.086	200	103162	36.954	ng	96
70) Pentachlorophenol	11.198	266	120805	89.306	ng	97
71) Phenanthrene	11.416	178	666220	46.471	ng	100
72) Anthracene	11.469	178	681922	47.859	ng	100
73) Carbazole	11.627	167	598276	42.105	ng	100
74) Di-n-butylphthalate	11.945	149	699932	45.094	ng	100
75) Fluoranthene	12.610	202	673062	43.351	ng	98
77) Benzidine	12.739	184	68883	17.354	ng	98
78) Pyrene	12.839	202	676388	47.335	ng	99
80) Butylbenzylphthalate	13.445	149	258905	45.180	ng	100
81) Benzo(a)anthracene	14.033	228	569263	46.882	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	109493	39.515	ng	100
83) Chrysene	14.068	228	528401	45.691	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	338989	44.735	ng	98
85) Di-n-octyl phthalate	14.615	149	537542	44.144	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	630564	56.079	ng	99
88) Benzo(b)fluoranthene	15.092	252	576112	47.012	ng	99
89) Benzo(k)fluoranthene	15.121	252	513586	44.746	ng	98
90) Benzo(a)pyrene	15.468	252	538617	54.751	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	540711	59.932	ng	97
92) Benzo(g,h,i)perylene	17.503	276	581942	61.827	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

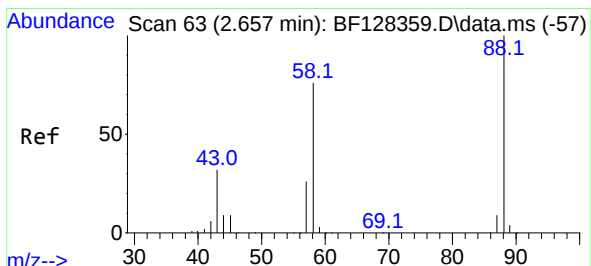
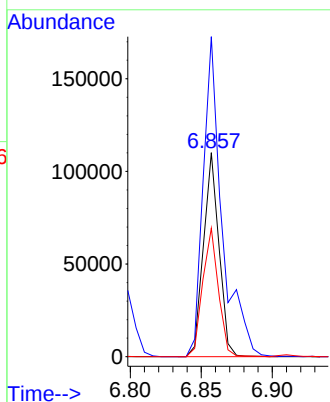
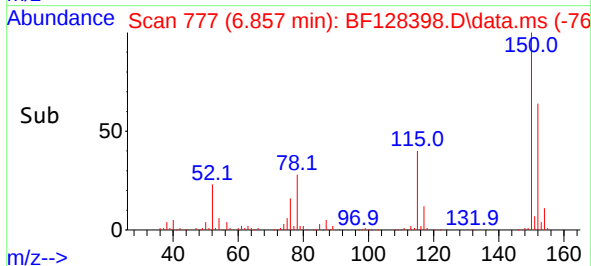
Instrument :
BNA_F
ClientSampleId :
284MSD



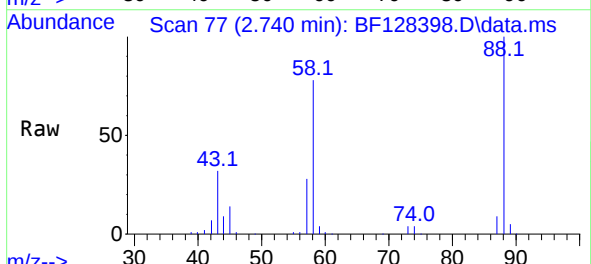
Tgt Ion:152 Resp: 83759
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 62.9 48.8 73.2

Manual Integrations
APPROVED

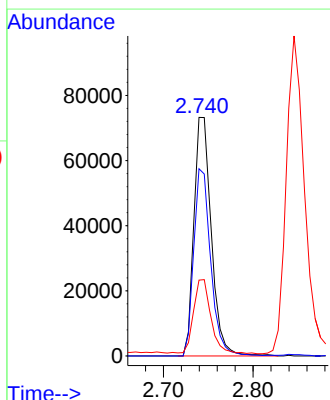
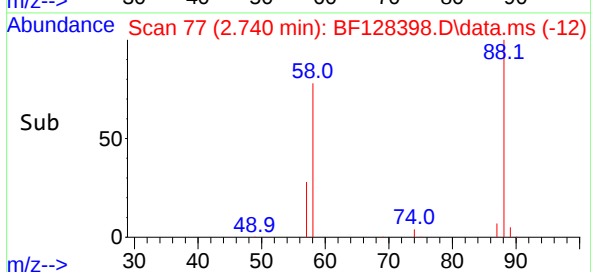
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

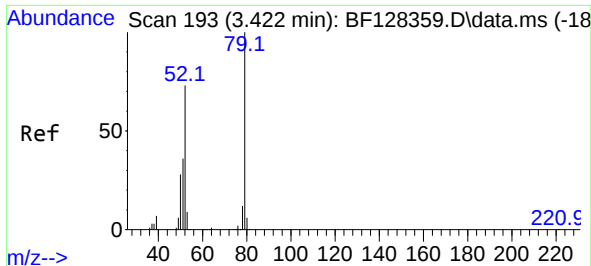


#2
1,4-Dioxane
Concen: 38.278 ng
RT: 2.740 min Scan# 77
Delta R.T. 0.082 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



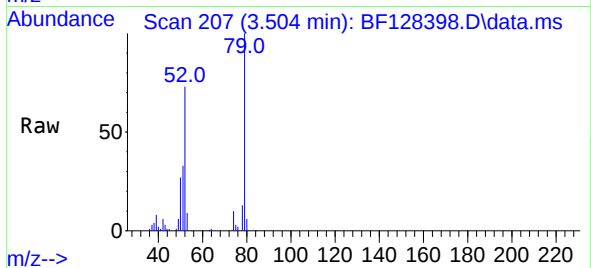
Tgt Ion: 88 Resp: 98688
Ion Ratio Lower Upper
88 100
58 76.8 61.0 91.4
43 0.0 24.9 37.3





#3
Pyridine
Concen: 20.172 ng
RT: 3.504 min Scan# 20
Delta R.T. 0.082 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

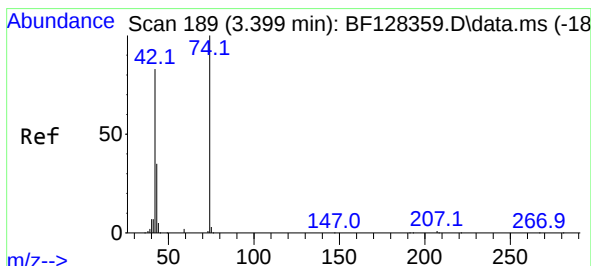
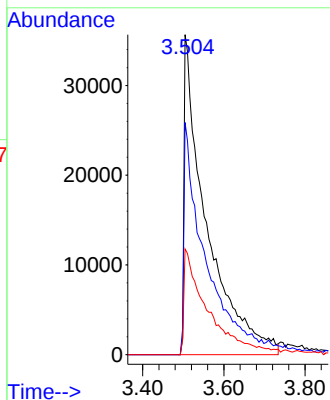
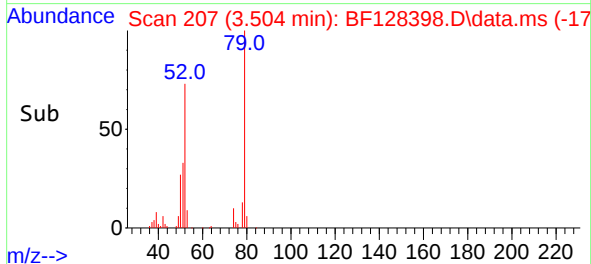
Instrument :
BNA_F
ClientSampleId :
284MSD



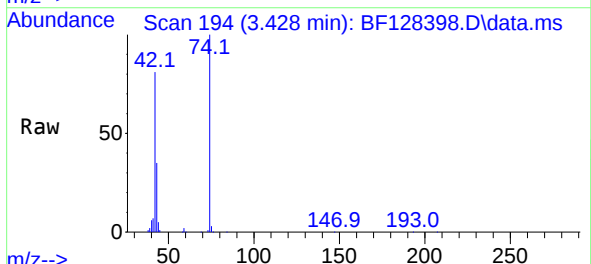
Tgt Ion: 79 Resp: 13468
Ion Ratio Lower Upper
79 100
52 72.5 58.3 87.5
51 33.1 28.6 42.8

Manual Integrations
APPROVED

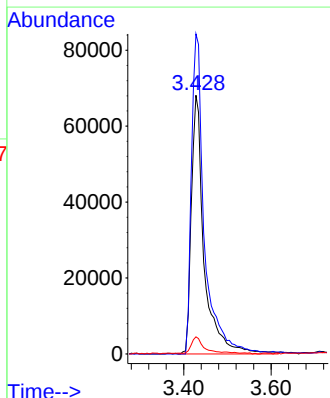
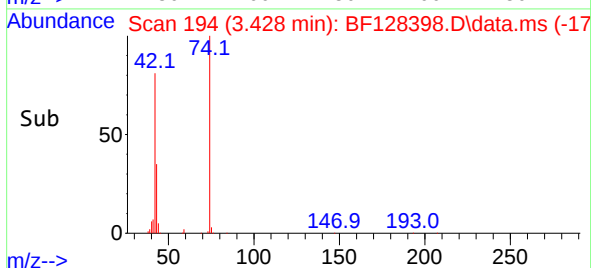
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

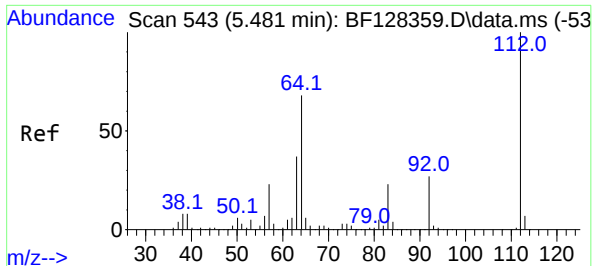


#4
n-Nitrosodimethylamine
Concen: 43.793 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.029 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



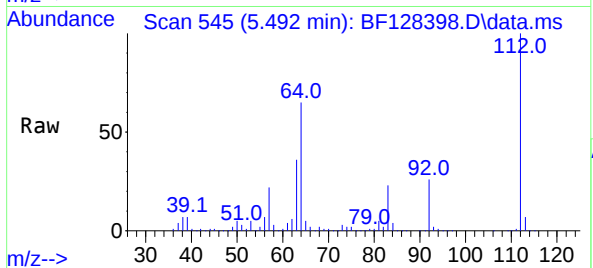
Tgt Ion: 42 Resp: 139104
Ion Ratio Lower Upper
42 100
74 123.7 99.0 148.4
44 6.6 5.2 7.8





#5
2-Fluorophenol
Concen: 112.892 ng
RT: 5.492 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

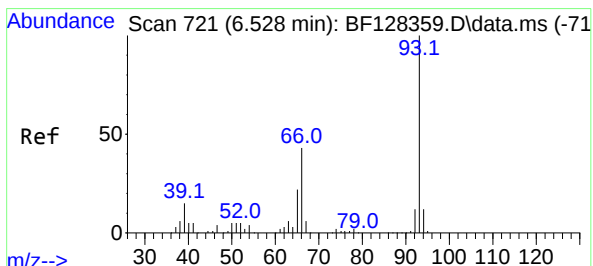
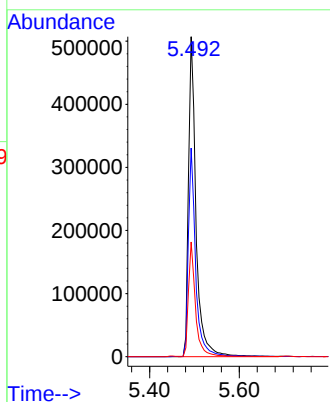
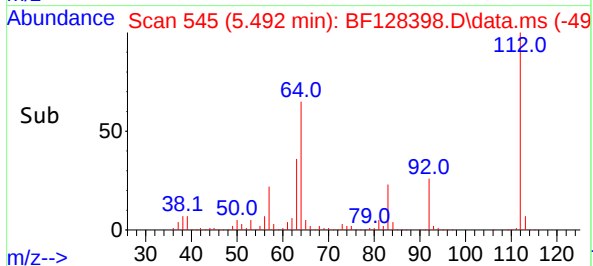
Instrument :
BNA_F
ClientSampleId :
284MSD



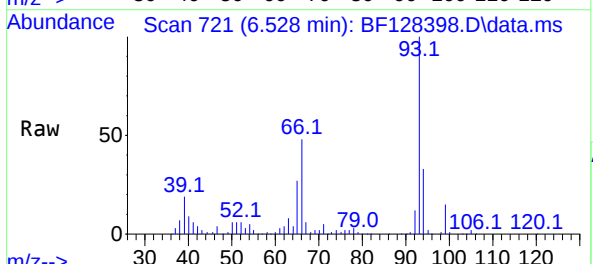
Tgt Ion:112 Resp: 594186
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 35.9 26.3 39.5

Manual Integrations
APPROVED

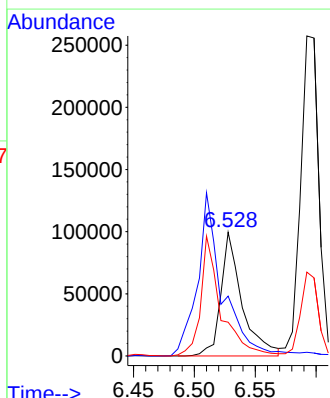
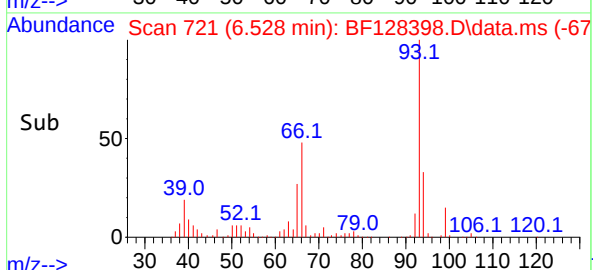
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

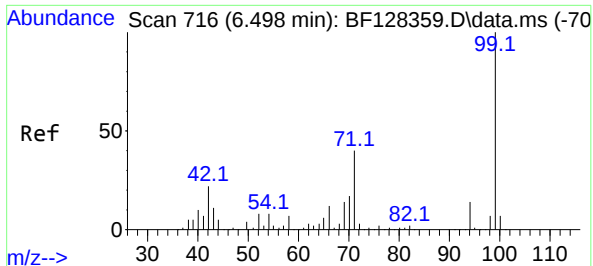


#6
Aniline
Concen: 15.212 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



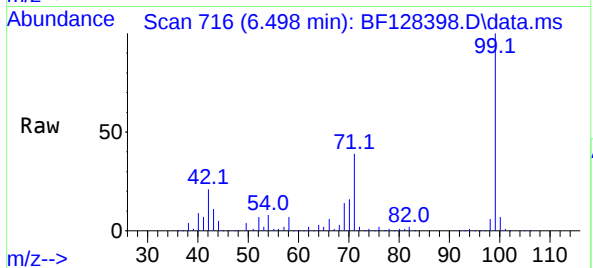
Tgt Ion: 93 Resp: 120588
Ion Ratio Lower Upper
93 100
66 48.4 32.2 48.4#
65 27.3 16.7 25.1#





#7
Phenol-d6
Concen: 97.015 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

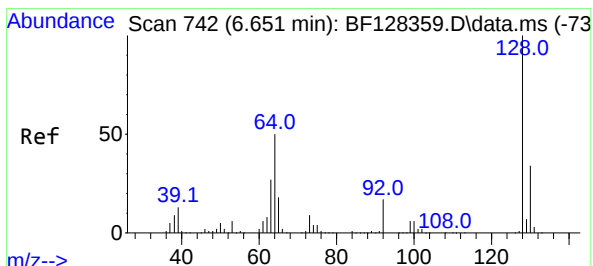
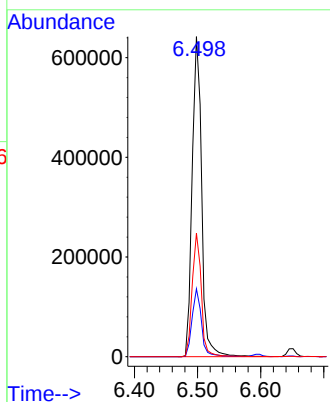
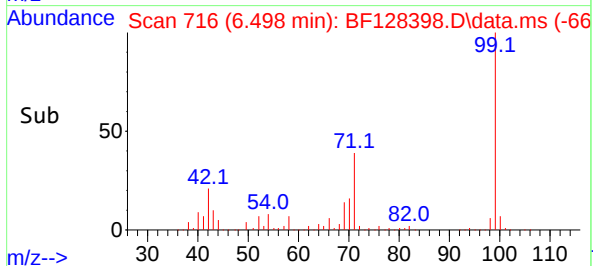
Instrument :
BNA_F
ClientSampleId :
284MSD



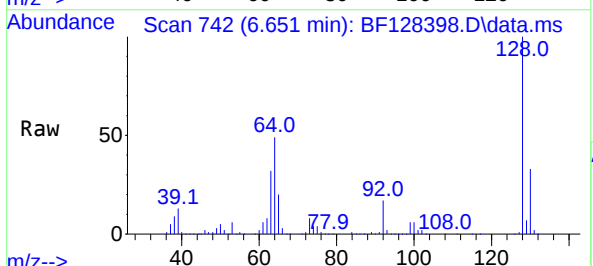
Tgt Ion: 99 Resp: 672378
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.6 30.0 45.0

Manual Integrations
APPROVED

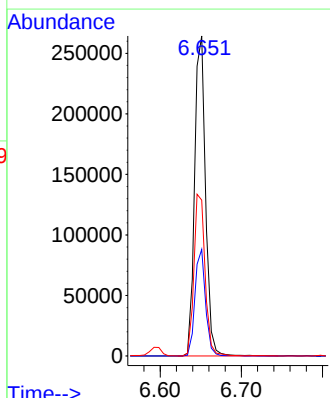
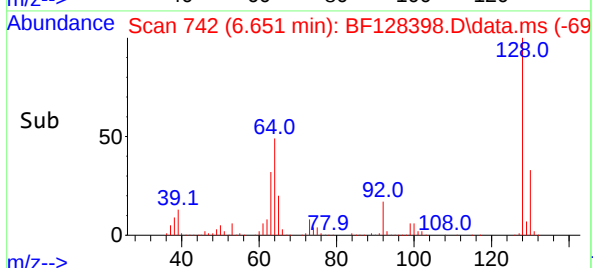
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

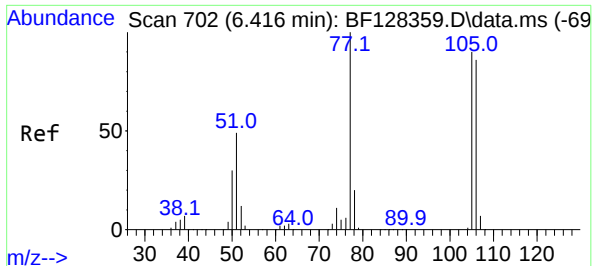


#8
2-Chlorophenol
Concen: 46.212 ng
RT: 6.651 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:128 Resp: 248684
Ion Ratio Lower Upper
128 100
130 33.3 11.6 51.6
64 48.7 33.8 73.8





#9

Benzaldehyde

Concen: 20.337 ng

RT: 6.422 min Scan# 702

Delta R.T. 0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

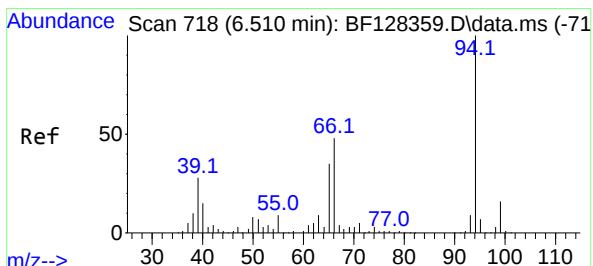
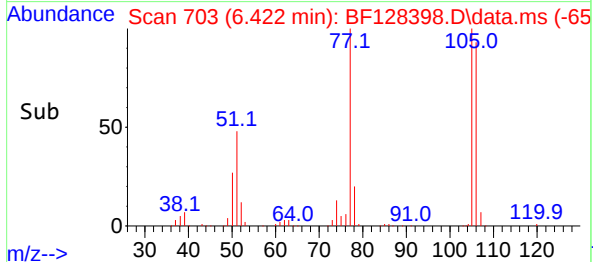
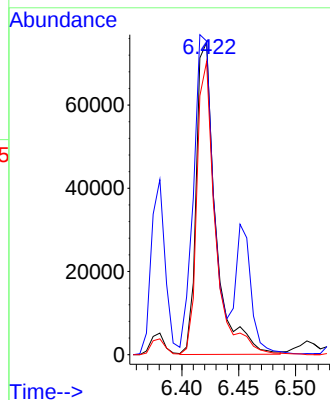
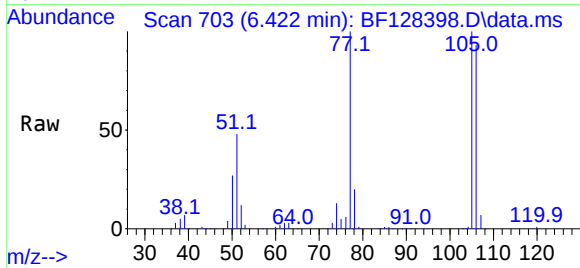
284MSD

Tgt Ion: 77 Resp: 89014
 Ion Ratio Lower Upper
 77 100
 105 100.5 74.9 114.9
 106 93.9 72.2 112.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2022
 Supervised By :Jagrut Upadhyay 05/24/2022



#10

Phenol

Concen: 37.096 ng

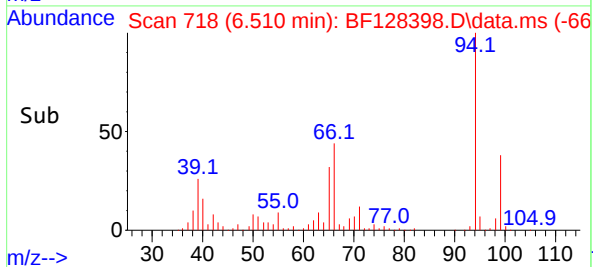
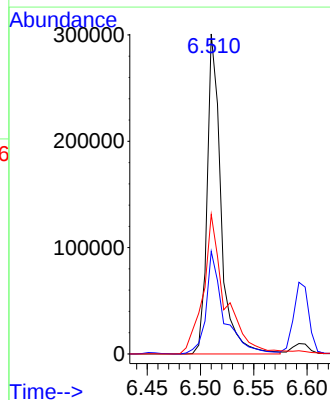
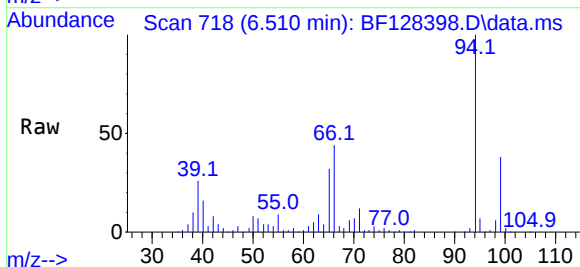
RT: 6.510 min Scan# 718

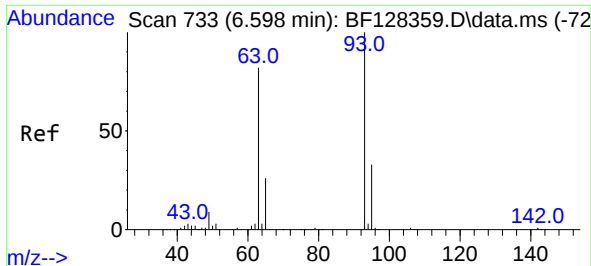
Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

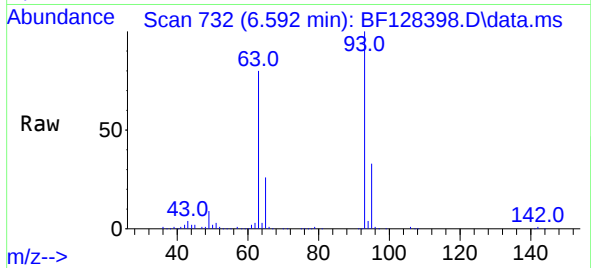
Tgt Ion: 94 Resp: 273410
 Ion Ratio Lower Upper
 94 100
 65 32.0 10.6 50.6
 66 43.6 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 48.191 ng
RT: 6.592 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

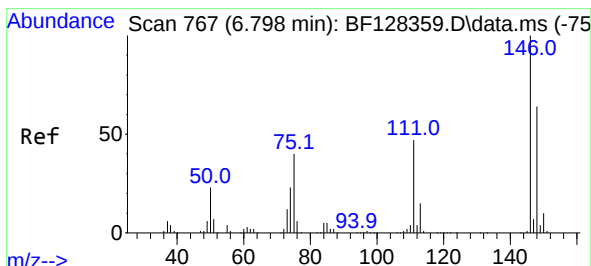
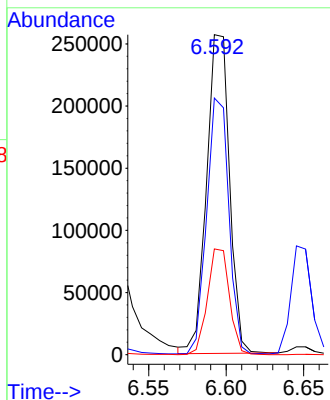
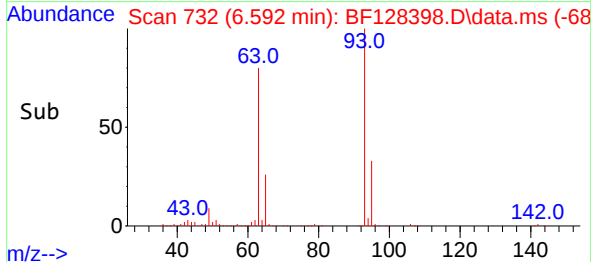
Instrument :
BNA_F
ClientSampleId :
284MSD



