

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126044.D
 Acq On : 4 Nov 2021 14:20
 Operator : JU/CG
 Sample : M4448-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 08 07:19:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	144878	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	533335	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	318061	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	537363	20.000	ng	0.00
76) Chrysene-d12	14.010	240	297700	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	341180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	788398	93.451	ng	0.01
7) Phenol-d6	6.481	99	1043832	87.771	ng	0.00
23) Nitrobenzene-d5	7.416	82	761327	67.321	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	356388	97.775	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1473741	62.616	ng	0.00
79) Terphenyl-d14	12.957	244	1253628	67.905	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	132644	37.812	ng	# 100
3) Pyridine	3.428	79	308465	32.678	ng	96
4) n-Nitrosodimethylamine	3.375	42	276520	41.773	ng	# 92
6) Aniline	6.516	93	308798	23.548	ng	# 90
8) 2-Chlorophenol	6.634	128	397801	44.127	ng	# 80
9) Benzaldehyde	6.398	77	287415	42.620	ng	88
10) Phenol	6.498	94	522501	42.968	ng	82
11) bis(2-Chloroethyl)ether	6.586	93	379526	42.849	ng	88
12) 1,3-Dichlorobenzene	6.792	146	434965	42.365	ng	# 91
13) 1,4-Dichlorobenzene	6.869	146	443695	42.380	ng	95
14) 1,2-Dichlorobenzene	7.022	146	425955	42.231	ng	96
15) Benzyl Alcohol	6.992	79	433281	42.660	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.128	45	663627	40.747	ng	94
17) 2-Methylphenol	7.104	107	335844	43.775	ng	# 88
18) Hexachloroethane	7.369	117	175722	44.676	ng	# 83
19) n-Nitroso-di-n-propyla...	7.269	70	343447	43.806	ng	# 83
20) 3+4-Methylphenols	7.257	107	445406	42.942	ng	# 72
22) Acetophenone	7.263	105	635959	41.286	ng	# 87
24) Nitrobenzene	7.433	77	505899	45.166	ng	# 82
25) Isophorone	7.675	82	854453	41.965	ng	# 88
26) 2-Nitrophenol	7.751	139	201868	50.659	ng	# 63
27) 2,4-Dimethylphenol	7.786	122	350072	47.157	ng	# 78
28) bis(2-Chloroethoxy)met...	7.886	93	486568	40.525	ng	# 97
29) 2,4-Dichlorophenol	7.992	162	362306	43.237	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	420833	41.189	ng	99
31) Naphthalene	8.157	128	1166857	42.240	ng	99
32) Benzoic acid	7.910	122	208709	45.833	ng	# 67
33) 4-Chloroaniline	8.204	127	91610	8.298	ng	# 88
34) Hexachlorobutadiene	8.275	225	286182	40.690	ng	99
35) Caprolactam	8.575	113	97835m	41.928	ng	
36) 4-Chloro-3-methylphenol	8.686	107	415299	42.979	ng	87
37) 2-Methylnaphthalene	8.851	142	846481	44.367	ng	99
38) 1-Methylnaphthalene	8.951	142	768135	41.564	ng	97
40) 1,2,4,5-Tetrachloroben...	9.016	216	447775	42.009	ng	98
41) Hexachlorocyclopentadiene	9.004	237	476180	85.980	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	286207	44.341	ng	99

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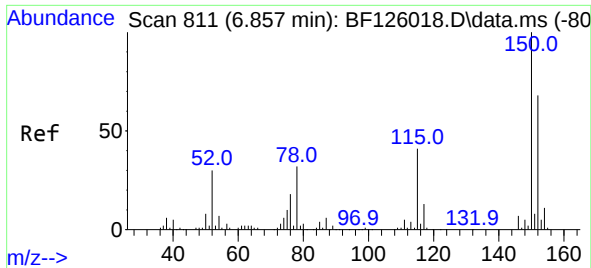
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	304737	43.702	ng	95
46) 1,1'-Biphenyl	9.310	154	1018970	41.448	ng	98
47) 2-Chloronaphthalene	9.333	162	818795	42.314	ng	99
48) 2-Nitroaniline	9.427	65	288132	45.672	ng	# 70
49) Acenaphthylene	9.751	152	1249376	42.694	ng	98
50) Dimethylphthalate	9.616	163	987677	42.653	ng	99
51) 2,6-Dinitrotoluene	9.669	165	202733	51.078	ng	# 57
52) Acenaphthene	9.922	154	854137	46.276	ng	97
53) 3-Nitroaniline	9.833	138	83156	20.437	ng	# 59
54) 2,4-Dinitrophenol	9.945	184	149038	73.882	ng	89
55) Dibenzofuran	10.098	168	1131712	40.730	ng	99
56) 4-Nitrophenol	9.998	139	266533	82.999	ng	# 46
57) 2,4-Dinitrotoluene	10.074	165	274909	48.076	ng	# 87
58) Fluorene	10.439	166	914057	40.977	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	246141	41.685	ng	# 90
60) Diethylphthalate	10.310	149	978946	42.157	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	491878	41.231	ng	94
62) 4-Nitroaniline	10.451	138	158825	37.425	ng	82
63) Azobenzene	10.592	77	1003898	39.814	ng	94
65) 4,6-Dinitro-2-methylph...	10.480	198	108519	42.992	ng	97
66) n-Nitrosodiphenylamine	10.545	169	773813	45.219	ng	96
67) 4-Bromophenyl-phenylether	10.921	248	299530	46.020	ng	94
68) Hexachlorobenzene	10.986	284	307395	45.210	ng	# 89
69) Atrazine	11.074	200	283444	46.828	ng	92
70) Pentachlorophenol	11.174	266	319332	87.159	ng	96
71) Phenanthrene	11.398	178	1255386	43.079	ng	98
72) Anthracene	11.451	178	1263454	43.426	ng	99
73) Carbazole	11.598	167	989858	36.683	ng	99
74) Di-n-butylphthalate	11.933	149	1418919	45.129	ng	# 98
75) Fluoranthene	12.580	202	1225355	37.760	ng	96
77) Benzidine	12.704	184	370500	37.229	ng	98
78) Pyrene	12.810	202	1167672	48.909	ng	97
80) Butylbenzylphthalate	13.433	149	426476	49.042	ng	86
81) Benzo(a)anthracene	13.998	228	891832	43.607	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	218614	36.631	ng	98
83) Chrysene	14.033	228	869291	45.681	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	617364	51.223	ng	# 99
85) Di-n-octyl phthalate	14.604	149	977205	57.066	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1003672	49.700	ng	# 84
88) Benzo(b)fluoranthene	15.045	252	992820	44.737	ng	# 94
89) Benzo(k)fluoranthene	15.074	252	809582m	37.607	ng	
90) Benzo(a)pyrene	15.409	252	901271	51.549	ng	# 94
91) Dibenzo(a,h)anthracene	16.951	278	853279	51.445	ng	# 91
92) Benzo(g,h,i)perylene	17.368	276	786305	49.431	ng	# 84

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

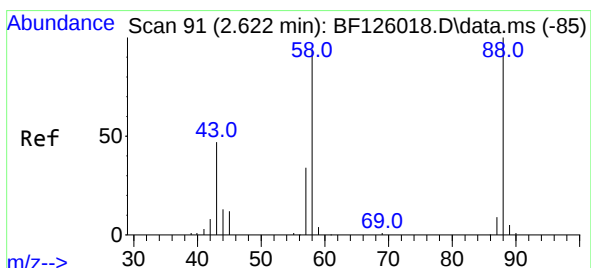
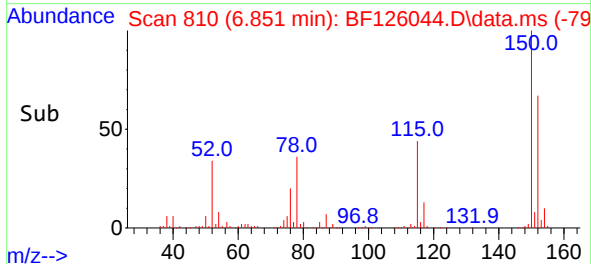
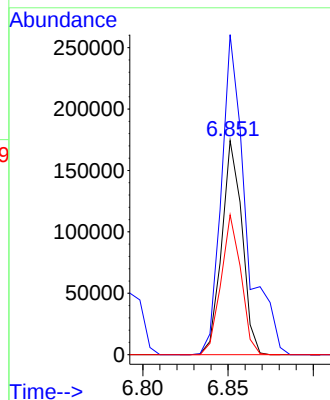
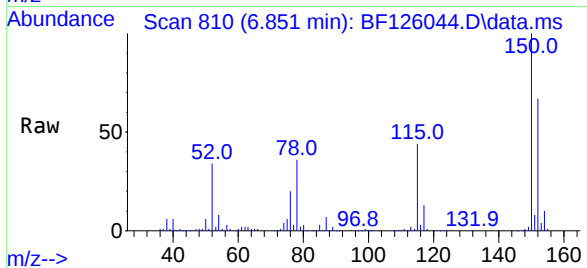
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Tgt Ion:152 Resp: 144878
Ion Ratio Lower Upper
152 100
150 149.5 117.6 176.4
115 65.3 47.1 70.7

Manual Integrations

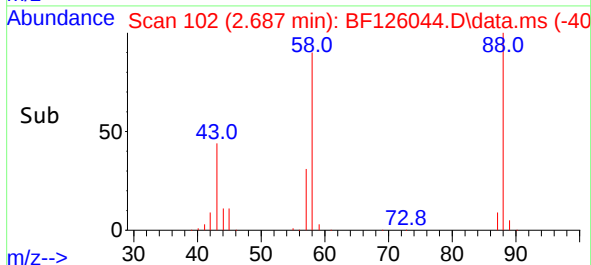
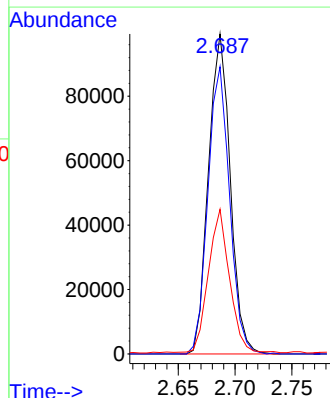
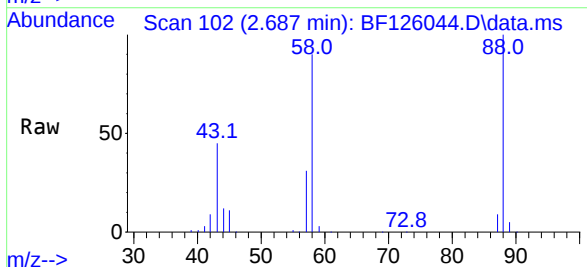
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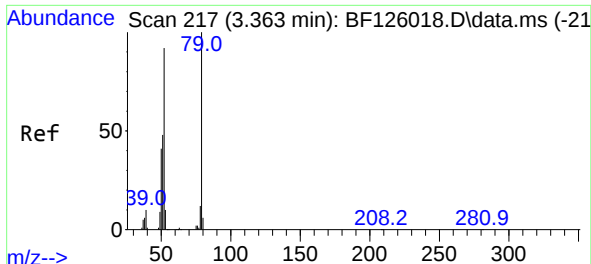
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#2
1,4-Dioxane
Concen: 37.812 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.065 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

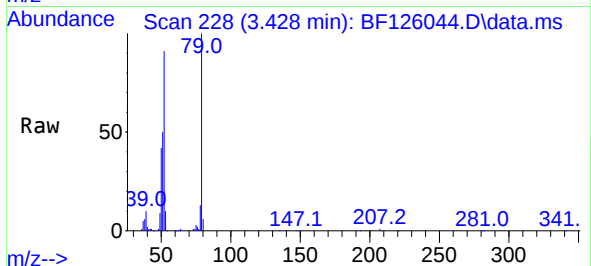
Tgt Ion: 88 Resp: 132644
Ion Ratio Lower Upper
88 100
58 89.5 0.0 0.0#
43 43.4 0.0 0.0#





#3
Pyridine
Concen: 32.678 ng
RT: 3.428 min Scan# 217
Delta R.T. 0.065 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

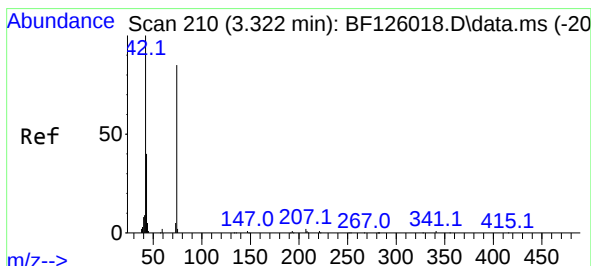
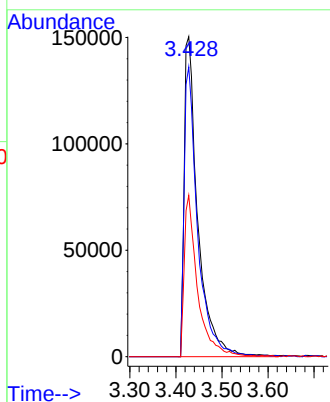
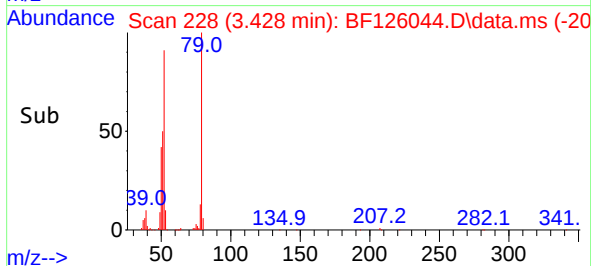
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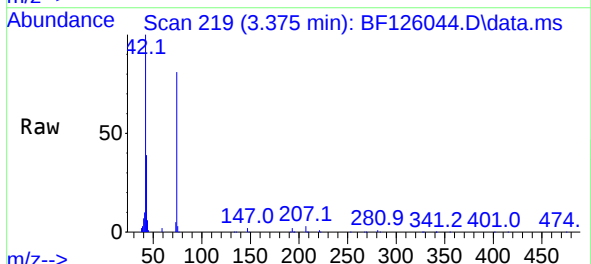
Tgt Ion: 79 Resp: 30846
Ion Ratio Lower Upper
79 100
52 90.6 70.3 105.5
51 50.4 44.1 66.1

Manual Integrations
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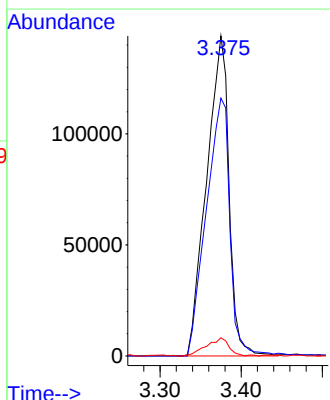
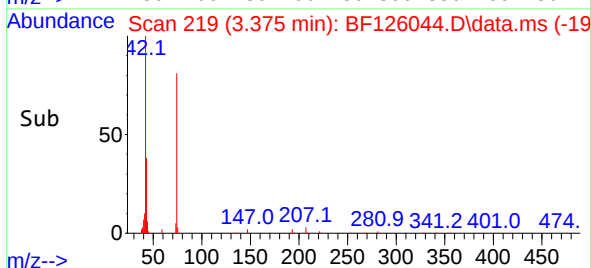
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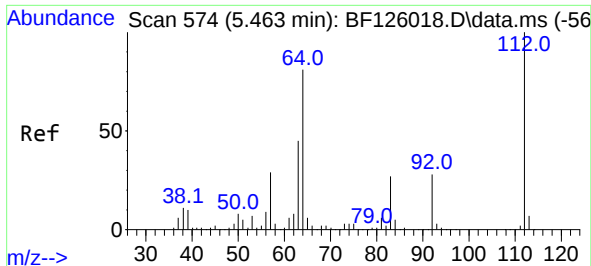


#4
n-Nitrosodimethylamine
Concen: 41.773 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.053 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion: 42 Resp: 276520
Ion Ratio Lower Upper
42 100
74 80.6 59.0 88.6
44 5.7 0.0 0.0





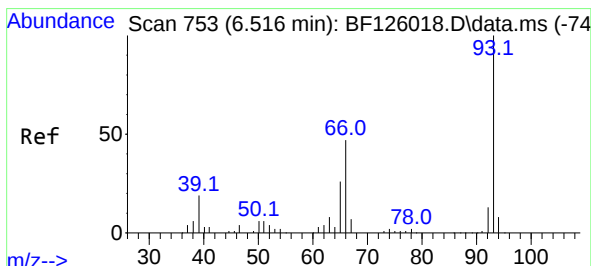
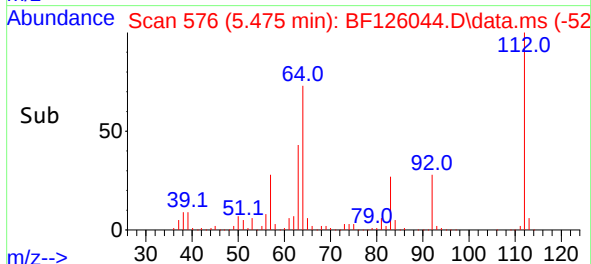
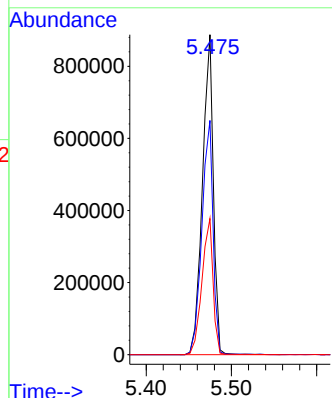
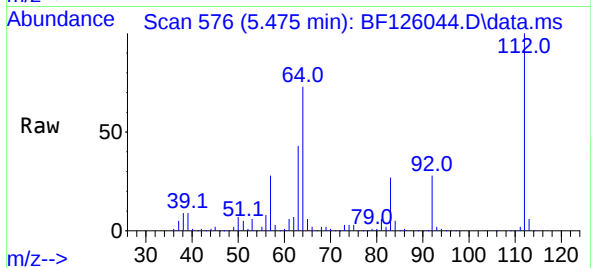
#5
2-Fluorophenol
Concen: 93.451 ng
RT: 5.475 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :
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Tgt Ion:112 Resp: 788398
Ion Ratio Lower Upper
112 100
64 73.2 44.2 66.2
63 42.5 26.2 39.2

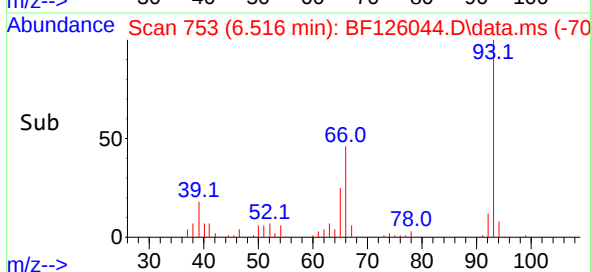
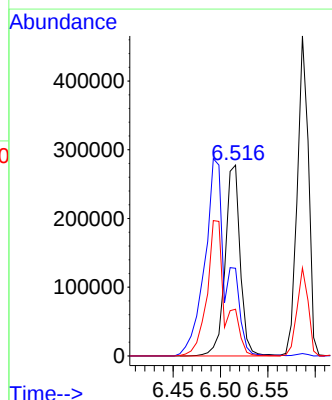
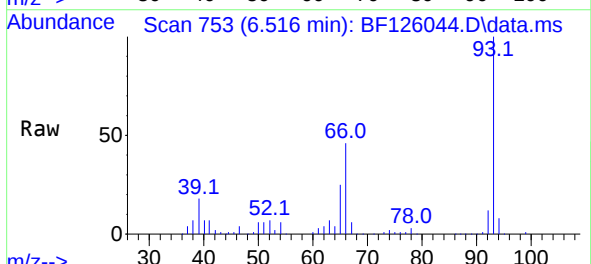
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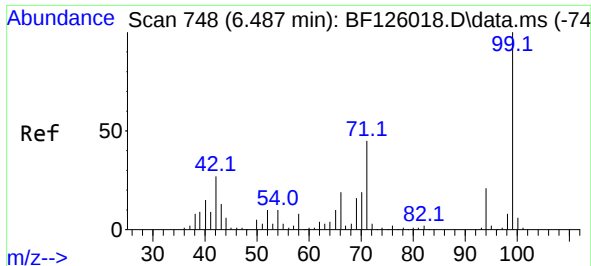
Reviewed By :Jagrut Upadhyay 11/08/2021
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#6
Aniline
Concen: 23.548 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

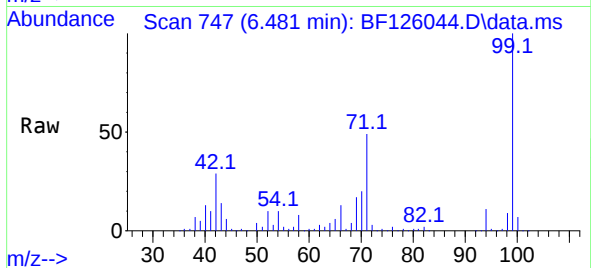
Tgt Ion: 93 Resp: 308798
Ion Ratio Lower Upper
93 100
66 45.9 32.7 49.1
65 24.5 14.2 21.4





#7
Phenol-d6
Concen: 87.771 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

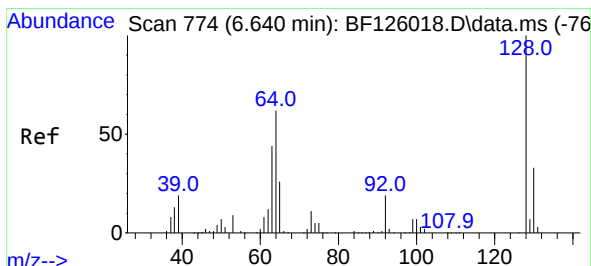
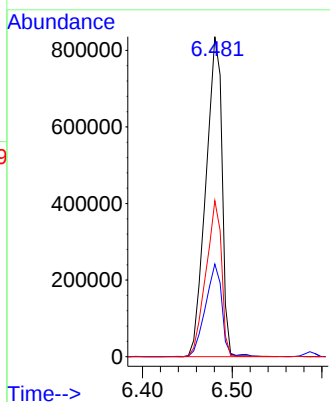
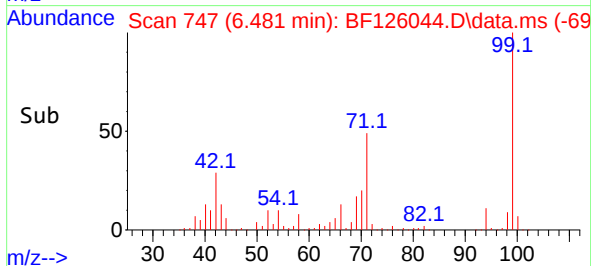
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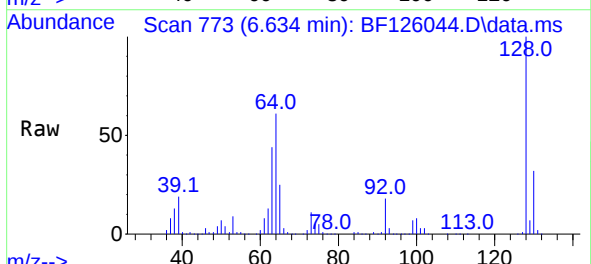
Tgt Ion: 99 Resp: 104383
Ion Ratio Lower Upper
99 100
42 29.0 23.5 35.3
71 48.7 25.6 38.4

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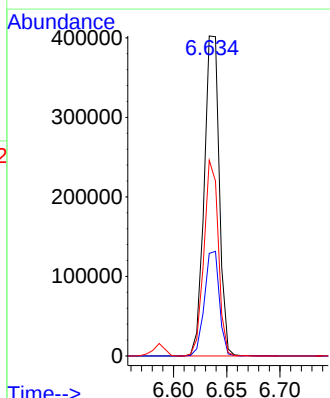
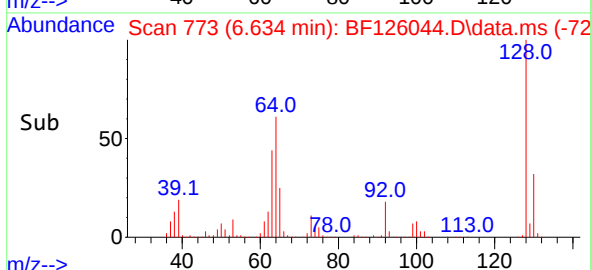
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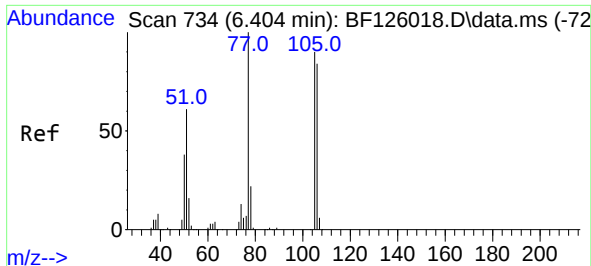


#8
2-Chlorophenol
Concen: 44.127 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



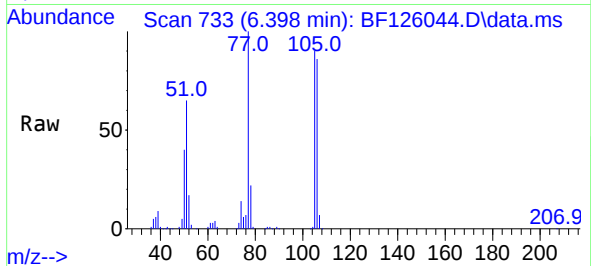
Tgt Ion:128 Resp: 397801
Ion Ratio Lower Upper
128 100
130 32.1 10.5 50.5
64 61.2 20.3 60.3





#9
Benzaldehyde
Concen: 42.620 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

