

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128560.D
 Acq On : 28 May 2022 21:08
 Operator : CG\JU
 Sample : N2932-17MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P016-SS005-0006-01MS

Manual Integrations
 APPROVED

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

Quant Time: May 28 22:43:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	172435	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	639476	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	332725	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	548150	20.000	ng	0.00
76) Chrysene-d12	14.010	240	338441	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	358803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1160047	111.434	ng	0.01
7) Phenol-d6	6.475	99	1481076	111.583	ng	0.00
23) Nitrobenzene-d5	7.404	82	1016931	91.739	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	376696	118.945	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1765492	86.206	ng	0.00
79) Terphenyl-d14	12.951	244	1469951	83.911	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	187262	40.342	ng	98
3) Pyridine	3.422	79	485733	40.418	ng	98
4) n-Nitrosodimethylamine	3.387	42	318702	50.606	ng	90
6) Aniline	6.498	93	664549	42.905	ng	97
8) 2-Chlorophenol	6.622	128	540893	50.109	ng	96
9) Benzaldehyde	6.393	77	357531	78.217	ng	98
10) Phenol	6.487	94	633423m	48.159	ng	
11) bis(2-Chloroethyl)ether	6.581	93	509493	47.320	ng	97
12) 1,3-Dichlorobenzene	6.781	146	585811	47.766	ng	99
13) 1,4-Dichlorobenzene	6.857	146	587838	47.388	ng	99
14) 1,2-Dichlorobenzene	7.010	146	563749	49.377	ng	99
15) Benzyl Alcohol	6.981	79	490237	48.426	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	884461	46.415	ng	98
17) 2-Methylphenol	7.092	107	436082	47.466	ng	97
18) Hexachloroethane	7.351	117	220542	50.401	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	383548	47.128	ng	98
20) 3+4-Methylphenols	7.245	107	505413	45.537	ng	91
22) Acetophenone	7.251	105	719788	48.815	ng	# 89
24) Nitrobenzene	7.428	77	587812	53.638	ng	96
25) Isophorone	7.663	82	1082728	52.948	ng	97
26) 2-Nitrophenol	7.739	139	275067	60.054	ng	97
27) 2,4-Dimethylphenol	7.775	122	507673m	55.763	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	625199	47.109	ng	99
29) 2,4-Dichlorophenol	7.981	162	450539	47.818	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	482924	47.319	ng	98
31) Naphthalene	8.145	128	1498959	47.893	ng	100
32) Benzoic acid	7.904	122	353627	54.948	ng	97
33) 4-Chloroaniline	8.192	127	387733	31.113	ng	98
34) Hexachlorobutadiene	8.263	225	315794	49.008	ng	99
35) Caprolactam	8.575	113	138562m	47.692	ng	
36) 4-Chloro-3-methylphenol	8.675	107	477980	49.383	ng	97
37) 2-Methylnaphthalene	8.834	142	947872	47.980	ng	99
38) 1-Methylnaphthalene	8.934	142	895402	46.601	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	462260	50.594	ng	99
41) Hexachlorocyclopentadiene	8.992	237	517028	100.668	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	328941	48.821	ng	96

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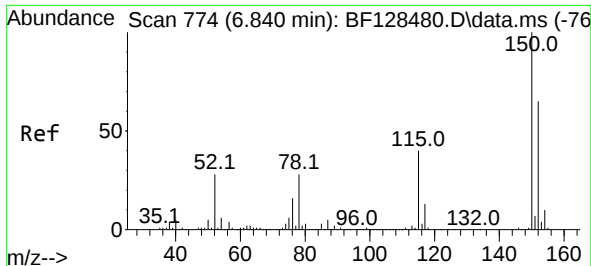
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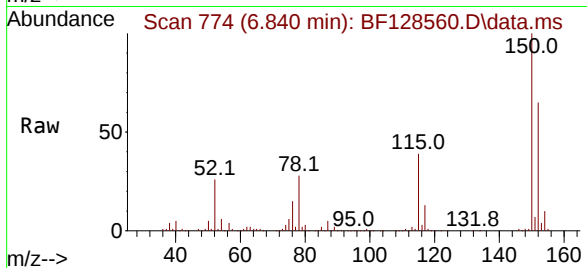
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	341178	49.145	ng	# 94
46) 1,1'-Biphenyl	9.304	154	1159939	49.648	ng	99
47) 2-Chloronaphthalene	9.328	162	914213	49.848	ng	99
48) 2-Nitroaniline	9.422	65	312866	61.347	ng	98
49) Acenaphthylene	9.745	152	1443022	51.217	ng	99
50) Dimethylphthalate	9.610	163	1091816	50.588	ng	100
51) 2,6-Dinitrotoluene	9.669	165	238204	60.221	ng	97
52) Acenaphthene	9.916	154	945523	54.393	ng	99
53) 3-Nitroaniline	9.833	138	190474	41.697	ng	97
54) 2,4-Dinitrophenol	9.939	184	210898	102.978	ng	93
55) Dibenzofuran	10.086	168	1220962	47.340	ng	94
56) 4-Nitrophenol	9.998	139	364376	98.300	ng	82
57) 2,4-Dinitrotoluene	10.069	165	306049	64.673	ng	96
58) Fluorene	10.433	166	898731	48.403	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	266135	47.305	ng	99
60) Diethylphthalate	10.310	149	1040750	49.641	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	458638	48.685	ng	93
62) 4-Nitroaniline	10.451	138	215784	49.338	ng	94
63) Azobenzene	10.586	77	1007466	47.201	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	137048	53.402	ng	96
66) n-Nitrosodiphenylamine	10.545	169	859806	52.392	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	296408	52.338	ng	94
68) Hexachlorobenzene	10.975	284	321613	51.424	ng	99
69) Atrazine	11.075	200	277158	54.416	ng	98
70) Pentachlorophenol	11.169	266	351554	92.243	ng	97
71) Phenanthrene	11.392	178	1248393	48.077	ng	99
72) Anthracene	11.445	178	1271122	49.007	ng	99
73) Carbazole	11.598	167	1087826	43.763	ng	99
74) Di-n-butylphthalate	11.933	149	1461170	49.943	ng	100
75) Fluoranthene	12.580	202	1175403	42.340	ng	97
77) Benzidine	12.704	184	666887	85.429	ng	99
78) Pyrene	12.810	202	1165840	45.725	ng	99
80) Butylbenzylphthalate	13.433	149	521376	48.480	ng	92
81) Benzo(a)anthracene	13.998	228	966208	48.032	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	360807	70.047	ng	99
83) Chrysene	14.033	228	976620	47.406	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	691180	53.138	ng	99
85) Di-n-octyl phthalate	14.610	149	1196767	52.269	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1048664	49.553	ng	96
88) Benzo(b)fluoranthene	15.045	252	1118078	50.093	ng	99
89) Benzo(k)fluoranthene	15.080	252	963385m	46.585	ng	
90) Benzo(a)pyrene	15.415	252	1010051	56.403	ng	# 97
91) Dibenzo(a,h)anthracene	16.957	278	923843	52.651	ng	97
92) Benzo(g,h,i)perylene	17.380	276	879539	50.536	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

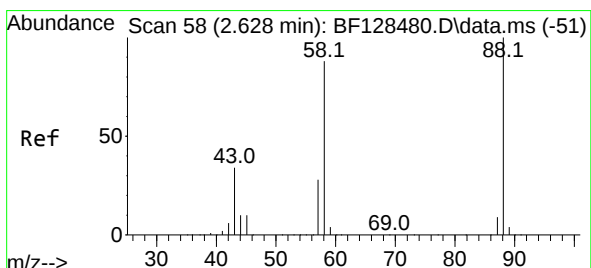
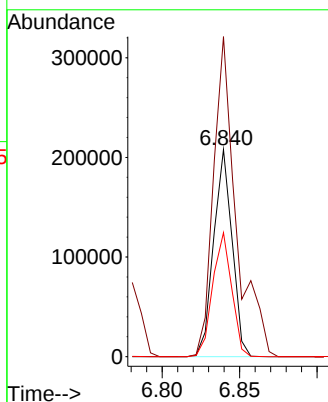
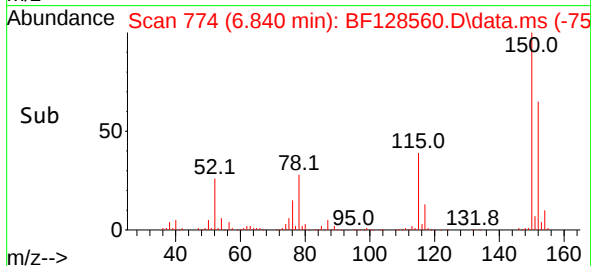
Instrument :
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P016-SS005-0006-01MS



Tgt Ion: 152 Resp: 172438
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 59.8 49.9 74.9

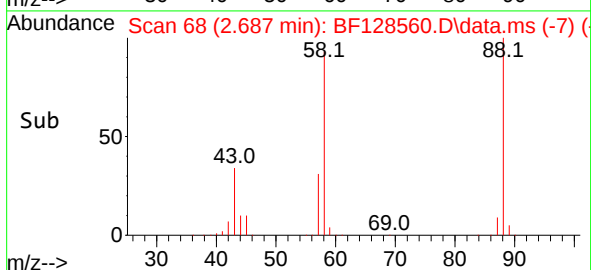
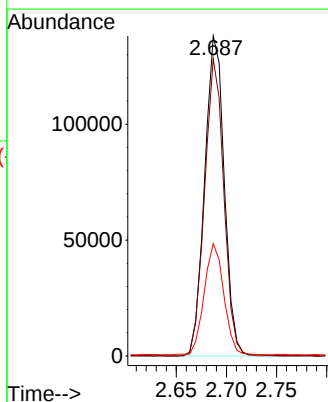
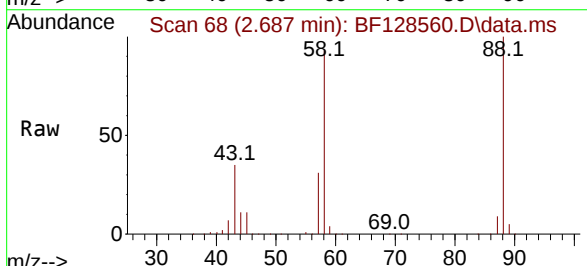
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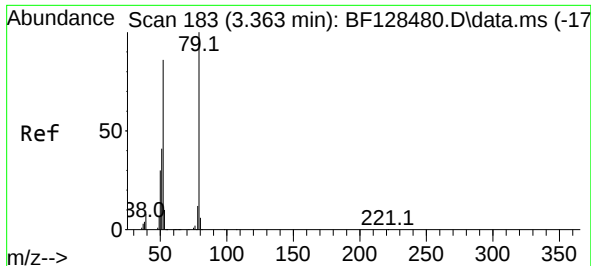
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#2
1,4-Dioxane
Concen: 40.342 ng
RT: 2.687 min Scan# 68
Delta R.T. 0.059 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

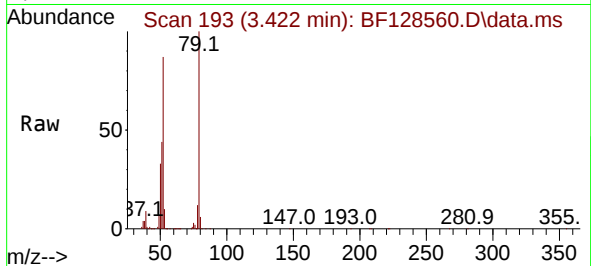
Tgt Ion: 88 Resp: 187262
Ion Ratio Lower Upper
88 100
58 91.8 71.8 107.8
43 34.9 26.6 39.8





#3
Pyridine
Concen: 40.418 ng
RT: 3.422 min Scan# 193
Delta R.T. 0.059 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

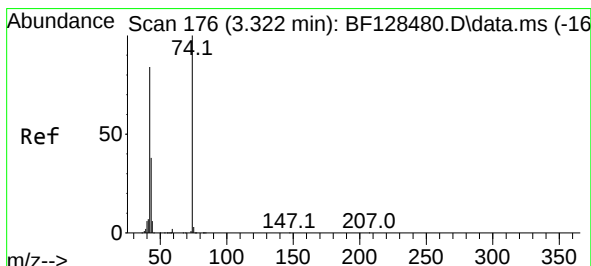
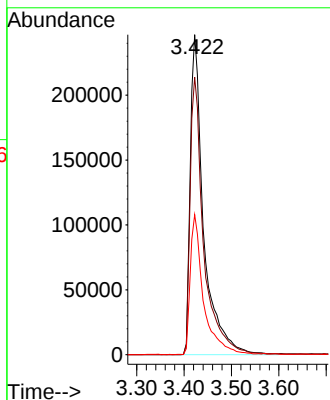
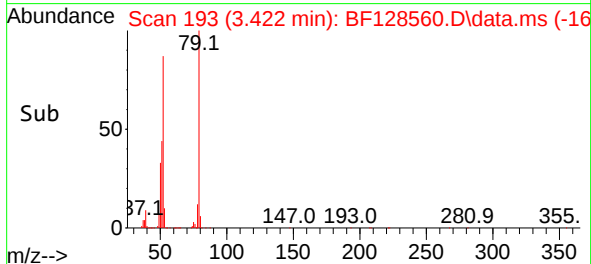
Instrument :
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P016-SS005-0006-01MS



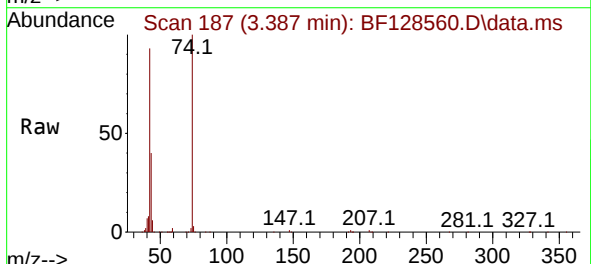
Tgt Ion: 79 Resp: 48573
Ion Ratio Lower Upper
79 100
52 86.8 68.6 102.8
51 43.8 32.9 49.3

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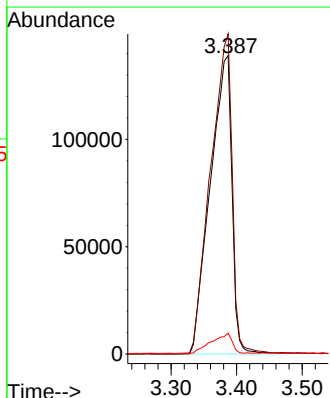
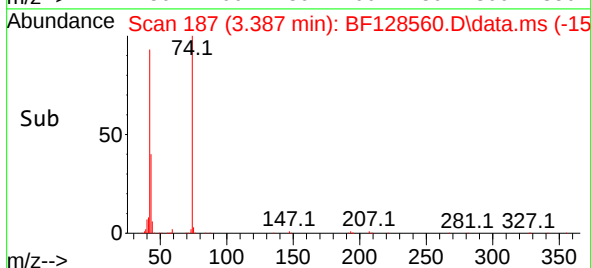
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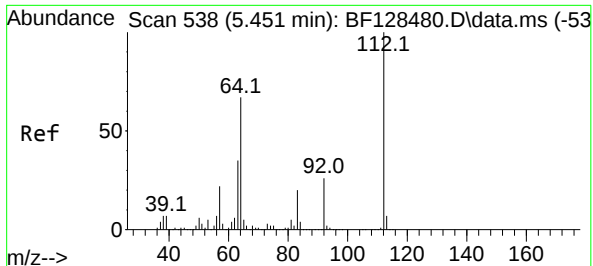


#4
n-Nitrosodimethylamine
Concen: 50.606 ng
RT: 3.387 min Scan# 187
Delta R.T. 0.065 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



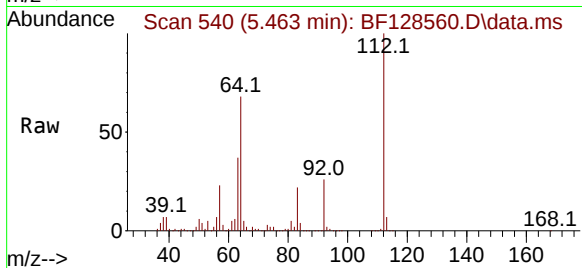
Tgt Ion: 42 Resp: 318702
Ion Ratio Lower Upper
42 100
74 107.2 94.8 142.2
44 7.0 6.6 10.0





#5
2-Fluorophenol
Concen: 111.434 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

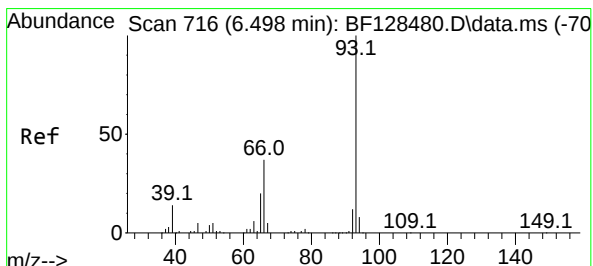
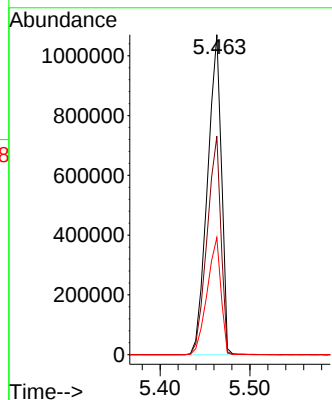
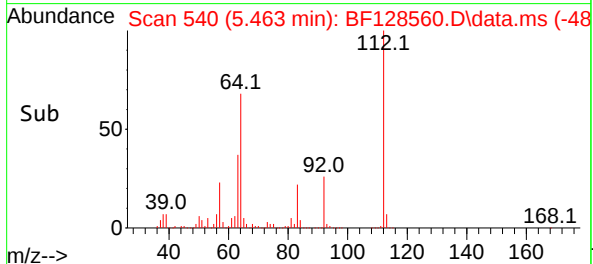
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Tgt Ion: 112 Resp: 116004
Ion Ratio Lower Upper
112 100
64 68.2 53.3 79.9
63 36.6 28.0 42.0

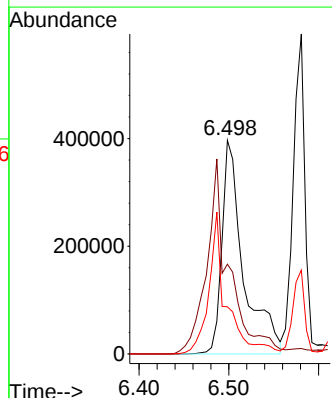
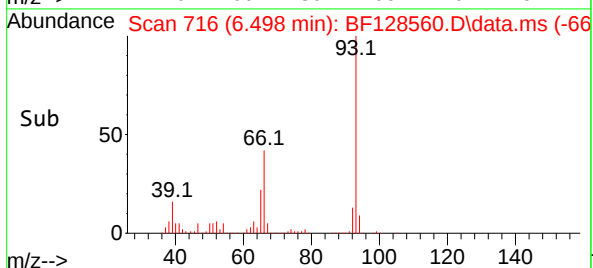
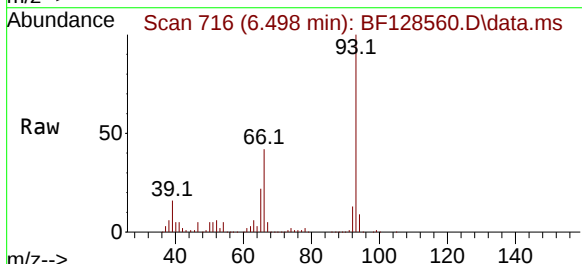
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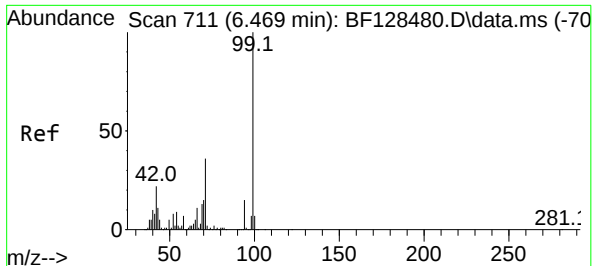
Reviewed By :Christian Giraldo 05/29/2022
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#6
Aniline
Concen: 42.905 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

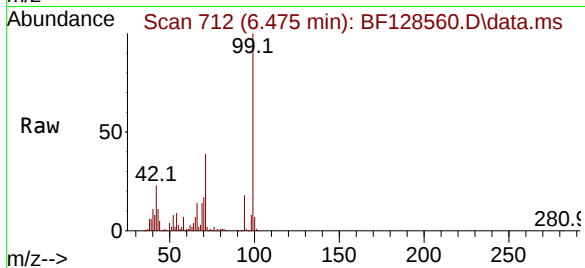
Tgt Ion: 93 Resp: 664549
Ion Ratio Lower Upper
93 100
66 42.0 32.5 48.7
65 22.1 16.4 24.6





#7
Phenol-d6
Concen: 111.583 ng
RT: 6.475 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

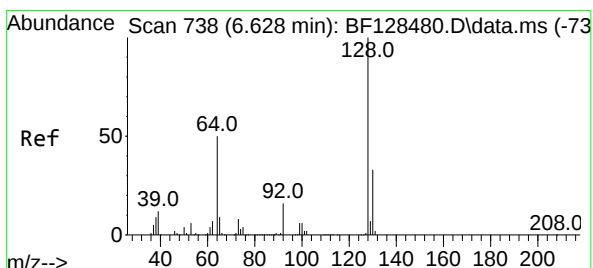
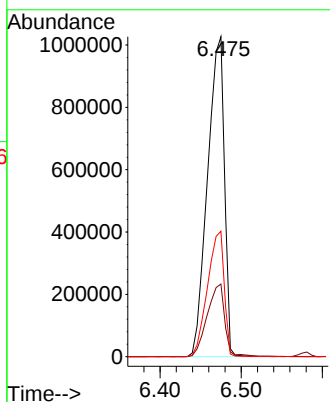
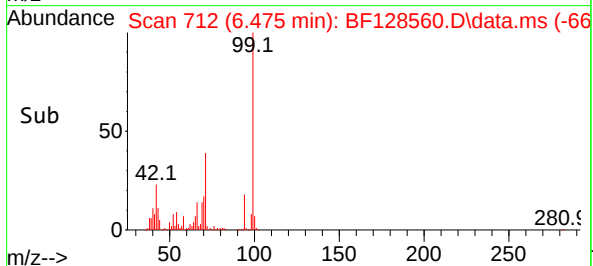
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Tgt Ion: 99 Resp: 1481070
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 39.2 28.9 43.3

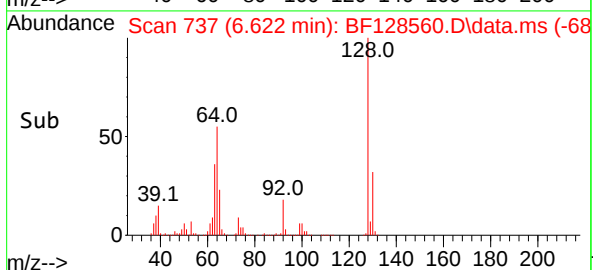
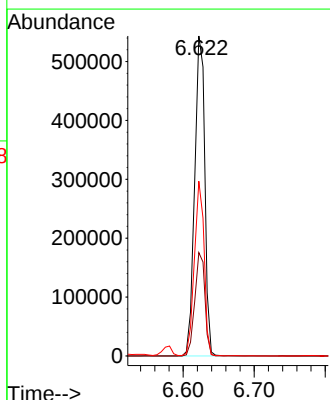
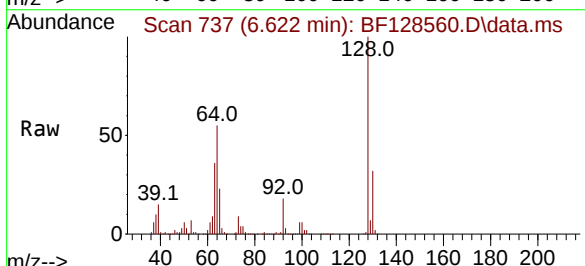
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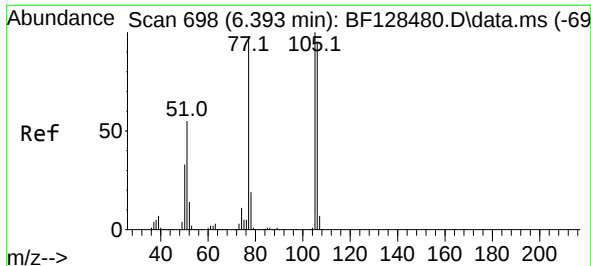
Reviewed By :Christian Giraldo 05/29/2022
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#8
2-Chlorophenol
Concen: 50.109 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

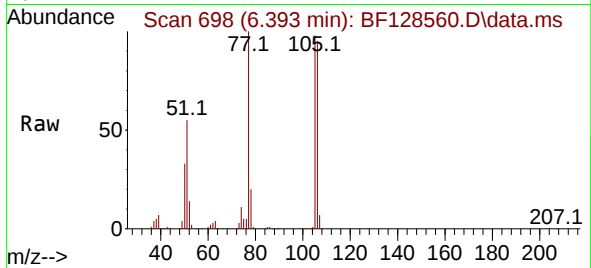
Tgt Ion:128 Resp: 540893
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 54.6 30.9 70.9





#9
Benzaldehyde
Concen: 78.217 ng
RT: 6.393 min Scan# 698
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