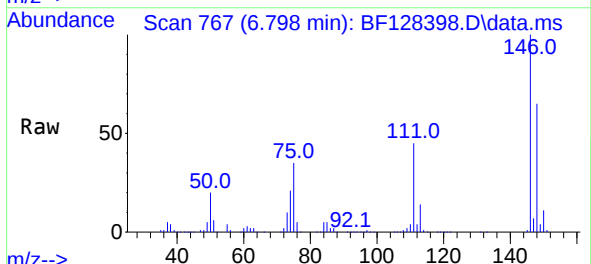
Tgt Ion: 93 Resp: 265078
Ion Ratio Lower Upper
93 100
63 80.2 58.6 98.6
95 33.1 12.9 52.9

Manual Integrations
APPROVED

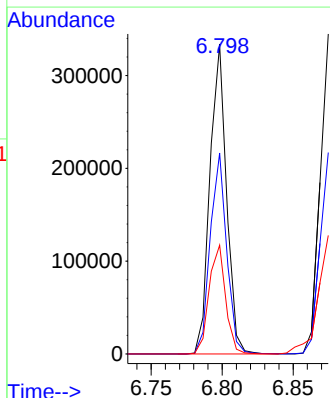
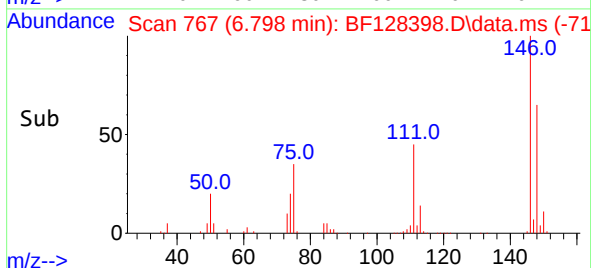
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

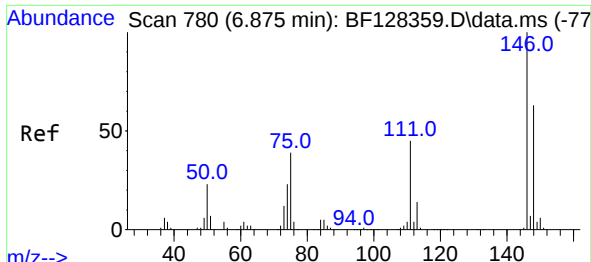


#12
1,3-Dichlorobenzene
Concen: 44.931 ng
RT: 6.798 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



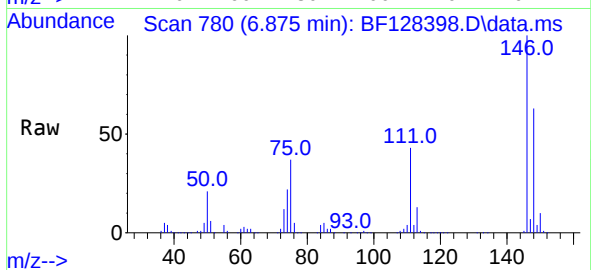
Tgt Ion:146 Resp: 271517
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
75 35.1 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 44.691 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

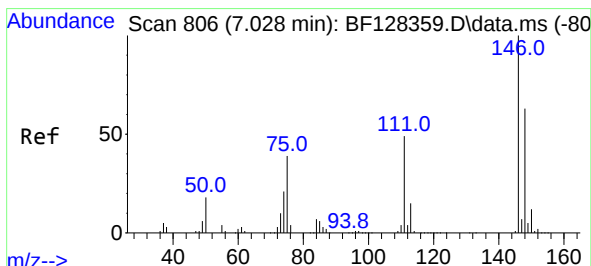
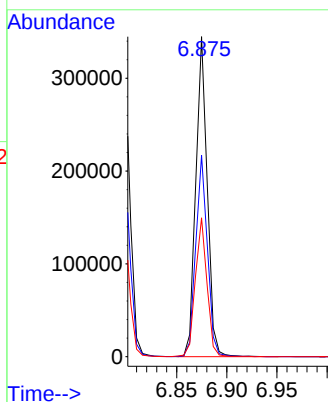
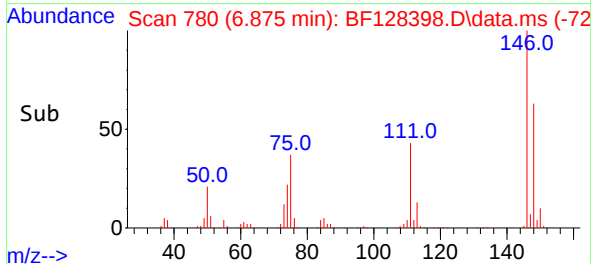
Instrument :
BNA_F
ClientSampleId :
284MSD



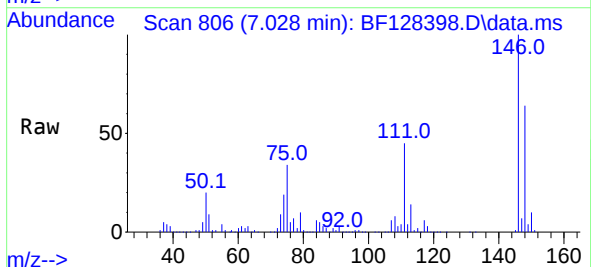
Tgt Ion:146 Resp: 274049
Ion Ratio Lower Upper
146 100
148 63.0 52.3 78.5
111 43.4 33.9 50.9

Manual Integrations
APPROVED

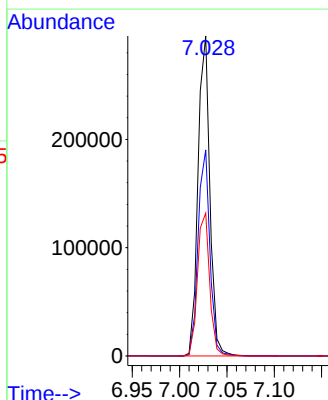
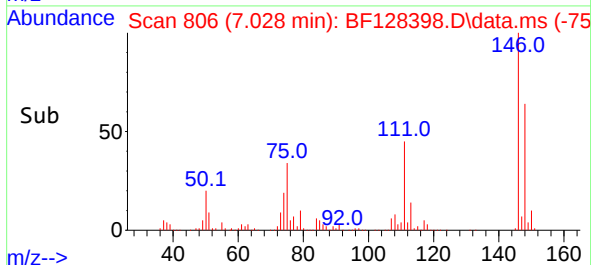
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

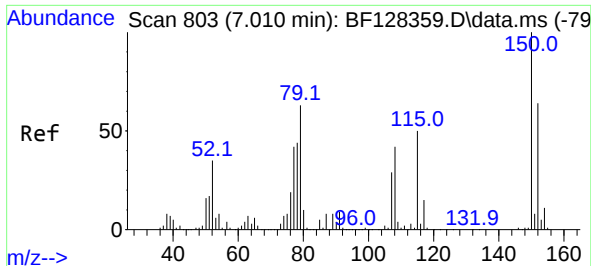


#14
1,2-Dichlorobenzene
Concen: 45.418 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



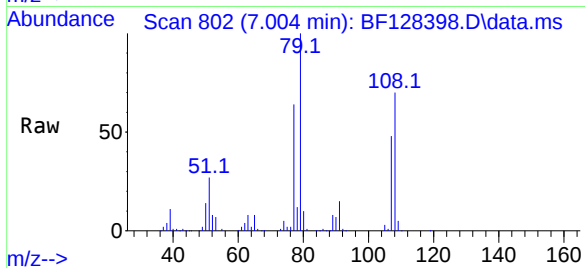
Tgt Ion:146 Resp: 258237
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 44.6 36.6 55.0





#15
Benzyl Alcohol
Concen: 45.538 ng
RT: 7.004 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

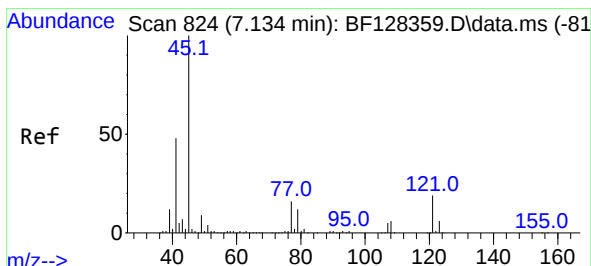
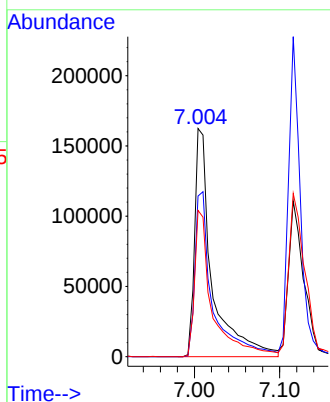
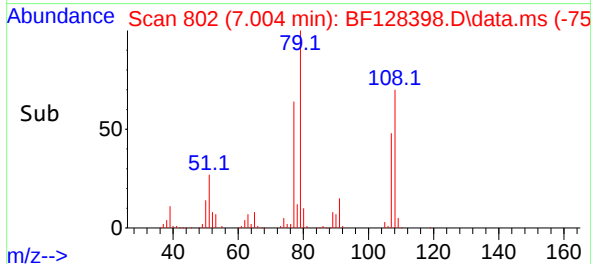
Instrument :
BNA_F
ClientSampleId :
284MSD



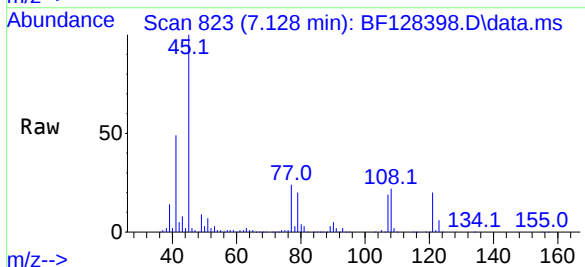
Tgt Ion: 79 Resp: 23364
Ion Ratio Lower Upper
79 100
108 70.4 57.0 85.6
77 64.1 50.2 75.4

Manual Integrations
APPROVED

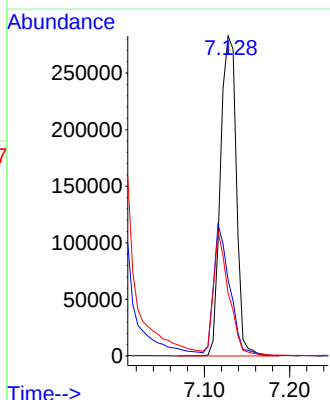
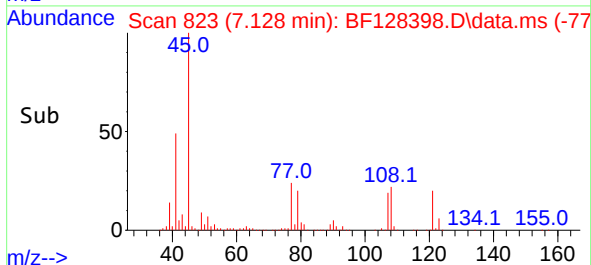
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

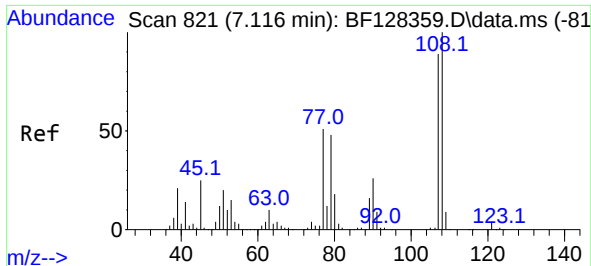


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.262 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



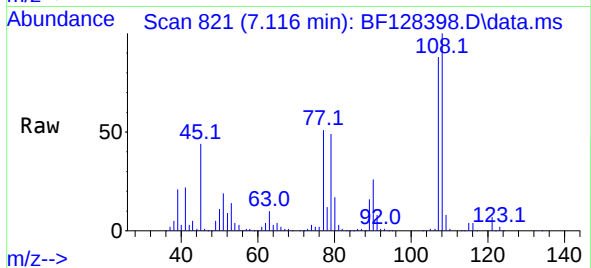
Tgt Ion: 45 Resp: 367140
Ion Ratio Lower Upper
45 100
77 23.7 0.0 34.9
79 19.5 0.0 31.6





#17
2-Methylphenol
Concen: 43.075 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

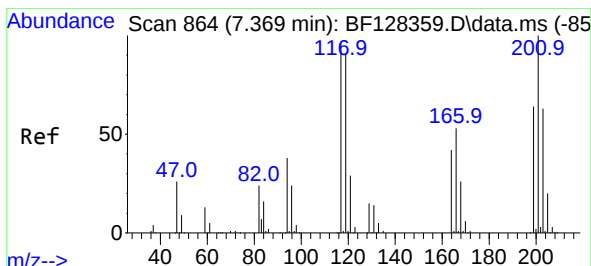
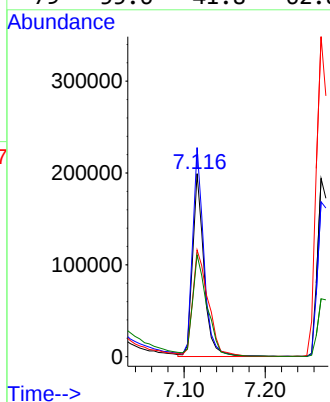
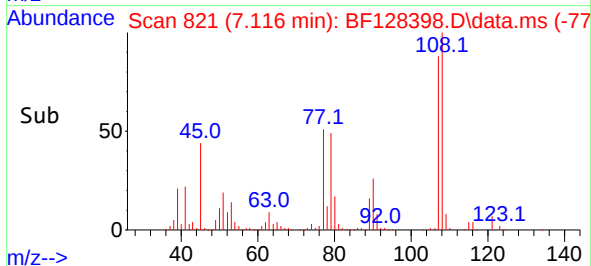
Instrument :
BNA_F
ClientSampleId :
284MSD



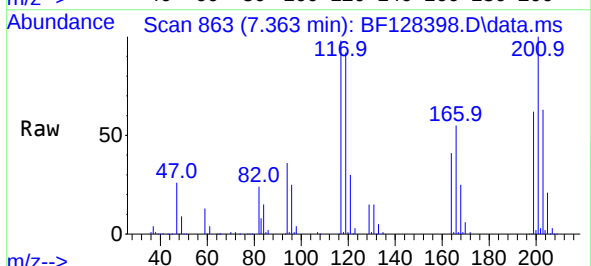
Tgt Ion:107 Resp: 194662
Ion Ratio Lower Upper
107 100
108 114.3 90.2 135.2
77 58.3 41.9 62.9
79 55.6 41.8 62.8

Manual Integrations
APPROVED

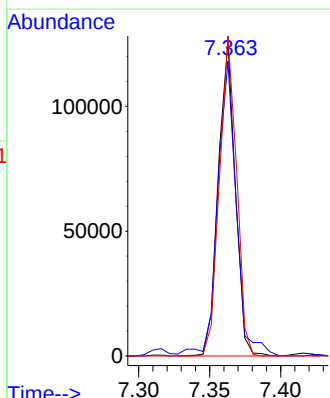
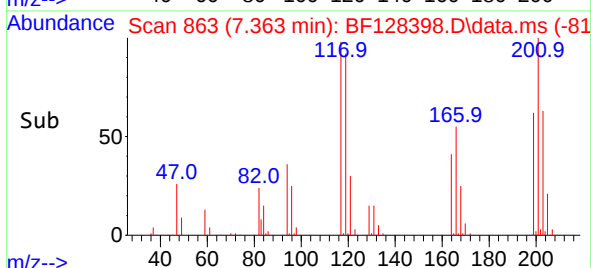
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

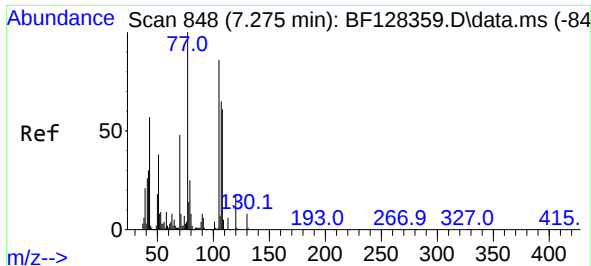


#18
Hexachloroethane
Concen: 46.188 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



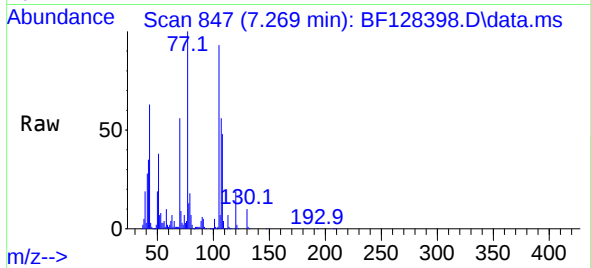
Tgt Ion:117 Resp: 104921
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.4
201 101.6 84.4 126.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.975 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

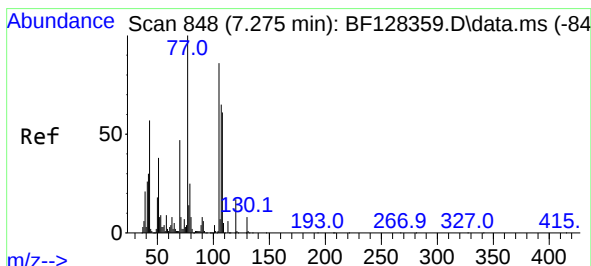
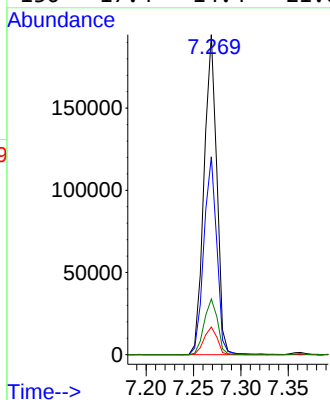
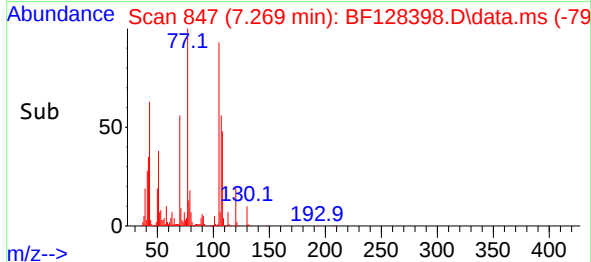
Instrument :
BNA_F
ClientSampleId :
284MSD



Tgt Ion: 70 Resp: 182280
Ion Ratio Lower Upper
70 100
42 61.9 48.7 73.1
101 8.7 7.2 10.8
130 17.4 14.4 21.6

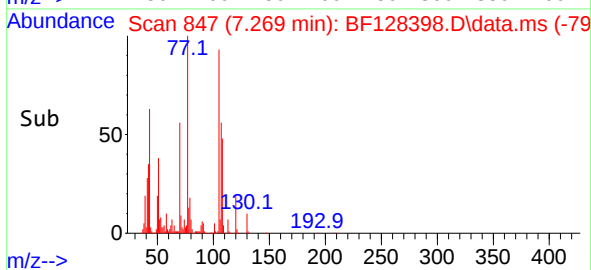
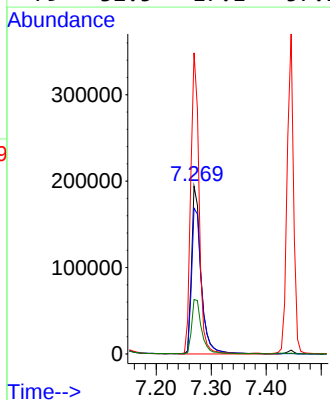
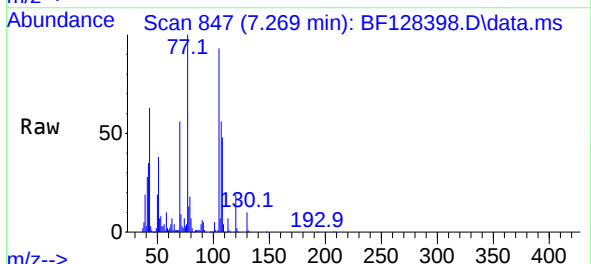
Manual Integrations
APPROVED

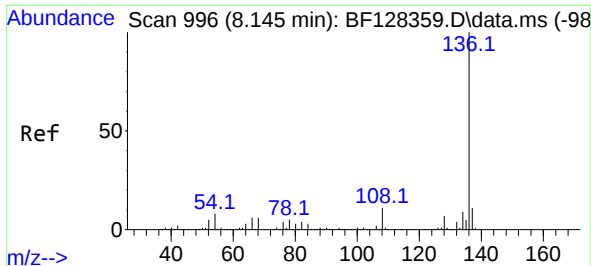
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#20
3+4-Methylphenols
Concen: 42.734 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

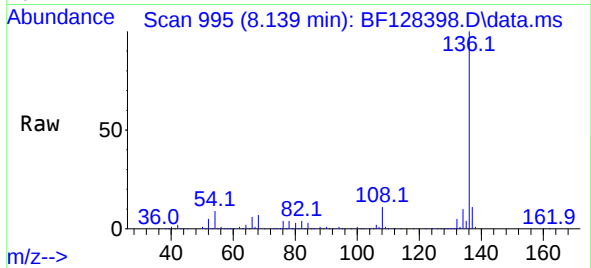
Tgt Ion:107 Resp: 232518
Ion Ratio Lower Upper
107 100
108 86.9 73.4 113.4
77 179.5 71.1 111.1#
79 32.5 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

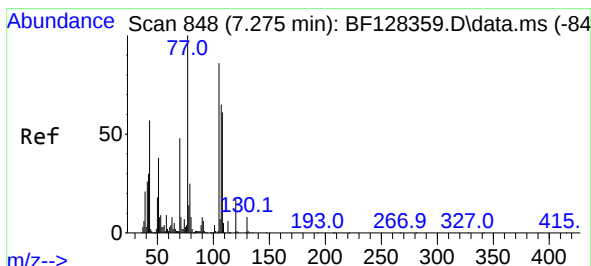
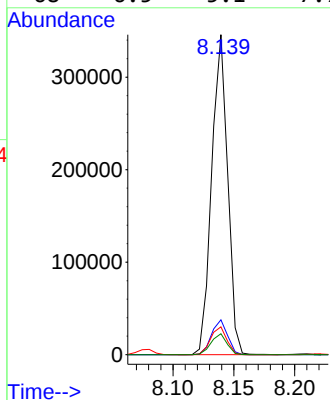
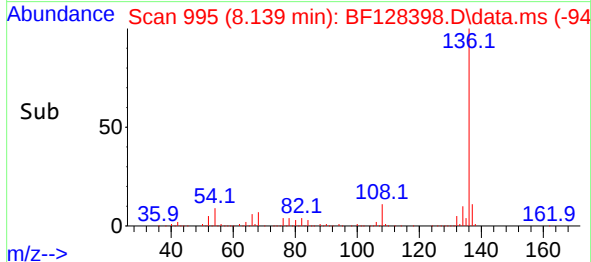
Instrument :
BNA_F
ClientSampleId :
284MSD



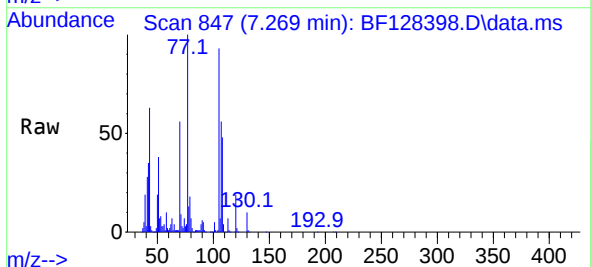
Tgt Ion:136 Resp: 31630
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.8 10.2
68 6.5 5.1 7.7

Manual Integrations
APPROVED

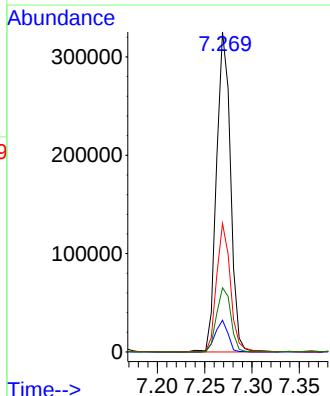
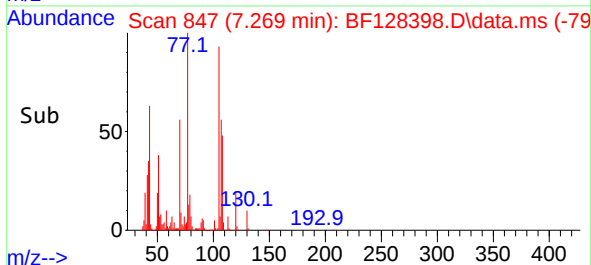
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

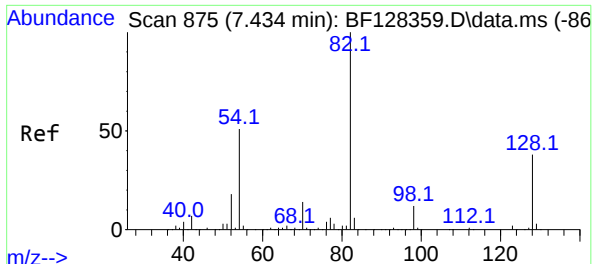


#22
Acetophenone
Concen: 43.392 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:105 Resp: 334133
Ion Ratio Lower Upper
105 100
71 9.9 7.3 10.9
51 40.2 23.7 35.5#
120 20.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.239 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