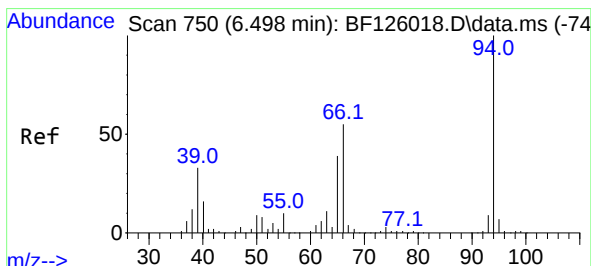
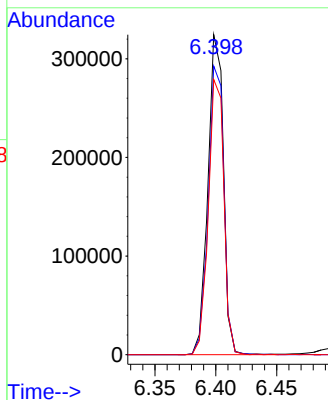
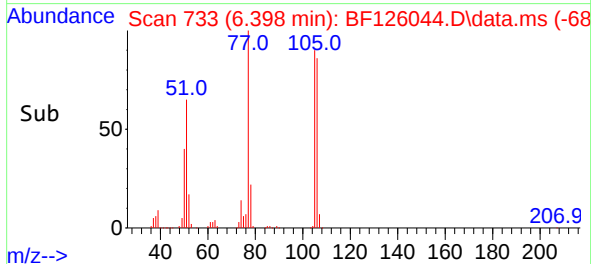
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



Tgt Ion: 77 Resp: 287415
Ion Ratio Lower Upper
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105 90.2 75.9 115.9
106 86.0 84.0 124.0

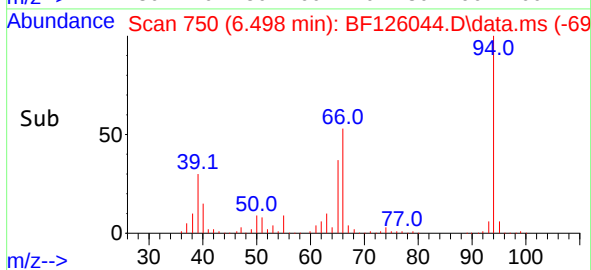
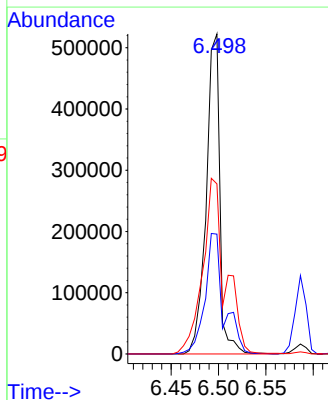
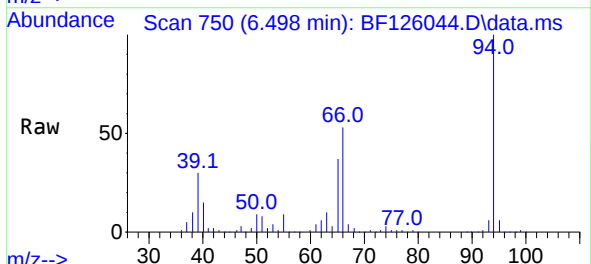
Manual Integrations
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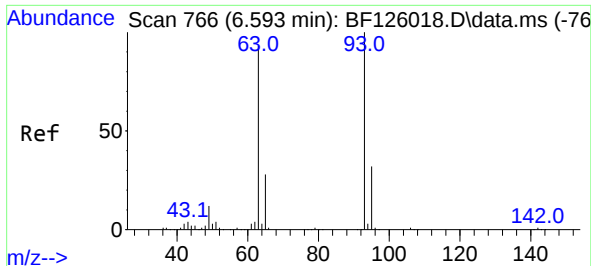
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#10
Phenol
Concen: 42.968 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion: 94 Resp: 522501
Ion Ratio Lower Upper
94 100
65 37.5 9.3 49.3
66 53.1 20.3 60.3





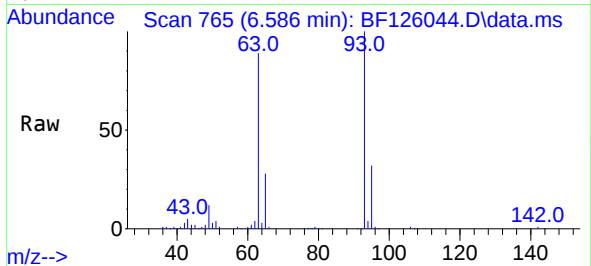
#11
bis(2-Chloroethyl)ether
Concen: 42.849 ng
RT: 6.586 min Scan# 766
Delta R.T. -0.007 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

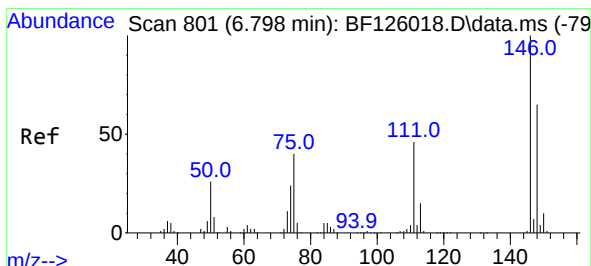
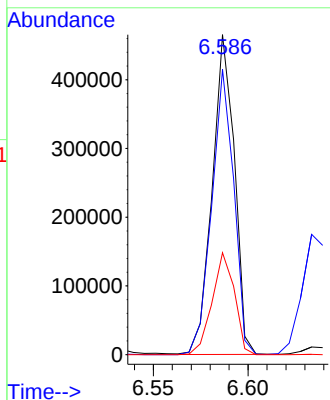
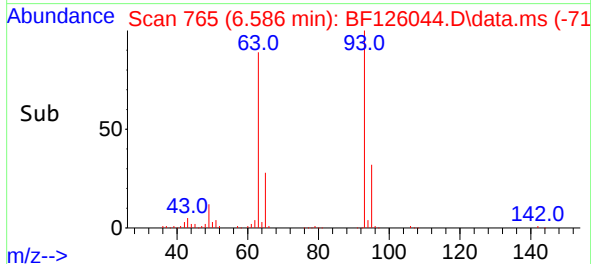
VNJ-224MSD



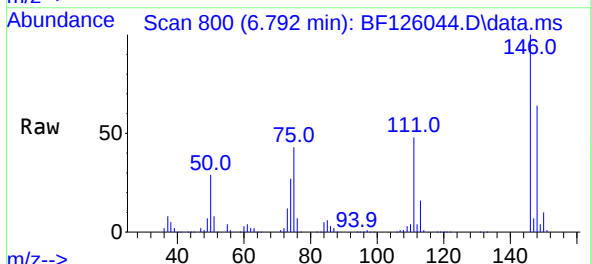
Tgt Ion: 93 Resp: 379520
Ion Ratio Lower Upper
93 100
63 89.2 54.4 94.4
95 31.8 11.4 51.4

Manual Integrations
APPROVED

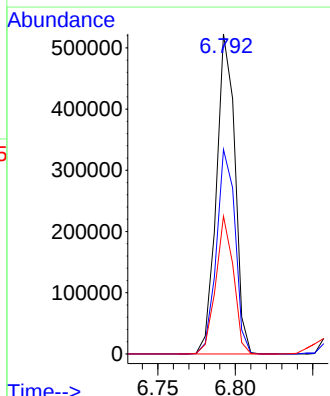
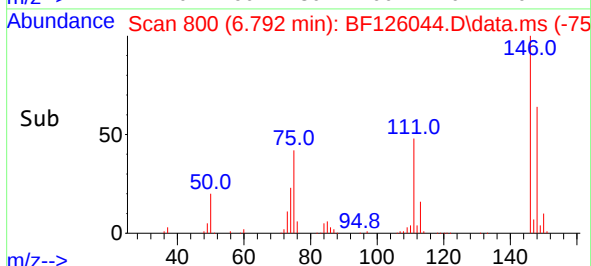
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

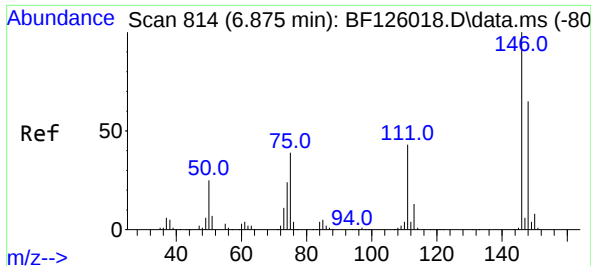


#12
1,3-Dichlorobenzene
Concen: 42.365 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



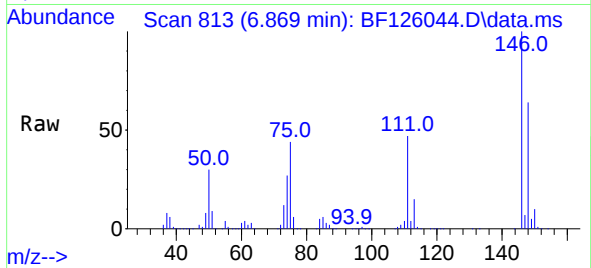
Tgt Ion:146 Resp: 434965
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
75 43.0 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 42.380 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

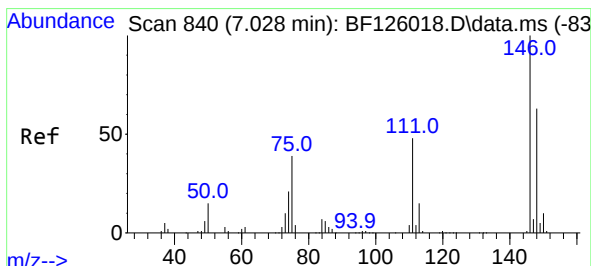
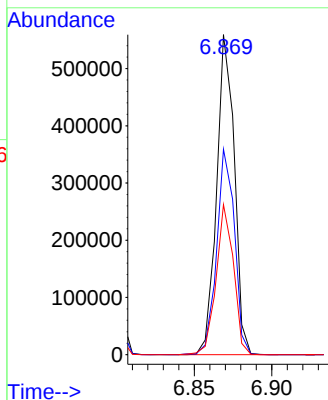
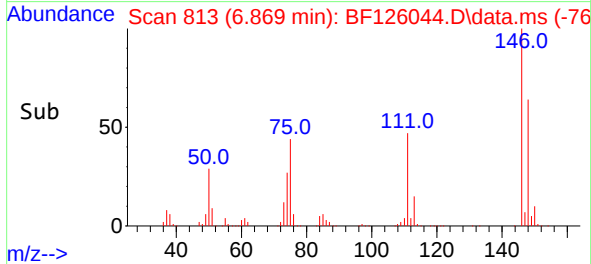
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



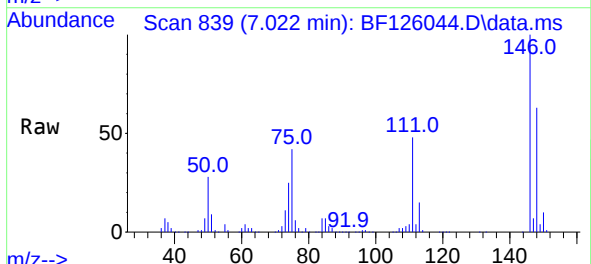
Tgt Ion:146 Resp: 443695
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 46.9 31.8 47.6

Manual Integrations
APPROVED

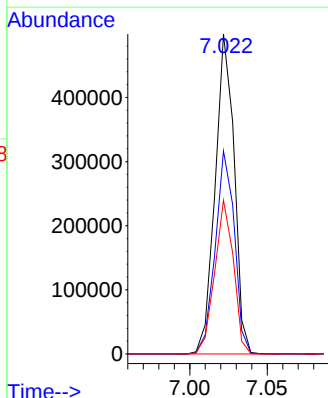
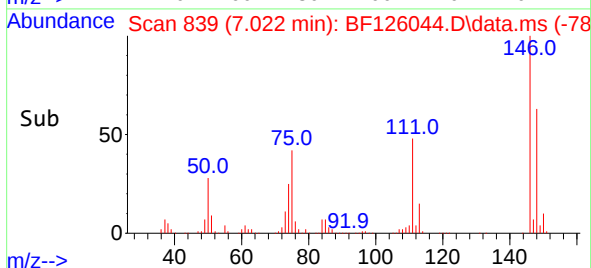
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

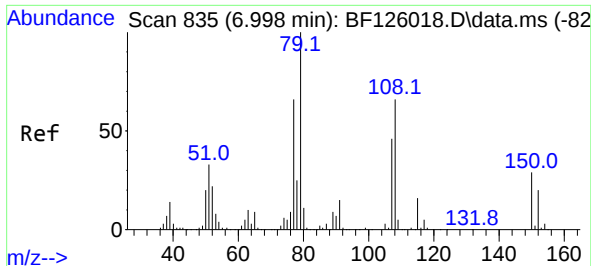


#14
1,2-Dichlorobenzene
Concen: 42.231 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



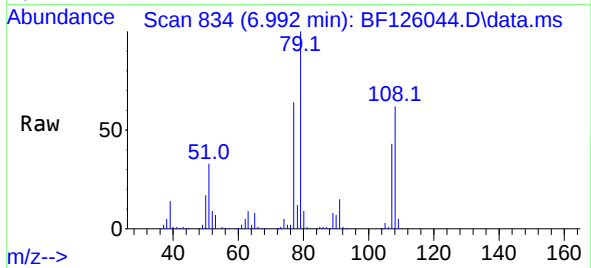
Tgt Ion:146 Resp: 425955
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
111 48.1 33.5 50.3





#15
Benzyl Alcohol
Concen: 42.660 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

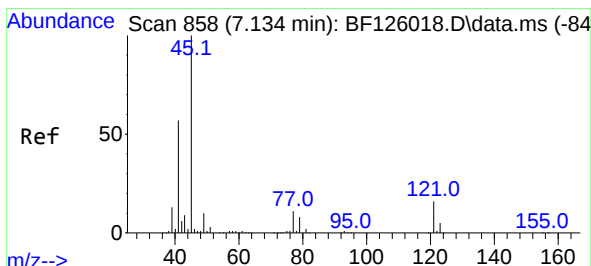
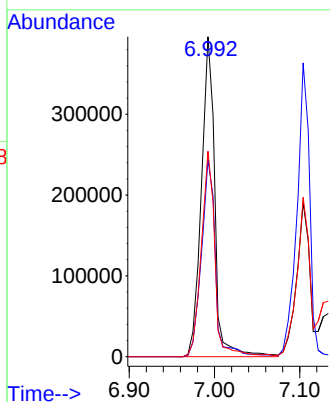
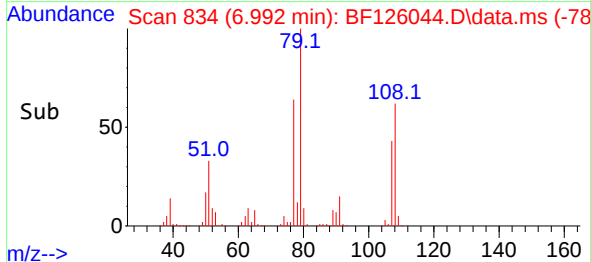
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



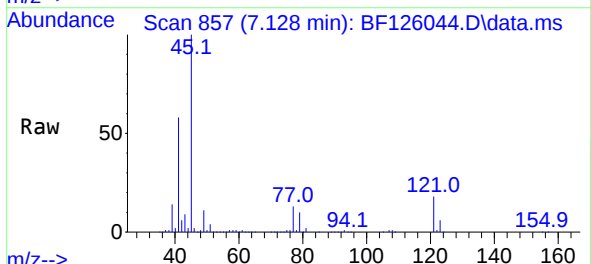
Tgt Ion: 79 Resp: 43328
Ion Ratio Lower Upper
79 100
108 61.6 60.4 90.6
77 64.2 51.5 77.3

Manual Integrations
APPROVED

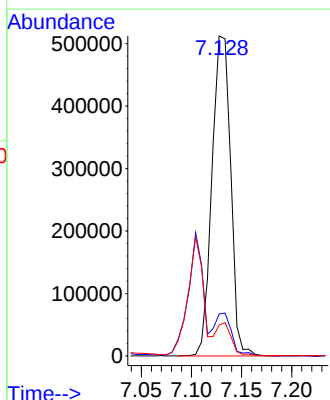
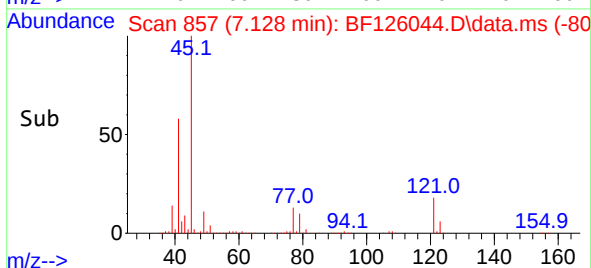
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

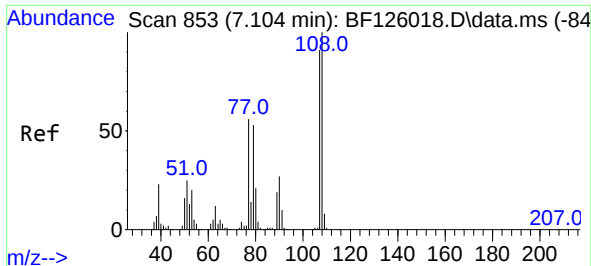


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.747 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion: 45 Resp: 663627
Ion Ratio Lower Upper
45 100
77 13.1 0.0 30.6
79 9.7 0.0 27.5





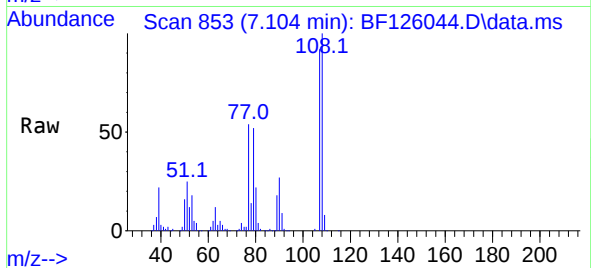
#17
2-Methylphenol
Concen: 43.775 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

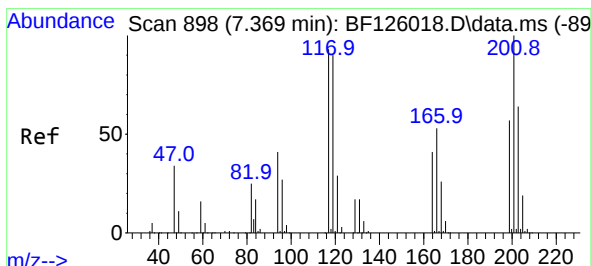
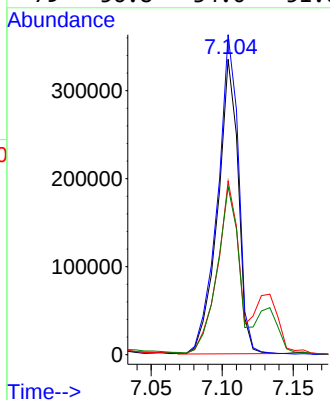
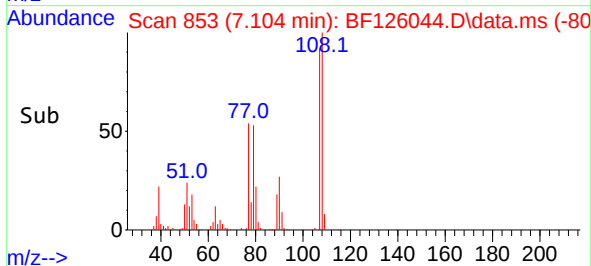


Tgt Ion:107 Resp: 335844
Ion Ratio Lower Upper
107 100
108 108.3 90.6 135.8
77 58.8 35.7 53.5
79 56.8 34.0 51.0#

Manual Integrations

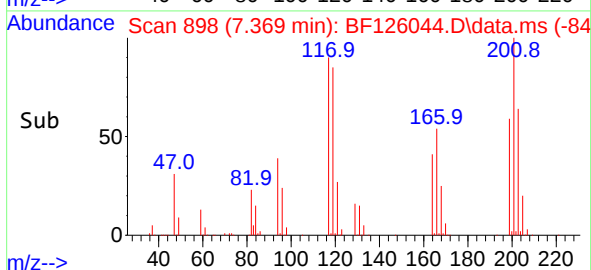
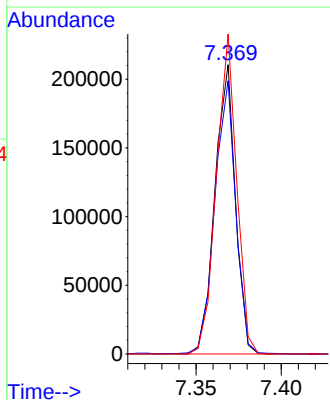
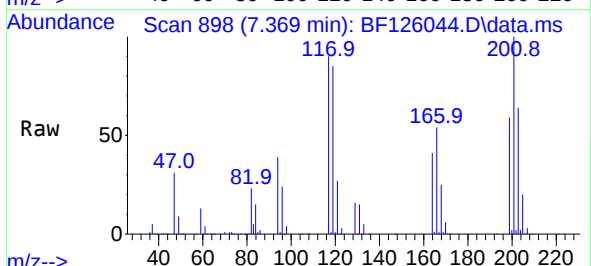
APPROVED

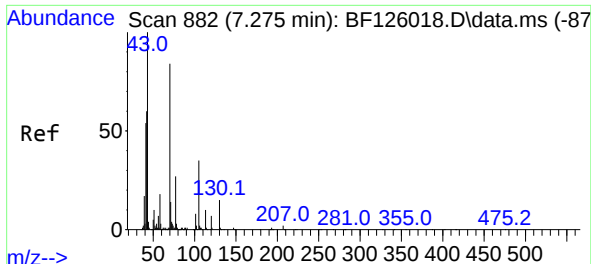
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#18
Hexachloroethane
Concen: 44.676 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

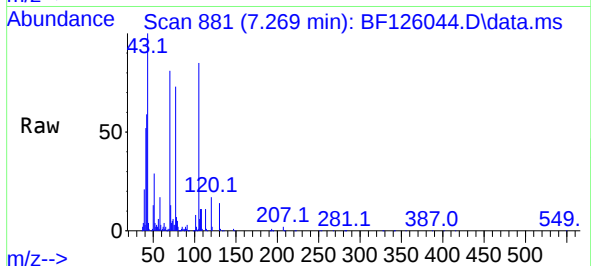
Tgt Ion:117 Resp: 175722
Ion Ratio Lower Upper
117 100
119 94.4 73.4 110.2
201 110.6 64.9 97.3#





#19
n-Nitroso-di-n-propylamine
Concen: 43.806 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

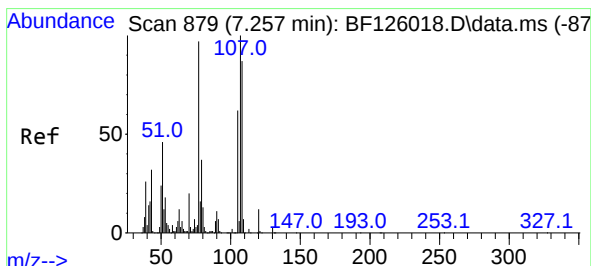
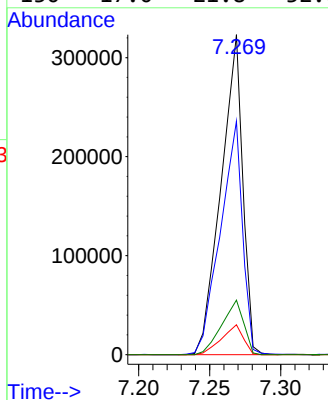
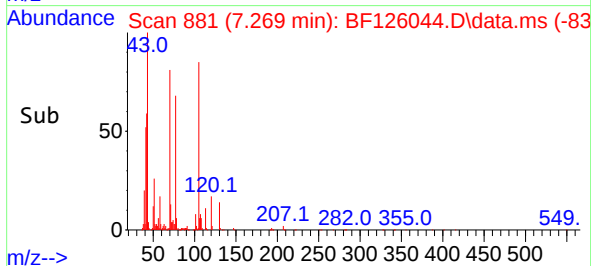
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



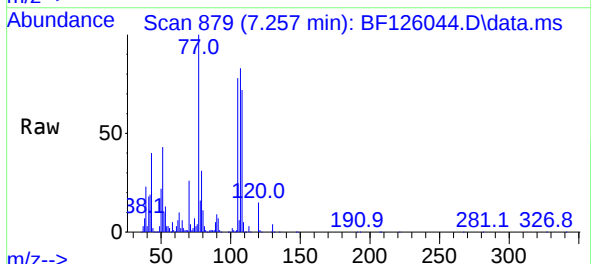
Tgt Ion: 70 Resp: 34344
Ion Ratio Lower Upper
70 100
42 73.0 72.2 108.2
101 9.3 7.8 11.8
130 17.0 21.8 32.6#

Manual Integrations
APPROVED

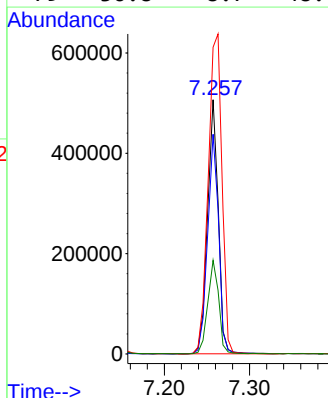
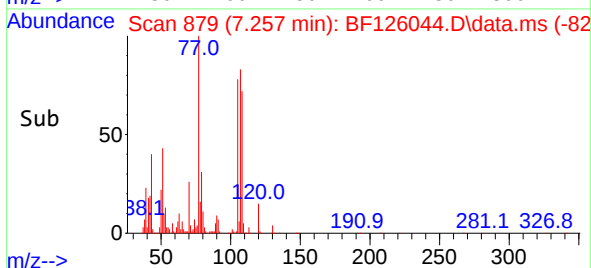
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

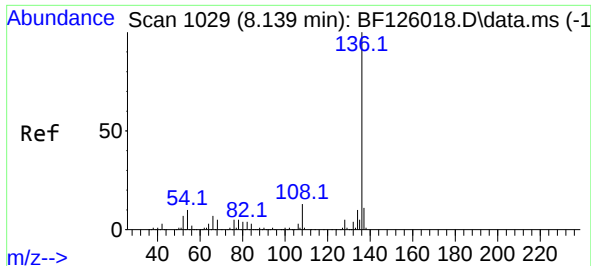


#20
3+4-Methylphenols
Concen: 42.942 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:107 Resp: 445406
Ion Ratio Lower Upper
107 100
108 86.4 76.6 116.6
77 120.6 53.3 93.3#
79 36.8 8.7 48.7





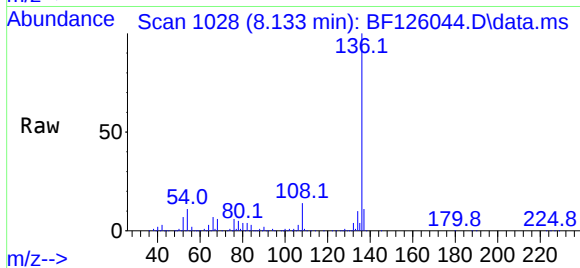
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