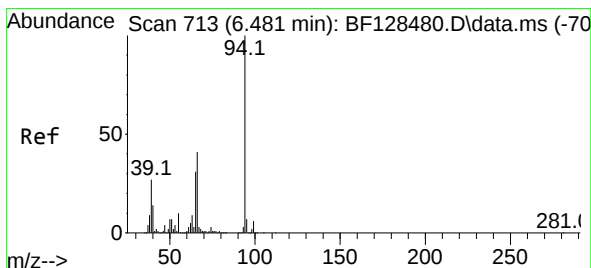
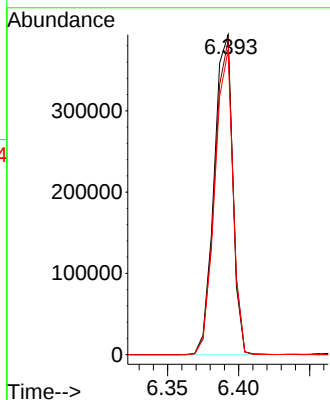
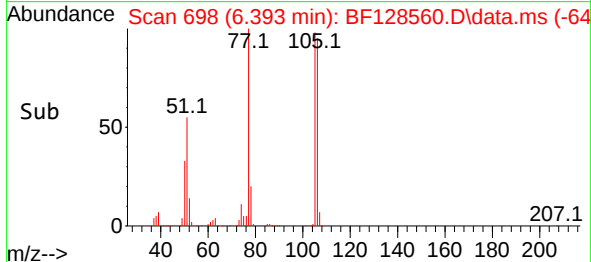
Instrument :
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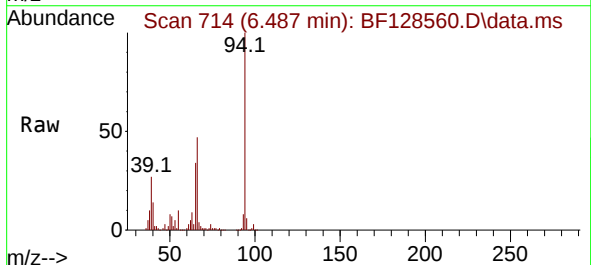
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Ion Ratio Lower Upper
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105 98.1 81.6 121.6
106 95.2 76.1 116.1

Manual Integrations
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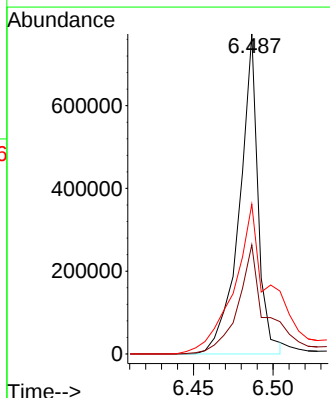
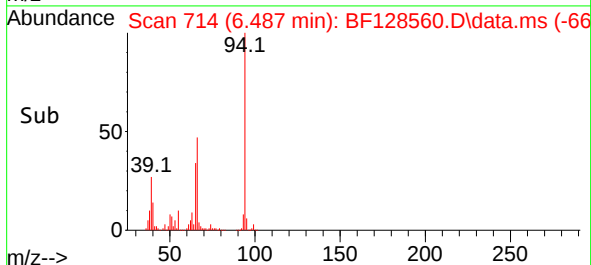
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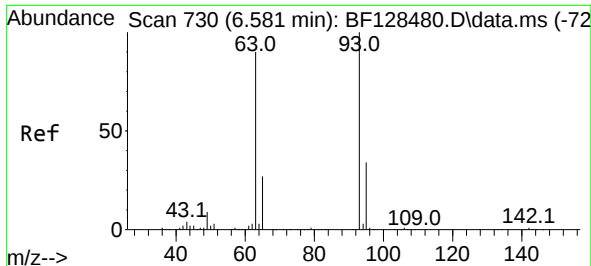


#10
Phenol
Concen: 48.159 ng m
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



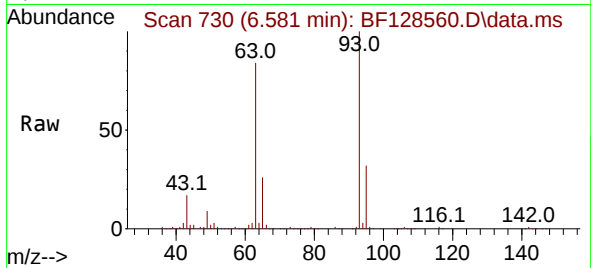
Tgt Ion: 94 Resp: 633423
Ion Ratio Lower Upper
94 100
65 34.1 11.4 51.4
66 46.8 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 47.320 ng
RT: 6.581 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

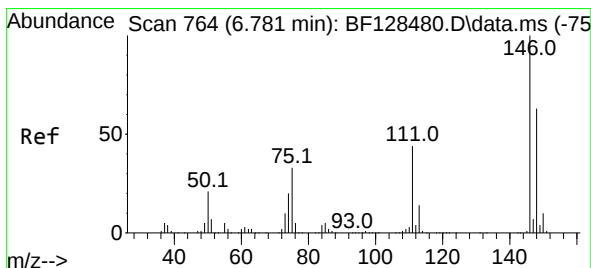
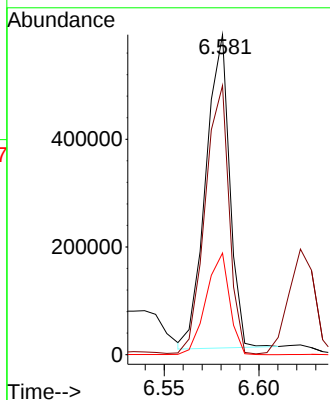
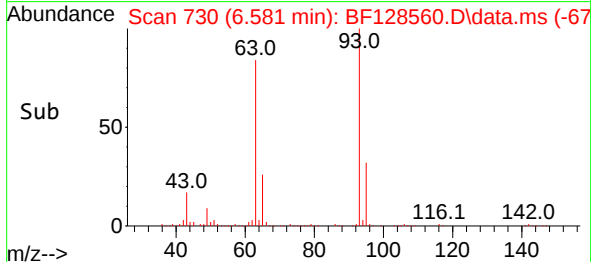
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion: 93 Resp: 50949
Ion Ratio Lower Upper
93 100
63 84.1 67.4 107.4
95 31.7 12.7 52.7

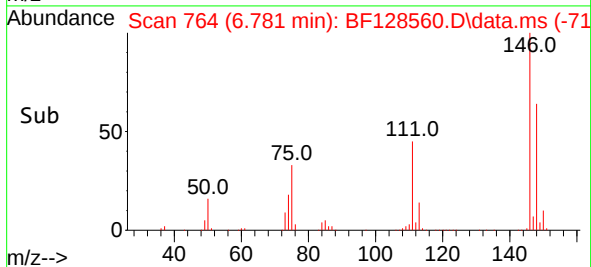
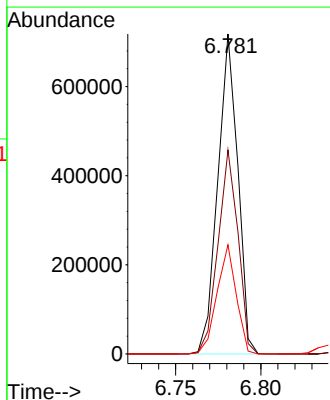
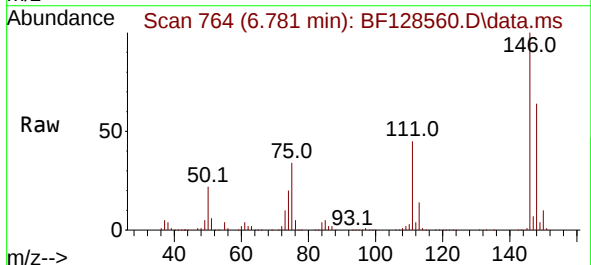
Manual Integrations
APPROVED

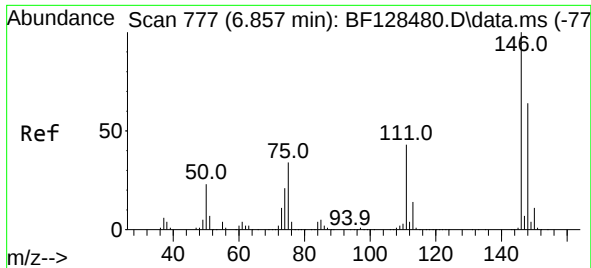
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#12
1,3-Dichlorobenzene
Concen: 47.766 ng
RT: 6.781 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

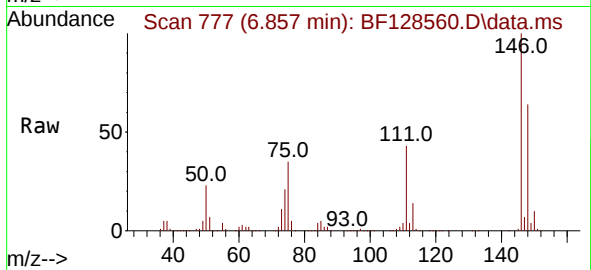
Tgt Ion:146 Resp: 585811
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 34.1 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 47.388 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

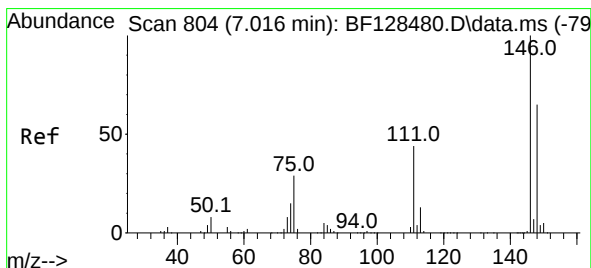
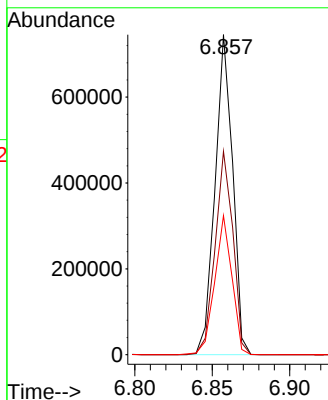
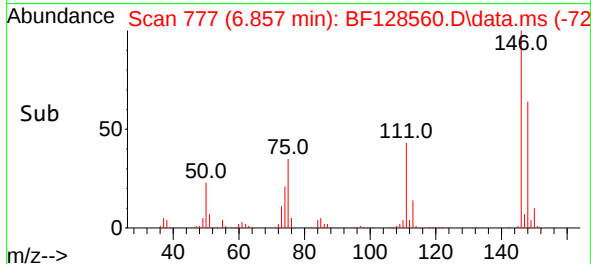
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



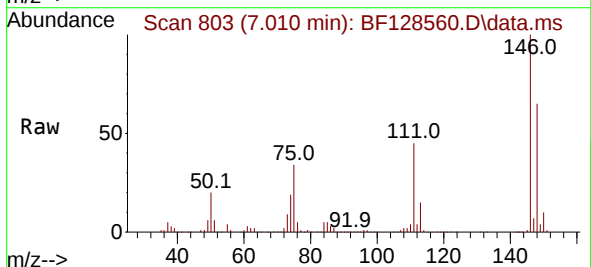
Tgt Ion:146 Resp: 58783
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 43.4 34.2 51.4

Manual Integrations
APPROVED

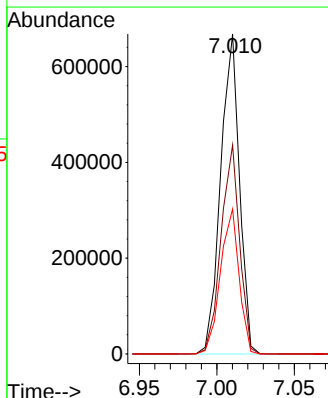
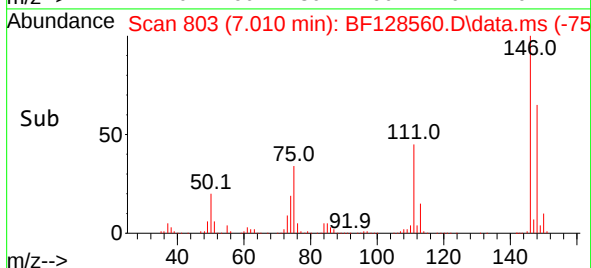
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

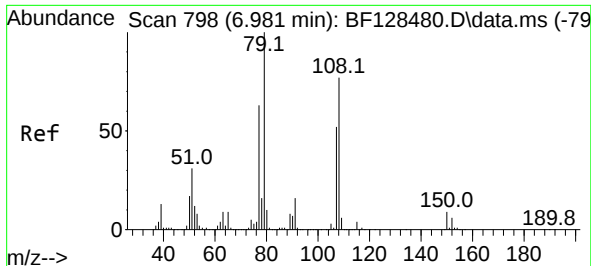


#14
1,2-Dichlorobenzene
Concen: 49.377 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



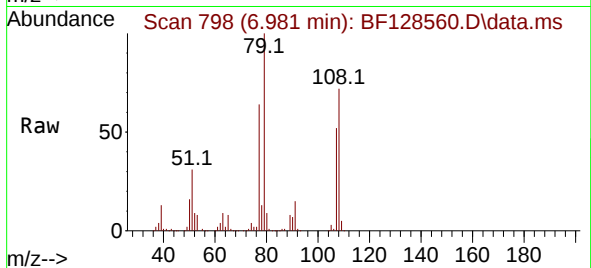
Tgt Ion:146 Resp: 563749
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
111 45.3 35.1 52.7





#15
Benzyl Alcohol
Concen: 48.426 ng
RT: 6.981 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

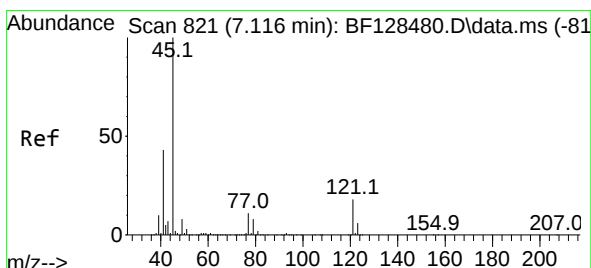
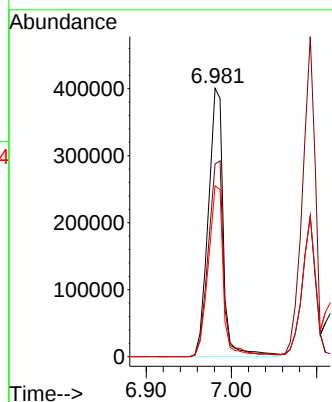
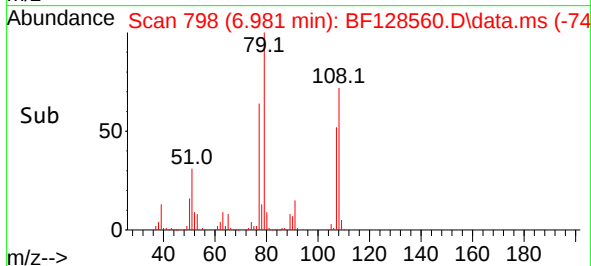
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



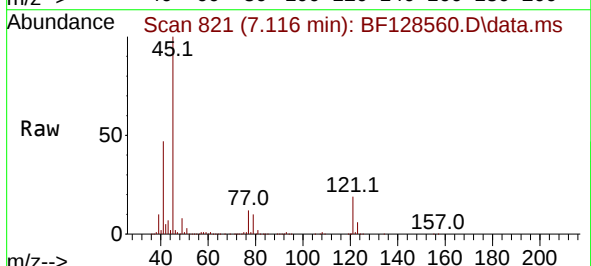
Tgt Ion: 79 Resp: 490237
Ion Ratio Lower Upper
79 100
108 71.8 61.8 92.6
77 63.7 50.2 75.4

Manual Integrations
APPROVED

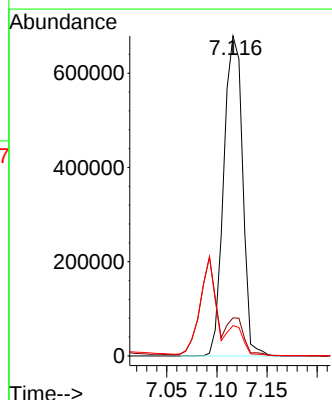
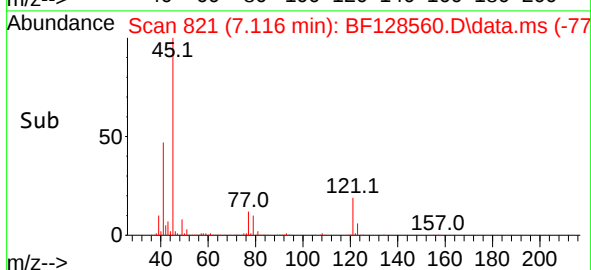
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

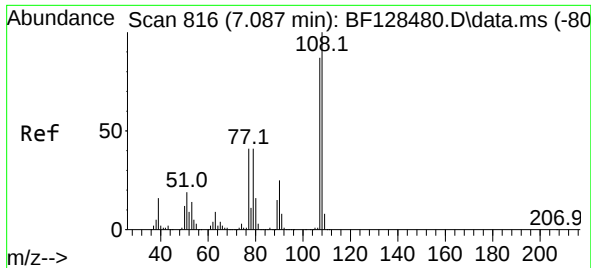


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.415 ng
RT: 7.116 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



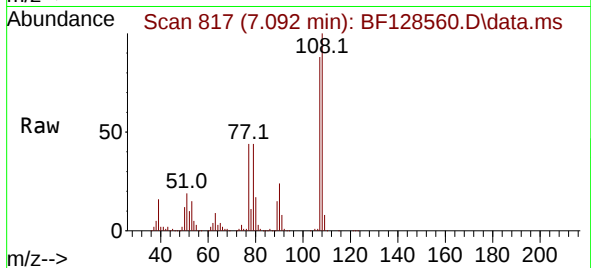
Tgt Ion: 45 Resp: 884461
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.3
79 9.5 0.0 28.3





#17
2-Methylphenol
Concen: 47.466 ng
RT: 7.092 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

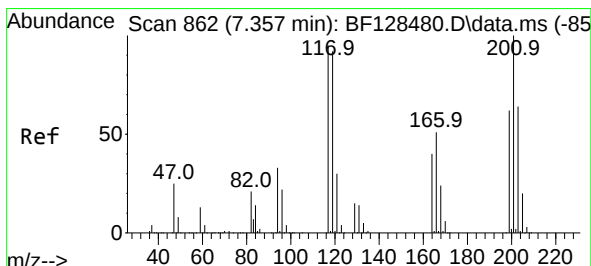
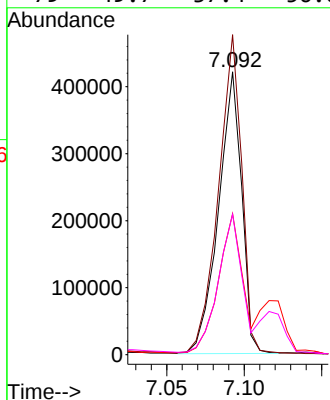
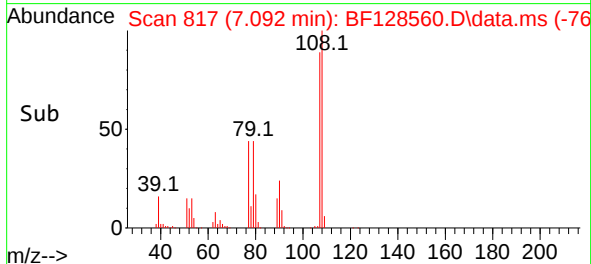
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:107 Resp: 436082
Ion Ratio Lower Upper
107 100
108 113.1 91.9 137.9
77 49.8 37.8 56.8
79 49.7 37.4 56.0

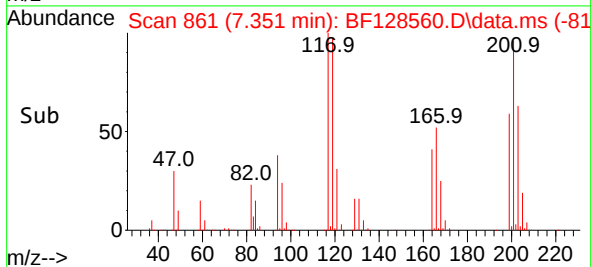
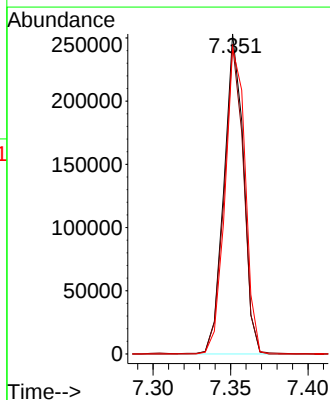
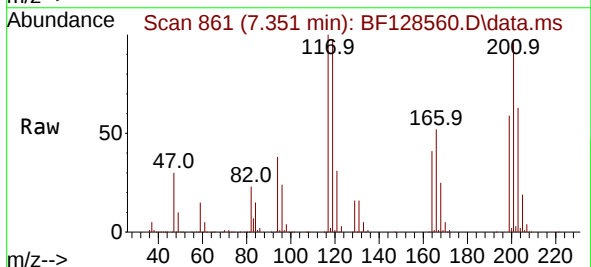
Manual Integrations
APPROVED

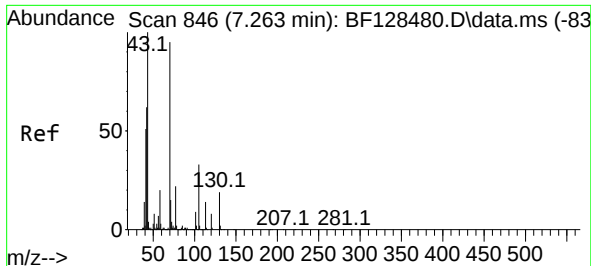
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#18
Hexachloroethane
Concen: 50.401 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

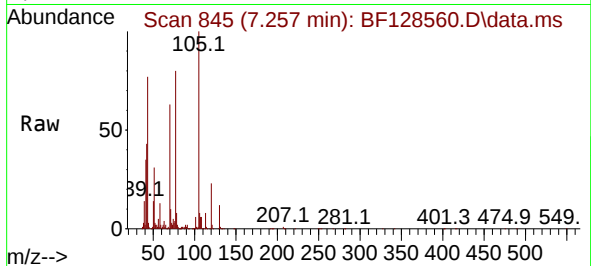
Tgt Ion:117 Resp: 220542
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2
201 95.7 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.128 ng
RT: 7.257 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

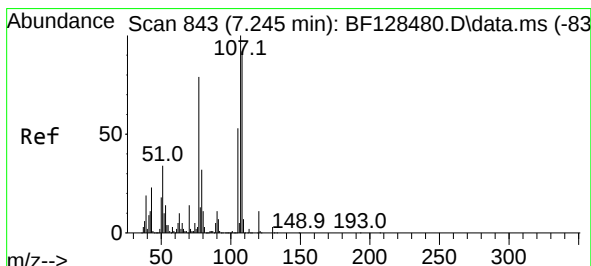
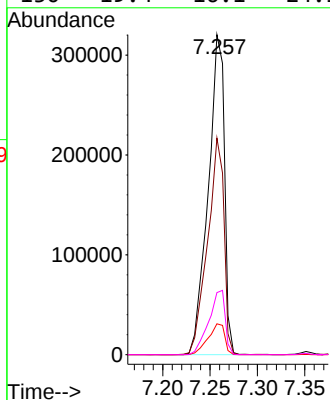
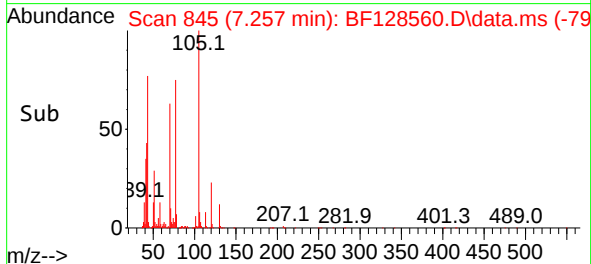
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion: 70 Resp: 383548
Ion Ratio Lower Upper
70 100
42 67.7 52.3 78.5
101 9.7 7.5 11.3
130 19.4 16.1 24.1

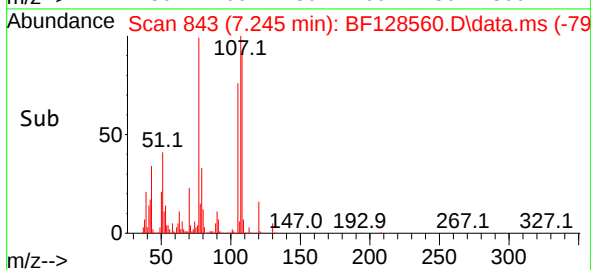
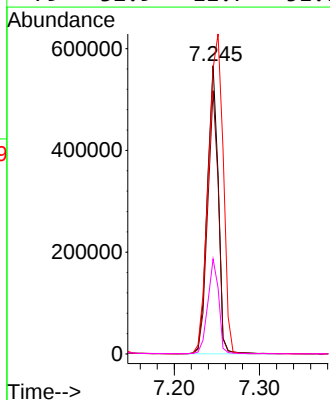
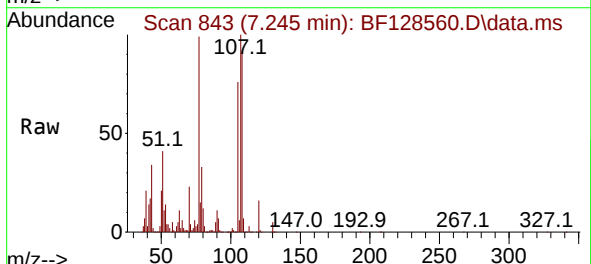
Manual Integrations
APPROVED

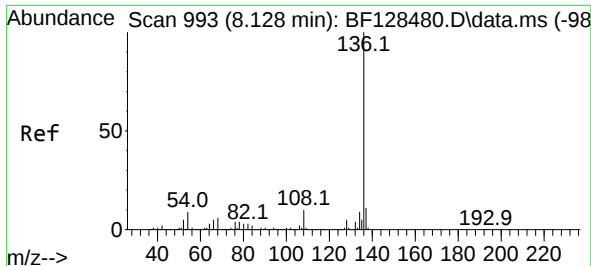
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#20
3+4-Methylphenols
Concen: 45.537 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

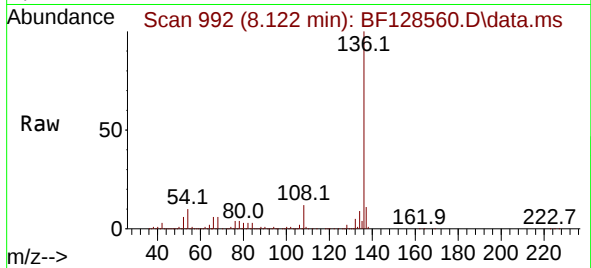
Tgt Ion:107 Resp: 505413
Ion Ratio Lower Upper
107 100
108 91.3 71.8 111.8
77 98.9 59.3 99.3
79 32.9 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