Tgt Ion: 82 Resp: 545270

Ion Ratio Lower Upper

82 100

128 39.1 30.0 45.0

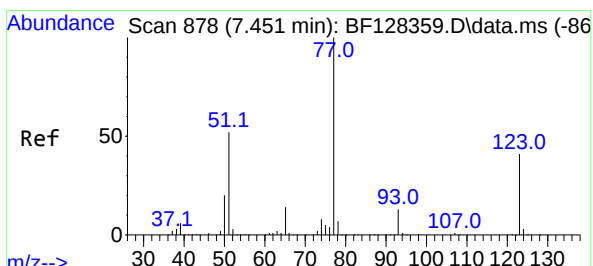
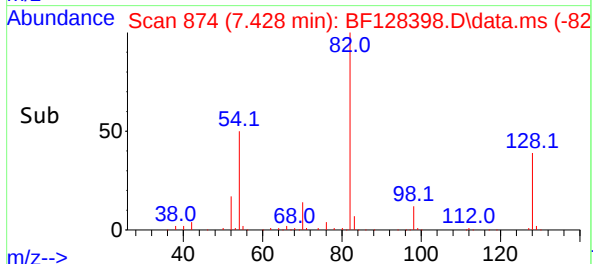
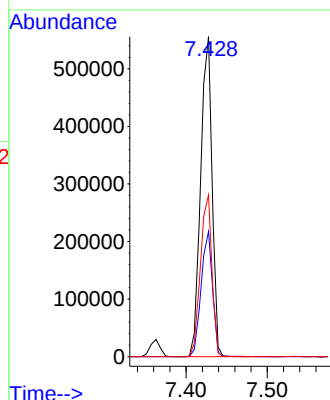
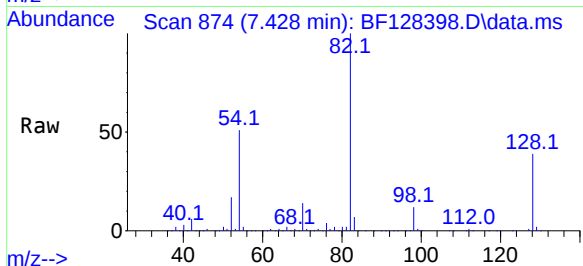
54 50.5 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2022

Supervised By :Jagrut Upadhyay 05/24/2022



#24

Nitrobenzene

Concen: 44.975 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

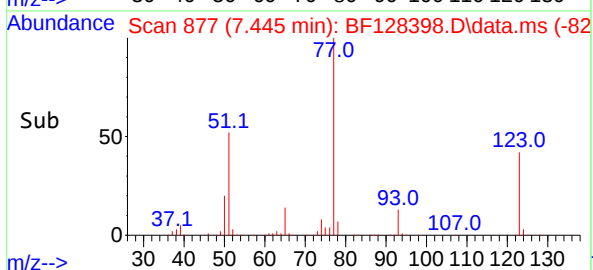
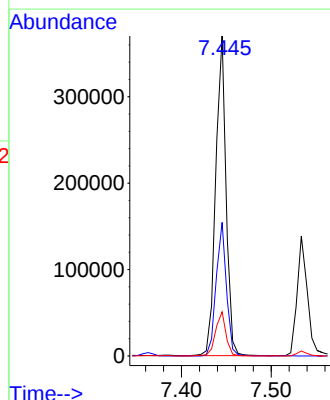
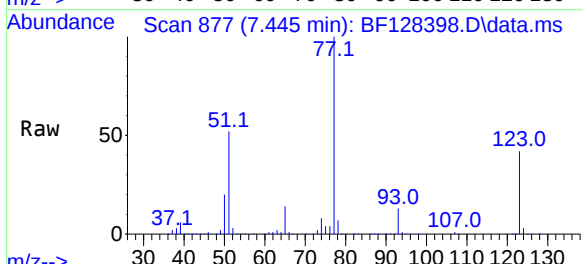
Tgt Ion: 77 Resp: 297172

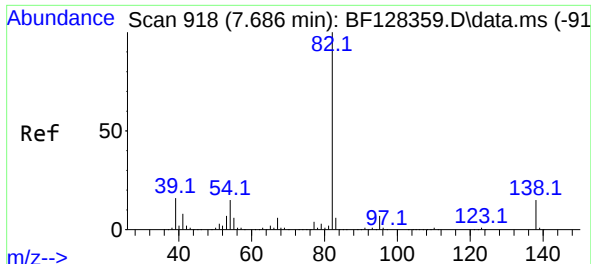
Ion Ratio Lower Upper

77 100

123 41.7 32.0 48.0

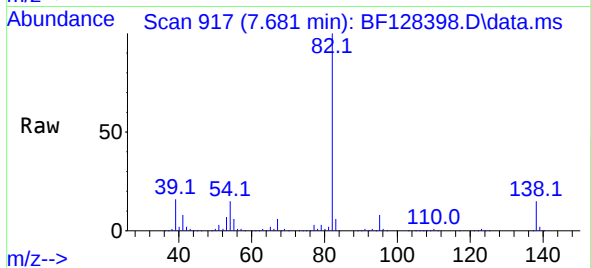
65 13.8 11.0 16.6





#25
Isophorone
Concen: 48.767 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

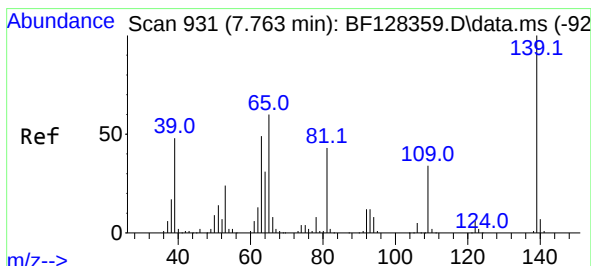
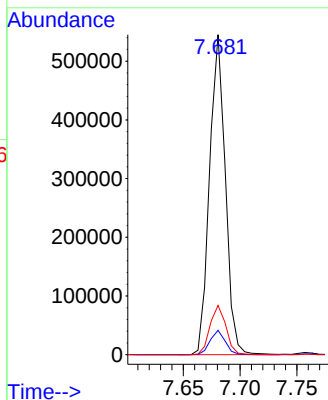
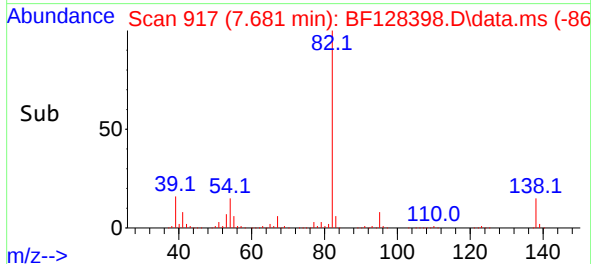
Instrument :
BNA_F
ClientSampleId :
284MSD



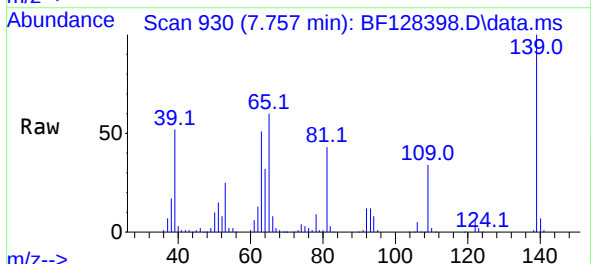
Tgt Ion: 82 Resp: 52758
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 15.4 12.5 18.7

Manual Integrations
APPROVED

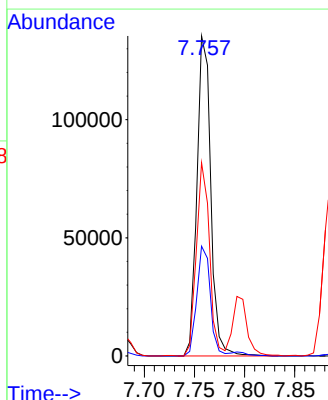
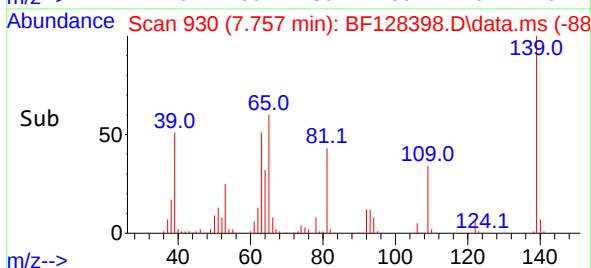
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

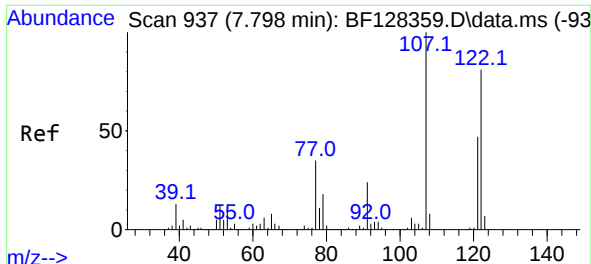


#26
2-Nitrophenol
Concen: 45.556 ng
RT: 7.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



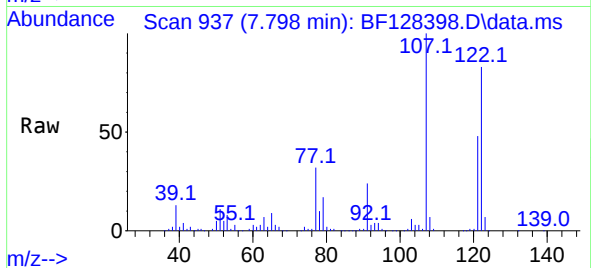
Tgt Ion:139 Resp: 130447
Ion Ratio Lower Upper
139 100
109 34.3 27.4 41.2
65 60.4 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 51.423 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

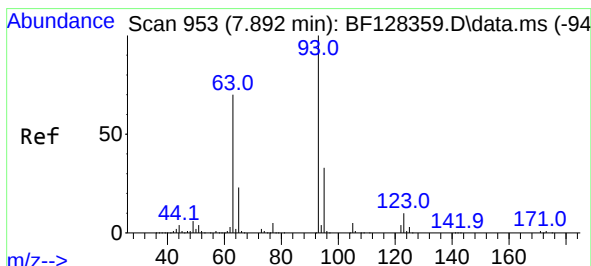
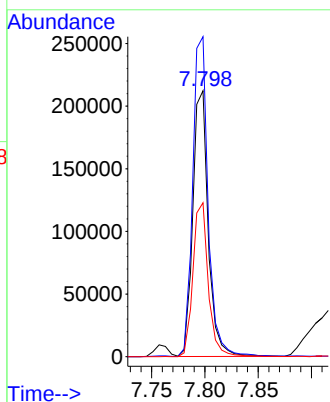
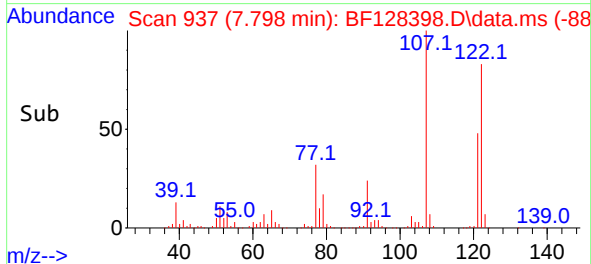
Instrument :
BNA_F
ClientSampleId :
284MSD



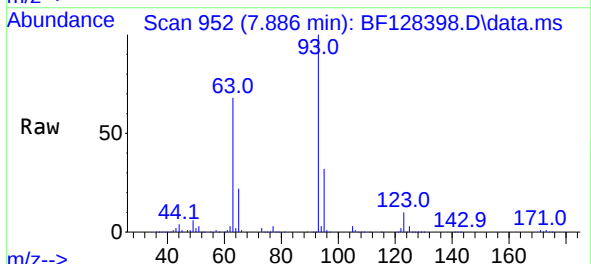
Tgt Ion:122 Resp: 214390
Ion Ratio Lower Upper
122 100
107 120.3 97.5 146.3
121 57.9 46.0 69.0

Manual Integrations
APPROVED

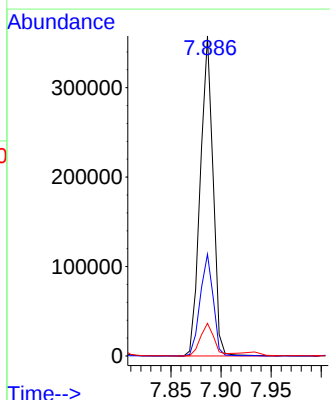
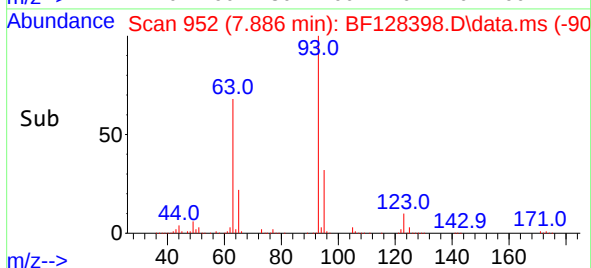
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

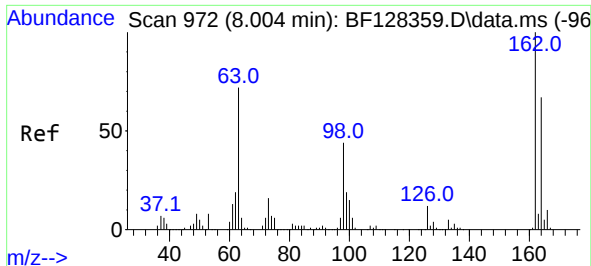


#28
bis(2-Chloroethoxy)methane
Concen: 46.625 ng
RT: 7.886 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



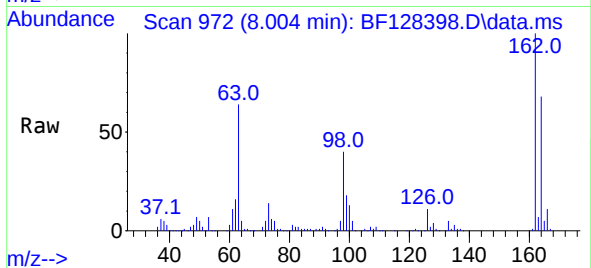
Tgt Ion: 93 Resp: 318804
Ion Ratio Lower Upper
93 100
95 31.8 25.7 38.5
123 10.2 8.3 12.5





#29
2,4-Dichlorophenol
Concen: 45.822 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

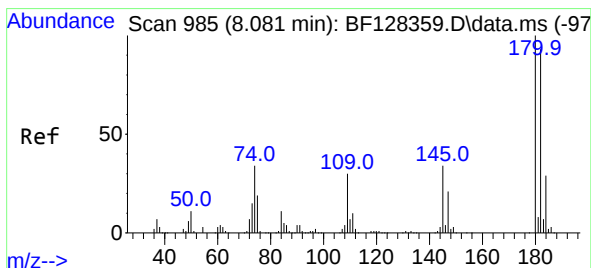
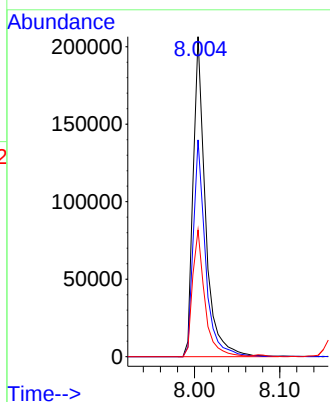
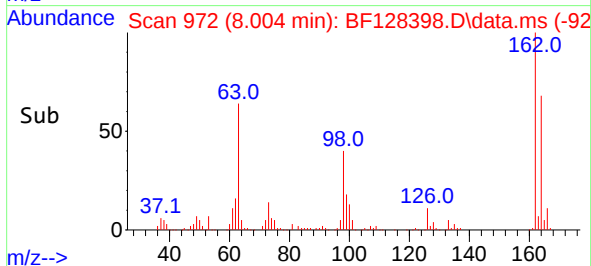
Instrument :
BNA_F
ClientSampleId :
284MSD



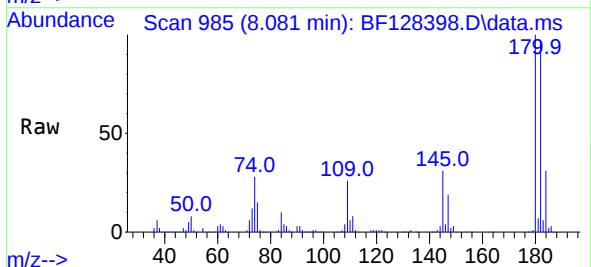
Tgt Ion:162 Resp: 207070
Ion Ratio Lower Upper
162 100
164 67.8 47.1 87.1
98 39.6 20.7 60.7

Manual Integrations
APPROVED

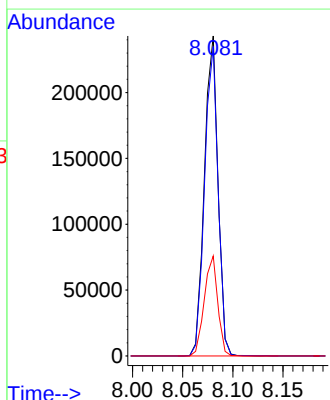
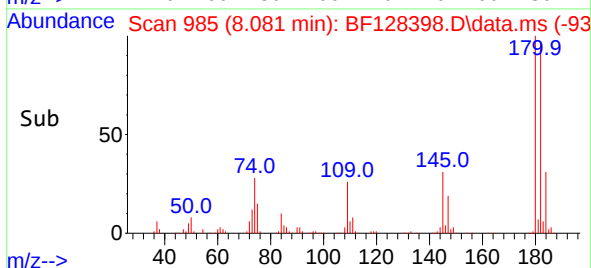
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

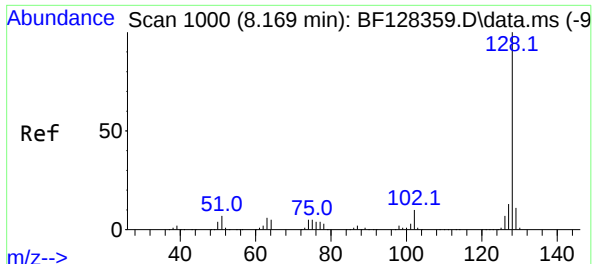


#30
1,2,4-Trichlorobenzene
Concen: 44.797 ng
RT: 8.081 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



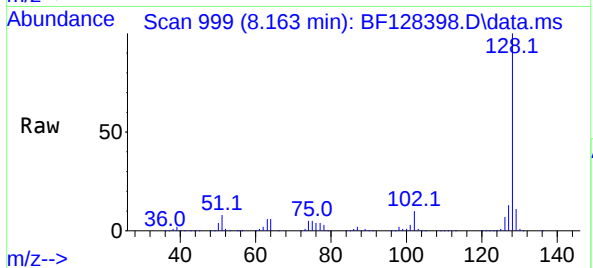
Tgt Ion:180 Resp: 229885
Ion Ratio Lower Upper
180 100
182 96.7 76.4 114.6
145 31.3 25.1 37.7





#31
Naphthalene
Concen: 46.703 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

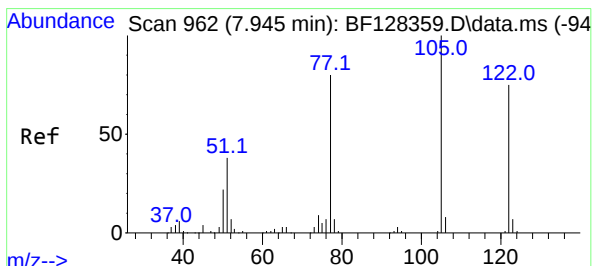
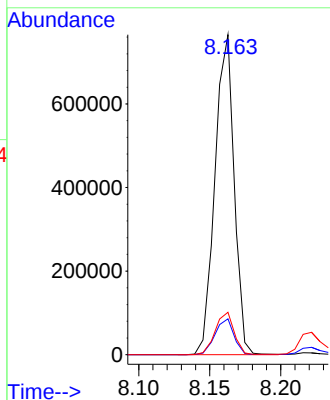
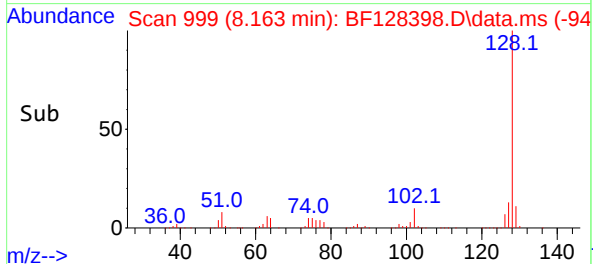
Instrument :
BNA_F
ClientSampleId :
284MSD



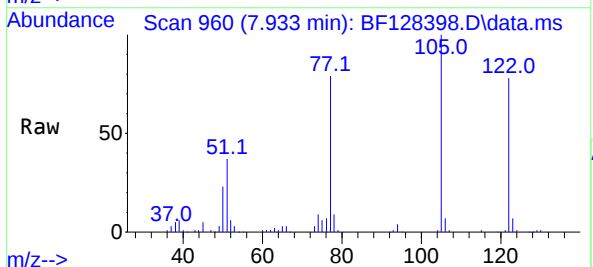
Tgt Ion:128 Resp: 719872
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations
APPROVED

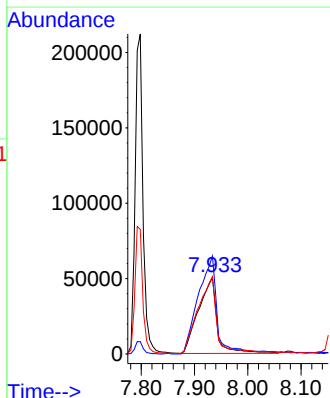
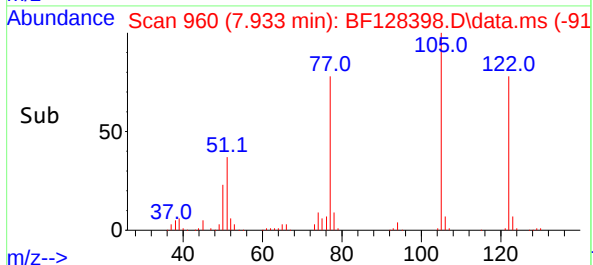
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

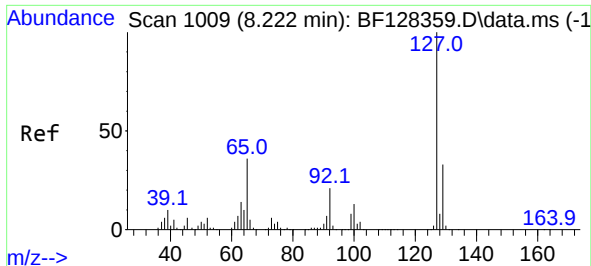


#32
Benzoic acid
Concen: 41.296 ng
RT: 7.933 min Scan# 960
Delta R.T. -0.012 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



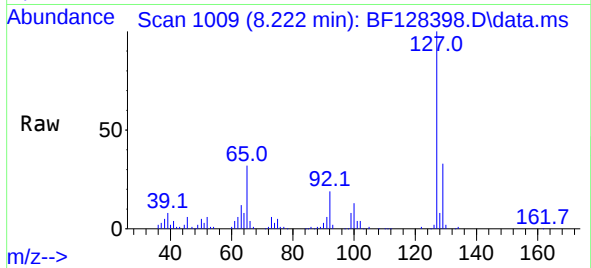
Tgt Ion:122 Resp: 122589
Ion Ratio Lower Upper
122 100
105 127.6 107.9 147.9
77 100.8 82.5 122.5





#33
4-Chloroaniline
Concen: 11.635 ng
RT: 8.222 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
284MSD

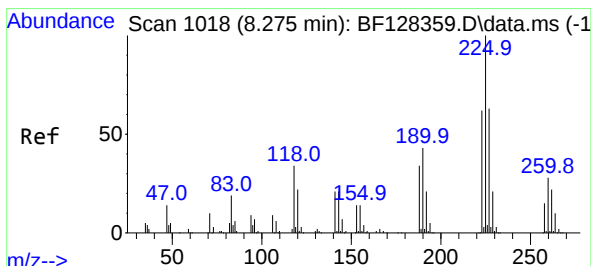
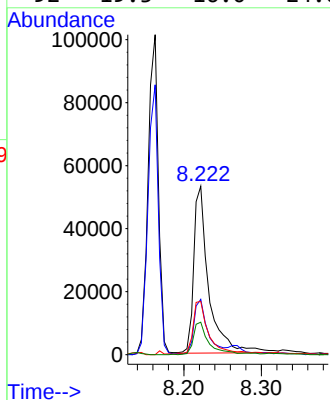
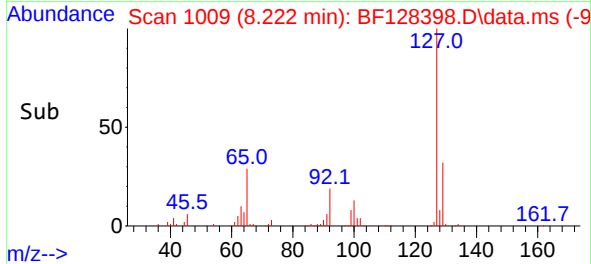


Tgt Ion:127 Resp: 71760

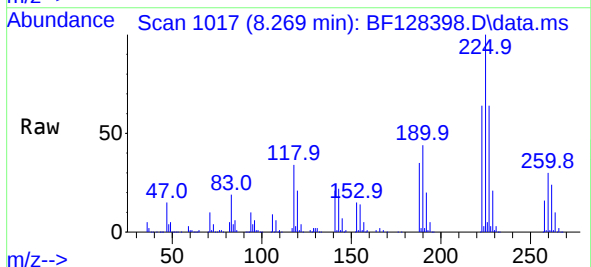
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	31.6	26.7	40.1
92	19.3	16.0	24.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

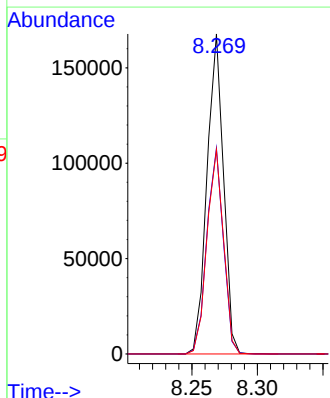
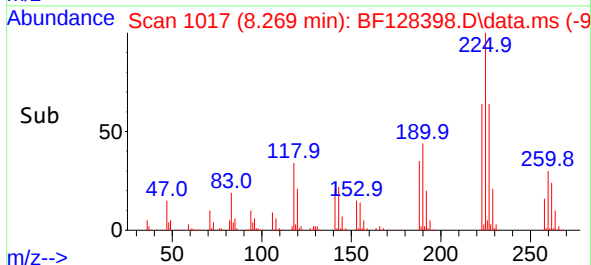