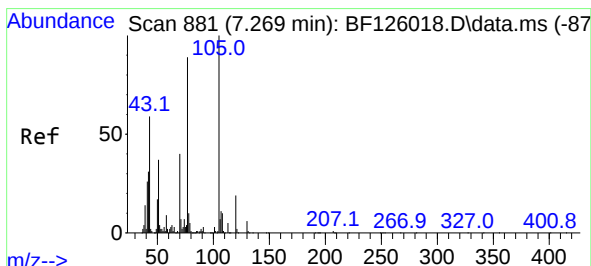
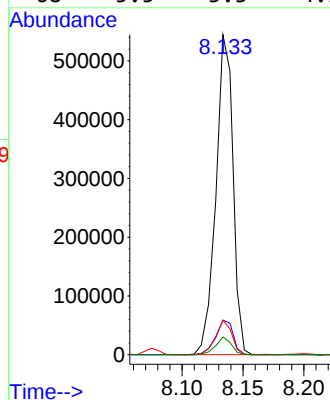
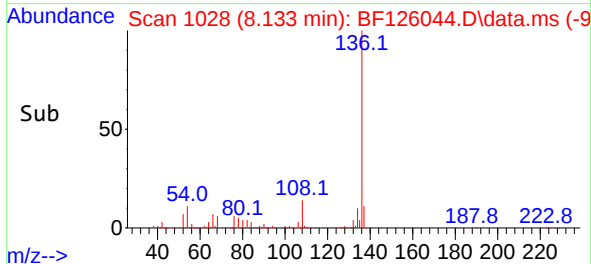


Tgt Ion:136 Resp: 53333
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.8 6.4 9.6
68 5.5 3.3 4.9#

Manual Integrations

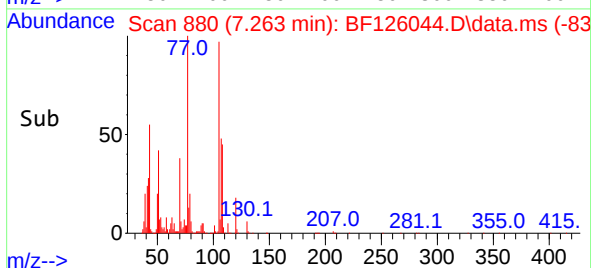
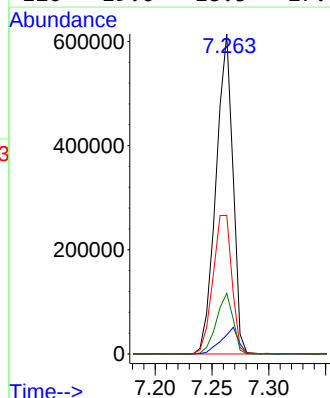
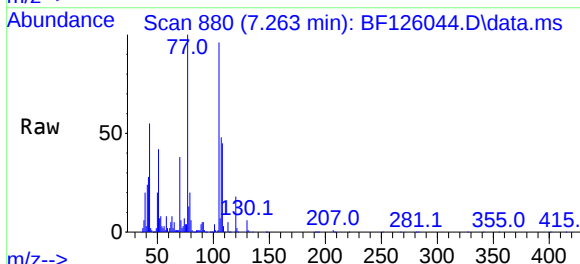
APPROVED

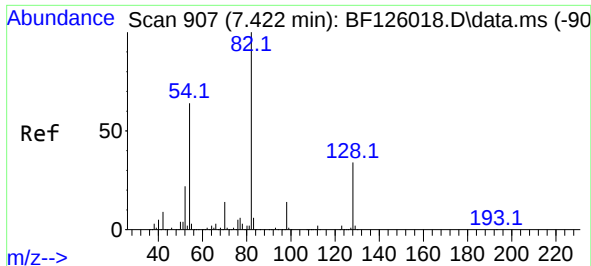
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#22
Acetophenone
Concen: 41.286 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:105 Resp: 635959
Ion Ratio Lower Upper
105 100
71 6.0 5.5 8.3
51 43.3 26.0 39.0#
120 19.0 18.5 27.7





#23
Nitrobenzene-d5
Concen: 67.321 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

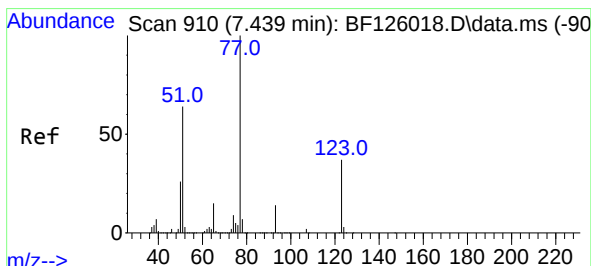
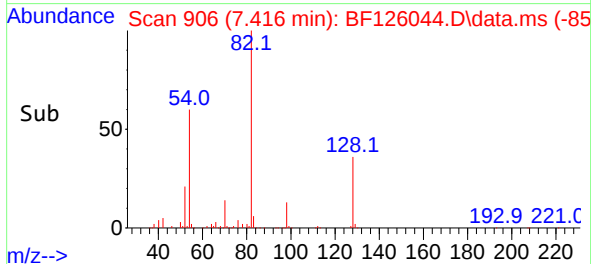
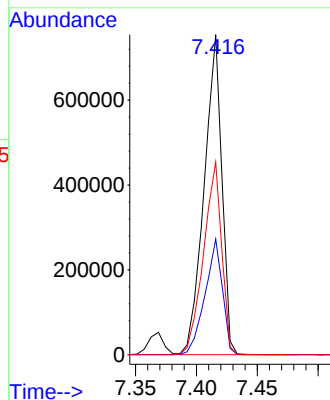
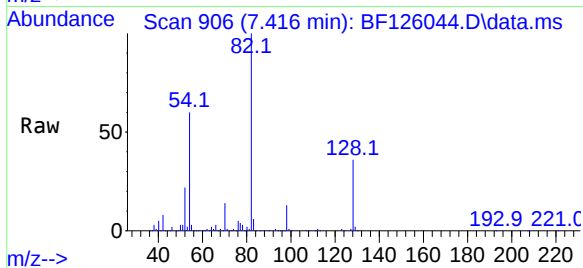
ClientSampleId :

VNJ-224MSD

Tgt Ion: 82 Resp: 761327
Ion Ratio Lower Upper
82 100
128 36.1 40.6 60.8
54 60.2 49.6 74.4

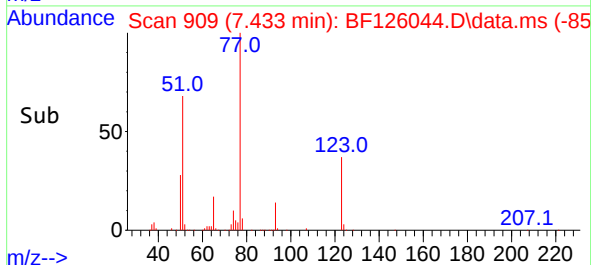
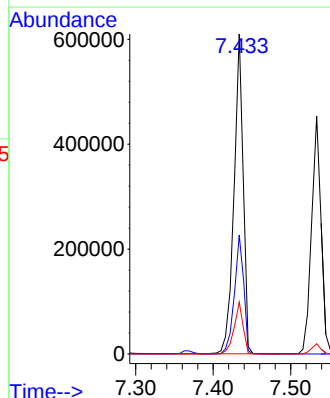
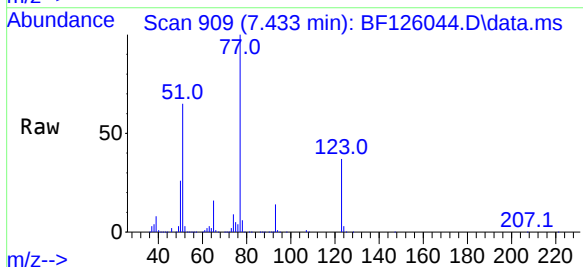
Manual Integrations
APPROVED

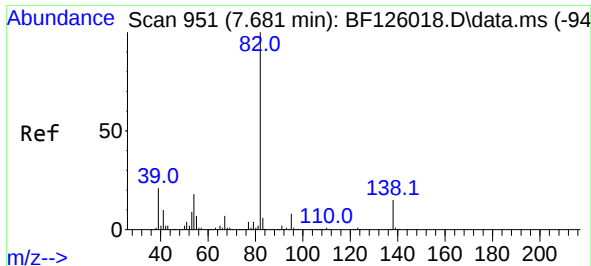
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#24
Nitrobenzene
Concen: 45.166 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion: 77 Resp: 505899
Ion Ratio Lower Upper
77 100
123 37.2 42.3 63.5
65 16.2 12.4 18.6





#25
Isophorone
Concen: 41.965 ng
RT: 7.675 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

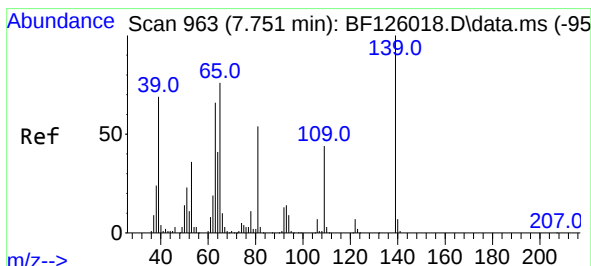
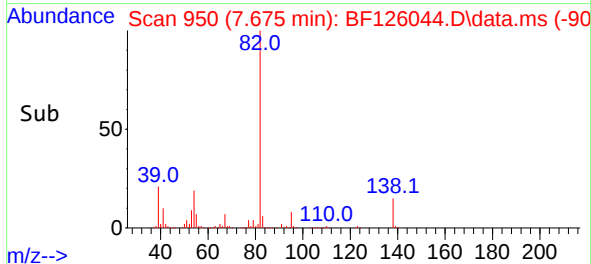
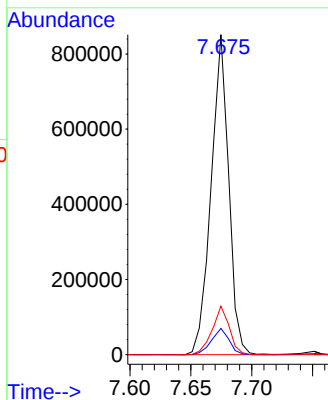
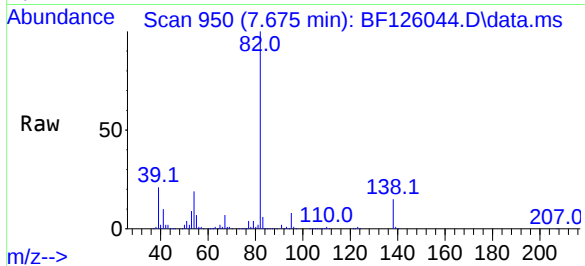
VNJ-224MSD

Tgt Ion: 82 Resp: 85445
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 15.2 18.4 27.6

Manual Integrations

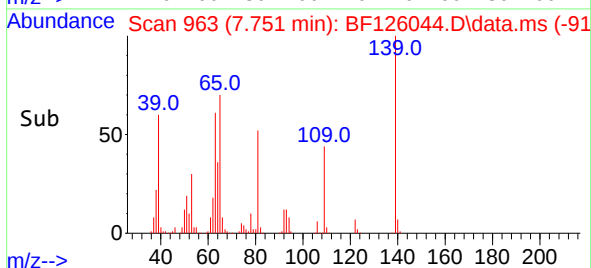
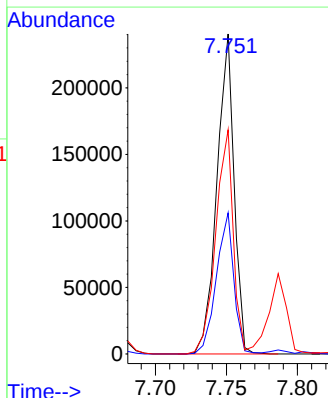
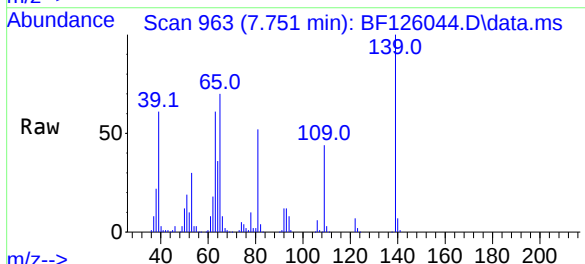
APPROVED

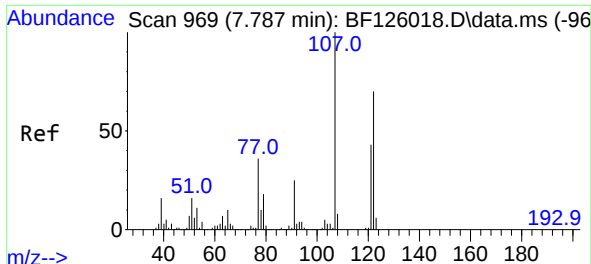
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#26
2-Nitrophenol
Concen: 50.659 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:139 Resp: 201868
Ion Ratio Lower Upper
139 100
109 44.1 26.0 39.0#
65 70.0 31.0 46.4#





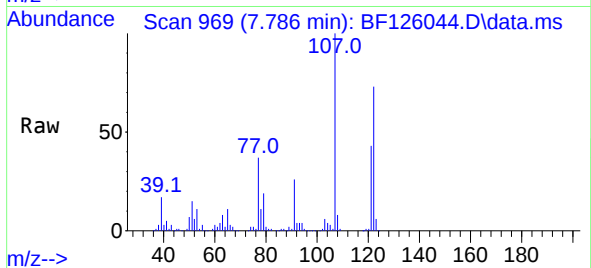
#27
2,4-Dimethylphenol
Concen: 47.157 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

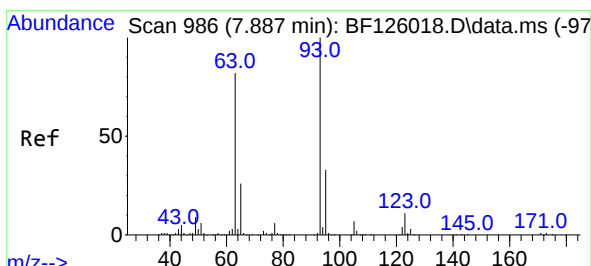
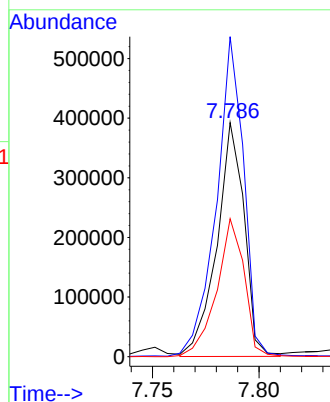
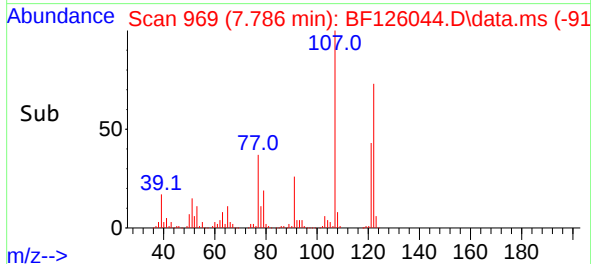


Tgt Ion:122 Resp: 350072
Ion Ratio Lower Upper
122 100
107 136.7 85.0 127.6
121 58.9 43.3 64.9

Manual Integrations

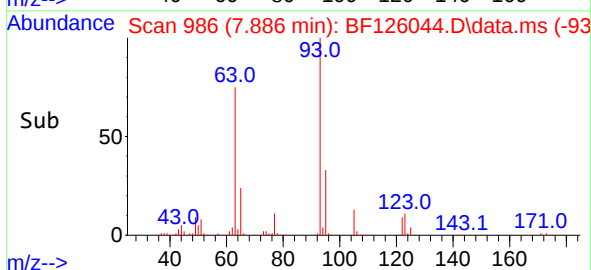
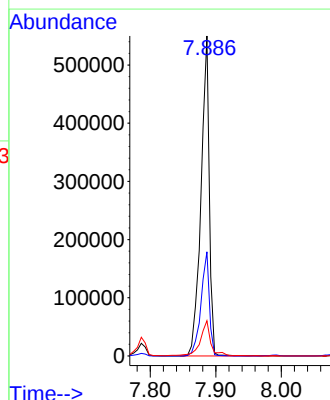
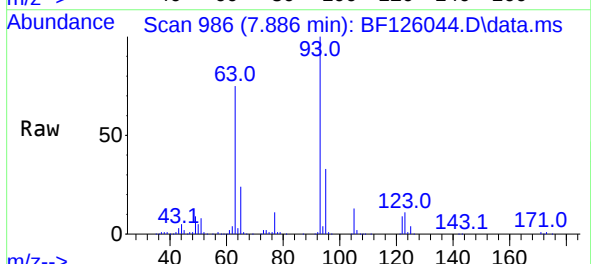
APPROVED

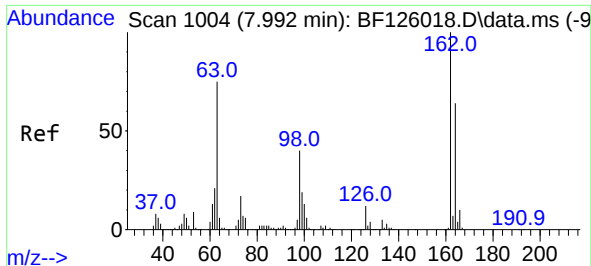
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#28
bis(2-Chloroethoxy)methane
Concen: 40.525 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion: 93 Resp: 486568
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.0 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 43.237 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:162 Resp: 362300

Ion Ratio Lower Upper

162 100

164 63.4 44.5 84.5

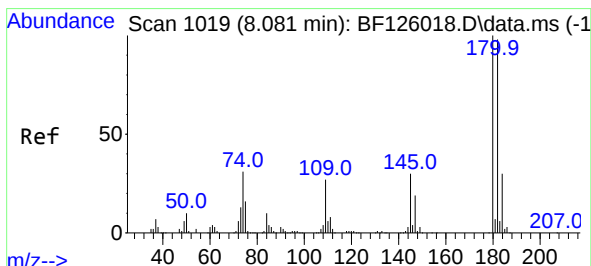
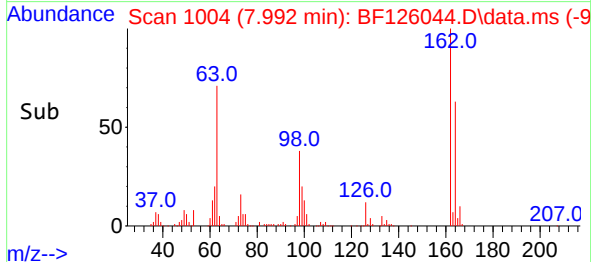
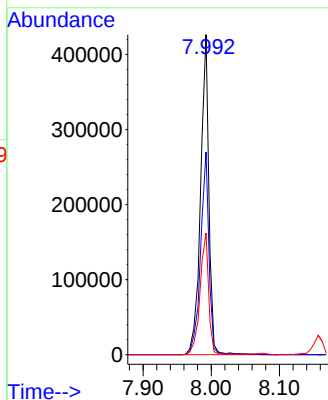
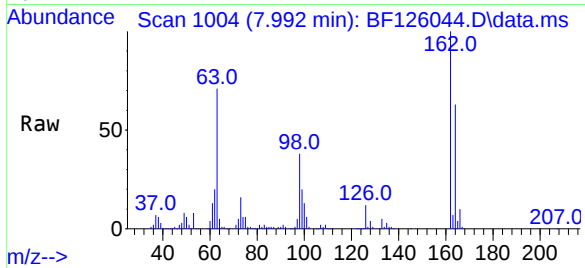
98 38.1 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021

Supervised By :mohammad ahmed 11/08/2021



#30

1,2,4-Trichlorobenzene

Concen: 41.189 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

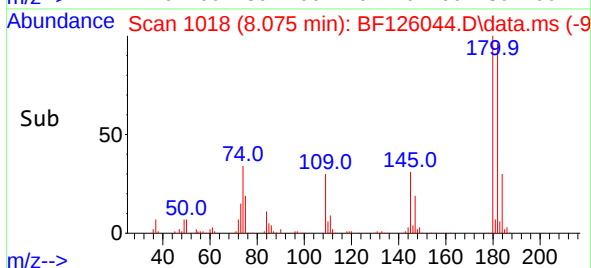
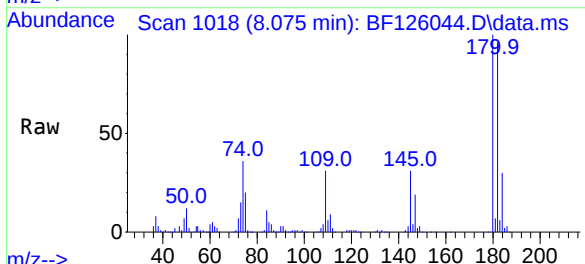
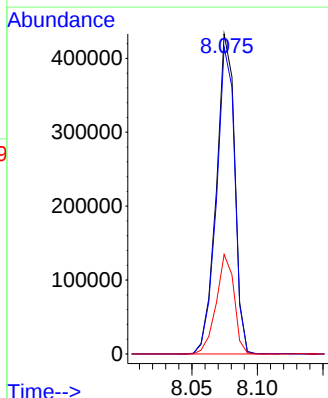
Tgt Ion:180 Resp: 420833

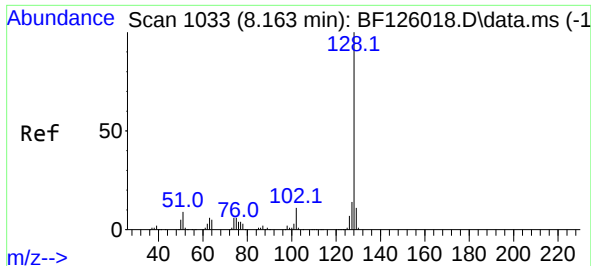
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 31.1 26.7 40.1





#31
Naphthalene
Concen: 42.240 ng
RT: 8.157 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

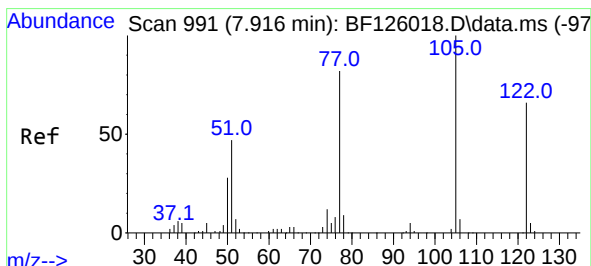
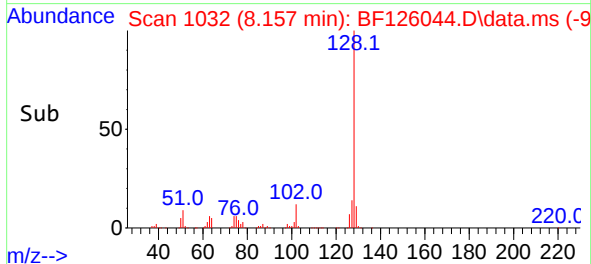
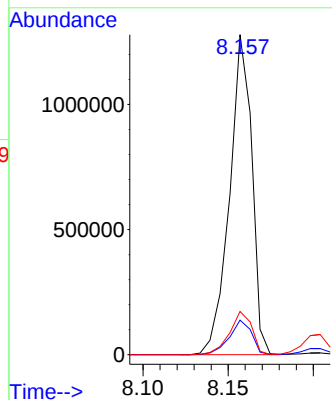
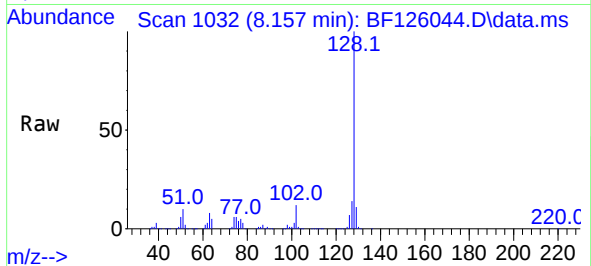
VNJ-224MSD

Tgt Ion:128 Resp: 116685
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 13.5 10.9 16.3

Manual Integrations

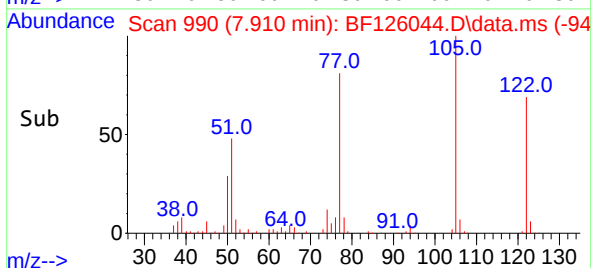
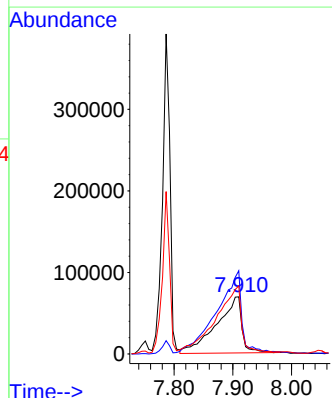
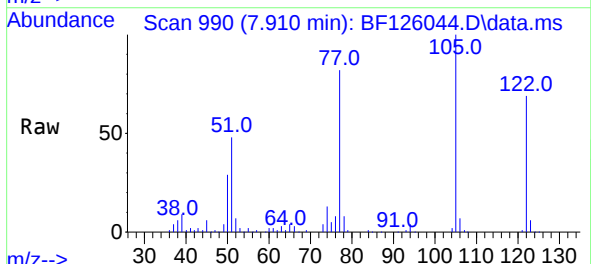
APPROVED

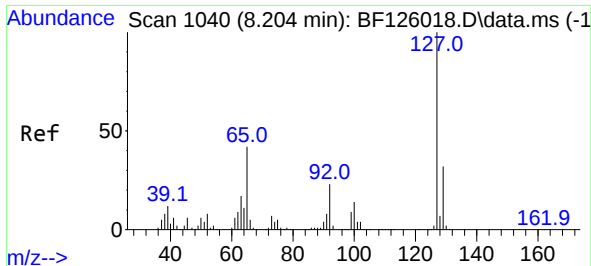
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#32
Benzoic acid
Concen: 45.833 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:122 Resp: 208709
Ion Ratio Lower Upper
122 100
105 145.8 97.6 137.6#
77 119.1 59.6 99.6#