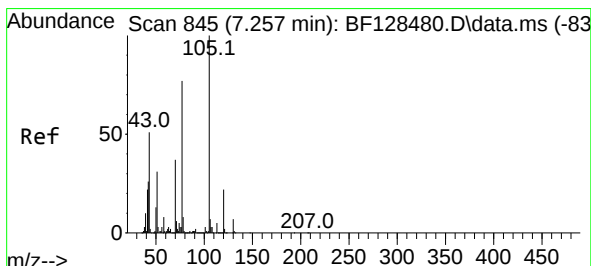
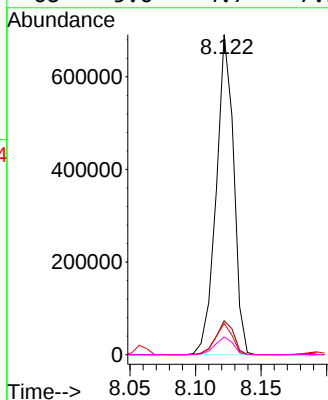
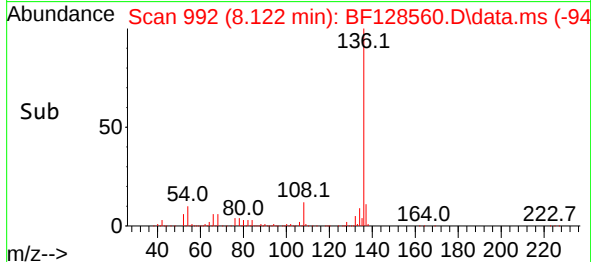
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:136 Resp: 639470
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.5 11.3
68 5.6 4.7 7.1

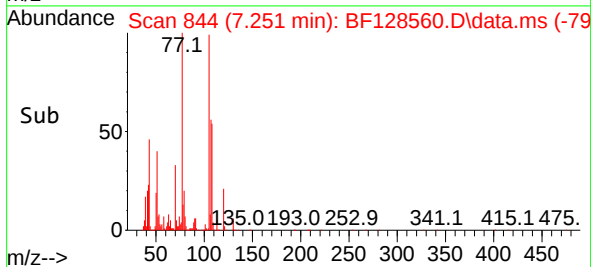
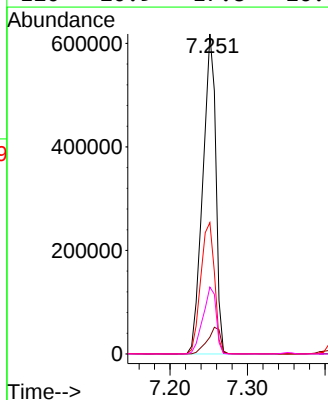
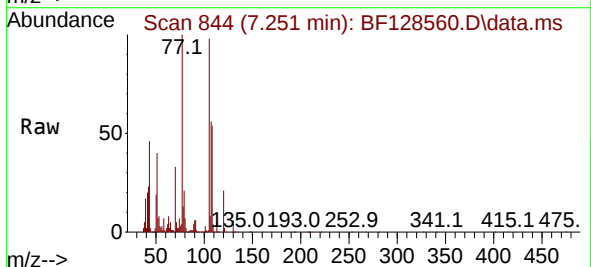
Manual Integrations
APPROVED

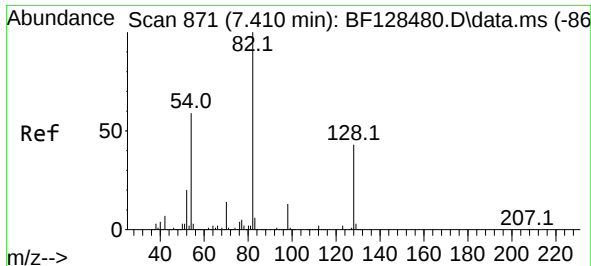
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#22
Acetophenone
Concen: 48.815 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

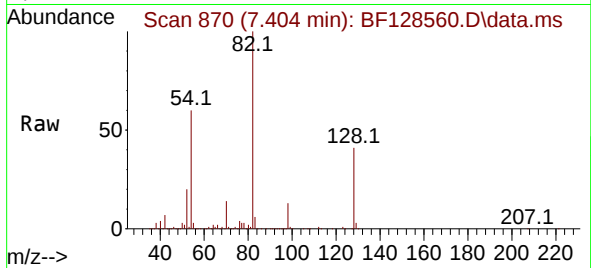
Tgt Ion:105 Resp: 719788
Ion Ratio Lower Upper
105 100
71 5.2 5.0 7.4
51 41.0 25.0 37.4#
120 20.9 17.8 26.8





#23
Nitrobenzene-d5
Concen: 91.739 ng
RT: 7.404 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

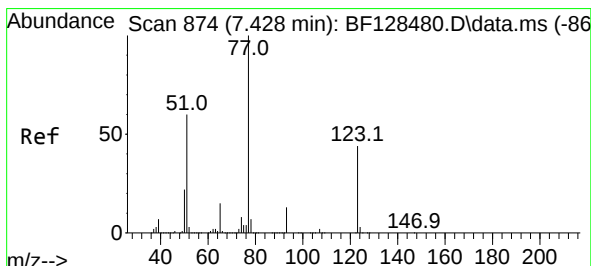
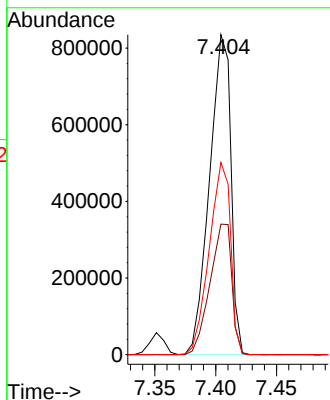
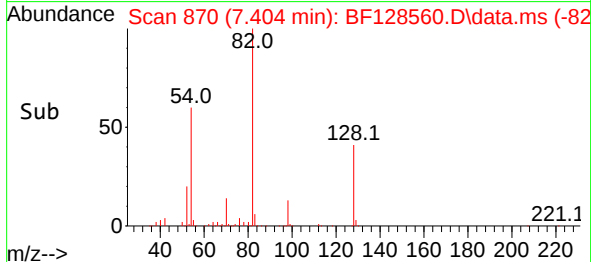
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion: 82 Resp: 101693
Ion Ratio Lower Upper
82 100
128 40.8 34.0 51.0
54 60.0 46.9 70.3

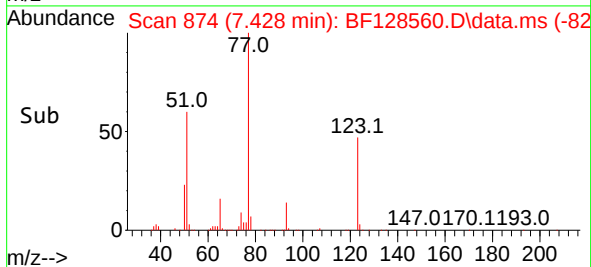
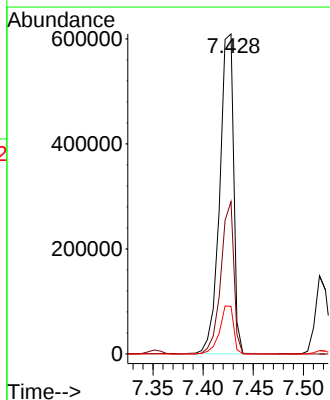
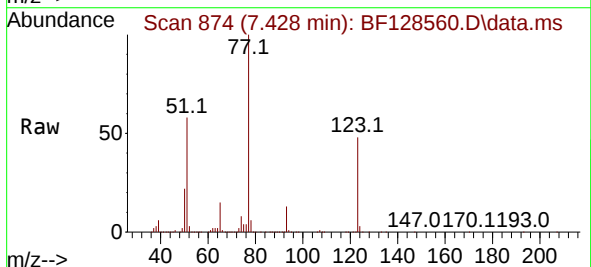
Manual Integrations
APPROVED

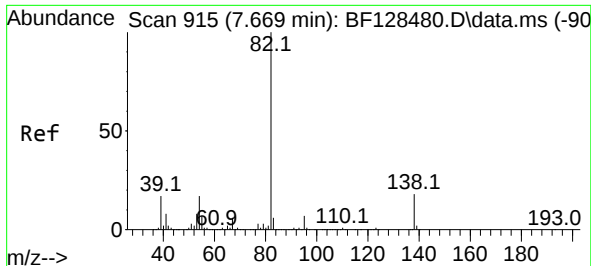
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#24
Nitrobenzene
Concen: 53.638 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

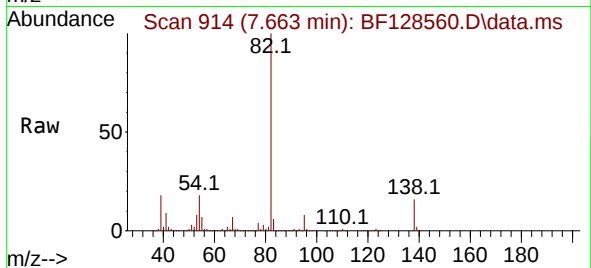
Tgt Ion: 77 Resp: 587812
Ion Ratio Lower Upper
77 100
123 47.6 35.4 53.2
65 14.8 11.8 17.8





#25
Isophorone
Concen: 52.948 ng
RT: 7.663 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

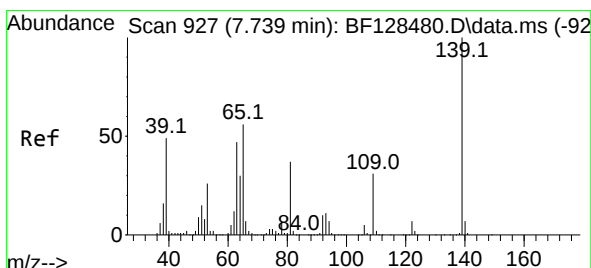
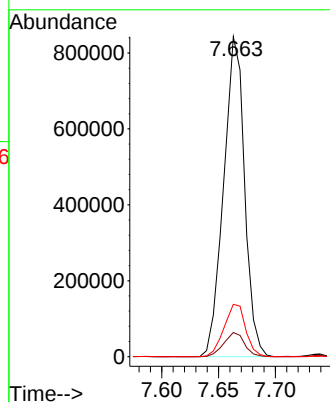
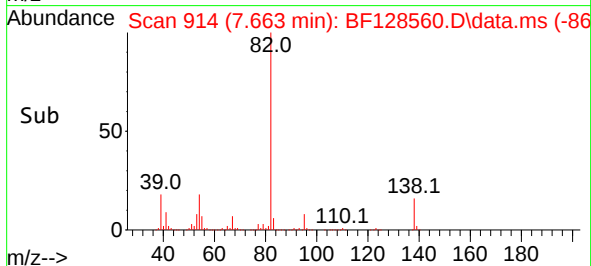
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion: 82 Resp: 1082728
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 16.3 14.2 21.2

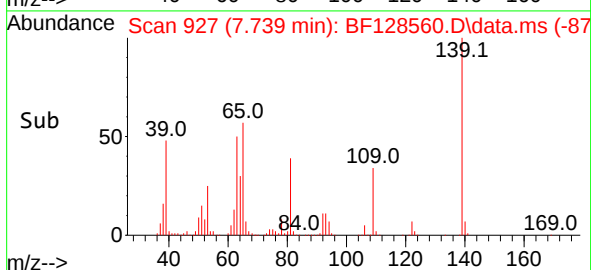
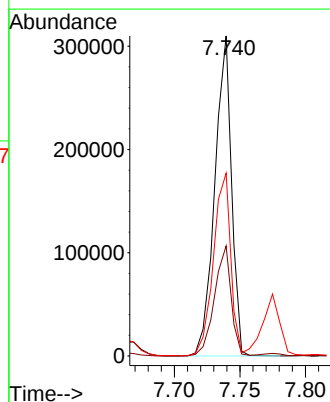
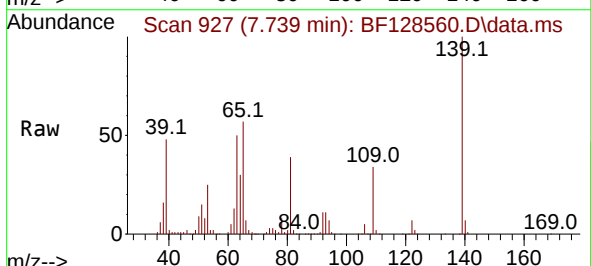
Manual Integrations
APPROVED

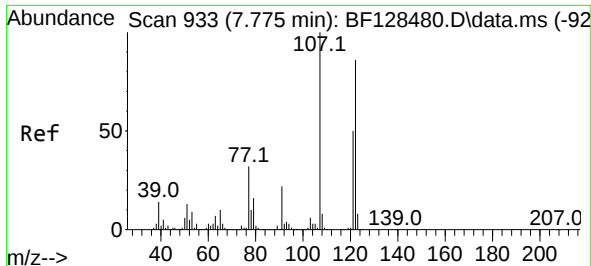
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#26
2-Nitrophenol
Concen: 60.054 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

Tgt Ion:139 Resp: 275067
Ion Ratio Lower Upper
139 100
109 34.4 25.0 37.4
65 57.1 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 55.763 ng m

RT: 7.775 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128560.D

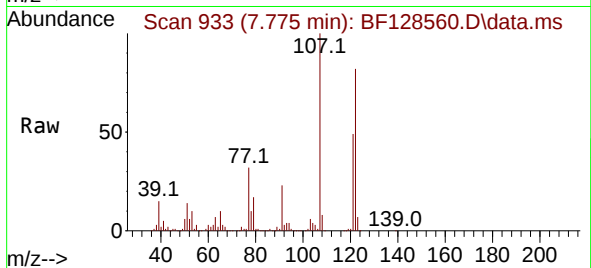
Acq: 28 May 2022 21:08

Instrument :

BNA_F

ClientSampleId :

P016-SS005-0006-01MS



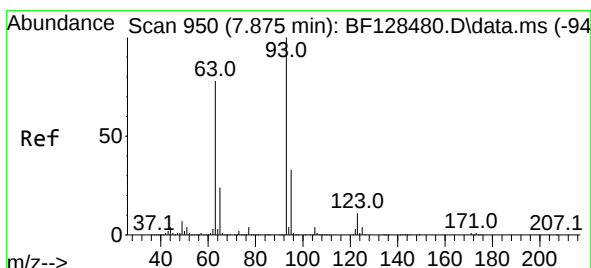
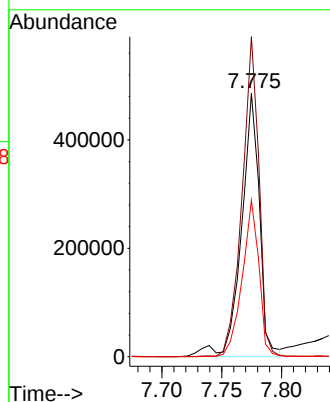
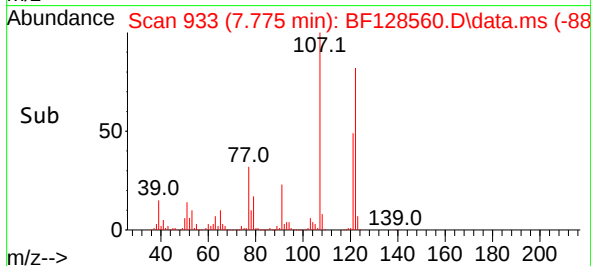
Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.5	93.0	139.6
121	59.4	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.109 ng

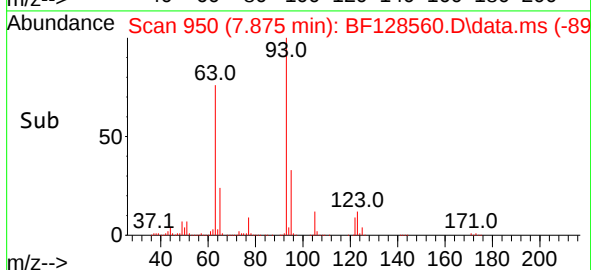
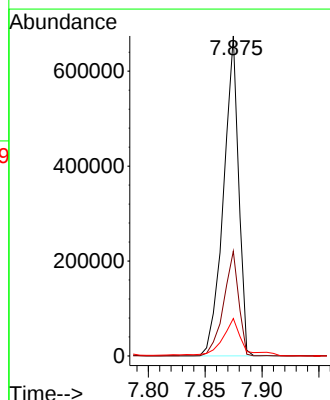
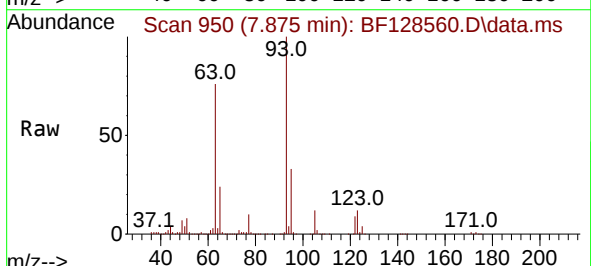
RT: 7.875 min Scan# 950

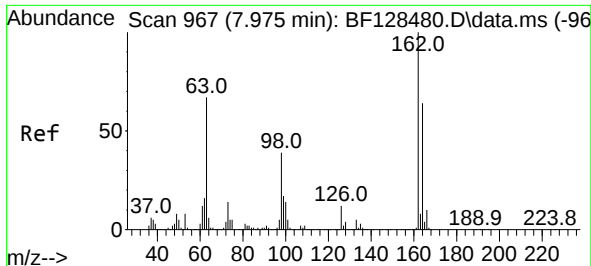
Delta R.T. 0.000 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.8	40.2
123	11.7	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 47.818 ng

RT: 7.981 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

Instrument :

BNA_F

ClientSampleId :

P016-SS005-0006-01MS

Tgt Ion:162 Resp: 450539

Ion Ratio Lower Upper

162 100

164 64.7 44.2 84.2

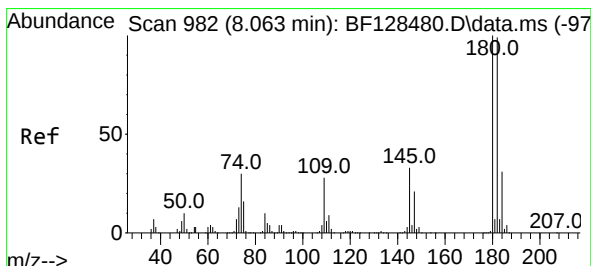
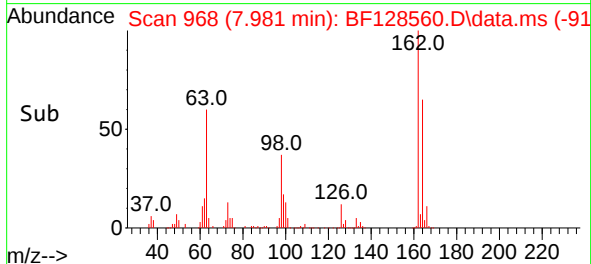
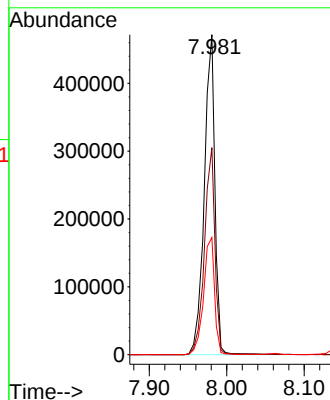
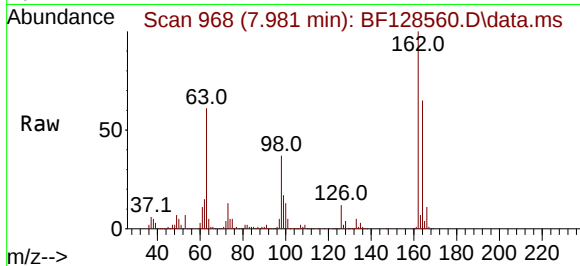
98 36.6 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.319 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

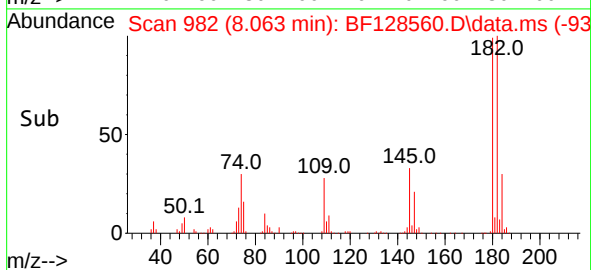
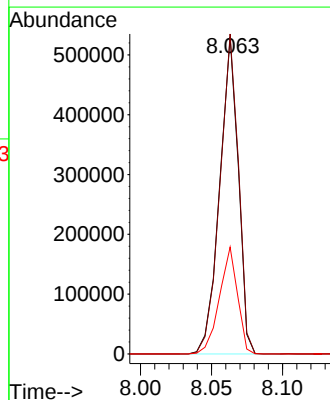
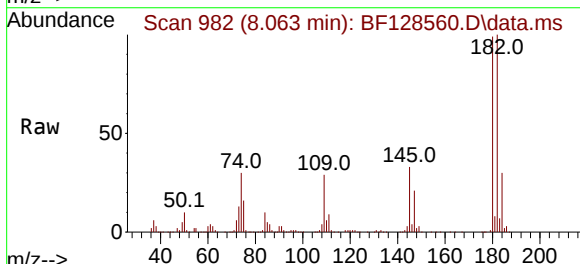
Tgt Ion:180 Resp: 482924

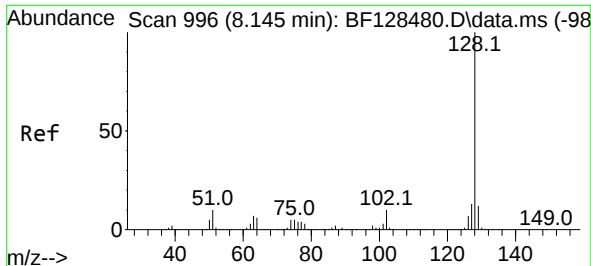
Ion Ratio Lower Upper

180 100

182 101.0 79.2 118.8

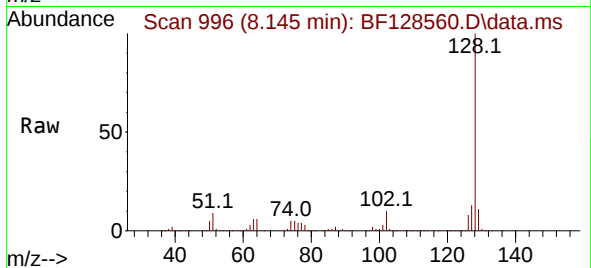
145 33.7 26.2 39.2





#31
Naphthalene
Concen: 47.893 ng
RT: 8.145 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

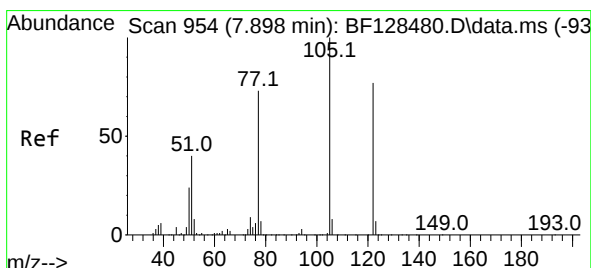
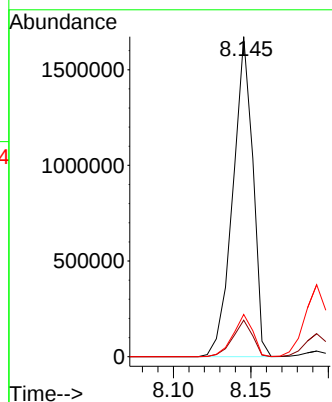
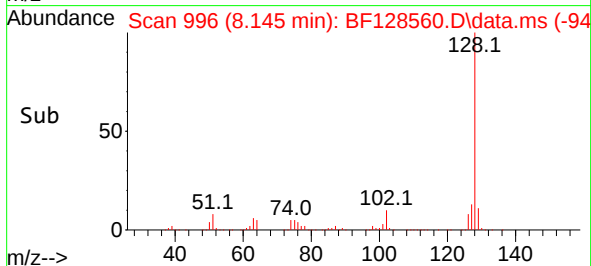
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:128 Resp: 1498959
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.5 15.7

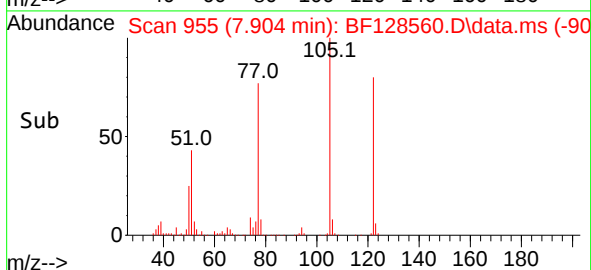
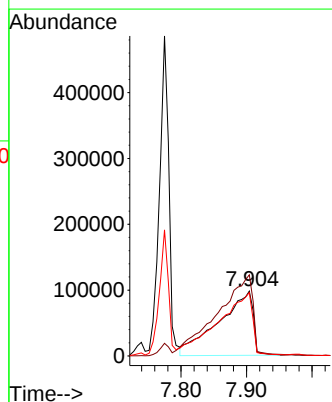
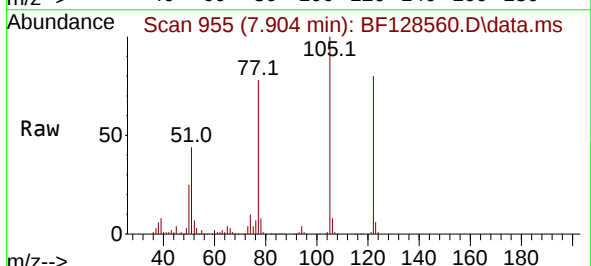
Manual Integrations
APPROVED

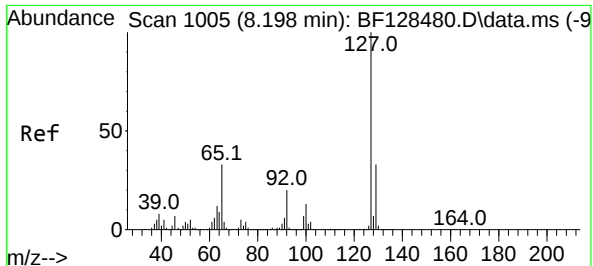
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#32
Benzoic acid
Concen: 54.948 ng
RT: 7.904 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

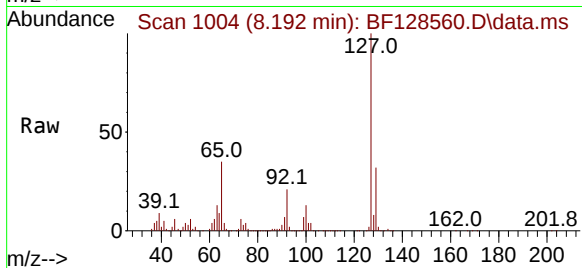
Tgt Ion:122 Resp: 353627
Ion Ratio Lower Upper
122 100
105 125.1 107.1 147.1
77 97.7 74.2 114.2