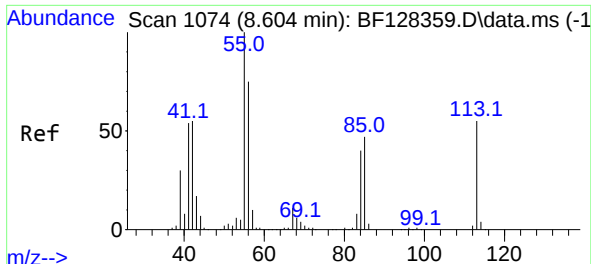
#34
Hexachlorobutadiene
Concen: 44.178 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:225 Resp: 146831

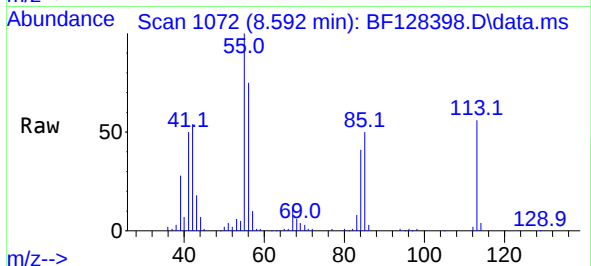
Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.0	78.0
227	63.8	50.7	76.1





#35
Caprolactam
Concen: 38.343 ng m
RT: 8.592 min Scan# 1072
Delta R.T. -0.012 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

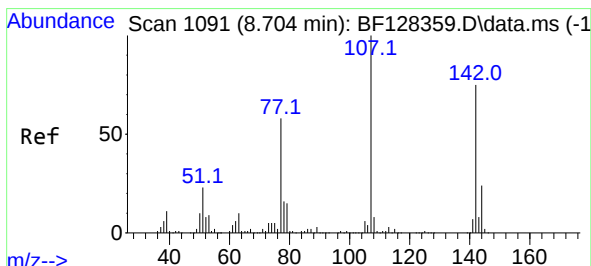
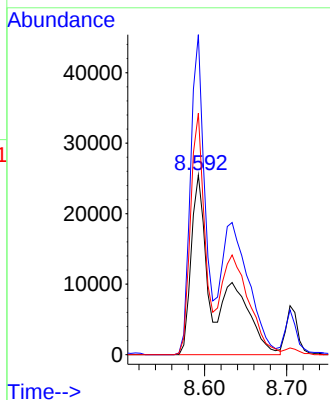
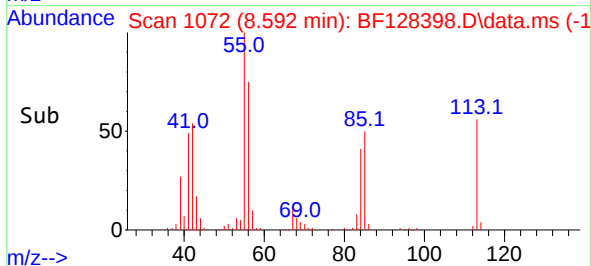
Instrument :
BNA_F
ClientSampleId :
284MSD



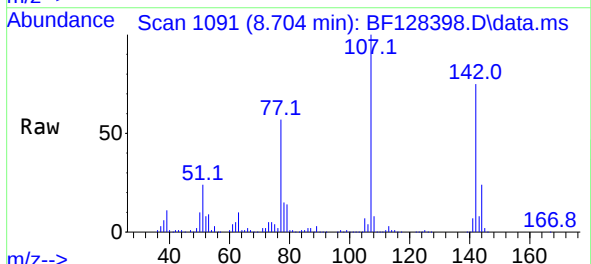
Tgt Ion:113 Resp: 55930
Ion Ratio Lower Upper
113 100
55 178.0 157.4 197.4
56 134.3 116.1 156.1

Manual Integrations
APPROVED

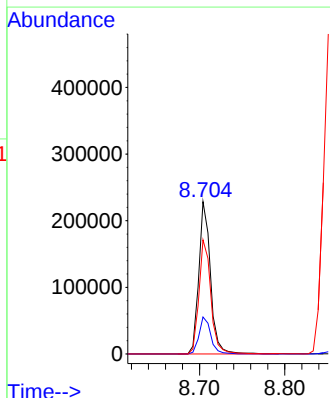
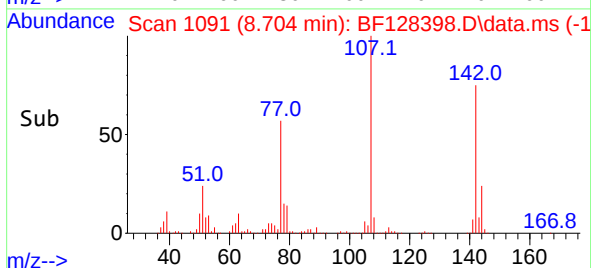
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

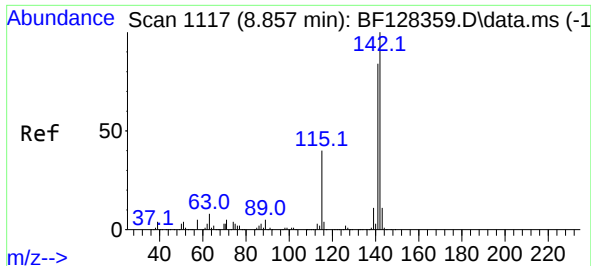


#36
4-Chloro-3-methylphenol
Concen: 44.565 ng
RT: 8.704 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



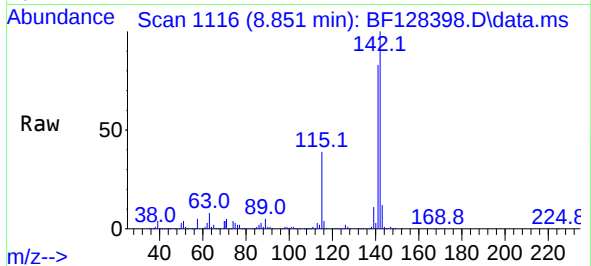
Tgt Ion:107 Resp: 218245
Ion Ratio Lower Upper
107 100
144 24.3 20.2 30.4
142 74.9 61.5 92.3





#37
2-Methylnaphthalene
Concen: 46.450 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

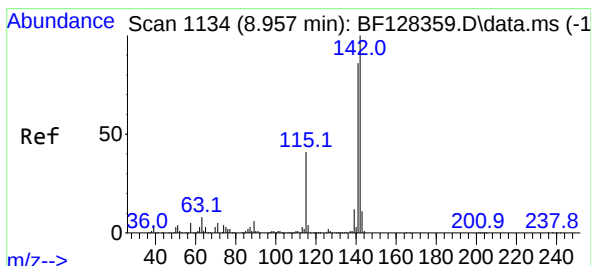
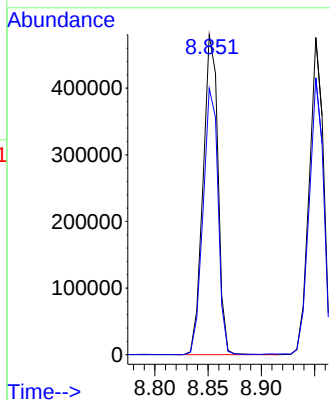
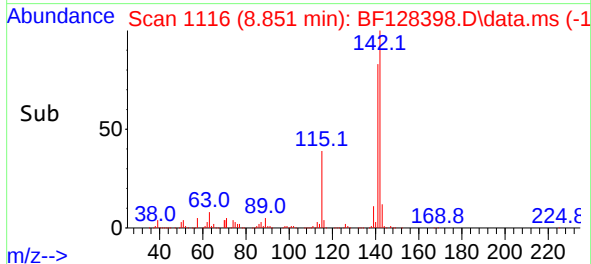
Instrument :
BNA_F
ClientSampleId :
284MSD



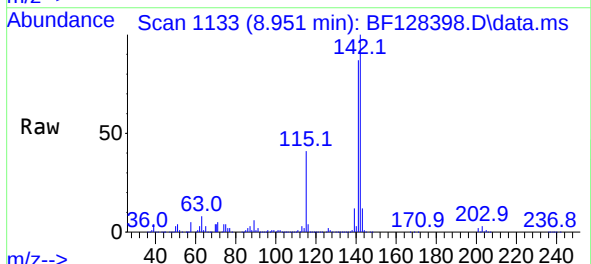
Tgt Ion:142 Resp: 469464
Ion Ratio Lower Upper
142 100
141 83.3 67.4 101.2

Manual Integrations
APPROVED

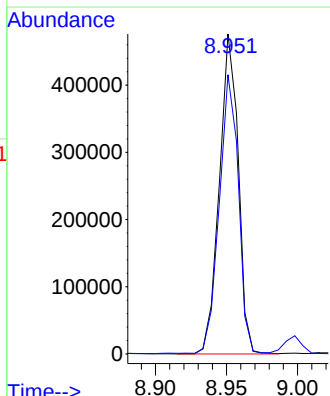
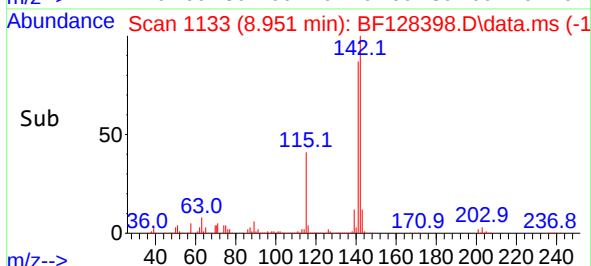
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

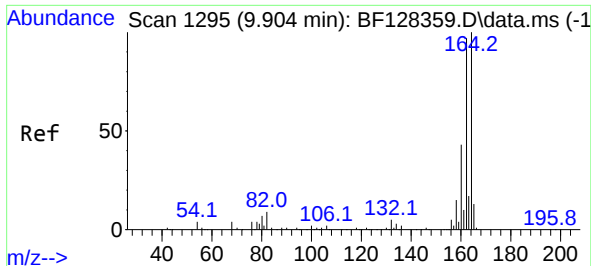


#38
1-Methylnaphthalene
Concen: 45.236 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



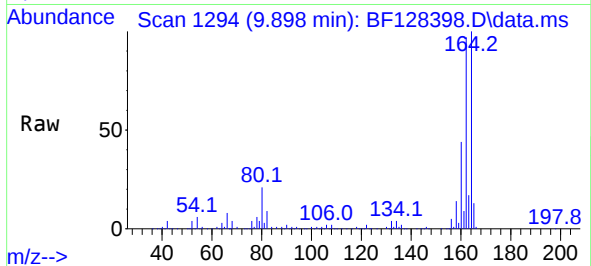
Tgt Ion:142 Resp: 439772
Ion Ratio Lower Upper
142 100
141 87.3 70.1 105.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

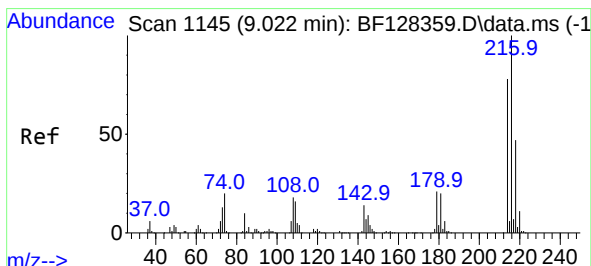
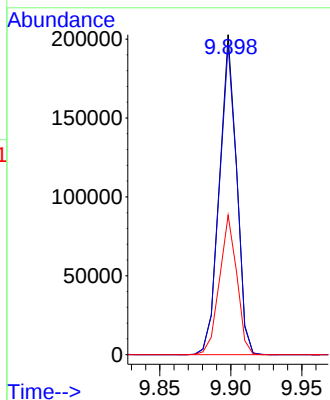
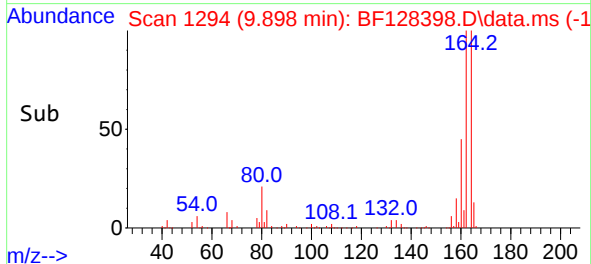
Instrument :
BNA_F
ClientSampleId :
284MSD



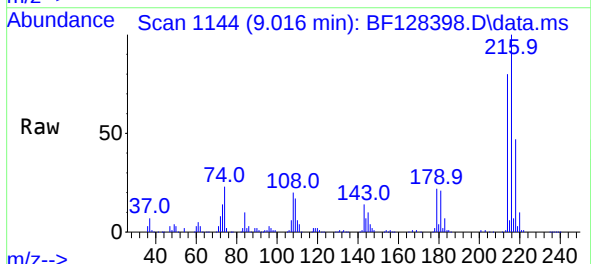
Tgt Ion:164 Resp: 170870
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.6 34.8 52.2

Manual Integrations
APPROVED

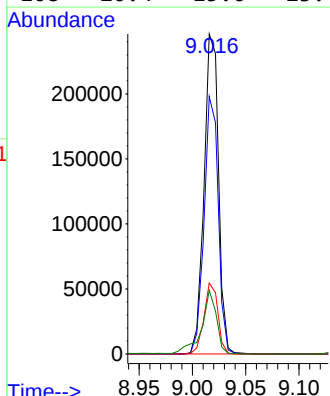
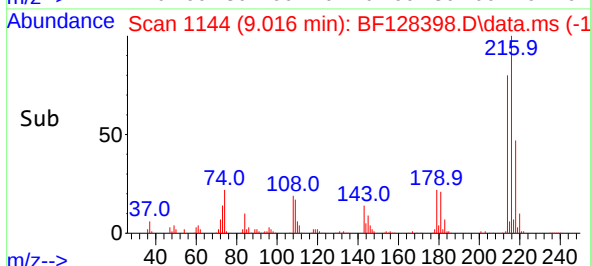
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

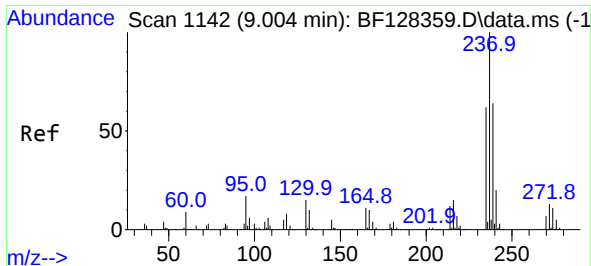


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.758 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



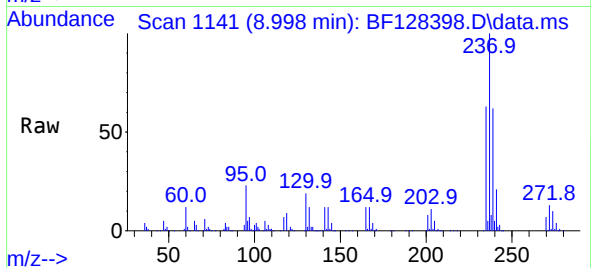
Tgt Ion:216 Resp: 232978
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
179 21.2 16.9 25.3
108 20.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 100.977 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

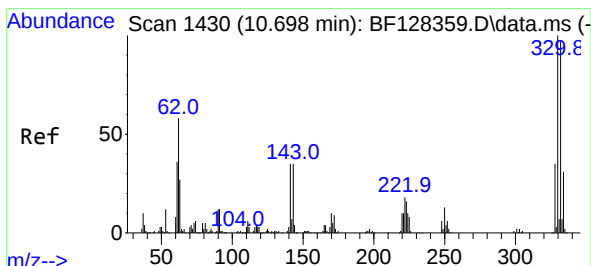
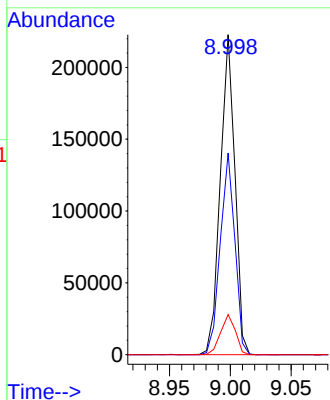
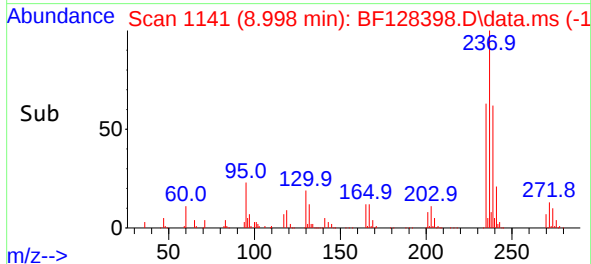
Instrument :
BNA_F
ClientSampleId :
284MSD



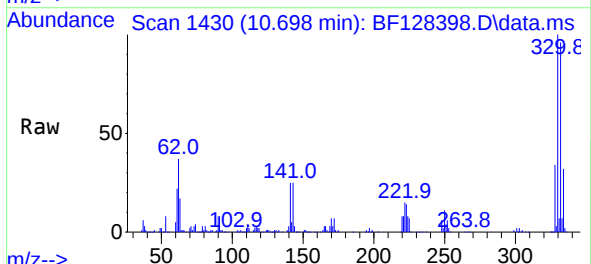
Tgt Ion:237 Resp: 186070
Ion Ratio Lower Upper
237 100
235 63.0 43.6 83.6
272 12.6 0.0 32.1

Manual Integrations
APPROVED

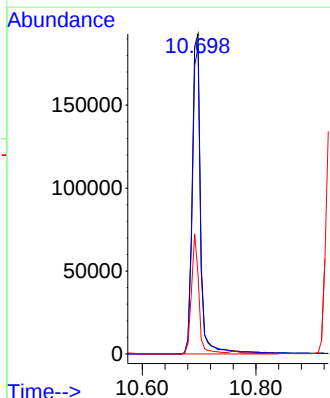
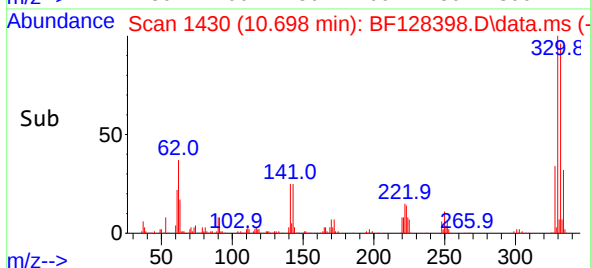
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

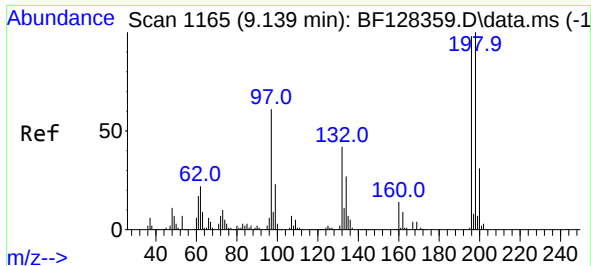


#42
2,4,6-Tribromophenol
Concen: 113.521 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



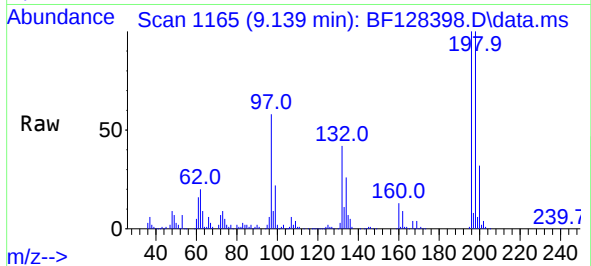
Tgt Ion:330 Resp: 200051
Ion Ratio Lower Upper
330 100
332 93.2 79.0 118.4
141 32.5 28.9 43.3





#43
2,4,6-Trichlorophenol
Concen: 44.803 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

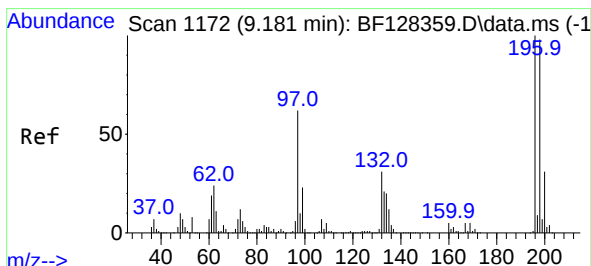
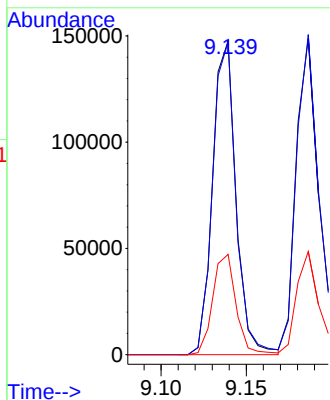
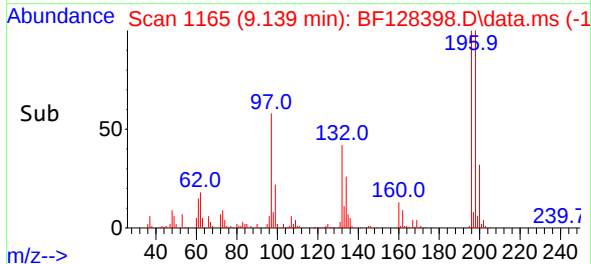
Instrument :
BNA_F
ClientSampleId :
284MSD



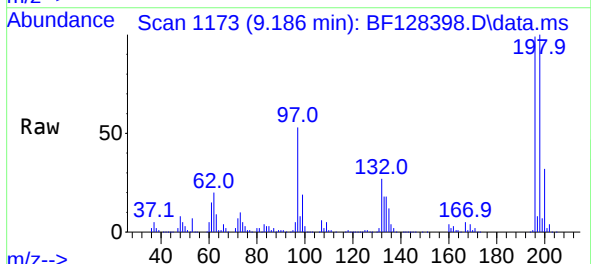
Tgt Ion:196 Resp: 14089
Ion Ratio Lower Upper
196 100
198 99.7 80.4 120.6
200 32.0 25.9 38.9

Manual Integrations
APPROVED

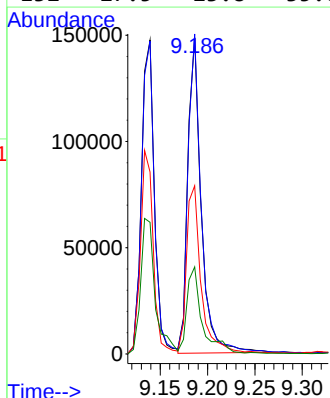
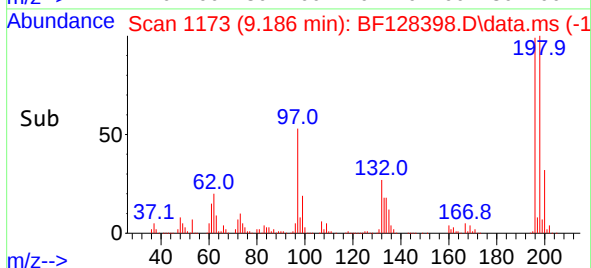
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

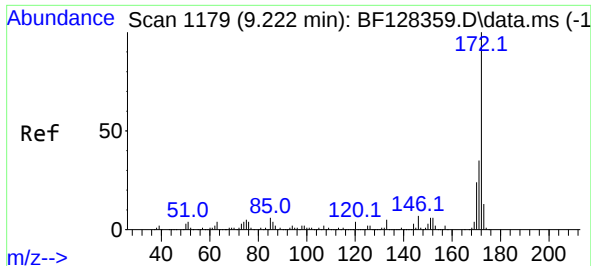


#44
2,4,5-Trichlorophenol
Concen: 43.907 ng
RT: 9.186 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



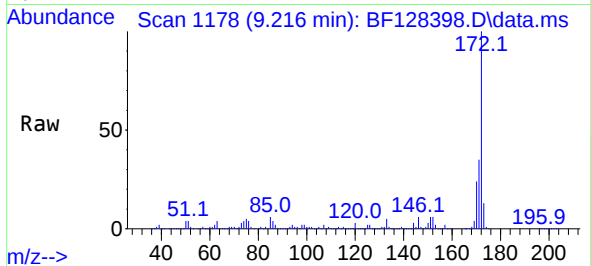
Tgt Ion:196 Resp: 146873
Ion Ratio Lower Upper
196 100
198 101.2 80.2 120.2
97 53.1 50.3 75.5
132 27.5 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 84.337 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

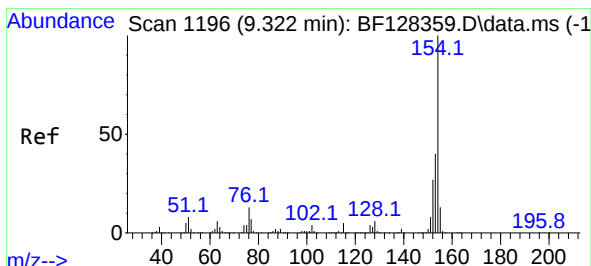
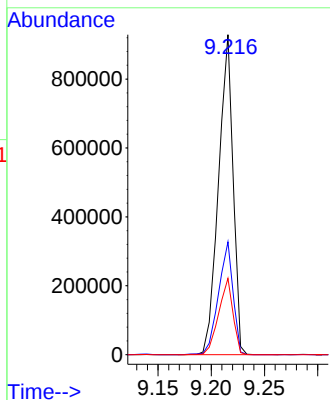
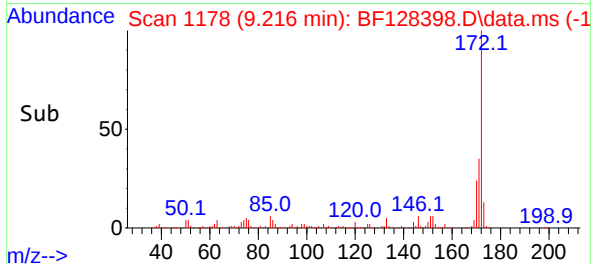
Instrument :
BNA_F
ClientSampleId :
284MSD