#33
4-Chloroaniline
Concen: 8.298 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

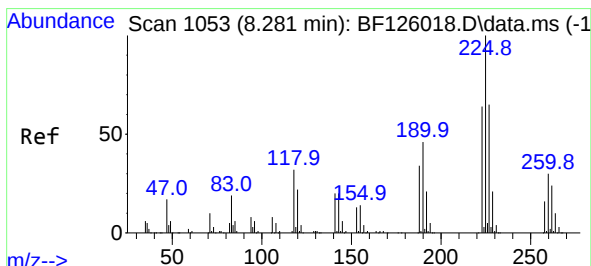
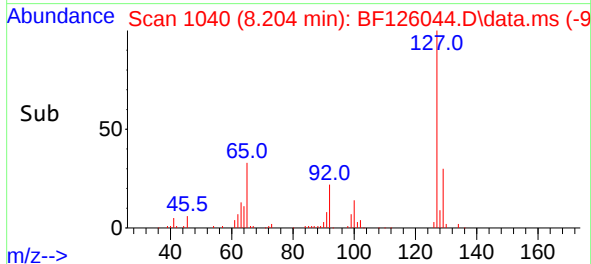
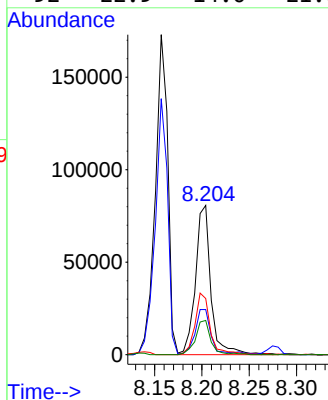
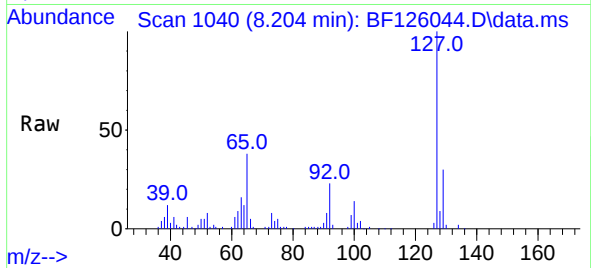
VNJ-224MSD

Tgt Ion:127 Resp: 91610
Ion Ratio Lower Upper
127 100
129 30.3 25.7 38.5
65 37.6 21.2 31.8
92 22.9 14.0 21.0#

Manual Integrations

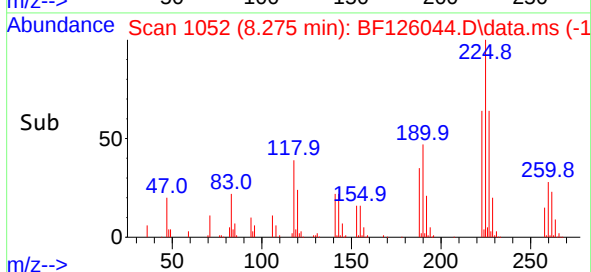
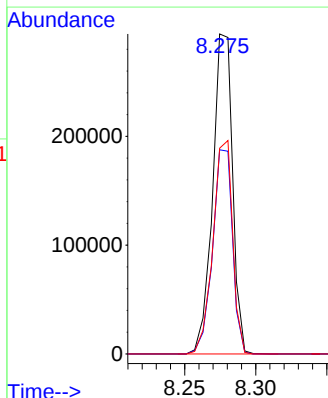
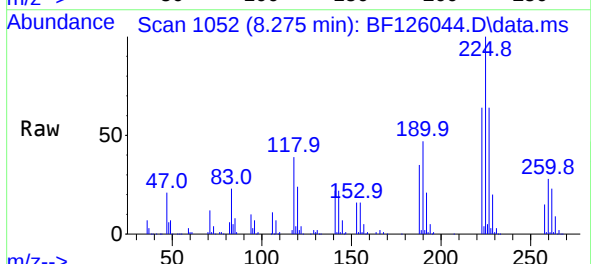
APPROVED

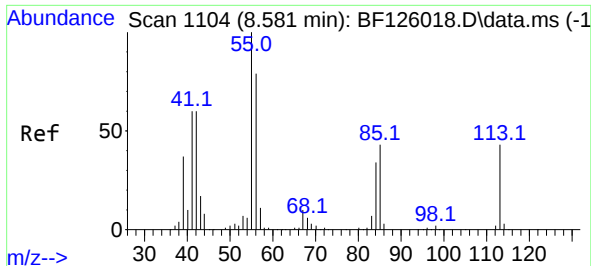
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#34
Hexachlorobutadiene
Concen: 40.690 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

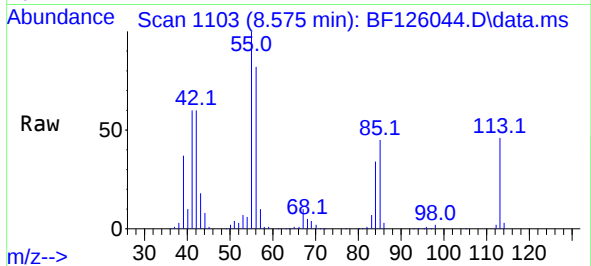
Tgt Ion:225 Resp: 286182
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 64.3 50.6 75.8





#35
Caprolactam
Concen: 41.928 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

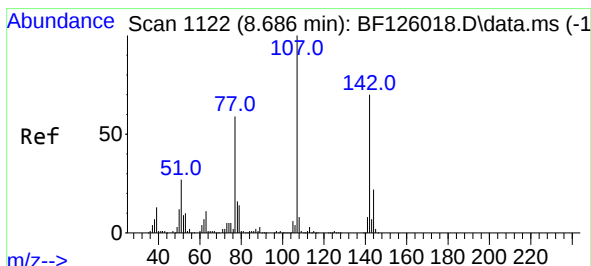
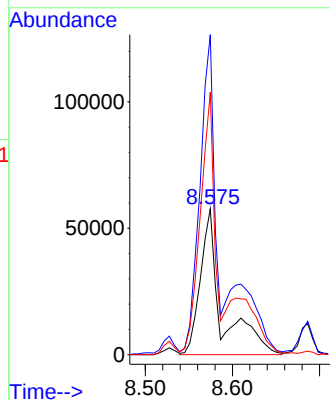
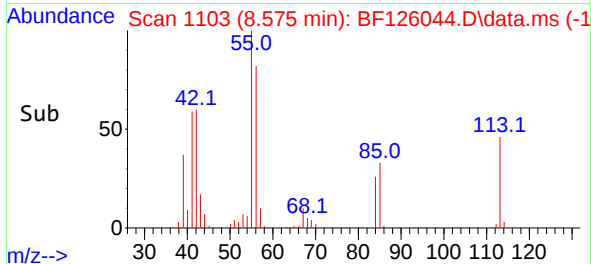
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



Tgt Ion:113 Resp: 9783
Ion Ratio Lower Upper
113 100
55 219.4 154.1 194.1
56 179.9 108.7 148.7

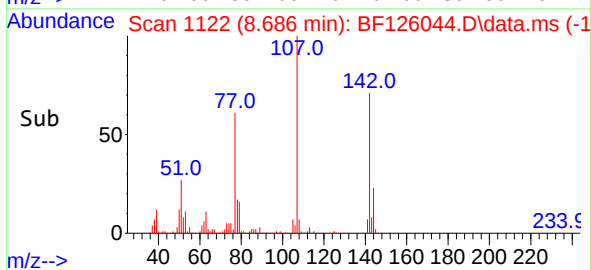
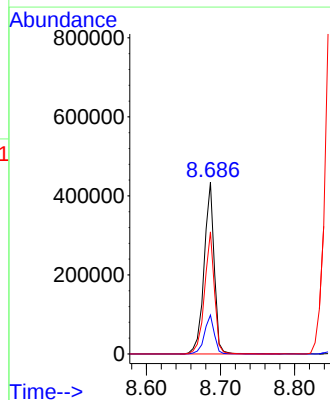
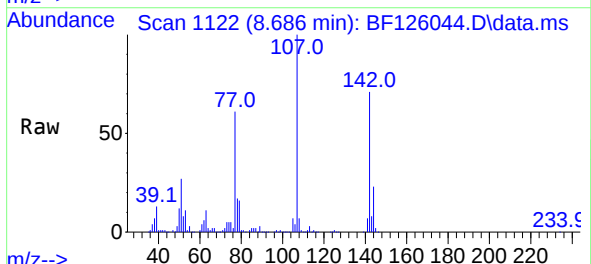
Manual Integrations
APPROVED

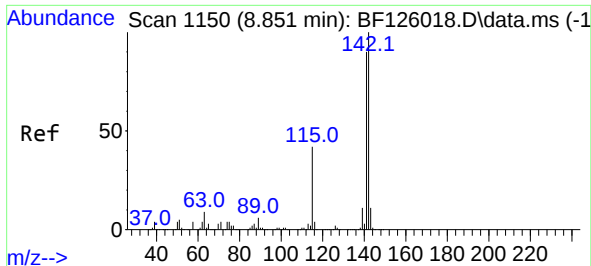
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#36
4-Chloro-3-methylphenol
Concen: 42.979 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:107 Resp: 415299
Ion Ratio Lower Upper
107 100
144 22.7 21.9 32.9
142 71.2 67.1 100.7





#37
2-Methylnaphthalene
Concen: 44.367 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

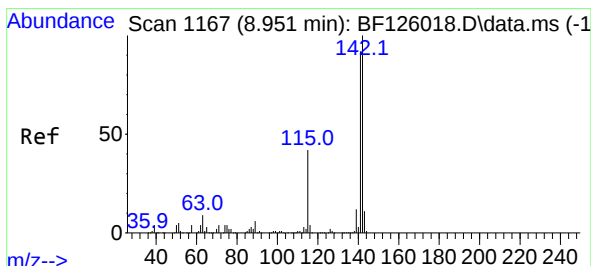
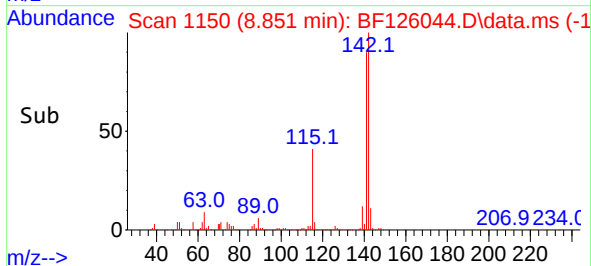
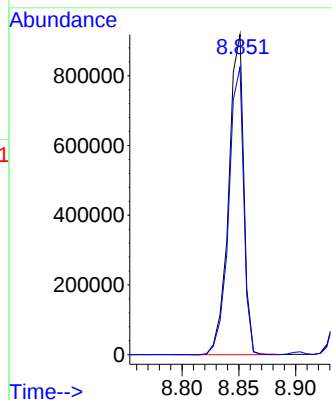
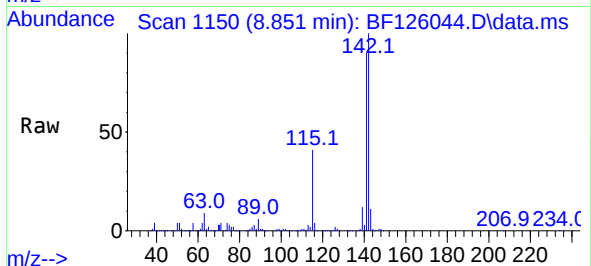
VNJ-224MSD

Tgt Ion:142 Resp: 84648
Ion Ratio Lower Upper
142 100
141 89.9 71.2 106.8

Manual Integrations

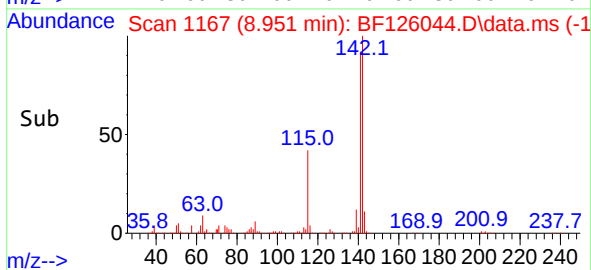
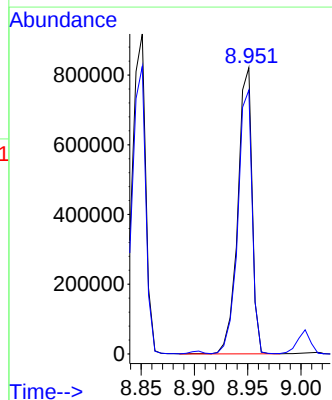
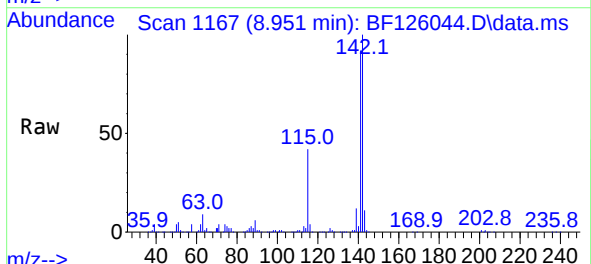
APPROVED

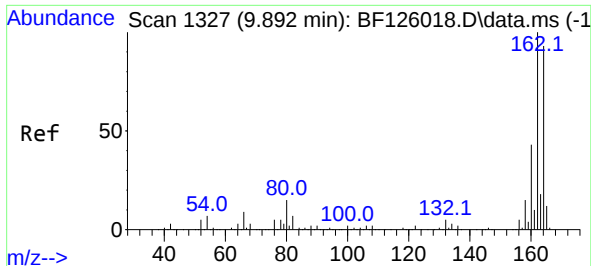
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#38
1-Methylnaphthalene
Concen: 41.564 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:142 Resp: 768135
Ion Ratio Lower Upper
142 100
141 92.2 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF126044.D

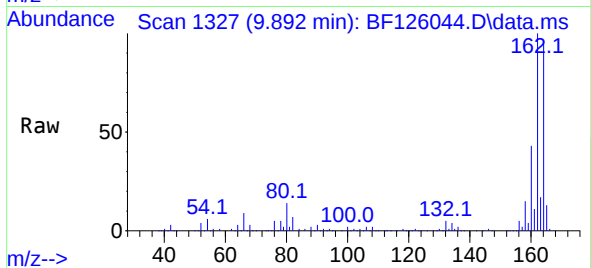
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD



Tgt Ion:164 Resp: 31806

Ion Ratio Lower Upper

164 100

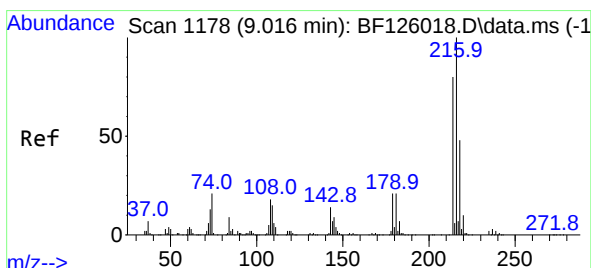
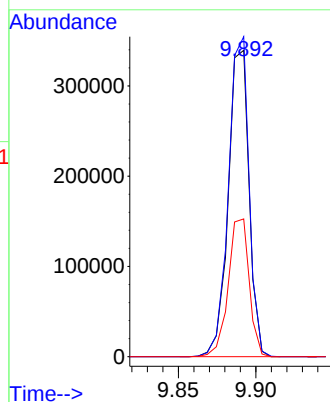
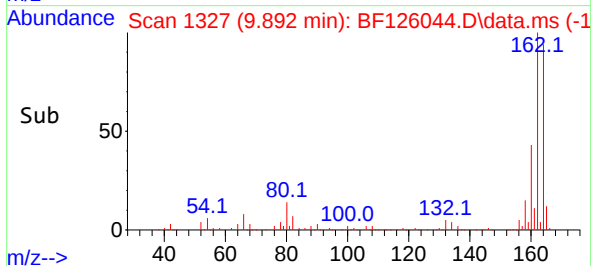
162 104.4 81.3 121.9

160 44.9 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.009 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:216 Resp: 447775

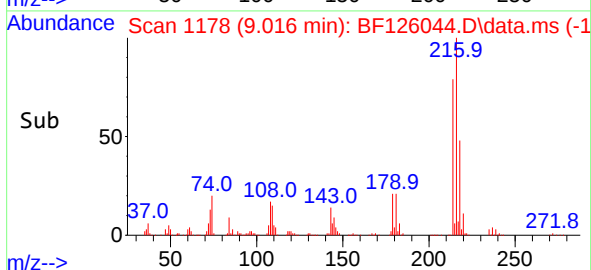
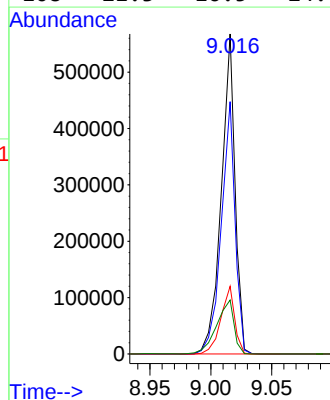
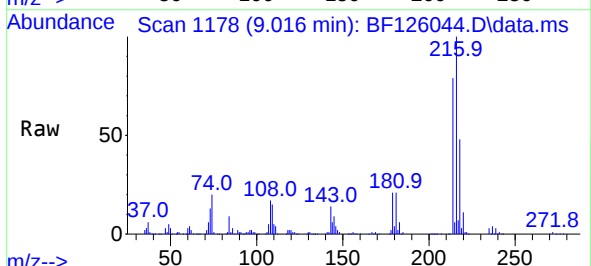
Ion Ratio Lower Upper

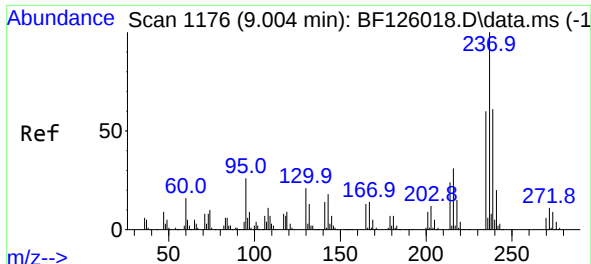
216 100

214 79.2 64.9 97.3

179 21.2 17.4 26.2

108 21.3 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 85.980 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

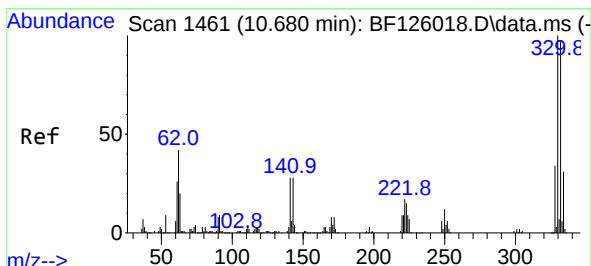
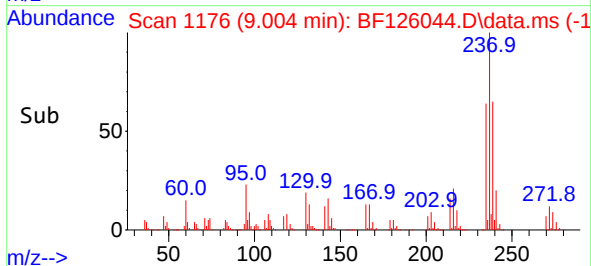
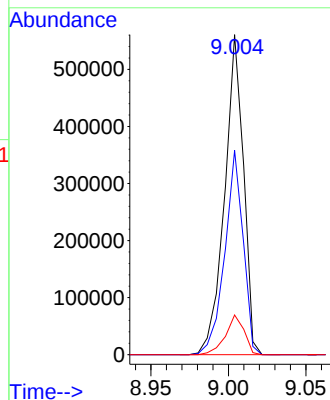
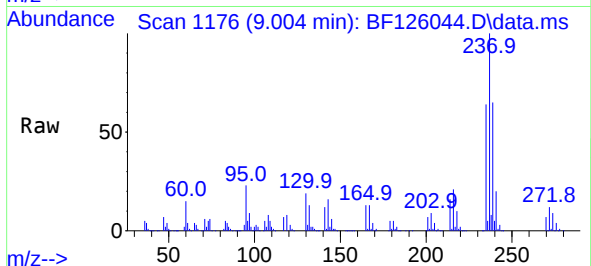
VNJ-224MSD

Tgt Ion:237 Resp: 476180
Ion Ratio Lower Upper
237 100
235 63.8 44.7 84.7
272 12.4 0.0 31.6

Manual Integrations

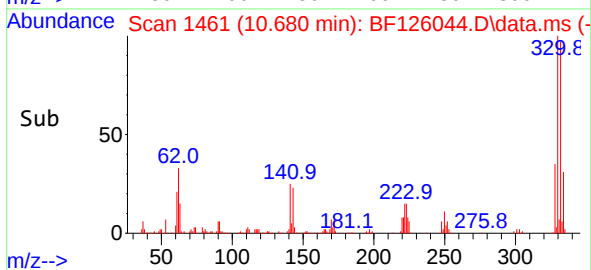
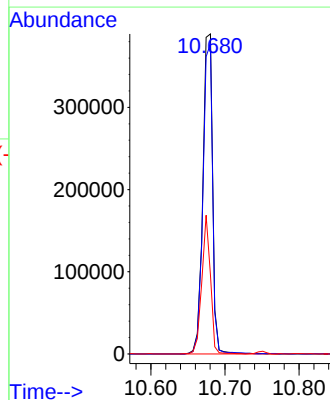
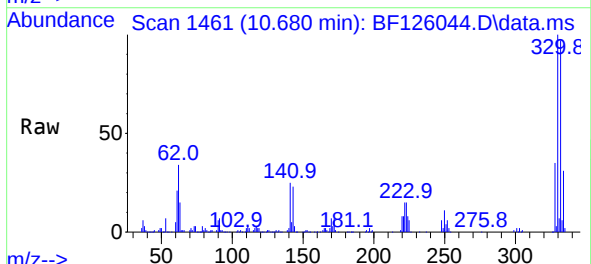
APPROVED

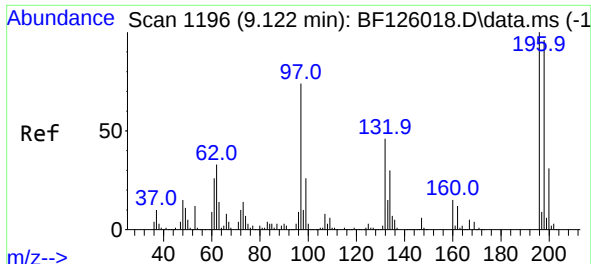
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#42
2,4,6-Tribromophenol
Concen: 97.775 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

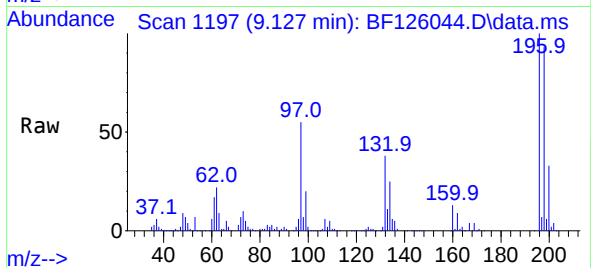
Tgt Ion:330 Resp: 356388
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 38.3 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 44.341 ng
RT: 9.127 min Scan# 1196
Delta R.T. 0.005 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

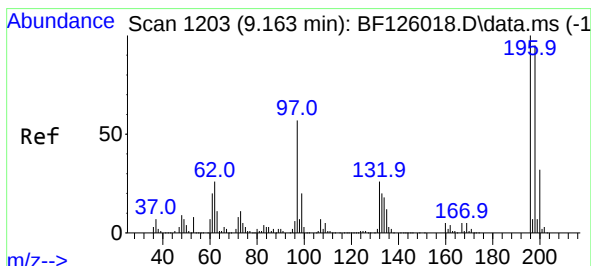
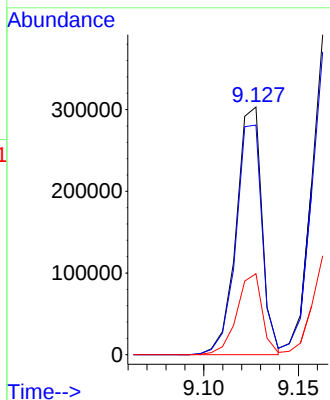
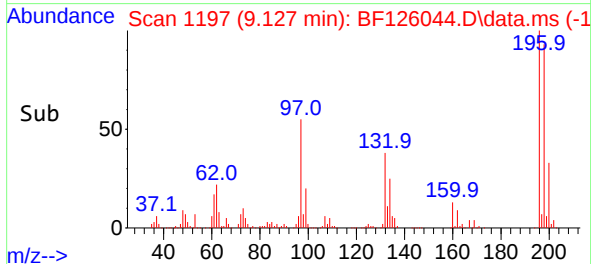
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



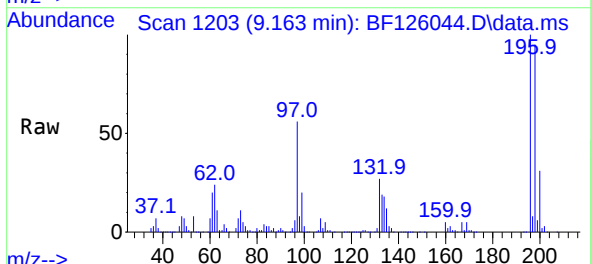
Tgt Ion:196 Resp: 28620
Ion Ratio Lower Upper
196 100
198 92.7 74.9 112.3
200 32.7 27.0 40.4

Manual Integrations
APPROVED

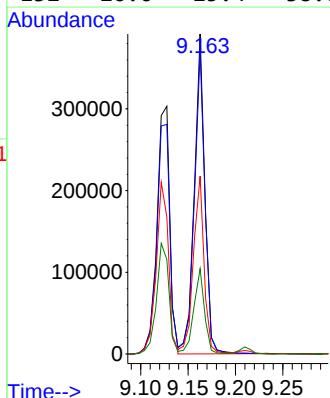
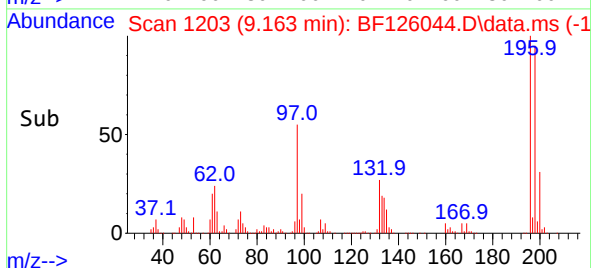
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