#33
4-Chloroaniline
Concen: 31.113 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

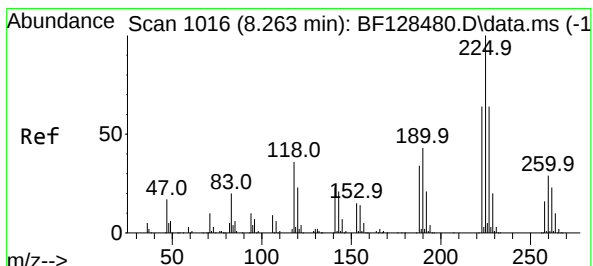
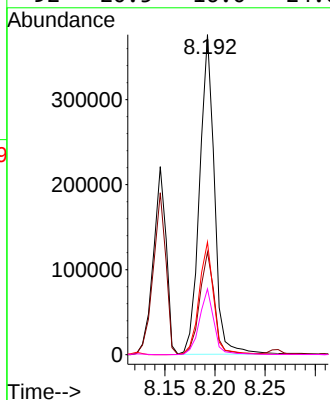
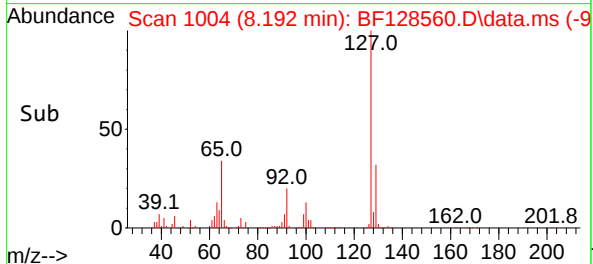
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:127 Resp: 38773
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 35.2 26.4 39.6
92 20.5 16.0 24.0

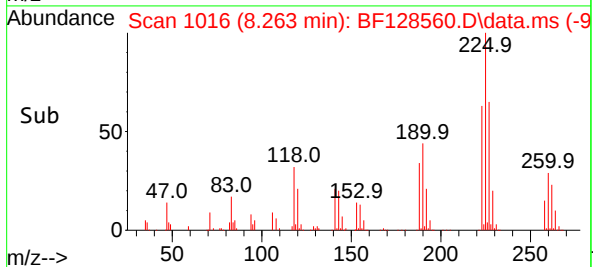
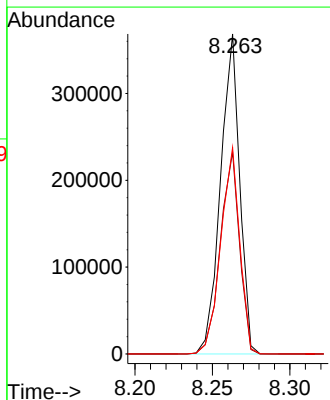
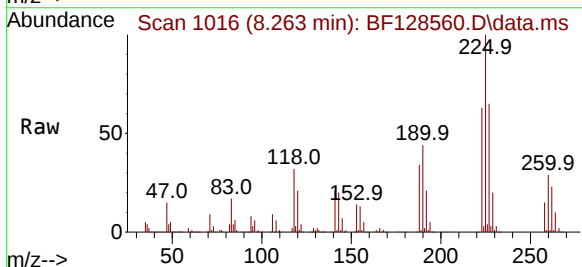
Manual Integrations
APPROVED

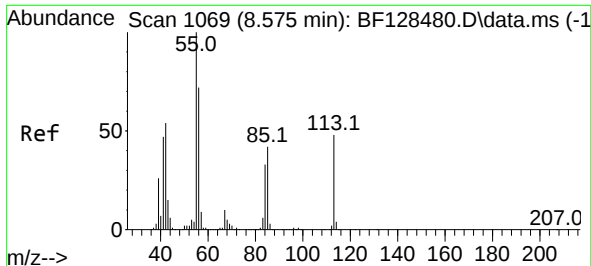
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#34
Hexachlorobutadiene
Concen: 49.008 ng
RT: 8.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

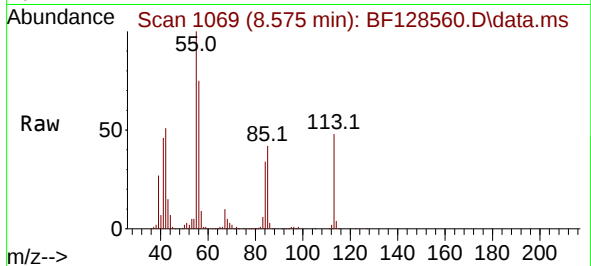
Tgt Ion:225 Resp: 315794
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 64.6 51.1 76.7





#35
Caprolactam
Concen: 47.692 ng m
RT: 8.575 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

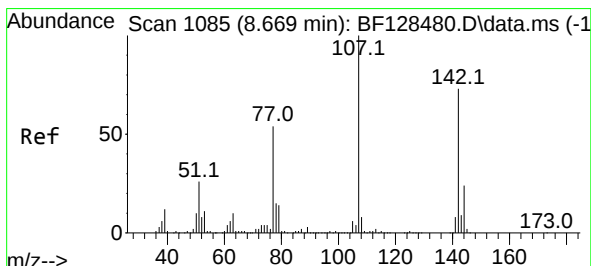
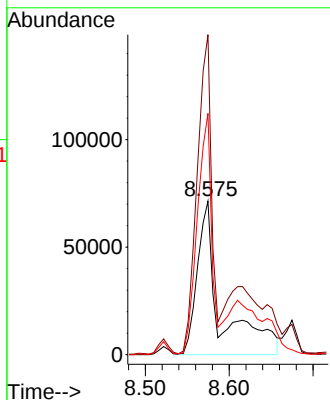
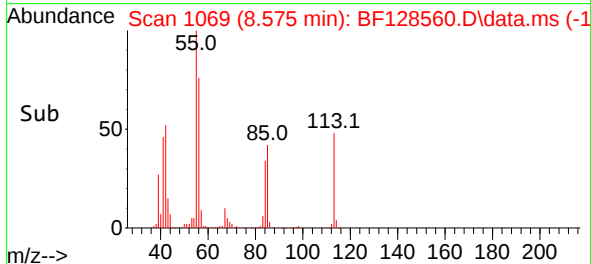
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:113 Resp: 138562
Ion Ratio Lower Upper
113 100
55 208.5 188.5 228.5
56 157.2 130.6 170.6

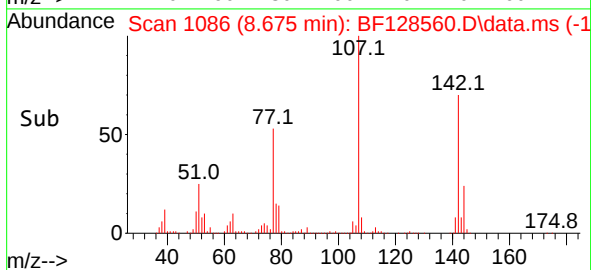
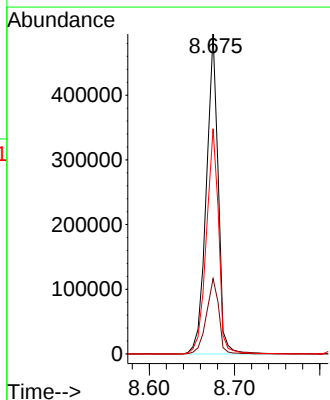
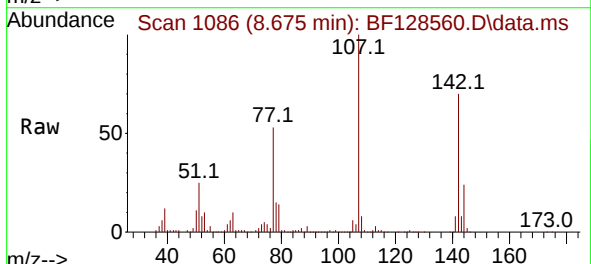
Manual Integrations
APPROVED

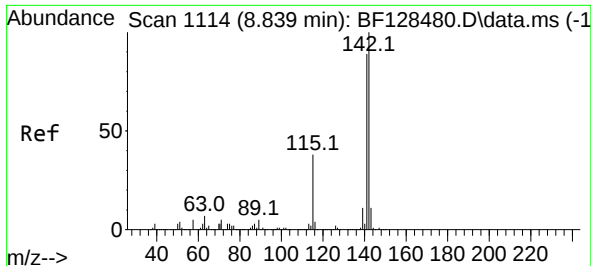
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#36
4-Chloro-3-methylphenol
Concen: 49.383 ng
RT: 8.675 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

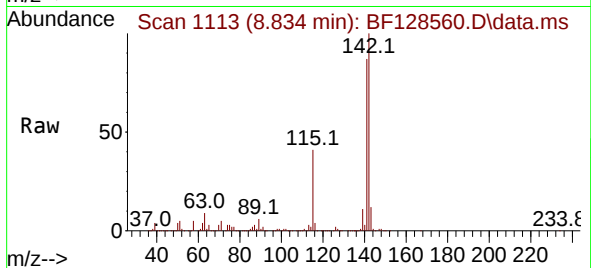
Tgt Ion:107 Resp: 477980
Ion Ratio Lower Upper
107 100
144 23.5 19.5 29.3
142 70.4 58.2 87.4





#37
2-Methylnaphthalene
Concen: 47.980 ng
RT: 8.834 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

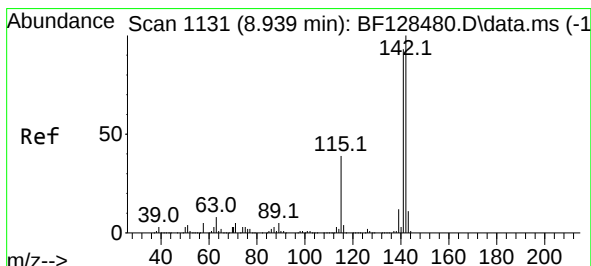
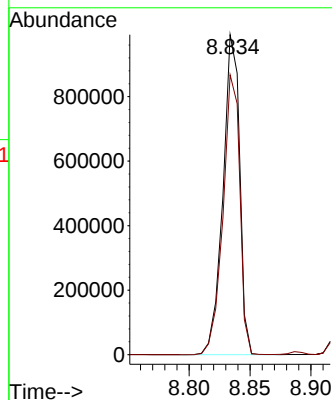
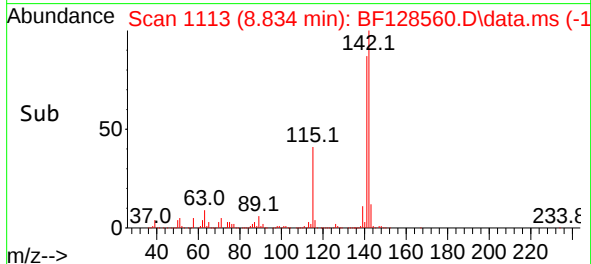
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:142 Resp: 947872
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.4

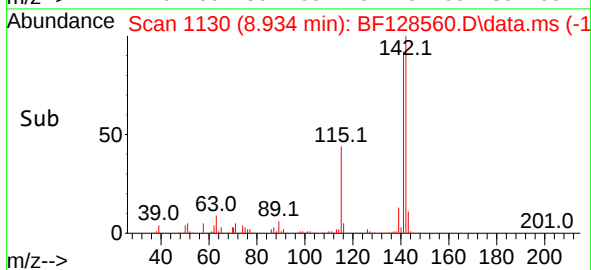
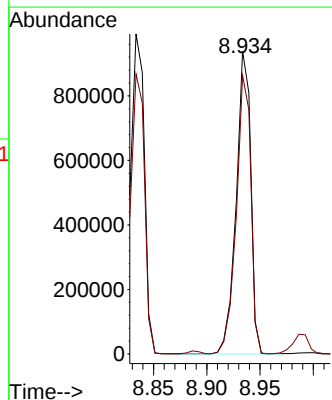
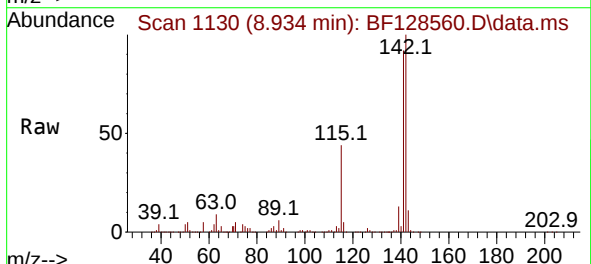
Manual Integrations
APPROVED

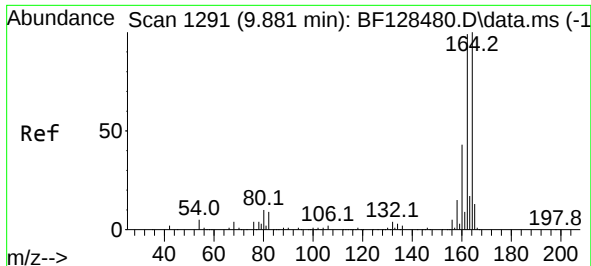
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#38
1-Methylnaphthalene
Concen: 46.601 ng
RT: 8.934 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

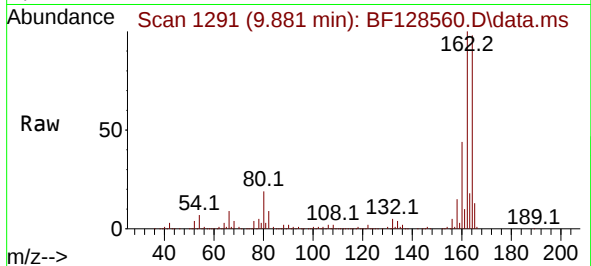
Tgt Ion:142 Resp: 895402
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

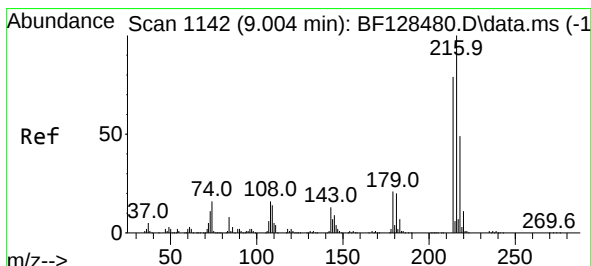
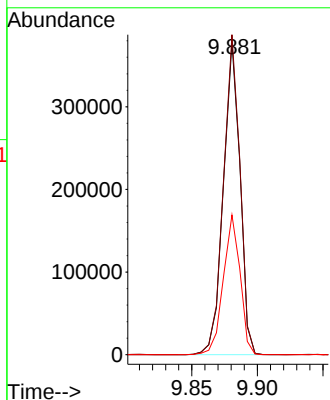
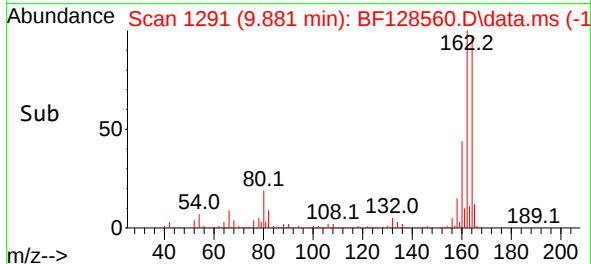
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:164 Resp: 332725
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 44.7 34.2 51.4

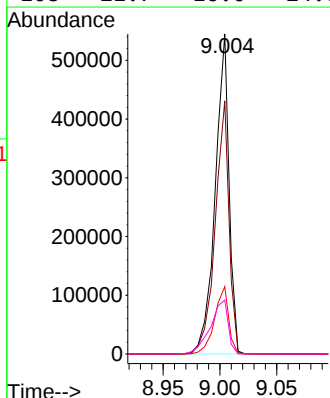
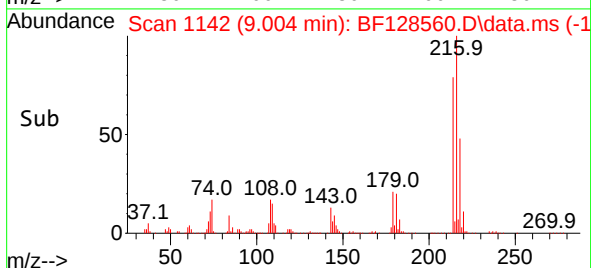
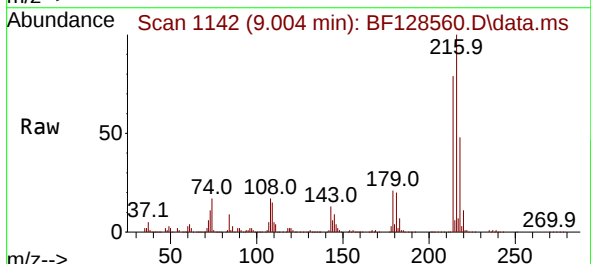
Manual Integrations
APPROVED

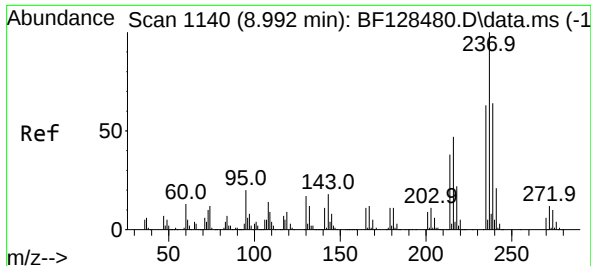
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.594 ng
RT: 9.004 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

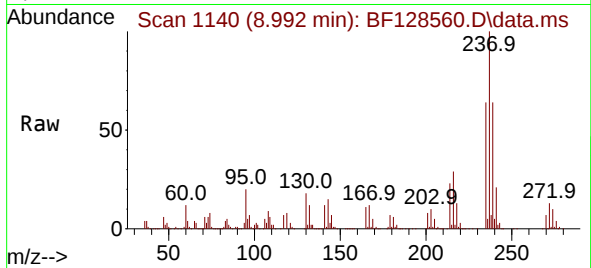
Tgt Ion:216 Resp: 462260
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 21.4 17.0 25.6
108 21.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 100.668 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

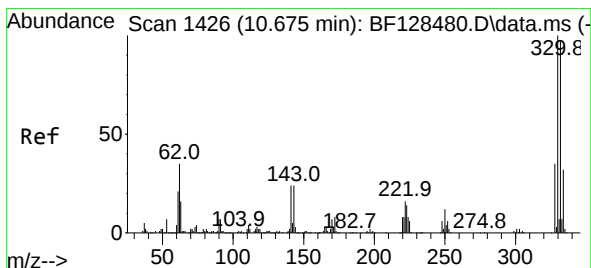
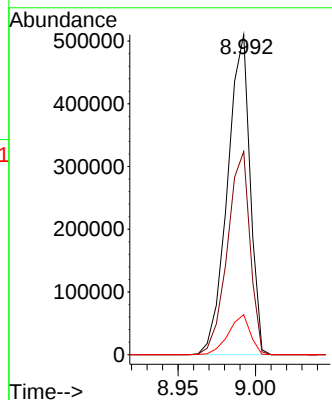
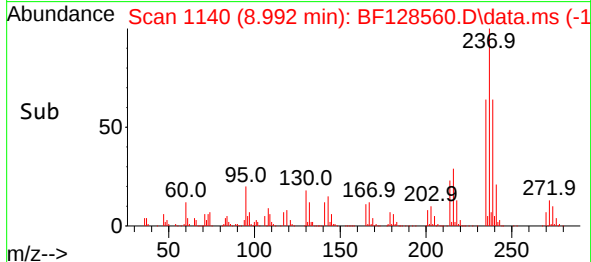
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



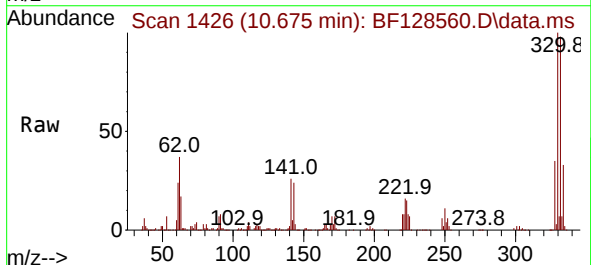
Tgt Ion:237 Resp: 517028
Ion Ratio Lower Upper
237 100
235 63.5 43.2 83.2
272 12.5 0.0 31.9

Manual Integrations
APPROVED

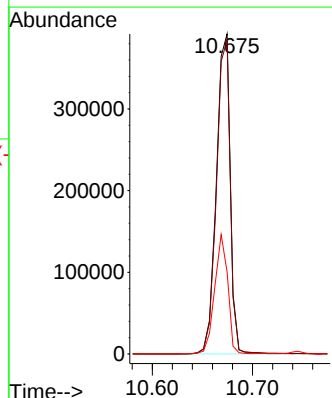
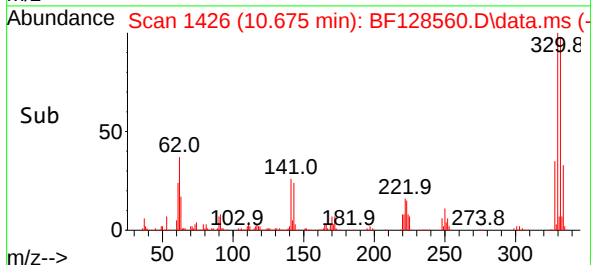
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

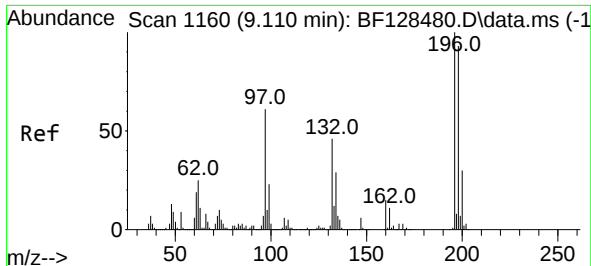


#42
2,4,6-Tribromophenol
Concen: 118.945 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



Tgt Ion:330 Resp: 376696
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 35.3 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 48.821 ng

RT: 9.116 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

Instrument :

BNA_F

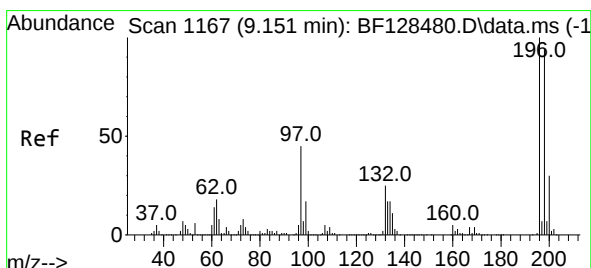
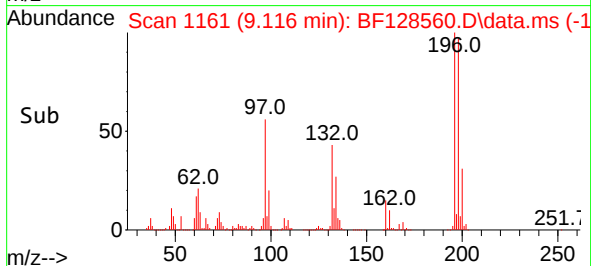
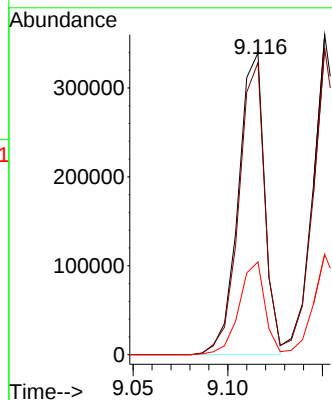
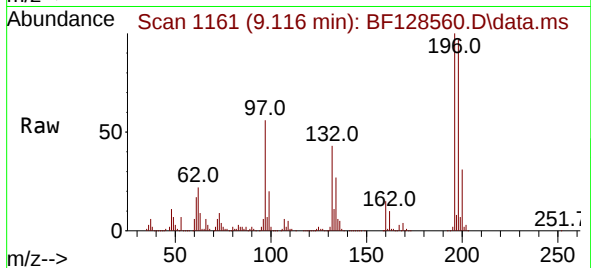
ClientSampleId :

P016-SS005-0006-01MS

Tgt Ion:196 Resp: 32894
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.0 111.0
 200 30.8 24.1 36.1

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



#44

2,4,5-Trichlorophenol

Concen: 49.145 ng

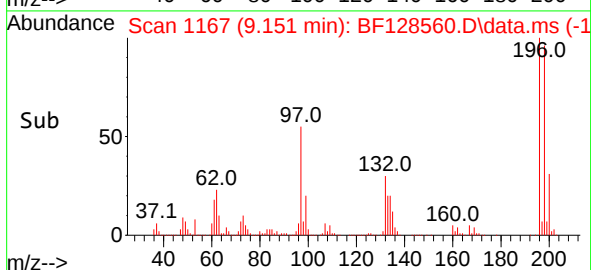
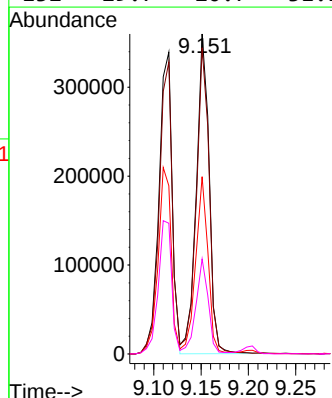
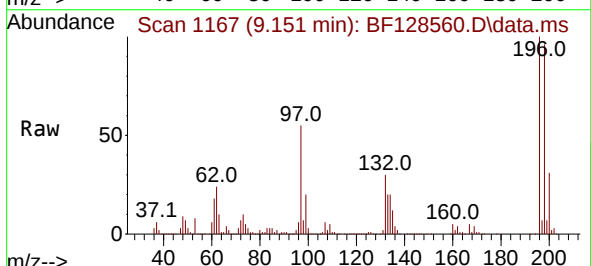
RT: 9.151 min Scan# 1167

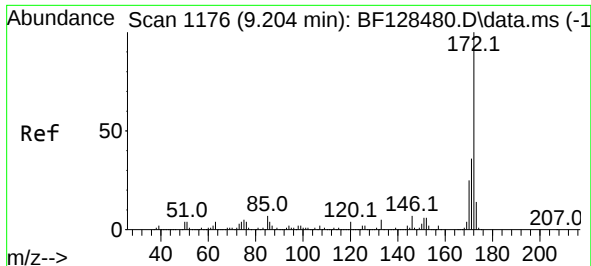
Delta R.T. 0.000 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