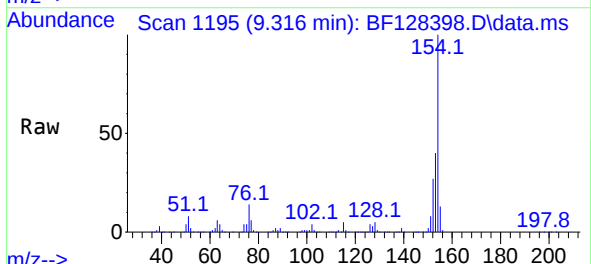
Tgt Ion:172 Resp: 881238
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.8 19.1 28.7

Manual Integrations
APPROVED

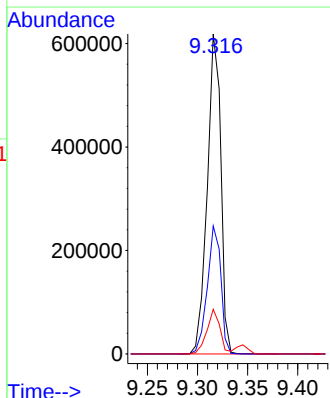
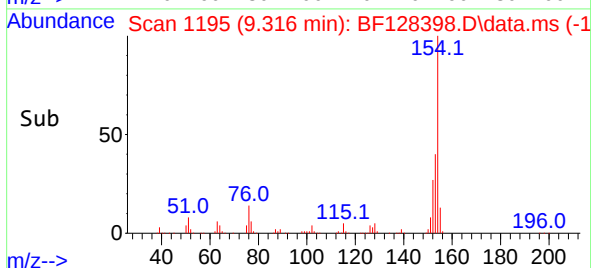
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

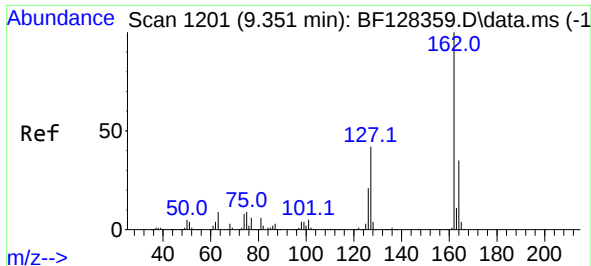


#46
1,1'-Biphenyl
Concen: 47.301 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:154 Resp: 584043
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 13.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 46.887 ng

RT: 9.345 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

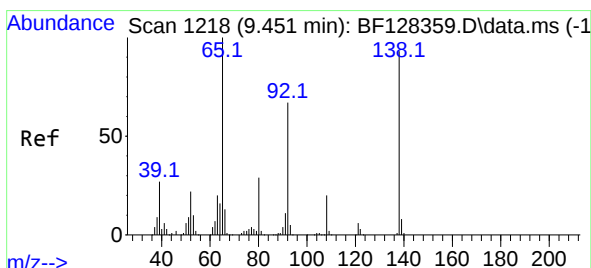
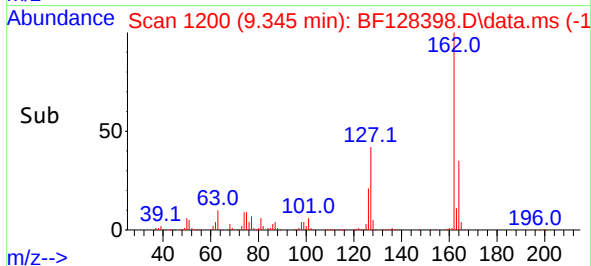
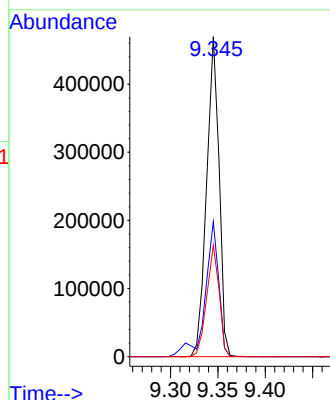
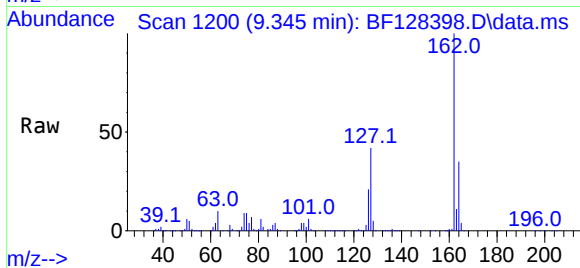
284MSD

Tgt Ion:162 Resp: 429420
 Ion Ratio Lower Upper
 162 100
 127 42.2 32.9 49.3
 164 34.8 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2022
 Supervised By :Jagrut Upadhyay 05/24/2022



#48

2-Nitroaniline

Concen: 44.848 ng

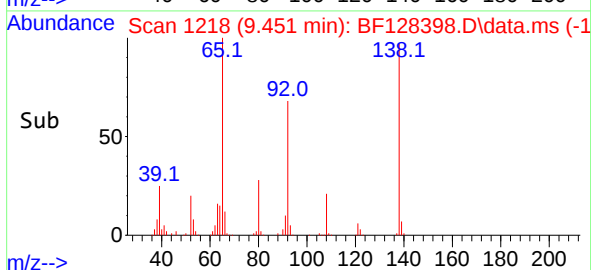
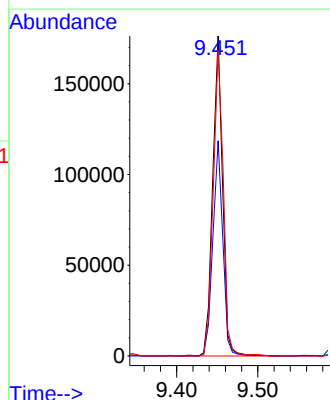
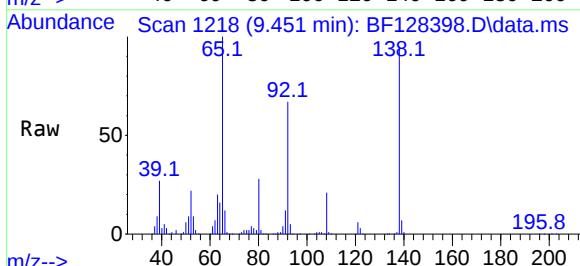
RT: 9.451 min Scan# 1218

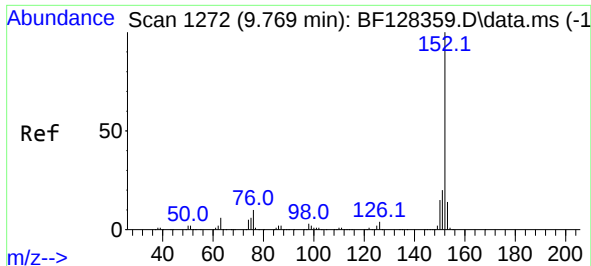
Delta R.T. -0.000 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Tgt Ion: 65 Resp: 148811
 Ion Ratio Lower Upper
 65 100
 92 67.2 53.7 80.5
 138 95.5 76.4 114.6





#49

Acenaphthylene

Concen: 48.570 ng

RT: 9.763 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

Tgt Ion:152 Resp: 665628

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

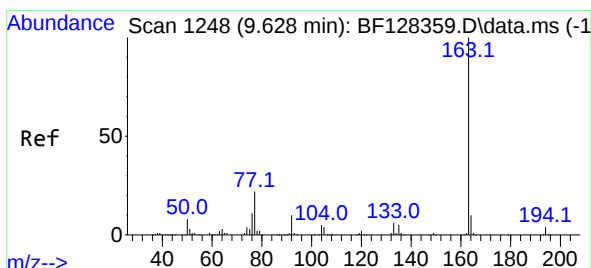
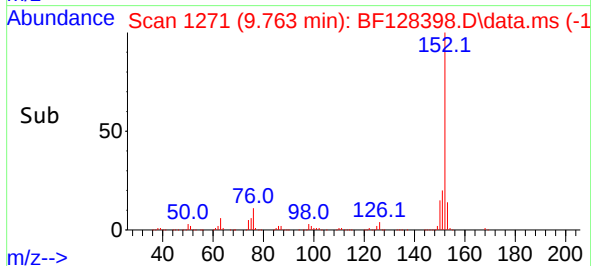
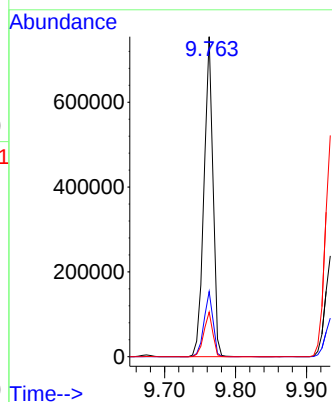
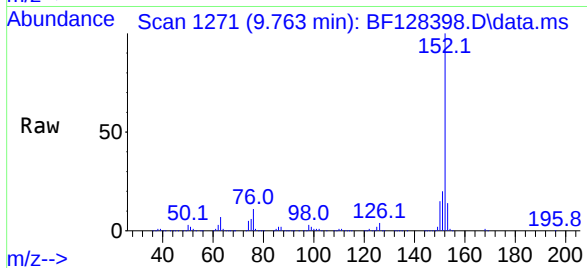
153 14.0 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2022

Supervised By :Jagrut Upadhyay 05/24/2022



#50

Dimethylphthalate

Concen: 45.612 ng

RT: 9.622 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

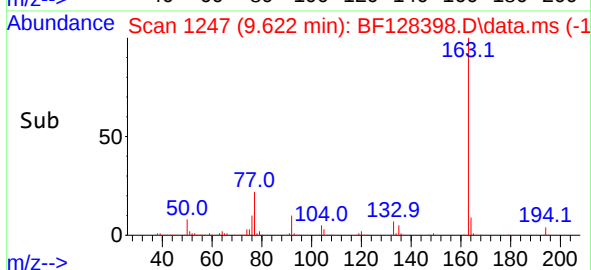
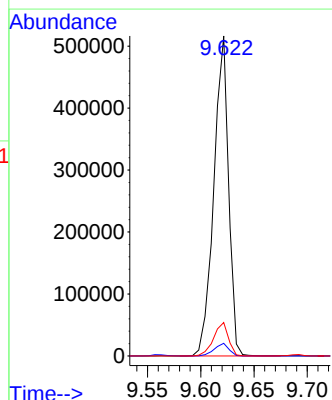
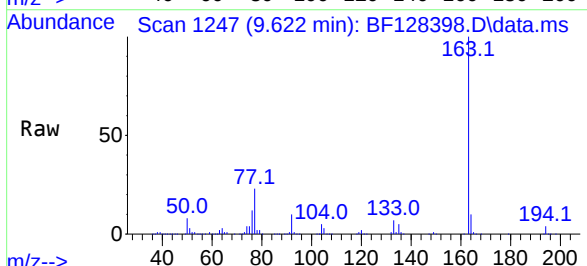
Tgt Ion:163 Resp: 496479

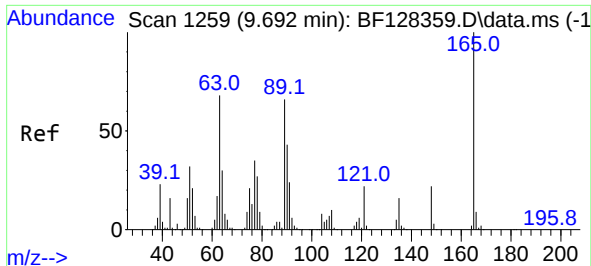
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

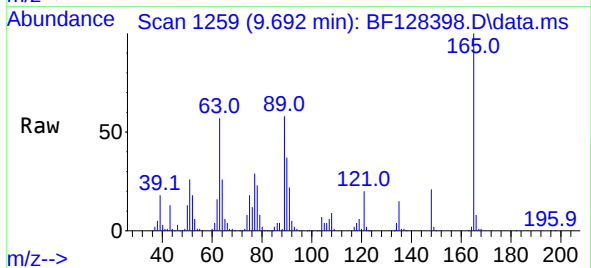
164 10.4 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 47.883 ng
RT: 9.692 min Scan# 11398
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

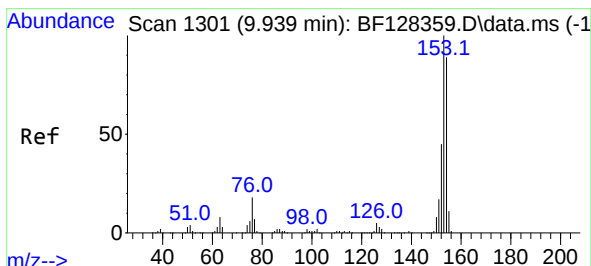
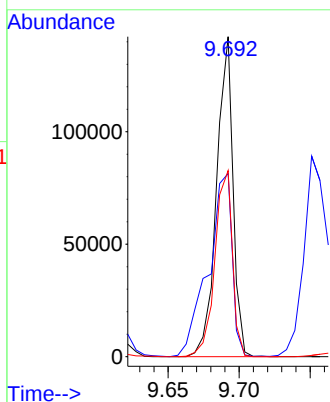
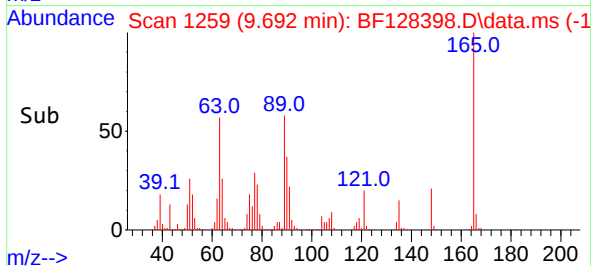
Instrument :
BNA_F
ClientSampleId :
284MSD



Tgt Ion:165 Resp: 11398
Ion Ratio Lower Upper
165 100
63 57.3 49.5 74.3
89 58.2 49.0 73.4

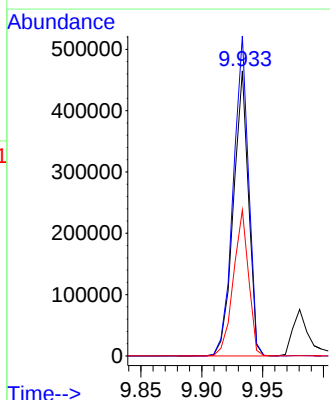
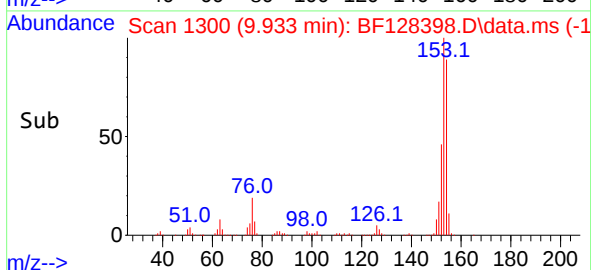
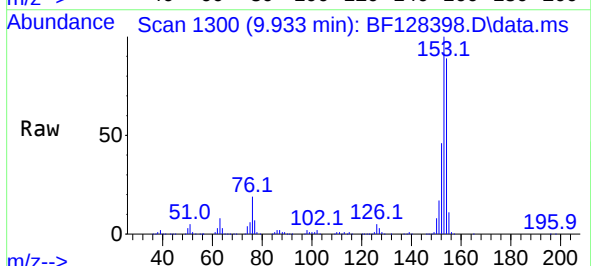
Manual Integrations
APPROVED

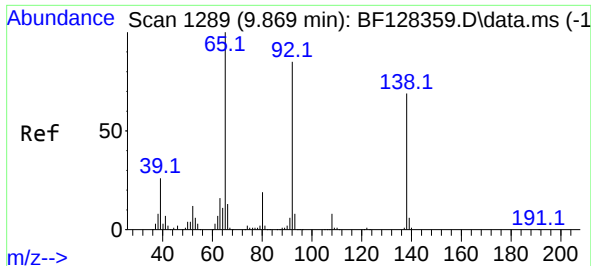
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#52
Acenaphthene
Concen: 46.889 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Tgt Ion:154 Resp: 403522
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 51.2 41.0 61.6





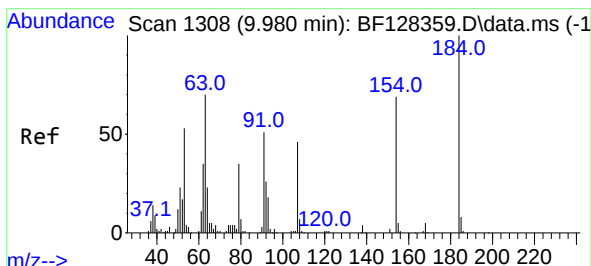
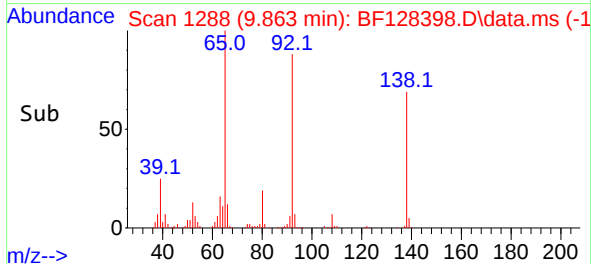
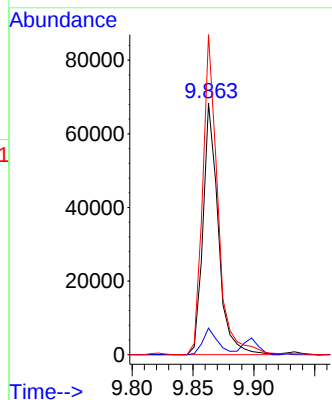
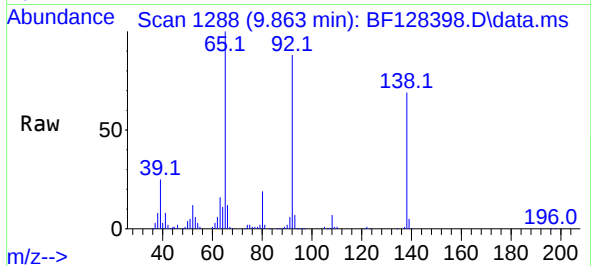
#53
3-Nitroaniline
Concen: 22.197 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
284MSD

Tgt Ion:138 Resp: 5948
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 127.2 102.7 154.1

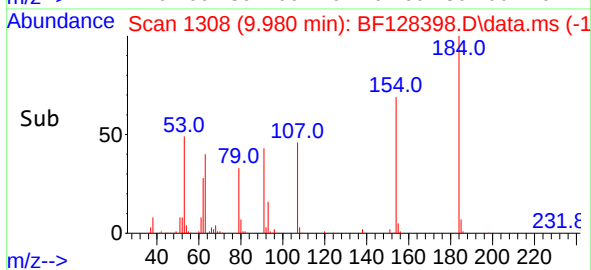
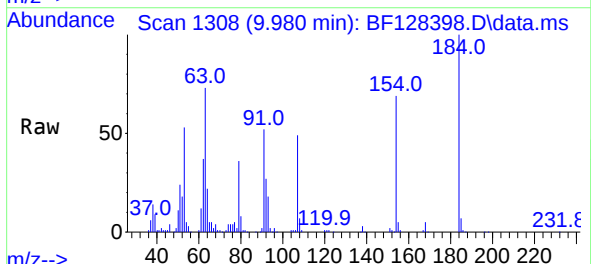
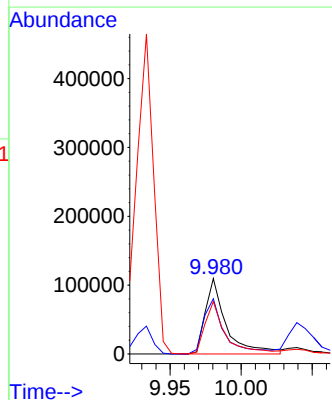
Manual Integrations
APPROVED

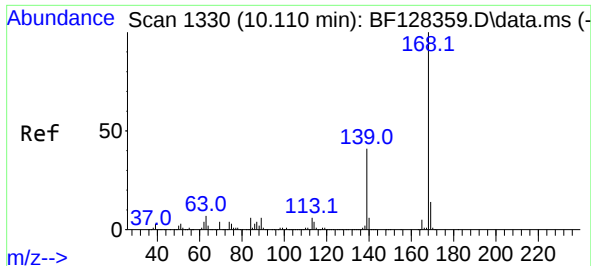
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#54
2,4-Dinitrophenol
Concen: 93.078 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

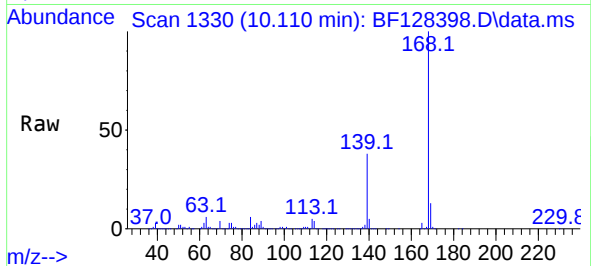
Tgt Ion:184 Resp: 112374
Ion Ratio Lower Upper
184 100
63 73.2 50.0 75.0
154 69.4 51.7 77.5





#55
Dibenzenofuran
Concen: 44.794 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

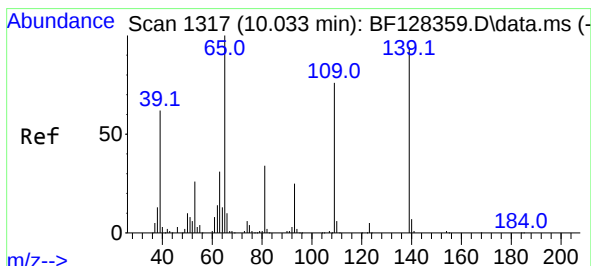
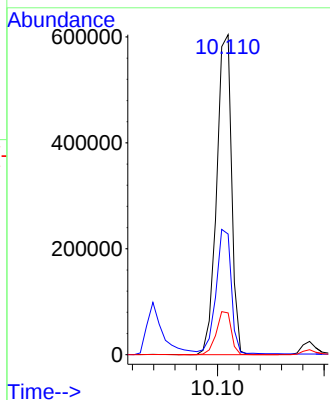
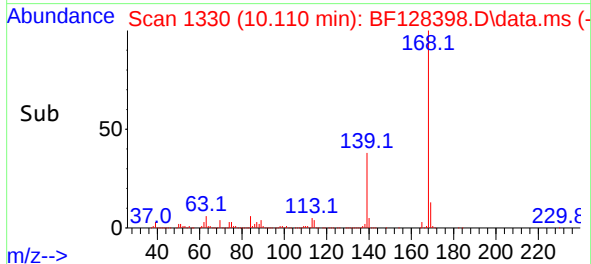
Instrument :
BNA_F
ClientSampleId :
284MSD



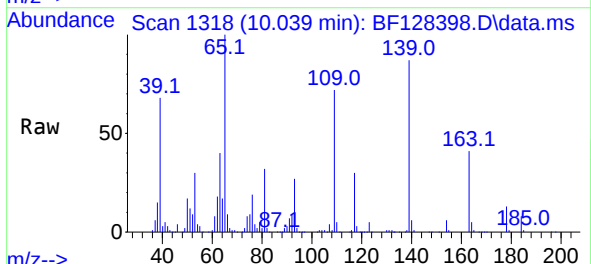
Tgt Ion:168 Resp: 584448
Ion Ratio Lower Upper
168 100
139 37.7 31.7 47.5
169 13.0 10.9 16.3

Manual Integrations
APPROVED

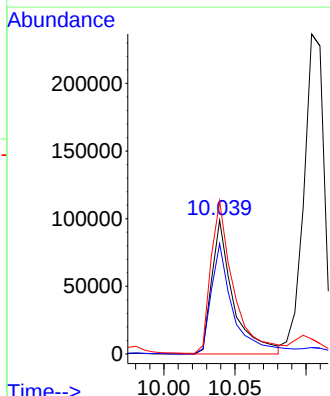
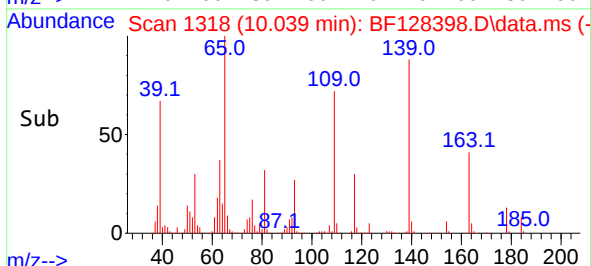
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

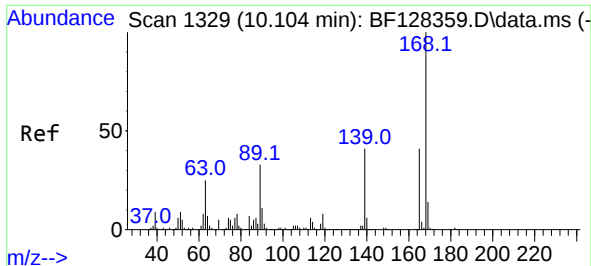


#56
4-Nitrophenol
Concen: 67.289 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



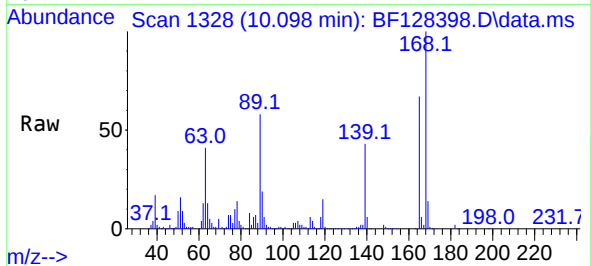
Tgt Ion:139 Resp: 103709
Ion Ratio Lower Upper
139 100
109 82.5 61.9 101.9
65 114.5 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 45.638 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