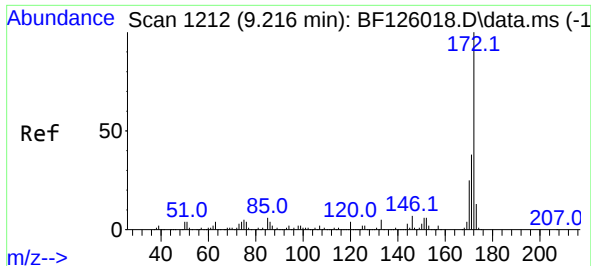


#44
2,4,5-Trichlorophenol
Concen: 43.702 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:196 Resp: 304737
Ion Ratio Lower Upper
196 100
198 94.6 80.2 120.2
97 55.6 44.0 66.0
132 26.6 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 62.616 ng
RT: 9.210 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

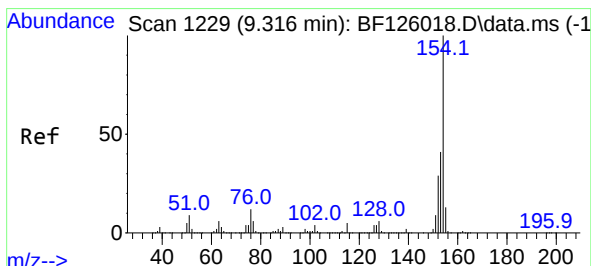
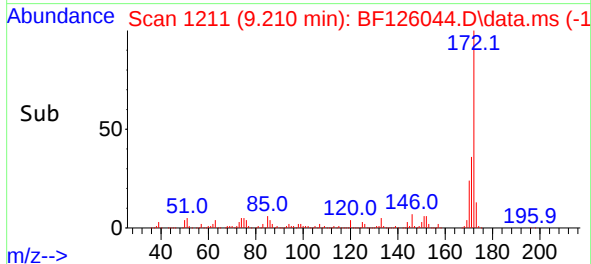
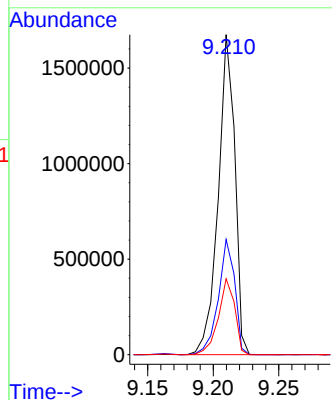
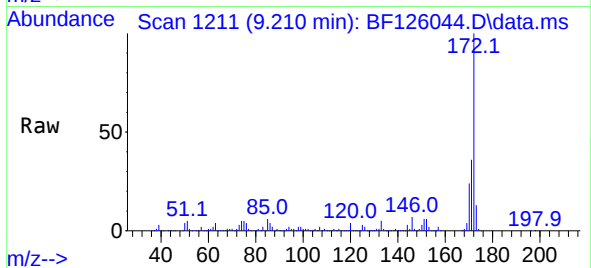
VNJ-224MSD

Tgt Ion:172 Resp: 147374
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.7 18.8 28.2

Manual Integrations

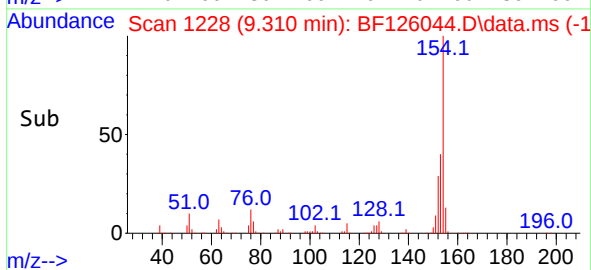
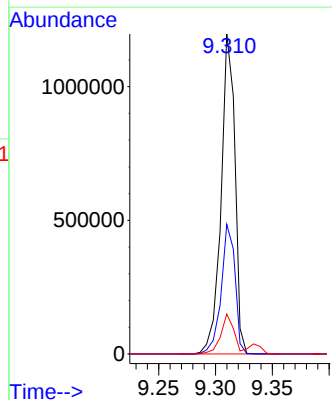
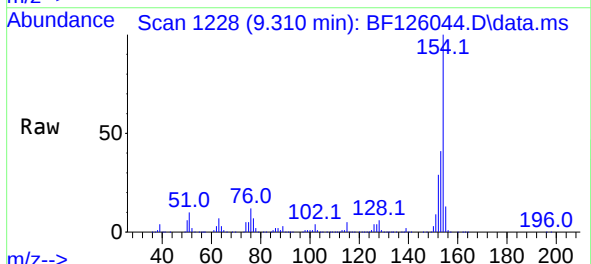
APPROVED

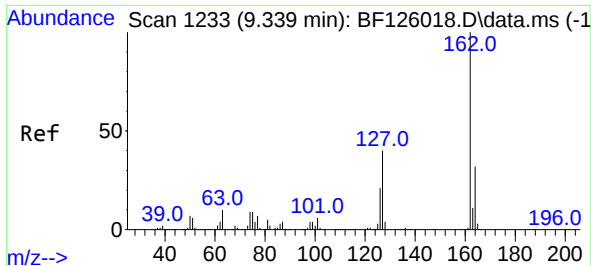
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#46
1,1'-Biphenyl
Concen: 41.448 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:154 Resp: 1018970
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 12.5 0.0 30.3





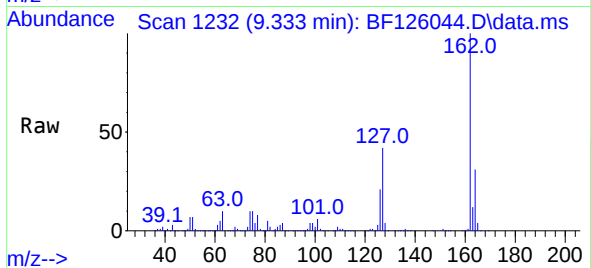
#47
2-Chloronaphthalene
Concen: 42.314 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

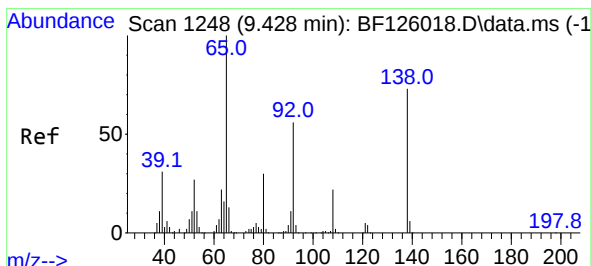
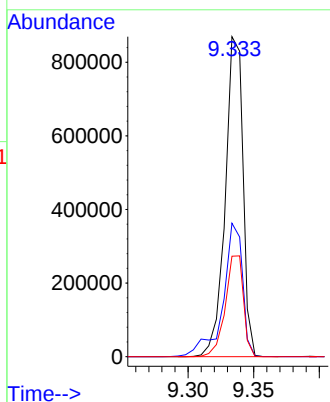
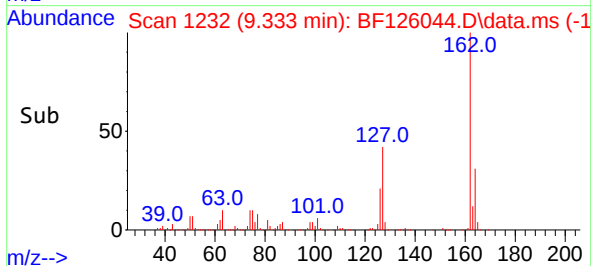


Tgt Ion:162 Resp: 81879
Ion Ratio Lower Upper
162 100
127 41.7 33.0 49.4
164 31.4 25.8 38.8

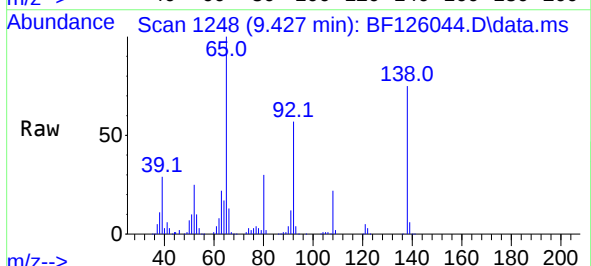
Manual Integrations

APPROVED

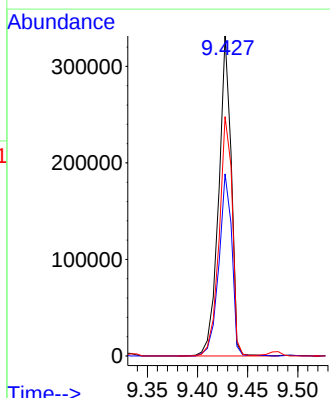
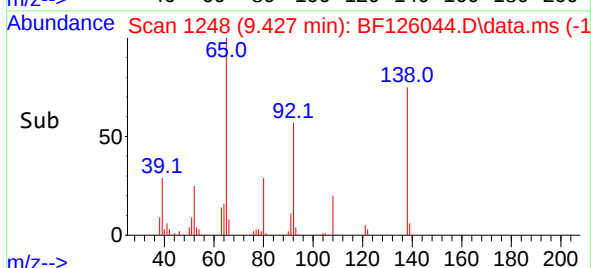
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

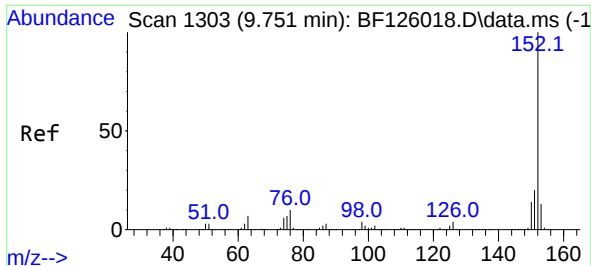


#48
2-Nitroaniline
Concen: 45.672 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion: 65 Resp: 288132
Ion Ratio Lower Upper
65 100
92 56.9 55.5 83.3
138 74.8 93.5 140.3#





#49

Acenaphthylene

Concen: 42.694 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:152 Resp: 1249370

Ion Ratio Lower Upper

152 100

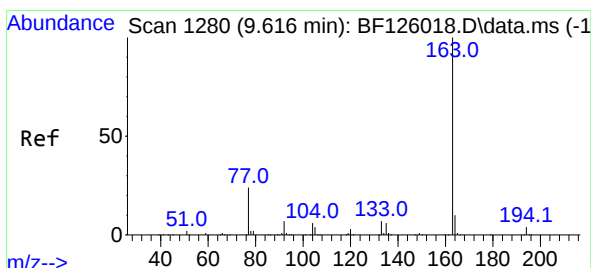
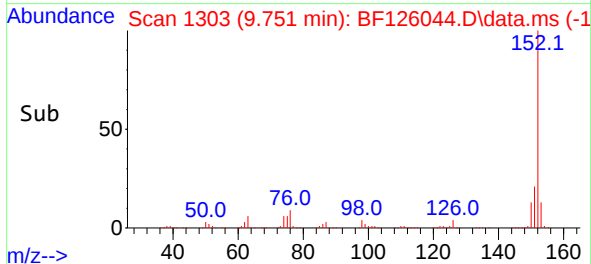
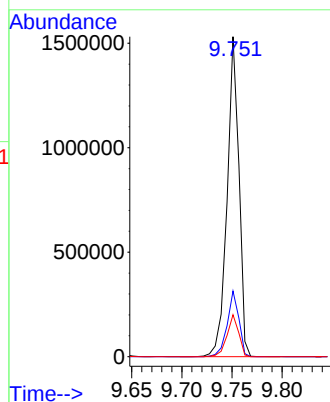
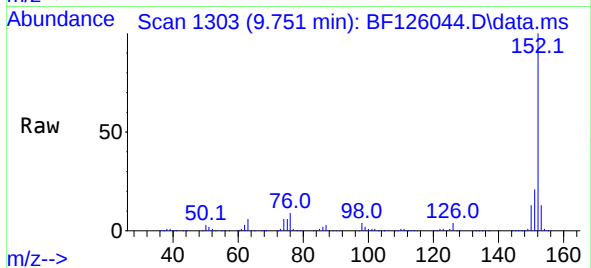
151 20.5 15.7 23.5

153 13.1 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#50

Dimethylphthalate

Concen: 42.653 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

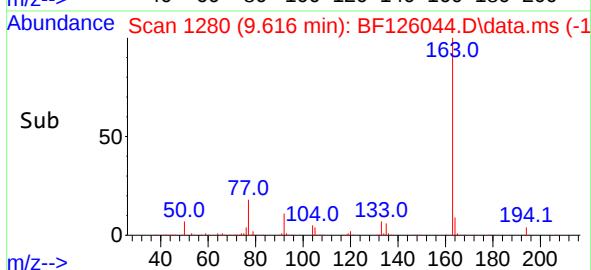
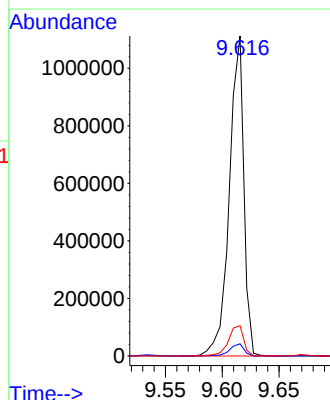
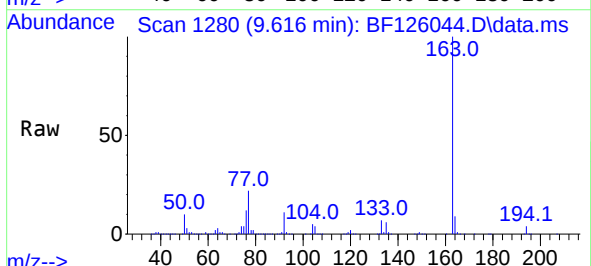
Tgt Ion:163 Resp: 987677

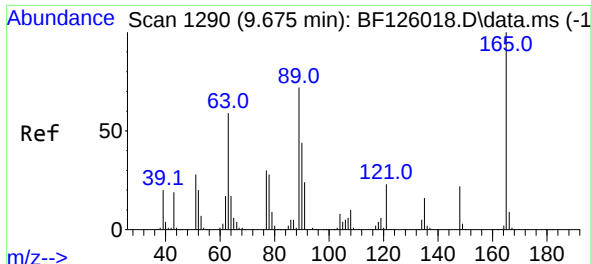
Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

164 9.5 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 51.078 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

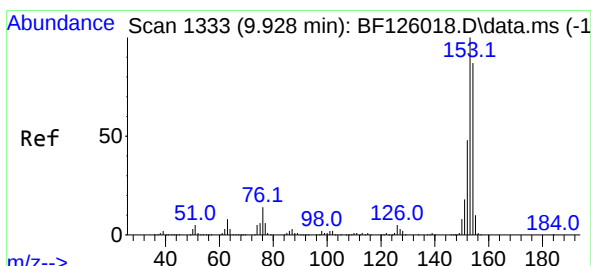
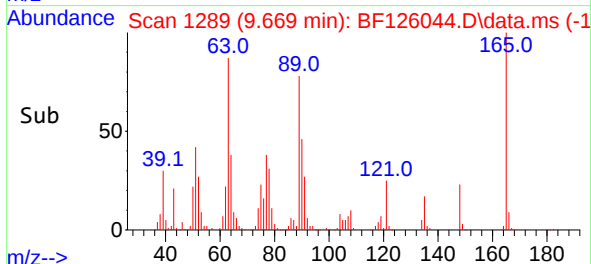
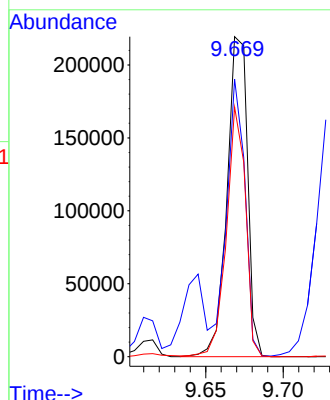
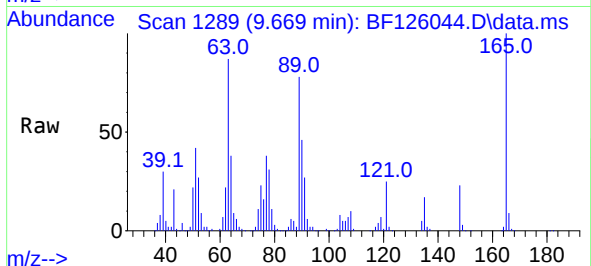
VNJ-224MSD

Tgt Ion:165 Resp: 20273
Ion Ratio Lower Upper
165 100
63 86.7 42.6 63.8
89 78.0 40.6 60.8

Manual Integrations

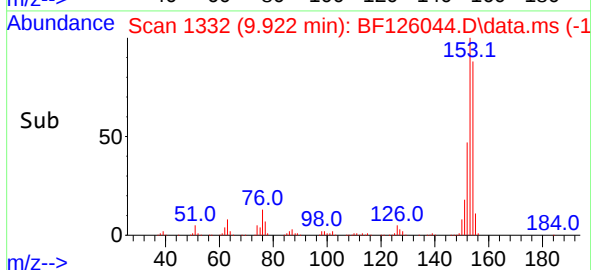
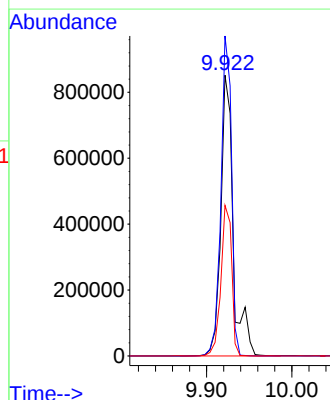
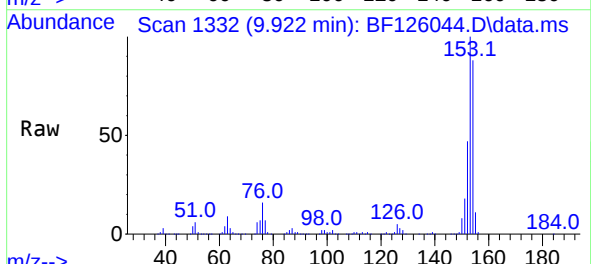
APPROVED

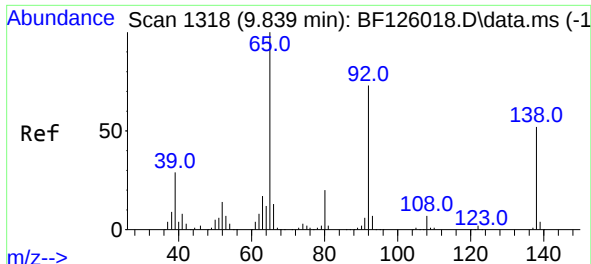
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#52
Acenaphthene
Concen: 46.276 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:154 Resp: 854137
Ion Ratio Lower Upper
154 100
153 113.9 89.4 134.2
152 53.6 40.5 60.7





#53
3-Nitroaniline
Concen: 20.437 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

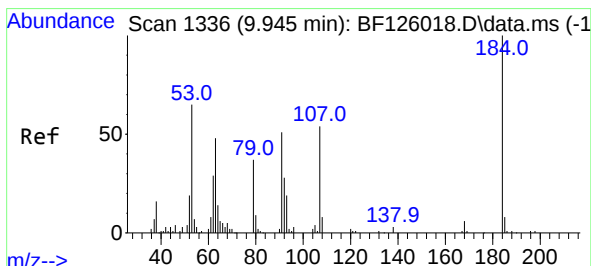
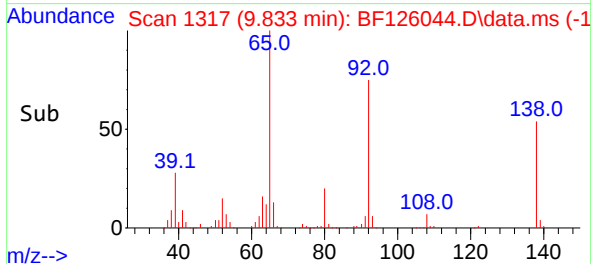
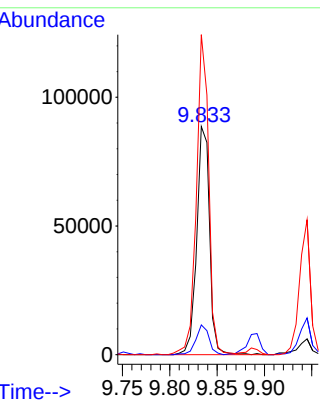
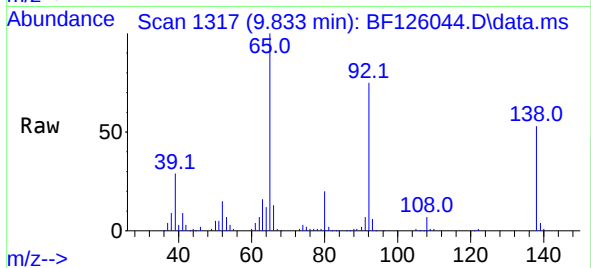
VNJ-224MSD

Tgt Ion:138 Resp: 83150
Ion Ratio Lower Upper
138 100
108 13.1 9.3 13.9
92 140.2 76.5 114.7

Manual Integrations

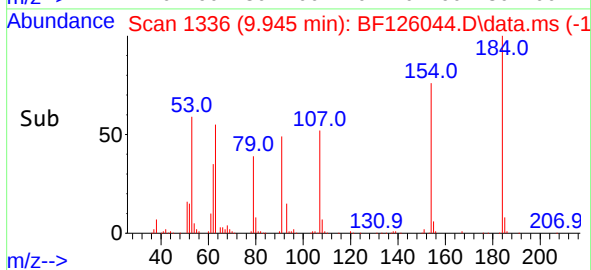
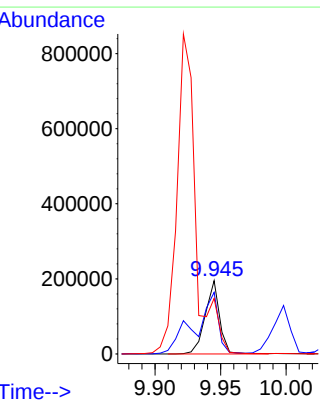
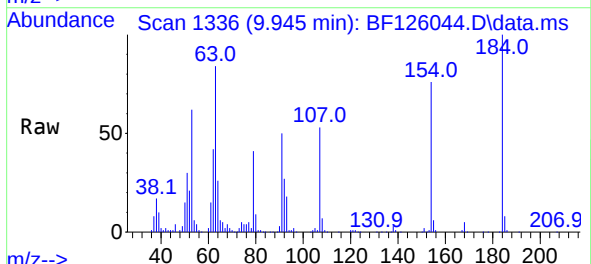
APPROVED

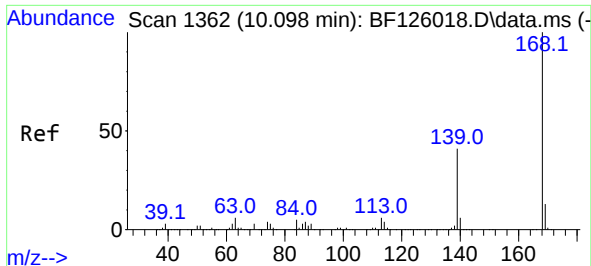
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#54
2,4-Dinitrophenol
Concen: 73.882 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

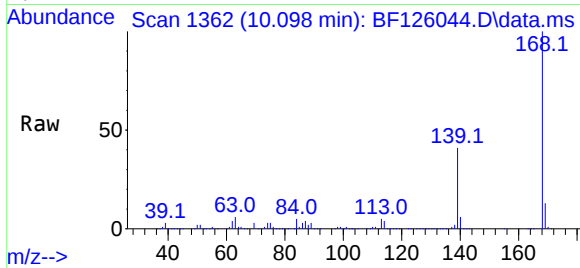
Tgt Ion:184 Resp: 149038
Ion Ratio Lower Upper
184 100
63 84.0 59.3 88.9
154 75.8 68.6 102.8





#55
Dibenzenofuran
Concen: 40.730 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

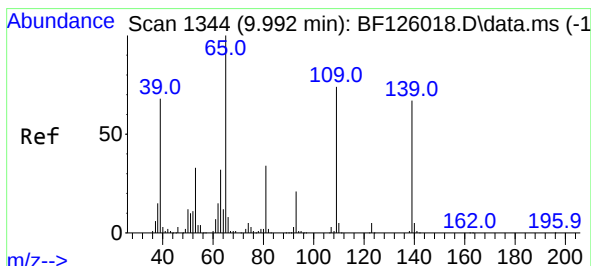
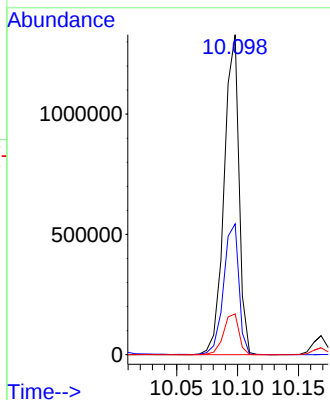
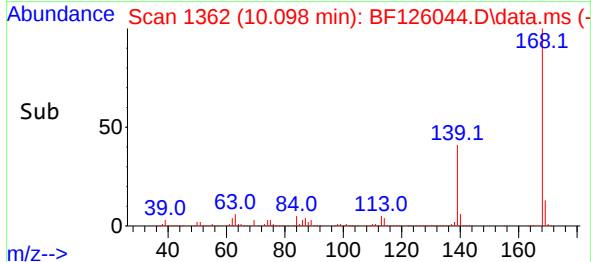
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



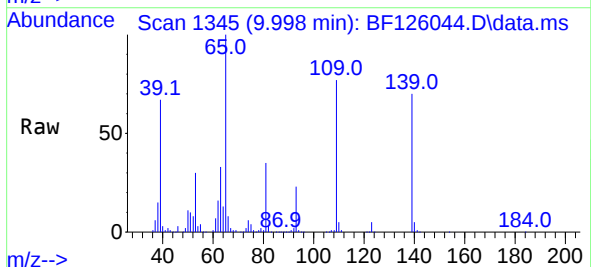
Tgt Ion:168 Resp: 113171
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 12.8 11.2 16.8