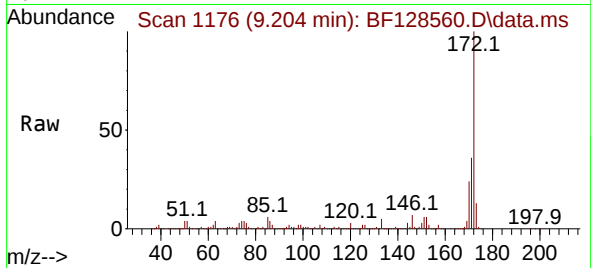
Tgt Ion:196 Resp: 341178
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 97 55.4 36.4 54.6#
 132 29.7 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 86.206 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

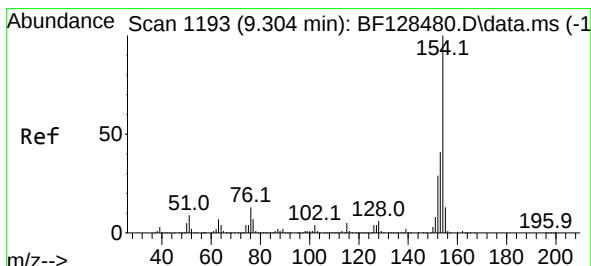
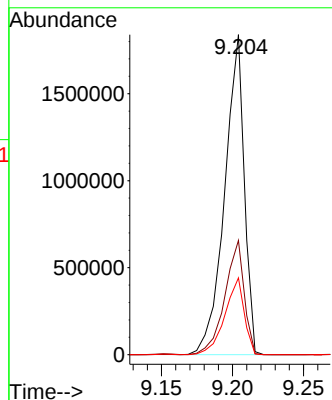
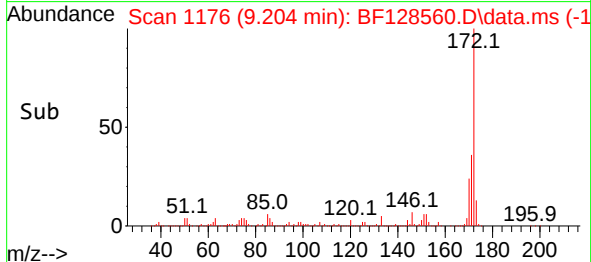
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:172 Resp: 1765492
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.0 19.8 29.8

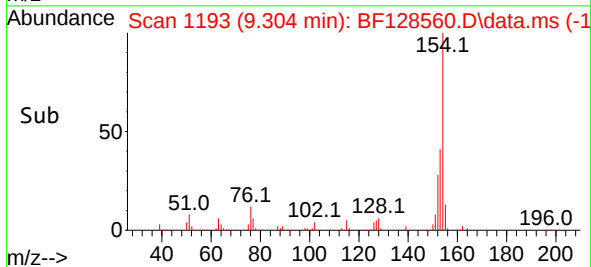
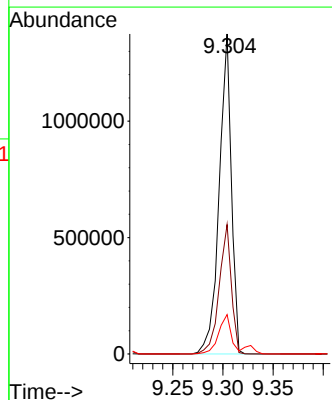
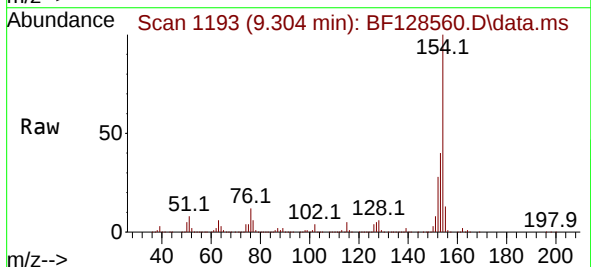
Manual Integrations
APPROVED

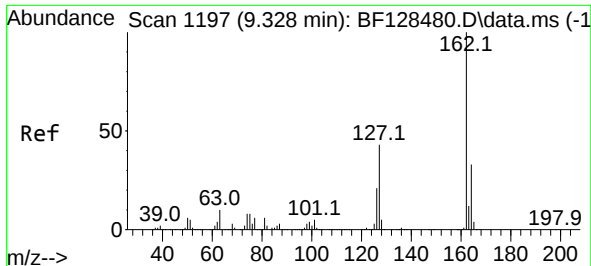
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#46
1,1'-Biphenyl
Concen: 49.648 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

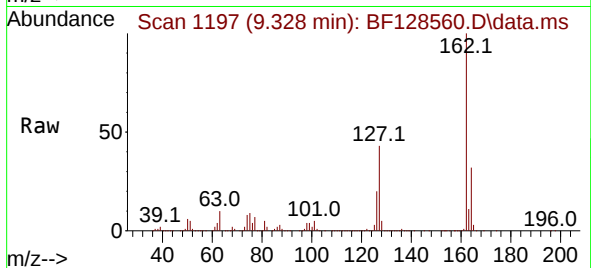
Tgt Ion:154 Resp: 1159939
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 12.3 0.0 33.3





#47
2-Chloronaphthalene
Concen: 49.848 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

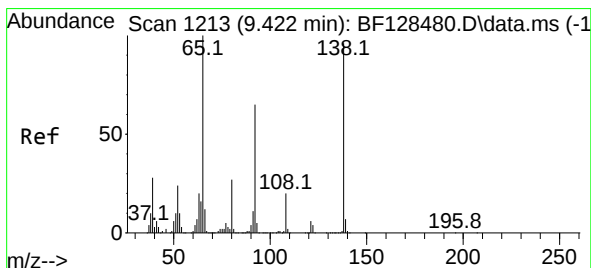
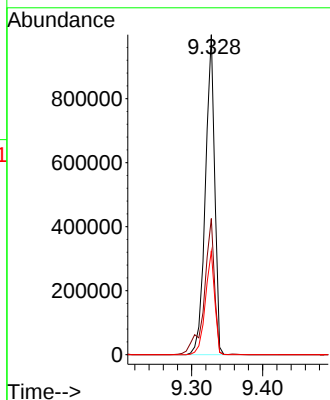
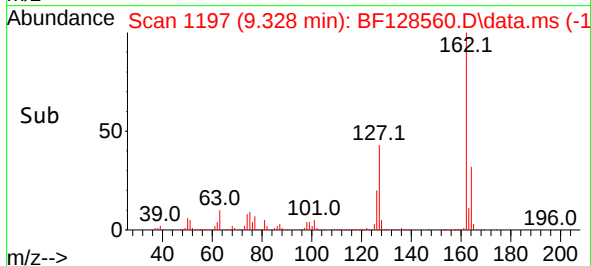
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:162 Resp: 91421
Ion Ratio Lower Upper
162 100
127 42.6 34.5 51.7
164 32.4 26.5 39.7

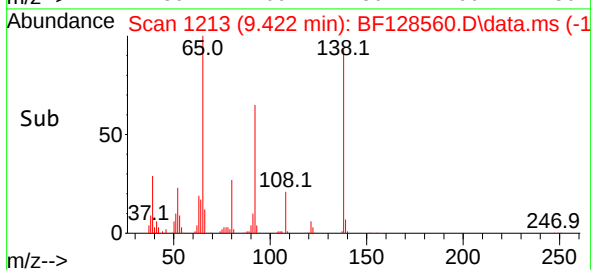
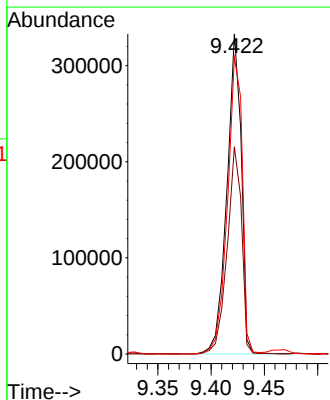
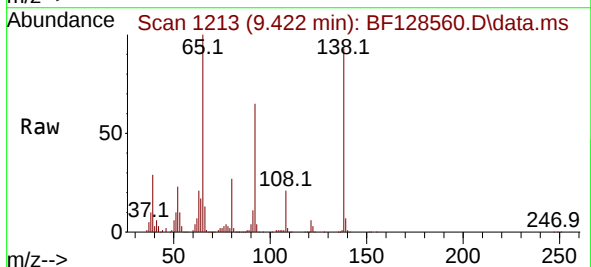
Manual Integrations
APPROVED

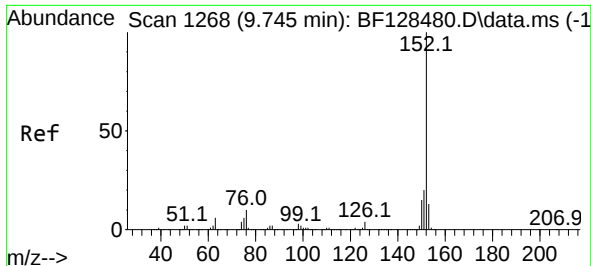
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#48
2-Nitroaniline
Concen: 61.347 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

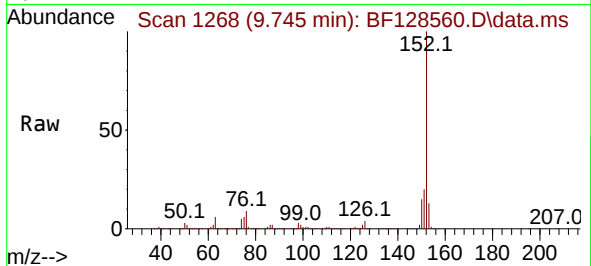
Tgt Ion: 65 Resp: 312866
Ion Ratio Lower Upper
65 100
92 64.8 51.9 77.9
138 92.8 76.4 114.6





#49
Acenaphthylene
Concen: 51.217 ng
RT: 9.745 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

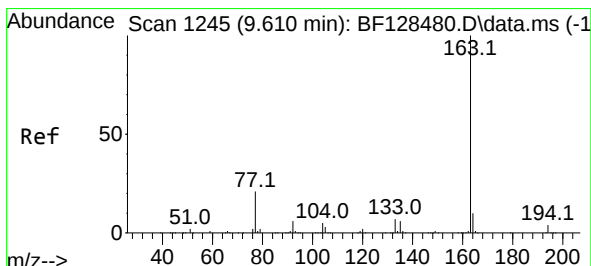
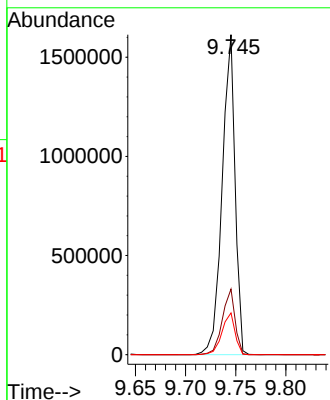
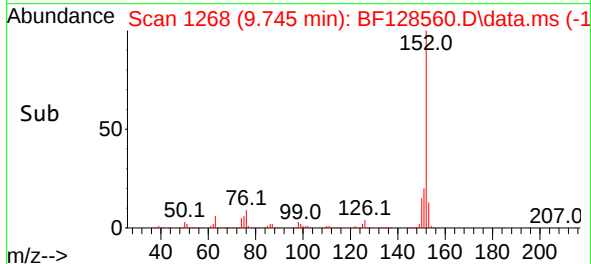
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



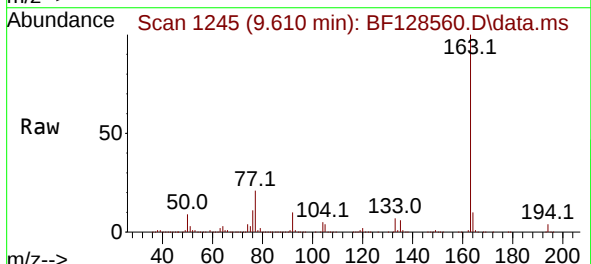
Tgt Ion:152 Resp: 144302
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.1 10.7 16.1

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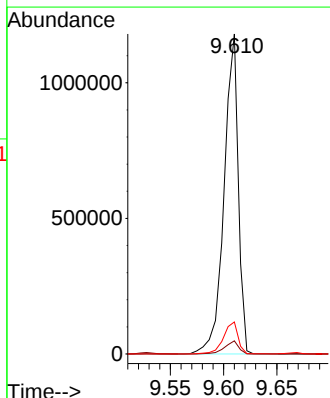
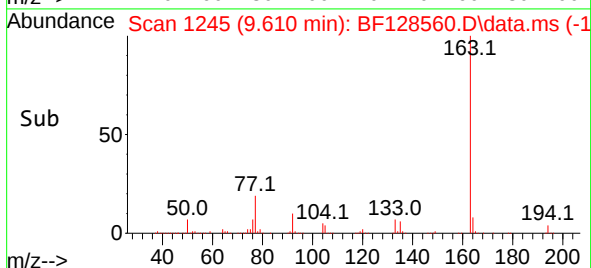
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

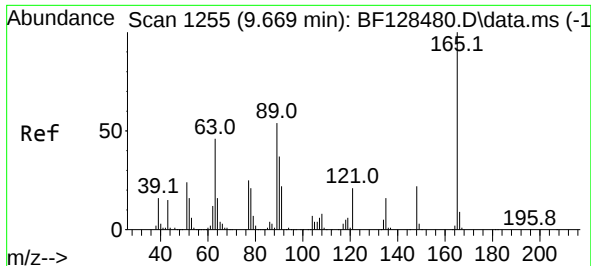


#50
Dimethylphthalate
Concen: 50.588 ng
RT: 9.610 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



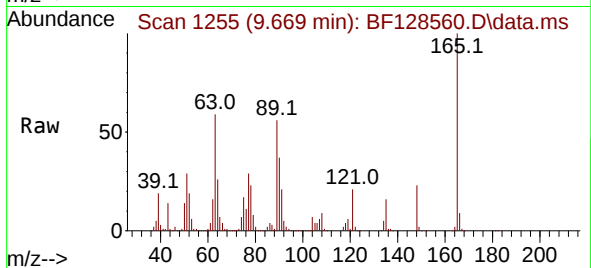
Tgt Ion:163 Resp: 1091816
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 60.221 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

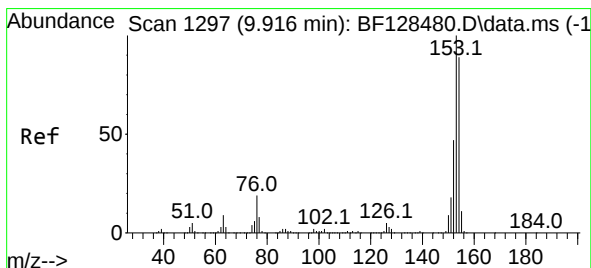
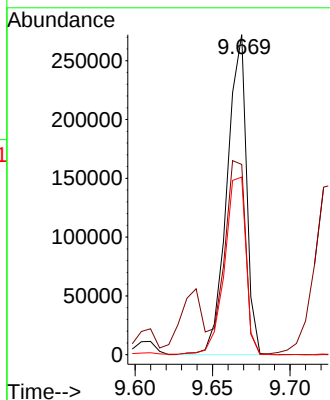
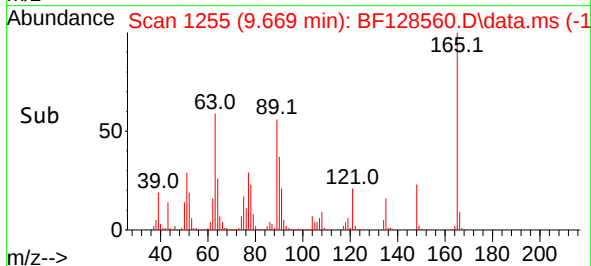
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:165 Resp: 238204
Ion Ratio Lower Upper
165 100
63 59.4 44.9 67.3
89 55.5 43.6 65.4

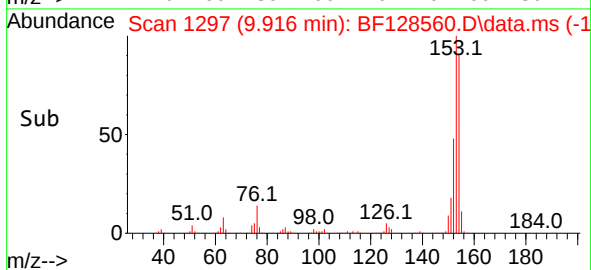
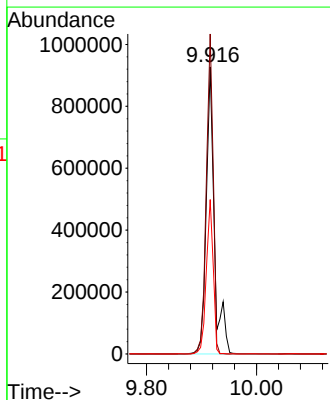
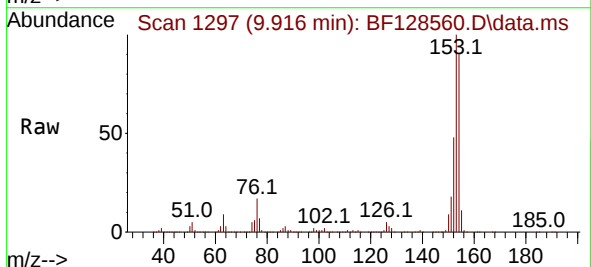
Manual Integrations
APPROVED

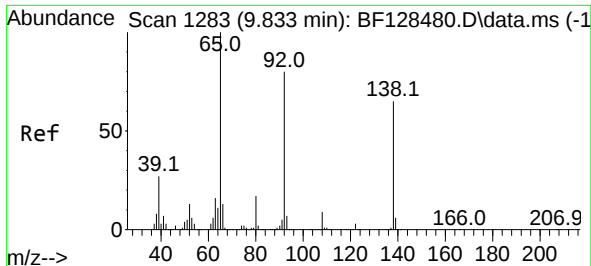
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#52
Acenaphthene
Concen: 54.393 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

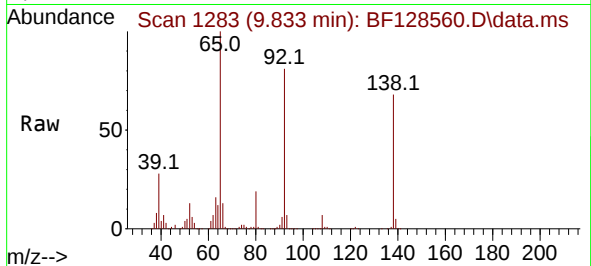
Tgt Ion:154 Resp: 945523
Ion Ratio Lower Upper
154 100
153 111.5 89.6 134.4
152 53.8 42.4 63.6





#53
3-Nitroaniline
Concen: 41.697 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

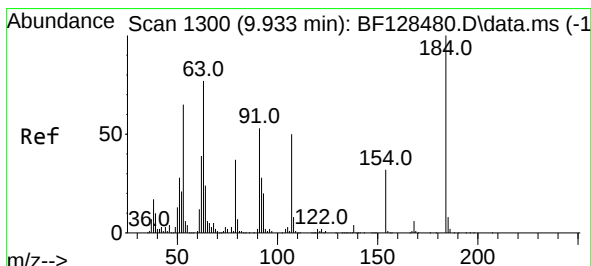
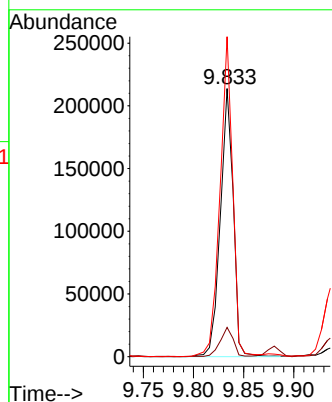
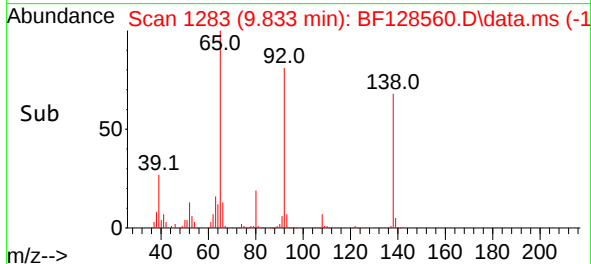
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:138 Resp: 190474
Ion Ratio Lower Upper
138 100
108 10.9 10.9 16.3
92 119.3 98.2 147.2

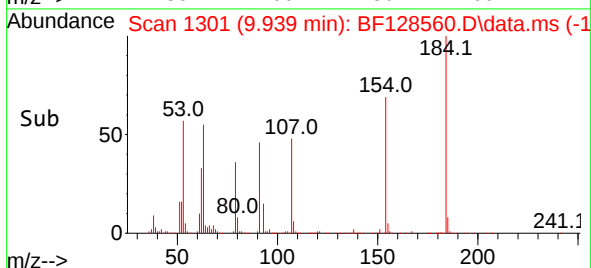
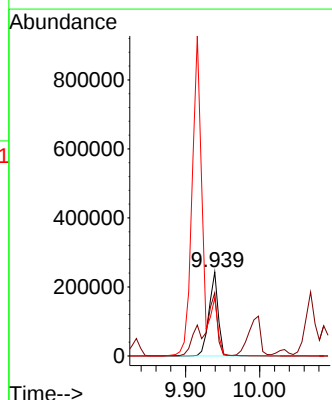
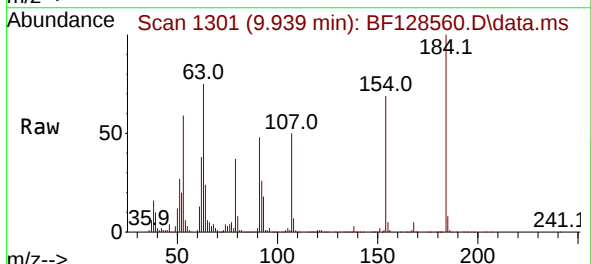
Manual Integrations
APPROVED

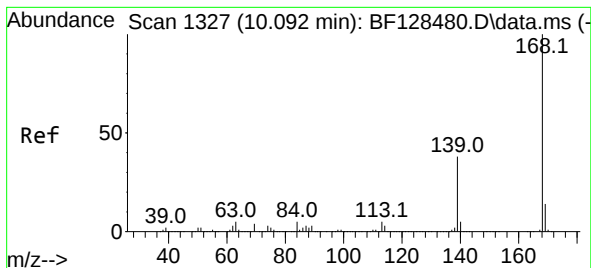
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#54
2,4-Dinitrophenol
Concen: 102.978 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

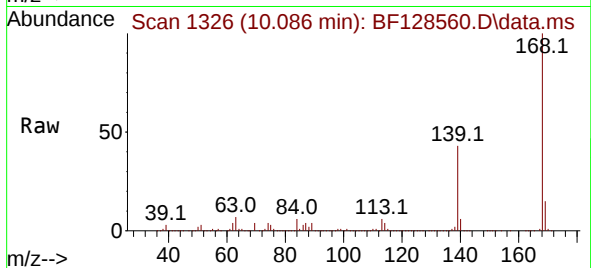
Tgt Ion:184 Resp: 210898
Ion Ratio Lower Upper
184 100
63 75.2 64.5 96.7
154 69.2 50.6 75.8





#55
Dibenzenofuran
Concen: 47.340 ng
RT: 10.086 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

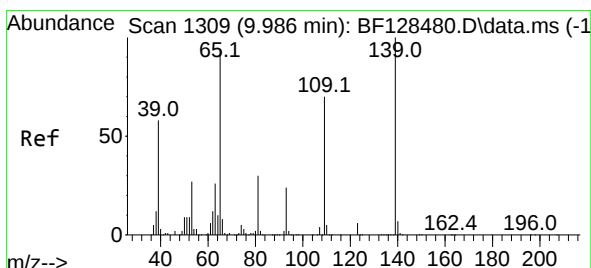
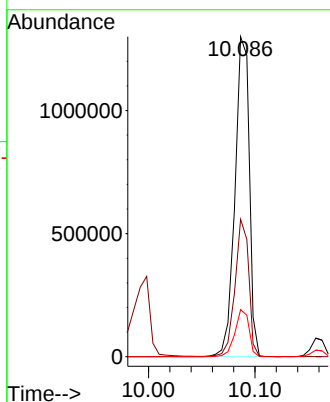
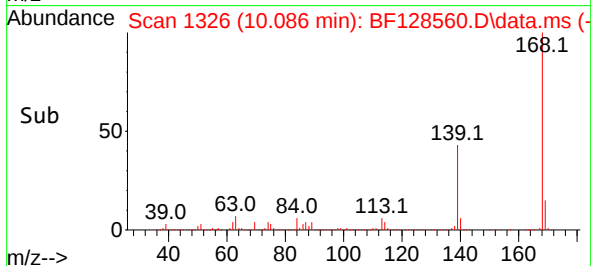
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:168 Resp: 122096
Ion Ratio Lower Upper
168 100
139 42.9 30.6 46.0
169 14.7 11.0 16.6

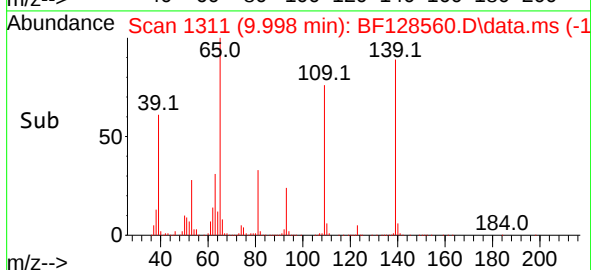
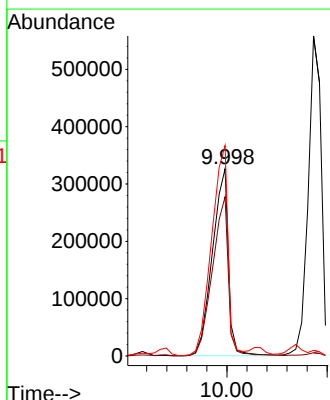
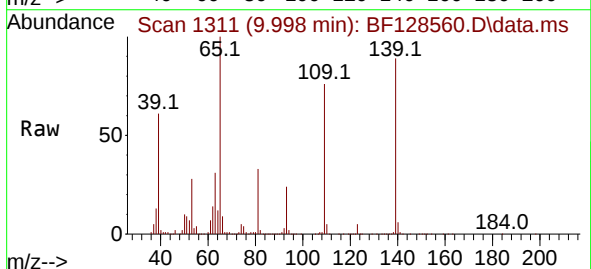
Manual Integrations
APPROVED