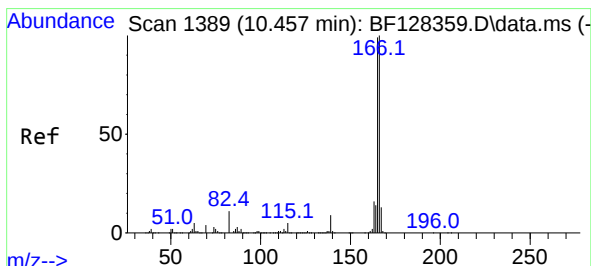
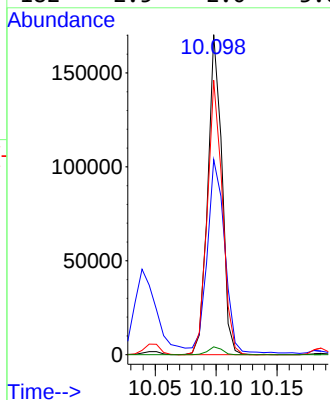
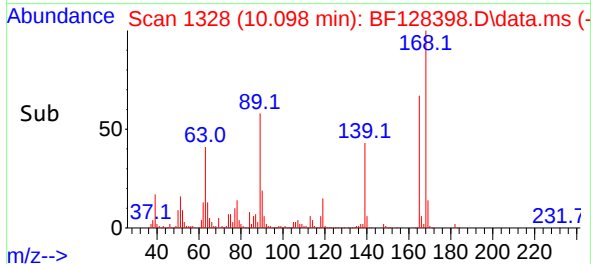
Instrument :
BNA_F
ClientSampleId :
284MSD



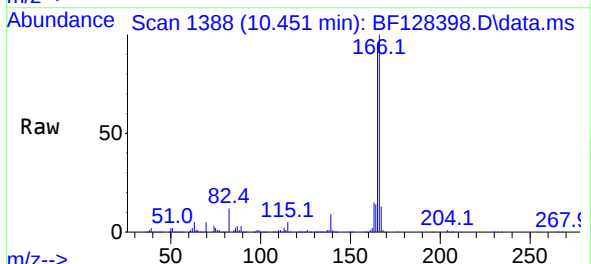
Tgt Ion:165 Resp: 136884
Ion Ratio Lower Upper
165 100
63 60.9 32.6 49.0
89 85.8 55.2 82.8
182 2.5 2.0 3.0

Manual Integrations
APPROVED

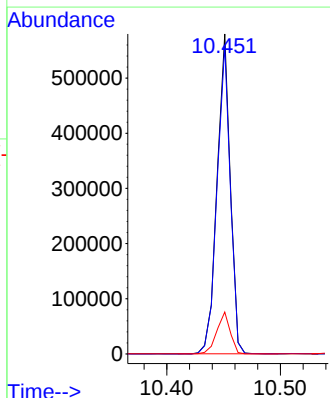
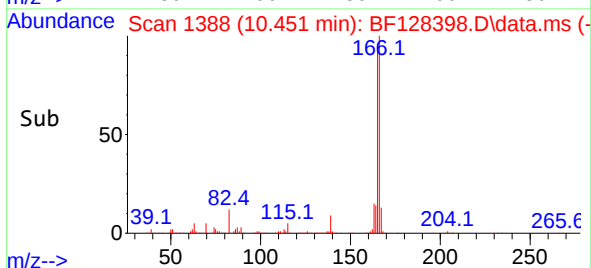
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

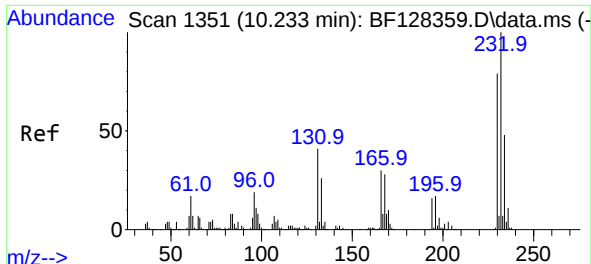


#58
Fluorene
Concen: 45.853 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



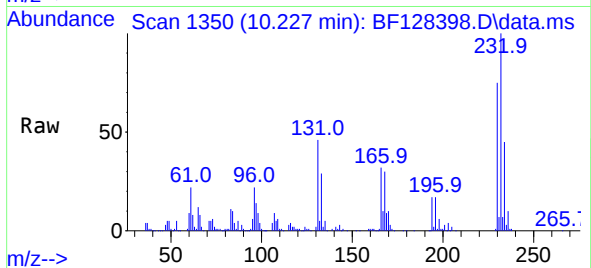
Tgt Ion:166 Resp: 468871
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.496 ng
RT: 10.227 min Scan# 11951
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

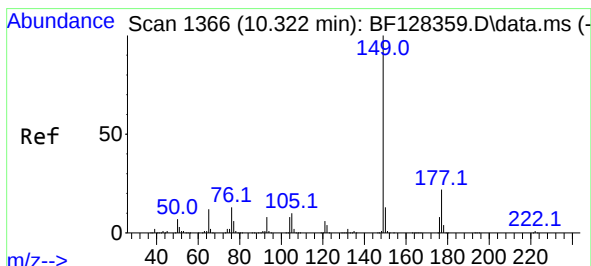
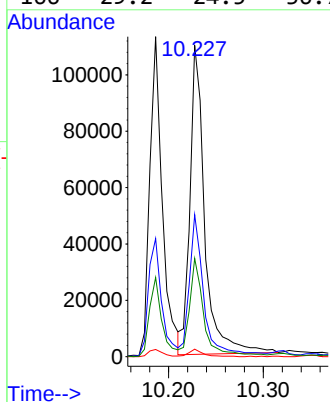
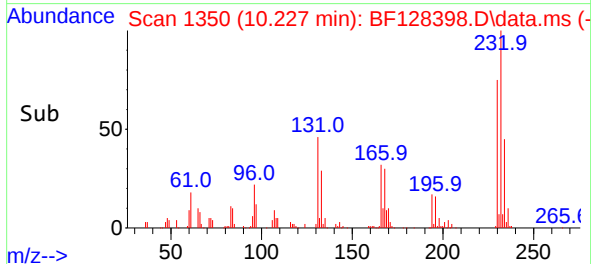
Instrument :
BNA_F
ClientSampleId :
284MSD



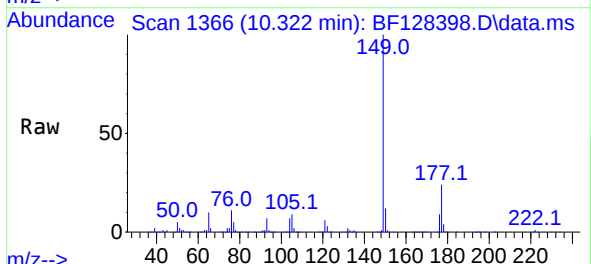
Tgt Ion:232 Resp: 11951
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 2.4 1.9 2.9
166 29.2 24.5 36.7

Manual Integrations
APPROVED

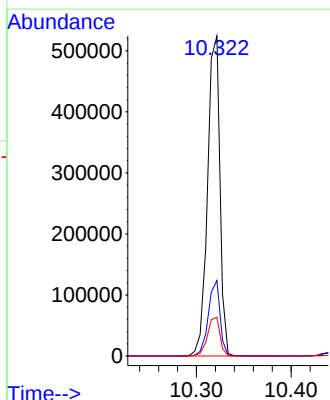
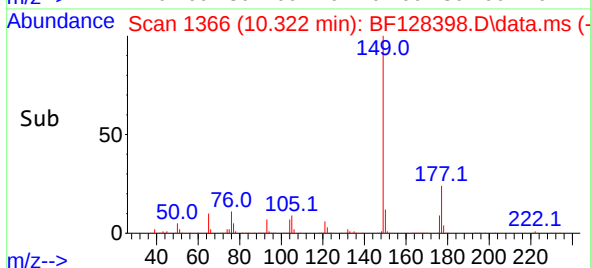
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

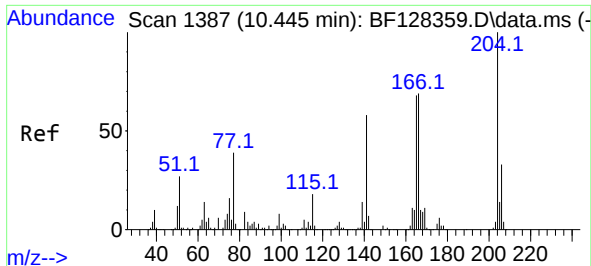


#60
Diethylphthalate
Concen: 45.081 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



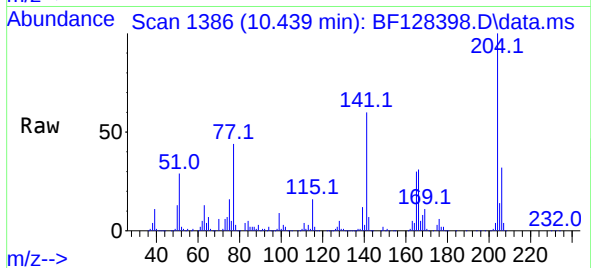
Tgt Ion:149 Resp: 472850
Ion Ratio Lower Upper
149 100
177 23.6 17.8 26.8
150 12.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.242 ng
RT: 10.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

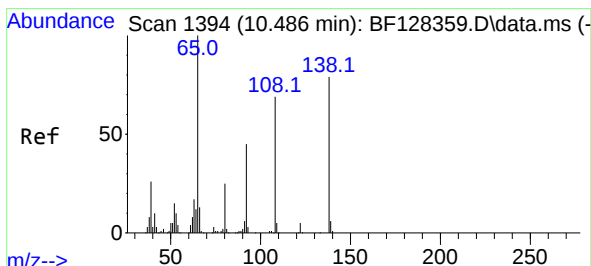
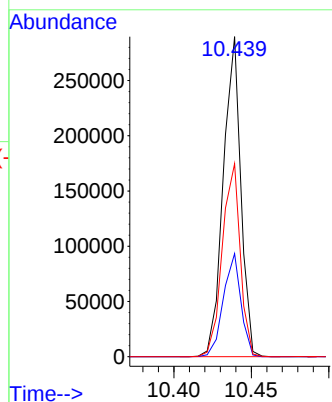
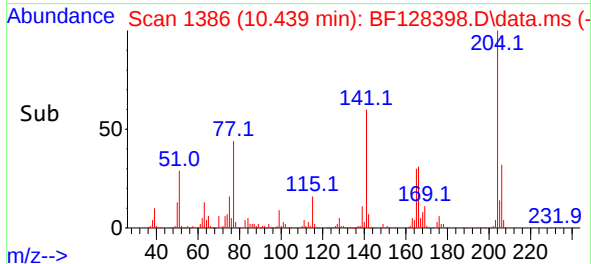
Instrument :
BNA_F
ClientSampleId :
284MSD



Tgt Ion:204 Resp: 227994
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 60.3 48.7 73.1

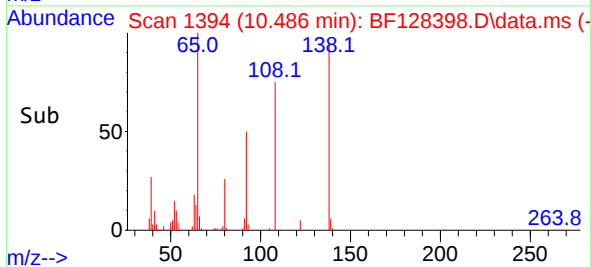
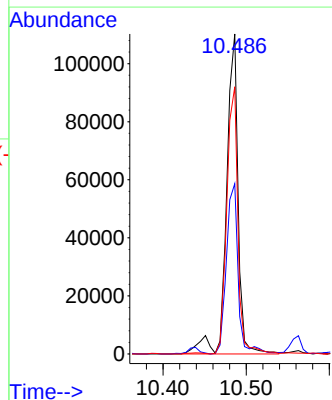
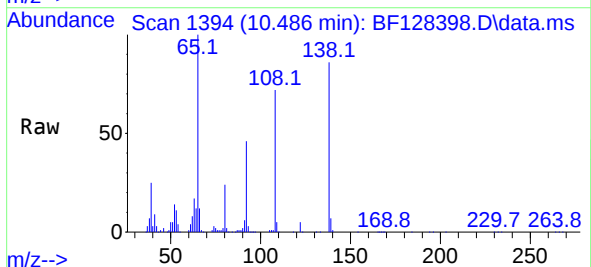
Manual Integrations
APPROVED

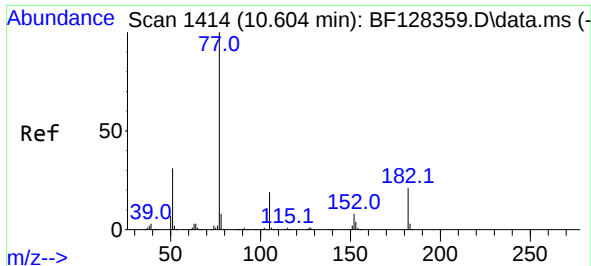
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#62
4-Nitroaniline
Concen: 39.351 ng m
RT: 10.486 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

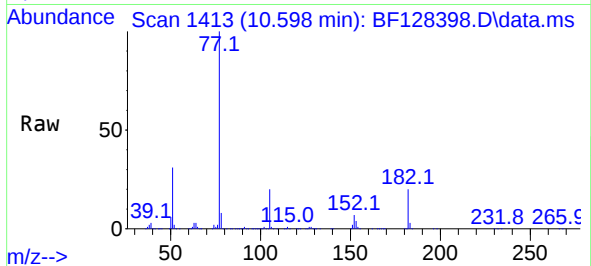
Tgt Ion:138 Resp: 106722
Ion Ratio Lower Upper
138 100
92 53.2 37.4 77.4
108 83.5 68.4 108.4





#63
Azobenzene
Concen: 44.697 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

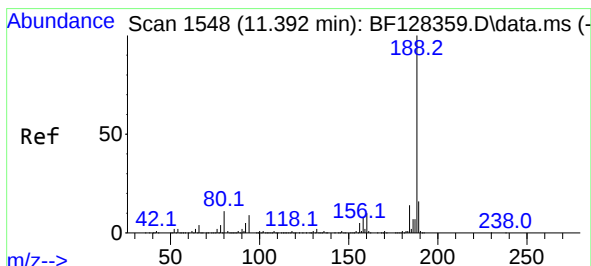
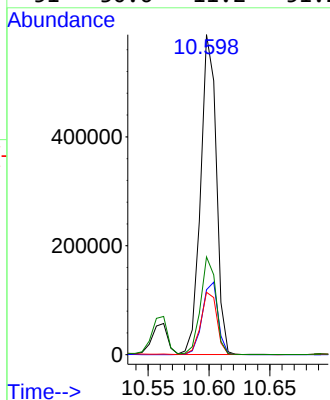
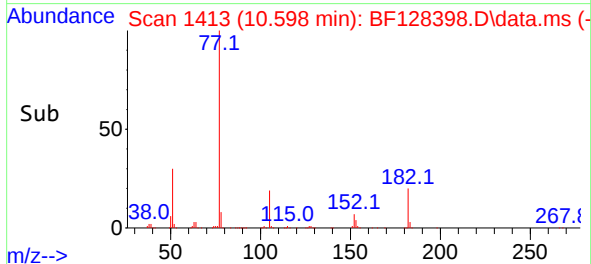
Instrument :
BNA_F
ClientSampleId :
284MSD



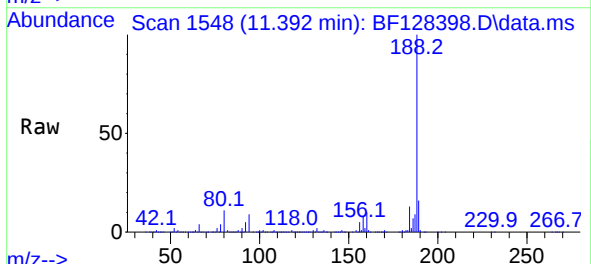
Tgt Ion: 77 Resp: 52531
Ion Ratio Lower Upper
77 100
182 20.3 1.2 41.2
105 19.5 0.0 39.8
51 30.6 11.2 51.2

Manual Integrations
APPROVED

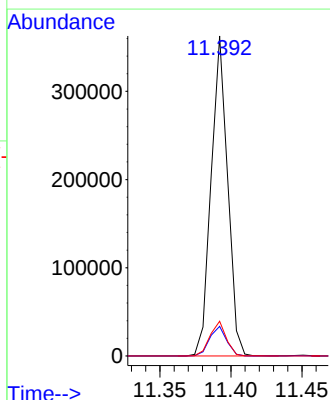
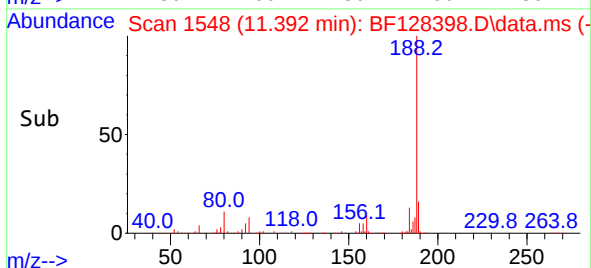
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

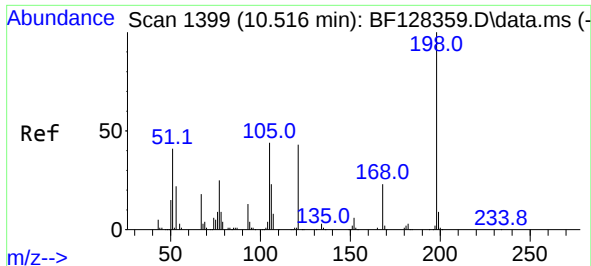


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:188 Resp: 293764
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.9 8.9 13.3





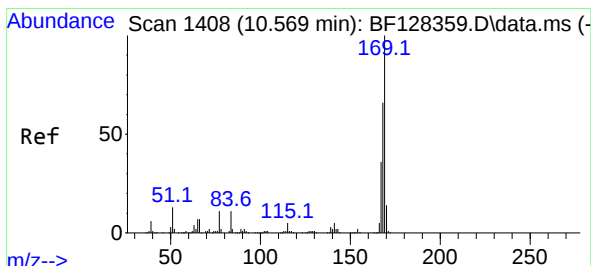
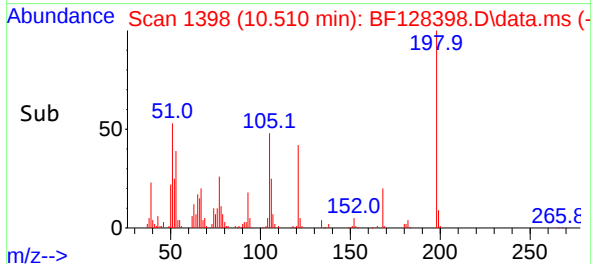
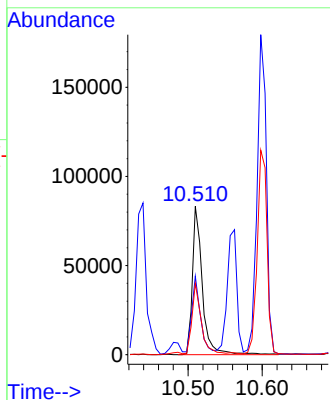
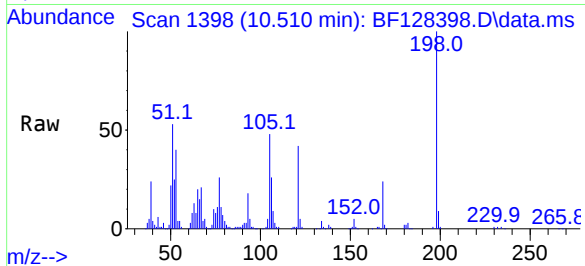
#65
4,6-Dinitro-2-methylphenol
Concen: 43.333 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
284MSD

Tgt Ion:198 Resp: 7823
Ion Ratio Lower Upper
198 100
51 52.9 28.4 68.4
105 47.9 23.4 63.4

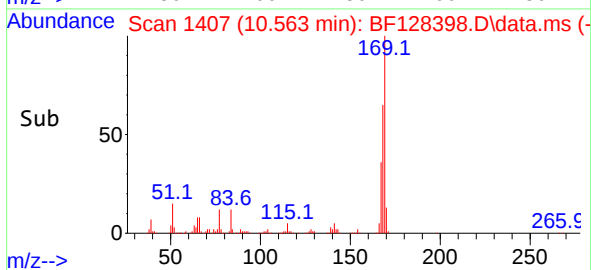
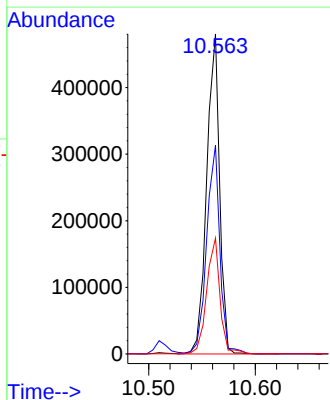
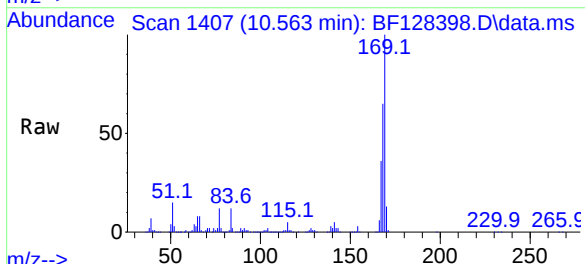
Manual Integrations
APPROVED

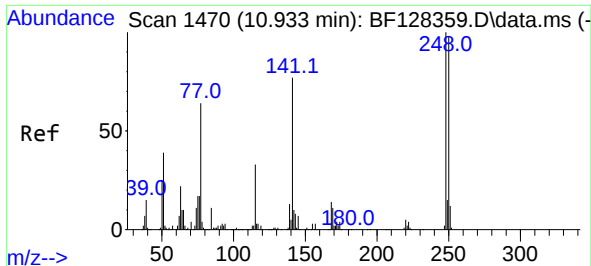
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#66
n-Nitrosodiphenylamine
Concen: 47.640 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

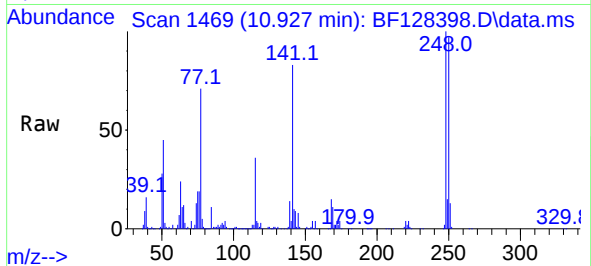
Tgt Ion:169 Resp: 405153
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.6
167 36.2 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 47.452 ng
RT: 10.927 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

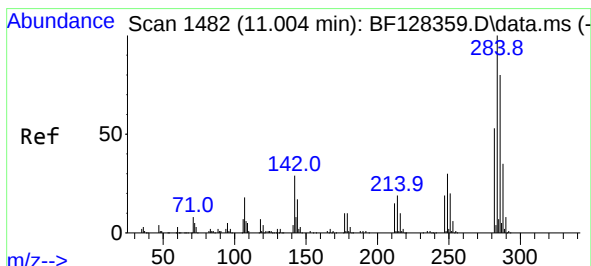
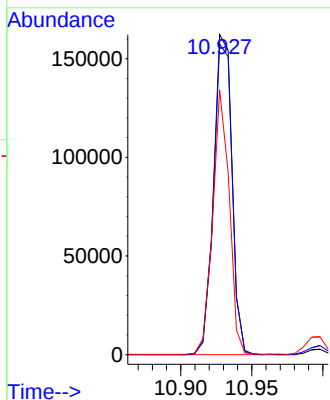
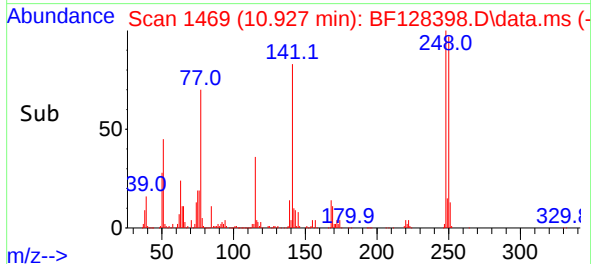
Instrument :
BNA_F
ClientSampleId :
284MSD



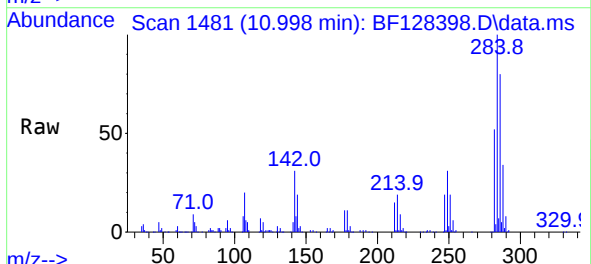
Tgt Ion:248 Resp: 145885
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 82.8 65.6 98.4

Manual Integrations
APPROVED

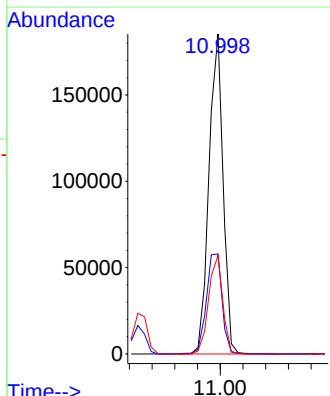
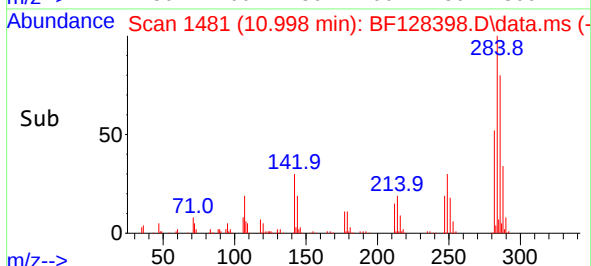
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

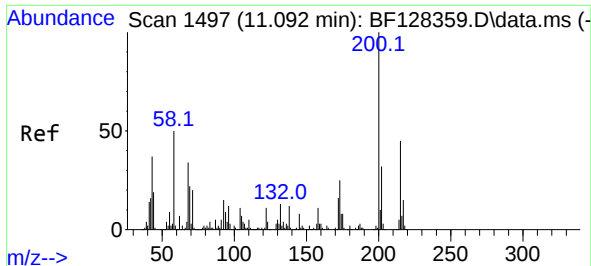


#68
Hexachlorobenzene
Concen: 47.740 ng
RT: 10.998 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