Manual Integrations
APPROVED

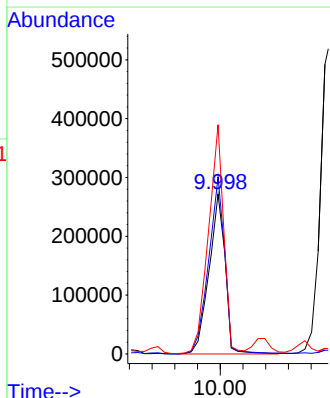
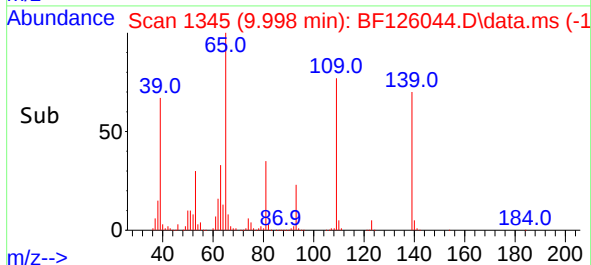
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

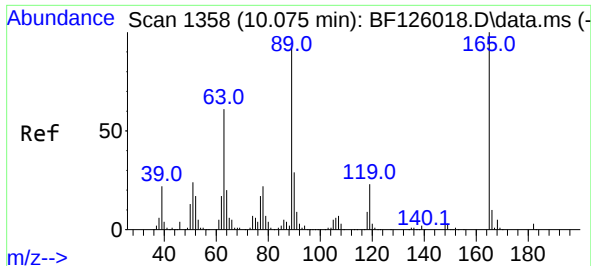


#56
4-Nitrophenol
Concen: 82.999 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:139 Resp: 266533
Ion Ratio Lower Upper
139 100
109 110.8 60.4 100.4#
65 143.5 58.4 98.4#





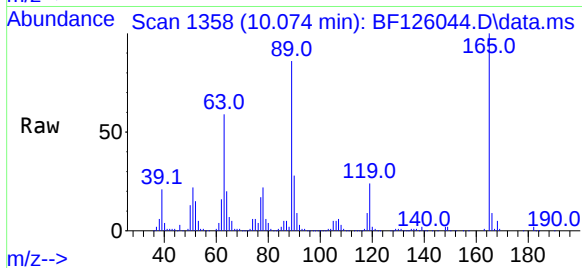
#57
2,4-Dinitrotoluene
Concen: 48.076 ng
RT: 10.074 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

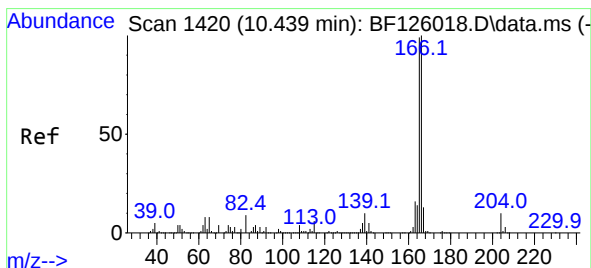
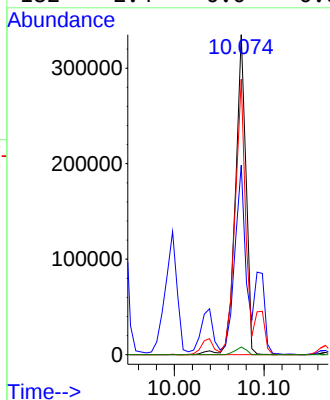
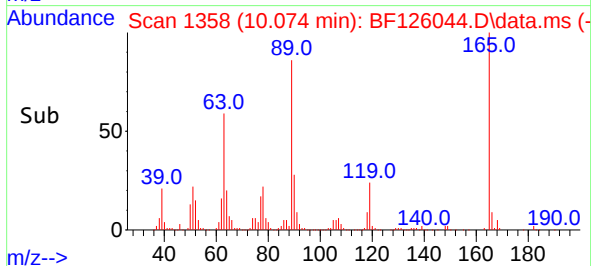


Tgt Ion:165 Resp: 274909
Ion Ratio Lower Upper
165 100
63 59.2 40.9 61.3
89 86.1 59.7 89.5
182 2.4 0.0 0.0#

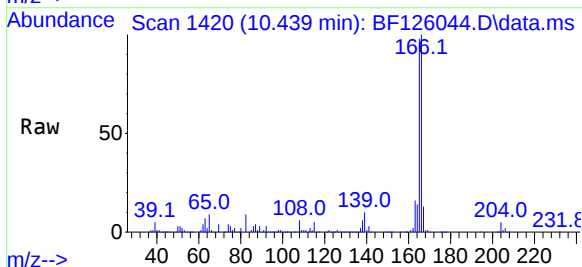
Manual Integrations

APPROVED

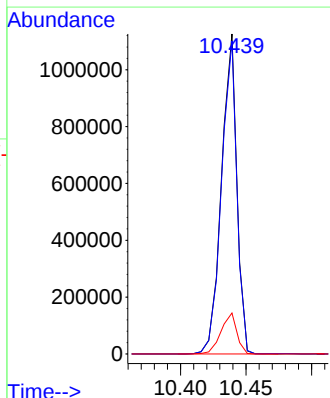
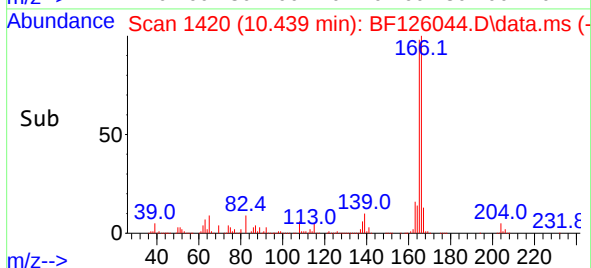
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

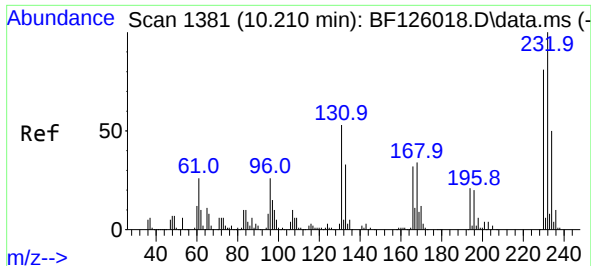


#58
Fluorene
Concen: 40.977 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:166 Resp: 914057
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 12.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.685 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

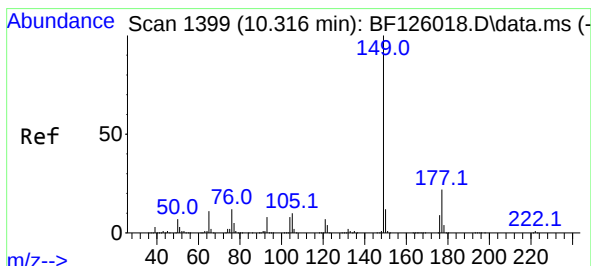
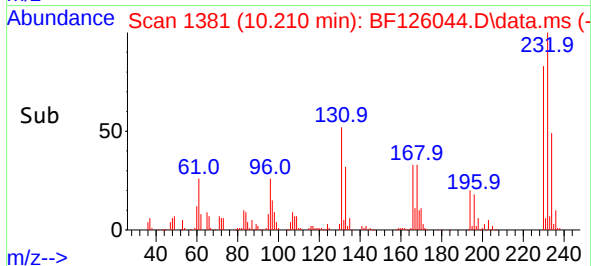
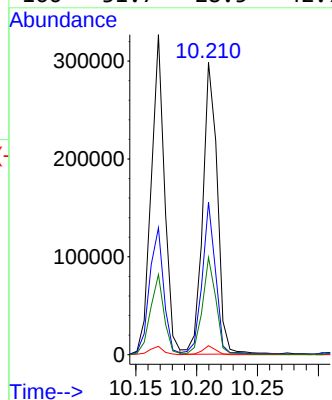
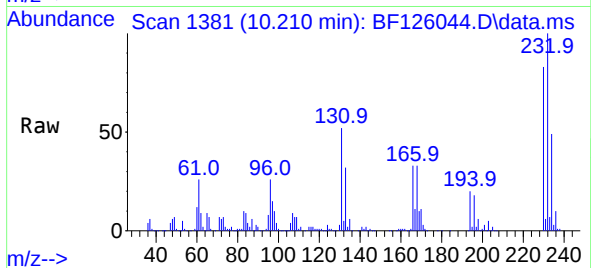
VNJ-224MSD

Tgt Ion:232 Resp: 24614
Ion Ratio Lower Upper
232 100
131 48.4 45.4 68.0
130 2.8 0.0 0.0
166 31.7 28.5 42.7

Manual Integrations

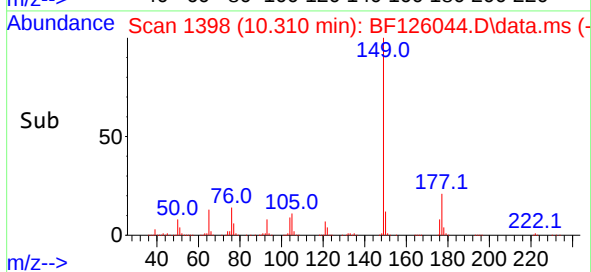
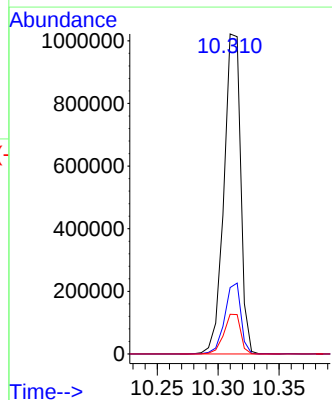
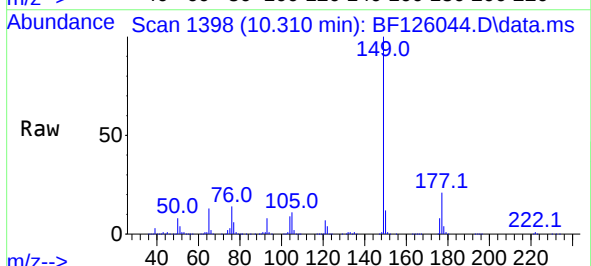
APPROVED

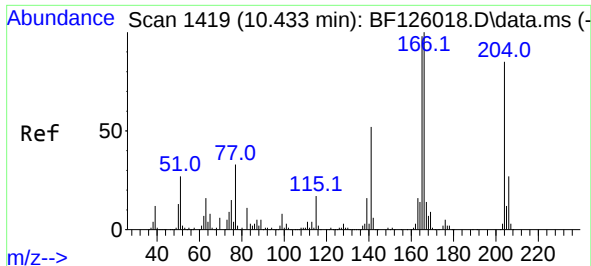
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#60
Diethylphthalate
Concen: 42.157 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

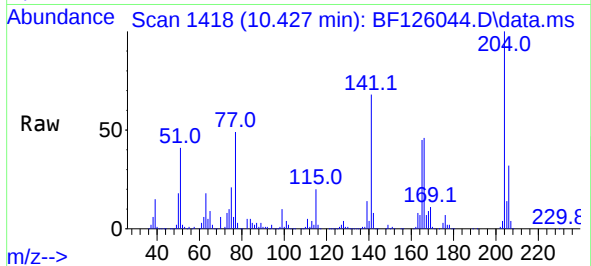
Tgt Ion:149 Resp: 978946
Ion Ratio Lower Upper
149 100
177 20.8 16.5 24.7
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.231 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

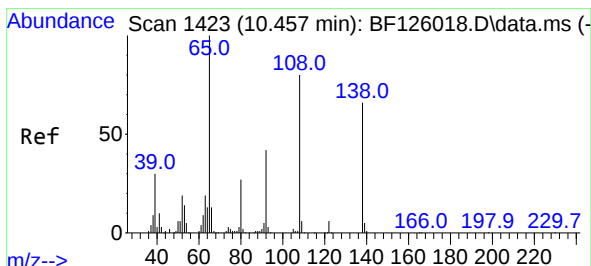
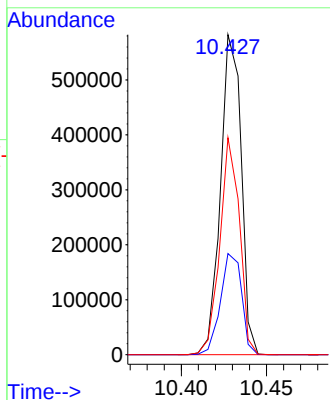
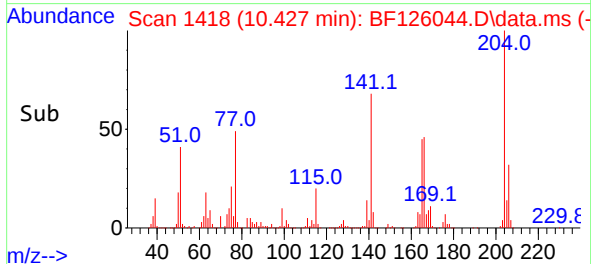
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



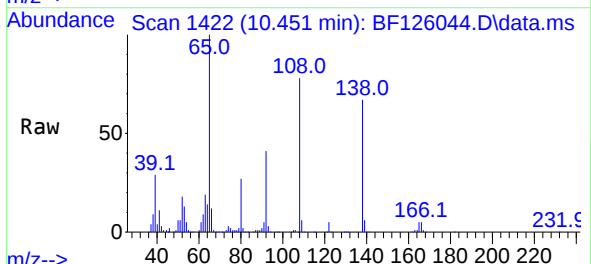
Tgt Ion:204 Resp: 491878
Ion Ratio Lower Upper
204 100
206 31.6 27.6 41.4
141 67.8 58.6 88.0

Manual Integrations
APPROVED

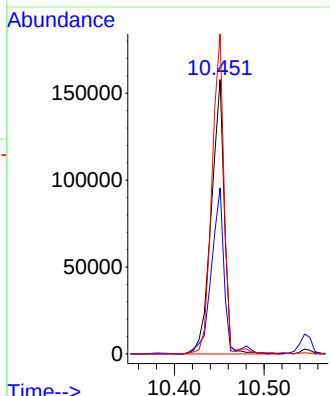
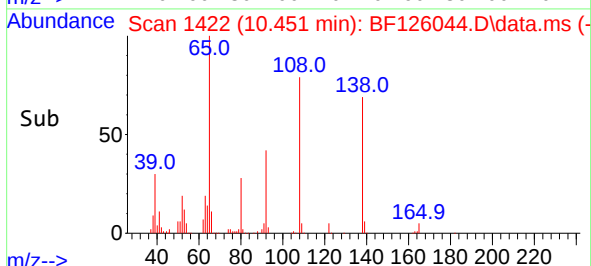
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

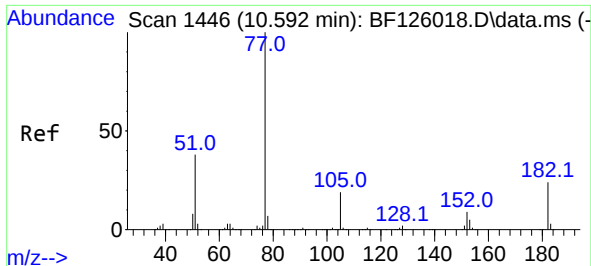


#62
4-Nitroaniline
Concen: 37.425 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:138 Resp: 158825
Ion Ratio Lower Upper
138 100
92 60.6 29.6 69.6
108 116.6 78.1 118.1





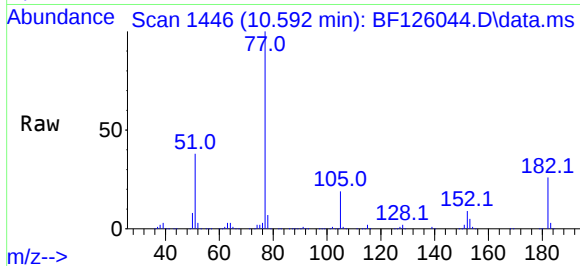
#63
Azobenzene
Concen: 39.814 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

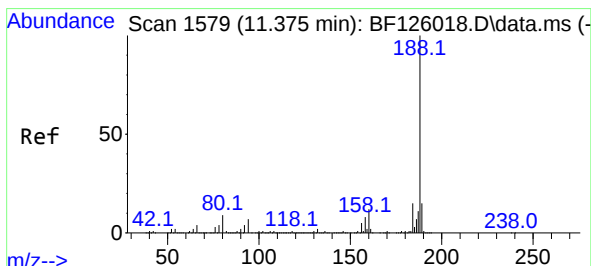
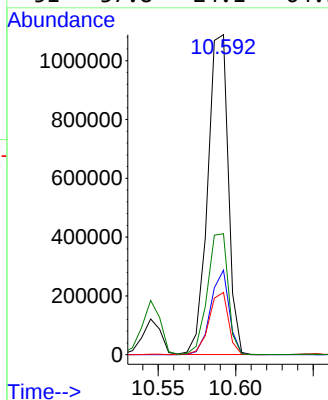
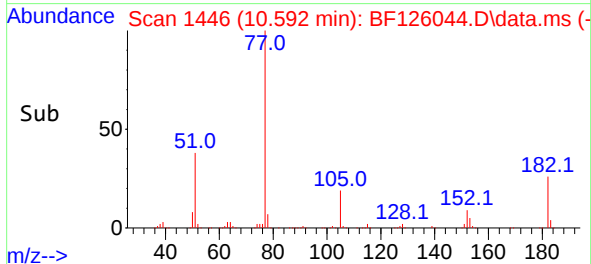


Tgt Ion: 77 Resp: 1003898
Ion Ratio Lower Upper
77 100
182 26.4 6.3 46.3
105 19.4 2.9 42.9
51 37.8 24.1 64.1

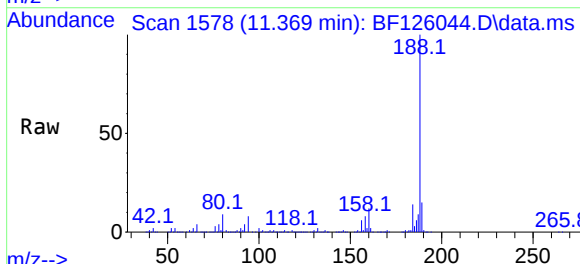
Manual Integrations

APPROVED

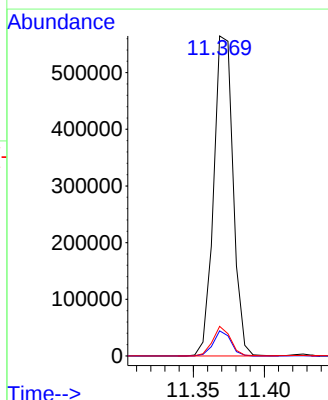
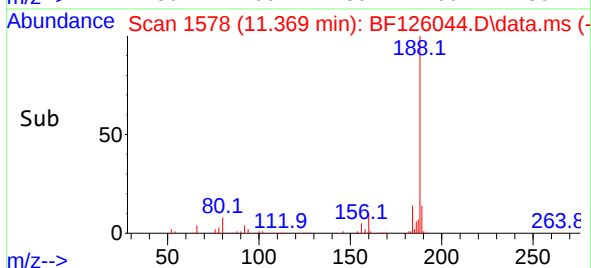
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

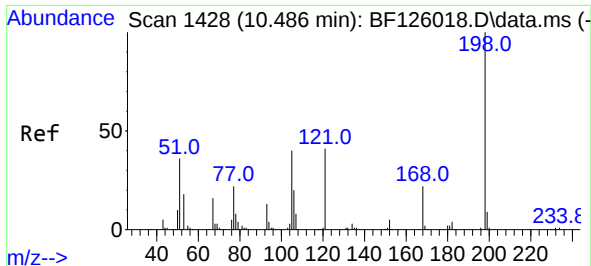


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:188 Resp: 537363
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.3 7.5 11.3





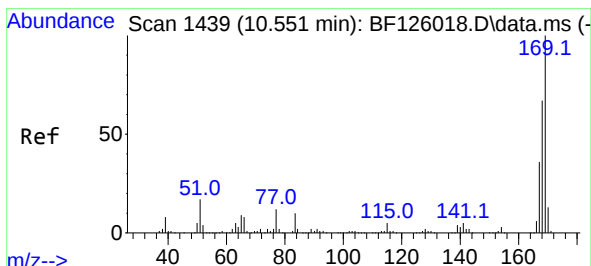
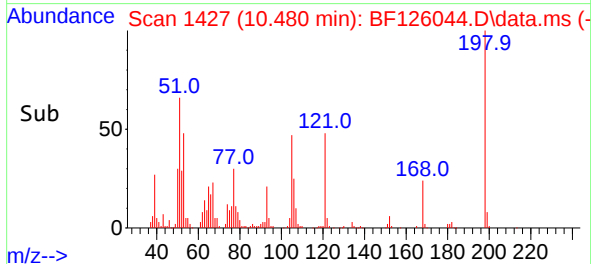
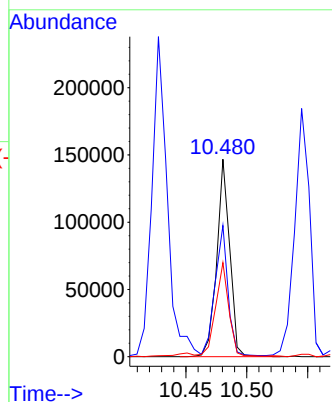
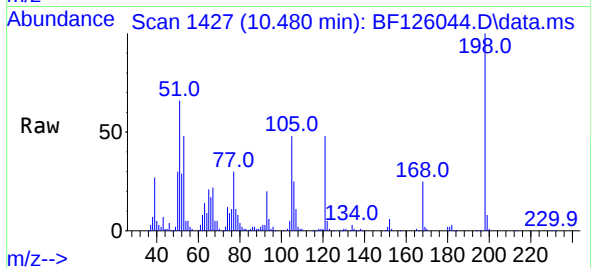
#65
4,6-Dinitro-2-methylphenol
Concen: 42.992 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:198 Resp: 108519
Ion Ratio Lower Upper
198 100
51 66.4 45.3 85.3
105 47.6 30.6 70.6

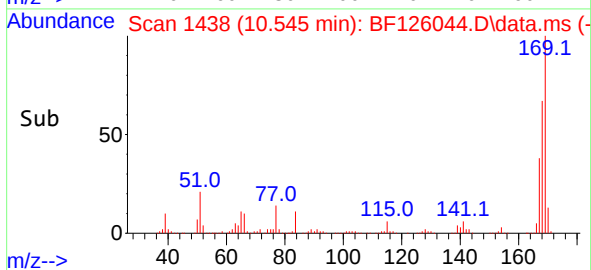
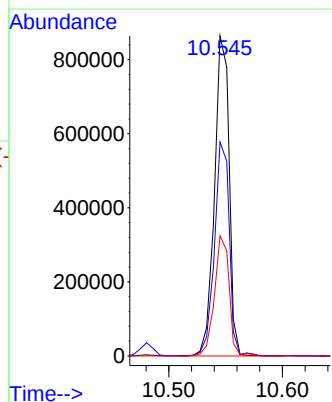
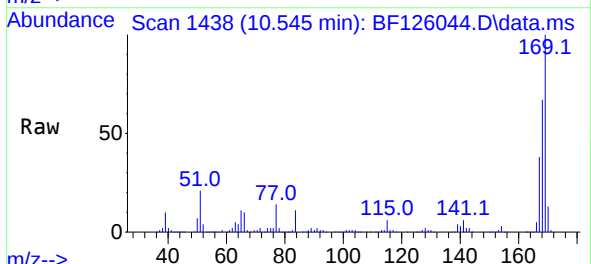
Manual Integrations
APPROVED

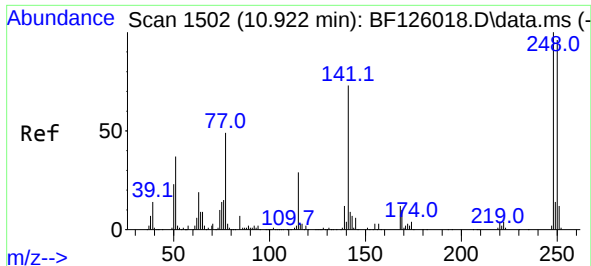
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#66
n-Nitrosodiphenylamine
Concen: 45.219 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:169 Resp: 773813
Ion Ratio Lower Upper
169 100
168 66.9 50.8 76.2
167 37.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 46.020 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

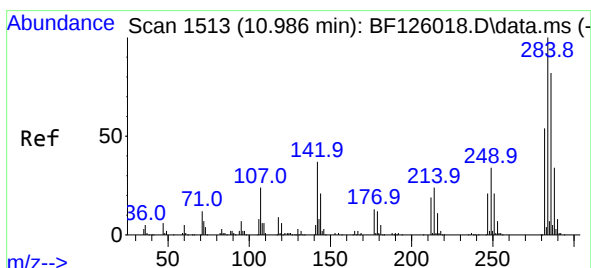
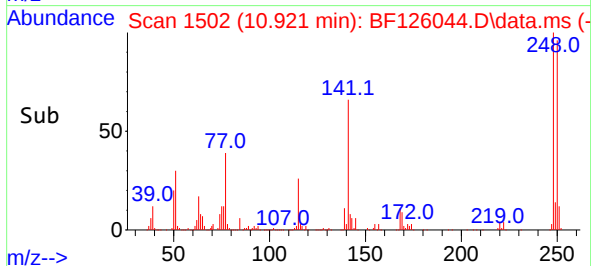
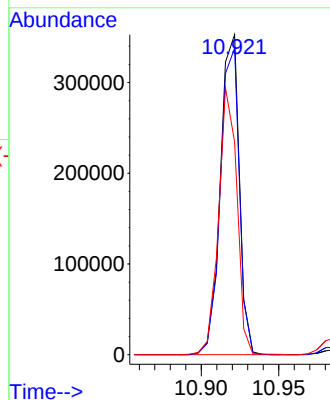
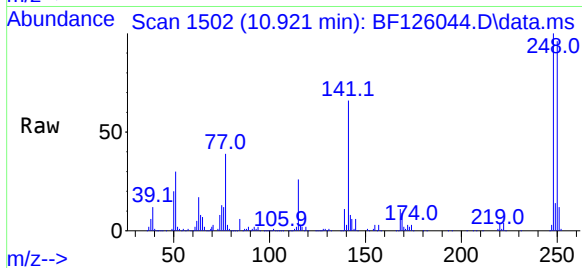
VNJ-224MSD

Tgt Ion:248 Resp: 299530
Ion Ratio Lower Upper
248 100
250 95.8 74.2 111.4
141 66.4 60.4 90.6