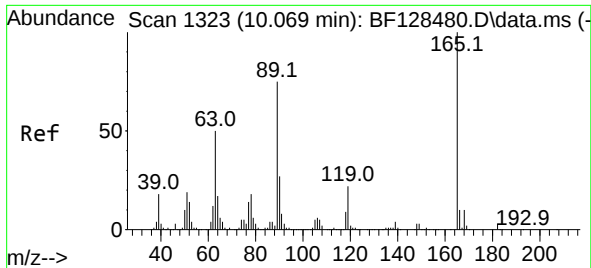
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#56
4-Nitrophenol
Concen: 98.300 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

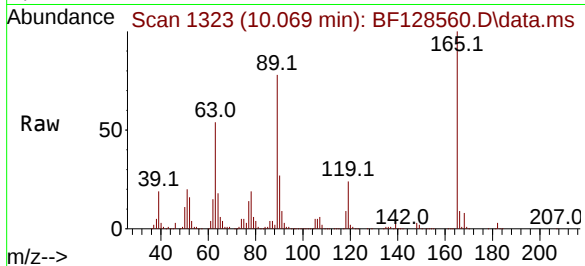
Tgt Ion:139 Resp: 364376
Ion Ratio Lower Upper
139 100
109 85.1 50.7 90.7
65 112.4 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 64.673 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

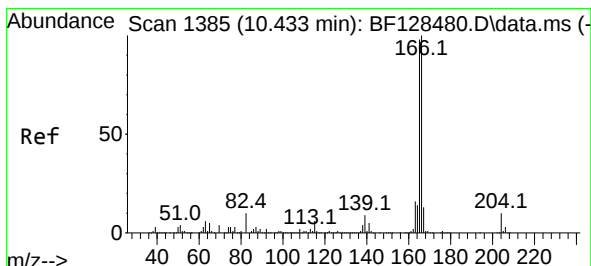
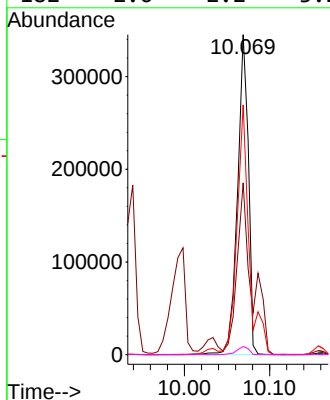
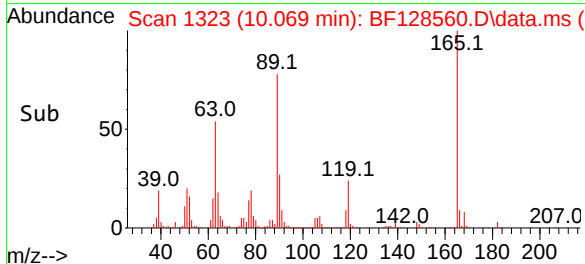
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:165 Resp: 306049
Ion Ratio Lower Upper
165 100
63 53.7 39.8 59.6
89 78.0 60.2 90.2
182 2.6 2.2 3.2

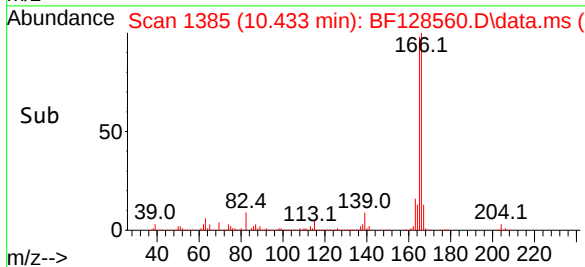
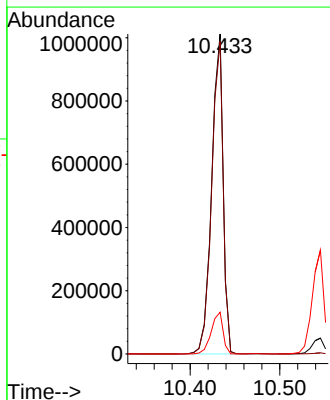
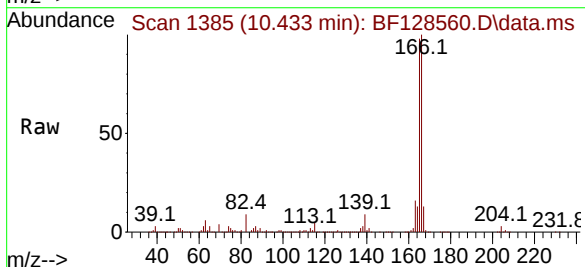
Manual Integrations
APPROVED

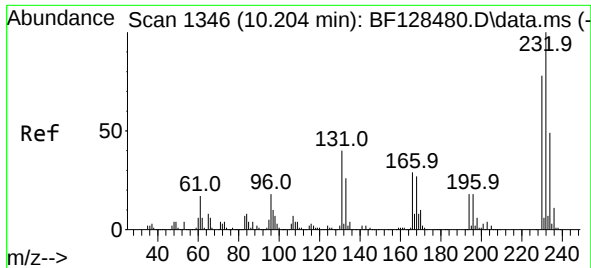
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#58
Fluorene
Concen: 48.403 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

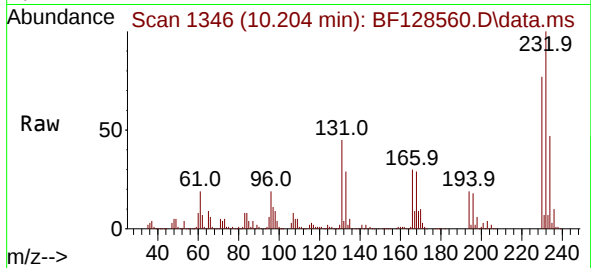
Tgt Ion:166 Resp: 898731
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.305 ng
RT: 10.204 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

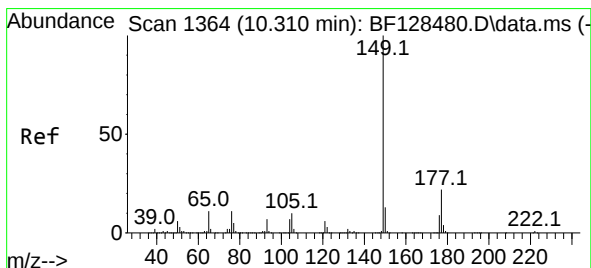
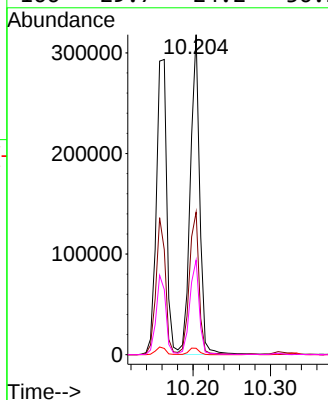
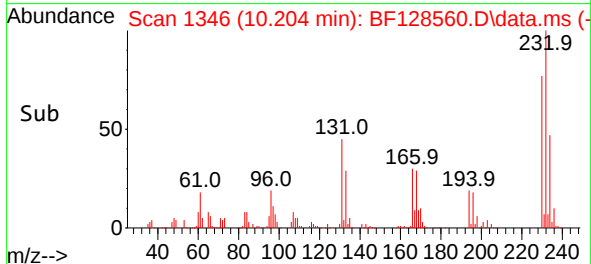
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:232 Resp: 266138
Ion Ratio Lower Upper
232 100
131 45.9 36.1 54.1
130 2.3 1.8 2.8
166 29.7 24.2 36.2

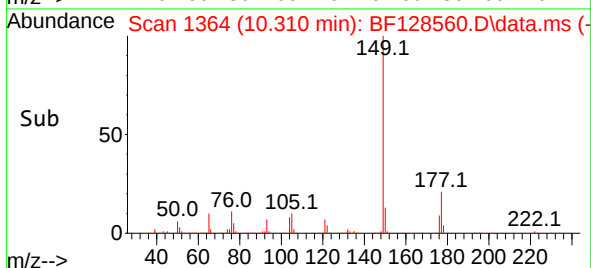
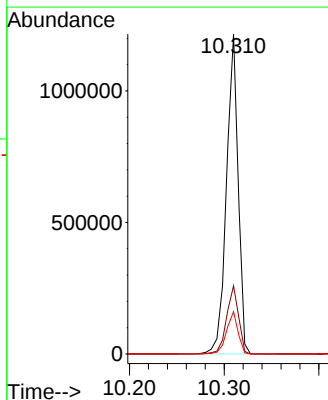
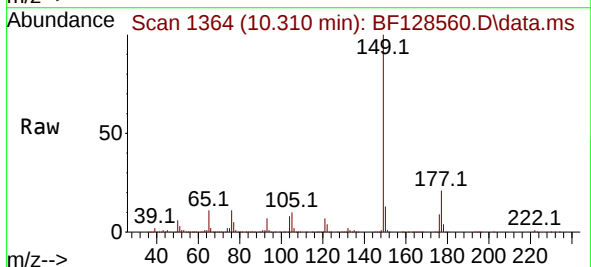
Manual Integrations
APPROVED

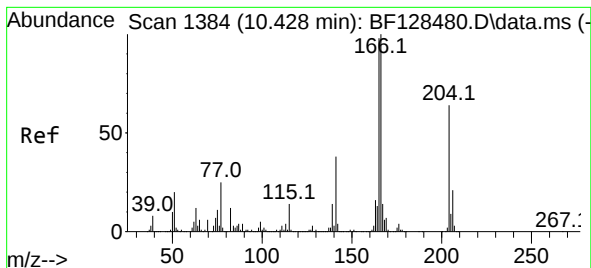
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#60
Diethylphthalate
Concen: 49.641 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

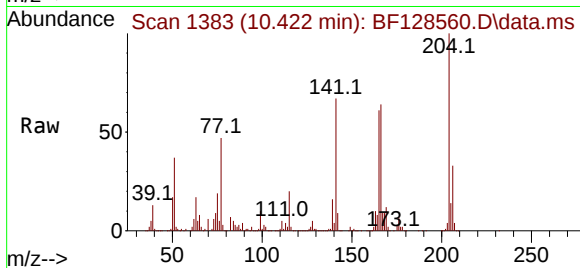
Tgt Ion:149 Resp: 1040750
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.685 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

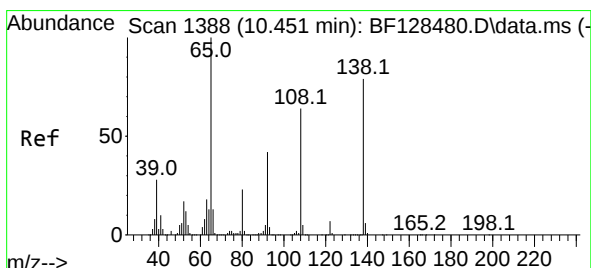
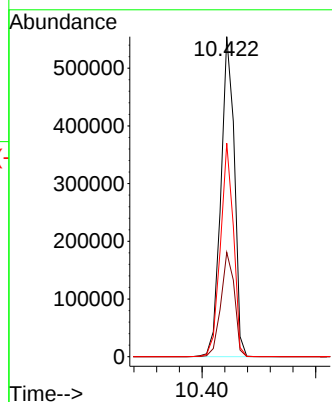
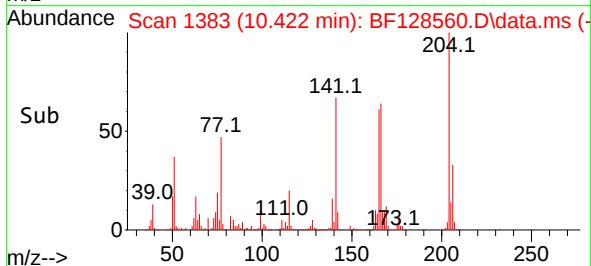
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:204 Resp: 458638
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 66.7 47.0 70.4

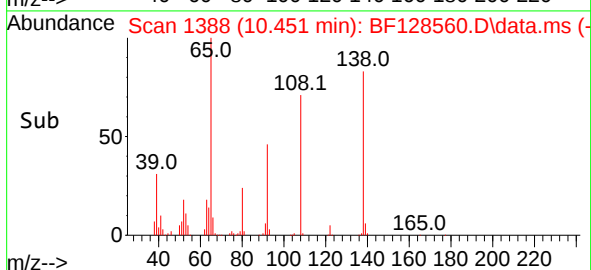
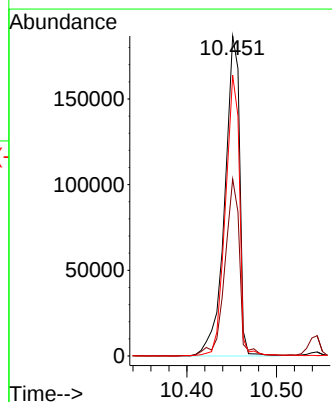
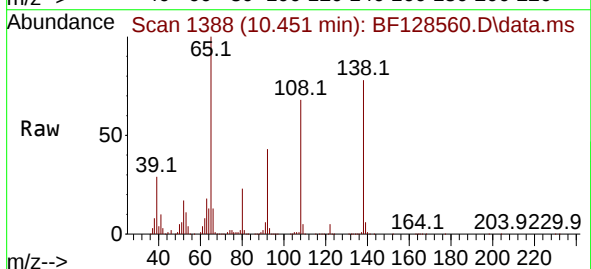
Manual Integrations
APPROVED

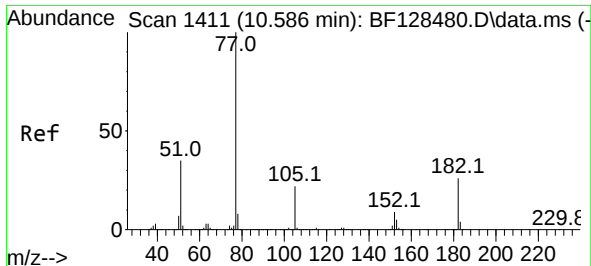
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#62
4-Nitroaniline
Concen: 49.338 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

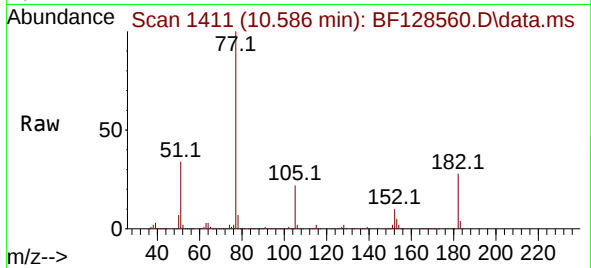
Tgt Ion:138 Resp: 215784
Ion Ratio Lower Upper
138 100
92 55.3 33.5 73.5
108 87.7 61.0 101.0





#63
Azobenzene
Concen: 47.201 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

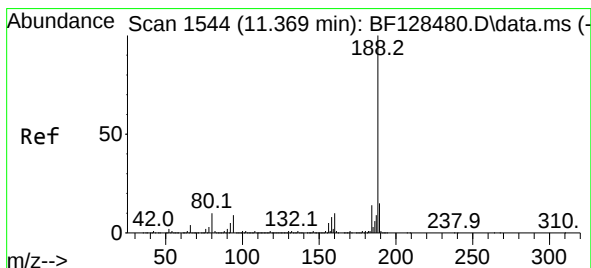
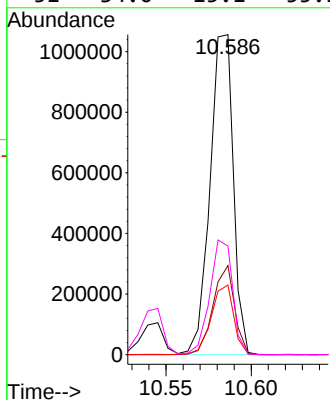
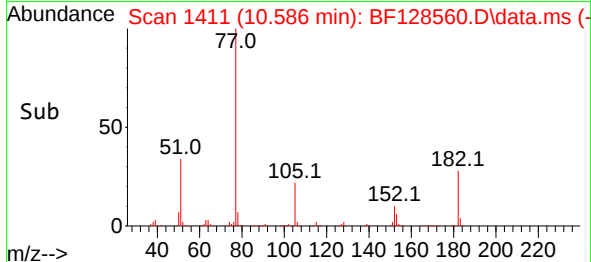
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion: 77 Resp: 1007460
Ion Ratio Lower Upper
77 100
182 27.9 5.6 45.6
105 21.7 1.6 41.6
51 34.0 15.1 55.1

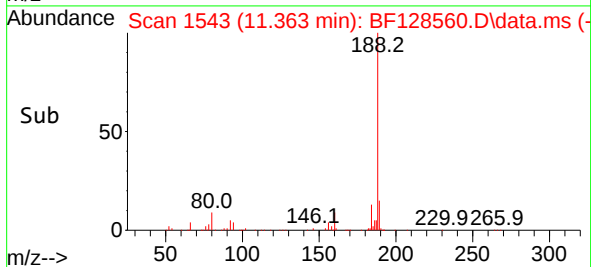
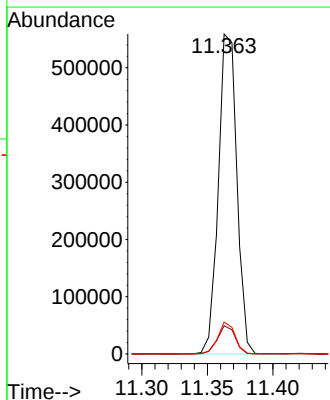
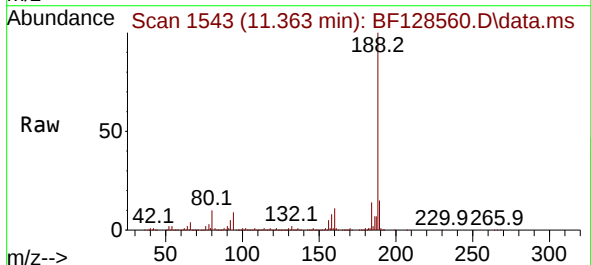
Manual Integrations
APPROVED

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

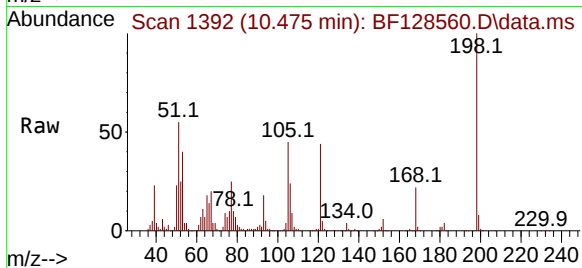
Tgt Ion:188 Resp: 548150
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.0 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.402 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

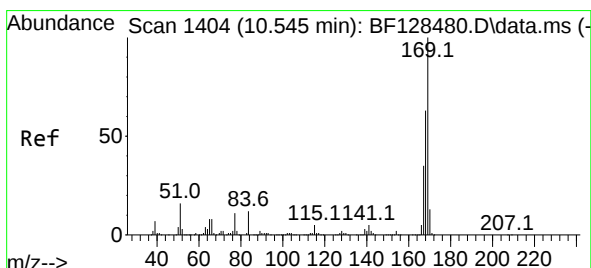
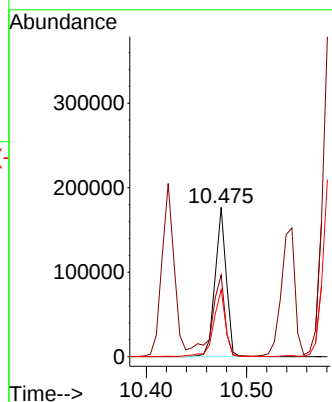
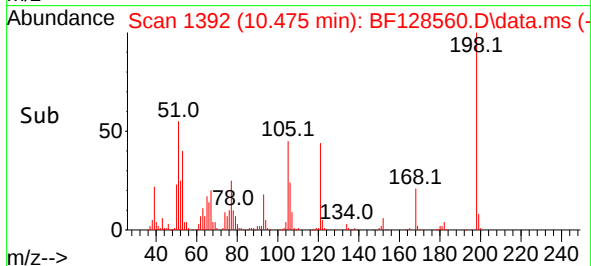
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



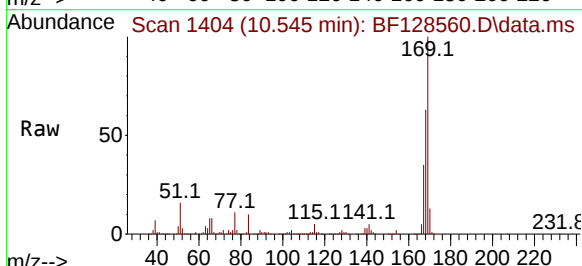
Tgt Ion:198 Resp: 137048
Ion Ratio Lower Upper
198 100
51 54.8 37.6 77.6
105 44.8 27.0 67.0

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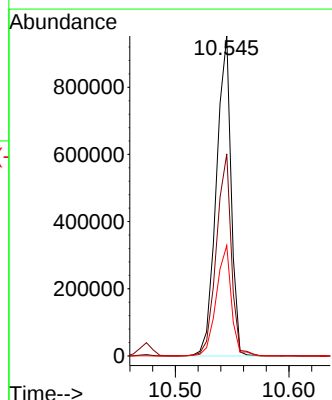
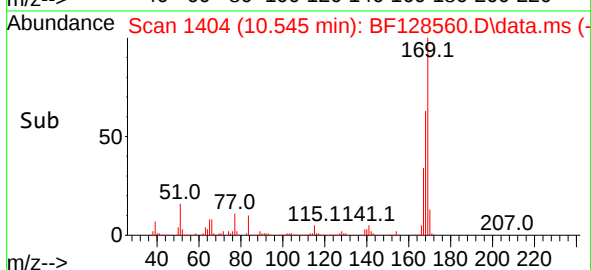
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

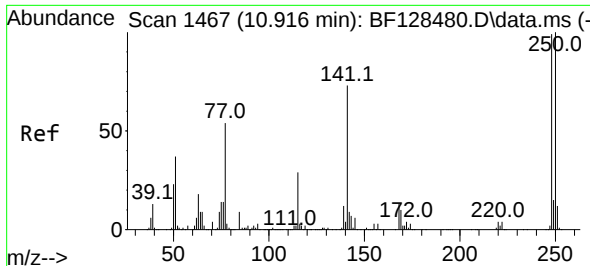


#66
n-Nitrosodiphenylamine
Concen: 52.392 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



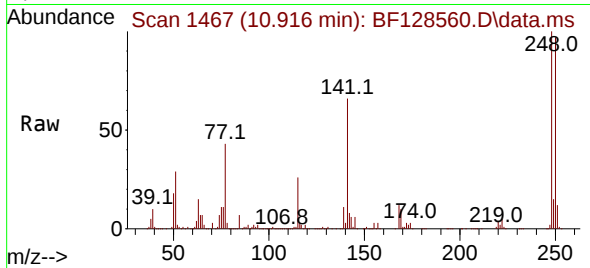
Tgt Ion:169 Resp: 859806
Ion Ratio Lower Upper
169 100
168 63.1 50.1 75.1
167 34.5 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 52.338 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

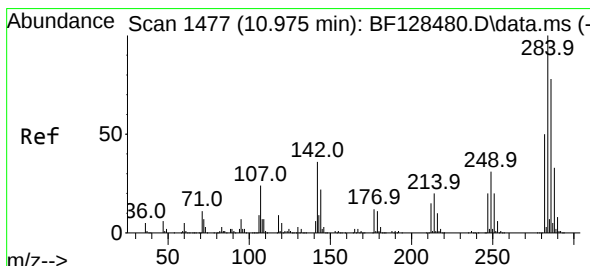
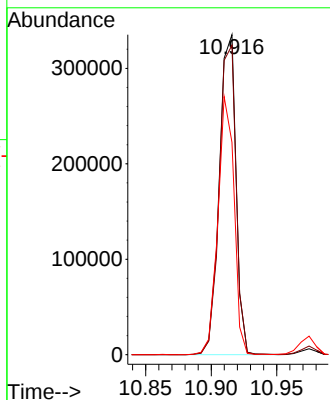
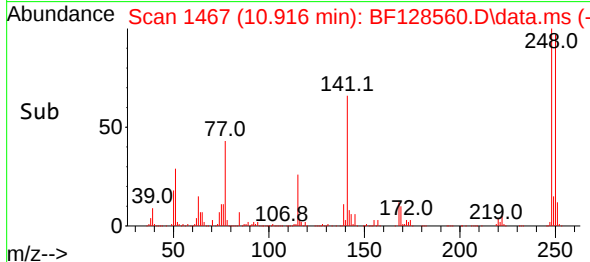
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



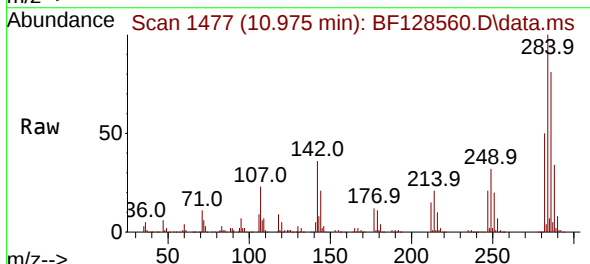
Tgt Ion:248 Resp: 296408
Ion Ratio Lower Upper
248 100
250 96.7 80.6 120.8
141 66.3 58.9 88.3

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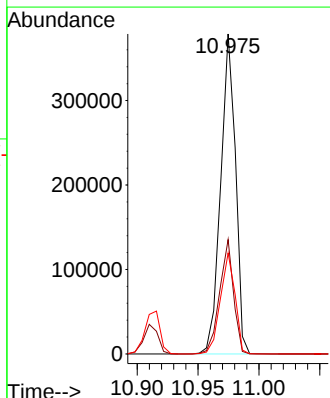
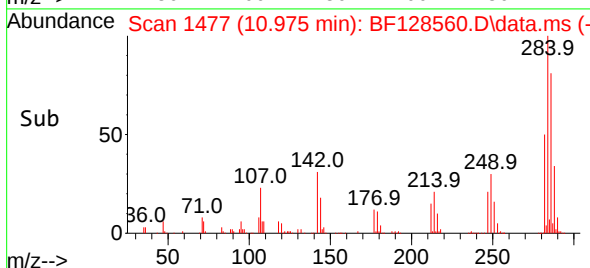
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