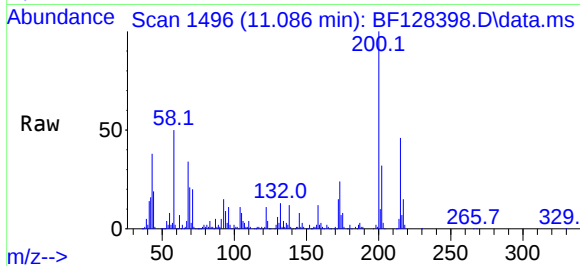
Tgt Ion:284 Resp: 159579
Ion Ratio Lower Upper
284 100
142 31.2 30.2 45.4
249 30.8 26.1 39.1





#69
Atrazine
Concen: 36.954 ng
RT: 11.086 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

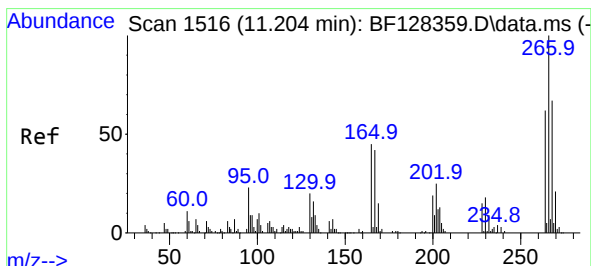
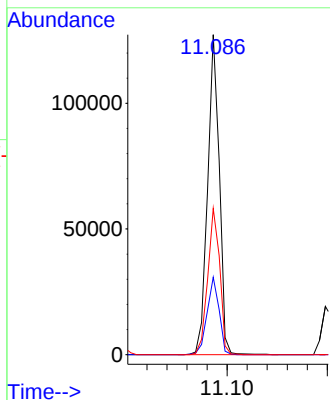
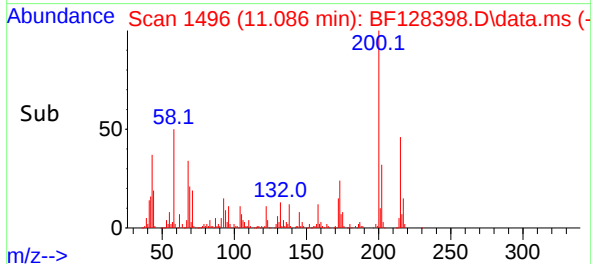
Instrument :
BNA_F
ClientSampleId :
284MSD



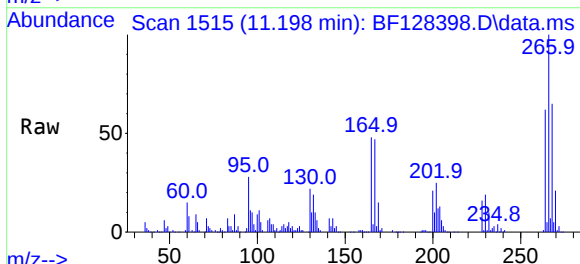
Tgt Ion:200 Resp: 103162
Ion Ratio Lower Upper
200 100
173 24.2 6.0 46.0
215 45.7 28.1 68.1

Manual Integrations
APPROVED

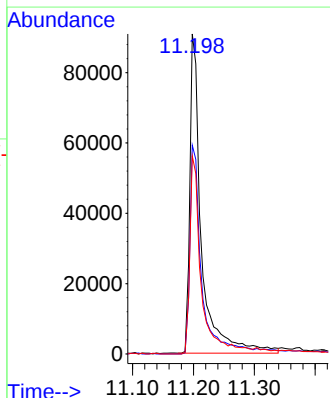
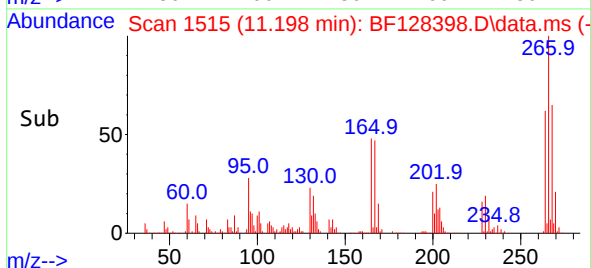
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

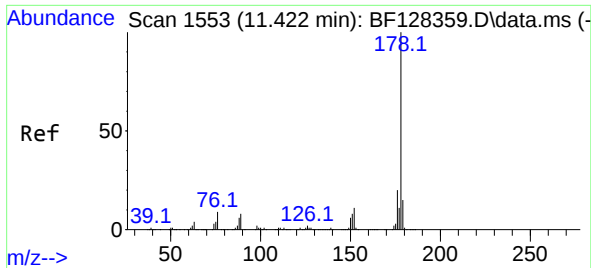


#70
Pentachlorophenol
Concen: 89.306 ng
RT: 11.198 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:266 Resp: 120805
Ion Ratio Lower Upper
266 100
268 65.2 53.0 79.6
264 61.9 53.1 79.7





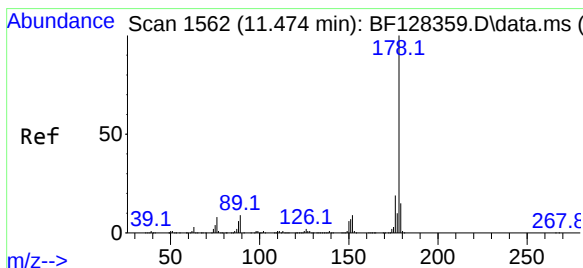
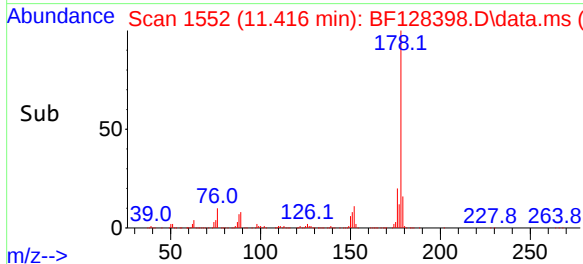
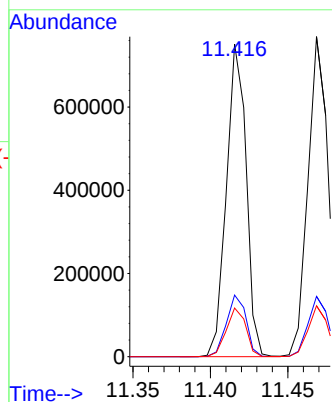
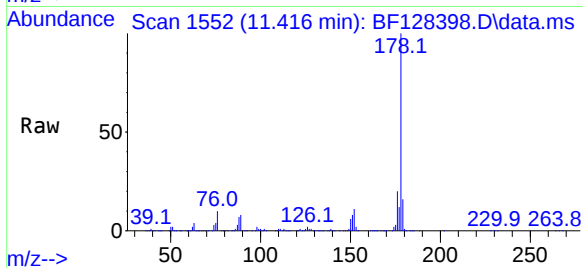
#71
Phenanthrene
Concen: 46.471 ng
RT: 11.416 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
284MSD

Tgt Ion:178 Resp: 666220
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.6 12.6 19.0

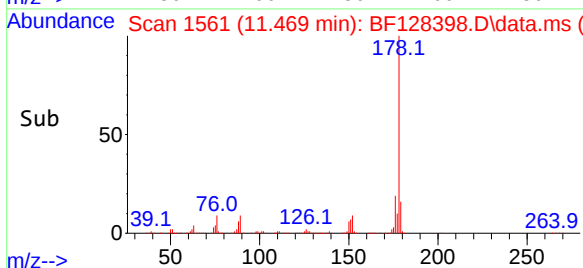
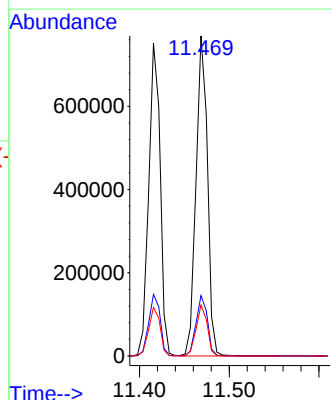
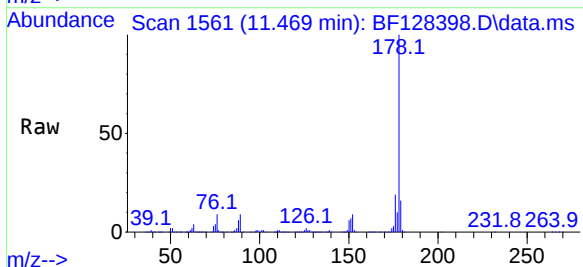
Manual Integrations
APPROVED

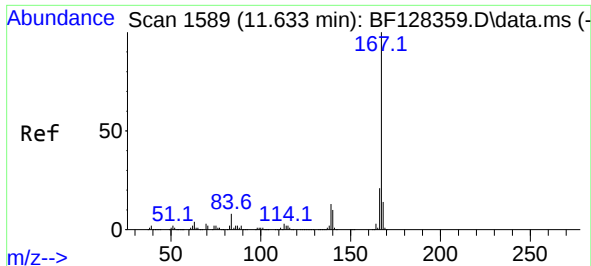
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#72
Anthracene
Concen: 47.859 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

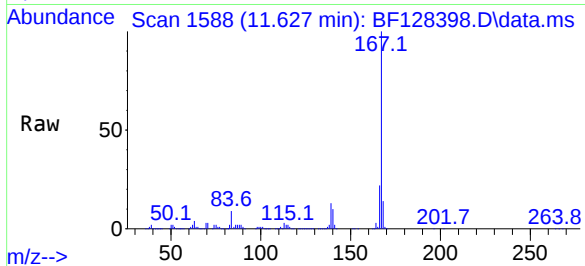
Tgt Ion:178 Resp: 681922
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.9 12.4 18.6





#73
Carbazole
Concen: 42.105 ng
RT: 11.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

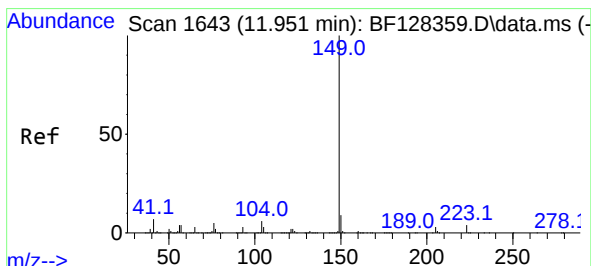
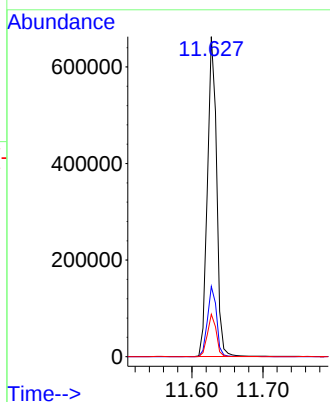
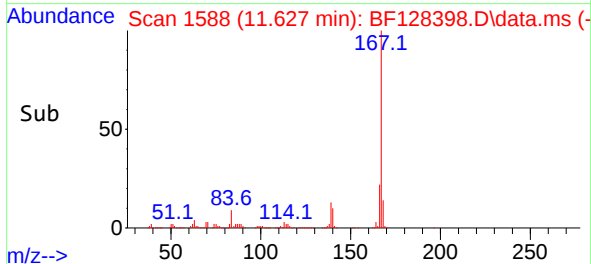
Instrument :
BNA_F
ClientSampleId :
284MSD



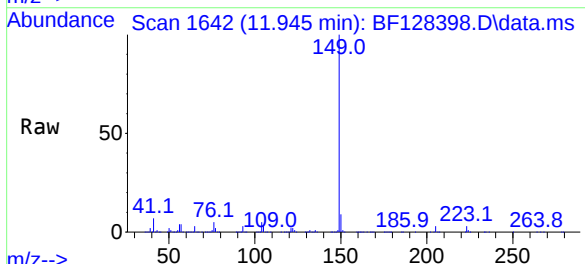
Tgt Ion:167 Resp: 598270
Ion Ratio Lower Upper
167 100
166 21.9 17.6 26.4
139 13.3 10.7 16.1

Manual Integrations
APPROVED

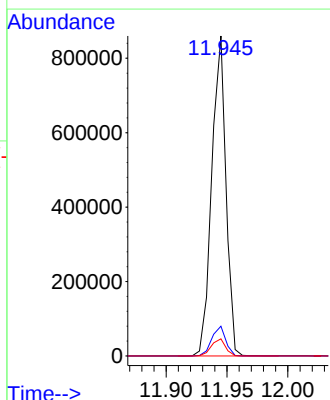
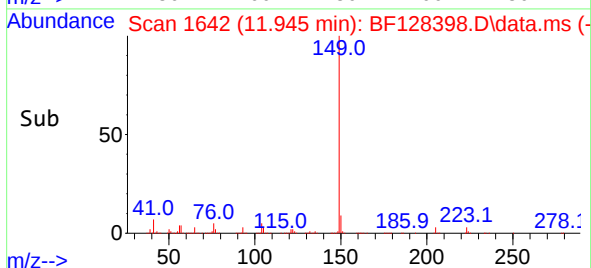
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

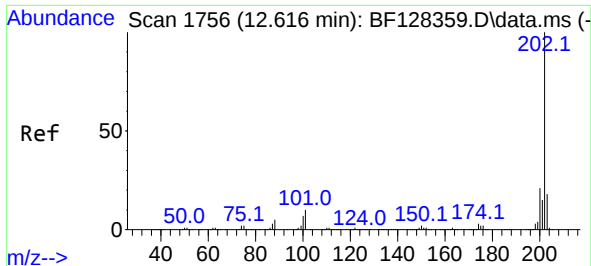


#74
Di-n-butylphthalate
Concen: 45.094 ng
RT: 11.945 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



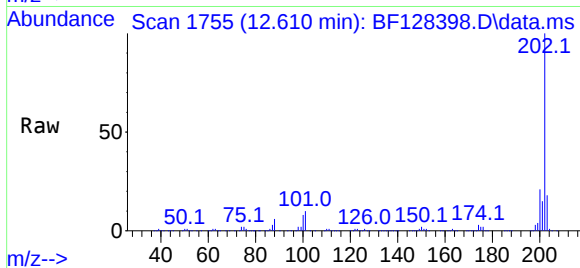
Tgt Ion:149 Resp: 699932
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 43.351 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

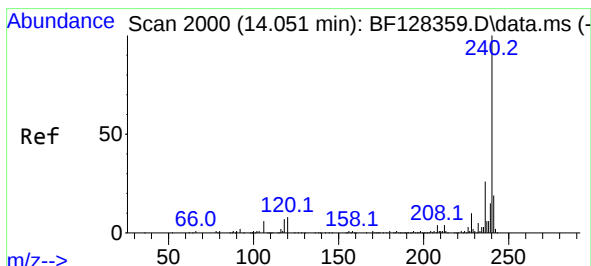
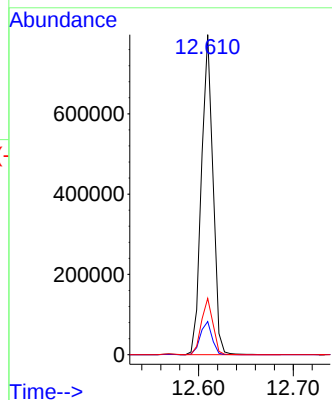
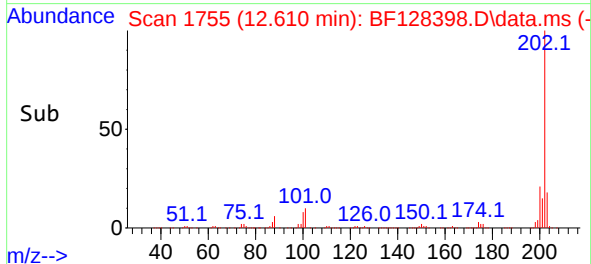
Instrument :
BNA_F
ClientSampleId :
284MSD



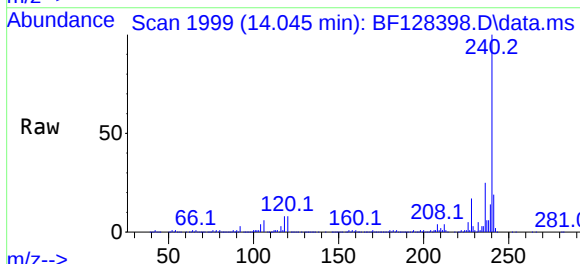
Tgt Ion:202 Resp: 673062
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.6
203 17.6 0.0 38.1

Manual Integrations
APPROVED

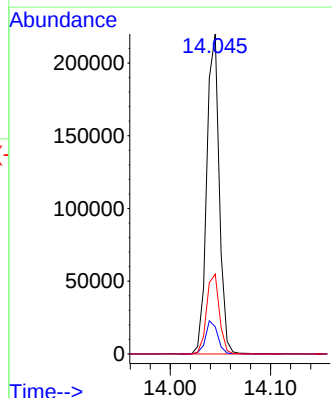
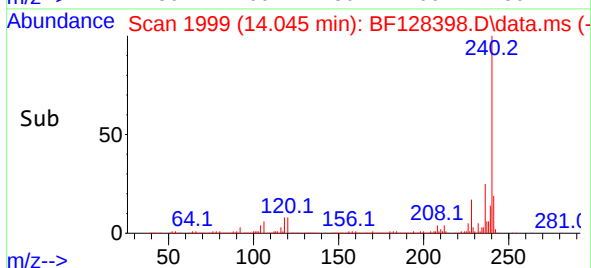
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

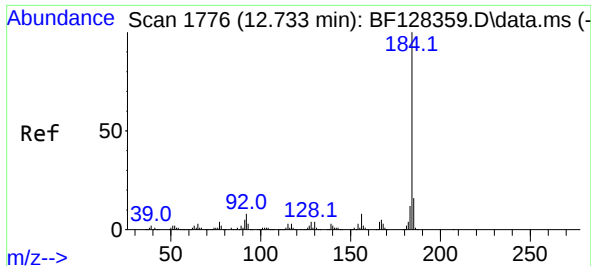


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:240 Resp: 190848
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 24.9 20.3 30.5





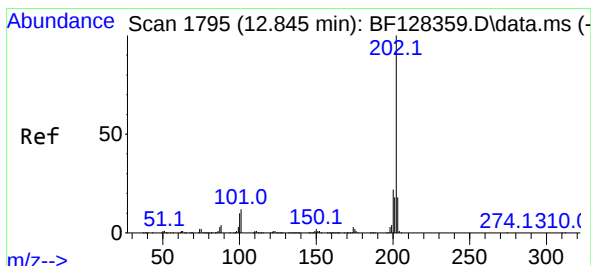
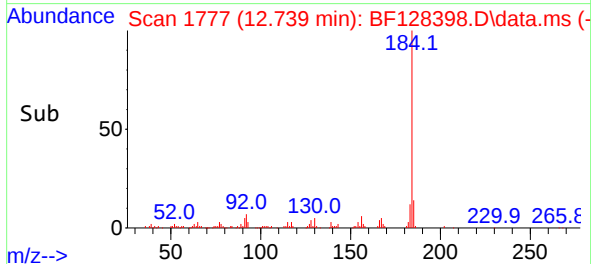
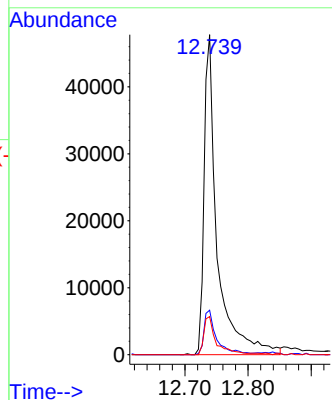
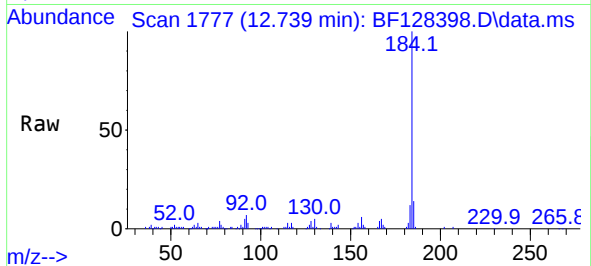
#77
Benzidine
Concen: 17.354 ng
RT: 12.739 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
284MSD

Tgt Ion:184 Resp: 6888
Ion Ratio Lower Upper
184 100
185 13.9 12.1 18.1
183 11.9 9.0 13.4

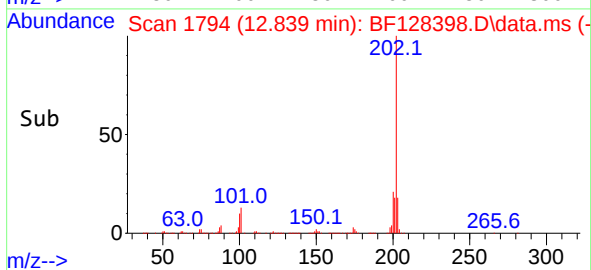
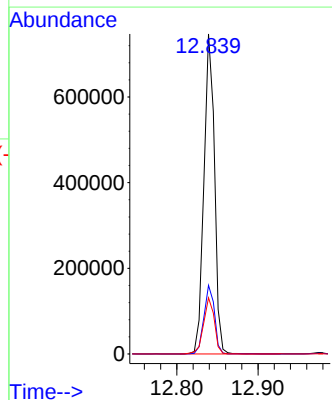
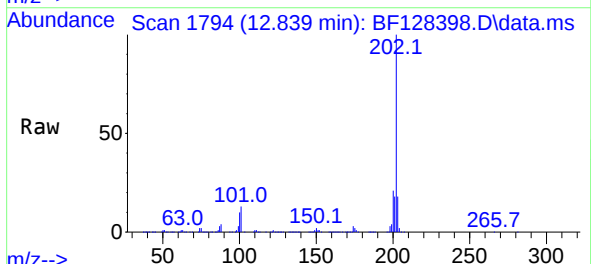
Manual Integrations
APPROVED

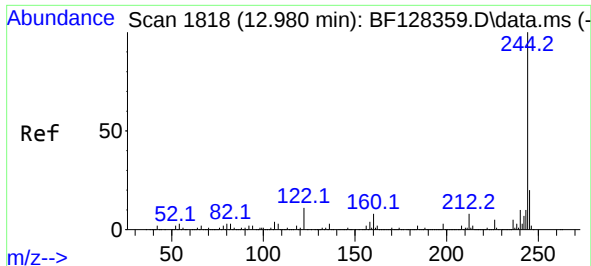
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#78
Pyrene
Concen: 47.335 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

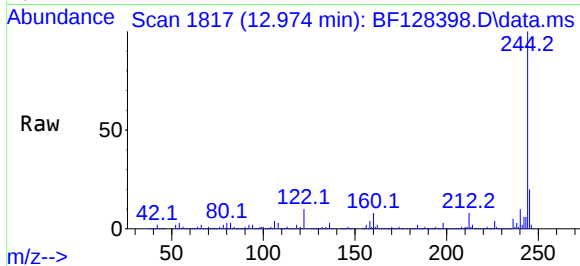
Tgt Ion:202 Resp: 676388
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.0 21.0





#79
Terphenyl-d14
Concen: 89.001 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

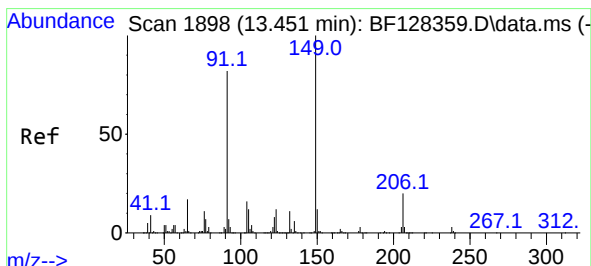
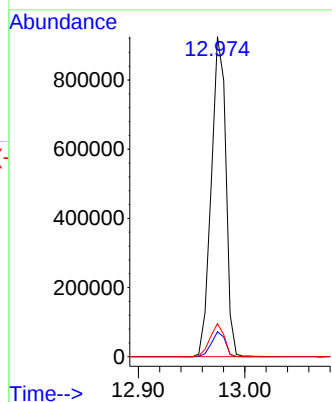
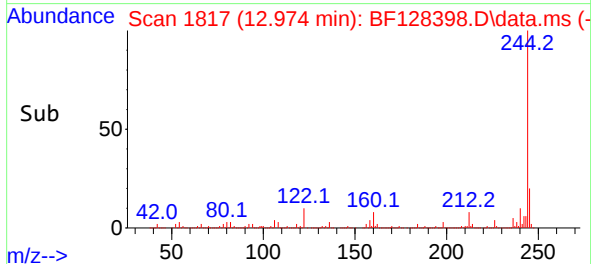
Instrument :
BNA_F
ClientSampleId :
284MSD



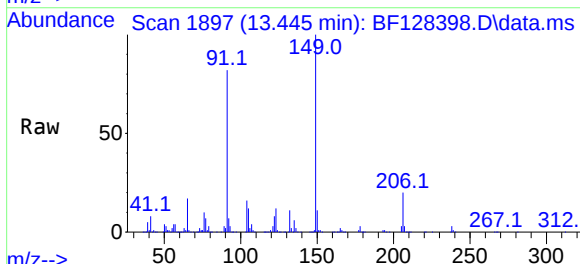
Tgt Ion:244 Resp: 879892
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.4 8.6 12.8

Manual Integrations
APPROVED

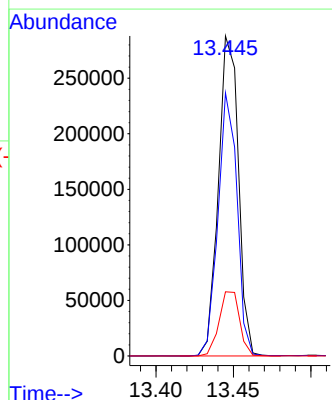
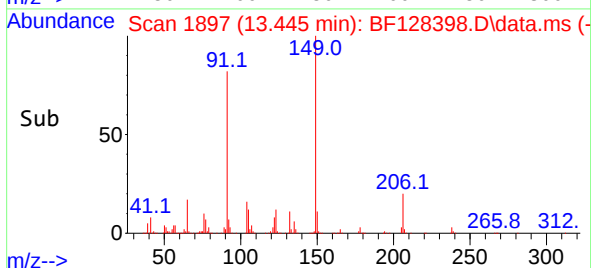
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