Manual Integrations

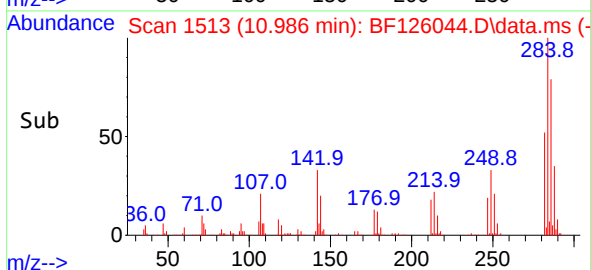
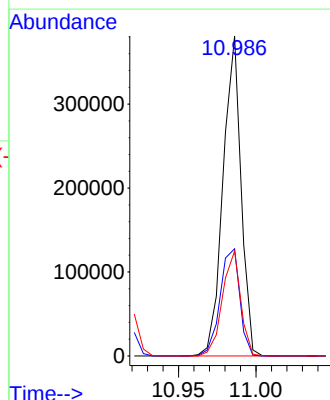
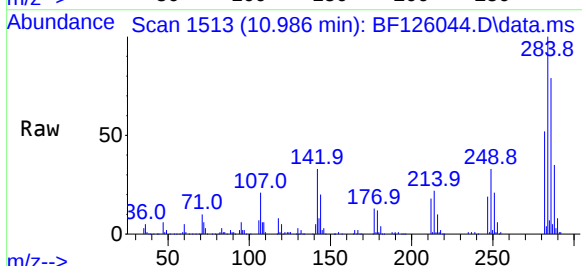
APPROVED

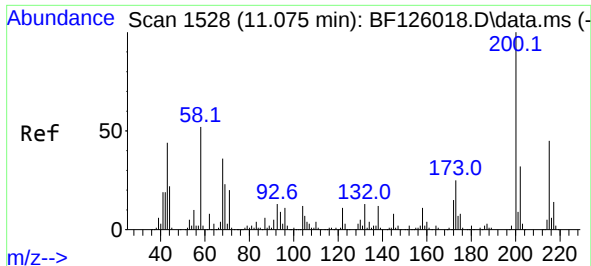
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#68
Hexachlorobenzene
Concen: 45.210 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

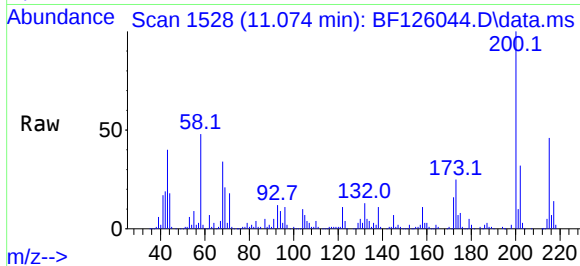
Tgt Ion:284 Resp: 307395
Ion Ratio Lower Upper
284 100
142 33.5 36.4 54.6#
249 32.8 25.6 38.4





#69
Atrazine
Concen: 46.828 ng
RT: 11.074 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

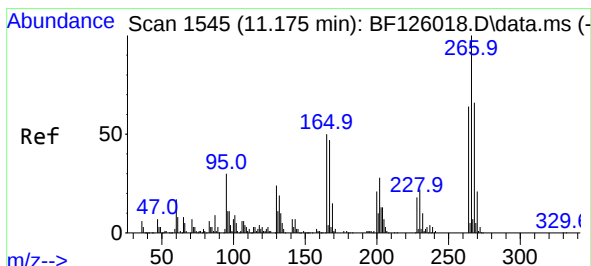
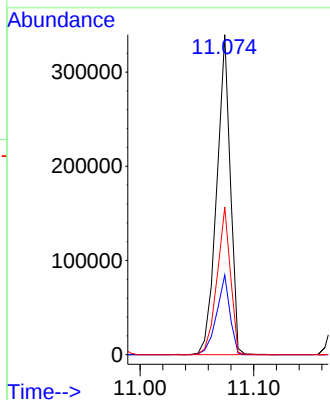
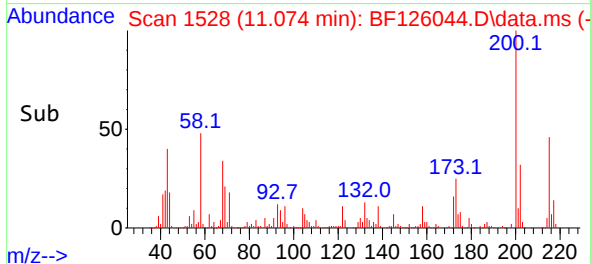
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



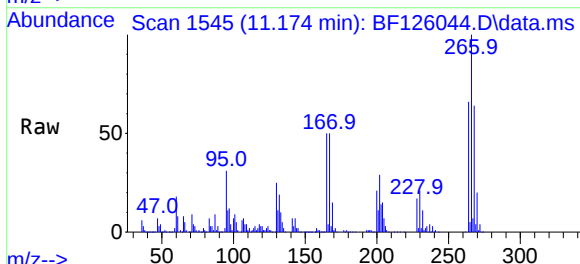
Tgt Ion:200 Resp: 28344
Ion Ratio Lower Upper
200 100
173 24.9 11.1 51.1
215 46.2 22.7 62.7

Manual Integrations
APPROVED

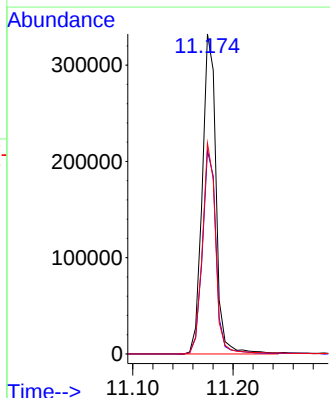
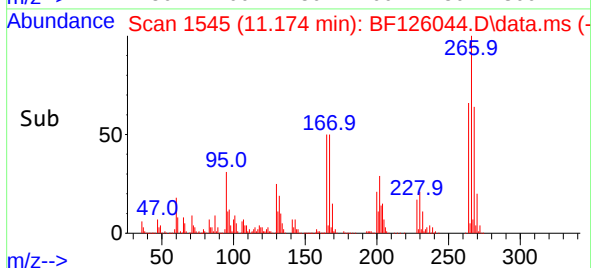
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

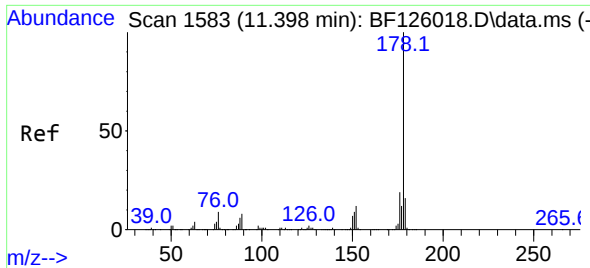


#70
Pentachlorophenol
Concen: 87.159 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



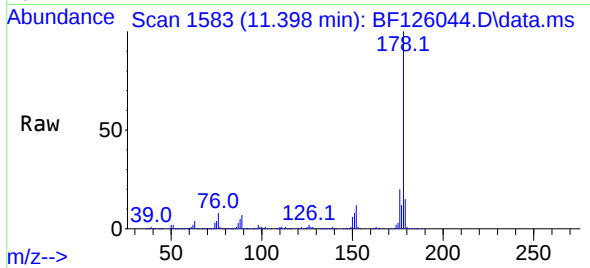
Tgt Ion:266 Resp: 319332
Ion Ratio Lower Upper
266 100
268 63.6 48.9 73.3
264 65.9 55.9 83.9





#71
Phenanthrene
Concen: 43.079 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

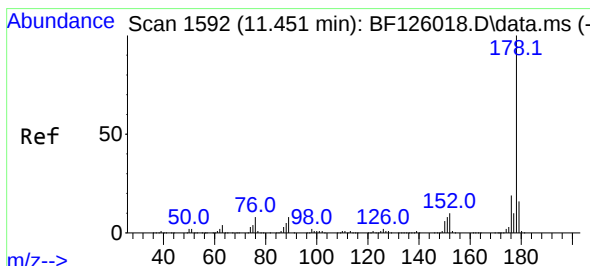
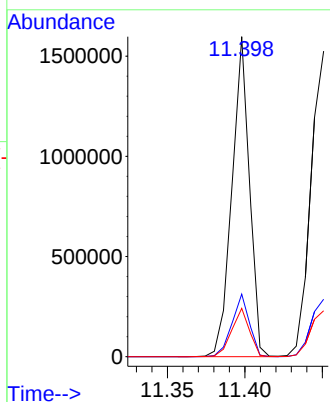
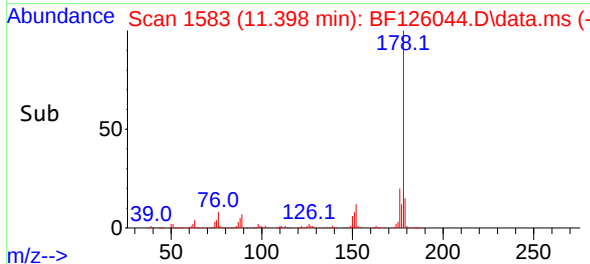
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



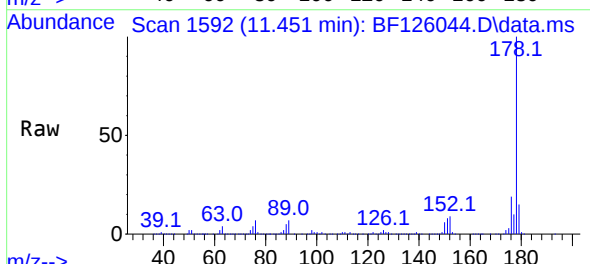
Tgt Ion:178 Resp: 1255380
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.1 11.5 17.3

Manual Integrations
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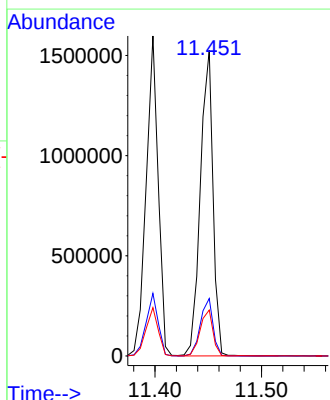
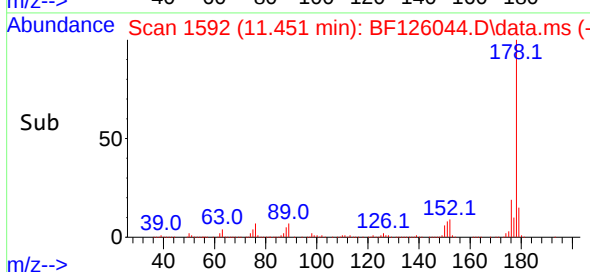
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

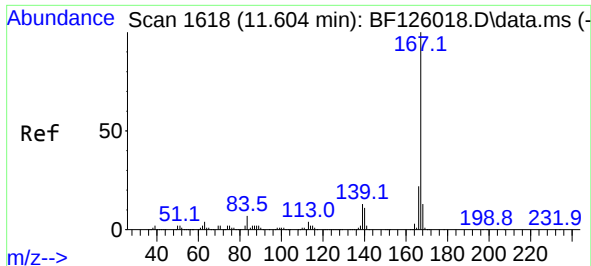


#72
Anthracene
Concen: 43.426 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



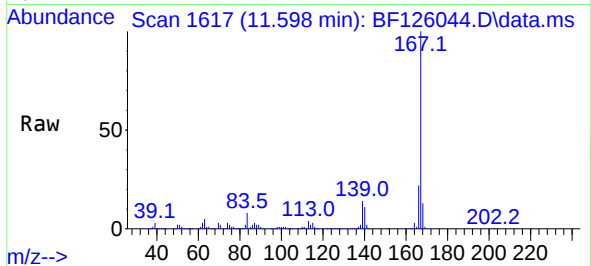
Tgt Ion:178 Resp: 1263454
Ion Ratio Lower Upper
178 100
176 18.8 14.3 21.5
179 15.0 12.2 18.4





#73
 Carbazole
 Concen: 36.683 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

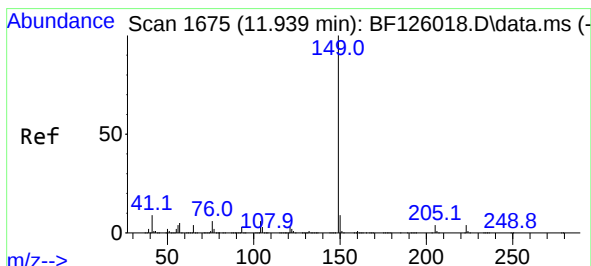
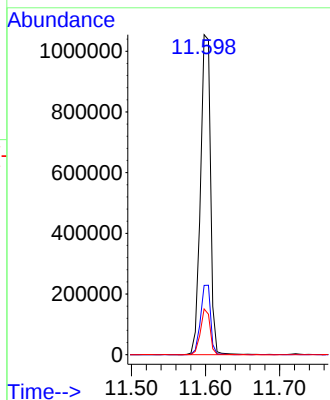
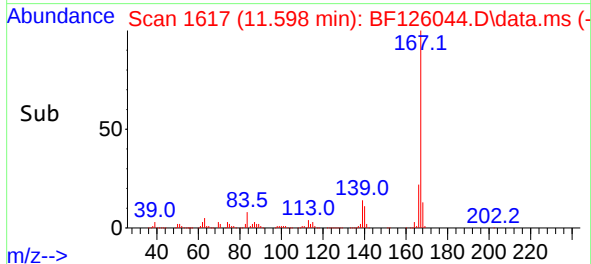
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD



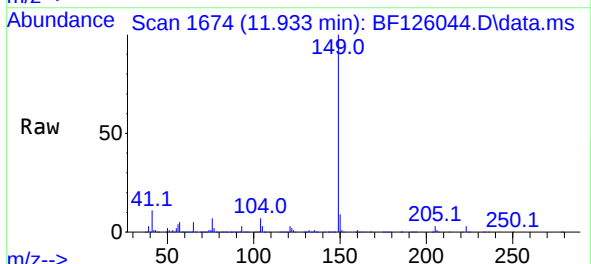
Tgt Ion:167 Resp: 989858
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 14.3 11.0 16.4

Manual Integrations
 APPROVED

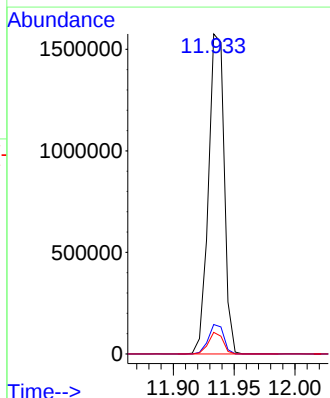
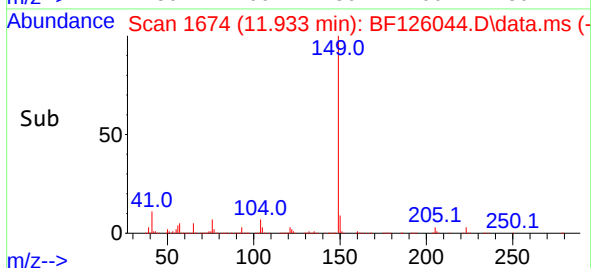
Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

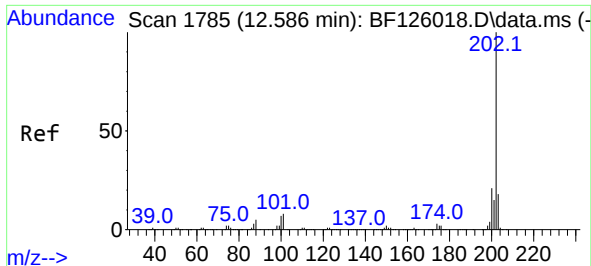


#74
 Di-n-butylphthalate
 Concen: 45.129 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20



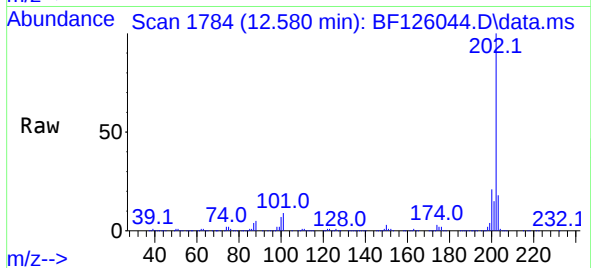
Tgt Ion:149 Resp: 1418919
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.7 4.1 6.1





#75
Fluoranthene
Concen: 37.760 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

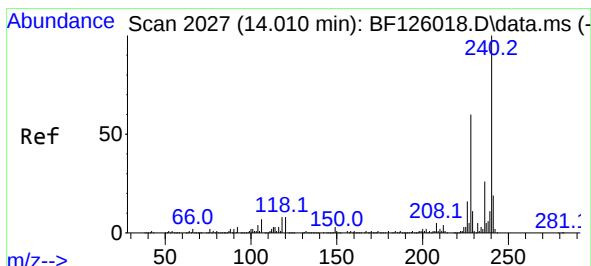
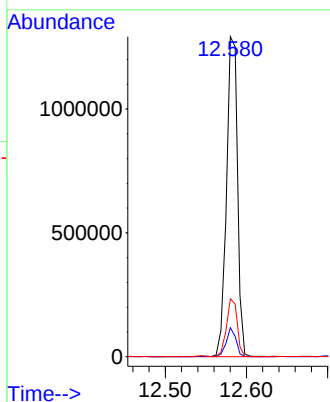
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



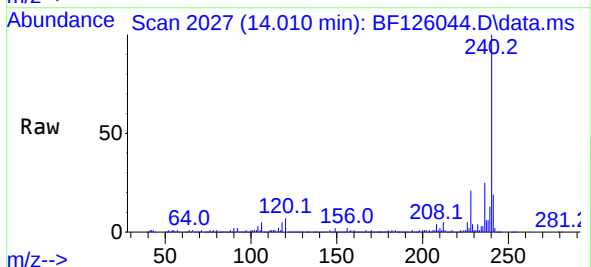
Tgt Ion:202 Resp: 122535
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 18.1 0.0 36.3

Manual Integrations
APPROVED

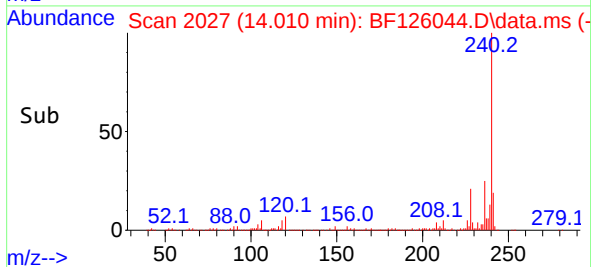
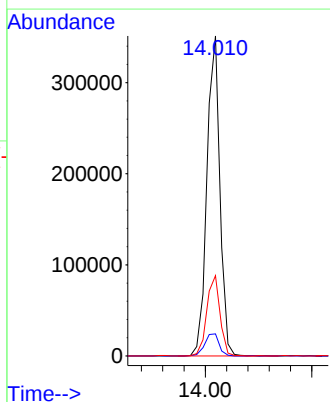
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

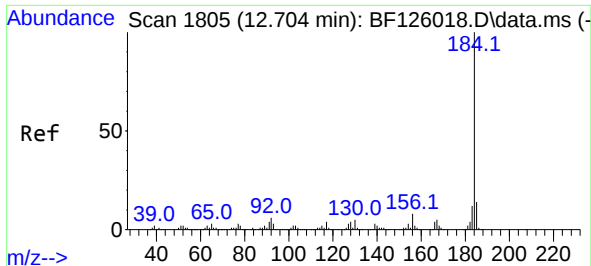


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:240 Resp: 297700
Ion Ratio Lower Upper
240 100
120 6.9 10.8 16.2#
236 25.1 21.6 32.4





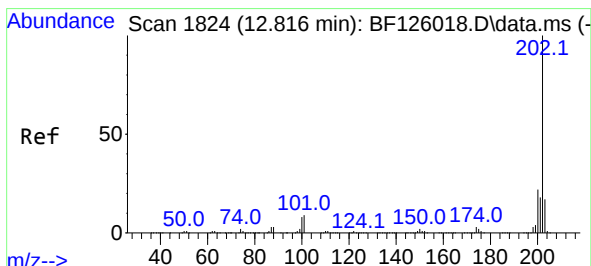
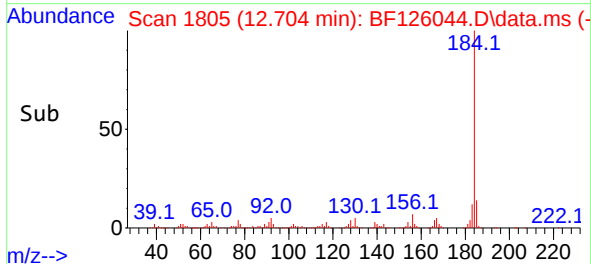
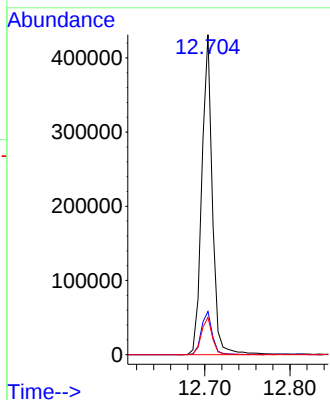
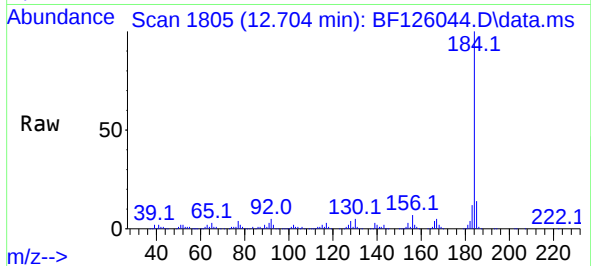
#77
Benzidine
Concen: 37.229 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:184 Resp: 370500
Ion Ratio Lower Upper
184 100
185 13.5 10.8 16.2
183 11.6 8.1 12.1

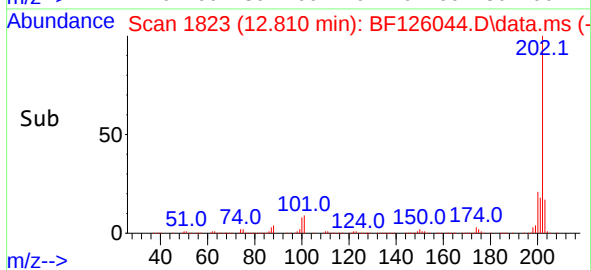
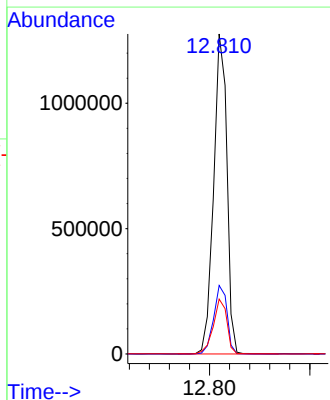
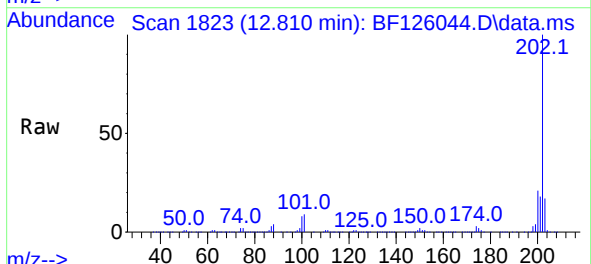
Manual Integrations
APPROVED

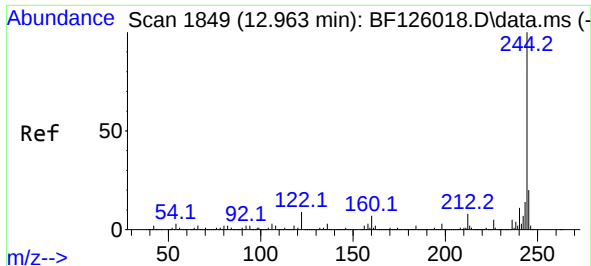
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#78
Pyrene
Concen: 48.909 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

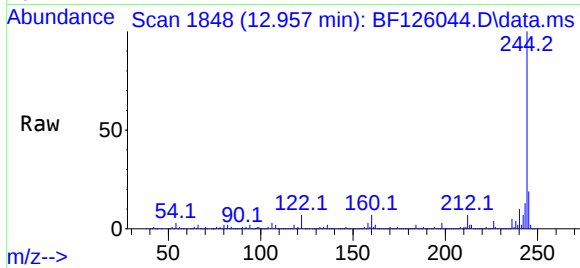
Tgt Ion:202 Resp: 1167672
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 17.2 13.4 20.0





#79
Terphenyl-d14
Concen: 67.905 ng
RT: 12.957 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

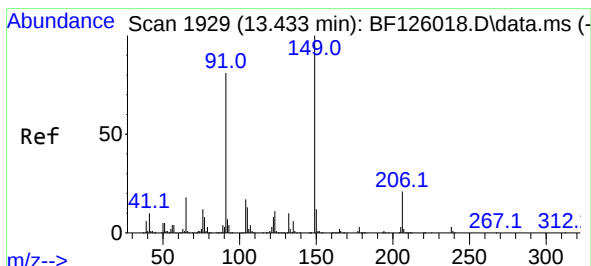
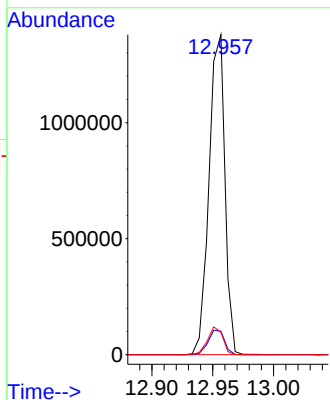
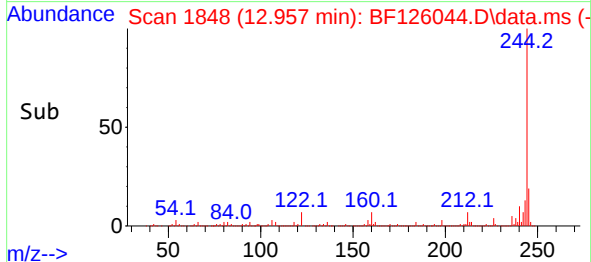
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



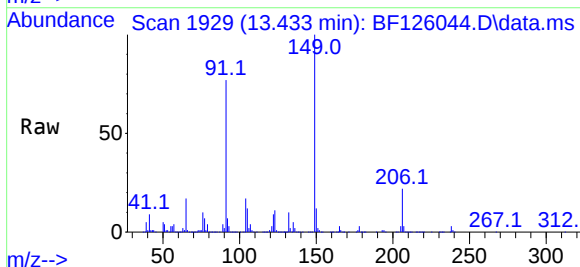
Tgt Ion:244 Resp: 1253628
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 7.0 9.0 13.4