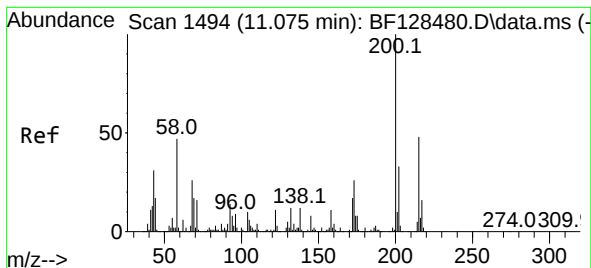


#68
Hexachlorobenzene
Concen: 51.424 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



Tgt Ion:284 Resp: 321613
Ion Ratio Lower Upper
284 100
142 35.7 29.0 43.4
249 31.5 25.0 37.6





#69

Atrazine

Concen: 54.416 ng

RT: 11.075 min Scan# 1494

Delta R.T. 0.000 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

Instrument :

BNA_F

ClientSampleId :

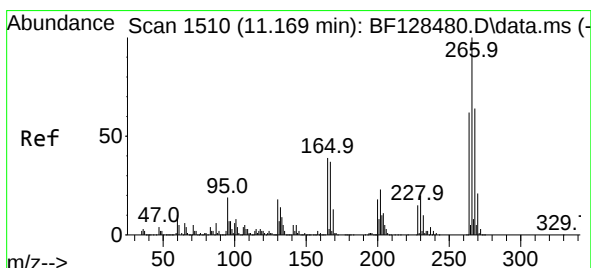
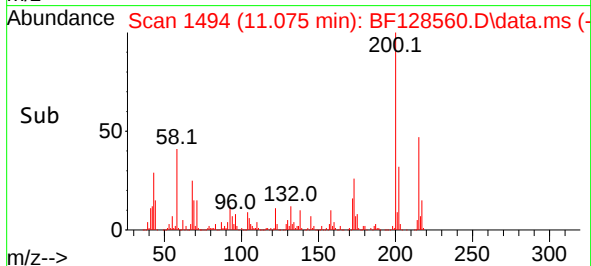
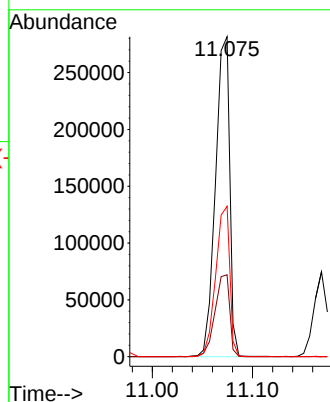
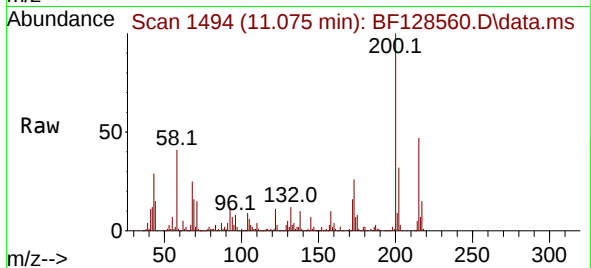
P016-SS005-0006-01MS

Tgt Ion:200 Resp: 277154
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.3 46.3
 215 47.0 28.3 68.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 92.243 ng

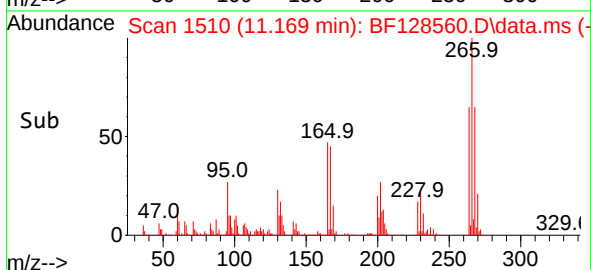
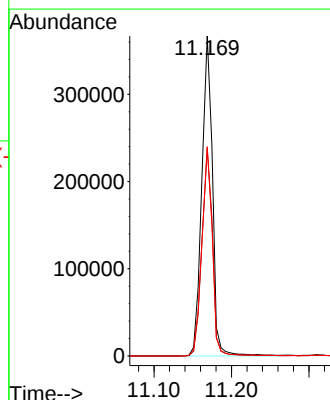
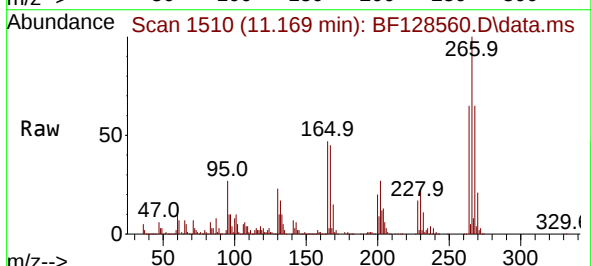
RT: 11.169 min Scan# 1510

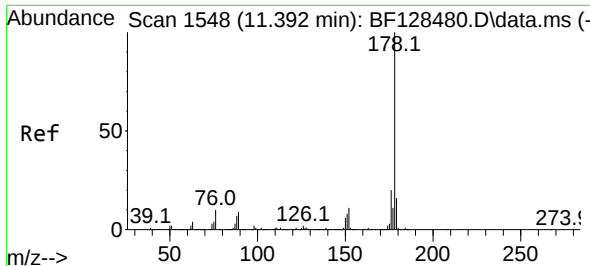
Delta R.T. -0.000 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

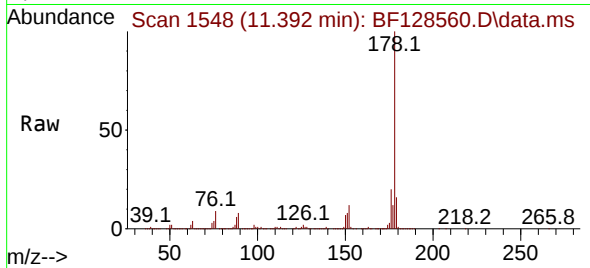
Tgt Ion:266 Resp: 351554
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.0 76.4
 264 65.4 49.4 74.2





#71
Phenanthrene
Concen: 48.077 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

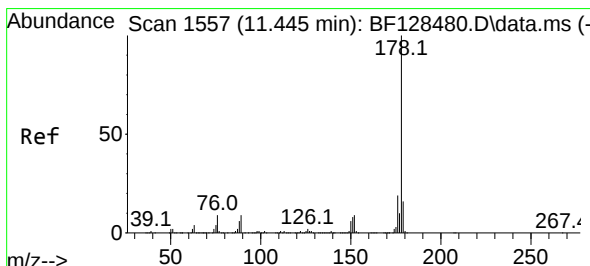
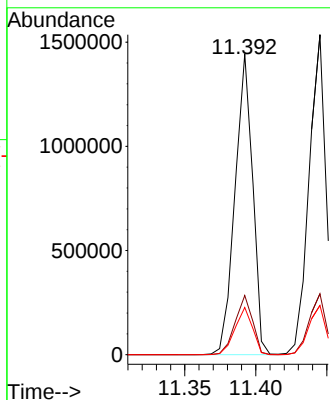
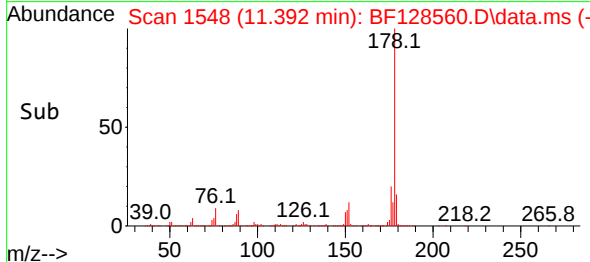
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:178 Resp: 124839
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.7 12.6 19.0

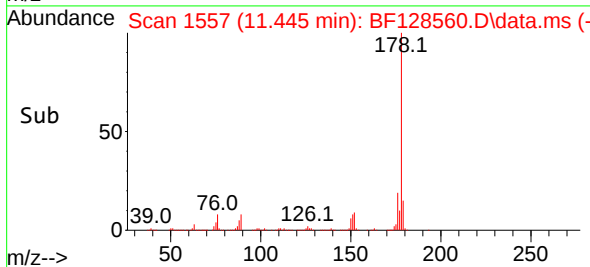
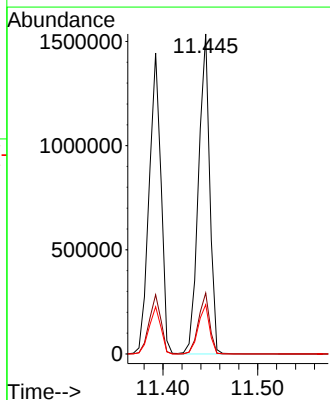
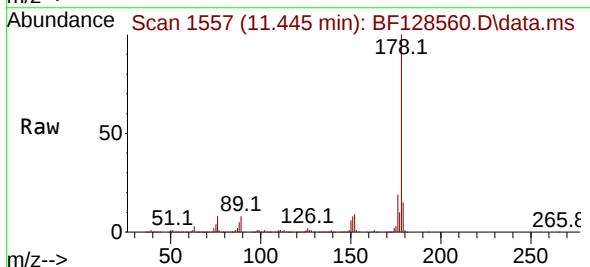
Manual Integrations
APPROVED

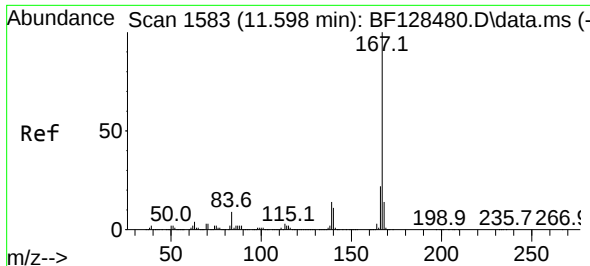
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#72
Anthracene
Concen: 49.007 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

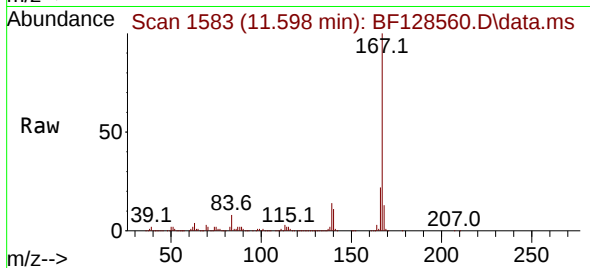
Tgt Ion:178 Resp: 1271122
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 43.763 ng
 RT: 11.598 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF128560.D
 Acq: 28 May 2022 21:08

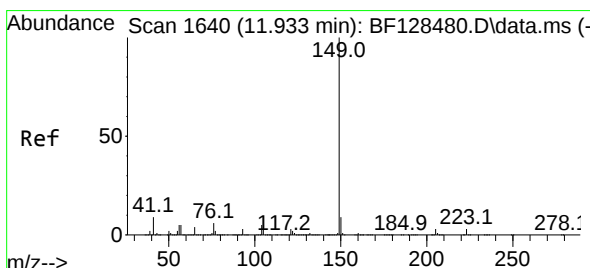
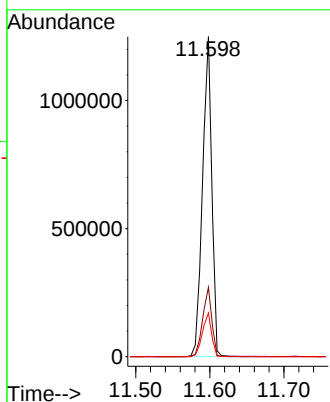
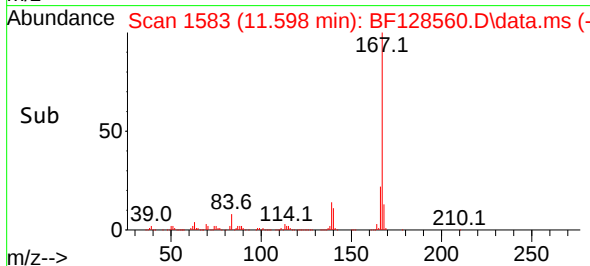
Instrument :
 BNA_F
 ClientSampleId :
 P016-SS005-0006-01MS



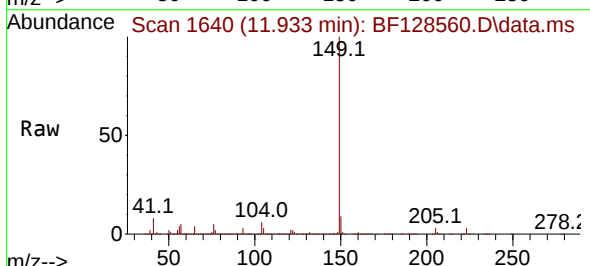
Tgt Ion:167 Resp: 1087820
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.6 11.2 16.8

Manual Integrations
 APPROVED

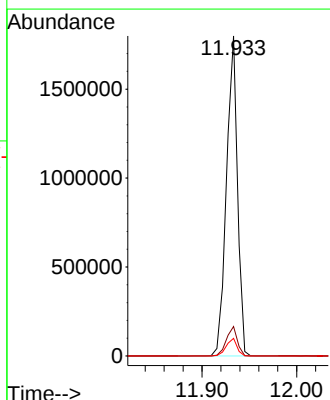
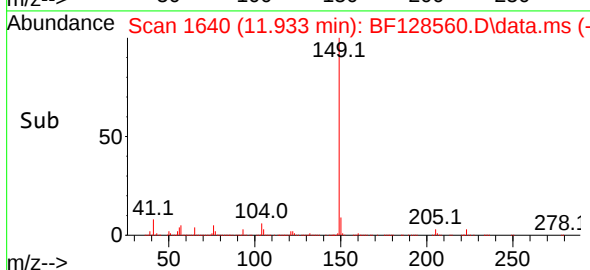
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022

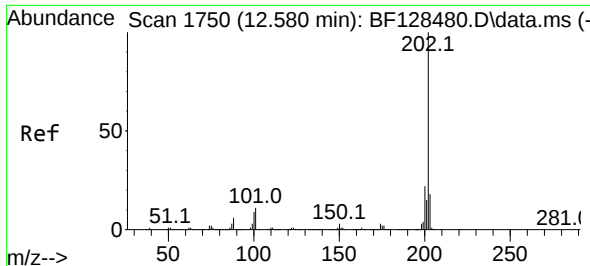


#74
 Di-n-butylphthalate
 Concen: 49.943 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF128560.D
 Acq: 28 May 2022 21:08



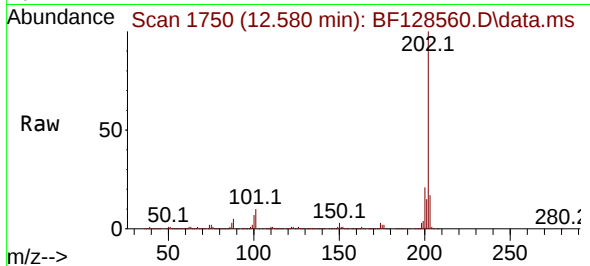
Tgt Ion:149 Resp: 1461170
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 42.340 ng
RT: 12.580 min Scan# 117540
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

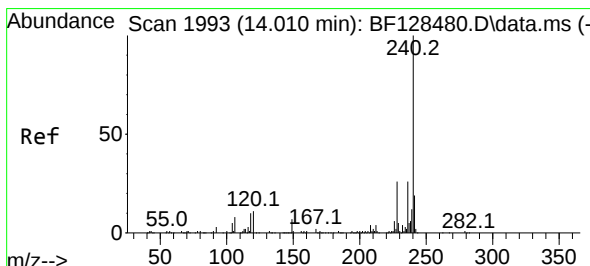
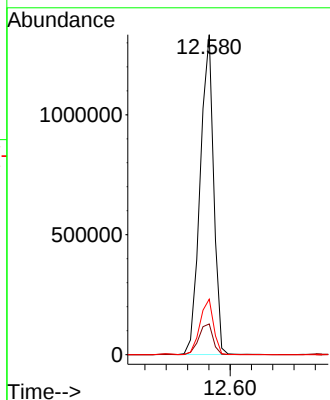
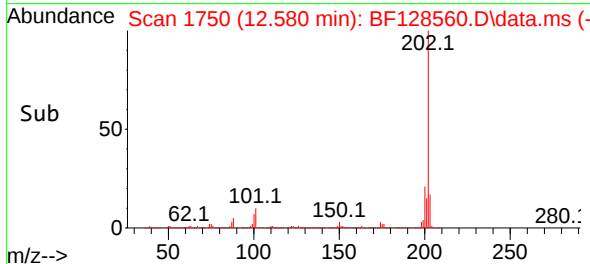
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:202 Resp: 117540
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 17.4 0.0 38.0

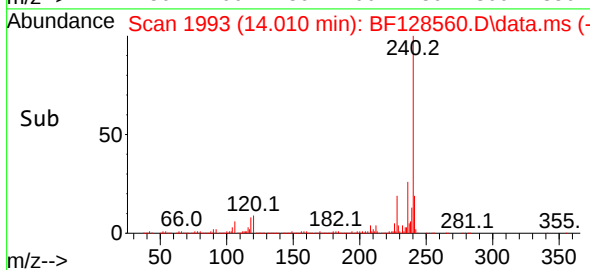
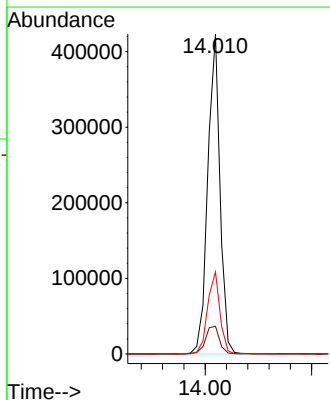
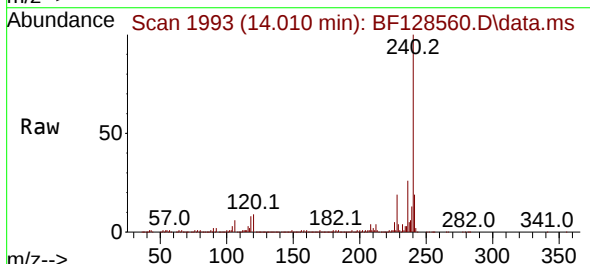
Manual Integrations
APPROVED

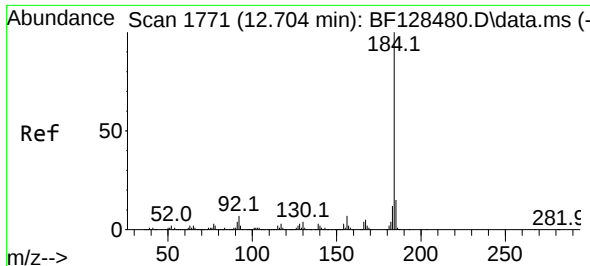
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

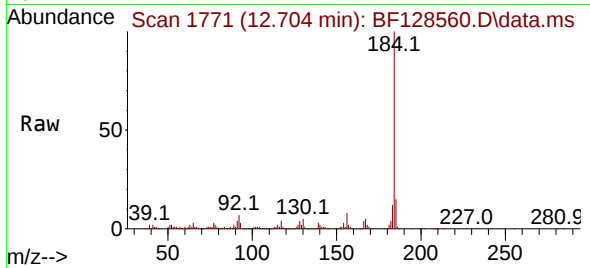
Tgt Ion:240 Resp: 338441
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 25.6 20.8 31.2





#77
Benzidine
Concen: 85.429 ng
RT: 12.704 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

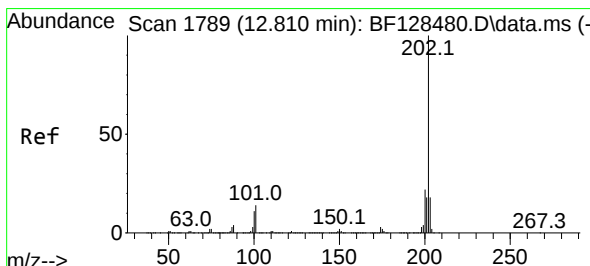
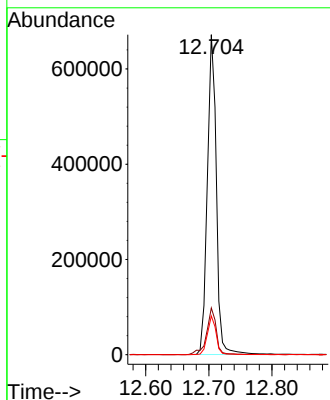
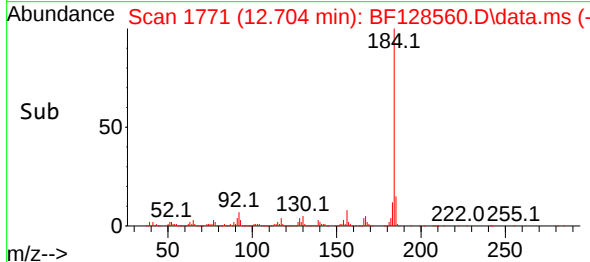
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:184 Resp: 66688
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 12.1 9.3 13.9

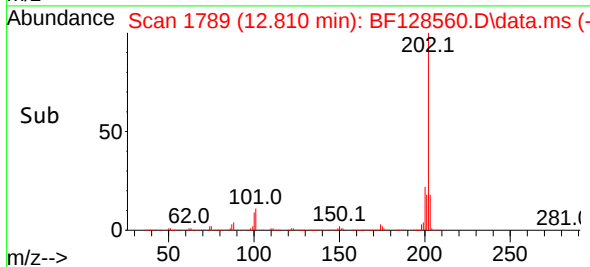
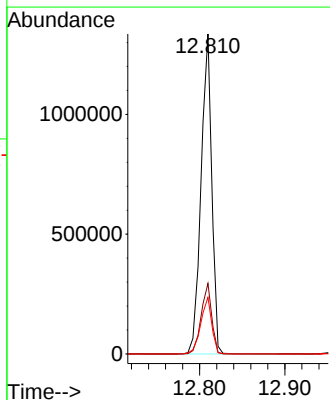
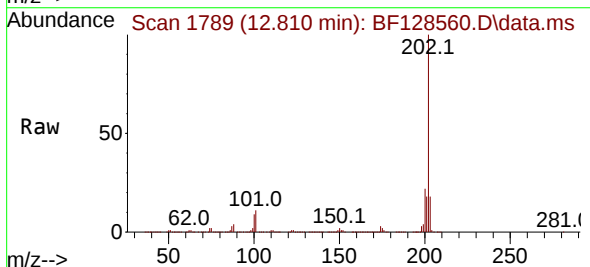
Manual Integrations
APPROVED

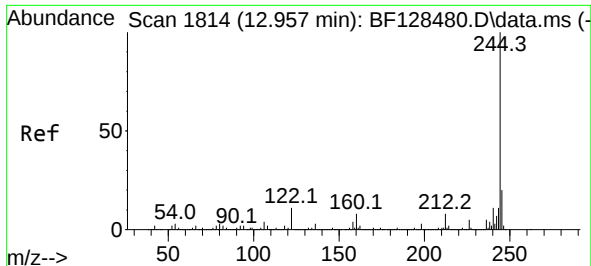
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#78
Pyrene
Concen: 45.725 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

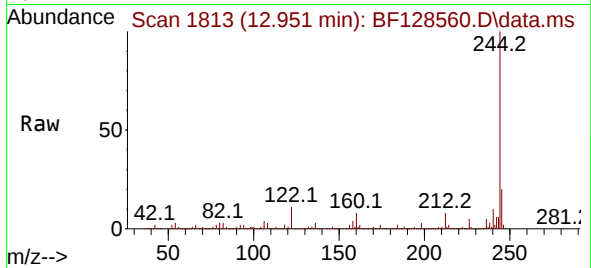
Tgt Ion:202 Resp: 1165840
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 83.911 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128560.D
 Acq: 28 May 2022 21:08

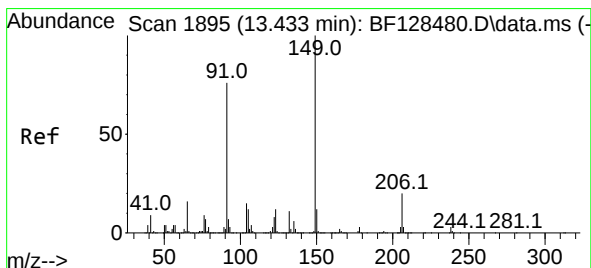
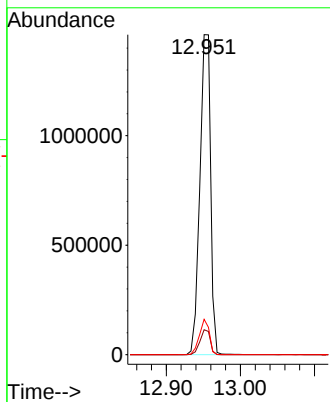
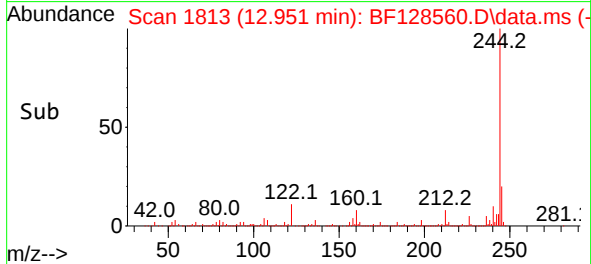
Instrument :
 BNA_F
 ClientSampleId :
 P016-SS005-0006-01MS



Tgt Ion:244 Resp: 146995
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 11.1 8.8 13.2

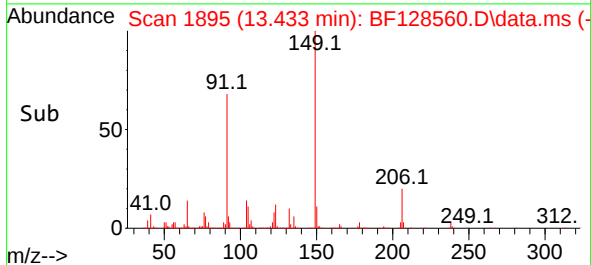
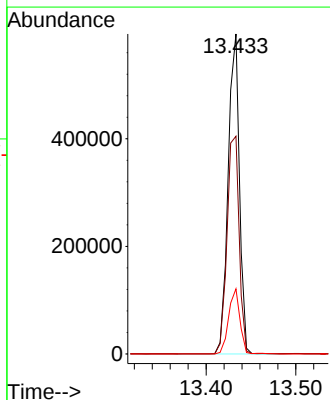
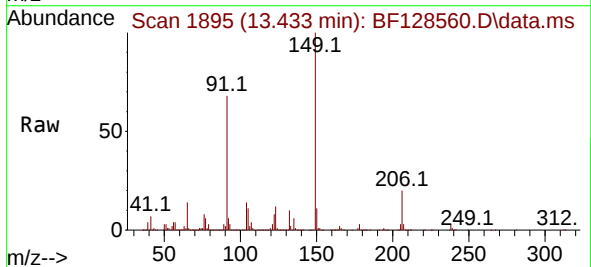
Manual Integrations
 APPROVED