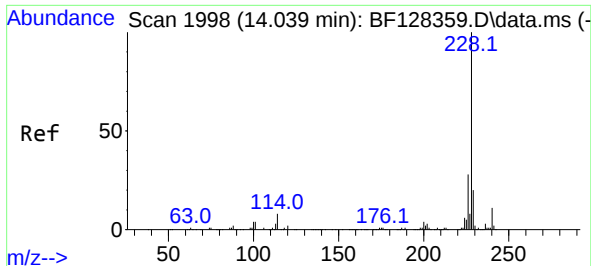


#80
Butylbenzylphthalate
Concen: 45.180 ng
RT: 13.445 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



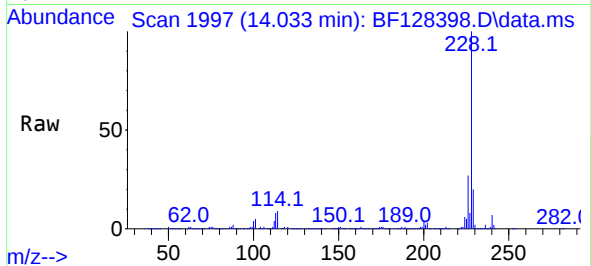
Tgt Ion:149 Resp: 258905
Ion Ratio Lower Upper
149 100
91 82.2 65.8 98.6
206 20.0 15.4 23.2





#81
Benzo(a)anthracene
Concen: 46.882 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

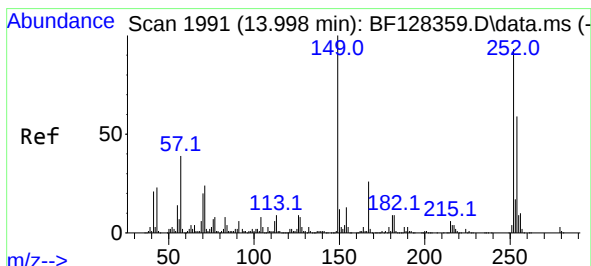
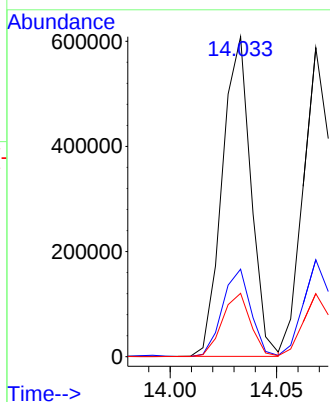
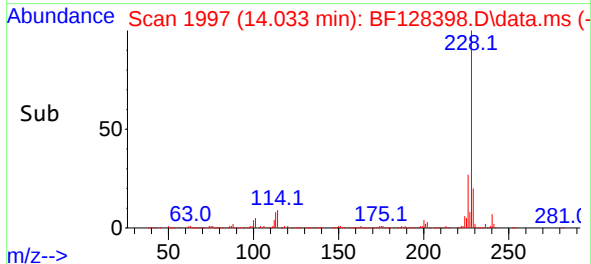
Instrument :
BNA_F
ClientSampleId :
284MSD



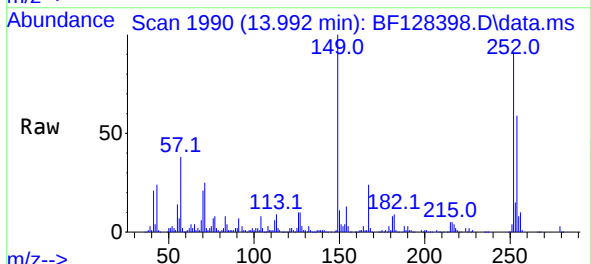
Tgt Ion:228 Resp: 56926
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.4 23.2

Manual Integrations
APPROVED

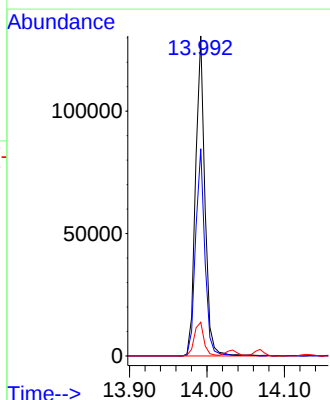
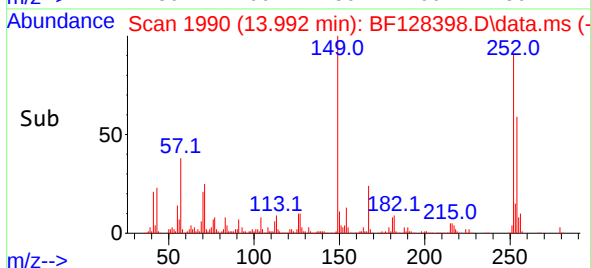
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

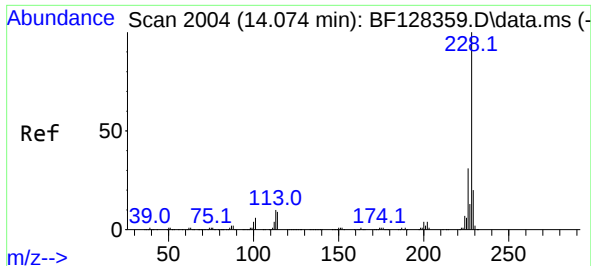


#82
3,3'-Dichlorobenzidine
Concen: 39.515 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



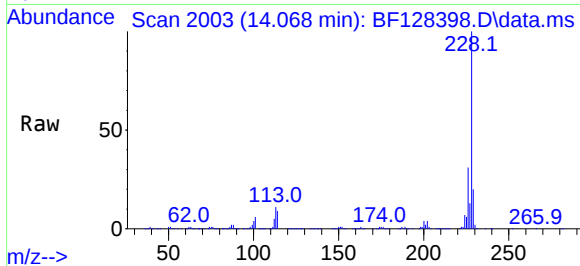
Tgt Ion:252 Resp: 109493
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 10.6 8.8 13.2





#83
Chrysene
Concen: 45.691 ng
RT: 14.068 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

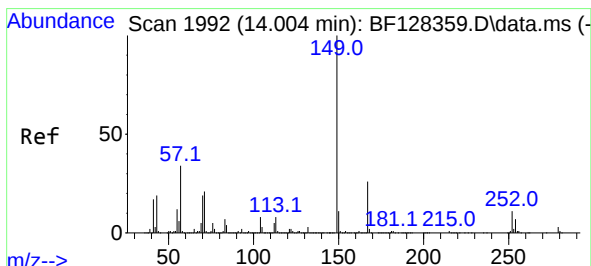
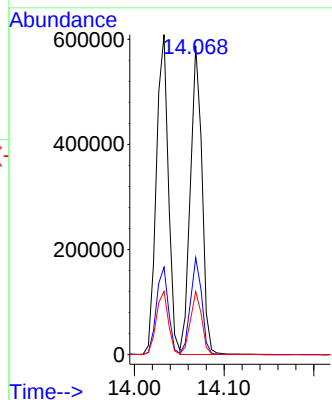
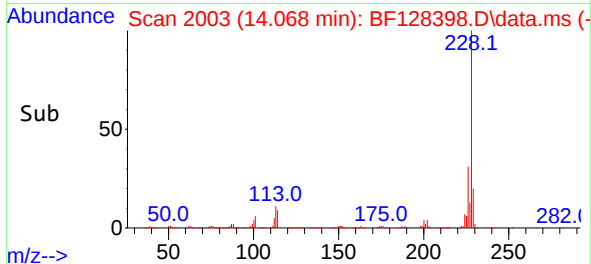
Instrument :
BNA_F
ClientSampleId :
284MSD



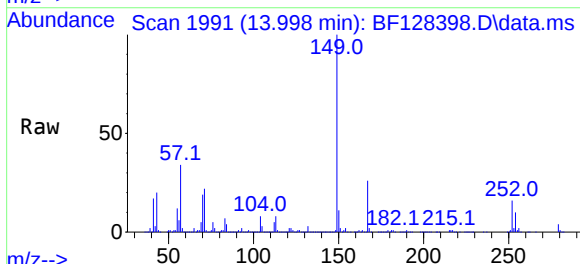
Tgt Ion:228 Resp: 52840
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 20.4 15.8 23.8

Manual Integrations
APPROVED

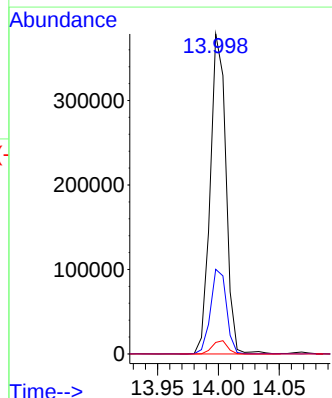
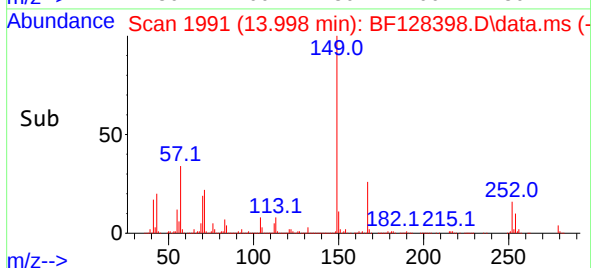
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

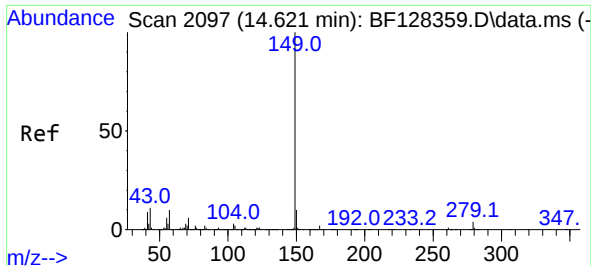


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.735 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



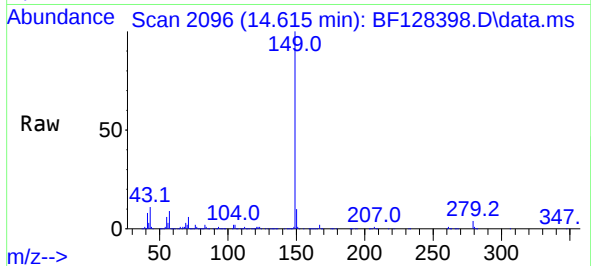
Tgt Ion:149 Resp: 338989
Ion Ratio Lower Upper
149 100
167 26.5 22.0 33.0
279 3.6 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 44.144 ng
RT: 14.615 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

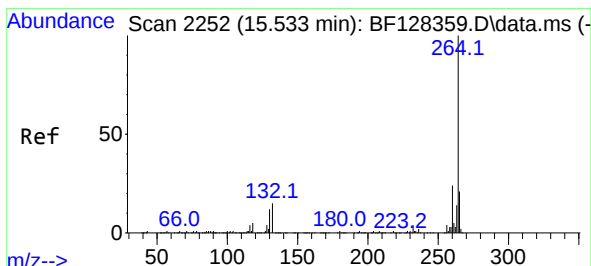
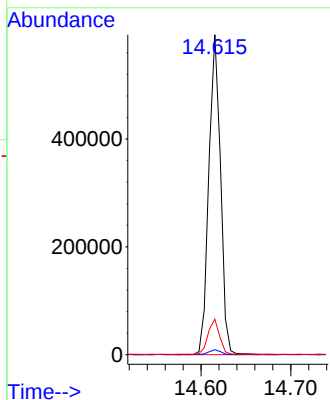
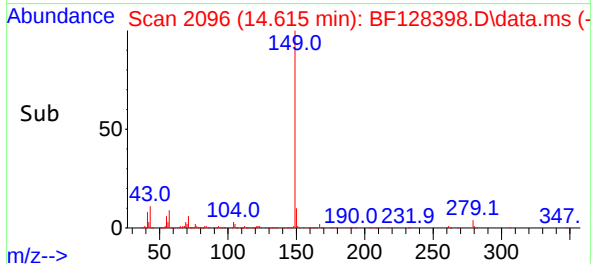
Instrument :
BNA_F
ClientSampleId :
284MSD



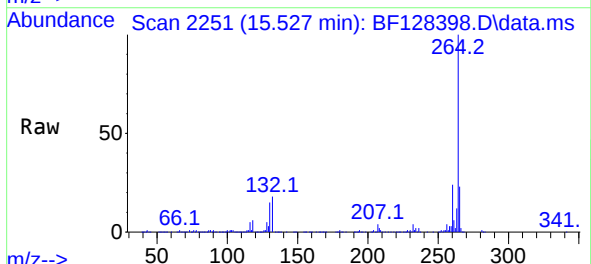
Tgt Ion:149 Resp: 53754
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.9 13.3

Manual Integrations
APPROVED

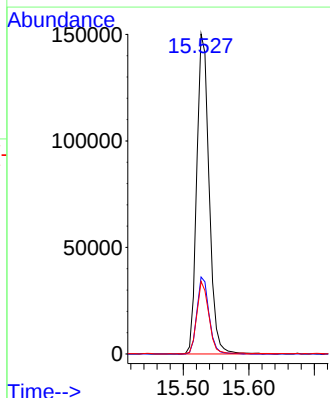
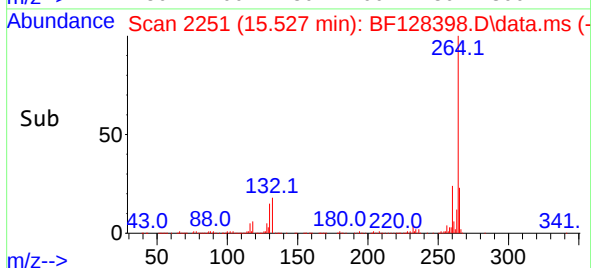
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

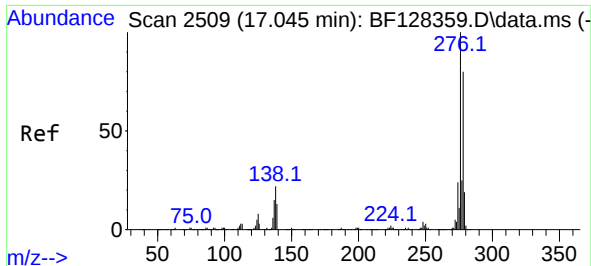


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



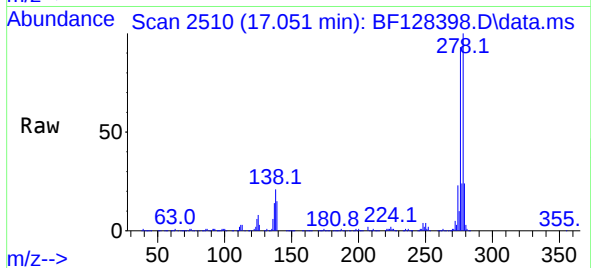
Tgt Ion:264 Resp: 197000
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 22.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.079 ng
RT: 17.051 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

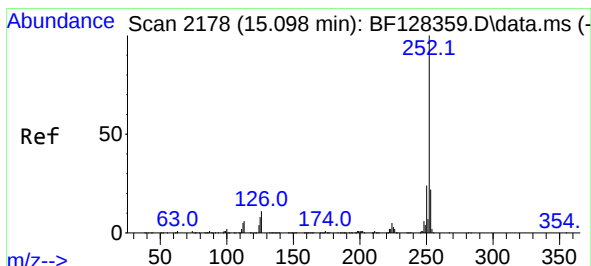
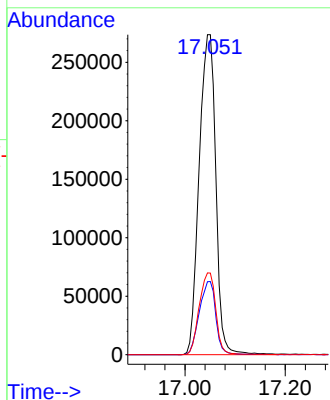
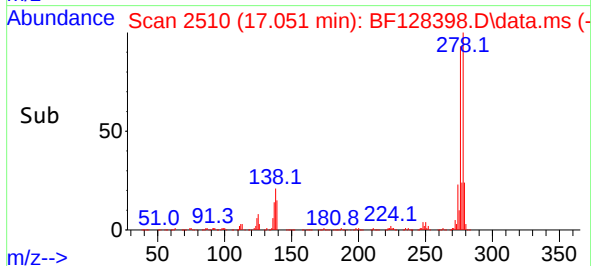
Instrument :
BNA_F
ClientSampleId :
284MSD



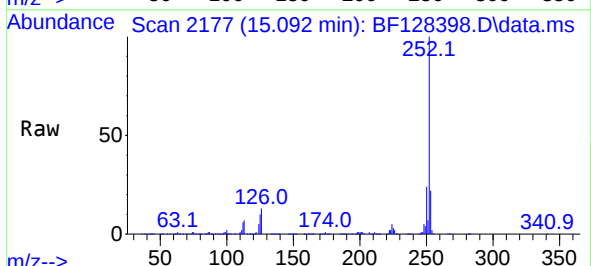
Tgt Ion:276 Resp: 630564
Ion Ratio Lower Upper
276 100
138 22.7 19.0 28.4
277 25.5 20.1 30.1

Manual Integrations
APPROVED

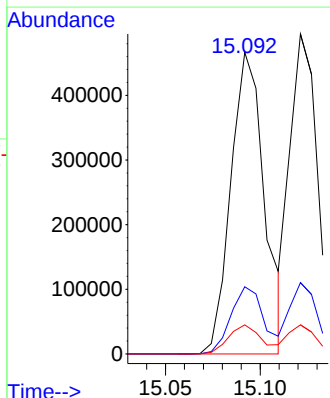
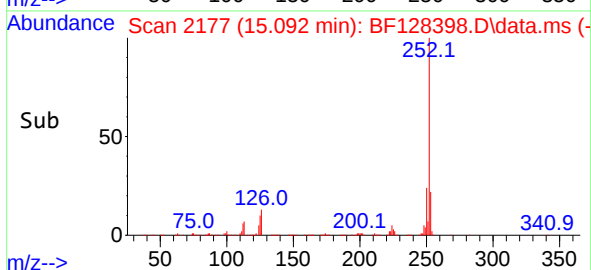
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

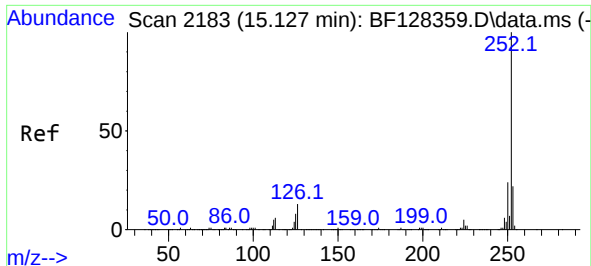


#88
Benzo(b)fluoranthene
Concen: 47.012 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:252 Resp: 576112
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.746 ng

RT: 15.121 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

284MSD

Tgt Ion:252 Resp: 51358

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

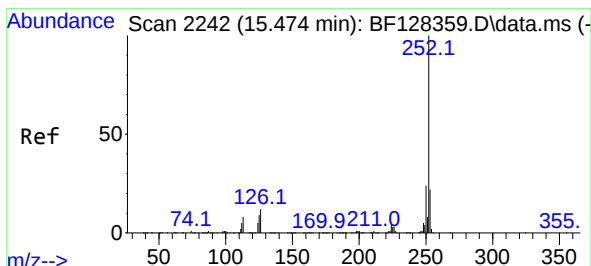
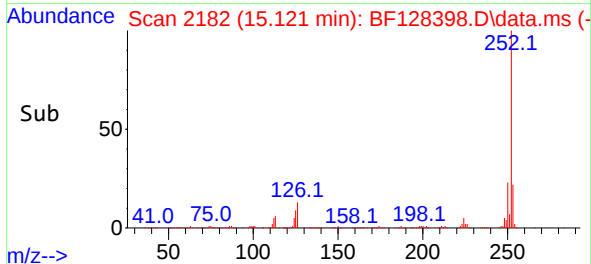
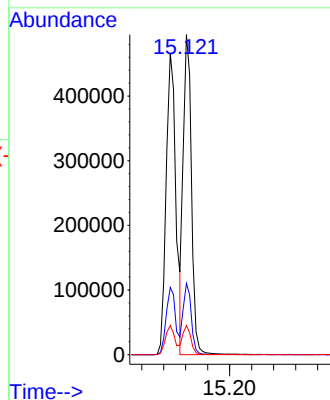
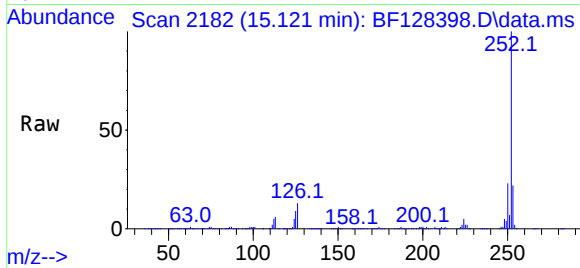
125 9.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2022

Supervised By :Jagrut Upadhyay 05/24/2022



#90

Benzo(a)pyrene

Concen: 54.751 ng

RT: 15.468 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BF128398.D

Acq: 23 May 2022 14:05

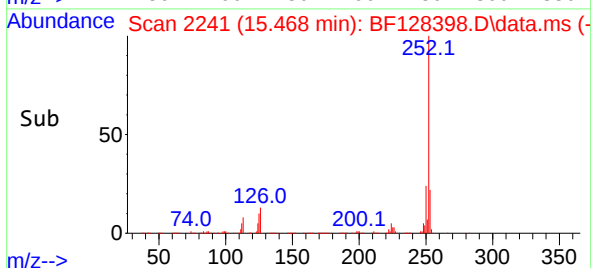
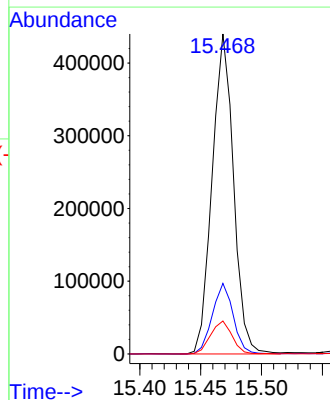
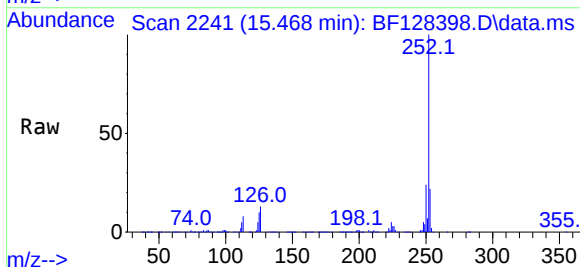
Tgt Ion:252 Resp: 538617

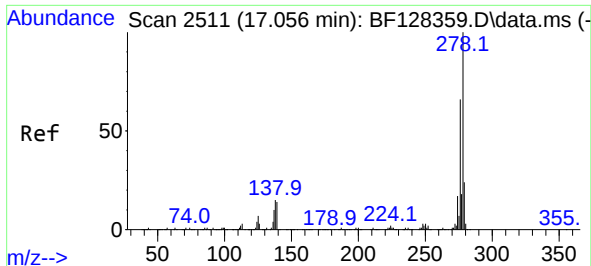
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

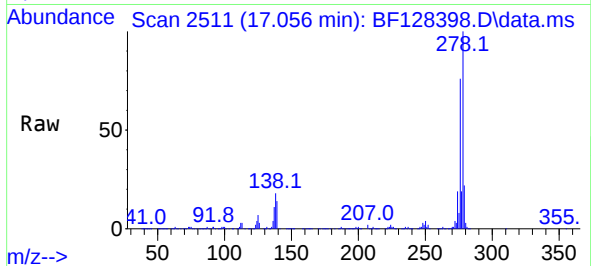
125 10.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 59.932 ng
RT: 17.056 min Scan# 2511
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05

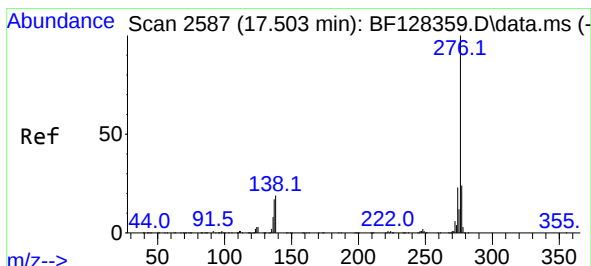
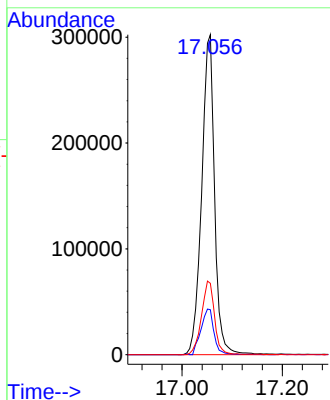
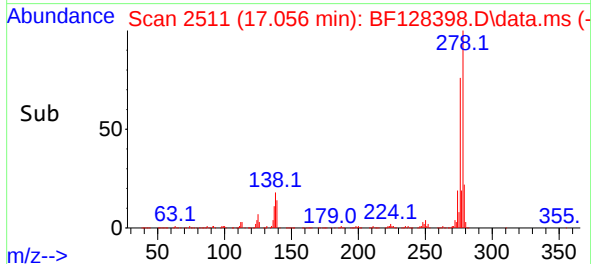
Instrument :
BNA_F
ClientSampleId :
284MSD



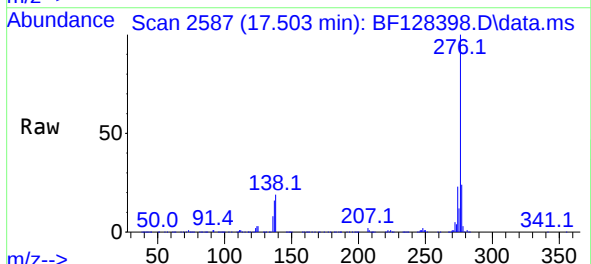
Tgt Ion:278 Resp: 54071
Ion Ratio Lower Upper
278 100
139 14.1 12.6 19.0
279 22.3 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#92
Benzo(g,h,i)perylene
Concen: 61.827 ng
RT: 17.503 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BF128398.D
Acq: 23 May 2022 14:05



Tgt Ion:276 Resp: 581942
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 19.3 16.2 24.2