Manual Integrations
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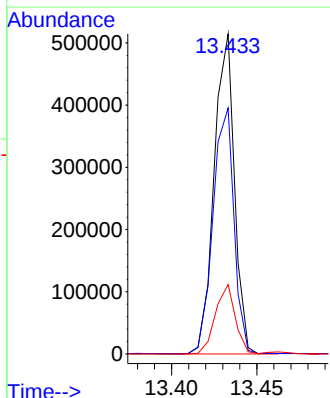
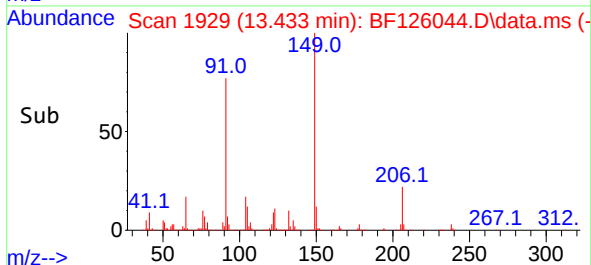
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

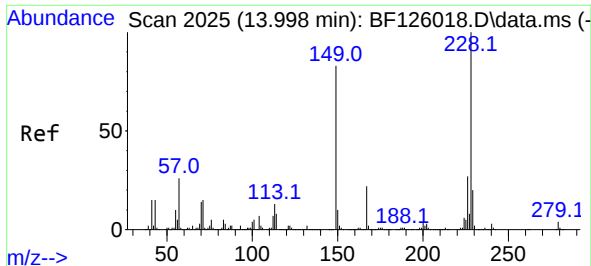


#80
Butylbenzylphthalate
Concen: 49.042 ng
RT: 13.433 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:149 Resp: 426476
Ion Ratio Lower Upper
149 100
91 76.8 51.8 77.8
206 21.7 14.5 21.7





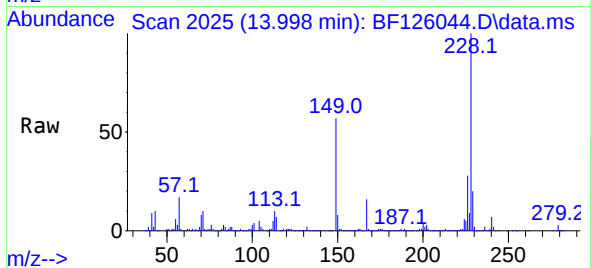
#81
Benzo(a)anthracene
Concen: 43.607 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

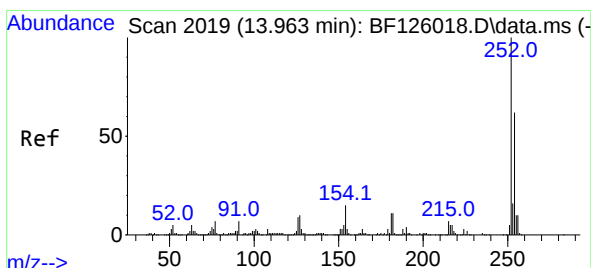
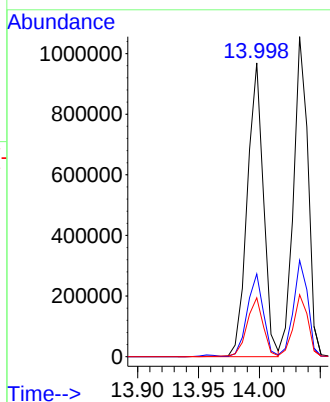
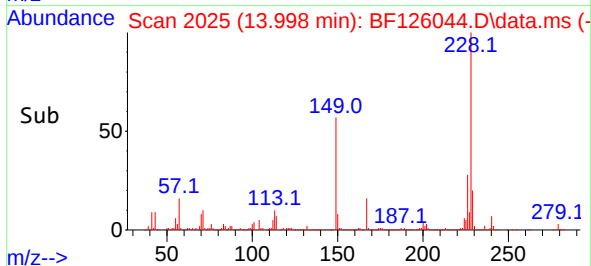


Tgt Ion:228 Resp: 891832
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 20.0 15.6 23.4

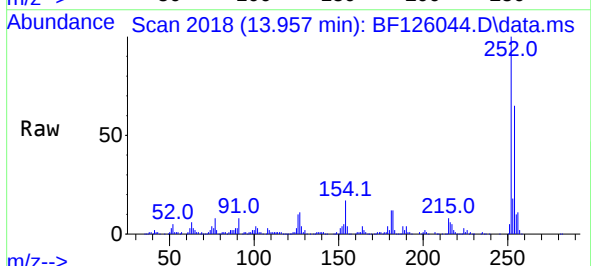
Manual Integrations

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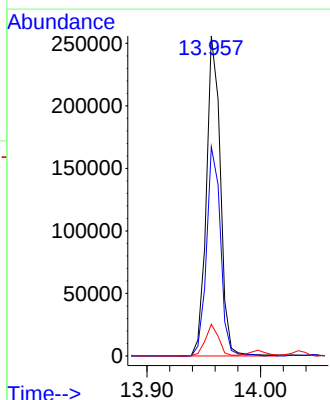
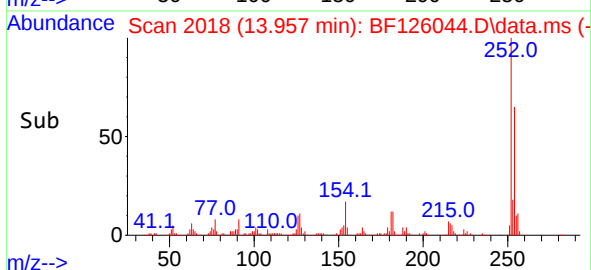
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

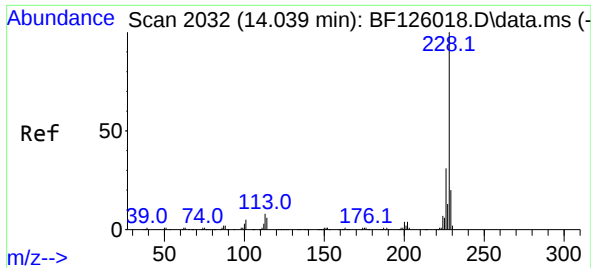


#82
3,3'-Dichlorobenzidine
Concen: 36.631 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



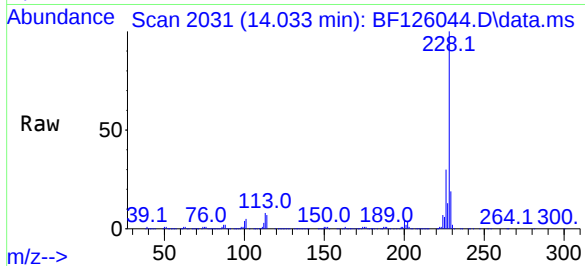
Tgt Ion:252 Resp: 218614
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.0
126 9.9 9.5 14.3





#83
Chrysene
Concen: 45.681 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

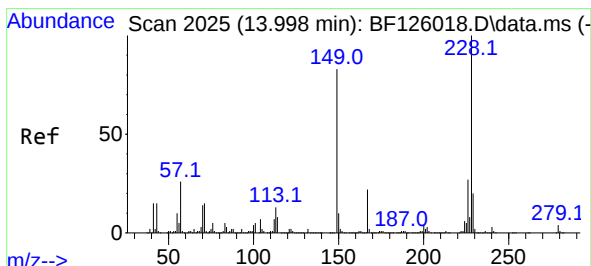
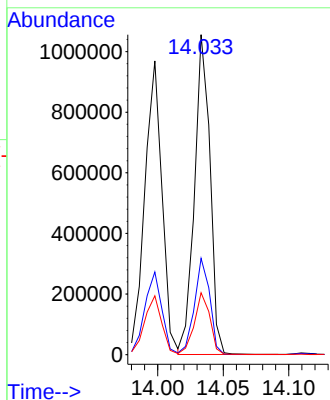
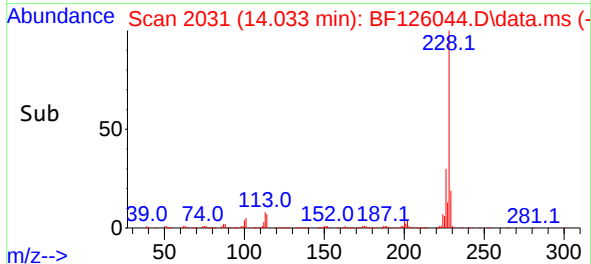
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



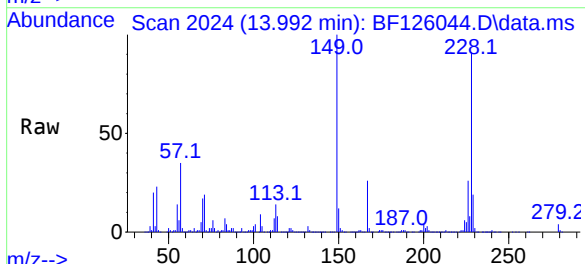
Tgt Ion:228 Resp: 86929
Ion Ratio Lower Upper
228 100
226 30.1 22.6 34.0
229 19.3 15.9 23.9

Manual Integrations
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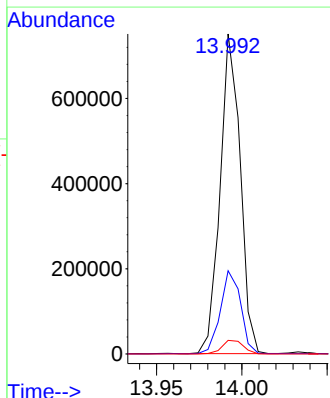
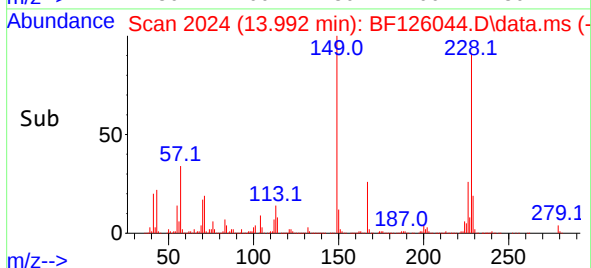
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

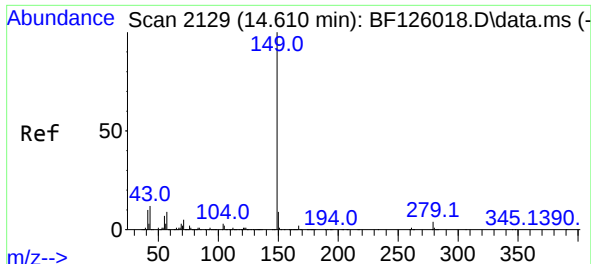


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.223 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



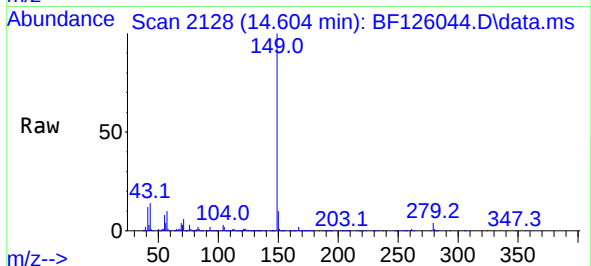
Tgt Ion:149 Resp: 617364
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.0
279 4.2 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 57.066 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

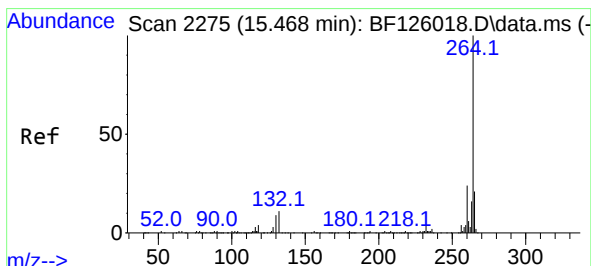
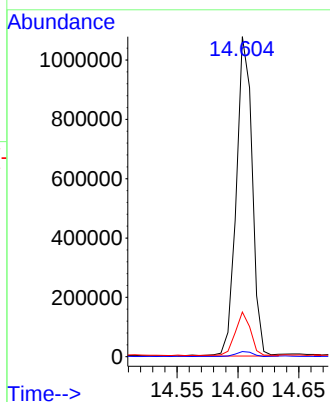
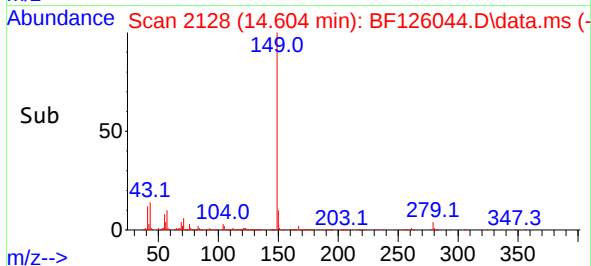
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



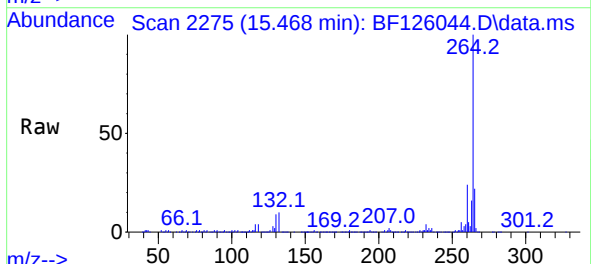
Tgt Ion:149 Resp: 977209
Ion Ratio Lower Upper
149 100
167 1.7 1.0 1.6
43 12.8 9.9 14.9

Manual Integrations
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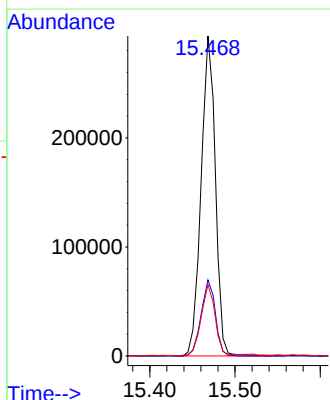
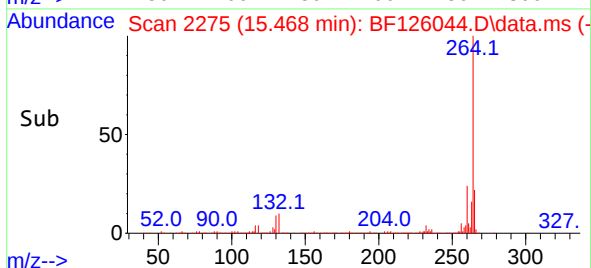
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

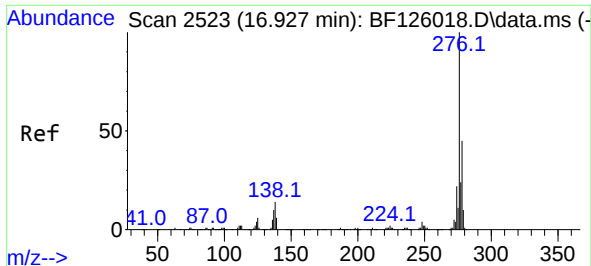


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:264 Resp: 341180
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.2 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.700 ng
RT: 16.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

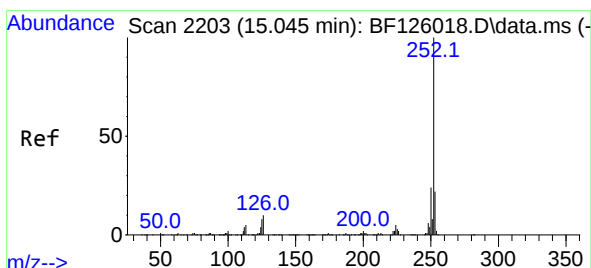
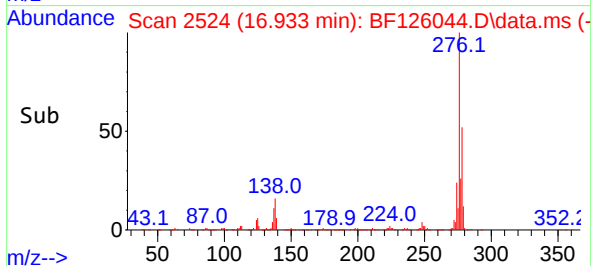
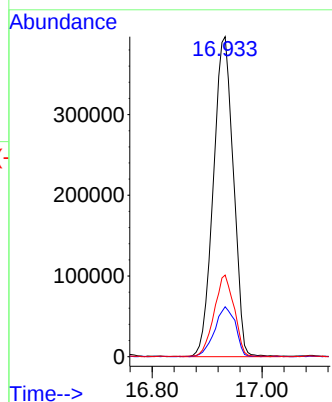
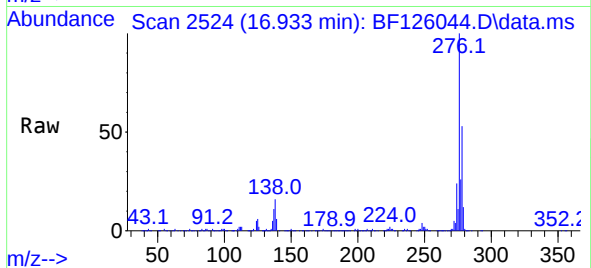
VNJ-224MSD

Tgt Ion:276 Resp: 1003672
Ion Ratio Lower Upper
276 100
138 16.3 24.1 36.1
277 25.4 18.8 28.2

Manual Integrations

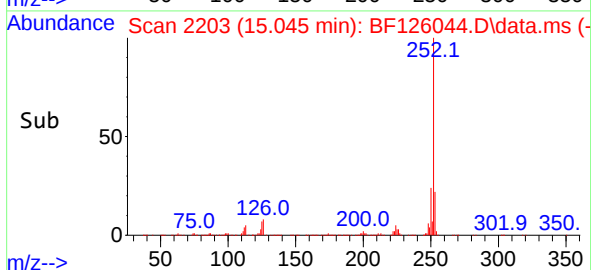
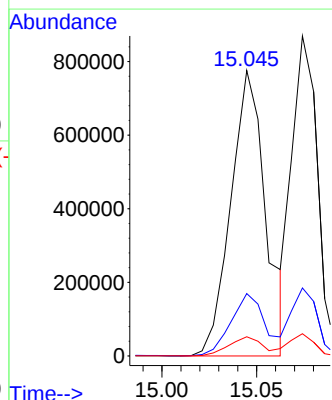
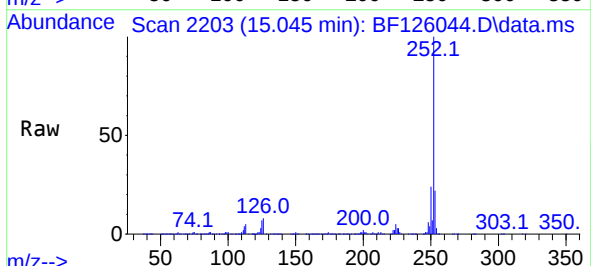
APPROVED

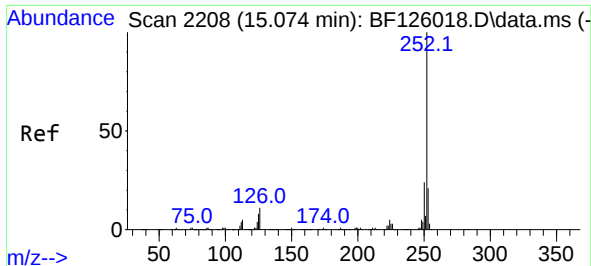
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#88
Benzo(b)fluoranthene
Concen: 44.737 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

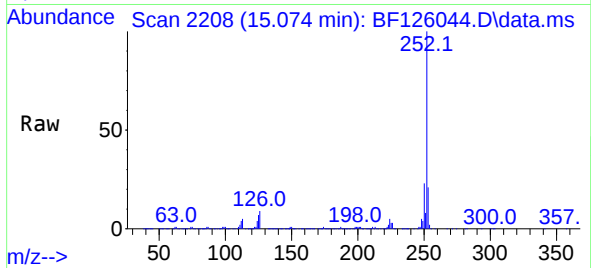
Tgt Ion:252 Resp: 992820
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 6.7 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 37.607 ng m
RT: 15.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

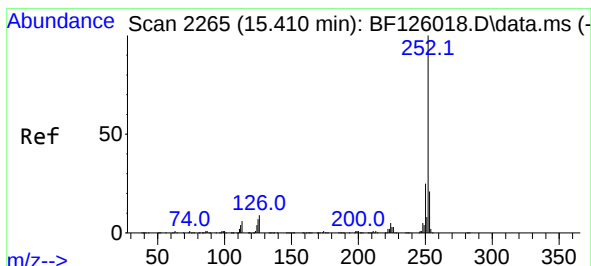
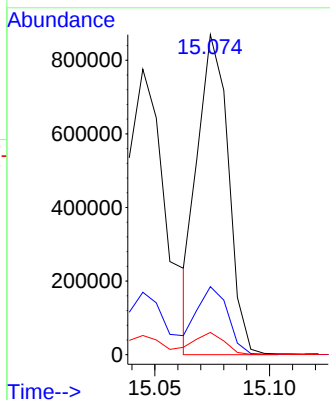
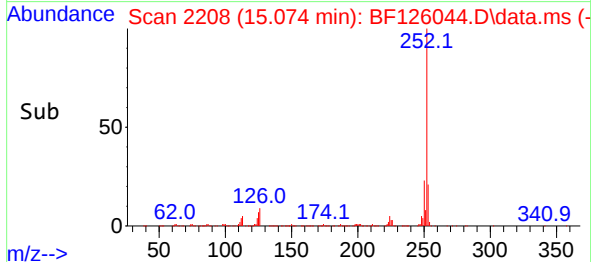
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



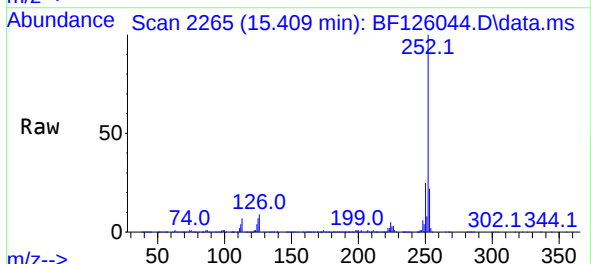
Tgt Ion:252 Resp: 80958
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.0 7.2 10.8

Manual Integrations
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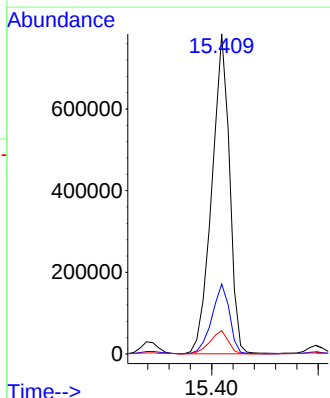
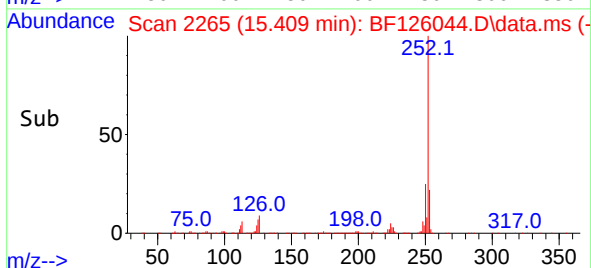
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

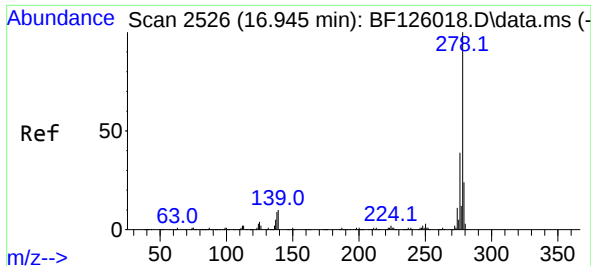


#90
Benzo(a)pyrene
Concen: 51.549 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20



Tgt Ion:252 Resp: 901271
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 7.3 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 51.445 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

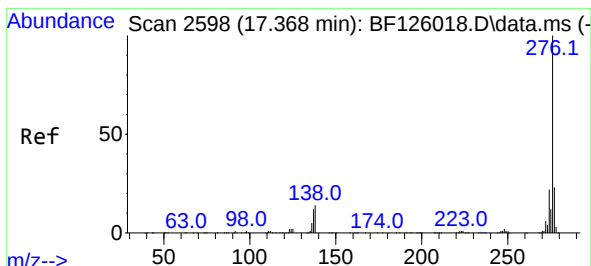
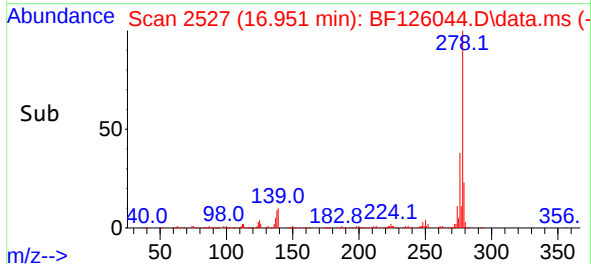
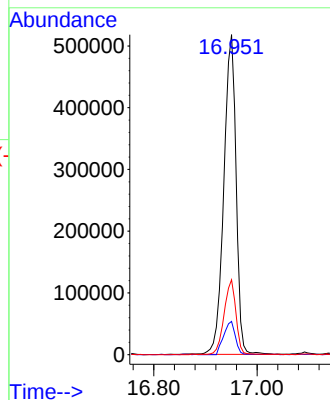
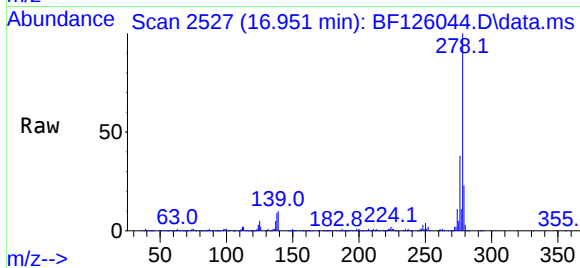
VNJ-224MSD

Tgt Ion:278 Resp: 853279
Ion Ratio Lower Upper
278 100
139 10.4 14.9 22.3
279 23.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#92
Benzo(g,h,i)perylene
Concen: 49.431 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:276 Resp: 786305
Ion Ratio Lower Upper
276 100
277 24.2 22.0 33.0
138 13.9 22.2 33.4