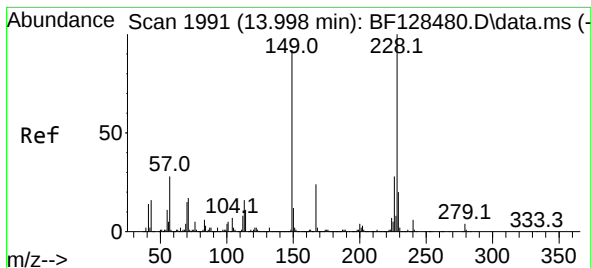
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#80
 Butylbenzylphthalate
 Concen: 48.480 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF128560.D
 Acq: 28 May 2022 21:08

Tgt Ion:149 Resp: 521376
 Ion Ratio Lower Upper
 149 100
 91 68.0 61.2 91.8
 206 20.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 48.032 ng

RT: 13.998 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

Instrument :

BNA_F

ClientSampleId :

P016-SS005-0006-01MS

Tgt Ion:228 Resp: 966208

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

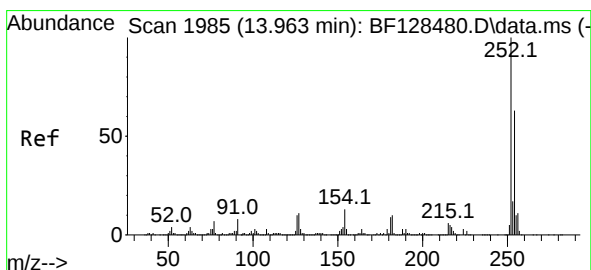
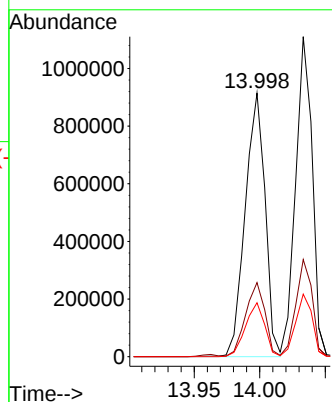
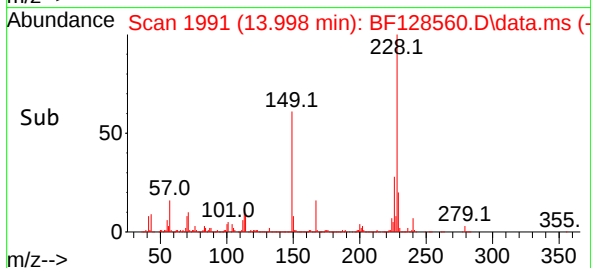
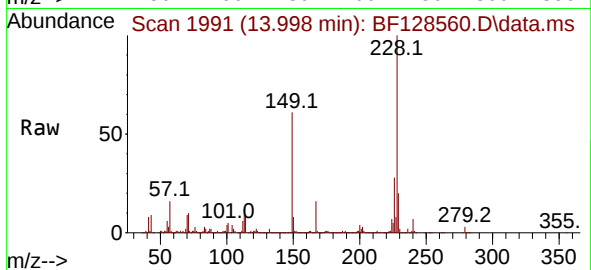
229 20.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#82

3,3'-Dichlorobenzidine

Concen: 70.047 ng

RT: 13.963 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

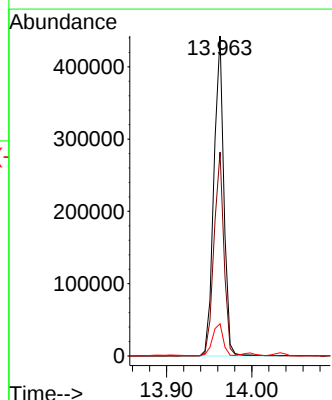
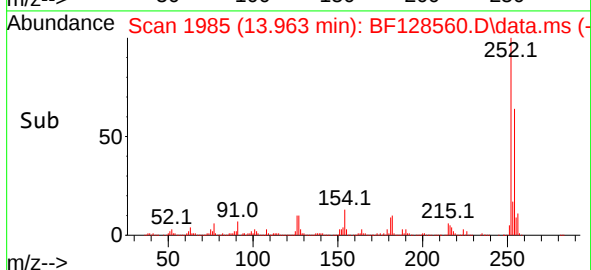
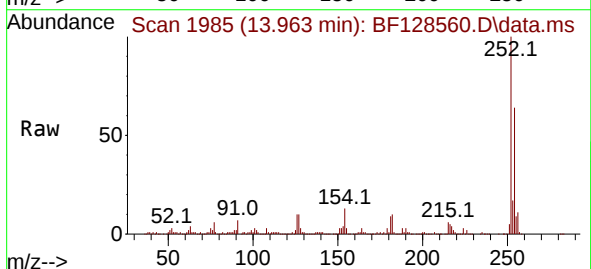
Tgt Ion:252 Resp: 360807

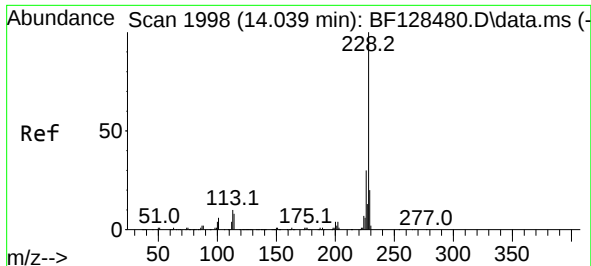
Ion Ratio Lower Upper

252 100

254 63.7 50.2 75.4

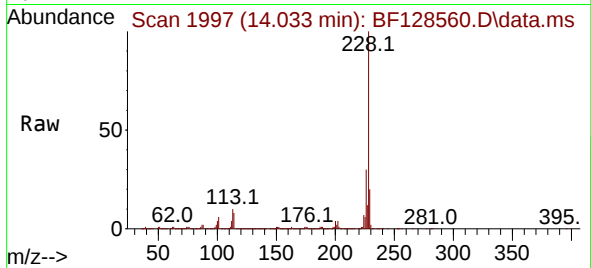
126 10.0 8.2 12.4





#83
Chrysene
Concen: 47.406 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

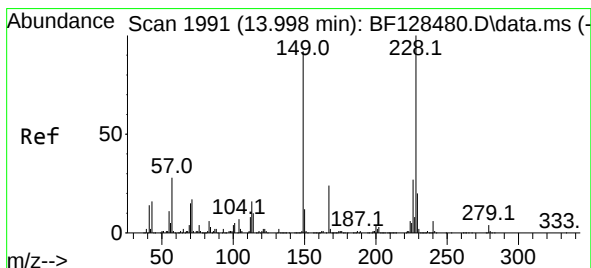
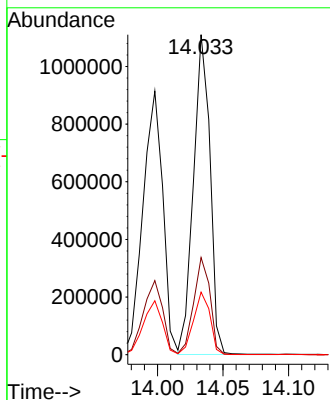
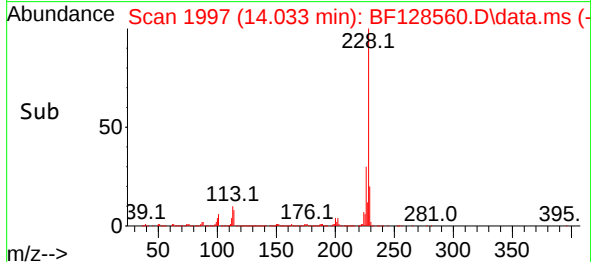
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:228 Resp: 976620
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.5 15.9 23.9

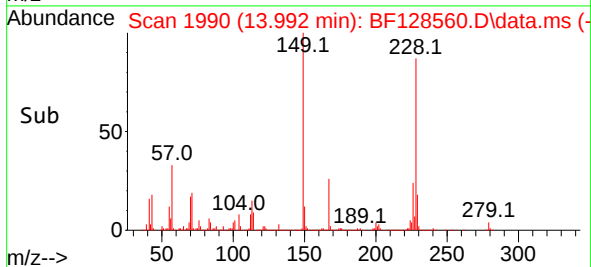
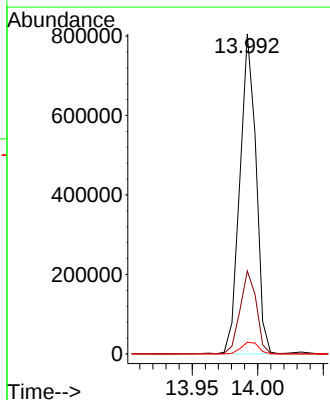
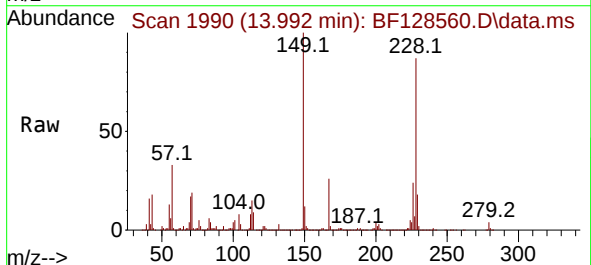
Manual Integrations
APPROVED

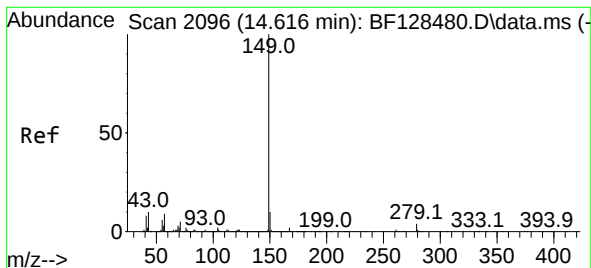
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.138 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

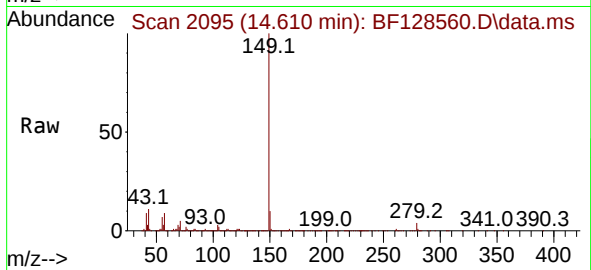
Tgt Ion:149 Resp: 691180
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 3.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 52.269 ng
RT: 14.610 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

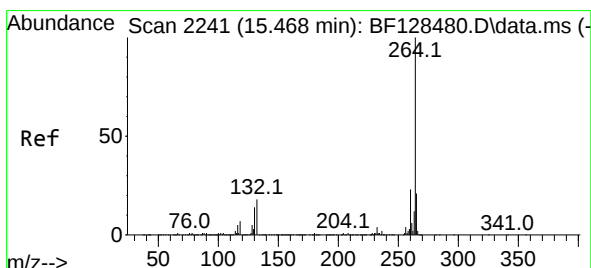
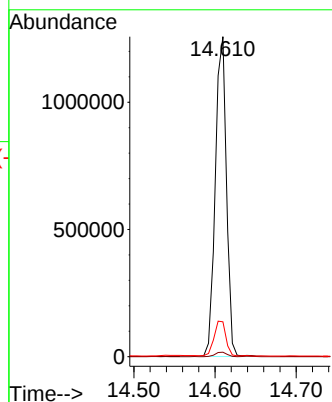
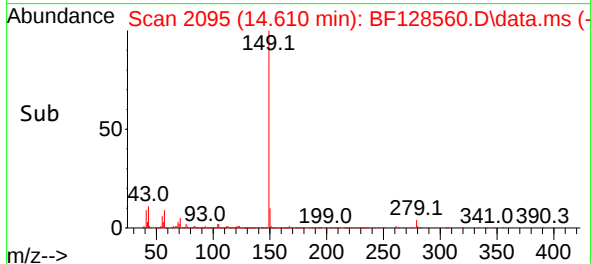
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion:149 Resp: 119676
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.3 9.2 13.8

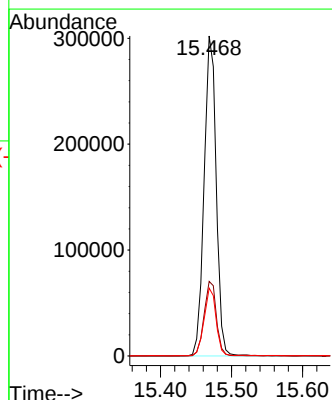
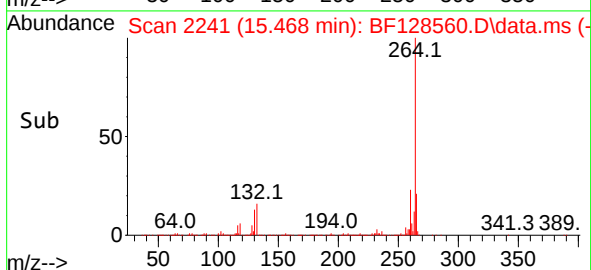
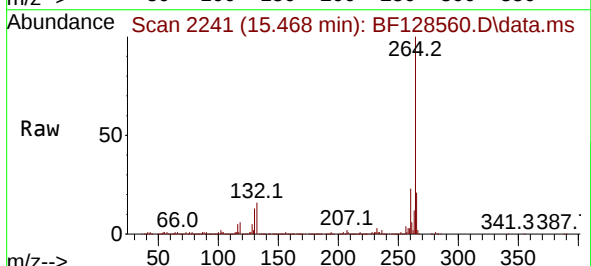
Manual Integrations
APPROVED

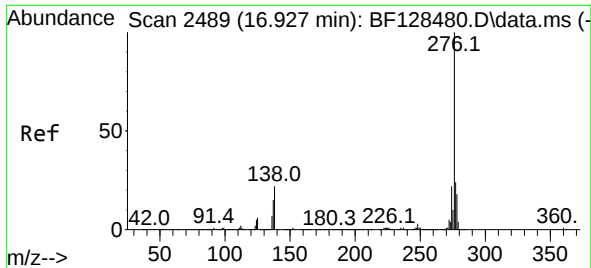
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

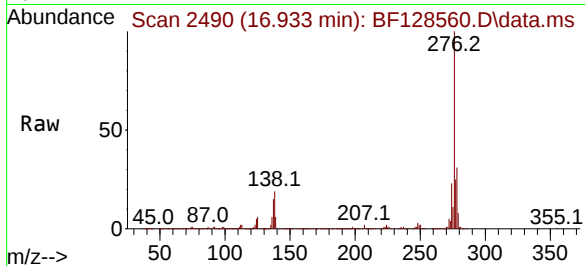
Tgt Ion:264 Resp: 358803
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.2 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.553 ng
RT: 16.933 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

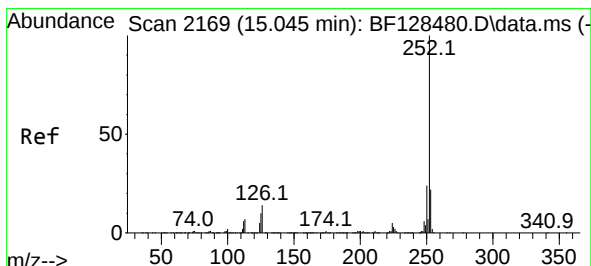
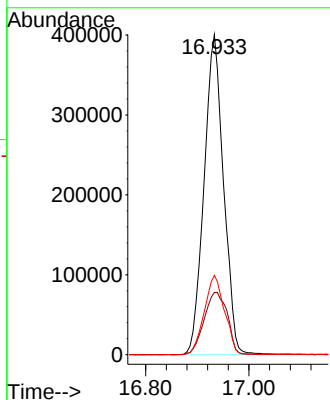
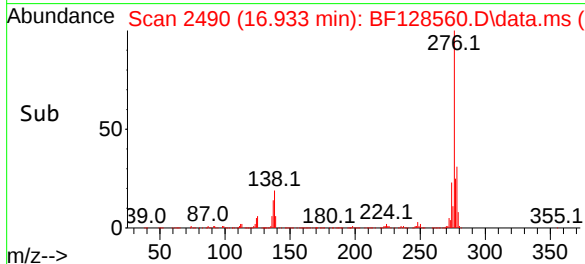
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion: 276 Resp: 1048664
Ion Ratio Lower Upper
276 100
138 23.3 21.1 31.7
277 25.8 20.3 30.5

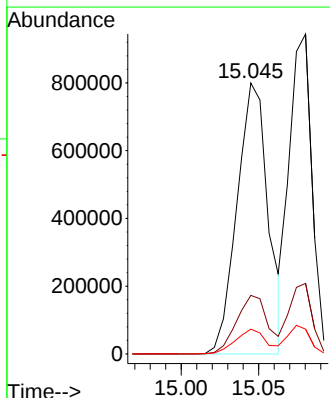
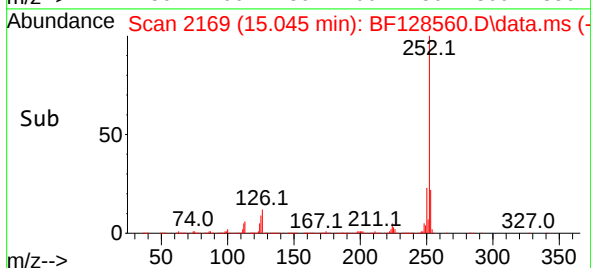
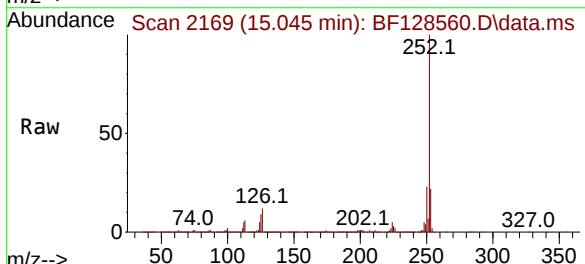
Manual Integrations
APPROVED

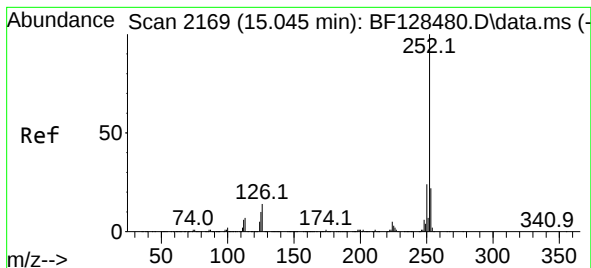
Reviewed By : Christian Giraldo 05/29/2022
Supervised By : Jagrut Upadhyay 05/31/2022



#88
Benzo(b)fluoranthene
Concen: 50.093 ng
RT: 15.045 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

Tgt Ion: 252 Resp: 1118078
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.585 ng m

RT: 15.080 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF128560.D

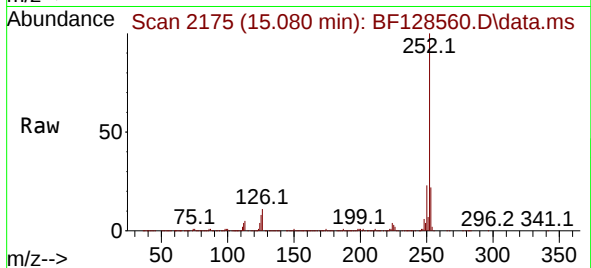
Acq: 28 May 2022 21:08

Instrument :

BNA_F

ClientSampleId :

P016-SS005-0006-01MS



Tgt Ion:252 Resp: 96338

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

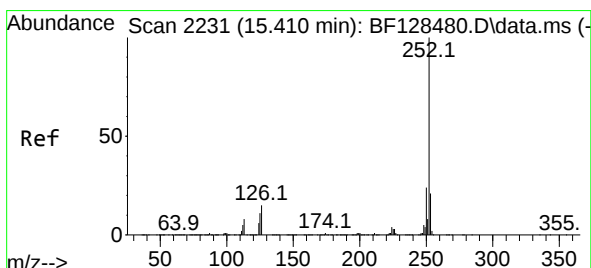
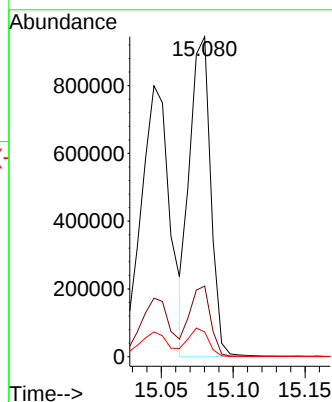
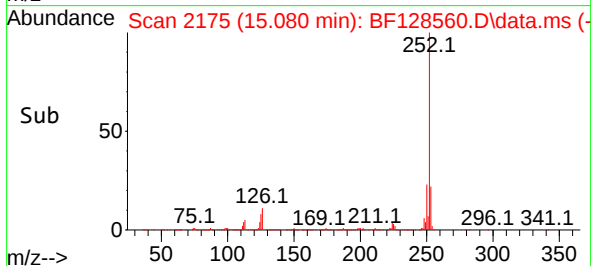
125 7.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/29/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#90

Benzo(a)pyrene

Concen: 56.403 ng

RT: 15.415 min Scan# 2232

Delta R.T. 0.006 min

Lab File: BF128560.D

Acq: 28 May 2022 21:08

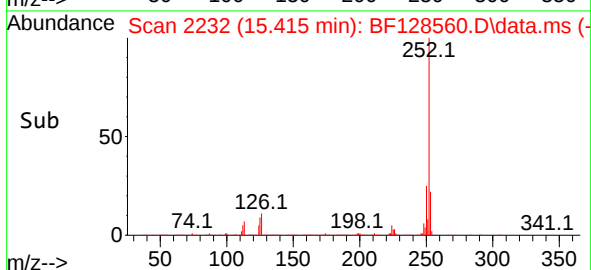
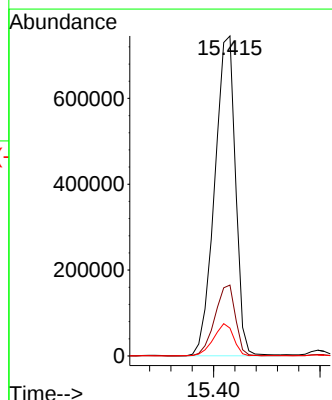
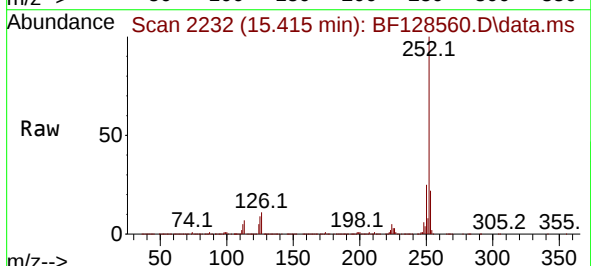
Tgt Ion:252 Resp: 1010051

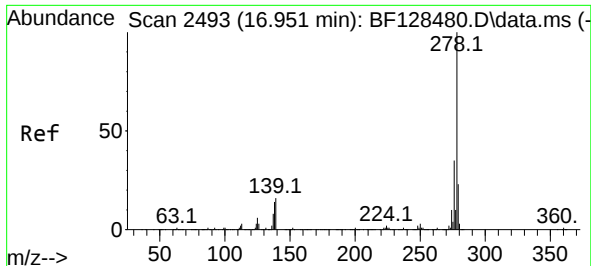
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

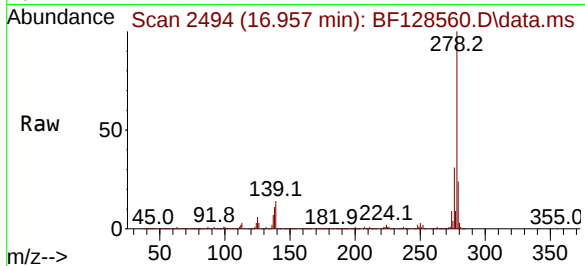
125 8.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 52.651 ng
RT: 16.957 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08

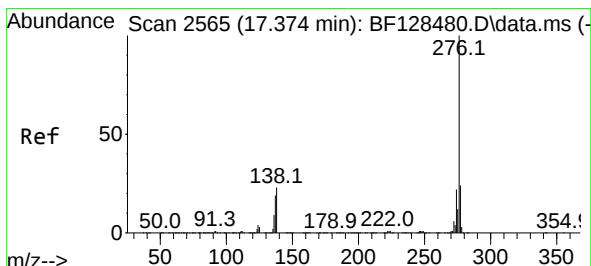
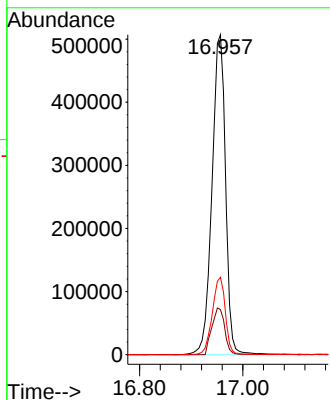
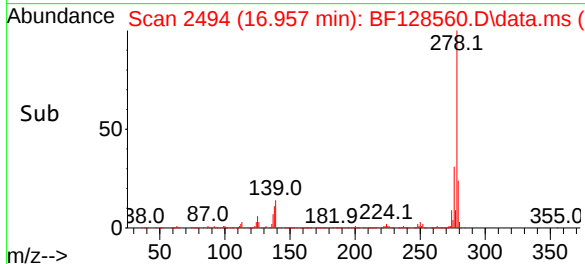
Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS



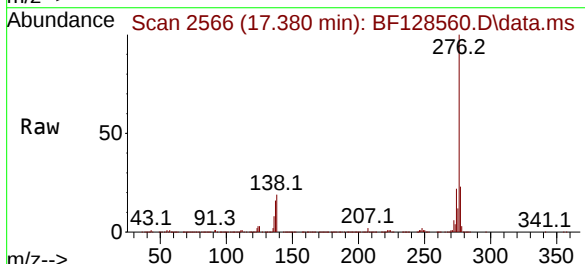
Tgt Ion: 278 Resp: 92384
Ion Ratio Lower Upper
278 100
139 14.1 12.8 19.2
279 24.2 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.536 ng
RT: 17.380 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF128560.D
Acq: 28 May 2022 21:08



Tgt Ion: 276 Resp: 879539
Ion Ratio Lower Upper
276 100
277 23.1 19.1 28.7
138 19.0 18.0 27.0

